



FAIR RADIO SALES CO.

Surplus Electronics



BC-603 FM RECEIVER
20.0 TO 27.9 MC

PAGE 3



1/2 PRICE

THIS CATALOG SPECIAL
CARRIER MONITOR
PAGE 3



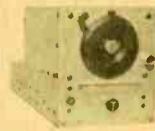
COMMUNICATION RECEIVER
BC-348 200-500 KC 1.5-18 MC
PRICE: USED \$69.50

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COMMAND TRANSMITTER
3C-696 3-4 MC
GOVT RE-COND.
PRICE: \$12.95

PAGE 4



COMMAND RECEIVER
BC-455 6.0-9.1 MC
GOVT RE-COND. WITH DYNAMOTOR
PRICE: \$14.95

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RECEIVED
2 MAR 1967



HEADSET & BOOM MICROPHONE
TELEX MRB-12
PRICE: USED \$8.95

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RT-122/APW-11 REC. TRANS.
FREQ. 2680-2920 W/ C40 TUBE
PRICE: W/TUBES \$14.95 USED
PRICE: L/TUBES \$ 4.95 USED

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AIRPORT LIGHTING TRANSFORMER
PAGE 16
OTHER TRANSFORMERS
PAGES 12-13-14

FAIR RADIO SALES CO., Box 1105, 1016 East Eureka, LIMA, OHIO 45802

Telephone Area Code 419 - 223-2196

FALL-WINTER 1966-67

STORE HOURS
MONDAY THRU SATURDAY
9:00 A.M. TO 5:30 P.M.

RCA OSCILLOSCOPE

RCA CATHODE RAY OSCILLOSCOPE MODEL 155-C. INPUTS; VERTICAL AMPLIFIER, HORIZONTAL AMPLIFIER. EXT. SYNCH. CONTROLS: VERTICAL CENTERING, HORIZONTAL CENTERING, VERTICAL GAIN, HORIZONTAL GAIN, SYNCH. ADJUST. FREQUENCY, FREQUENCY RANGE, SYNCH SELECTOR, EXT. LINE, INT. HORIZONTAL INPUT, SWEEP OR AMPLIFIER. COMPLETE WITH TUBES; 2/5Y3, 2/6SJ7, 6C8, 3AP1. SIZE: 8x14x14 1/2 SHP. WT. 30 LBS. USED \$50.00



DUMONT OSCILLOSCOPE

DUMONT CATHODE RAY OSCILLOSCOPE SIGNAL INPUT ON THE X, Y, AND Z AXIS. INPUT FOR TEST PROBE. Y ATTENUATION 1:1, 10:1, 100:1. X ATTENUATION 1:1, 10:1. Z SIGNAL SELECTOR EXT BLANKING OR OFF. CONTROL FOR SYNCH SIGNAL 100-0-100, SYNCH SELECTOR; EXTERNAL, 60CYC, OR Y SIGNAL. FREQ. RANGE X SIGNAL INPUT 15, 60, 220, 900, 3K, 10K, 30K. FREQ. VERNIER; CONTROLS FOR INTENSITY, FOCUS, Y POSITION, X POSITION, X AMPLIFIER OR TERMINALS, Y AMPLIFIER OR TERMINALS. COMPLETE WITH TUBES, LESS PROBE. TUBES 6J5, 5Z3, 6V6, 80, 2/6AC7, 3/6SN7, 6Q5, 6SJ7, 4/6AG7, 5UP1. SIZE 19x15x11 SH. WT. 95 LBS. USED \$75.00

LABORATORY FOR ELECTRONIC OSCILLOSCOPE

LABORATORY FOR ELECTRONICS CATHODE RAY OSCILLOSCOPE MODEL 40E IS A HIGH GAIN, WIDE BAND LABORATORY INSTRUMENT DESIGNED FOR THE REPRODUCTION OF PULSES AND COMPLICATED WAVEFORMS. SPECIFICATIONS: INPUT IMP: 1 MEGOHM. W/PROBE 10 MEGOHM. MAX SIGNAL INPUT: 600 VOLTS PEAK. VIDEO AMP: DEFLECTION SENS. 15 MV/CM. FREQ. RES. DC TO 10 MEGACYCLES. EXT SWEEP INPUT: DEFL SENS 3V/CM. BANDWIDTH: 1 TO 500 CYCLE. INT & EXT TRIGGERED SWEEPS AVAILABLE. DELAYED SWEEP 2-5000 USECS. CALIBRATING VOLT; LINE FREQ. SQ. WAVE. Z AXIS INPUT SENS 15V PEAK TO PEAK WILL BLANK BEAM. CATHODE RAY TUBE ACCELERATING VOLTAGE 3000 VOLTS. POWER REQUIREMENTS 105-125 OR 210 TO 250 SINGLE PHASE 50-500 CYC. SIZE 12x15x19 SHIPPING WT. 75 LBS. LESS PROBE AND POWER CORD. USED \$125.00

SPECTRUM ANALYZER

VECTRON MODEL SA-20 SPECTRUM ANALYZER IS A FLEXIBLE SUPER-HETERODYNE RECEIVER WITH A CATHODE RAY OSCILLOSCOPE OUTPUT INDICATION. A LINEAR SAWTOOTH VOLTAGE IS USED TO FREQUENCY MODULATE THE LOCAL OSCILLATOR OF THE R-F HEAD AND TO PROVIDE THE SWEEP VOLTAGE FOR THE OSCILLOSCOPE CIRCUITS. AS THE SELECTIVE RECEIVER IS SWEEP THROUGH THE SPECTRUM OF THE INCOMING SIGNAL, THE VARIOUS COMPONENTS OF AN INCOMING MODULATED WAVE ARE RESOLVED AND APPEAR AS VERTICAL PIPS ON THE OSCILLOSCOPE SCREEN. THE MODEL SA-20 IS EQUIPPED WITH A 50KC BANDWIDTH IF AMPLIFIER WHICH WILL PRODUCE GOOD RESOLUTION OF MODULATED WAVE COMPONENTS NORMALLY ENCOUNTERED IN RADAR WORK. UNIT HAS PLUG-IN RF HEAD FOR THE X BAND (8500-9600MCS). THE MODEL SA-20 SPECTRUM ANALYZER HAS A WIDE VARIETY OF USES SUCH AS; ANALYSIS OF SPECTRA OF PULSED OSCILLATOR DETECTION OF MODING AND INSTABILITY IN MICRO WAVE OSCILLATORS AND TRANSMITTING EQUIPMENT, MEASURING FREQUENCY, AND ANALYZING AFC AND MAGNETRON PULLING. VOLTAGE: 100-120 VOLTS 60 CYCLE; SIZE: 24x22x17. SHIP. WT. 160LBS. USED \$175.00



SYLVANIA OSCILLOSCOPE

TYPE 101 HYGRADE SYLVANIA CATHODE RAY OSCILLOSCOPE. CONTROLS FOR VERTICAL AND HORIZONTAL POSITION INTENSITY, FOCUS, VERTICAL GAIN, HORIZONTAL GAIN, INTERNAL SWEEP FREQ. (FINE AND COARSE), SYNCH AMP AND SYNCH. SELECTOR (EXTERNAL, LINE AND INTERNAL) COMPLETE WITH TUBES 5/6V6, 3/7N7, 884, 7C7, 6X5, 2X2, 80, 5BP1. SIZE: 20x14x9. SH. WT. 80 LBS. USED \$60.00

RADAR INDICATOR

10-93/4HG-13A. RADAR INDICATOR USING A 3" SCOPE TUBE 3BP1, 2/6H6, 6/6SN7, 1/5Y3 & 1/2X2 TUBES. POWER REQUIRED 115 VOLT 380-1600 CYCLE, CONTROLS FOR VERT. HORIZ., INTENSITY, ZERO SLOPE, MARKER AMPLITUDE, RECEIVER GAIN, YARDS RANGE, FOCUS ETC. 28 VOLT D.C. REQ. FOR BLOWER, AC OR DC FOR FILAMENT. SIZE: 8x10x16; WT: 25 LBS. NEW \$18.95

BC-603 RECEIVER

USED \$32.95
CONVERTED TO
30-45 MC \$44.95



SEE PAGE 3

SIMPSON VTVM 303

SIMPSON VACUUM TUBE VOLTMETER #303 SCALES -DCV, -DCV, ACV; 0-1.2; 12; 60; 300; 1200 VOLTS. OHMS: 0-1000/RX-1/RX-100/RX-1K/RX-10K/RX-1 MEG. 5 RANGES. DB RANGES: 20 + 23. METER SIZE 4"x4", OVERALL 5"x7"x3 WT: 7 LBS. USED \$35.00

WAVEGUIDE RATIO METER

HW-120/UPM STANDING WAVE RATIO INDICATOR IS DESIGNED FOR TEMPORARY INSERTION INTO THE SLOTTED SECTION OF DIRECTIONAL COUPLER CU-245/U TO PROVIDE MEASUREMENT OF THE OVERALL STANDING WAVE RATIO OF THE WAVEGUIDE AND THE ANTENNA SYSTEM. CHANNEL WIDTH 1 1/2 INCH. THIS INSTRUMENT IS CONTAINED IN A SEALED WATERPROOF METAL CARRYING CASE 13x7x5 1/2. WT. 10 LBS. 6/IN25 CRYSTALS INCLUDED. INSTRUCTION MANUAL INCLUDED. NEW \$34.95

GE FM TRANSCEIVER

GENERAL ELECTRIC FM TRANSCEIVERS 148-174 MC. COMPLETE WITH TUBES: 2/12AT7; 2/6AK5; 6/6BH6; 6AQ5; 2/12AX7; 6AL5; 6C4 6AQ7; 3/6BJ6; 5763; 2E26. NO ACCESSORIES AVAILABLE. ES12A1 12VDC \$69.50
SAME AS ABOVE EXCEPT; COMPLETE WITH TUBES: 6/6BH6; 6AL5; 12AX7; 2/12AT7; 5763; 12AU7; 6AQ7; 6AQ5; 6AK5; 2E26; 4/6BJ6. NO ACCESSORIES AVAIL. SH. WT. 40 LBS. ES12A2 6VDC \$55.00

MOTOROLA RECEIVER

MOTOROLA RECEIVER FMTR-80 DW-1A F.M. 30-50 MC 12 VDC WITH TUBES 4/6AK5, 2/6C4, 11/6BH6, 1/6BJ6, 1/6AQ5, 1/12AX7 & 2/6AL5. ORIGINALLY TRNS. WAS IN SAME CABINET, RECEIVER & P.S CAN ALSO BE REMOVED TO REDUCE SIZE IF DESIRED. SIZE 15x18x6; WT: 15 LBS. USED \$35.00

RECTIFIER 12 VDC

RECTIFIER POWER UNIT 12 VDC 20 AMP CONTINUOUS DUTY OUTPUT, INPUT 115/440 VOLT 60 CYCLE, 3 1/2" METERE 0-15 D.C VOLTS, 0-30 DC AMPS. COARSE & FINE CONTROLS, SELINIUM RECTIFIERS BRACKETS FOR WALL MTG. SIZE: 12x17x11; WT: 70 LBS. NEW NAVY#6130-542-6140; Mod. #S20-GS12VN \$45.00



SIGNAL GENERATOR

STARK MODEL 10-A RF SIGNAL GENERATOR. OUTPUT IS AUDIO, PURE RF, OR MODULATED RF OVER A RANGE OF AUDIO OR 95KC TO 144 MC. POWER REQUIRED 115V 25-60 CYCLES. SIZE 15 1/2x12x6 1/2 30 LBS. USED \$50.00



STARK VTVM TA-1

STARK VACUUM TUBE VOLTMETER MODEL TA-1 MEASURES THE FOLLOWING QUANTITIES. AC AND DC VOLTAGES (PLUS AND MINUS) 3, 12, 30, 120, 300, 1200 VOLTS; CURRENT RANGES 3, 12, 30, 120, 300 1200 MA. RESISTANCE RANGES R1 R10, R100, R1K, R10K, R100K R1M. CAPACITANCE Cx1uF, x10 x100uF, x10uF, x1uF. C-100uF, C-10uF. 115V 60CYC 7x9x12 18 LBS W/ACAND DC PROBES. USED \$50.00



COSSOR OSCILLOSCOPE

AC COSSOR OSCILLOSCOPE MODEL 1035 INPUTS A1 500V MAX. A2 500V MAX, CAL; TRIGGER OR SYNC. A2 OUTPUT OR AC TO Y, CONTROLS FOR BRIGHTNESS; FOCUS; TRIGGER SYNC; TIME BASE FREQ.; A1 VOLTS; A1 VOLTS RANGE; A2 VOLTS A2 VOLTS RANGE; TIME SCALE; TIME RANGE; EXT. SCAN; SYNCH SELECTOR, REPETITIVE TIME BASE EXT OR TRIGGERED. 13 TUBES PLUS CRT OF BRITISH MANUFACTURE. WE WILL SUPPLY INFORMATION ON AVAILABILITY OF THESE TUBES. 115V 60 CYC. 21x16x11 1/2 SH. WT. 95 LBS. \$75.00



TWIN BEAM OSCILLOSCOPE

COSSOR LIMITED-MODEL 1037X TWIN BEAM OSCILLOSCOPE. TIME RANGE 2, 6, 20, 60, 200M SECS, 600, 200, 60 EXT. USECS. CONTROLS FOR A1 VOLT RANGE 600, 200, 60, 20, 6, 2. A2 VOLT RANGE 60, 20, 6. TIME SCALE, SYNCH FREQ., BRILLIANCE, FOCUS. 80-230 VOLTS 25-2400CYC. SIZE: 6 1/2 x13 1/2x19 1/2 SH. WT. 60 LBS. COMPLETE WITH TUBES: 2X2, 2/6AQ5, 2/12AU7, 6X4, 6AS6, 6AT6, CRT TYPE 89D. USED \$35.00

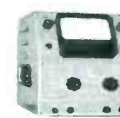


AUDIO GENERATOR

MEASUREMENT ENGINEERING AUDIO GENERATOR AG-3 FREQUENCY RANGE 35 TO 350 350-3500. 3500-35000 CPS IN 3 RANGES OUTPUT CONTROL VARIES AMPLITUDE OF SIGNAL. COMPLETE WITH TUBES: 6SJ7, 6K6, 6V6, 6SF5, 5U4. SIZE: 18x14x8 FOR 115V 60CYC. SH. WT. 49LBS. USED \$50.00



CRITERION E6300 VTVM MFG. BY CANADIAN RESEARCH INSTITUTE. RANGES. ACV; 0-3, 12, 30, 120, 300, AND 1200 V. DCV; 0-3, 12, 30, 120, 300, 1200VDC MA: 0-3, 12, 30, 120, 300, 1200MA OHM; R1, R10, R100, R1K, R10K, R100K, R1MEG. CAPACITANCE SCALES: Cx100uF, Cx10uF, Cx1uF Cx0.1uF, Cx0.01uF, Cx0.001uF, Cx100pF. METER 4 1/2" IN. SIZE: 8 1/2x8 1/2x3. WT: 18 LBS. 115VOLTS 60 CYC. \$ 85.00



STARK MULTIMETER

STARK MODEL KM MULTIMETER 20,000 /V DC. 1000 /V AC. AC & DC VOLT AGE RANGES: 2.5, 10, 50, 250, 1000V CURRENT RANGES: 100uA, 1mA, 10mA, 100mA, 500mA, 1AMP, 10AMP. 500MV RESISTANCE; R-10, R, R10, R1000 DB SCALE; -18 TO 3DB. SWITCH FOR AC, DC, AND DC REVERSE. ZERO SET. 3 1/2x4 IN. METER SH. WT. 12 LBS. USED: \$19.95



CANADIAN CUSTOMERS: THE ABOVE ITEMS ARE OF CANADIAN MANUFACTURE, AND ARE NOT SUBJECT TO CANADIAN DUTIES.

TCS EQUIPMENT



NAVY TCS TRANSMITTER AM
1.5 MC TO 12 MC IN THREE (3) BANDS, CW 40 WATTS, VOICE MODULATION 20 WATTS, MASTER OSCILLATOR VARIABLE AND CRYSTAL CONTROL ON 4 PRESET CHANNELS IN THE ENTIRE FREQ. RANGE. USES 3/12A6 IN OSCILLATOR & BUFFER-DOUBLER, 4/1625 IN MODULATOR & POWER AMPLIFIER STAGES, 2 1/2" METERS FOR PA PLATE 0-2000C RF METER 0-3, ALL TUNING AND OPERATING CONTROL ON FRONT PANEL. VOLTAGES REQUIRED FOR OPERATION 12 VDC & 400-440 VDC 200 MA. W/TUBES. SIZE: 11 1/2 x 11 1/2 x 13 1/2; WT: 41 LBS. USED \$34.50

NAVY TCS RECEIVER AM
1.5 MC TO 12 MC IN TWO (2) BANDS VARIABLE FREQ. OSCILLATOR AND CRYSTAL CONTROL ON FOUR (4) PRESET CHANNELS IN THE ENTIRE FREQ. RANGE. AUDIO OUTPUT 1.5 WATTS INTO 500 OHM LOAD, USES TUBES 12SK7 RF AMP, 12SA7 CONVERTER 2/12SK7 IF AMP, 12SQ7 DETECTOR BFO, 12A6 OSCILLATOR, 12A6 AUDIO AMP. 456 KC IF FREQ. LARGE VERNIER & SPIN DIAL, AUDIO GAIN, AVC, BFO AND ALL CONTROLS ON THE FRONT PANEL. VOLTAGES REQUIRED 12 VDC & APPROX. 220 VDC 100 MA. SIZE: 11 1/2 x 11 1/2 x 13 1/2; WT: 37 LBS. USED \$44.95



NOISE LIMITER CONVERSION KIT
W/6H6 TUBE \$2.



TCS REMOTE CONTROL UNIT TYPE 23270, CONTAINS ALL NECESSARY COMPONENTS FOR CONTROL OF RECEIVER, TRANSMITTER & AMPLIFIER SUCH AS SWITCHES, VOLUME CONTROL ALSO HEAVY MAGNET 5" PM SPEAKER, MIC & PHONE JACKS ETC. SIZE: 3 1/2 x 5 1/2 x 7 1/2; WT: 7 LBS. PRICE: RE-NEW \$9.95

TCS DUAL DYNAMOTOR POWER SUPPLY
INPUT 12 VDC 14.5 AMP. OUTPUT 440 VDC 200 MA. FOR TRANS. 225 VDC 100 MA. FOR REC., FILTERED INPUT & OUTPUT WITH START RELAY & CONNECTORS FOR CONNECTING REC. TRANS. & CONTROL BOX. RE-NEW SIZE: 12 1/2 x 7 x 7 1/2; WT: 35 LBS. PRICE: \$14.95



TCS CABLES RECEIVER TO POWER SUPPLY \$2.75
" TRANSMITTER TO " " " 2.75
PLUGS FOR CONTROL BOX & " " (2) 3.00

TCS ANTENNA LOADING COIL #47205; USED TO MATCH THE OUTPUT OF THE REC./TRANS. TO A WHIP ANTENNA TO OBTAIN THE MAXIMUM PERFORMANCE. OR BY USE OF THE 6 POSITION TAP SWITCH IT CAN BE USED TO MATCH VARIOUS LENGTHS OF STRAIGHT WIRE ANTENNA SYSTEMS. SIZE: 6 x 9 x 6 1/2; WT: 7 LBS. PRICE: USED \$6.95

NAVY WALKIE TALKIE



NAVY WALKIE-TALKIE TRANSMITTER & RECEIVER. THIS EQUIPMENT IS CRYSTAL CONTROLLED AND CAN BE OPERATED ON ANY ONE CHANNEL IN THE FREQUENCY RANGE OF 2.3 TO 4.5 MC. VOICE (A3) COMMUNICATION ONLY. OUTPUT OF TRANS IS 0.2 WATTS AND SATISFACTORY COMMUNICATION BETWEEN UNITS OVER AVERAGE TERRAIN SHOULD BE ABLE TO BE MAINTAINED UP TO APPROX. (1) ONE MILE. WITH TUBES 1/1R5, 1/1S5, 2/1T4, 3/3S4. VOLTAGES REQUIRED 67.5 VDC 3 MA; 135 VDC 4 MA; 1.5 VDC 225 MA FOR REC. 67.5 VDC 1.5 MA; 135 VDC 19 MA; 1.5 VDC 225 MA & -6VDC 30 MA FOR TRANSMIT. UNIT COMES IN A WATERPROOF PLASTIC CASE WITH SPACE FOR BATT. OR POWER SUPPLY. TELESCOPING ANTENNA 8 FT. HAS SPEC. LOADING COIL. COMPLETE WITH TUBES, ANTENNA, 2 CRYSTALS FT-243 (NO CHOICE OF FREQ.) HEADPHONES, CARBON MICROPHONE, CANVAS COVER, \$12.50 & MANUAL. SIZE 8x8x2 1/2; WT: 8 LBS.

NAVY WALKIE-TALKIE DIRECTION FINDER MODEL "DAV". SAME AS "MAB" ONLY HAS A DIRECTION FINDING LOOP CIRCUIT FOR HOMING AND IS IN A WATERPROOF PYWOOD CASE WITH WEB STRAPS FOR CARRYING ON BACK OR CHEST. ALSO COMPLETE WITH TUBES, 2 CRYSTALS (NO CHOICE OF FREQ) HEADPHONES, LIP MIC. 8' TEL ESCOPING ANTENNA & MANUAL. SIZE: 14x10x3; WT: 11 LBS. \$12.95



HEADSET



H-113/U HEADSET 600 OHM SOFT PLASTIC EAR CUSHIONS, 18" CORD WITH PL-54 PLUG, THAT FITS JK-26 JACK, WT: 3 LBS. USED EXCELLENT \$3.95

CD-307 HEADSET EXTENSION CORD, 5 1/2" WITH JK-26 JACK & PL-55 PLUG. USED \$1.00

H-62 HEADSET SAME AS H-113 ONLY IN BLACK AND HAS PROVISIONS FOR SNAPPING ON LIP MICROPHONE CW51071 LISTED BELOW. USED CHECKED \$3.95

MICROPHONE

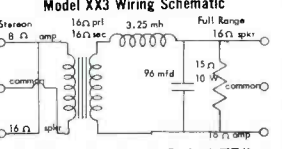
CW51071 LIP MICROPHONE 100 OHMS IMPEDANCE WITH 2 SNAPS FOR FASTENING TO H-62 HEADSET, 14" CORD & PL-291 PLUG FOR PLUGGING INTO EXTENSION CORD CW49561, LISTED BELOW, USED \$1.00

CW-49561 MIC. EXTENSION CORD, 5 FT. WITH PL-48/291 JACK AND PL-68 PLUG ALSO MOMENTARY SWITCH. NEW \$1.50

M/A CARBON MIKE. 75 OHM IMPEDANCE. MIKE FITS OVER MOUTH TO ELIMINATE BACKGROUND NOISE. FREQ. RES. 400-3200 CPS. 15 1/2" IN CORD W/PL-291 PLUG. USE WITH CD-318 EXTENSION CORD. ORDER ON PG. 6. 5962-242-9960 NEW \$2.50

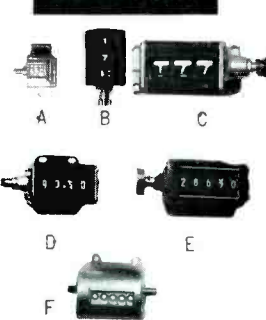
LAFAYETTE ELECTRONIC SWITCHING PUSH TO TALK MIKE, SHURE MODEL NO. CA9R HIGH OUTPUT CERAMIC MIKE PLASTIC CASE, COILED CORD, FIVE PRONG PLUG AMPHENOL PLUG UNUSUED \$5.95

HANDSET H-22/U WITH CORD, PL-68 MIC. & PL-55 PHONE PLUGS. BUTTERFLY SWITCH. NEW \$4.95
HANDSET HOLDER RUBBER COVERED AS ILLUSTRATED \$1.50
CAST ALUMINUM \$2.00



ELECTRO-VOICE XX3 FILTER IS AN AUDIO FREQUENCY FILTER THROUGH WHICH TWO AUDIO AMP ARE CONNECTED TO TWO SPEAKER SYSTEMS. THIS FILTER DIRECTS ALL BAS FREQENCIES BELOW 300CPS TO ONE SIDE OF THE SYSTEM WHILE THE HIGHER FREQUENCIES ARE PASSED WITH OUT CHANGE TO BOTH THE SYSTEMS. IN A STEREO SYSTEM THIS ELIMINATES THE NEED FOR TWO FULL RANGE SYSTEMS. CAN BE ADAPTED FOR OTHER USES. WT. 8 LBS. 5 1/2 x 4 1/2 x 5 1/2 EVXX3F NEW. \$2.95

COUNTERS



- A. 3 DIGIT COUNTER. 1/8" SHAFT. EACH NUMERAL 1/8 IN. SIZE: 1 1/2 x 1 1/2. STK#CBSH334 \$.75
- B. 3 DIGIT COUNTER. FOR VERTICAL MOUNTING. 3/8 IN. GEAR ON SHAFT. EACH NUMERAL 1/8". 1 1/2 x 1 1/2 - 1/8 STK#CBSH173 \$.79
- C. 3 DIGIT COUNTER WITH BEVELED GEAR 2 1/2 x 1 1/2. NUMERALS 1/2 x 1/2 IN. STK#CBSH177 \$ 1.00
- D. 3 DIGIT COUNTER W/DIGITS 10THS, ONES, TENS. 100 THS DIGIT REMAINS 0. 1/8 IN. NUMERALS. 2x 1/2 x 1 STK#CBSH9030 \$.75
- E. 4 DIGIT COUNTER W/MOVE ABLE DIGITS, 10'S, 100'S 1000'S, 10,000'S. ONES DIGIT REMAINS 0. 1/8" IN. NUMERALS. 2 1/2 x 1 1/2 x 1/8 IN. SHAFT. STK#CBSH2867 \$ 1.25
- F. 5 DIGIT COUNTER W/3/16 IN. SHAFT EXTENDING 1/2" AT EACH END. 99999-0 DESCENDING ONLY. 1/8" NUMERALS. 1 1/2 x 1 1/2 x 1/2 STK#CBSH00000 \$ 1.00



1
5 6+8
12 13

BA FLUT

- 3" FLUTED AND 4" MOVABLE (CAL BRASS INSE KNBN001) E
- 1 1/2" DIA. MOVABLE 34L-0-34R. 3/16 DIA. KNBN002
- 1" DIA. IN. NON-L BR DIA. HOLE KNBN003
- 1 1/2" DIA F POINTER, IN. SHAFT. KNBN004 E
- 1 1/2" DIA F SKIRT AND SERT FOR KNBN005
- 1 1/2" DIA F BRASS INSE KNBN006
- 1" DIA. F POINTER, 3/8" SHAFT. KNBN007
- 1" DIA FL BRASS INSE KNBN008
- ALL THE A SET SCREW

SPI

2" DIA. M KNOB FOR KNBN009

1 1/2" DIA. WITH CALI 0-100 IN. FOR 3/8" KNBN010

METAL SPI TO BE ATT KNOB OR D CONVERTS KNBN011

METAL KNC FITS 1/8" SCREWS. KNBN030

BAKELITE 5/8" DIA. 3/8" SHAFT. KNBN031

5/8" DIA. IN. THICK SCREW TYF KNBN032

TIMER

TIMER CLOCK ACCURATE MOVEMENT DRIVEN BY SYNCHRONOUS MOTOR. CONTACTS TO AUTOMATICALLY TURN OFF A UNIT WHICH IS CONNECTED ACROSS T CONTACTS. MAXIMUM TIME ON, IS SIX HOURS. THIS CLOCK HAS MANY USES IN THE HOME AND SHOP. ALL CONTROLS ON FRONT. HAS SWEEP SECOND HAND. FACE, 4 1/2 x 3 1/2; 2 1/2" DEEP. 115V 60CYC. 4 LBS. \$2.95

FLEXIBLE COUPLING

- 1 CERAMIC INSULATED FLEXIBLE COUPLING FOR 13,500 VOLT FLASHOVER. 2 5/8" x 2 3/8" FOR 1/4" TO 3/8" SHAFTS. COUN001 EA. \$.50
- 2 METAL FLEXIBLE COUPLING 2" X 1 1/2" FOR 1/4" TO 3/8" SHAF COUN002 EA. \$.40
- 3 INSULATED FLEXIBLE COUPLING 1" x 1 1/2" FOR 1/4" SHAFT. COUN003 \$.25
- 4 SAME AS ABOVE, BUT NOT INSULATED COUN004 \$.25
- 5 METAL FLEXIBLE COUPLING FIT 1/2" TO 3/8" SHAFTS. 1" DIA. 1 1/2" LONG. COUN005 \$.25

LOW LOW PRICES

NEW ITEMS

FAIR RADIO SALES CO., Box 1105, 1016 East Eureka, LIMA, OHIO 45802

STORE HOURS
MONDAY THRU SATURDAY
9:00 A.M. TO 5:30 P.M.

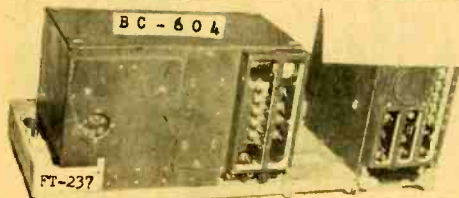
WINTER '67 SUPPLEMENT

Telephone Area Code 419 - 223-2196

FM

TRANSMITTERS-RECEIVERS

AM



BC-604 TRANSMITTER

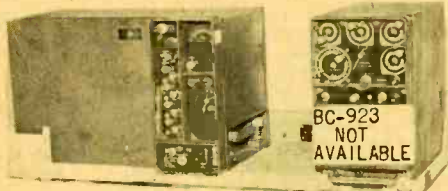
FREQ. RANGE 20-27.9 MC OUTPUT APPROX. 30 WATT. 10 CRYSTAL CONTROLLED CHANNELS. FREQ. 54 TIME CRYSTAL FREQUENCY. 12 VOLT DC OPERATION WITH DM-35 DYNAMOTOR; 24 VOLT DC OPERATION WITH DM-37 DYNAMOTOR. BATTERY DRAIN 20A. ON 12 VOLT TUBE LINEUP; 1619 DOUBLER, 1619 TRIPLER, 1619 1ST RF AMPLIFIER, 1619 RF RECTIFIER, 1624 POWER AMPLIFIER. SIZE: 18" L x 11 1/2" H x 10 3/8" D. WT: 60 LBS. LESS DYNAMOTOR. RE-NEW \$7.95

BC-684 TRANSMITTER

SAME AS BC-604 FREQUENCY RANGE 27 TO 39.1 MC USED \$6.95

BC-924 TRANSMITTER

RE-NEW \$12.95



FREQ. RANGE 27 TO 39.1 MC. 12 VOLT DC OPERATION. VOLTAGE REGULATED M.O. CIRCUIT. SLUG TUNED COILS HI AND LOW OUTPUT SWITCH. 30 WATT OUTPUT ON HI POSITION. CONTAINS INTERPHONE AMPLIFIER. SCHEMATIC ENCLOSED IN CABINET. TUBE LINEUP: 6SJ7 OSCILLATOR, 6J5 MODULATOR, 6SJ7 BUFFER, 6AG7 AMPLIFIER, 815 DOUBLER, 815 FINAL, 7SL7 1ST AUDIO, 6V6 2ND AUDIO, VR150 VOLTAGE REGULATOR. VOLTAGE REQUIRED 12 OR 24 VDC AND 400 VDC @ 400 MA. SIZE: 18" L x 11 1/2" H x 10 3/8" IN. D WT: 52 LBS

FT-237 MOUNTING BASE

RE-NEW \$7.95

SHOCK MOUNT BASE TO HOLD ONE BC-924 TRANSMITTER AND ONE OR TWO BC-923 RECEIVER OR, ONE BC-603 RECEIVER. SOCKETS ON THE BASE WILL MAKE ALL OF THE NECESSARY CONNECTIONS TO THE SETS. TERMINAL BLOCK MOUNTED ON THE BASE FOR REMOTE CONTROL CABLE. WT: 44 LBS SIZE: 11 3/4" W x 1 3/4" H x 33 5/8" L.

IDENTIFICATION SET

RT-82/APX-6 RADAR IDENTIFICATION SET RECEIVER-TRANSMITTER COVERING RANGE OF 950-1150 MC. IF FREQ. 59.5/1.5 MC. (CAN BE CONVERTED TO 1215 MC. QST FEB. '61, SEPT. '60; 1296 MC. QST JUNE '61) WITH (30) TUBES 6/6J6, 1/6A66, 1/3E29, 3/6AL5, 1/5Y3, 2/3B24, 3/6AL5, 2/12AU7, 7/6AK5, 1/2C42, 1/2C46, 1/1B40, 1/1N-43, 1/1N-25. DIGIT COUNTERS ON TUNERS FOR TRANS-REC-LO FREQ. CONTROLS. VOLTAGE REQUIRED 24 AND 115 400/800 CYCLE. SIZE: 13x13x10; WT: 45 LBS. PRICE: USED WITH TUBES \$16.95

BC-603 RECEIVER

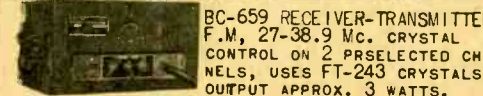
BC-603 RECEIVER F.M 20-27.9 MC CONTINUOUS TUNING & 10 PRESET PUSH BUTTON CHANNEL SELECTOR. WITH SENSITIVITY SQUELCH & VOLUME CONTROLS, 2 WATT OUTPUT TO SELF CONTAINED SPEAKER, ONE (1) MICROVOLT SENSITIVITY, 2.65 KC 3/6AC7, 1/6J5, 2/12SG7, 2/6SL7, 1/6H6 & 1/6V6GT. VOLTAGE REQUIRED 12/24 VOLTS FOR FILAMENTS, 220 VDC @ 80 MA. FOR HIGH VOLT. SIZE 11 1/2 x 6 1/2 x 12 1/2; WT: 35 LBS. USED

AC POWER SUPPLY FOR BC-603 TRANSFORMER TYPE PLUGS INTO SAME PLACE AS DYNAMOTOR, NO CONVERSION REQUIRED ACCEPT ADDING SWITCH, W/INSTRUC W/INSTRUC \$14.95 KIT OF PARTS \$10.00 DM-34 DYNAMOTOR FOR 12 VOLT D.C OPER. N \$4.95 DM-36 " " 24 " " " N \$4.95



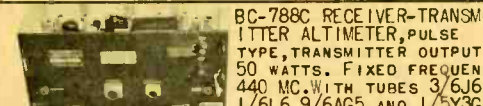
T-91/VRC-4 TRANSMITTER, AM, 25 W. CW/PHONE, 4 CRYSTAL CONTROLLED CHANNELS IN THE BAND OF 1.7 TO 8.7 MC. OR A TUNEABLE CHANNEL VARIABLE 4.0 TO 7.0 MC. WITH TUBES 1/6V6, 2/6L6 & 1/807 NO POWER SUPPLY, REQUIRES APPROX 600 VDC FOR B SUPPLY AND 6 VOLTS FOR FILAMENTS. SIZE: 15 1/2 x 11 x 14 1/2; WT: 50 LBS. UNUSED R-114/VRC-4 RECEIVER AM, 4 CRYSTAL CONTROLLED CHANNELS 1.7 TO 8.7 MC. ONE TUNEABLE CHANNEL 190 TO 510 KC. IF FREQ. 525 KC. FOR CW/PHONE WITH SPEAKER & TUBES 4/6SK7.1 8.2/6SQ7 & 1/6K6. VOLTAGE REQUIRED 6 V & APPROX 220 VDC SIZE: 15 1/2 x 11 x 14 1/2; WT: 40 LBS. UNUSED

T/91/VRC-4 Trans. & R-114/VRC-4 Rec. \$49.50



BC-659 RECEIVER-TRANSMITTER F.M., 27-38.9 MC. CRYSTAL CONTROL ON 2 PRESELECTED CHANNELS, USES FT-243 CRYSTALS, OUTPUT APPROX. 3 WATTS. SELF CONTAINED SPEAKER, MIC & PHONE JACKS. W/TUBES 1/1LH4, 1/1LC6, 4/1LN5, 2/1291, 4/1299, 1/1291, W/TUBES, SPEAKER & METER. REQUIRES PE-117 OR PE-120 POWER SUPPLY FOR OPERATION FROM 6/12 VOLT. SIZE: 15x13x7; WT: 30 LBS. PRICE: REC-TRANS. ONLY USED \$14.95 RN \$17.95 REC-TRANS. W/POWER SUP. " 18.95 RN \$21.95

PE-117 POWER SUPPLY ONLY USED 5.95 RN 7.95 PE-120 " " " " 5.95 RN 7.95 PE-97 " " " " 5.95 RN 7.95 CS-79 BATTERY CASE EMPTY " 1.00 RN 1.95 BX-40 CRYSTAL CASE " " RN 1.95 AN-45 TELESCOPING ANTENNA 8 FT. " " N 2.95



BC-788 RECEIVER-TRANSMITTER ALTIMETER, PULSE TYPE, TRANSMITTER OUTPUT 50 WATTS. FIXED FREQUENCY 440 MC. WITH TUBES 3/6J6, 1/6L6, 9/6AG5 AND 1/5Y3GT OPERATES FROM 115 VOLT 400 TO 2400 CYCLE. SIZE: 15 1/2 x 9 x 8; WT: 13 LBS. PRICE: USED \$18.95

ILLUSTRATED AIRBORNE EQUIPMENT DESIGN TO RECEIVE RADIO SIGNALS TO DELIVER AURAL & VISUAL INDICATION OF THE RECEIVED SIGNAL TO THE PILOT OF THE AIRCRAFT IN WHICH IT IS INSTALLED. FORM THESE INDICATIONS THE PILOT CAN ACCURATELY CHECK IN RESPECT TO A PARTICULAR RADIO RANGE STATION. THE RECEIVED SIGNAL IS FIXED FREQ. 75 MC. A-M MODULATED AT 400, 1300 OR 3000 CPS. AND OPERATES FROM 24 VOLTS DC FOR FILAMENTS AND B VOLTAGE. COMPLETE WITH TUBES 5/6AJ5, 2/6AL5W & 2/2B07. HAS CRYSTAL CONTROLLED OSCILLATOR WITH 6.9 MC., IF FREQ SIZE: 10x5x5; WT: 8 LBS. PRICE: USED \$4.95

R-122/ARN-12 THE RECEIVED SIGNAL IS FIXED FREQ. 75 MC. A-M MODULATED AT 400, 1300 OR 3000 CPS. AND OPERATES FROM 24 VOLTS DC FOR FILAMENTS AND B VOLTAGE. COMPLETE WITH TUBES 5/6AJ5, 2/6AL5W & 2/2B07. HAS CRYSTAL CONTROLLED OSCILLATOR WITH 6.9 MC., IF FREQ SIZE: 10x5x5; WT: 8 LBS. PRICE: USED \$4.95

R-48/TRC-8 RECEIVER

R-48/TRC-8 RECEIVER F.M 230 TO 250 MC. ONE BAND VARIABLE TUNING, SPEAKER PHONE JACKS, SQUELCH CIRCUIT. WITH TUBES 8/6AG7, 1/9002, 1/504, 1/6V6 1/VR-150, 1/6N7, 1/6SN7, 1/6AL7. OPERATES FROM 115 VOLT 60 CYCLE. SIZE: 20x19x16; WT: 75 LBS. PRICE: WITH TUBES, \$34.95 WITH TUBES, LESS METER, LESS DIAL \$19.95

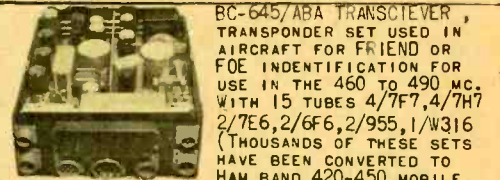
RT-18 ARC-1 AM TRANS.

AIRCRAFT RECEIVER-TRANSMITTER AM 100 TO 156 MC CRYSTAL CONTROLLED ON TEN PRESELECTED CHANNELS, 30 WATT CW & PHONE. WITH TUBES 18/6AK5, 2/6C4, 2/6V6 2/6J6, 2/12A6, 2/832, 12SL7 VOLTAGE REQUIRED 24 VDC & 360 VDC 135 MA. SIZE: 21 1/2 x 10 1/2 x 7 1/2; WT: 40 LBS. USED 10 CHANNEL... \$49.50

COMPASS SYSTEM



REMOTE READING MAGNESYN COMPASS SYSTEM, AIRCRAFT TYPE. CONSISTS OF A MAGNESYN COMPASS THAT TRANSMITS TO A 3" INDICATOR THAT IS CALIBRATED IN DEGREES --- N-S-E-W AND IS OPERATED BY THE 12 VOLT D.C INVERTER THAT IS SUPPLIED WITH THE SET. SHPG. WT: 15 LBS. PRICE WITH TRANSMITTER, INDICATOR, INVERTER AND MANUAL... \$32.95



BC-645/ABA TRANSCIEVER, TRANSPONDER SET USED IN AIRCRAFT FOR FRIEND OR FOE IDENTIFICATION FOR USE IN THE 460 TO 490 MC. WITH 15 TUBES 4/7F7, 4/7H7 2/7E6, 2/6F6, 2/955, 1/W316 (THOUSANDS OF THESE SETS HAVE BEEN CONVERTED TO HAM BAND 420-450, MOBILE FIXED 450-460, CITIZENS 460-470, TV EXP. 470-500) SIZE: 6 1/2 x 11 x 14; WT: 20 LBS. PRICE: UNUSED \$4.95

CARRIER MONITOR

WHEN COUPLED TO TRANSMISSION LINE PROVIDES DC/AUDIO CURRENT TO LOCAL OR REMOTE POSITION. TWO VACUUM CAPACITORS 3 MMFD 15 KV. ARE SUPPLIED FOR 500 TO 50M WATT TRANSMITTER 2 TO 30 MC. INPUT/OUTPUT IMPEDANCE 600 OHM LINE. OPERATES 115/230 V 60 CYC. WITH TUBES 1/6AL5, 1/6X4, 1/6U6, 1/V103. ALSO OUTPUT JACKS ETC. OUTPUT JACKS & CONTROLS. P/N 1028017; SIZE: 6X6 1/2 X 8 1/2; WT: 15 LBS. PRICE: UNUSED \$8.95 LESS 2 VACUUM COND. \$5.95

TELEPHONE REMOTE CONTROL

TELEPHONE REMOTE CONTROL UNIT WITH HANDSET. UNIT HAS INPUTS FOR TWO MIKES AND ONE RECEIVER, WITH CONNECTION AT TERMINAL BOARD FOR KEYS. AUDIO OUTPUT 1.3 WATTS INTO 600 OHMS. MAY BE USED FOR INTERCOM. POWER REQUIREMENT 115 VOLTS 60, 25 CYC OR DC. TUBES 2/35L6, 35Z5. COMPLETE WITH SPARE PARTS IN WOOD CASE, 9x9x8. SPARE PARTS SET CONTAINS SPARE TUBES, CAPACITORS, RESISTORS, SWITCHES AND JACKS. INSTRUCTION MANUAL INCLUDED. SIZE: 13x12x11 1/2. WT. 55 LBS. NEW \$16.95 #CAY 23304 NEW \$16.95

T-30/TRC-8 TRANSMITTER

T-30/TRC-8 TRANSMITTER F.M 12 W. 230 TO 250 MC. CONTINUOUS TUNING, NOT CRYSTAL CONTROL, FREQ. DEV. 100 KC. OPERATES FROM 115/230 V. 50/60 CYC. USING PP-115/TRC-8 POWER SUPPLY. TRANSMITTER TUBES 3/829B, 1/6H6, 2/6SN7, PP-115/TRC-8 2/5U4G TUBES. TRANS. SIZE WITH POWER SUPPLY 12x20x12; WT: 80 LBS PRICE: USED LESS TUBES \$24.95 TM-11-618 MANUAL FOR TRC-8 REC. & TRANS. \$3

AM-26/AIC

AUDIO AMPLIFIER USED IN AIRCRAFT FOR INTER-COMMUNICATION. CARBON MICROPHONE INPUT, HIGH & LOW IMPEDANCE OUTPUT WITH VOLUME CONTROL. NORMALLY OPERATES FROM 24 VOLTS DC FOR FILAMENTS AND 250 VOLTS DC 60 MA. FOR B THAT WAS SUPPLIED BY A DM-32 DYNAMOTOR THAT WAS MOUNTED ON THE BACK. COMPLETE WITH TUBES 2/12J5 & 2/12A6. FOR CONVERSION TO 9 WATT AMPLIFIER SEE SURPLUS CONVERSION MANUAL #2 PRICED AT \$3.00) SIZE: 9 1/2 x 5 1/2 x 5 1/2; WT: 6 1/2 LBS. USED \$3.95

ARC-5

COMMAND RECEIVERS—TRANSMITTERS

The COMMAND SET series of transmitters and receivers are the most popular surplus items on the market to-day.

The series consist of several units covering the frequency range of 190 KC to 9.1 MC for the receivers and 2.1 to 9.1 MC for the transmitters.



R-26/ARC-5 RECEIVER
3 to 6 MC.
WITH C-131/AR ELECTRIC OR MANUAL CONTROL FOR 24 V.D.C. OPERAT. WITH CONN. PLUG.
PRICE: GOV'T OVERHAUL....\$24.95

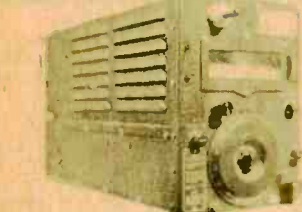
The receivers are six tube superhets using the following tubes, 1/12A6, 2/12XBY, 3/12SK7 & 1/12SR7. Designed to operate from 24 VDC dynamotor, which mounted on the rear of the set, supplying 250 VDC 60 MA.
Size of set 5 x 5 x 11 WT. 6 lbs.



R-24/ARC-5 520-1500 KC NEW \$40.00
R-25/ " 1.5-3.0 MC " 24.95
BC-454 3.0-6.0 MC " 24.95
BC-455 6.0-9.1 MC R-C 14.95
Gov't RE-CONDITION W/DYN. 14.95
R-28/ARC-5 100-156 MC USD 22.95

TRANSMITTERS

The transmitters with proper use can put out 50 watts or CW and watts on voice, with the use of the BC-456 modulator which is a separate unit. Dynamotor used with equipment is a DM-33 24 VDC input output 575 VDC 175 MA & mounts on the modulator. Tubes used 2/1625, 1/1626 & 1/1629 magic eye tube for crystal calibration
Size 5 x 7 x 12 WT. 9 Lbs



T-18/ARC 2.1 to 3.0 mc new \$12.95
used 9.95
BC-696 3.0-4.0 MC
Gov't RE-CONDITIONED \$12.95
T-20/ARC 4.0 to 5.3 mc used 6.95
new 9.95
T-21/ARC 5.3 to 7.1 mc used 6.95
new 9.95
T-23/ARC 100 to 156 mc new 24.95
T-22/ARC-5 7-9.1 mc. UNUSED 18.95

BC-456 MODULATOR; FOR USE WITH COMMAND TRANSMITTERS WITH TUBES 2/1625, 1/12J5GT & 1/VR-150 VOLTAGE REGULATOR.
Size: 7x8x10; WT: 11 LBS. USED \$3.95

AC 115 VOLT 60 CYCLE POWER SUPPLY FOR COMMAND RECEIVERS WITH SPEAKER, VOLUME CONTROL, CW, CONNECTOR PLUG ETC. (SEE PAGE 20) \$18.95

35x032 DYNAMOTOR 12 VOLT. \$ 4.95
DM-32 " 24 V. U. \$2.95 N 4.95
SPIN TUNING KNOB FOR REC. 1.00
CONNECTOR PLUGS F/REC-TRANS. 1.50

C-26/ARC CONTROL BOX 1 REC. U1.50
BC-496 " " 2 " N1.95
BC-451 " " 1 TRA. U1.50

BC-450 CONTROL BOX 3 RECEIVER 2.00

AMPLIFIER

AM203B/ARA-19 AMPLIFIER; PART OF REMOTE COMPASS TUNING SYSTEM AS USED WITH ARN-6 RADIO COMPASS. PROVIDES AN ACCURATE MEANS OF TUNING ELECTRICLY. WITH 2/26A7 TUBES 1/12SN7 TUBE. OPERATES FROM 24 VOLT D.C. ALSO HAS 3 SEALED RELAYS, COND. RES. ETC.
SIZE: 5x6x4; WT: 5 LBS. RE-NEW \$3.95



COMMUNICATION RECEIVER



BC 348

BC-348 AIR FORCE COMMUNICATION RECEIVER; A.M. SIX (6) BANDS 200 KC. TO 500 KC. & 1.5 MC. TO 18 MC. W/CRYSTAL PHASING, ANTENNA ALIGN, BEAT OSCILLATOR AND AUDIO GAIN CONTROLS, VERNIER AND SPEED TUNING, AVC & M.V.C, PHONE AND SPEAKER JACKS, LARGE ILLUMINATED DIAL, WITH TUBES 1/6 J7, 3/6K7, 1/6C5, 1/6K6, 1/6B8, 1/6F7. VOLTAGE REQUIRED 24 VOLTS AND 220 VDC & 70 MA.
SIZE: 18x10x9; WT: 40 LBS. (PRICES LESS DYN)
PRICE: USED LESS DYNAMOTOR \$69.50
" " " OPER. " 4.95
" " " CHECKED " 79.50
DM-28 DYNAMOTOR USED " 4.95
FT-154 SHOCK MOUNTING FOR RECEIVER N 2.75
AC POWER SUPPLY WITH SPEAKER 115 VOLT 18.95
PL-103Q PLUG FOR REAR OF RECEIVER 2.50

SEA RESCUE

AN/CRC-7 TRANSMITTER-RECEIVER VHF SEA RESCUE 140.58 MC., TWO-WAY COMMUNICATION VOICE OR M.C.W. (CONVERSION TO TWO METER CAN BE FOUND IN SURPLUS CONVERSION MANUAL #3 & SURPLUS SCHEMATICS HANDBOOK HAS SCHEMATIC, PRICE \$3.00 EA.) WITH 3/3A5, & 1/3C4 TUBES. OPERATES FROM DRY CELL BATT. 1.3 VDC FOR FILAMENTS AND 97.5V FOR B VOLTAGE, HAS 3 PUSH BUTTONS FOR TONE, REC, AND TRANS. ONE ELEMENT IS USE FOR MIC AND PHONE, TELESCOPING ANTENNA. TRANSMITTER IS CRYSTAL CONTROLLED AND RECEIVER IS SUPER-REGENERATIVE.
SIZE: 15" LONG 2 1/2" DIA. WT: 4 LBS.
PRICE: USED..... \$14.95

AC BEACON RANGE RECEIVER



BC1206-C BEACON RECEIVER



BC-1206 AIRCRAFT BEACON RECEIVER 200 to 400 KC. OPERATES FROM 24 VDC 1.5 AMPS., 135 KC IF. COMPLETE WITH TUBES 2/14H7, 1/14J7, 1/14R7 & 1/28D7. CONTINUOUS TUNING, VOLUME CONTROL, ON/OFF SW. & PHONE JACK. SIZE: 4x4x6 1/2. WT: 5 LBS. SHOWN TO RIGHT.
PRICE: USED CHECKED FOR OPERATION \$9.95 REC. ONLY

AC BEACON RANGE RECEIVER IN CABINET WITH 115 VOLT 60 CYCLE POWER SUPPLY & 4" PM SPEAKER, READY TO OPERATE. SIZE: 10x6x6; WT: 18 LBS.
PRICE, COMPLETE WITH NEW CABINET & POWER SUPPLY AND USED RECEIVER CHECKED \$29.95
SAME AS ABOVE, LESS RECEIVER.. 18.95

POWER SUPPLY ONLY, 115 VOLT 60 CYCLE OPERATION OUTPUT 24 VOLTS DC 1.5 AMPS. MOUNTED ON METAL CHASSIS 6x5x7; WT: 5LBS. KIT...\$7.00 WIRED \$9.95



R-4/ARR-2 RECEIVER 234-258 MC. 11 TUBE AIRCRAFT UNIT FOR RECEPTION OF DOUBLE AMPLITUDE MODULATED CARRIER OPERATES FROM 24 VDC & 250 VDC 60 MA. COMPLETE WITH TUBES 3/6AK5, 7/9001 & 1/12 A6. SIZE: 5x5x11, WT: 6 LBS
PRICE: RE-COND. \$6.95



MOUNTINGS- RACKS- FLEXIBLE SHAFTS
FT-234 ONE COMM. TRANS. RACK \$1.50
FT-226 Two " " " 2.00
FT-220 THREE " RECIVER " 2.00
FT-225 ONE " MODULATOR " 1.50
MC-215 FLEX. SHAFT F/COMM REC. 6 FT. \$1.50 MORE THAN 6' 25EA.X STANDARD SAR SHOCKMOUNTING RACK
FT-167 5x19-5/8" 16-56 LB. 2.75
FT-171 10x19-5/8" 16-56 LB. 3.75

TRANSMITTERS - RECEIVERS

BC-230/430

BC-229/429



BC-230/430 TRANSMITTER

Transmitter approx. 10 watts Voice and 20 watts CW in the freq range of 3000 to 7700 KC by use of plug in coils. Uses tubes 2/10Y, 2/45. Output meter 2" 0 to 1.5 RF. MO control on front panel. Voltage required approx 300 VDC for plates & 12VDC for BC-230 & 24 VDC for BC-430. Size 13"x8"x 7". WT. 10 1/2 lbs.

Price with tubes, plug in coils & schematic, UNUSED \$8.95

BC-229/429 RECEIVER

Receiver TRF, uses plug in coils to cover the freq. range of 201 to 398 & 2500 to 7700 KC. Six tubes 1/37, 1/38, 4/39. Voltage required 220 VDC to 275 VDC 80 MA. & 12 VDC for BC-229 & 24VDC for BC-429. Size 16 x 8 x 7. WT 12 lbs.
Price with tubes, plug in coils & schematic, used \$8.95

Control Box BC-231 F/ receiver or BC-232 F/ trans. each \$1.00
Connector plugs for rec, trans., dynamotor or boxes, " \$1.00
Schematic showing rec, trans, boxes etc. \$1.00
Tuning knob for Receiver local control \$1.00
Remote tuning head for receiver \$2.00
Remote tuning shaft for receiver, specify length \$1.50
Separate coils for receiver, specify freq. coverage \$1.75
Dual coil 201-398 & 2500-4700 or 4700-7700 each.
Separate coils for transmitter, specify freq coverage. \$1.75
2500-3200, 3200-4000, 4000-5000, 5000-6200, 6200-7700.
Mountings for Rec., Trans, Dyn., Each mounting \$1.50

TRANS BC-191

SEE PAGE 25 FOR TUNING UNITS

TRANSMITTER AM 100 Watt CW - MCW - Voice, Frequency coverage 200 - 500 KC & 1500 - 12,500 KC.
by use of plug in tuning units listed below.
Tube line up 1/10Y & 4/VT-4C (211). Complete with tubes, less tuning units. Requires 12VDC for BC-191 & 24 VDC for BC-375 filaments & relay. 1000 VDC 350 MA. plates. Meters 2" for reading 0-8 RF, 0-500 MA, & 0-15 DC. With schematics.

BC-191 F/12 VOLT USED \$34.95



DYNAMOTORS BD-77/12 VOLT; PE-73/24 VOLTS, USED \$12.95
PLUGS FOR TRANSMITTER OR DYNAMOTOR; EACH PLUG \$1.00
CABLES WITH PL-61, PL-64, PL-59.....\$2.75

ANTENNA COUPLER



CU-168 ANTENNA COUPLER; PROVIDES MEANS FOR OPERATING FIVE RECEIVE FROM A SINGLE ANTENNA. THE INPL CIRCUIT TO WHICH THE ANTENNA IS CONNECTED IS DESIGNED FOR OPERATION FROM AN UNBALANCED LINE HAVING A NOMINAL IMPEDANCE OF 70 OHMS. THE OUTPUT TO THE RECEIVER IS ALSO 70 OHMS. COVERS THE FREQUENCY RANGE OF 2-32 MC. WITHOUT ANY TUNING OR ADJUSTMENT. EACH REC. COUPLING CIRCUIT HAS 4/12AU7 TUBES OF 20 TUBES IN ALL. POWER SUPPLY OPERATES FROM 115 V 50-400 CYCLE. RACK PANEL MOUNTING 19 X8, 504 TUBE IS USED IN P.S., UG-21 COAXIAL CONNECTORS FOR INPUT CIRCUITS. SHPG. WT; 75 LBS. WITH TUBES UG-21 COAXIAL CONNECTORS, AND MANUAL.
PRICE: NEW \$39.95

DIRECTIONAL ANTENNA

AS-81/GR DIRECTIONAL ANTENNA SYSTEM; DESIGNED AS AN ADDITION TO COMMUNICATION RECEIVERS THIS SYSTEM PERMITS THE USE OF UNIDIRECTIONAL RECEPTION. TWO LOOP ANTENNAS FOR COVERING THE FREQ. OF 1.1 to 4.2 MC AND ONE TELESCOPING WHIP ANT. THE UNIT ALSO HAS ONE TUBE TUNABLE SENSING CIRCUIT USING A 12J5 TUBE AND OPERATES FROM A 12 VOLT VIBRATOR POWER PACK THAT IS SUPPLIED THE COMPLETE UNIT AS DESCRIBED IS CONTAINED IN A CARRYING CHEST 15x14x20" WITH CABLES AND MANUAL. SHPG. WT: 75 LBS.
RENEW \$19.95



SCR-522 RADIO SET

100-156 MC

RECEIVER-TRANSMITTER AM, FOUR CHANNEL, CRYSTAL CONTROL, 30 WATT OUTPUT, 18 TUBES AS FOL-
LOW: TRANSMITTER, 1/6SS7, 2/832, 3/12A6, 1/666, RECEIVER, 2/19002, 1/9003, 3/12A6, 1/12C6, 2/12AH7, 1/12H6 & 3/12SG7.
BOTH UNITS CAN BE REMOVED FROM CASE SEPARATELY. OVERALL SIZE: 16 1/2 x 12 1/2 x 10-3/4" WT: 49 LBS. PRICE: USED \$29.95



RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE: USED WITH TUBES \$14.95 NO TUBES \$7.95

RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED, WITH TUBES \$14.95 NO TUBES \$7.95

TRANSMITTER CHASSIS ONLY, LESS CHANNEL SHIFTER PRICE, USED WITH TUBES \$18.95 NO TUBES \$7.95

BC-602 CHANNEL SELECTOR CONTROL BOX WITH PUSH BUTTONS. BC-602B USED \$1.95 BC-602D NEW \$2.95

NOTE: FOR THE MICROPHONE & PHONE CIRCUITS JACKS CAN BE INSTALLED IN THE BC-602

JB-29 JUNCTION BOX NEW \$2.95
AN-104 ANTENNA, METAL COVERED WOOD NEW 1.95
PE-98 DYNAMOTOR 12 VOLT USED 9.95
PE-94 " 24 " " 4.95

PLUGS REQUIRED FOR THE EQUIPMENT

SCR-522 RECEIVER-TRANSMITTER REQUIRES THE FOLLOWING PLUGS, PL-173 TO ANTENNA, PL-169 TO DYNAMOTOR, PL-170 TO JB-29 JUNCTION BOX. \$1.50 EACH

BC-602 CONTROL BOX, REQUIRES FOLLOWING PLUGS, PL-169 TO JUNCTION BOX. \$1.50 EA.

PE-98 OR PE-94 DYNAMOTOR REQUIRES FOLLOWING PLUGS, PL-172 TO BATTERY, PL-171 TO RECEIVER-TRANSMITTER. \$1.50 EA.

JB-29 JUNCTION BOX, REQUIRES THE FOLLOWING PLUGS, PL-170 TO RECEIVER-TRANSMITTER PL-169 TO BC-602 CONTROL BOX. \$1.50 EA.

RA-62 AC POWER SUPPLY FOR SCR-522, OPERATES FROM 115/230 VOLTS 60 CYCLE, SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION. SIZE: 16x11x11; WT: 75 LBS. PRICE USED \$59.50 REQUIRES PL-171 PLUG FOR HOOK-UP TO REC-TRANS PRICE \$1.50. AC LINE CORD DETACABLE TYPE \$1.00

BC-733 RECEIVER 108.3-110.3 MC AM

AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-POINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY. OPERATES ON SIX CRYSTAL CONTROL PRESET FREQ. COMPLETE WITH TEN TUBES: 1/12AH7, 2/12SG7, 3/717, 2/12SR7, 1/12SQ7 & 1/12A6. VOLTAGE REQUIRED; 24 VDC & 220 VDC 80 MA. WITH SCHEMATIC. SIZE: 13 1/2 x 5 x 7 WT: 17 LBS. PRICE: USED \$5.95

1-101C CROSS POINT INDICATOR, USED \$1.95
PL-257 PLUG TO FIT 1-101C 1.50

BC-732 CONTROL BOX USED \$1.95 NEW \$2.95
CABLE WITH PL-254 TO FIT BC-733 REC. AND PL-256 PLUG TO FIT BC-732 CONTROL BOX 3 FT. PRICE: \$4.95 PLUGS ONLY 1.50

DM-53 DYNAMOTOR 24 VOLT USED \$4.95 NEW \$6.95
DM-53 AZ " 12 " NEW 7.95
AS-27 RAMS HORN ANTENNA \$5.95
PL-284 TWIN COAX PLUG F/BC-733-AS-27 \$1.00

COMPUTER

COMPUTER PRIMARY CONTROL BOX MK-1 CONTAINS 1 AY-232 AUTOSYN, 4 BAND SWITCHES, 4 TOGGLE SW. 6 PILOT LITE 2 SMALL DIRECT LITES, 4 RELAYS, 24 V KNOBS, CONN. ETC. SIZE 6-3/4x10 1/2x6; WT: 10 LBS. \$3.95

NAVIGATIONAL AIR DATA COMPUTER 6 SERVO AMPLIFIERS #SA 118H 1/P. S#107861, 1 TEST ADAPTER, POSITIONERS FOR JUMP ANGLE, TRUE AIR SPEED, DYNAMIC PRESSURE, AIR DENSITY, ANGLE OF ATTACK & MACH. SIZE: 9x5x17; WT: 40 LBS. USED \$18.95



ARC-3 100-156 MC



R-77/ARC-3 VHF AIRCRAFT TYPE AM RECEIVER, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 9001, 9002, 12A6, 12H6 WITH TUBES 9001, 9002, 12A6, 12H6, 12SH7, 12SL7, 2/12SN7, 3/12SG7 & 6/6AK5. VOLTAGE REQUIRED 24 VDC & 210 VDC 125 MA. SIZE: 11x7x15. WT: 21 LBS. W/SCHEMATIC PRICE: USED WITH TUBES \$22.50 CONNECTOR FRONT OF SET \$2.50

T-67/ARC-3 VHF AIRCRAFT TYPE TRANSMITTER AM, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE, WITH TUBES 2/832 2/6L6, 1/6J5, 3/6V6 & 1/12SH7. VOLTAGE REQUIRED 24 VDC & 410 VDC 325 MA. SIZE: 15 1/2 x 7 1/2 x 12 1/2. WT: 21 LBS. PRICE: USED WITH TUBES \$22.95



JB-68 JUNCTION BOX FOR ARC-3 RADIO SET USED TO MOUNT DYNAMOTORS DY-22 FOR REC & DY-21 FOR TRANS. ALSO HAS CONNECTOR PLUGS TO HOOK UP REC. TRANS. CONTROL BOX & POWER, & RELAYS. SIZE: 10 1/2 x 3 x 8 1/2. WT: 7 LBS. PRICE USED \$7.95

CONNECTOR PLUG FOR EACH FACILITY \$2.50 EACH
C-118/ARC-3 CONTROL BOX FOR RECEIVER AND TRANSMITTER. HAS EIGHT PUSH BUTTONS FOR CHANNEL SELECTION AND ONE FOR OFF. SIZE: 6x3x7 WT: 2 LBS. PRICE: \$4.95 CONNECTOR PLUG U-16/U 2.50

IE-36 TEST SET FOR SCR-522 REPRODUCES THE OPERATING FUNCTIONS OF THE CONTROL BOX & JACK BOXES OF THE RADIO BY PROVIDING HEADPHONE & MICROPHONE, CHANNEL SELECTION PLUS ALL OTHER CONTROLS NECESSARY TO OPERATION AND TESTING. CONTROL UNIT BC-1303 PLUGS DIRECTLY INTO THE SCR-522 ALSO HAS PHANTOM ANTENNA & CORD, LAMP EXTRACTOR, ADAPTER PHONE CORD, INSTRUCTION BOOK AND CARRYING CASE, 10x10x4; WT: 8 LBS. PRICE: NEW \$6.95

SCR-522 CABLES WITH PLUG ON ONE END AND LUG TERMINALS ON THE OTHER. EACH CABLE \$2.95
CX-58/VRC-1 PLQ-170 PLUG & LUGS, 36" LONG.
CX-60/VRC-1 PL-169 " " " 36" "
CX-62/VRC-1 PL-172 " " " 66" "

TRANSCIEVER

BC-745 AM TRANSMITTER-RECEIVER COVERING THE FREQ. RANGE OF 2-6 MC PHONE, WITH A RANGE OF FIVE MILES UNDER FAVORABLE CONDITIONS. CRYSTAL CONTROL ON TWO PRESELECTED FREQ. BY USE OF PLUG IN COIL & CRYSTAL ASSY. BC-746. THE SET SIZE IS 6x6x6 AND IS MOUNTED ON A 32" STAFF AND HOUSES THE TELESCOPING ANTENNA WHEN NOT IN USE. COMPLETE WITH TUBES, 1/1S5, 3/1T4 & 5/3S4 & ONE PLUG IN FREQ. ASSY. VOLTAGE REQUIRED 1.5 VDC/35 MA, 67.5 VDC/20 MA & 105-125 VDC/50 MA. WT: 10 LB PRICE: USED, \$14.95 UNUSED \$19.95



BC-746 PLUG IN COILS & CRYSTAL ASSEMBLIES CHANNEL #1 3010 Kc CHANNEL #2 5030 Kc CHANNEL #3 5500 Kc CHANNEL #4 5305 Kc ONE OF THE ABOVE SUPPLIED WITH PURCHASE OF SET, ADDITIONAL UNITS \$1.95 EA.

T-39 CHEST UNIT THAT WAS USED TO CARRY DRY CELL BATTERIES, ALSO HAS MICROPHONE, PHONE JACK AND NECESSARY CABLE FOR CONNECTING TO RADIO SET. PRICE: USED, \$3.95 UNUSED \$5.95

PE-157 VIBRATOR POWER SUPPLY; OPERATES FROM 2 VOLT WET BATTERY BB-54 WHICH IS INSTALLED INSIDE THE CASE THAT SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION OF THE RADIO SET ALSO HAS 4" PM SPEAKER, CARRYING HANDLE AND CABLE FOR CONNECTING TO SET. SIZE: 11 1/2 x 5 1/2 x 8 1/2 WT 17 PRICE: USED NO SPEAKER \$10.95 \$12.95

PRESSURIZING UNIT

MK-23/AP PRESSURIZING UNIT: C/O OF A CYLINDER APPROX. 13 IN. LG. 2 IN. DIA. ATTACHED TO A GAGE 0-30, 3/4" INLET CYLINDER AND A 4" HOSE LINE. P/O APS-15 PRESSURIZING KIT. WT: 10 LBS. PRICE: \$3.95



COMPASS RECEIVER



AN/ARN-7 RADIO COMPASS RECEIVER 100 TO 1750 KC USED FOR AIRCRAFT DIRECTION FINDING BUT CAN ALSO BE USED ON BOATS. THE RECEIVER IS A SUPERHETERODYNE WITH ADDITIONAL CIRCUITS FOR OPERATION OF THE AURAL RECEPTION AS SHOWN ON THE INDICATORS. COVERS THE FREQUENCY RANGE OF 100 TO 1750 KC IN FOUR BANDS CONTINUOUS TUNING FROM CONTROL BOX WHICH IS A SEPARATE UNIT. UNIT OPERATES FROM 115 VOLT 400 CYC & 24 VDC AND IS COMPLETE WITH TUBES 4/6K7, 1/6L7, 1/6J5, 2/6B8, 2/6F6, 1/6N7, 1/5Z4, 1/6SC7 & 2/2051. SIZE: 12x8x19; WT 45 LBS.

R-5/ARN-7 RECEIVER ONLY, USED \$18.95
ITEMS LISTED BELOW ARE REQUIRED FOR ADF OPER.

C-4/ARN-7 CONTROL BOX	USED \$3.95	NEW \$5.95
1-81 INDICATOR 3"	USED \$3.95	RENEW 4.95
1-82A " 5"	USED 7.95	
LP-21 AM LOOP ANTENNA	" 9.95	
FT-224 MOUNTING F/C-4CB	" 1.50	
MG-149F INVERTER	" 24.95	
MC-203 SHAFT COUPLING "T"	" 1.00	
MC-136 SHAFT RT/ANGLE	" 2.50	
BK-22 RELAY JUNCTION BOX	" 2.95	
MC-124 FLEXIBLE SHAFT 2 FT.	1.50	
CD-365 CABLE FOR LOOP 5 FT.		2.75
PL-122 CONNECTOR PLUG FOR RECEIVER		2.50
PL-112 " " " LOOP		2.50
PL-118 " " " 1-81 OR 1-82		2.50

BC-431 COMPASS RECEIVER SIMILAR TO ABOVE REC. 1 1/2" SIZE, WT: & FREQ. USES DYNAMOTOR, USED \$9.95
MN-26LB RECEIVER 200-410, 550-1200kc & 2.9 TO 6 MC. (SEE BELOW FOR ACCESS) LESS DYN. U \$14.95

MN-20C MANUAL ROTATABLE LOOP ANTENNA USED WITH RA-100B & MN-26 RECEIVERS AS A DIRECTION FINDING ANTENNA IN THE 150 TO 1500 KC RANGE. 7 LBS MC-124 FLEXIBLE SHAFT FOR USE WITH LOOP 10 FT. \$1.95
AC-58267-2 CABLE 5 WIRE SHIELDED FOR ANTENNA CONNECTIONS. 8 FT. PLUG ONE END ONLY. \$1.95
MN-52 AZIMUTH CONTROL FOR MANUAL TURNING OF LOOP WITH CRANK AND BY USE OF FLEXIBLE SHAFT, HAS 0-360 DIAL, GRAIN OF WHEAT LAMP, SWITCH & CRANK. USED \$1.95



MN-40 INDICATOR CONTROL BOXES 0-360 DEGREE SCALE 5" WITH MN-28C/MN-26C VAR. ADJUSTMENT. USED \$3.95 EA. SAME AS 1-82 CONNECTOR PLUGS \$2.50 INDICATOR ONLY RECEIVER CONTROL BX \$2.50 OPERATES MECHANICALLY INSTEAD ELECT FLEXIBLE SHAFT 20" \$1.50
BY USE OF SPLINED CONNECTORS 5 1/2" \$2.8 \$3.00
AS USED ON MC-124 SHAFT.

RADIO COMPASS



RA 101A/ARN-6 RADIO COMPASS WITH A FREQUENCY RANGE OF 100-1750 KC IN FOUR BANDS. COMPLETE WITH TUBES 6/12SK7; 4/12SX7; 1/12SY7; 1/12SN7 2/26A7; 2/2050. OPERATES FROM 26.5VDC. WT. 35LB SIZE: 11 1/2 x 7 1/2 x 15 1/2 PRICE: \$39.50

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS. OPERATES FROM 26 VOLTS 400 CYC. SIZE: 10x11x5 WT. 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95 MANUAL FOR RA 101A/ARN-6... \$5.00



ID-91 B/ARN-6 INDICATOR 0-360 DEG. 3 1/2" DIA. INDICATOR FOR ARN-6 RADIO COMPASS SYSTEM \$8.95

C-149 A/ARN-6 CONTROL BOX BOX CONTAINS THE FOLLOWING CONTROLS. OFF-COMP.-ANT.-LOOP; FUNCTION SWITCH, TUNING METER, LOOP L-R SWITCH, LIGHT CONTROL, DIAL BAND SWITCH, CONTROL SWITCH, TUNING CRANK, AUDIO CONTROL, CW- VOICE SWITCH. \$8.95



Headsets — Telephone Equipment — Microphones — Handsets



HS-33 HEADSET
NEWLY MANUF.
HEADBAND & 4 1/2 FT.
CORD WITH PL-55
TYPE PLUG. AIR
FORCE GREY. 600
OHM IMPED. WITH
CHAMOIS CUSHIONS
\$7.95
w/ RUBBER CUSHIONS
\$6.95



HB-7 HEADBAND ONLY
WITH 4 1/2 FT.
CORD AND PL-55
TYPE PLUG. AIR
FORCE GREY.
\$3.00
CHAMOIS CUSHIONS
\$1.50
RUBBER CUSHIONS
\$1.50



HS-23 HEADSET
NEWLY MANUF.
w/ 4 1/2 FT. CORD &
PL-55 TYPE
PLUG. AIR
FORCE GREY. 2000
OHM IMPED. WITH
CHAMOIS CUSHIONS
\$6.95
w/ RUBBER CUSHION
\$5.95



TELEX MRB-12 50,000 OHM IMPEDANCE
HEADSET AND HIGH IMPEDANCE CERAMIC
MIKE ON ADJUSTABLE BOOM. FREQ.
RESPONSE: MIKE, 50-9000 CPS. HEAD-
SET, 50-10,000 CPS. FIVE FEET
CORD WITH 2/PL-55. COMFORTABLE
RUBBER CUSHIONS REMOVABLE FOR
CLEANING.
USED, EXCELLENT CONDITION: \$8.95



RM-42 CONTROL UNIT USED TO OPERATE
A RECEIVER & TRANSMITTER
FROM A REMOTE POSITION WITH 2
CHANNEL SELECTION ALSO USED AS
INTER-COM OR CONNECTED TO BE
USED AS TELEPHONE SYSTEM. HAS
MAGNETO HAND CRANK GENERATOR FOR RINGING &
HANDSET WITH PL-204 ALSO 2 TELEPHONE TYPE SW-
ITCHES, 4 PILOT LIGHTS, VC, ON-OFF SW ETC.
REQUIRES WIRES BETWEEN EACH UNIT FOR USE AS
TELEPHONE AND BATTERIES. IN METAL CABINET WITH
SLOPPING FRONT, SIZE 7 1/2 x 8 9/16 WT: 14 LBS.
PRICE: ... \$9.95



MODEL A-200
\$2.95
ACOUSTICON CORD-
LESS MICROPHONE
AND AMPLIFIER
HEARING AID, HEAD
BAND TYPE ASSEMBLY
CONSISTS 3" MIC.
AND 3 TUBE AMPLI-
FIER WITH VOLUME
CONTROL AND BATTERY
COMPARTMENT
MOUNTED IN A
LIGHTWEIGHT HEADBAND. USES MERCURY
BATTERY RM-1H & MINI-MAX 15 V.
504E EVEREADY. PRICED WITH TUBES,
LESS BATTERIES AND PHONE UNIT.
#A200 NEW: \$2.95



HS-30 HEADSET
250 OHM IMPEDANCE
HEARING AID TYPE
EAR PCS. FIT IN-
SIDE EAR. LIGHT-
WEIGHT HEADBAND,
CORD 9" LG. WITH
SPADE LUGS.
(SEE CD-604 CORD)
USED \$1.00



TELEPHONE TRANSMITTER CHEST SET;
150 OHM IMPEDANCE
TRIANGULAR SHAPED
BREASTPLATE, HORN
MOUTHPIECE TYPE#
A-1. NO STRAPS.
WESTERN ELECTRIC
#396A \$1.50

RM-52 REMOTE CONTROL UNIT (MACY'S PHONE PATCH)
USED FOR RE-CONTROL OF RADIO SET,
OPERATES FROM 4 FLASHLIGHT BATTERIES.
HAS MULTI-TAP TRANSFORMER, MIC, PHONE
HIGH/LOW IMPEDANCE & JACKS.
BASIC UNIT FOR MAKING MACY'S PATCH.
SIZE: 7 1/2 x 3 1/2 x 5 1/2; WT: 5 LBS.
PRICE: USED \$1.95



RM-53 REMOTE CONTROL UNIT
BASICALLY THE SAME AS RM-52
ONLY IT HAS A 3 POSITION
SWITCH AND CORDS
WITH PL-55 AND PL-68
PLUGS.
SIZE: 8 1/2 x 4 1/2 x 4 1/2; 6 LBS
PRICE: USED \$2.95

ACOUSTICON HEARING AID
MICROPHONE CASE ONLY WITH
TRANSFORMER, VOLUME CONTROL
RESISTORS, CONDENSERS, AND
BATTERY HOLDER. NO MICRO-
PHONES TUBES OR BATTERIES
SATIN FINISHED GOLD COLOR
CASE. SIZE: 2 1/2 x 4 1/2. MODEL
A-320 CASE ONLY WITH PARTS
AS DESCRIBED ABOVE NEW \$3.99

TS-9 HANDSET NO PLUGS WITH
BUTTERFLY SWITCH &
PUSH TO TALK SWITCH & LUGS
USED \$3.95

TS-11 HANDSET; 4 COND-CORD,
5 1/2", CARBON MIC 50 OHM,
PHONE 3500 OHM, w/PL-106
PLUG. NEW \$4.95

T-17 MICROPHONE SOUND
POWERED
HANDSET
CARBON HAND
TYPE WITH
PUSH TO TALK
RE-COND.
\$7.95
WITH COILED
CORD 1-4'
STK #D173012
NEW \$7.95



T-45 LIP MIC

H-144/U HANDSET CAN BE
USED FOR HEADSET WITH
BOOM BY ADDING
WIRE HEADBAND.
PHONE 300 OHM
MICROP. 40"
MOMENTARY & HOLD SWITCH
U77/U CONNECTOR, 6 FT.
CORD. USED \$7.95



T-30 THROAT MIC. Elements
only \$1.00
a dozen

T-45 MICROPHONE
CARBON TYPE 100OHM
50DB BELOW 1 MILL-
VOLT, FLAT RESPONDS
WITH PL-291 2 CONT
MALE PLUG, 11" CORD
USED 75¢



CD-307 CORD EXTENSION
FOR CORDS WITH
PL-54 PLUG AS USED
ON HEADSETS, 65" LG
WITH JK-26 JACK &
PL-55 PLUG.
USED \$1.00



CD-318 EXTENSION CORD WITH PL-291
2 CONTACT FEMALE
PLUG TO FIT T-45 &
T-30 MICS. SW-141
SWITCH & PL-68 MIC
PLUG ON 7 FT. CORD
USED \$1.00



CD-604 CORD WITH
IMPEDANCE MATCHING
TRANSFORMER 500OHM
TO 4000, USED WITH
HS-30 HEADSET, 6"
CORD & PL-54 PLUG.
NEW 50¢ USED 25¢

PL-68 MIC PLUG
30" CORD 75¢

JK-33 JACK TO FIT
PL-68 MIC. PLUG.
USED 6 FOR 50¢



COILED CORD SET

COILED CORD SETS

THREE CONDUCTOR
24" TO 72" 75¢
12" TO 36" 50¢

FOUR CONDUCTOR
12" TO 36" \$1.00

ONE CONDUCTOR
#18 6 FT.-18 FT.
\$1.00

MC-385 HIGH TO LOW

ADAPTER
IMPEDANCE
FOR HEADSET
4000-6000OHM
USED \$1.50
NEW \$1.75

T-30 MICROPHONE
CARBON TYPE, 75 OHM
50DB BELOW 1 MILL-
VOLT, FLAT RESPONDS
WITH PL-291 2 CONT
MALE PLUG, 11" CORD
PRICE: USED 3/81
UNUSED \$1.00

BRUSH CRYSTAL HEADPHONE ELEMENT
w/ RUBBER EAR
PADS LIGHTWEIGHT
BJ#F6#2 \$1.00 EA.

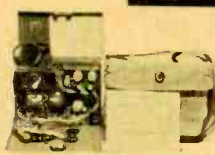
MICROPHONE BUTTON CARBON
50 OHM
WILL REPL-
ACE F-1 ELEMENTS.
#K-53-0654 \$1.00

SOUND POWERED MICROPHONE
IN PLASTIC
CASE, PUSH
TO TALK
BUTTON, NO CORD
#5016 USED \$1.50

SOUND POWERED HEADPHONE
IN PLASTIC
CASE, NO
CORD.
#R5017 USED \$1.50

HEADSET EARPHONE CUSHIONS
SPONGE
RUBBER FOR
2 1/2" ELEMENTS.
#48514 \$1.00 PAIR

TELEGRAPH SET



TG-5 TELEGRAPH SET; PORTABLE
UNIT USED FOR CODE
COMMUNICATION OVER LAND
WIRE LINES. TWO OR MORE
UNITS CAN BE OPERATED IN
SERIES. CAN BE USED FOR
CODE PRACTICE OR TEACHING
CONTAINS BELL CALL SYSTEM
1000 CYCLE TONE HOWLER, TEL. KEY, HEADPIECE,
CANVAS CASE, BOOK ETC. REQUIRES 22.5 AND 2'
1.5 VOLT BATTERIES FOR OPERATION. LESS BATT.
SIZE: 5 1/2 x 10 5/8; WT: 8 LBS. PRICE: NEW \$9.95

R-15 PHONE ELEMENT 6000 OHM
w/ RUBBER CUSH-
ION F/2" HEAD-
BAND MTG.
\$1.25

PHONE ELEMENT F/TS-9K HANDSET
250 OHM, 2 1/2" DIA
w/ CLIPS.
K.S. #838
\$1.00

CANADIAN PHONE ELEMENT 100 OHM
1 1/2" DIA. FOR
2" HEADBAND.
#C-3 10A/36988
\$.75

PHONE ELEMENT F/TS-13, H-23 ET
HANDSET, TYPE 41
3500 OHM. AUTO.
ELEC. D-5189A
\$1.00

CANADIAN LIGHTWEIGHT HANDSET
NO CORD
PHONE 300 OHM
MIC. 50 OHM
#1TE NO1
MK-11
YA-7225
6 oz. \$3.95

CANADIAN MICROPHONE w/ SWITCH
& CORD FOR ABOVE
PHONE, MAGNETIC
300 OHM, #10A/12
57L \$1.25

STANDARD TYPE TELEPHONE HANDSET & BELL RINGERS
CAN BE USED AND
ANY COMMERCIAL
TELEPHONE LINE OR
SYSTEMS ON THIS
PAGE.
PRICE: \$6.95
EX-CONDITION

STANDARD TELEPHONE HANDSET & CORD
PRICE: \$4.95
EX-CONDITION

DIAL ONLY \$1.95
EXCEL COND
USED \$1.75

STANDARD TELEPHONE BELL FOR MAGNETO GENERATORS
1 1/2 x 3
MC-131
\$1.50

HANDSET HOLDER FOR HORIZONTAL MOUNTING, SIZE
1 1/2 x 3 1/2 #6988
\$.50

TELEPHONE BELL FOR MAGNETO GENERATORS
1 1/2 x 3
MC-131
\$1.50

TELEPHONE WIRE
WD-1/TT TWISTED PAIR
EA. COND. 4 COPPER 3
STEEL INFANTRY WIRE
1000' REELS \$15.00
LESS 2 1/2¢ PER FOOT USED

COPPERWELD 2/20 PARR-ELL-SOLID SAME PRICE.

T-24/M CARBON MICROPHONE
WITH PUSH TO TALK
BUTTON AND
MODIFIED WITH
4 FT. COILED
CORD & PL-68
PLUG. WT: 1/2 LB. PRICE: NEW \$4.95

H-18(M) CARBON MICROPHONE F-1
TYPE ELEMENT MOUNTED ON PLATE
2x4" WITH 4" ADJUSTABLE BOOM
& PL-292 PLUG TO FIT CD-318
CORD. PRICE: \$1.50

DICTIPHONE HEADSET
ASSY. LIGHTWEIGHT BAND
WITH PLASTIC EAR PICES
CONNECTED TO RUBBER
TUBE THAT COMES TO A
Y THAT EXTENDS TO A
RUBBER CUP 4". CAN
BE USED AS A VIBRATION
TESTER OR A WAY OUT
SOUND REPRODUCER.
STK # 6C262-719
PRICE: \$1.00

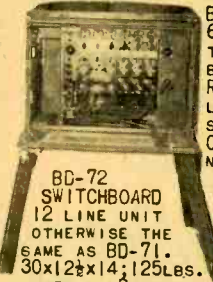
TELEPHONE EXTENSION CORD WITH PLUGS.
25 FT. w/ 4 PRONG
MALE & FEMALE CON-
NECTIONS. \$2.75
WALL & CORD PLUGS TO FIT, EA \$1.25

PUSH BUTTON & CALL SIGNAL LIGHT SAME SIZE AS TELEPHONE DIAL.
USE AS EXTENSION
Etc.
2 LB.
4x4 1/2 x 1
4R3661A
\$1.50

TELEPHONE EQUIPMENT



EE-8 FIELD TELEPHONE, PORTABLE HAND RINGING TYPE. CAN BE USED WITH ANY MAGNETO TYPE SYSTEM SWITCHBOARD AS BD-71, 72, 89, 91, 96 ETC. OPERATES FROM 2 FLASHLIGHT BATTERY UP 17 MILES, TWO OR MORE PHONES CAN BE OPERATED ON TWO WIRE LINE. WITH CARRING CASE, STRAP & HANDSET.
 SIZE: 8x10x3 1/2; WT: 18 LBS.
 USED CHECKED LESS BATT. \$15.00



BD-72 SWITCHBOARD
 12 LINE UNIT OTHERWISE THE SAME AS BD-71.
 30x12x14; 125LBS.
 USED \$18.95 RE-NEW \$24.95

BD-71 SWITCHBOARD, PORTABLE 6 LINE HAND RINGING MAGNETO TO TYPE USING FLASHLIGHT BATTERIES FOR OPERATION. REPEATING COILS ON TWO LINES FOR SIMPLEXING, DROP SIGNAL AND NIGHT CALL BELL CAN BE USED WITH ANY MAGNETO TYPE TELEPHONES SUCH AS EE-8, RM-29, BD-72, 89, 91, 96 ETC. IDEAL FOR FACTORY, CAMP, FARM, MOTEL.. WITH CHESTSET MICROPHONE & HEADSET. LESS BATTERIES
 SIZE: 18x12x14; WT: 75 LBS.
 USED \$9.95 RE-NEW \$14.95



BD-89 SWITCHBOARD, SINGLE POSITION, TWO PANEL NON-MULTIPLE, MANUALLY OPERATED TELEPHONE SWITCHBOARD. MAGNETO & COMMON BATTERY LINES. 20 MAGNETO, 40 CB, 4 TWO WAY MANUAL, DIAL DROP END TRUNK CKT, 5 CONFERENCE JACKS, 3 OUTGOING CKT., 2 THRU-LINE & 13 UNIVERSAL CORD CKT. WITH CHEST MICROPHONE & HEADSET.
 SIZE: 52x22x31; WT: 300 LBS.
 USED \$59.50



BD-91 SWITCHBOARD, SINGLE POSITION MANUALLY OPERATED FOR SERVING MAGNETO LINES, TWO-WAY TRUNKS AND TIE LINES. RING-DOWN TRUNKS ARE PROVIDED FOR CONNECTION TO MANUAL COMMON BATT. OR DIAL SYSTEMS. DROP SIGNAL FOR INCOMING & RECALL. 20 MAGNETO, 4 UNIVERSAL, 8 CORD, 1 DIAL, 4 CONF. JACKS & 1 OPERATOR. USES DRY CELLS FOR OPERATION.
 SIZE 16x16x42 SET-UP; WT: 200 LBS. \$29.50



BD-95 SWITCHBOARD: CORDLESS LOCAL BATTERY UNIT EQUIPPED WITH LINE LAMP SUPERVISION AND DESIGNED FOR SWITCHING LOCAL BATTERY LINES MAGNETO TYPE, MAY BE MODIFIED FOR COMMON BATTERY LINES ALSO CAN BE USED WITH OTHER TRUNK, TIE LINE LOCAL BATTERY SWITCHBOARDS.
 RE-NEW \$24.95
 SIZE: 22x14x14; WT: 250 LBS.



MX-333/GG TAPE PULLER USED WITH CODE PRACTICE TO REEL 3/8" PAPER TAPE AS THE TAPE IS PASSED THROUGH THE RECORDER; HAS CONSTANT SPEED 110 VOLT 60 CYCLE INDUCTION MOTOR WITH VARIABLE SPEED FRICTION DRIVE ARRANGEMENT. UNIT COMES IN A WOOD CARRING BOX 10x10x15 WITH A CARRING HANDLE. WT: 27 LBS.
 PRICE, RE-NEW \$12.95



TG-10 KEYS IS A AUTOMATIC UNIT FOR PROVIDING AUDIBLE CODE PRACTICE SIGNALS FROM A INKED TAPE RECORDING. THE OUTPUT OF THE KEYS IS AN AUDIO FREQ. NOTE OF 800 CYCLES PER SEC. WITH SUFFICIENT POWER TO SUPPLY A NUMBER OF HEADSETS OR PRACTICE TABLES DIRECT CAN ALSO BE USED AS A TELEGRAPH KEY AMPLIFIER OR TAPE PULLER FOR A RECORDER. OPERATES FROM 115 VOLT 60 CYCLE. COMPLETE WITH TUBES; 2/6N7, 2/6L6, 2/6SJ7, 1/5U4 & 1/923.
 SIZE: 24x11x18 1/2; WT: 63 LBS.
 PRICE: USED CHECKED \$19.95 NOT CHECKED \$14.95



VO-3 OSCILLATOR IS AN ELECT-AUDIO TONE GENERATOR WITH A 10 WATTS OF POWER OUTPUT AT A FREQ. OF 800 CYCLES PER SE COND. THIS POWER IS ADEQUATE FOR SUPPLYING TONE TO 200 HEAD SETS THAT CAN BE KEYS BY THE INSTRUCTOR OR STUDENTS AND FEED INTO A SPEAKER OR RECORDER. OPERATES FROM 115 VOLT 60 CYCLE, COMPLETE WITH TUBES 1/6SN7, 1/5U4 & 2/6VGGT, OUTPUT 4, 8, 12 & 16 OHMS. SIZE: 12x10x7 1/2; WT: 24 LBS.

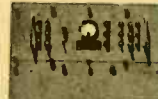
GAS ENGINE GENERATOR



COMPACT, LIGHTWEIGHT, PORTABLE ELECTRIC GENERATING SET CONSISTING OF A 1 HP, 3000 RPM 1 CYLINDER, AIR COOLED, 2 CYCLE, MANUAL ROPE STARTING GASOLINE ENGINE DIRECTLY CONNECTED TO A DC, SHUNT WOUND, SELF EXCITED, FOUR POLE GENERATOR MOUNTED ON A RUBBER SHOCK MOUNTING. GENERATOR OUTPUT IS 6.2/7 VDC 3.5 AMP. AND 500 VDC 230/250 MA. UNIT HAS JUNCTION BOX FOR CONNECTING CABLES FOR USE WITH RADIO SETS SCR-694/BC-1306, AN/GRC-9/RT-77 AND IS APPLICABLE TO OTHER EQUIPMENT. COMPLETE WITH TOOL AND INSTRUCTION BOOK. SIZE: 17 1/2 x 16 1/2 x 11 WT: 57 1/2 SHPG. WT: 125 LBS.
 NEW \$39.95

HYDROPHONE

MAGNETOSTRICTION TYPE UNIT 20 KC RESONANT FREQUENCY. THIS IS A STANDARD SECTION OF A ASSY. AS USED IN AN/SQS-10 EQUIPMENT.
 (HYDROPHONE IS A TYPE MICROPHONE DESIGNED TO BE ACTUATED BY WATER BORNE SOUND WAVES AND MAGNETOSTRICTION IS THE CHANGE IN THE DIMENSIONS OF A FERROMAGNETIC OBJECT WHEN PLACED IN A MAGNETIC FIELD.
 SIZE: 3 1/2 x 5 1/2 x 1 1/2; WT: 3 LBS.
 STK#875445 Y-901 PRICE: NEW \$4.95



CN-359/GPA-23 REGULATOR VOLTAGE. 120/208 VOLTS 60 CYCLE, 3 PHASE, 27 KVA. MOTOR DRIVEN POWERSTAT ELECTRONICALLY CONTROLLED. THREE SEPARATE SYSTEMS THAT WILL GIVE CONTROL, 3 PHASE IN, 3 PHASE OUT OR 3 PHASE IN, SINGLE PHASE OUT OR CAN BE DISMANTLED AND HAVE THREE SEPARATE SINGLE PHASE IN AND SINGLE PHASE OUT. CONSISTS OF 3 MOTORIZED POWERSTAT TRANSFORMERS 3 LOW VOLTAGE TRANS. 3 ELECTRONIC CONTROL CHASSIS, SWITCHES, FUSES, METER ETC. USED CHECKED
 SIZE: 27x31x26; WT. SHPG. 420 LB. \$175.00

VOLTAGE REGULATOR

120 VOLTS 60 CYCLE SINGLE PHASE 9 KVA. ONE SECTION REMOVED FROM THE ABOVE 3 PHASE UNIT. METER, SWITCHES, FUSES ETC. WILL HAVE TO BE ADDED, DIAGRAMS FURNISHED. ELECTRONIC VOLTAGE REGULATION, JUST SET THE VOLTAGE UNDER LOAD AND IT WILL REMAIN CONSTANT. CONSISTS OF MOTORIZED POWERSTAT TRANSFORMER, LOW VOLTAGE TRANSFORMER & ELECTRONIC REGULATOR CHASSIS SHPG. WT: 125 LBS. PRICE, AS DESCRIBED \$49.95

BC-653 TRANS.

BC-653 TRANSMITTER 2-4.5 MC, 50 WATT VOICE, 100 WATT CW. RANGE 25 TO 50 MILES DEPENDING ON CONDITIONS.
MASTER OSCILLATOR CONTROL, FOUR PRESET CHANNEL SEVEN TUBES; 2/814, 807, 2/1613, 2/VR-105. TWO 2 1/2" METERS FOR READING FILAMENT AND PLATE VOLTAGES, AND CURRENT, AND OUTPUT METER. VOLTAGES REQUIRED: 12 VDC, 1000 VDC 220MA, 500 VDC 185MA. SIZE: 26x14x12; WT. 140 LBS. \$29.95
 DM-42 DYNAMOTOR 12v USED \$4.95
 FT-253 MOUNTING BASE TO HOLD RECEIVER AND TRANSMITTER. USED \$3.95
 34x12x3 . WT. 30 LBS. . UNUSED 5.95

FREQUENCY METER



BC-438 FREQUENCY METER 195-215 MC CRYSTAL CONTROLLED (CRYSTAL FREQ. 4100Kc), 5" VERNIER DIAL, OPERATES FROM 115 VOLT 60 CYCLE WITH TUBES 6X5, 6K7, 6J5, 6V6 & 6A8. USED
 SIZE: 8x16x8; WT: 25 LBS. \$12.95
LINK TYPE 230 FREQUENCY METER, 376-418 MC. CRYSTAL CONTROLLED, (CRYSTAL FREQ. 2970 KC), 5" VERNIE DIAL, OPERATES FROM 115 VOLT 60 CYC WITH TUBES 6X5, 6K7, 6J5, 6V6 & 6A8. SIZE: 8x16x8; WT: 25LBS, USED \$12.95

ANTENNA COUPLER

ANTENNA COUPLER AND ACCESSORY CASE. USED TO CHECK R-F POWER OUTPUT AND ELLIPTICITY OF CIRCULARLY POLARIZED ANTENNAS FROM ELECTRONIC COUNTERMEASURES SYSTEMS UNDER ACTUAL OPERATING CONDITIONS. FREQUENCY 950-10,500 MC. COUPLING ATTENUATION 40 DB. POWER DISSIPATION 500 WATTS. ACCESSORY CASE CONTAINS ATTENUATORS AND ATTACHMENTS FOR TESTING VARIOUS FREQUENCIES. ANTENNA COUPLER SIZE: 12x21, WT. 22 LBS. ACCESSORY CASE, SIZE: 12x12x16, WT. 28 LBS. #7507649P22 PRICE: \$39.95
 ANTENNA COUPLER STAND, EXTENDS TO 90". SIZE: 39x5 INCHES. WT. 30 LBS. PRICE: \$9.95



BC-1253 RADIOSONDE TRANSMITTER OPERATES AT 397 MC; SENDING A CONSTANT SIGNAL TO BE RECEIVED BY RADIO DIRECTION FINDER, WHILE BEING CARRIED IN THE ATMOSPHERE BY A FREE BALLOON. COMPLETE WITH ONE 955 ACORN TUBE. REQUIRES 1.5, 6 & 115 VOL BATTERIES. SIZE 3x5x6 1/2; WT: 8 OZ. PRICE: NEW \$.59 2 FOR \$1.00



TUNER ASSEMBLY for 2 to 6 MC. Part of BC-728 RECEIVER, which consists of four channel push button assy. with RF, ANT, & OSC. coils all slug tuned. Also cond. resistors etc. Size 4 x 4 x 3 1/2 lb Stock #2C4728/T4. Price \$1.00



BOMB DIRECTOR COMPUTER

COMPUTER MK-20 MOD 2; CP-15A/ASG-10. COMPUTER FOR BOMB DIRECTOR. REGULATED POWER SUPPLY WITH 27 VDC INPUT; OUTPUT 285 VDC @ 75 MA. 88 PRECISION RESISTORS ALSO RELAYS AND OTHER PARTS ALL IN VACUUM SEALED CASE. TUBES 2-2050; VR 150 6-11. SIZE: 14X10X8 WT. 30LB USED \$7.95



ANGULAR RATE CONTROL PART OF AUTOMATIC PILOT B-1. CONSISTS OF 3 SEPARATE PITCH IN GYROS NAMELY ROLL PITCH & YAW, size 4x4x5. ALSO CONTAINS RECTIFIERS, TRANSFORMERS, CONDENSERS, RESISTORS, CONTROLS ETC. STK#1JD405-G5. SIZE: 10x11x7 1/2; WT: 25 LBS

MAGNETIC AMPLIFIER

TRANSMITTER SUB-ASSY. FILAMENT CHASSIS, PART OF AN/ALT-8 COUNTERMEASURES SET. CONSISTS OF CK927 FULL WAVE RECTIFIER CK843 SILICON RECT., TWO CK846 SILICON RECT., MAGNETIC AMPLIFIER TRANS. FIL. TRANS. 115/400CYC. SEC. 6.3/6A. MINIATUR POTS, AND DPST RELAY ALL MOUNTED ON CHASSIS 7 1/2 x 3 x 3 1/2; WT: 3LBS. PART#2527-501-G1 PRICE: NEW \$1.95

TS-545 ECHO BOX; USED FOR CHECKING RADAR SETS IN THE FREQ. RANGE 1150 TO 1350 MC. TUNED CAVITY MANUAL TYPE METER 3 1/2" 0-100 DC MICRAMPERS. SIZE: 16x9x9; WT: 23 LBS. USED \$39.50

TS-270 ECHO BOX; SIMILAR TO ABOVE ONLY FREQ. 2630 TO 2970 MC. PRICE: USED \$39.95

TG-34A KEYS: CODE PRACTICE SET USED TO REPRODUCE SIGNALS PREVIOUSLY RECORDED ON INKED PAPER TAPES. VARIABLE SPEED MOTOR, KEYING OSCILLATOR WITH SPEAKER AND PHONE JACK. OPERATES FROM 115/230 50/60 CYC. HOUSED IN PORTABLE CARRING CASE. SIZE 15x10x10; WT: 40 LBS. PRICE: RE-NEW, CHECKED \$24.95
 BLANK PAPER TAPE: 3/8" FOR TG-34, TG-10 KEYS 900 FT. ROLLS EACH \$.25; 30 ROLLS \$5.00
 TELETYPE PERFORATOR TAPE, 11/16" WIDE, APPROX 900 FT. OILED. 10 ROLLS FOR \$2.50

INVERTERS



INPUT: 27.5 VDC 150 AMP.
OUTPUT: 115 VAC 2500 VA
400 cyc 1 PHASE
SIZE: 15 x 11 1/2 x 8 WT 58 LBS.
JACK & HEINTZ F-46-2
USED \$39.50

JACK & HEINTZ F-45-3
INPUT: 27.5 VDC 150 AMP.
OUTPUT: 115/200 V. 400 CYC
1/3 PHASE, 2250/2500 VA
SIZE: 19x11x8; WT: 75 LBS.
PRICE: USED \$49.50



MG-149F INVERTER

INPUT: 24 VDC 36 AMPS.
750 VA
OUTPUT: 115 V 400 CYCLE
1 PHASE 500 VA
26 V 400 CYCLE
1 PHASE 250 VA
SIZE: 12 x 7 1/2 x 8, WT: 21 LB.
PRICE: USED \$24.95

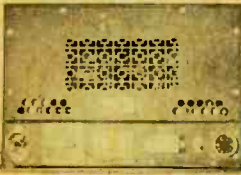
CONNECTOR PLUG TO FIT \$1.50



RA-87 AC RECTIFIER

Selenium type rectifier use with teletype printers operates from 115/230 volts 50-60 cycle output 115 volts DC .400 amps & 110 volt 50 - 60 cycle. Size 1 1/2 x 7 1/2 x 8 WT. 43 lbs.

NEW \$8.95



RA-62 AC POWER SUPPLY

Power Supply used with SCR-522 Transmitter-Receiver supplies all the necessary voltages.
INPUT: 115/230 60 cycle
OUTPUT: 300 VDC 230 MA.
-150 VDC 8 MA.
13 VDC 3.9 AMPS.
Completely fused & filtered.
Size 16 x 11 1/2 x 11 WT. 75 lbs.
PRICE: USED CHECKED \$59.50



G-24 AC & DC GENERATOR

OUTPUT
115 VAC 800 CYCLE 10.5 A.
28 VDC 60 AMP. @ 2400 RPM.
SPLINE SHAFT SIZE 7/8x1 1/2
SIZE: 6 1/2 x 7 1/2 x 13; WT: 45 LBS.
RE-COND. \$19.95



D.C AIRCRAFT MOTOR
GE# 5BA50LJ29-HP .4
RPM 3000 ARM.V 60 FLD.V 27
AMPS. FLD. 2.3, ARM. 6.5
DUTY 10 MIN. INT. AT FULL
RATING.
SHAFT, CORK SCREW 5/8" DIA.
FLANGE MTG. 3/8 IN CNTS.
SIZE 6 1/2" LESS SHAFT 4 1/2 x 4 1/2
WT: 11 LBS. UNUSED \$4.95



AIRCRAFT MOTOR
MAXSON MODEL 118 H.P. 1
RPM 5800; 24 VOLTS DC
55 AMPS., SPLIT FIELD,
REVERSIBLE SHUNT, DOUBLE
END SHAFTS WITH GEAR 1/2"
1/3-8", FLANGE MTG. 3/8" CT.
SIZE: 6 1/2 x 4 1/2 x 4 1/2; WT: 15 LBS.
UNUSED \$4.95

ELECT. ENG. MFG.
TYPE C-368, 26VDC
35 AMPS. 600 WAT
1/2 HP, APP. 3000
RPM, VERT. KEYED
SIZE 12 LBS
SHAFT 1/2" DIA. 3/16 SLOT.
FL. MTG. 3/8" CT. 7" LG. \$4.95

INVERTER
INPUT
27.5VDC 60A
OUTPUT
115 V 400 CY
750 W 3 PHASE
26 V 400 CY
50 W 1 PHASE
SIZE 11x10x6; WT: 40 LBS.
LELAND#10285 USED \$34.95

INVERTER
INPUT
27.5VDC 22A
OUTPUT
115V 400 CY
3 PH 250 VA
SIZE 9x6x4; WT: 15 LBS.
ECLIPSE#E-1617-1 USED \$14.95



VIBRATOR POWER SUPPLY
TWO 6 VOLT SUPPLIES ON A
COMMON CHASSIS USING O24
RECTIFIER TUBES, OUTPUT 540
VDC @ 150 MA. CAN BE TAPPED
AT 270 VDC 150 MA.
SIZE: 9x6x5; WT: 10 LBS.
STK#3H6694-5 UNUSED \$9.95



MINI VIBRATOR SUPPLY
PP-855/PRC-14, AIRPAX No.
A-1063, VIBRATOR TYPE WITH
FILTER NETWORK, INPUT 6VDC
5.35 AMPS. OUTPUT 135 VDC
155 MA. VIBRATOR MOUNTS
OF UNIT. 7 1/2 x 2 1/2 x 2 1/2; WT: 3 LB
NEW \$4.95

PP-18/AR VIBRATOR
TYPE CONVERTER
INPUT 12VDC 4 AMP
OUTPUT 28 VDC 1.5
AMPS, FILTERED.
USES A NITROGEN
SEALED VIBRATOR. USED TO OP
ERATE 28 VOLT EQUIPMENT FOR
12 VOLTS. TWO OR MORE CAN
BE WIRED IN PARALLEL TO OB
TAIN A HIGHER CURRENT OUT
PUT. WITH PLUGS, MTG & SPARI
VIBRATOR, 6 1/2 x 5 1/2 x 8 1/2; WT: 9 LBS.
NEW \$7.95 USED \$4.95

FT-498 SHOCK
MOUNTING WITH
FOUR 10 LB.
RUBBER MOUNTS ON A ALUMINUM
PLATE 13x8x1 1/2; WT: 2 LBS.
PRICE: \$1.00

VOLTAGE REGULATOR
INPUT 21-30 V.D.C
5 AMPS. REGULATION
18-30 vdc #4511281
SIZE: 4x3; 3LBS.
\$1.50

PI GENERATOR

OUTPUT: 28 VDC 200 AMPS.
2500 TO 6000 RPM.
SPLINED SHAFT 7/8 x 1 1/2;
SIZE 6x8x1 1/2; WT: 48 LBS.
PRICE: USED \$19.95

12 VOLT GENERATOR
50 AMPS. 38 LBS
SIZE 9x6x6
SHAFT 3/4x2
KEYED & NUT
DELCO#1106461
PRICE: NEW \$9.95

PE-115 PHILCO
INVERTER 28VDC
36 AMP. INPUT.
OUTPUT 90 VOL
800 CYCLE 7.2
AMP. (NO VOLT
AGE REGULATOR
11x10x7; 40LBS
USED \$12.95

GENERATOR GAEN-211219C
OUTPUT: 12.5 VDC 4 AMPS.
240 VDC 100 MA.
INPUT DRIVE: 3/16 HP.
3450 RPM.
SHAFT SIZE: 3/8 x 1 1/2
MOTOR SIZE: 5 x 6 x 9 WT. 25 lbs.
Used: \$4.95 New \$6.95

DYNAMOTOR
DY-85 VRC-2X
INPUT: 24 VDC 8 AMP.
OUTPUT: 600 VDC 175 MA.
SIZE: 7x4x4 1/2; WT: 10 LBS.
PRICE: NEW \$3.95

INVERTERS

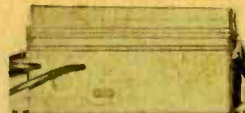
EICOR #1-3112-1
INPUT: 26 VDC 6 AMP.
OUTPUT: 26 VAC 400 CYC.
VOLT/AMP: 40 1 PHASE
DUTY: CONT. 1.0 P.F
SIZE: 7 1/2 x 3 1/2; WT: 8 LBS.
PRICE: NEW \$8.95

PU-16 INVERTER
INPUT: 28 VDC 60 AMPS.
OUTPUT: 115 VAC 6.5 AMPS.
400 CYCLE 1 PHASE
Used: \$18.95
Size: 7 x 15 x 9 Wt. 38 lbs.

5D21N3A INVERTER
INPUT: 27 VDC 35 AMPS.
OUTPUT: 115 VAC 2.17 AMPS.
400 CYCLE 1 Phase.
Used: \$14.95 Unused \$24.95
Size: 9 x 6 1/2 x 5 1/2 WT. 20 lbs.

INVERTER
800-1-A
WT. 35 lbs.

Size 4 1/2 x 8 x 12
INPUT: 24 VDC 75 AMPS.
OUTPUT: 115 VAC 800 CYCLE
1 Phase 10.5 AMPS.
USED \$12.95



PE-237 POWER SUPPLY
VIBRATOR TYPE

INPUT: 6 VDC 27 AMPS.
12 VDC 13.2 "
24 VDC 7 "
OUTPUT: 525 VDC 90 MA.
105 VDC 42 MA.
6.5 VDC 2 AMPS.
6 VDC 500 MA.
1.3 VDC 450 MA.
130 VDC 17 MA.
With tubes & vibrator.
Size 10 x 10 x 17 WT. 70 lbs.
USED \$14.95 RE-NEW \$19.95



CARTER GENEMOTOR
MOTOROLA#259K1003
INPUT: 26.1 VDC 7 AMPS
OUTPUT: 405 VDC 270 MA.
SIZE: 7x4x5; WT: 12 LBS.
USED \$2.95 NEW \$3.95



PE-120 Power Supply

INPUT: 6 VDC 4.5 AP.
12 VDC 2.5 AMF.
24 VDC 1.5 AMP.
OUTPUT: 145 VDC 75 MA.
90 VDC 40 MA.
1.5 VDC .75 AMP.
Vibrator type voltage regu
lated complete with tubes
OB-3/VR-105, 1005 & Ballast.
Also vibrator for 12 VDC.
Size 4 1/2 x 13 1/2 x 15 1/2 WT. 29 lbs
RE-NEW \$7.95



VRC-2 DYNAMOTOR

INPUT: 5.5 VDC 31 AMPS
OUTPUT: 600 VDC 175 MA
SIZE 7 x 4 1/2 x 4 1/2 WT: 8 LBS
STK.# 3H1514-5
PRICE RE-NEW \$7.95



PE-49
GASOLINE
ENGINE
GENERATOR

GENERATOR OUTPUT 1000 VDC
350 MA & 14.6 VDC 25 AMPS.
ENGINE: 1 CYCL. 4 CYCLE
APPROX. 3 HP.
SIZE: 36x20x25; WT: 275 LBS.
PRICE: \$75.00



Size: 5 x 8 x 12 Wt. 35 lbs.
PE-98 DYNAMOTOR

INPUT: 14 VDC 21 AMPS.
OUTPUT: 300 VDC 260 MA.
150 VDC 10 MA.
USED \$5.95 UNUSED \$9.95

PE-94 DYNAMOTOR

INPUT: 28 VDC 10.5 AMPS.
OUTPUT: 300 VDC 260 MA.
150 VDC 10 MA.
14.5 VDC 5 AMPS.
Used \$4.95



TCS POWER SUPPLY
COLLINS 21881

INPUT: 12 VDC 14.5 AMP.
OUTPUT: 400 VDC 200 MA.
225 VDC 100 MA.
Size: 7 1/2 x 7 x 13 WT. 28 lbs.
UNUSED \$14.95



DY-17 DYNAMOTOR

INPUT: 27 VDC 32 AMPS
OUTPUT: 400 VDC 750 MA.
750 VDC 350 MA.
Used \$12.95



PP-868/U VIBRATOR
POWER SUPPLY

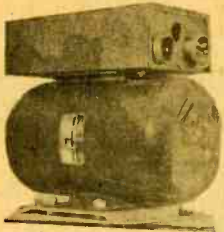
INPUT: 12 DC 2.0 AMP.
OUTPUT: 6.3 AC 1.0 AMP.
6.3 " .45 "
1.4 DC 1.25 "
155 DC 15 MA.
150 DC 5 "
140 DC 50 "
40 DC .5 "
SIZE: 5x6 1/2 x 7; WT: 12 LBS.
PRICE: USED \$9.95



DY-9B/ARC DYNAMOTOR

INPUT OUTPUT
VOLTS AMPS. VOLTS AMPS.
26 4.3 360 CONT. 135
26 7.8 310 INT. 355
SIZE: 9x5x3 1/2; WT: 10 LBS.
RE-MOVED F/EQUIP. \$9.95

DYNAMOTORS



Size 6½ x 10 x 11 WT. 38 Lbs.
With fuses and starting relay.

HD-77 DYNAMOTOR

INPUT: 14 VDC 39 AMPS.
OUTPUT: 1000 VDC 350 MA.

PE-73 DYNAMOTOR

INPUT: 28 VDC 19 AMPS.
OUTPUT: 1000 VDC 350 MA.
used \$12.95

DM-42 DYNAMOTOR



USED
\$4.95

INPUT: 12 VDC 39 AMPS.
OUTPUT: 515 VDC 215 MA.
" 1030 " 260 MA.
SIZE: 7x7x11 WT: 38 LBS.



DY-17/ART-13 DYNAMOTOR ONLY

INPUT: 27 vdc 32 AMP
OUTPUT: 400 vdc 750 MA
750 " 350 MA
SIZE: 11½x5; WT: 17 LBS.
UNUSED \$9.95



**PE-98
PE-94 DYNAMOTORS ONLY**

PE-98 DYNAMOTOR ONLY
INPUT: 14 VDC 21 AMPS.
OUTPUT: 300 VDC 260 MA
-150 VDC 10 MA
SIZE: 12x5x5; WT: 26 LBS.
UNUSED \$5.95

PE-94 DYNAMOTOR ONLY
INPUT: 28 VDC 10.5 AMPS
OUTPUT: 300 VDC 260 MA
-150 VDC 10 MA
-14.5 " 5 AMPS
SIZE: 12x5x5; WT: 26 LBS.
UNUSED \$4.95



DA-19A DYNAMOTOR

INPUT: 28 vdc 11 AMPS.
OUTPUT: 400 " 400 MA.
SIZE: 7½x4½x4½; WT: 13 LBS
UNUSED \$4.95

BRUSH SETS



DM-21 DM-25 DM-28 DM-32
DM-33 DM-34 DM-35 DM-36
DM-37 DM-40 DM-41 DM-42
DM-43 DM-45 DM-53
BD-83 BD-93 BD-77
PE-73 PE-86
DA-12 DA-14 DA-1A
DY-21 DY-22
SP-125 35x032
OTHER TYPES ALSO AVAILABLE
SET OF FOUR BRUSHES \$1.00



Size 3 x 3½ x 4½, Wt. 3 lbs.

DM-32 DYNAMOTOR

INPUT: 28 VDC 1.1 AMPS.
OUTPUT: 250 VDC 60 MA.
Price: Used \$2.95 New \$4.95

TYPE 35 x 032
(Same as DM-32 only 12V)

INPUT: 14 VDC 2.4 AMPS.
OUTPUT: 250 VDC 60 MA.
Price: New \$4.95

DM-53 AZ DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 VDC 80 MA.
Price: NEW 7.95

DM-53 DYNAMOTOR

INPUT: 28 VDC 1.4 AMPS.
OUTPUT: 220 VDC 80 MA.
NEW \$6.95 USED \$3.95



Size 3 x 3 x 4½, Wt. 3 lbs.

DM-45 DYNAMOTOR

INPUT: 24 VDC 1.1 AMPS.
OUTPUT: 250 VDC 50 MA.
Price: Used \$2.95 New \$4.95

DM-25 DYNAMOTOR

INPUT: 12 VDC 2.2 AMPS.
OUTPUT: 250 VDC 50 MA.
Price: Used \$2.95 New \$4.95



WEST. 12B534 DYNAMOTOR

INPUT: 24 VDC 1.75 AMPS.
OUTPUT: 300 VDC 70 MA.
Price: Used \$2.95 New \$4.95

Size 3 x 3 x 4½. Wt. 3lbs.
Dynamotors listed below
same size only less base.

DM-6926 DYNAMOTOR

INPUT: 28 VDC 1.1 AMPS.
OUTPUT: 250 VDC 60 MA.
Used \$1.95 Unused \$3.95

DMX-310A DYNAMOTOR

INPUT: 12 VDC 2.8 AMPS.
OUTPUT: 150 VDC 100 MA.
Used \$2.95 Unused \$4.95

TYPE 5047 DYNAMOTOR

INPUT: 27 VDC 1.75 AMPS.
OUTPUT: 285 VDC 75 MA.
Used \$3.95 Unused \$5.95

RADIO NOISE
FILTER 100
AMPS. 50 VDC
GE#1C202
SIZE 4x4x2
PRICE: \$.50



Size 3 x 4½ x 6½. Wt. 5 lbs.

DM-34 DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 VDC 80 MA.
Used \$2.95 Unused \$4.95

DM-36 DYNAMOTOR

INPUT: 28 VDC 1.4 AMPS.
OUTPUT: 220 VDC 80 MA.
Used \$2.95 Unused \$4.95



Size 3½ x 5 x 5½, Wt. 3½ lbs.

PE-86 DYNAMOTOR

INPUT: 28 VDC 1.25 AMPS.
OUTPUT: 250 VDC 60 MA.
PRICE: Used \$2.95 New \$4.95



Size 3½ x 5 x 6½. Wt. 5½ lbs.

DM-28 DYNAMOTOR

INPUT: 27.9 VDC 1.25 AMP
OUTPUT: 220 VDC 70 MA
PRICE: USED \$6.95



INPUT: 12 VDC 9.9 AMP.
OUTPUT: 400 " 180 MA.
SIZE: 4x4½x7; WT: 10 LBS.
PRICE: USED \$6.95

DA 14A SPECTRA WITH BASE

INPUT: 14/28 VDC 3.3/1.6 A
OUTPUT: 230 VDC 100 MA.
SIZE: 3½x3½x6; WT: 6 LBS.
UNUSED \$6.95

DM-21 DYNAMOTOR

INPUT: 14 VDC 3.3 AMP.
OUTPUT: 235 VDC 90 MA.
SIZE: 6x5x3; WT: 8½ LBS.
PRICE: USED \$7.95



DY-21 DYNAMOTOR

INPUT: 27 VDC 7 A
OUTPUT: 410 " 325 MA.
SIZE: 7½x3x3½ WT: 8½ LB
PRICE: USED \$7.95



Size 4½ x 5½ x 6½. Wt. 10½ lbs.

BD-83 DYNAMOTOR

INPUT: 14 VDC 6.5 AMPS.
OUTPUT: 375 VDC 150 MA.
UNUSED \$7.95

CW21441 DYNAMOTOR

INPUT: 28 VDC 2.9 AMP
OUTPUT: 330 " 135 MA
NEW \$3.95

DM-416 DYNAMOTOR

INPUT: 28 VDC 3.1 AMPS.
OUTPUT: 330 VDC 170 MA.
Used \$1.95 Unused \$3.95

BD-93 DYNAMOTOR

INPUT: 28 VDC 3.2 AMPS.
OUTPUT: 375 VDC 150 MA.
Used \$2.95 Unused \$4.95



Size 4 x 7 x 6½ Wt. 10½ lbs.

PE-133 DYNAMOTOR

INPUT: 12 VDC 2.3 AMPS.
OUTPUT: 230 VDC 90 MA.
Used \$4.95 Unused \$6.95



Size 5½ x 6 x 8½. Wt. 12½ lbs.

TYPE 377 DYNAMOTOR

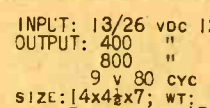
INPUT: 14 VDC 8 AMPS.
OUTPUT: 425 VDC 163 MA.
Used \$6.95 Unused \$9.95



Size 5½ x 3½ x 7. Wt. 7 lbs.

DM-40 DYNAMOTOR

INPUT: 14 VDC 3.4 AMPS.
OUTPUT: 172 VDC 138 MA.
PRICE: USED \$3.95



CONNECTOR PLUG 1.50

INPUT: 13/26 vdc 12.6/6.3A
OUTPUT: 400 " 135 MA.
800 " 20 "
9 v 80 cyc 1.12 AMP.
SIZE: 14x4½x7; WT: 15 LBS.
PRICE: NEW \$7.95



Size 4½ x 4½ x 8½ Wt. 13 lbs.

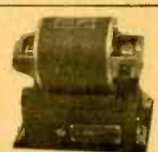
DM-35 DYNAMOTOR

INPUT: 12.5 VDC 18.7 AMPS.
OUTPUT: 625 VDC 225 MA.

NOT AVAILABLE

DM-37 DYNAMOTOR

INPUT: 25.5 VDC 9.2 AMPS.
OUTPUT: 625 VDC 225 MA.
Unused \$4.95



BD-69 DYNAMOTOR
INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 " 80 MA.
SIZE: 6½x6x4½; WT: 10 LBS.
UNUSED \$3.95



CAY-21772 DYNAMOTOR
INPUT: 12 vdc 3 AMPS.
OUTPUT: 235 vdc 75 MA.
SIZE: 6½x5x4 w/MTG. 7 LBS.
UNUSED \$4.95



INPUT: 28 VDC 1.6 AMP
OUTPUT: 230 VDC 100 MA
SIZE: 3½x3x5½; WT: 6 LBS.
UNUSED \$4.95



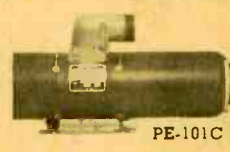
DM-23 DYNAMOTOR

INPUT: 28 VDC 5 AMPS.
OUTPUT: 575 VDC 160 MA.
NOT AVAILABLE

Size 3½ x 4 x 7½ Wt. 8½ lbs.

DY-22 DYNAMOTOR


INPUT: 28 VDC 1.8 AMPS.
OUTPUT: 210 VDC 125 MA.
Price: Used \$4.95
Size 3½x3½x6½; Wt. 5lbs.




WINCO TYPE 41S6 DUAL OUTPUT
INPUT: 13 vdc 13 A.
OUTPUT: 300 vdc 225 MA
250 " 60 "
SIZE: 8½x4½x4; WT: 10 LB
PRICE: UNUSED \$7.95

AC-DC Motors Hi-Speed Gear Reduction's Blowers

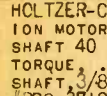
DELCO PM MOTOR 250 RPM #5067127
 27 VDC WITH GEAR ATTACHED TO $\frac{1}{2}$ " SHAFT
 REMOVABLE MOUNTING, 8 OZ. INCH TORQUE
 REMOVED FROM NEW EQUIPMENT.
 SIZE: $4\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$
 WT: 8oz. GE SAME AS ABOVE NOT PM #5BA10AJ8C \$3.95
 PRICE \$4.95




ELECTRO COUNTER & TIMER MOTOR, 115 VOLT
 60 CYCLE, 14 RPM, USED TO TURN TUNERS,
 HIGH POWER TORQUE, INTERMITTENT OPERATION
 SIZE: $3 \times 4 \times 3$; WT: 2 LBS. #MA201752 \$1.50




HOLTZER-CABOT DUAL SPEED GEAR REDUCT-
ION MOTOR, 115 V. 60 CYCLE, 1 PHASE, ONE
 SHAFT 40 RPM, OTHER 165 RPM 24 OZ. 1
 TORQUE, .4 AMP. MOTOR SIZE $4\frac{1}{2} \times 4\frac{1}{2} \times 5\frac{1}{2}$,
 SHAFT $\frac{3}{8} \times 4-40$ RPM, $1/8 \times 3/8-165$ RPM.
 #RBS-3712 \$9.95




RATCHET MOTOR, 24 VOLT DC 60 RPM CONTINUOUS
 ALSO 3 POSITION STOP. BAND SWITCH ASSEMBLY
 AS USED IN R-5/ARN-7 COMPASS RECEIVER.
 UNIT WILL ALSO OPERATE ON 18 TO 24 VDC.
 SIZE: $3 \times 4 \times 1\frac{1}{2}$; WT: $1\frac{1}{2}$ LBS. STK# 609-ARN-7
 PRICE: \$1.25



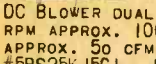
WESTINGHOUSE BUSINESS MACHINE MOTOR 25 MHP
 115 VOLTS 50/60 CYCLE 5/4 ANPE
 TYPE FL 4.0/3.0 MFD. 1425/1725
 RPM. SIZE: $4\frac{1}{2} \times 4 \times 4$; WT: 5 LBS.
 SHAFT $5/16 \times 1/2$ FLATENED. FOR USE
 IN RUBBER SHOCK MOUNTING BRACKE
 PRICE: NEW \$2.95




TELETYPE MOTOR AC; 110 VOLT 60 CYCL
 1 PHASE, NON-SYNCHRONOUS, 1/25 HP,
 1800 RPM, 1.25 AMP., DOUBLE SHAFT
 $1\frac{1}{2} \times 3/16 \times 5/8 \times 3/16$, MOTOR SIZE $5\frac{1}{2} \times$
 5×5 ; WT: 13 LBS. GE#28478
 USED \$4.95



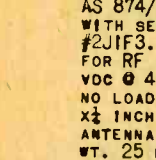
DC BLOWER DUAL OUTLET; @ 24 VDC 3000
 RPM APPROX. 100 CFM; @ 12 VDC 1500 RPM
 APPROX. 50 CFM. SIZE $10 \times 5 \times 5$; WT: 5 LBS.
 #5BS25KJ501. PRICE USED \$1.95




TG-8/APA-69 ANTENNA ROTOR
 26.5VDC @ 5 AMPS. APPROX.
 200 RPM NO LOAD. KEARFOTT
 SELBYN #R-230-2A. SLIPRING
 CONTACT TO ANTENNA.
 WT. 20 LBS. $10 \times 7\frac{1}{2} \times 7\frac{1}{2}$
 BNC CONNECTORS TO ANTENNA




AS 874/APX ANTENNA ROTOR
 WITH SELBYN GENERATOR GE
 #2J1F3. CENTER FEED THROUGH
 FOR RF CABLE TO ANTENNA. 28
 VDC @ 4 AMPS. APPROX. 33 RPM
 NO LOAD. ROTOR HAS 4 INCH
 $\frac{1}{2}$ INCH DISK FOR MOUNTING
 ANTENNA TO ROTOR. $9\frac{1}{2} \times 12 \times 10$
 WT. 25 LBS. USED \$19.95




PM MOTOR ASSEMBLY & GEAR TRAIN
 USED IN R-44 RECEIVER FOR REMOTE
 TUNING. CONTAINS DELCO PM MOTOR
 #5069370, 10,000 RPM ATTACHED TO
 A GEAR ASSY. THAT HAS TWO SHAFTS
 80 RPM AND IS GEARED TO TWO
 SHAFTS WITH $3"$ & $\frac{1}{2}"$ GEARS THAT
 THAT TURN AT 40 & 80 RPM. ASSY
 SIZE $4\frac{1}{2} \times 6 \times 3$; SHAFT SIZES $\frac{1}{2} \times 3/4$
 WT: $3\frac{1}{2}$ LBS. STK. #3H3100-15
 PRICE: \$4.95




GENERAL ELECTRIC 58A25DJ300
 24 VDC @ 2 AMPS., 4500 RPM, REVER-
 SIBLE, GOVERNOR CONTROL MAGNETIC
 BRAKE, FLANGE MOUNT, SIZE $2\frac{1}{2} \times 5\frac{1}{2}$,
 WT: 3 LBS., SPLINED SHAFT $3/16 \times 7/8$
 PRICE: \$2.95




DELCO P.M. MOTOR #5069466, 27.5 VDC
 IN ALUMINUM CASE GEARED TO WORM GEAR
 MOTOR SIZE $1\frac{1}{2} \times 1\frac{1}{2} \times 2\frac{1}{2}$, 10,000 RPM.
 CASE SIZE $2\frac{1}{2} \times 2\frac{1}{2} \times 2$ LESS MTG. SIZE.
 WORM GEAR 2000 RPM. WT: 2 LBS.
 STK# 3H3100A-1 PRICE: \$2.95




John Oster type C 24A-1B - KS-5829-
 01 27 VDC 1/100 HP 7000 RPM DC
 Series Motor 2" D X 3" L. Shaft
 $\frac{1}{2} \times 1$ Wt. 1 lb. Price \$.75




6 VOLT DC MOTOR, REVERSIBLE 1/20 H.P.
 SHAFT $\frac{1}{2} \times 3/4$, FRONT END MOUNTING STUDS,
 MOTOR SIZE $3\frac{1}{2} \times 3$; WT: 4 LBS. APP 3000 RPM
 G16VDC-R PRICE: \$1.25




EMC TYPE 300, 45 v 60 cyc, 6 1/2 RPM
 LIGHT OPEN FRAME $5 \times 2\frac{1}{2} \times 1\frac{1}{2}$; SHAFT
 $3/16 \times 1$; 1 LB. \$1.50



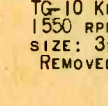
UEC#521 28 vdc 1.2 A/ 6000 RPM
 BLOWER INLET $1\frac{1}{2}$, OUTLET 1×1 OVER-
 ALL SIZE $5\frac{1}{2} \times 4 \times 3\frac{1}{2}$; 3 LB. \$3.95



Delco 5069370 27 VDC Reversible PM
 Motor and Gear assm. in an Aluminum
 case. Output speed is 80 RPM through a
 friction clutch to a double shaft $\frac{1}{2} \times$
 $3/4$ on one side, $\frac{1}{2} \times 1\frac{1}{2}$ on the other.
 Size complete assm. $3 \frac{5}{8} \times 2 \times 4\frac{1}{2}$
 excluding shaft. Has built in noise
 filter system. Wt. 1 lb. 5 oz.
 Price..... \$ 4.95




TG-10 KEYS MOTOR, 115 VOLT 60 CYCLE
 1550 RPM, SHAFT $1-7/8"$, GEARED TO 80 RPM.
 SIZE: $3\frac{1}{2} \times 3\frac{1}{2} \times 4\frac{1}{2}$; WT: 3 LBS. #3H3000-3
 REMOVED FROM TG-10 EQUIPMENT
 \$2.95

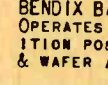


12 VOLT D.C MOTOR


LEECE NEVILLE 12 VOLT D.C MOTOR
 5000 R.P.M., 1/20 H.P. SHAFT $\frac{1}{2} \times 1\frac{1}{2}$
 MOTOR $3\frac{1}{2} \times 3$; WT: 5 LBS. BRONZE BEARING
 #R&R-12 VDC \$1.95




BENDIX BAND CHANGE MOTOR #AC56566-2
 OPERATES FROM 28 VDC. THREE POS-
 ITION POSITIVE STOP. WITH SWITCHES
 & WAFER ASSY. SIZE: $6 \times 3 \times 2$ WT: 1 LB.
 PRICE: \$2.95




DELCO 5069790 PM 100 R.P.M.
 27 VDC WITH GEAR ATTACHED TO
 $\frac{1}{2}$ INCH SHAFT $\frac{1}{2}$ INCH LONG.
 MOTOR SIZE $1\frac{1}{2} \times 4$. WT: 8 OZ.
 PRICE: \$3.95




Bendix LM108J 24VDC 1/25 HP 15,000 RPM
 Series Motor. Geneva Loc. Actuator. Shaft
 routes a revolution and stops and is
 locked in place until next contact is
 made then the cycle is repeated-time per
 cycle app. 3 seconds. Size $4 \times 2\frac{1}{2} \times 5\frac{1}{2}$.
 Shaft size $\frac{1}{2} \times \frac{1}{2}$. Wt. 1 lb. 14 oz.
 Price..... \$ 4.95



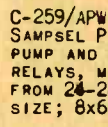
General Electric 58A25MJ424 - Type BA
 24 V @ 4.2A 7100 RPM 1720 HP Flange
 mount Motor size $2\frac{1}{2} \times 5"$. Shaft size
 $\frac{1}{2} \times 1$ Wt. $3\frac{1}{2}$ lbs. Price..... \$1.95




ELECTROLUX MOTOR 28.5 VDC. 1.8 AMPS.
 2200 RPM. 1/35 H.P. SHAFT SIZE $1\frac{1}{2} \times \frac{1}{2}$
 MOTOR SIZE: $4\frac{1}{2} \times 3\frac{1}{2}$ WT: 5 LBS.
 PRICE: \$3.95



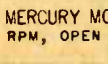
C-259/APW-1 MOTOR PUMP & CYLINDER
 SAMPSEL P.M. MOTOR WITH $2\frac{1}{2}"$ PRESSURE
 PUMP AND $2\frac{1}{2}"$ VACUUM CYLINDER WITH 3
 RELAYS, MICRO SWITCH ETC. OPERATES
 FROM 28-28 VDC.
 SIZE; $8 \times 6 \times 6$; WT: 10 LB. NEW \$6.95




FLYER ELECTRIC MOTOR HEAVY DUTY
 115 VOLTS AC-DC 50-60 CYC. 78 AND
 33 1/3 R.P.M. $9 \times 5 \times 4$ WT. 10 LBS.
 PRICE: \$1.50



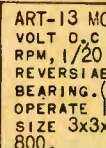
MERCURY MOTOR 8100, 115 VOLT 60 CYCLE, 1750
 RPM, OPEN FRAME $3 \times 2\frac{1}{2} \times 2$, SHAFT $\frac{1}{2} \times 1\frac{1}{2}$, WT: 1 LB.
 PRICE: \$1.00




John Oster Shunt Motor B-9-1 27 1/2 VDC
 @ .7A. 5600 RPM. Aluminum Cased Motor
 and Gear assm. Motor is flange mount-
 ed to the Gear case. 2 gear reductions
 22 and 5 1/2 RPM on $\frac{1}{2} \times 1\frac{1}{2}$ shafts. Size
 $2 \frac{3}{4} \times 3 \times 7"$. Wt. 1 lb. 14 oz.
 Price..... \$1.00




ART-13 MOTOR 28
 VOLT D.C 3900
 RPM, 1/20 H.P.
 REVERSIBLE, BALL
 BEARING. (WILL
 OPERATE 12 VOLT
 SIZE $3 \times 3 \times 3\frac{1}{2}$; 2 LB. #B-101/803/
 800. PRICE: \$1.95




OSTER 10 CFM Blower
 John Oster motor C2EP-1A
 27.5 VDC 1/100 HP 6000
 RPM with blower 10CFM.
 Size $3\frac{1}{2} \times 3\frac{1}{2} \times 4\frac{1}{2}$ Wt 1 1/2
 Motor & Blower \$3.95 Motor only 1.95




400 CYCLE BLOWER
 Eastern Air Devices
 10 CFM Blower 115 Volt
 400 cycle, 1/100 HP
 motor. Size $3\frac{1}{2} \times 3\frac{1}{2} \times 4\frac{1}{2}$
 Wt. 1 lbs.
 PRICE: \$2.95



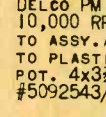
PINCOR BLOWER
 Cast Aluminum house-
 ing shunt type motor
 24 VDC 5000 RPM, 10
 CFM blower. Motor
 noise filtered. WT 1lb
 10 oz. Size $3\frac{1}{2} \times 4\frac{1}{2} \times 4$.
 PRICE: \$2.95



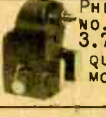
OPEN TYPE BLOWER
 Delco motor 5069267 27 VDC
 6000 RPM, reversible shunt
 type, flange mount. WT 1 lb
 size $1-3/4 \times 2-5/8 \times 2\frac{1}{2}$.
 Motor-Blower \$1.95 Motor only \$1.50




DELCO PM MOTOR 12 VDC
 10,000 RPM, GEARED
 TO ASSY. APPROX 250
 TO PLASTIC WHEEL &
 POT. $4 \times 3\frac{1}{2} \times 2$; 1 LB.
 #5092543/2 \$4.95



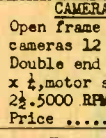
PHILCO GEAR REDUCTION
 NO. 441-1008, 24 VDC,
 3.7 RPM 40 LB. IN. TOR-
 QUE, SHAFT $5/16 \times 5/8$,
 MOTOR $4 \times 3\frac{1}{2} \times 5\frac{1}{2}$; 4 LBS
 \$5.95



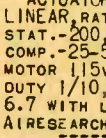
NAVY PM MOTOR
 27 VDC
 1/150 H.P.
 5000 R.P.M
 SHAFT $3/4 \times 3/16$
 MOTOR $1\frac{1}{2} \times 1\frac{1}{2} \times 2$
 WT: 8 oz. STK# J942-BUO-676213
 PRICE: \$1.95



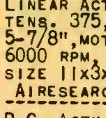
CAMERA MOTOR
 Open frame used in aircraft
 cameras 12 Volt AC-DC
 Double end shaft $1/8$
 $\times \frac{1}{2}$, motor size $2\frac{1}{2} \times$
 $2\frac{1}{2} \times 5000$ RPM. # QM-120
 Price \$1.95



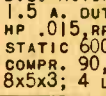
ACTUATOR
 LINEAR, RATED LOAD LBS.
 STAT.-200, TEN.-25-50.
 COMP.-25-50, TRAVEL 2"
 MOTOR 115v400cycle, 6000 RPM.
 DUTY 1/10, H.P. .04, TORQ. OZ. 11
 6.7 WITH LIMIT SWITCHES. USED
 AIRSEARCH#35906-30 \$2.95



LINEAR ACTUATOR, STAT. 750,
 TENS. 375, COMP. 200, ARM. TRAI
 5-7/8", MOTOR 115 v. 400 CYCLE
 6000 RPM, DUTY 1-10, HP .04
 SIZE $11 \times 3 \times 4$; WT: 5 LB. USED
 AIRSEARCH#31914 \$3.95




D.C. ACTUATOR 26 V.
 1.5 A. DUTY 3/20
 HP .015, RPM 7500 \$2.95
 STATIC 600, TEN. 130
 COMPR. 90, TRAVEL $1\frac{1}{2}"$
 $8 \times 5 \times 3$; 4 LB. ELA-3-139-2




HEAVY DUTY
 REVERSIBLE
 TYPE GEAR
 HEAD MOTOR
 JOHN OSTER
 #KU-1L-1R
 28 VDC 100 - 200RPM
 8 AMP 2 1/2 lb. FT.
 torque. Size $7\frac{1}{2} \times 10 \times 4\frac{1}{2}$ WT. 12 lbs
 Shaft size $7/16 \times 3/4$. Price \$5.95





BULLS EYE LIGHT
DULL FINISHED BRASS, DOUBLE CONTACT, BAYONET BASE, RED LENSE
1" MTG. HOLE W/ 12 VOLT BULB LM-44, SIZE 1 1/2 x 3. #226125-22
PRICE: 39¢ EA. 3 FOR \$1.00

ALNICO MAGNETS
ALNICO BAR TYPE MAGNETS
(1) ONE INCH x 1/2 x 1/8
ORIGINALLY USED IN MICRO PHONES. #948 12 FOR \$1.25

SW-206EP-15

20 POSITION ROTARY SWITCH WITH SIX DECKS.
2 1/2" DIA. PRICE: \$2.95

CERAMIC COIL FORM F/ART-13 ANTENNA LOAD
SIZE 2" x 5". NO WIRE 50¢ WITH WIRE \$1.00

RUBBER SHOCK MOUNTS
MTG HOLES 2" CENTERS
6 LB. #6 \$1.35
14 LB. #14 .50
10 LB (ILLUS) #5150 .40

CERAMIC COUPLER 2" DIA.
3" SHAFT EA. SIDE
STK#SWU-5 PRICE: \$.50

GIANT 4 CONTACT CERAMIC FOR #872, 211 ETC. 3 1/2" RD.
GE#M17461594-G1
PRICE: USED \$.39

GIANT 4 CONTACT CERAMIC SOCKET FOR 715 718 ETC. 3 1/2" RD.
STK#27684.98
PRICE: NEW \$.50

GIANT TUBE SOCKET 7 CONTACT FOR 813 4E27A ETC. 2 1/2" Ø
GE#M17466795-1/442
PRICE: \$.75 USED

REGULATOR CURRENT AUTOMOTIVE TYPE
OPEN FRAME 50 AMP.
SIZE 2 1/2 x 2 1/2 x 1 1/2" LB
ORD.#G1026184433
DELCO#1884042 \$1.00

TERMINAL STRIPS WITH CLIPPED WIRES
AMT. TERMINALS - 6 - 8 - 10 - 12 - 14
1" WIDE EACH .15 .20 .25 .30 .35
1 1/2" WIDE " .20 .25 .30 .35 .40

BINDING POSTS 7 ON A BAE-LITE STRIP, THUMB SCREW TYPE
TERMINALS. REMOVED FROM EQUIP
PRICE: \$.35 EA. 3 FOR \$1

TELEPHONE SIGNAL DROP SWITCH BOARD UNIT WITH MOMENTARY & HOLD MULTI-CONTACT LEVER SW RING IN DROP RELAY & PHONE JACK. SIZE 1 1/2 x 8 x 3. WT: 1 LB.
#EE-2 \$.39 EA. 3/\$1 USED
PL-11 PLUG ON 30" CORD \$.35 EA.

SW-118 SWITCH ASSY. SPST, ONE SIDE HOLDING ON - OTHER SIDE MOMENTARY ON, CENTER OFF SWITCH SIZE 2 1/2 x 1, CASE SIZE 2 1/2 x 1.
PRICE: \$.35 EA. 3 FOR \$1.00

B-9A SWITCH ASSY SPDT CENTER OFF 5 AMP. 125 VOLTS TWO HOLE MTG. SIZE: EA. SW 3/4 x 2 x 1. \$.35 EACH BANK OF FOUR \$1.

Capacitors

MFD	VDC	SIZE	PRICE
2000	15	1 1/2 x 4 1/2 RD	\$.59
6000	75WVDC	3x4 1/2	3.95
1000	50	1 1/2 x 4 1/2 RD	.55
25M	25WVDC	3x4 1/2	2.95
24000	3	4 x 3 RD	1.50
4	400	2 1/2 x 3 1/2 x 1 1/2	.25
5x5	400	3 1/2 x 3 x 2	.50
10	400	4 x 4 x 1	.75
.5	500	1 1/2 x 1 1/2 x 1/2	.20
2	600	1 1/2 x 4 1/2 x 1	.25
4	600	3 1/2 x 2 x 1 1/2	.50
6	600	4 1/2 x 2 x 1 1/2	.75
7	600	4 x 4 x 2	.85
10	600	3 1/2 x 4 1/2 x 1 1/2	1.10
2 1/2 x 2 1/2	600	6 1/2 x 4 x 2	.75
1	1000	1 1/2 x 2 1/2 x 1	.50
2	1000	1 1/2 x 4 x 1	.95
15	1000	3 1/2 x 4 1/2 x 2 1/2	2.95
1-1-1	1200	3 1/2 x 3 1/2 x 2 1/2	1.00
1	2000	2 x 3 x 1	1.25
.5	2500	3 1/2 x 3 x 1	.75
MFD	VAC	SIZE	PRICE
5	660	3 1/2 x 4 x 1 1/2	1.95
15	330	3 1/2 x 5 1/2 x 1 1/2	1.75
1	1000	3 1/2 x 4 x 2	.75

POTENTIOMETER 100 WATT, 100,000 OHM IN 20 STEPS 5000 OHM EACH WITH HEAVY DUTY CONTACTS & INSULATED TERMINALS 7 SHAFT. DAVEN#1373
\$1.25
SIZE: 5 1/2 x 3 1/2, SHAFT 1-3/8 x 3/8. WT: 1 1/2 LB. STK#Z27281-3

CAPACITOR BANK IN METAL BOX. TOTAL CAPACITY 15 MFD 600 VDC
1/1, 2/2 & 2/5
6 1/2 x 4 1/2 x 5: 6 LBS.
#R16-11687-500 \$1.75

10 MFD @ 2000 VDC 4 1/2 x 4 1/2 x 3 1/2: 3 LBS.
5910-819-2151 \$5.95
2 MFD @ 4500 VDC 5 x 4 x 3: WT: 4 LBS.
F350-7628821 \$6.95

MFD	VDC	SIZE	PRICE
15	1000	3 1/2 x 4 1/2 x 2 1/2	\$1.95
10	600	3 1/2 x 4 1/2 x 1 1/2	1.10
6	600	4 1/2 x 2 1/2 x 1 1/2	.75
4	600	3 1/2 x 2 1/2 x 1 1/2	.50
8	1500	3 1/2 x 5 1/2 x 2 1/2	3.95

Switches

Switches removed from new equip.

TYPE	MTG	VOLTS	ST#	PRICE
S.P.S.T.	NUT	3A/125	SW-105	.20
S.P.D.T.	"	"	8829K1	.35
4.P.S.T.	"	"	8883K2	.55
D.P.S.T.	"	"	8822K1	.35
D.P.D.T.	"	"	SWP221	.50
S.P.S.T.	"	"	8817K2	.25
(Momentary)				
D.P.D.T.	"	"	ST-22R	.40
(Momentary one side)				

HEAVY DUTY TAP SWITCH 5 POSITION FOUR HOLE MOUNTING
SIZE: 2 1/2 x 2 1/2 x 1 1/2
STK# 329627 \$1.50

ANTENNA CIRCUIT SWITCHING SWITCH 100 WATT
Size 4 1/2 x 2-3/4"
3/Make
3/Break
#329626 \$2.50

ROTARY SWITCHES

ROTARY WAFER SELECTOR SWITCH CERAMIC, 6 DECK, 4 POLE 6 CONTACT. 7 1/2 x 2 1/2 x 2 1/2; 3 1/2 LB
SMALL CROSS #10214 USED \$4.95

SWITCH ROTARY CERAMIC WAFER 5 DECK, 1 POLE, 9 POSITION 7x2x2; 1 1/2 LB. SIL.PL.CONT.
#5930-185-0597 \$1.95 NEW

SWITCH ROTARY BAKELITE WAFER 8 POSITION, 3 SECTION, SECT. #1 NON-SHORTING TYPE CONT. SECT.#2&3 SHORTING TYPE CONTACTS. 3x2x2; WT: 8 OZ.
#3Z9825-75.4 NEW \$1.00

SWITCH ROTARY CERAMIC WAFER 2 DECK, 2 POLE 5 POSITION EACH DECK. 2 1/2 x 2 x 2; 5 OZ. CENTRALAB#2515 NEW \$1.00

SWITCH ROTARY BAKELITE WAFER 2 DECK, 5 POSITION, 1 POLE MOMENTARY 5 POSIT. 2x2x2
#SW-145 39¢ EA. 3 FOR \$1

GE CERAMIC POWER SWITCHES 2 DECK 3 POSITION! 2x3 IN. GE#M1746812-G1/403 \$1.95

2 DECK 4 POSITION; 2x4 IN. GE#P42J198-1/394 \$1.95

2 DECK, 3 MAKE, 4 BREAK GE#M17464910; 2x4" \$2.25

ROTARY SELECTOR SWITCH, ONE DECK CERAMIC, 11 POSITION 2" DIA. STK#3Z9825-62.178
PRICE: \$.59 EA. 2 FOR \$1

WAFER SWITCH 8 DECK, 3 POLE 6 POSITION PER WAFER. (USED) #NE8 \$1.95

DAVEN SWITCH #427-EB-5 2 POLE, 9 CONT. 4 DECK. SIZE 5x2 1/2 x 2 1/2 WT: 2 LBS. \$2.95

VIBRATORS

VB-16/6, 12 OR 24 VOLT FOR PE-237 \$3.95
TYPES LISTED BELOW \$1.95 EACH

VB-1/6VOLT FOR PE-117 PE-97 & PE-237 SAME AS VB-7
VS-3/6VOLT FOR PE-104 SAME AS MALL-550C
G534/12 VOLT FOR PE-110
VB-8/2 VOLT FOR PE-157
VB-9/6 VOLT FOR PE-157
VB-11/24 VOLT FOR PE-120
VB-12/6 VOLT FOR PE-120
VB-13/12 VOLT FOR PE-120

DETONATOR IMPACT SWITCH WITH TWO MICRO SWITCHES THAT MAKE CONTACT WHEN THE UNIT IS JARRED.
USED IN PLANES TO DETONATE BOMBS WHEN WRECKED. 5x4x4 WT. 1 1/2 LB. #BC-706 \$0.50

Kits \$1.00

DISC CERAMIC CONDENSERS 33 ASST. 15MMF-.01MFD. Good Value \$1.00 a KIT

TUBULAR CONDENSER 50 ASST. .00025 to .1 200 to 600 V \$1.00 a KIT

MICA CONDENSERS 25 ASST. 10 MMFD To 6800 MMFD. \$1.00 a KIT

TRIMMER CONDENSERS 25 ASST. 3 to 280MMF WIDE RANGE \$1.00 KIT.

RESISTORS INSULATED 50 ASST. 1/2, 1 & 2 Watt wide range of good values 50 ASSORTED \$1.00

RESISTORS WIREWOUND 25 ASST. 5 to 20 Watt. Wide range of values some tapped. 25 ASST \$1.00

VOLUME CONTROLS 10 ASST. Popular Values \$1.00

TUBE SOCKETS 25 ASST. Octals Locals Minatures Wafers etc \$1.00

PILOT LIGHT SOCKETS 25 ASST Bayonet Screw etc. \$1.00

TERMINAL STRIPS, Tie lug strips, ASST types. 25 for \$1.00

TERMINAL WGS, ring spade, crimp types. Wide variety of sizes for all uses in clear plastic box. Approx 200 PCS \$1.00

ROTARY SWITCHES BRAND NEW ORDER NOW 6 for \$1.00

BATHUB CONDENSER KIT 1 MFD. to 1.1 MFD. up to 600 Volt. 10 for \$1.00

HARDWARE KIT NUTS, WASHERS SCREWS, RIVET GROMMETS ETC. 1 1/2 LBS. \$1.00

BUZZER FOR SWITCHBOARDS BD-91/RD-9E OPERATES 2-6 VDC 4-9 VAC, NON-POLARIZED; 10.5 OHMS. VIBRATING ADJUSTABLE TYPE. SIZE 2 1/2 x 2 1/2; WT: 4 OZ. PRICE: \$1.

PE-109B INVERTER FILTER, MALLORY NF-1-2, LELAND B-2037, REF. 120 STK. #3H2575-109B 8 1/2 x 3 x 2 1/2; WT: 2LB NEW \$1.50

BC-603, BC-683 BC-604 & BC-684 SPARE PARTS CHEST FOR STORING TUBES & PARTS. SAME SIZE & SHAPE AS RECEIVERS 2 COMPARTMENTS. SIZE 7 1/2 x 11 1/2 x 11 WT \$1.00

METAL BOX WITH REMOVABLE TOP, CUTOUTS FOR AC OUT LETS & SWITCH. SIZE: 6 1/2 x 4 1/2 x 4 1/2 PRICE: \$.50

ALARM BELL OPERATES ON 24 VDC. 4 1/2 x 4 1/2 x 2 1/2 # 561-3 \$1.25

HORSESHOE MAGNETS 5 lb. lift 2 1/2 x 3 1/8" 1/2 lb. \$.50 25 lb. lift 2 1/2 x 2 1/2 x 1 1/2 1 1/2 lb. 2.90

HAND TYPE MAGNETO GENERATOR USED FOR RINGING TELEPHONE LINES, OUTPUT ABOUT 100 VOLTS. CAN ALSO BE USED AS SHOCK MACHINE, LIGHT SMALL BULBS OR DRIVE WORKS OUT OF YOUR LAWN BY PLACING THE OUTPUT TO METAL STAKES AND DRIVING THEM INTO GND.

GN-38 WITH THREE MAGNETS \$2.95

GN-38B PERMANENT MAGNETS 2" x 1" \$3.95

GN-41B PERMANENT MAGNETS 3" x 1 1/2". \$4.95

GN-39A WITH COIL MAGNET \$2.50











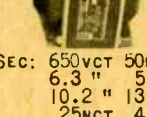






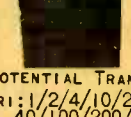



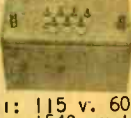
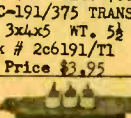


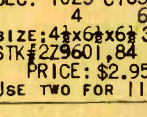
THUMB-IT WHEEL WAFER SWITCH NUMBERED. EACH SWITCH CAN BE MOUNTED SINGLY OR IN BANKS. SIZE EACH SECTION 2 1/2 x 2 1/2. REMOVED FROM EQUIP. PRICE: 19 CONTACT.... .75

25 Precision Resistor Ass't WIRE WOUND OR CARBON 1% OR BETTER GOOD VALUES. \$1.00 50 TINY CAPACITORS SELECTED TINY ASST PAPER & CERAMIC X GOOD VALUES. \$1.00

WIRE ASSORTMENT SIX 25 FT. COILS FULLY INSULATED STANDARD SIZES TINNED COPPER ASST. COLORS \$1.00

MINIMUM ORDER \$3.00

Power Transformer Filament Modulation Microphone Chokes

 <p>PRI: 115/230 60 cyc SEC: 800 CT. 120 MA 6.4 4.5 AMP 5 2 " 6.3 .6 " 6.4 450 MA Size 5x5x6 WT. 13 lbs. Stock # 229621-380 PRICE: \$2.95</p>	 <p>PRI: 110V 60cyc-2 PRI: 220V 60cyc-3 SEC: 6.3V .9A 4-5 6.3V .3A 6-7 24V .9A 8-9 500VCT 35MA TERMINALS 10-12 CT TER. 11 WT. 4L 3x3x3 1/2 #RM-13-317 A TO D. \$1.95</p>	 <p>PLATE TRANSFORMER PRI: 220 V 50/60 CY SEC: 2430-1315-0- 2430-1315 1.7 AMPS. 17x13x11; 250 LBS #CS-6264 \$39.95</p>	 <p>PRI: 115/230 60cyc SEC: 750-0-0-750 1.66AMP@1.66 SIZE: 13x10x11 WT: 115 LBS. STK#229607-16 PRICE: \$29.50</p>	 <p>MODULATION TRANSFORMER Watts 20 Response Response 200-5000-1DB Pri. 2 6000 SEC. 2 6000 Collins #677-2010-00 Size 2 1/2 x 3 1/2 WT. 3 1/2 lbs Stock# 229634.53 Price \$24.95</p>	 <p>PRI: 115 V 60 CYC. 1200CT 200 MA. 12.5 2 AMP. 12.5 2 AMP. 5 3 AMP. Size 4 1/2 x 4 1/2 WT. 10 lbs Stock # FAIR-617 Price \$8.95 DESIGNED FOR COMMAND TRANSMITTER</p>	 <p>ISOLATION TRANS. PRI: 115V 60cyc. SEC: 115V .35A 3x3x5 1/2 WT. 6 1/2 LBS. #8260351 \$1.50</p> <p>PRI: 120V 50-60CYC 116 VA SEC: 750 V CT 200 5 V 2 AMPS 4x4x6 WT. 14 LBS BENDIX#L217240-1 PRICE: \$4.95</p> <p>PRI: 107-127V 50-60 CYC. SEC: 160-200V 700 MA. THROUGH 16 TAPS. SIZE: 4 1/2 x 3 1/2 x 5 1/2 WT. 13 LBS. #229613.148 \$2.50</p> <p>PRI: 120V 50-60cyc 312 VA SEC: 1300 V CT. 480 MA 5x7x9 WT. 32Lbs BENDIX#N217376-1 PRICE: \$6.95</p>
 <p>PRI: 115 V 60 cyc. SEC: 1080 CT. 142 MA. 6.3 1 AMP. 6.3 2 AMP. 5 3 AMP. Size 5x5x5 1/2 WT. 14 lbs Stock # 229613.52 PRICE: \$3.95</p>	 <p>PRI: 115 V 60 CYC SEC: 660 CT 495 MA SIZE 5 1/2 x 4 1/2; 21 L #5950-648-3482 \$3.95</p>	 <p>AUTO VIBRATOR TRANSFORMER VIBRATOR 12/115CY SEC: 248CT 90 MA 1 2.4 AM 115 CYCLE SIZE: 2 1/2 x 3 1/2 x 3 WT4 STK#229625-75 PRICE: \$1.50</p>	 <p>SEC: 650VCT 50MA 6.3 " 5 A 10.2 " 13 A 25NCT 4 A RCA#K901467-502 SIZE: 6x6x6; WT: 25 PRICE: \$5.95</p>	 <p>500 WATT MODULATION PRI: 6600 OHM C.T @ 500 M.A SEC: 4600 OHM @ 400 M.A TAP: 2300 OHMS 800MA 2880 WORKING VOLTS RESPONSE 200-4000 C FSN 5950-250-1753 \$16.95</p>	<p>TYPE AS FAIR#617 PRI: 115 V 60 CY SEC: 550CT 150 MA 12 V 4 A. 5 V 3 A. SIZE: 4x5x4; 7 LBS. STK# FAIR-1490 PRICE: \$7.95 DESIGNED F/BC-923</p> <p>TYPE AS FAIR#617 PRI: 115 V 60 CY SEC: 500CT 125 MA 24 V 2 A. 5 V 3 A. SIZE: 4x5x4; 6 1/2 LB. STK# FAIR-1424 PRICE: \$6.95 FOR R-77/ARC-3</p>	<p>PRI: 115V 60 CYC 175 WV SEC: 2420 VCT 71MA 4x5x6 WT. 20 LBS. F1A02NE \$3.95</p> <p>PRI: 115-230V 60CY SEC: 280 V 500MA 120 V 150MA 4x4x6 WT. 14 LB 5950-645-6796 PRICE: \$3.95</p>
 <p>PRI: 115 V 60 cyc. SEC: 624 CT. 70 MA. 6.3 2.1 AMP. 5 3 " Size 3 1/2 x 4 x 6 WT. 8 lbs. Stock # 229611.39 PRICE: \$1.95</p>	 <p>PRI: 115 V/50-60C SEC: 720 CT/200MA 12.6 3 A 6.6 10 A 5.25 3 A S/5x4 1/2 x 5 1/2 WT: STK # 203533 PRICE: \$4.95</p>	<p>VIBRATOR 12/115CY SEC: 300 CT 100MA. 27 CT 2MA. SIZE: 3x3x3 1/2 WT: 4LB STK#229625-73 PRICE: \$1.50</p> <p>VIBRATOR FOR ABOVE TRANSFORMERS 6.3 V 4.3 AMP. FOR 12 V USE DROPPING RESIS TOR. STK# 3H6690-15 PRICE: \$1.95</p>	<p>PRI: 115 V 60 CY SEC: 880CT 260 MA SIZE: 4 1/2 x 5 1/2 x 4 10LB STK#7629825 PRICE: \$4.95</p>	 <p>MODULATION TRANSFORMER WATTS: 75 PRI: 200-250 OHM SEC: GRID 813 TUBE WITH SIDETONE SIZE: 2 1/2 x 3 1/2 x 3 1/2 WT 2 1/2 STK#GE7465620-1 PRICE: \$2.95</p>	 <p>PRI: 115 V 60 CY SEC: 500 CT 80 MA. 24 V 2 A. 5 V 3 A. SIZE: 2 1/2 x 2 1/2 x 3 1/2 LB. STK#FAIR-818 PRICE: \$4.95 FOR BC-603,683 COMM/ARC RECEIVER</p>	<p>PRI: 120 V 50-60CYC 124 VA SEC: 225V 40MA 850 V CT 250MA 6x4x5 WT. 16 LBS BENDIX#N217388-1 PRICE: \$5.95</p> <p>PRI: 115 V 60 CY SEC: 820CT 120 MA 5 V 2 A. SIZE: 4x6x3 1/2 10 LB STK#ORD7629820 PRICE: \$2.95</p>
 <p>PRI: 210/230 60cy SEC: 3000 700 MA. TAPPED; 1500, 2100 & 1050 SIZE: 14x11x9 150L1 STK# 229607-14 PRICE: \$34.95</p>	 <p>POTENTIAL TRANS PRI: 1/2/4/10/20/ 40/100/200/40 0/1000/2000 V. SEC: 40 V 100 MA 6x7x4 1/2; WT: 20 LB ESPEY#1-4 16,271 \$5.95</p>	<p>PRI: 95,105,115, 125,190,210,230, 250,50/60 CYCLE 600 WATT. SEC: VOLTAGE DEPE NDS ON WHAT PRI., TAPS ARE USED. SIZE: 5x7x5 WT. 16 STK# 229605.3 PRICE: \$7.95</p>	<p>PRI: 115 V. 60 CYC SEC: 840 CT 110 MA 530 CT 21 " 5 V. 3 AMP 5 V. 3 " 6.3 V. 1 " 6.3 V. 0.3 " 5 1/2 x 4 1/2 x 4 1/2; WT: 14 LB RAYTHEON#UX9117A \$3.95</p>	 <p>MODULATION TRANSFORMER 100 Watt RESPONSE 200 to 5000 PRI: 7000 SEC: 7000 F/BC-191/375 TRANS. Size 3x4x5 WT. 5 1/2 lbs. took # 2c6191/T1 Price \$3.95</p>	 <p>PRI: 115 V 60 cyc. SEC: 12.5 V 2 AMP. 12.5 2 " Size 4 1/2 x 4 1/2 x 5 1/2 lb Stock # FAIR-5005 PRICE: \$4.95 Same style as #5005 PRI: 115 V 60 cyc SEC: 24 V 1 AMP. Size 2-3/4x2 1/2x2WT. 2lb. Stock # FAIR-718R Price \$1.95</p>	<p>PRI: 120/240 SEC: 2.5 @ 3 A 10.2 " 5 A 6.6 @ 10 A 420-470 @.450 347 @.03 15 @.02 6.4 @ 10A 6 1/2 x 6 1/2 x 5 1/2; 39 LF</p>
 <p>PRI: 115 V 60 CYC SEC: 660 CT 100 MA. 6.3 5 AMP. 5 3 " Size 4x5x4 1/2 WT. 9 1/2 lb Stock # 6J23 Price \$3.95</p>	 <p>PRI: 115 V. 60 CY SEC: 1540 CT. 166A 1230 CT. 257A BOTH VOLTAGES ONE WINDING 5.1 4.5A 6.5 4.0A 6.5 5.5A 7 1/2 x 6 x 6 1/2; WT: 35 LBS STK# 229613.53 \$7.95</p>	<p>PRI: 110/115/120 60 cyc SEC: 1000V CT @ 400MA 500V CT @ 60MA SIZE: 5 1/2 x 4 1/2 x 7 1/2 WT. 23 LBS. # 5950-645-8894 PRICE: \$8.95</p>	<p>PRI: 115 V. 60 CYC. SEC: 700 VCT 200 MA. 6.3 4 AMP 5.0 V 3 " 18.0 V .5 " SIZE: 3 1/2 x 3 1/2 x 7 1/2 LI #5950-646-3264 \$3.95</p>	 <p>MODULATION TRANS. 200 WATT 200-15000CY 1DB PRI. P.P PLATES 5400 OHM. SEC: 600 OHM C.T 50 V.C.T. 2400 OHM 350 MA. 4x5 1/2 x 4 1/2; 12 LBS. #677-0388-00 PRICE: \$4.95</p>	<p>SCOPE PRI: 115 V. 60 CYC SEC: 4580 V. 2 MA. 2.5 V. 3 AMP. SIZE: 5 1/2 x 6 x 4 1/2; 15LB RAY#X8038 \$4.95</p>	<p>PRI: 117 V 50-60cyc 700 vdc TEST SEC: 2.5V @ 1.75A 2.5V @ 2.1A 1250V @ 2 MA 3 1/2 x 4 x 5 WT. 7 1/2 LB # 15-3377 PRICE: \$4.95</p>
 <p>PRI: 115/230 60CY SEC: 289 200MA 207 125" 6.3 1.4 A w/4-6.3 4.5 A SIZE: 4 1/2 x 6 x 4 WT: 13 STK#RI77219-19 PRICE: \$2.95</p>	 <p>PRI: 115 60 cyc SEC: 2400 CT 106 MA. Size 7 1/2 x 6 1/2 x 5 1/2 WT. 25 LB Stock#229614-152 Price \$5.95</p>	<p>PRI: 115/230 60 CY SEC: 620 VCT 60 MA 5.3 V 2 A. 6.3 V 7.8 A 3 1/2 x 3 1/2; WT: 6 LB FOR TG-34 KEYSER 229608-3 \$2.95</p>	 <p>PRI: 230/460 60CY SEC: 1025 CT350MA 4 60" SIZE: 4 1/2 x 6 1/2 x 6 1/2 32LB STK#229601.84 PRICE: \$2.95 USE TWO FOR 115 V</p>	<p>PRI: 117 V. 60 CYC SEC: 1000VCT 284 MA TAPPED 800 VCT 140 V. 100 MA SIZE: 4 1/2 x 7 1/2 x 23 LB #5950-646-3720 \$4.95</p>	<p>Transformer Pri: 100 ohm Sec: 4000 " PO/BC-709 Amp. 3/4x3/4x1 1/2 ST#229931 Price \$1.59</p> <p>Transformer Pri: 1.5 ohm Sec: 35-35 " PO/BC-347 3/4x3/4x1 1/2 Stock#2299471421 Price \$1.59</p>	<p>PRI: 115V 60 CYC SEC: 200CV @ 5 MA 283C WV 3x4x5 1/2 WT. 7 LBS. #BTC-1601 PRICE: \$2.95</p>

TRANSFORMERS

SECONDARY
6.6 VAC
36 AMPS
PRIMARY
105, 110, 120, 125
60 CYCLE

23 LBS.
SIZE 6 1/2 x 5 1/4
#9T35Y245 \$9.95

1-177
TUBE CHECKER
TRANSFORMER
SIZE: 4 1/2 x 4 1/2 x 5 1/2
STK # 229613.667
PRICE: \$4.95

PRI: 115 v. 60c
SEC: 30 v. 2A.
3x2 1/2 x 2 1/2; WT: 2LBS.
#EF-425 \$2.25

TRANSTAT
VOLTAGE
REGULATOR
FIXED WINDING 115 VAR
RANGE 103-126 v 60CYC
2.17 AMPS. 5x6x6
WT: 15 LBS. #29144
\$4.95

PRI: 120 v 60CYC
PRIMARY BUCK-BOOST
WINDINGS: 1.2V,
3.6V, 10.8V
SEC: 12.8V CT 20A
4x5 1/2 x 7 1/2 WT. 24LB
#1043 \$8.95

PRI: 115v 50-1000cy
SEC: 34 v 3.5 AMP
SIZE: 4x5x4; 15 LB
#5950-518-4306
\$4.95

PRI: 115 v. 60c
SEC: 2.5v 1.75A
2.5v 1.75A
6.3v .6 A
3 1/2 x 5 3/4; WT: 8 LBS
229611.127 \$1.95

PRI: 115v 50-1000cy
SEC: 34 v 3.5 AMP
SIZE: 4x5x4; 15 LB
#5950-518-4306
\$4.95

PRI: 115 v. 60 CY
SEC: 2.2 v.
ALSO TAPPED WIND.
0-60V 10 TAPS 4
VOLTS EA. 1 TAP
20V. HV AMPS 4. LOW
EST VOLTAGE 20 A.
6x4x5; WT: 25 LBS
#6120-473-6811
\$7.95

400
CYCLE

TRANSTAT
VOLTAGE REGULATOR
FIXED WINDING 115
VARIABLE RANGE
75 TO 120 V, 400
CYCLE, 6 AMPS.
SIZE 5x6x6; 13 LB
SCNo. TF-12A \$4.95

TF45X02YY
THREE PHASE
PRI 171v 50-450cy
SEC 28v @ 40A
6 1/2 x 7 1/2 x 9 1/2 WT. 45LBS
PRICE: \$14.95

OUTPUT
TRANSFORMER
30 WATT
PRI: 8000 OHM
SEC: 4/8/15 OHM
3x3x3 1/2; WT: 2LB
#TG-10/27291

2 WATT OUTPUT TRANSFORMER, PRI. 2500 OHM SEC. 3.2 OHM #49872 79¢

AUDIO OUTPUT TRANS
PRI: 450 OHMS
SEC: 300/4000 OHMS
IMPEDANCE
PO/BC-348
STK# 2C4348M/T
2x2 1/2 x 4 WT. 2 1/2 LBS.
PRICE: \$1.00

MICROPHONE
PRI: 15 OHM
SEC: 5000 OHM
SIZE: 1 1/2 x 1 1/2 x 2
PO/AM-26AIC
STK#229631.121
PRICE: \$0.59

OUTPUT TRANSFORMER
NP/NS-1.77/6.6, 50
TO 3000 CYC. 5MA.
SIZE: 2x2x2
GEM 7465623-1
PRICE: \$.75

MICROPHONE
Transformer
Pri: 1 ohm
Sec: 2000
1 1/2 x 2 1/2
STK#229666A
Price \$.59

ONE WINDING
POWER: 62.5 WATTS
RESPONSE: 1 DB
20-20,000 CPS
SIZE: 4 1/2 x 6 x 4; 20 LB
TFIAI 3MA \$4.95

LOW VOLTAGE TRANSFORMERS

ALL PRIMARIES 105, 110, 1120, 125 VOLT, 60 CYCL

SEC: 6.6 V 25 AMP
4 1/2 x 6 x 4; 17 LBS.
GE#9T35Y244 \$4.95

SEC: 6.6 V 18 AMP
3 1/2 x 5 1/2 x 4; 12 LBS.
GE#9T35Y159 \$3.95

SEC: 6.6 V 10 AMP
4x3 1/2 x 4; 9 LBS.
GE#9T35Y158 \$2.95

SEC: 6.6 V 10 AMP.
6.6 VCT 1 "
5x4x3 1/2; 10 LBS.
GE#9T35Y181 \$3.25

SEC: 6.3 VCT 5.0 AMP
6.3 VCT 1.0 "
4x3x2 1/2; 4 LBS.
GE#9T35Y8012 \$2.25

SEC: 6.6 VCT 2.7 AMP
2 1/2 x 2 1/2 x 2 1/2; 4 LBS.
GE#9T35Y321 \$1.25

SEC: 6.6 v 2.3 AMP
2 1/2 x 2 1/2 x 2 1/2; 4 LBS.
GE#9T35Y241 \$1.25

FILAMENT TRANSFORMER

PRI: 70/100/140/200
60 CYC
SEC: 12.6 CT .7 A
6.3 CT .9 A
6.3 CT 1.5 A
6.3 CT 1.5 A
2.5 KV TEST
SIZE: 5 1/2 x 3 x 4 WT 5
STK# GE-7465625-PI
PRICE: \$2.95

SEC: 6.3 v 3.1 AMP.
6.3 v 2.5 " "
6.3 v 0.45 " "
6.3 v 0.30 " "
5.0 v 2.0 " "
5.0 v 2.0 " "

3 1/2 x 4 1/2 x 3; 4 LBS.
#TFIA01JA \$3.95

PRI: 100-130v
50-60cyc
SEC: 40v @
16.5 AMP
SIZE: 7 1/2 x 6 1/2 x 6
#T 31 LBS.
5950-646-1459
\$14.95

PRI: 117v 50-60cyc
SEC: 3/5v CT @ 2A
2/5v @ 2A
2/2.5v @ 10A
7x4x3 1/2 WT. 12 LB
GILFILLAN #54143-1
PRICE: \$5.95

PRI: 115 V. 60 CYC
SEC: 5 V. 2 AMP
5 V. 2 "
3 1/2 x 5 1/2 x 2 1/2; WT: 8 LB
#229611.389 \$1.95

HIGH AUDIO

ALTEC LANSING 70W
OUTPUT TRANSFORMER
PRI: 3300 OHM CT
SEC: 250 & 500 OHM
SIZE: 4 1/2 x 5 x 4 1/2
WT. 13 LBS.
STK# TMJ-217A
PRICE: \$2.95

PRI: 7000 OHM CT
SEC: 265 " "
80 " "
ONE WINDING
POWER: 62.5 WATTS
RESPONSE: 1 DB
20-20,000 CPS
SIZE: 4 1/2 x 6 x 4; 20 LB
TFIAI 3MA \$4.95

HIGH VOLTAGE TRANSFORMERS

PRI: 109, 115, 120, 126, 60CYC
SEC: 2580 VOLTS EACH SIDE
CENTER TAP RATED AT
120 MA. 6500 P.W.V.
TESTS HAVE SHOWN THAT
UNDER LOAD TRANSFORMER
WILL DELIVER 2000 VOLT
DC 300 MA.

SIZE: 7 1/2 x 6 1/2 x 6 1/2; WT: 42 LBS.
TFIA02YY \$19.95

PRI: 105-125v
50-60cyc
SEC: 1100v CT @
250 MA
SIZE: 5 1/2 x 5 1/2 x 4 1/2
WT. 16 LBS.
UTC 52335 \$6.95

PRI: 115 V. 60 CYC
SEC: 1000 V. 78 MA
CASE 18 CENTER TAP.
6.3 V. 3.2 A.
6.3 V. 2.1 A.
5.0 V. 3.0 A.
4 1/2 x 5 1/2 x 3 1/2; 12LB #S8877 \$3.95

PRI: 105-110-115-
120-125
SEC: 365 V 775 MA
TAP. 340 V 525 MA
850CT 30 MA
5 V 2 A
6x7x5 1/2 30 LBS.
GE7415214
\$4.95

PRI: 105-110-115
120-125
SEC: 560CT 75 MA
365 V 150 MA
TAP335 V
3 1/2 x 5 x 3 1/2 8 LBS.
TFIA02JA
\$1.95

PRI: 117 V 60 CYC
SEC: 450 V 140 MA
12.6 20 AM
5.0 2 "
4 1/2 x 6 x 4; 15 LB
EDD 10498 \$6.95

PRI: 115/230 60 CYC
SEC: 482 CT 170 MA.
6.5 CT 5.7 AMP
12.4 V .39 "
AUX. VIBRATOR CIRC.
3 1/2 x 5 x 4; WT: 10
229621-554 \$3.95

PRI: 105-110-115
120-125
SEC: 390 V 1.23A
TAP365 V 720 MA
7x8x6 1/2 45 LBS.
GE 745213
\$6.95

PRI: 115 V 60 C
SEC:
675 VCT 500 MA.
150 " " "
27 V " " "
6.3 V. 10 A.
5.0 V. 6 A.
6x7 1/2 x 6 1/2; 42 LB.
#P1-32301
PRICE: \$6.95

PRI: 120v 60cy
SEC: 1170v CT @
325 MA
4x5x7 1/2 28 LBS.
#8568966-PI
PRICE: \$7.95



PRI: 120/240v 60c
SEC: 16 v 8 AMP
16 v 8 "
SERIES SECONDARY
32 v 8 AMP
PARALLEL 16V16 "
4 1/2 x 4 x 4 1/2; 13 LBS.
#1479-L018
PRICE: \$7.95

PRI: 115 V 60 c
SEC: 6.3 V 3.6 A
15 V.004 A
15 V.004 A
SIZE: 3x3 1/2 x 3 1/2 4 LBS
STK#ORD7629806
PRICE: \$1.50

PRI: 115 V 60 CYC
SEC: 6.3 V 2.75 A.
6.3 V 5.5 A.
SIZE: 3 1/2 x 4 1/2 x 3 1/2 5LBS
STK#ORD7629805
PRICE: \$2.50

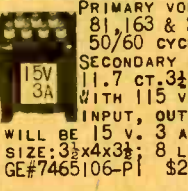
PRI: 115 V 60 CYC
SEC: 6.3 V 4 AMF
SIZE: 4x3x3 1/2 5 LBS.
STK#ORD7629823
PRICE: \$1.50

PRI: 120v 50-60cyc.
SEC: 5v CT @ 10.8A
SIZE: 5 1/2 x 3 1/2 x 3 1/2
WT. 8 LBS.
#L 217247-1
PRICE: \$3.95



PRI: 115 V .60 CYC
SEC: 6.3 V 2.7 AMP.
SIZE: 2 1/2 x 2 1/2 x 1 1/2; 1LB.
STK#5950-186-9789
PRICE: \$1.50

PRIMARY VOLTS
81, 163 & 230
50/60 CYCLE
SECONDARY VOL
11.7 CT. 3 1/2 A.
WITH 115 VOLT
INPUT, OUTPUT
WILL BE 15 v. 3 AMPS.
SIZE: 3 1/2 x 4 x 3 1/2; 8 LBS.
GE#7465106-PI \$2.95



PRI: 115v 60 cyc
SEC: 2/6.3v 1.2A
SIZE: 3 1/2 x 2 1/2 x 5
WT. 4 1/2 LBS.
#7629809
\$1.75

PRI: 110v 60 cyc-
SEC: 6.3v 2A
12.6v 1.5A
SIZE: 2 1/2 x 2 1/2 x 4
WT. 4 LBS.
5950-556-1826
\$2.50

PRI: 115v 60cyc
SEC: 40-0-40v .18A
3x3 1/2 x 5 WT. 5LBS
#7629808
\$1.50

PRI: 115v 60 CYC
SEC: 5.7v 21.8A
3 1/2 x 4 1/2 x 5 1/2 WT. 9LB
GE-7469149
PRICE: \$6.95

PRI: 115v 60 CYC
SEC: 24v CT
6 AMP
4x5x3 1/2
10 LBS.
5950-648-3992
\$4.95

PRI: 115V
50-60cyc
SEC: 26v CT
6 AMP
WT. 5 LBS.
5950-648-3992
\$4.95

PRI: 120 V 60 CY
SEC: 2.5 V 10 A.
NO C.T. INS.10M.
4 1/2 x 3 1/2 x 5; 8 LBS.
#229611.144
\$2.95

PRI: 200/220/240v
50-60 cyc
SEC: 10v CT @ 10A
4x4 1/2 x 5 1/2 WT. 11LBS
THERMAOOR CS-8705
PRICE: \$3.95

#CON442
\$8.95




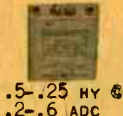



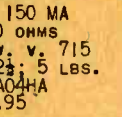

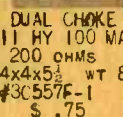
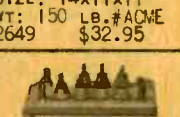
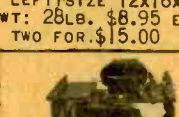
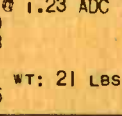
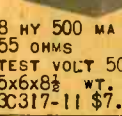
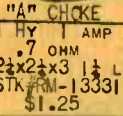

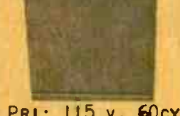
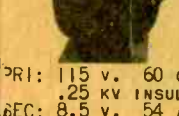
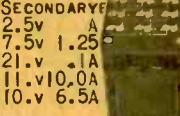
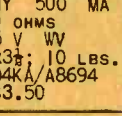


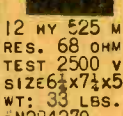
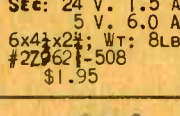
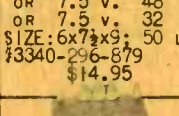

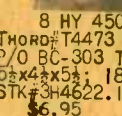
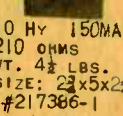



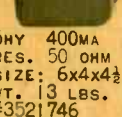


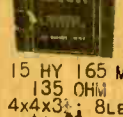

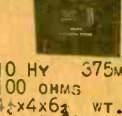
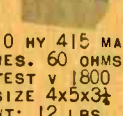
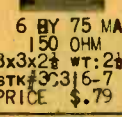
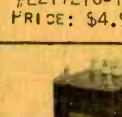
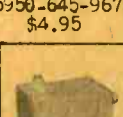

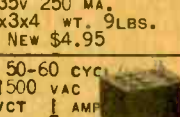
PRI: 115 V 60 C
SEC:
675 VCT 500 MA.
150 " " "
27 V " " "
6.3 V. 10 A.
5.0 V. 6 A.
6x7 1/2 x 6 1/2; 42 LB.
#P1-32301
PRICE: \$6.95

PRI: 115 V 60 CYC
SEC: 36 V 12 AMP
4 1/2 x 6 x 4; WT: 15 LB

PRI: 117V 60-400CYC
SEC: 750 VCT 55 MA
5.0
6.3 V @ 5 AMPS
3 1/2 x 3 x 4 WT 5 LBS.
#271-P-1 \$2.95

FURNACE CONTROL
TRANSFORMER
PRI: 115/230v 60c
SEC: 23v 1.8A
MOUNTED ON 4x4
PLATE WITH 2x4
ELECTRICAL JUNCT
BOX. WT. 4LBS.
\$1.50

PRI: 115v 60CYC
SEC: 2000v CT @
500MA
SIZE: 5x5 1/2 x 7 1/2
WT. 30 LBS.
5950-581-5204
\$16.95

 <p>8 HY 100 MA 160 OHMS 2 1/2 x 3 1/2 x 2 1/2; 4 LE #TR-1024 \$1.50</p>	 <p>25 HY 160MA 350 OHM 3 1/2 x 3 1/2 x 4; 8LB 3C317-38 \$1.50</p>	 <p>20HY @ 20MA 5HY @ 450MA 50 OHMS 3 1/2 x 4 1/2 x 5 1/2 WT 14LB GILFILLAN BROS. #23483 SWINGING CHOKE \$4.95</p>	 <p>.5-.25 HY @ 2-.6 ADC #7OHMS MAX DC 535V WVM 2 1/2 x 3 1/2 x 2 1/2 4 LBS. GE#9T35Y283 \$1.25</p>	<p>25 HY 35 MA DC 1070 MV 2x3x2; 2LBS GE#7415231 \$.79</p>	 <p>PRI: 206 V 60 CYCL ONE PHASE 10.6 KVA SEC: 30 V 115 VOLT PRIMARY SECONDARY 16 VOLT (FOR USE W/TRANS. T SIZE: 14x11x11 WT: 150 LB. #ACWE 2649 \$32.95</p>	 <p>SELENIUM RECTIFIER HALF OF FULL VAC. LEFT) SIZE 12x16x6 WT: 28LB. \$8.95 EA. TWO FOR \$15.00</p>	 <p>CURRENT TRANSFORM RATIO 150-5 AMPS. 25 TO 60 CYCLES WEST. TYPE KO STYLE 651911-B 5 1/2 x 6 1/2 x 5; WT: 10LB \$2.95</p>
<p>8 HY 150 MA 100 OHMS MAX. W. V. 715 3x4 1/2 x 2 1/2; 5 LBS. #TF1A04HA \$1.95</p>	 <p>8 HY 500 MA 55 OHMS TEST VOLT 5000 5x6x8 1/2; WT. 28 3C317-11 \$7.95</p>	 <p>"A" CHOKE 1 HY 1 AMP .7 OHM 2 1/2 x 2 1/2 x 3 1/2 LE STK#M-13331 \$1.25</p>	<p>DUAL CHOKE 11 HY 100 MA 200 OHMS 4x4x5 1/2; WT 8 #3C557F-1 \$.75</p>	 <p>11 HY 500MA 1350 VAC @ 120CYC 7x6x9 1/2; WT. 42 L ITC NO. DC-6281 PPICE: \$8.95</p>	 <p>PRI: 115 V. 60CY SEC: 24 V. 1.5 A 5 V. 6.0 A 6x4 1/2 x 2 1/2; WT: 8LB #2Z9621-508 \$1.95</p>	 <p>PRI: 115 V. 60 CYC .25 KV INSULA SEC: 8.5 V. 54 AMP OR 7.5 V. 48 " OR 7.5 V. 32 " SIZE: 6x7 1/2 x 9; 50 LBS #3340-296-879 \$14.95</p>	<p>PRIMARIES: 2/100 V 60 CYCLE SECONDARY: 2.5V A 7.5V 1.25 21V 1A 11V 10.0A 10V 6.5A SIZE: 8x 4x6; 19LBS CAY30219 \$3.95</p>
<p>1.25 HY @ 1.23 ADC PWV 1070 TF1A04LB 6 1/2 x 5 1/4; WT: 21 LBS \$5.95</p>	 <p>8 HY 450 MA THOR#T4473 P/O BC-303 TRAN 5 1/2 x 4 1/2 x 5 1/2; 18 LB STK#3H4622.1 \$6.95</p>	 <p>10 HY 150MA 210 OHMS WT. 4 1/2 LBS. SIZE: 2 1/2 x 5 x 2 1/2 #217386-1 \$1.75</p>	 <p>12 HY 525 MA RES. 68 OHM TEST 2500 V. SIZE 6 1/2 x 7 1/2 x 5 WT: 33 LBS. #N284270 \$7.95</p>	 <p>14 HY 125MA 275 OHMS. 2 1/2 x 3 1/2 x 5 1/2; 308-708-060 \$1.25</p>	 <p>PRI: 117 V. 50/60CY SEC: 510 VCT 100MA SIZE: 3x4 1/2 x 3 1/2; 7 LB 229612.21 \$1.95</p>	 <p>PRI: 117V 50-60 CYC SEC: 1000 VCT 500MA WAHLGREN # 1623 PRICE: \$4.95</p>	 <p>PRI: 115 V 60 CYC SEC: 2.65V 3.5 A 2.65V 3.5 A 6.3V 3.5 A SIZE: 3 1/2 x 5 x 3 1/2; 8LB #BNJT-166 \$2.50</p>
<p>3.5 HY 500 MA 30 OHMS 715 V WV 4x5 1/2 x 3 1/2; 10 LBS. TK1A04KA/A8694 \$3.50</p>	 <p>5 HY 400MA RES. 50 OHM SIZE: 6x4x4 1/2 WT. 13 LBS. #3521746 \$3.95</p>	 <p>10 HY 150 MA RES. 60 OHMS TEST V 1800 SIZE 4x5x3 1/2 WT: 12 LBS. 5950-645-9675 \$4.95</p>	 <p>15 HY 165 MA 135 OHM 4x4x3 1/2; 8LB \$1.25</p>	 <p>17 HY 80 MA 300 OHM 2 1/2 x 2 1/2 x 3 WT. 2 #3C326-318 \$1.25</p>	 <p>PRI: 220, 230, 240 SEC: 14V @ 5A 20V @ 5A 4x4 1/2 x 5 1/2; WT. 12 LB CS8779A \$5.95</p>	 <p>PRI: 115 V 60CYC .865 KVA SEC: 5.0 V 13 AMP #7467147 5x5x4 WT. 12 LBS \$3.95</p>	<p>AUTO TRANSFORMER WITH TAPS AT 320V, 350V, 380V, AND 420V. 1.25 A WT. 25 LB. 4 1/2 x 6 x 8 #CRV-30825 \$7.95</p> <p>PRI: 115V 50/60CPS VARIABLE OUTPUT 30- 135V 250 MA. 5x3x4 WT. 9LBS. NEW \$4.95</p>
<p>3.5 HY 200 MA 70 OHMS 3 1/2 x 4 x 3; 5 LBS ORD. #7629828 \$1.75</p>	 <p>10 HY 375MA 100 OHMS 4 1/2 x 4 x 6 1/2; WT. 13 #L217210-1 PRICE: \$4.95</p>	 <p>10 HY 150 MA RES. 100 OHM TEST 3000 V. SIZE 3 1/2 x 4 1/2 x 3 WT: 7 LBS. 3C323-6220 \$1.95</p>	 <p>PRI: 115V 60 CPS SEC: 50V 15A 4 1/2 x 4 x 6 WT. 18 LB 6340-063651454 \$9.95</p>	 <p>PRI: 115 V 60CY SEC: 100 V 2AMP 4x3 1/2 x 4 1/2; 8 LB. #1FX46-16 \$5.95</p>	 <p>PRI: 120V 50-60 CYC 37 VA SEC: 5VCT @ 2A 6.3V @ 1A 5VCT @ 4A 3x3 1/2 x 5 WT. 7 LB BENDIX#L217336-1 PRICE: \$3.95</p>	 <p>PRI: 117V 50-60 CYC TEST 1500 VAC SEC: 6.3 VCT 1 AMP 6.3 VCT 7 AMP 3x3 1/2 x 5 WT. 7 1/2 LBS. #15-3418 \$2.95</p>	<p>STANDARD ELECTRICAL PRODUCT VARIAC 30 VOLTS 5 AMP. 3x3x2 D WT. 3 LBS. \$4.95</p>
<p>5 HY 50MA 250 OHM 2x2x2 1/2; WT 1 1/2 STOCK # 3C3672 PRICE: \$.75</p>	 <p>6 HY 75 MA 150 OHM 3x3x2 1/2; WT: 2 1/2 STK#3C316-7 PRICE \$.79</p>	 <p>CHOKE 10 HENRY @ 200 MA 135 OHMS 2000 VRMS 60 CYC 3 1/2 x 3 1/2 x 5 WT. 9LB BENDIX#L217380-1 PRICE: \$3.95</p>	 <p>PRI: 220/230/240V 50-60 CYC SEC: 2.5V CT @ 10A 5 1/2 x 3 1/2 x 3 1/2; WT. 6LBS 5950-648-4773 PRICE: \$2.95</p>	 <p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4 1/2 x 5 1/2 x 7 1/2; 18 LBS. #5950-645-3891 \$6.95</p>	<p>AUDIO PRI: 37,000 OHMS SEC: 7,400 OHMS FREQ. RES. 250- 14,000 CPS. 6 LBS. 3x3 1/2 x 4 #REL 12196 \$1.95</p>	<p>AUDIO FREQUENCY PLATE COUPLING PRI: 30 OHMS SEC: 3000 OHMS 2 1/2 x 3 1/2 x 5 WT. 6 LB #229632.197 \$1.95</p>	<p>GENERAL RADIO VARIAC 230 VO 2 AMPS. TYPE W5H SIZE 4 1/2 x 4 x 4 1/2; WT. 8 LBS. \$12.50</p> <p>VARIAC 400 CYCLE, 120 VOLT 3 PHASE, TANDEM, 2100 VA. GR# Type 60-AG3S7. SIZE 11x5 1/2; WT: 15 LBS. PRICE: USED, \$9.95</p>
<p>7.5 HY 650 MA 5 1/2 x 6 1/2 x 7 3/8; 31 LB T-47174 \$7.95</p>	 <p>8 HY 250 MA RES. 100 OHM SIZE: 4x4 1/2 x 6 WT. 13 LBS. 5950-646-0775 \$4.95</p>	 <p>3.9 HY 950 MA TAPPED 2.7 HY 25 OHM. D.C 2500 V. TEST 11x8x7; 45LBS. # 3C315-16 \$14.95</p>	 <p>10 HY 75MA DC 375 OHMS 1070 MV 2x2 1/2 x 1 1/2; 1 1/2 LB TF1A04EA \$0.89</p>	<p>FILTERS BAND PASS FILTER 220 CYCLE WIDTH, BAND 1285-4200 CPS INPUT: 600 OHMS 250 OHMS OUTPUT: 120,000 OHMS 2 1/2 x 2 1/2 x 3 WT. 2 LBS. \$1.95 STK# 3Z1892-19</p>	<p>LOW PASS FILTER 2.7 KC CUTOFF WITH BALANCED 600 OHM INPUT AND OUTPUT IMPEDANCE. SIZE: 1 1/2 x 5 1/2 x 3 1/2 WT. 4 LBS. STK 3Z1892-1.2 \$2.95</p>	<p>AUDIO OUTPUT TRANSFORMER PRI: 10,000/2500 OHM SEC: 10/2.5 OHM 3 1/2 x 3 1/2 x 2 1/2; WT. 5LB. #29531 \$2.95</p>	<p>115 V. 60 CPS 1 AMP \$ 5.95 115 V. " " 15 " " 35.00 115 V. 350 " " 2 " " 3.95 115 V. " " 2 " " " "</p> <p>(3 GANG TANDEM) 10.00 115 V. 350CPS 10 AMP 10.00 SAME AS ABOVE 3 GANG 20.00</p>
<p>8HY 300 MA RESISTANCE 90 OIL FILLED WT. 7.5 LBS. SIZE: 8x3 1/2 x 4 1/2 6340-310-190-04 \$5.95</p>	 <p>2/9.5H. 300 50 MA RES. 75 OHM OIL FILLED WT. 9LBS. 3 1/2 x 4 1/2 x 7 FRED #17986 \$3.95</p>	 <p>10 HY 375 MA 100 OHMS RES. 2500 VRMS 60 CY 4x4x6 WT: 15 1/2 LB BENDIX #L217210-1 \$0.89</p>	 <p>10 HY 225MA 85 OHM 3 1/2 x 5 1/2 x 5 WT. 11 LBS. #TF1RX04YY \$3.95</p>	<p>DUAL BAND PASS FILTER FOR REC. TRANS. 600 OHM IMPEDANCE TO 25 00 CYCLE UNBALAN- CIRCUIT. SIZE 3 1/2 x 3 1/2 x 5 1/2; 4 1/2 LBS. #3Z1892-1.4 \$4.95</p>	<p>PN-13-A POWER CONTROL PANEL WITH 230 VOLT 60 CYCLE 9 AMP VARIAC GR TYPE 100 R ALSO WESTON 2 1/2" METER 517 25 TO 125 CYCLE 0-300 VAC ON/OFF SW. INDICATOR LIGHT FUSED TERMINAL STRIP ETC. MOUNTED ON 8 1/2 x 19" PANEL, 8" BEHIND PANEL. WT: 50 LBS. \$35.00</p>		

CABLES

NEW COAXIAL CABLE



NEW MANUFACTURE AND BRANDED WITH STANDARD TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-BETWEEN LENGTHS USE THE HIGHER PRICE. LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

	100 FEET	500 FEET	1000 FEET	5000 FEET
RG-8/U	52 OHM .12	.11	.10	.10
RG-11/U	75 OHM .12	.11	.10	.10
RG-58/U	53 1/2 " .05	.05	.05	.04
RG-59/U	73 " .05	.05	.05	.04

PRICES ARE PER FOOT

NEW COAXIAL CONNECTORS

SO-239	PL-259	M-359	PL-258 JUNCTION
\$.45 EA.	\$.45 EA.	\$.49 EA.	\$.89 EA.
10 OR MORE \$.39 EA.	10 OR MORE \$.39 EA.	10 OR MORE \$.45 EA.	10 OR MORE \$.80 EA.

TYPES MAYBE ASSORTED TO OBTAIN THE LOW PRICE

Coaxial Cable FOR LESS THAN 3c Per Foot!

RG-54 A/U CABLE-



DESIGNED FOR LONG LIFE & CONSTANT ATTENUATION 58 OHMS, .250 OD. WITH POLYETHYLENE JACKET.

370 FOOT ROLL \$10.00 70 FOOT ROLL \$1.95

LESS THAN SPECIFIED LENGTHS .03 PER FOOT

COAX CABLE ASSY.

TYPE	OHMS	LENGTH	CONNECTOR	STOCK#	PRICE
RG-8/U	52	30FT	2/UG-21	CG-55	\$1.75
RG-8/U	52	8FT	2/PL-259	CA-102	.75
RG-21/U	53	10FT	UG/21/22	CD-780S	.35
RG-22/U	95	40FT	PL/284	CD-879	.75
RG-22/U	95	46 1/2 FT	PL-284	CD-878	.80
RG-22/U	95	50FT	PL-284	CD-877	1.00
RG-62/U	93	10FT	2/UG-88	CG-1410	.35
RG-62/U	93	22FT	2/UG-88	CG-1410	.75
RG-62/U	93	35FT	2/UG-88	CG-1410	1.00
RG-62/U	93	130FT	2/UG-88	CG-1410	1.95

CABLE #	PLUG #	LENGTH	USED WITH	PRICE
3E7243-2	GK12-23 1/2	52 IN.	TCS/REC-PS	\$2.75
3E7273-19	SKC16-23 1/2	29 IN.	TCS/TRS-PS	2.75
CD-515		48 IN.	BC-669	5.95
CD-501	F/BC-654 & PE-103	9 FT.	TEST SET	4.95
CD-548	2EA PL118	9 FT.	TEST SET	4.95
CD-549	2/ PL-112	9 FT.	TEST SET	4.95
CD-526	2/ PL-153	5 FT.	274 N SERIES	4.95
CD-532	2/ PL-152	5 FT.	"	2.75
CD-509		8 FT.	BC-659/620	2.75

ATTENUATOR

IMPEDANCE MATCHING ASSEMBLY WITH 52 OHM CABLE 20" LONG, PL-259 CONNECTORS EACH END AND ATTENUATOR WITH 3" SLIDING ADJUSTMENT AND FEED THRU CONNECTORS EACH END. ATTENUATION 30 DB TO 100 DB 30 TO 450 MC. STOCK# 22396-7 PRICE: USED \$1.25 UNUSED \$1.95



CORDS AND CONNECTORS	
#3701	9 1/2" RG-71/U WITH BNC CONNECTORS UG-260/U AND CHASSIS CONNECTOR. \$.85
#6784	3 1/2" COAX WITH BNC CONNECTOR UG-260B/U AND UG-262B/U \$.50
#0156	6 1/2" RG-9A/U WITH 2 CONNECTORS UG-21D/U \$.65

1-223

RANGE CALIBRATOR

1-223 RANGE CALIBRATOR IS USED FOR CHECKING AND ADJUSTING THE RANGE MEASURING CIRCUITS OF A PULSE-OPERATED RADAR APPARATUS



THE RANGE CALIBRATOR IS USED TO CALIBRATE, AT A NUMBER OF SELECTED POINTS, THE RANGE INDICATIONS OF RADAR APPARATUS. THIS UNIT PRODUCES THREE OUTPUTS: A SINE-WAVE OUTPUT AT 163.94KC A SYNCHRONIZING PULSE WITH A REPETITION RATE OF APPROX. 240 PULSES PER SECOND, AND POSITIVE PULSES HAVING PULSE WIDTH OF NOT MORE THAN ONE MICROSECOND AND A REPETITION RATE OF 163,940 TIMES PER SECOND. COMPLETE WITH CRYSTAL, 163.94 KC; TUBES: 2/6V6, 2/6L6, 2/6SN7, 6SJ7, 5Y3. SIZE: 9 1/2 x 11 1/2 x 12 1/2 WT. 31 LBS. USED: \$12.95

ELECTROFAX SIGMA GUARD



RCA ELECTROFAX SIGMA GUARD USED TO ENCODE THE SIGNATURE OF BANK CUSTOMERS BY A PROCESS OF LIGHT EXPOSURE AND HEAT DEVELOPMENT. SPECIAL FIBER OPTICS USED TO DECODE SIGNATURE. THE PROCESS IS TIMED BY A CAM TYPE TIMER. THE ORIGINAL SIGNATURE TO BE ENCODED IS PROJECTED ON LIGHT SENSITIVE PAPER, THE EXPOSED SIGNATURE IS THEN SCRAMBLED, THEN IT IS MOVED ON TO THE HEAT DEVELOPER. THE ENCODED SIGNATURE IS THEN PLACED IN THE PASSBOOK. WHEN A WITHDRAWAL IS MADE THE TWO SIGNATURES ARE COMPARED UNIT HAS HIGH VOLTAGE POWER SUPPLY, PROJECTION LAMPS, MOTORIZED CARRIAGE, MISC. COMPONENTS AND FIBER OPTICS. SIZE: 13x11x22 WT. 50 LBS. NEW: \$34.95

RADIATION DETECTOR



RADIAC SET AN/PDR-88 RADIATION DETECTOR. THIS IS A PORTABLE, BATTERY OPERATED RADIAC DETECTOR COMPUTER, AND INDICATING DEVICE. ITS PURPOSE IS TO DETECT AND MEASURE BETA AND GAMMA RADIATIONS TOGETHER OR GAMMA RADIATION ALONE, RADIATION IS INDICATED VISUALLY BY A METER HAVING FOUR RANGES IDENTIFIED BY COLORED SCALES. RANGES ARE 0-0.01 R/24 HRS. (BETA AND GAMMA) 0-0.1 R/24 HRS. (BETA AND GAMMA), 0-1.0 R/24 HRS. (GAMMA), AND 0-10 R/24 HRS. (GAMMA) SET INCLUDES: RADIAC METER, RADIAC DETECTOR, REMOTE HANDLE, HEADSET, AND CARRYING CASE. IN GOOD CONDITION WITH INSTRUCTION MANUAL. 10x10x12 WT. 25 PRICE: \$29.95

GE POWER ISOLATION TRANSFORMER MC-20/20 AMPS, 5000 VOLTS, 500 WATTS. USED FOR LIGHTING AIRPORT LANDING STRIPS & LARGE AREAS DIRECTLY FROM UTILITY POLES OR SERIES PARALLEL ARRANGEMENT FOR 115/230/440 VOLT ISOLATION. FOUR TRANS. CAN BE WIRE IN SERIES/PARALLEL FOR 4 24 V 20A OUTPUTS OR THRU A FULL WAVE BRIDGE 24V 80 A. RUBBER COVERING FOR OUTDOOR USE AND FOR BUARIAL, w/SPECIAL CONNECTORS. (SEE CABLE BELOW) GE#3372363; 8x8x6; 30 LB. NEW \$14.95

RUBBER COVERED CABLE WITH CONNECTORS FOR THE ABOVE TRANSFORMER 8 FT. LONG. 5 LBS. \$2.00

CABINETS

METAL EQUIPMENT CABINETS	HEIGHT	DEPTH	PANEL SIZE	WT	PRICE
	10 1/2	15	19x8 1/2	28	USED \$5.95 (BLACK)
SLOPING FRONT CABINETS	WIDTH	DEPTH	HEIGHT	WT.	PRICE
	14 1/2	8	8	6	USED \$2.95 EA.
	18 1/2	8	9	7	
	16	8	8 1/2	8	USED \$3.95

TS-13/AP TEST SET; CONSISTS OF SIGNAL GENERATOR, XA BAND WAVEFORMER, WATTMETER, PLUMBING ETC. OPERATES FROM 115 VOLT 60 TO 800 CYCLE. USED FOR BENCH FIELD TESTING OF RADAR EQUIP. ASD, AIA, APS-3 ETC. SIZE: 20x10x12 WT: 65 LBS. PRICE: USED \$40.

LIMA Kwikstart POWER PAK



KWIKSTART POWER PAK STARTS ANY 6, 12 OR 24 VOLT ENGINE SYSTEM FROM 115 VOLT 60 CYCLE IN ANY KIND OF WEATHER. NEWLY MANUFACTURED OF LATEST DESIGN UNIT IS A POWER HOUSE OF ENERGY ENERGY NEEDED TO START STUBORN ENGINES IN SUB-ZERO WEATHER, EVEN THOUGH THE BATTERY MAY BE DEAD. PORTABLE UNIT ONLY WEIGHS 30 LBS. AND COMES WITH 4 FT. CABLE WITH HEAVY DUTY CLAMPS AND 6 FT. LINE CORD.

STANDARD UNITS: 12 V. 225 AMP. \$80.00 6 V. 400 AMP. \$115.00 24 V. 115 AMP. \$90.00

ALSO AVAILABLE ARE UNITS FOR COMBINATION VOLT AGES, POLARITY PROTECTION, QUICK START/FAST CHARGE AND SPECIAL AIRCRAFT TYPES.

BC-966 RECEIVER-TRANSMITTER 160 TO 211 MC. CODED SIGNAL FOR IFF FRIEND OR FOE IDENTIFICATION IN AIRCRAFT. WITH 13 TUBES 3/6H6, 3/7193, 7/6SH7, RELAYS, VOLTAGE REGULATOR, RESISTORS, CONDENSERS ETC. LESS DYNAMOTOR. SIZE: 12x13x9; WT: 43 LBS. USED \$4.95

BC-1268 OSCILLOSCOPE FOUNDATION UNIT WITH CONTROLS ON FRONT SUCH AS HORIZ. VERTICAL, SWEEP, INTENSIFY CENTERING & INPUT/OUTPUT CIRCUITS. USES TUBES 12/6SN7, 5/6SL7, 7/6V6 & 5CP1. VOLTAGE REQUIRED 2400 VDC, 300 VDC & 6.3 V. (SEE RA-105 PAGE 20 SIZE 24x20x10 1/2; WT: 100 LBS. COND. USED. PRICE: LESS TUBES \$9.95 WITH NEW TUBES \$24.95

BC-745 TRANSMITTER-RECEIVER A.M. CHASSIS; 2 TO 6 MC. CRYSTAL CONTROL FIXED FREQ. BY USE OF PLUG IN UNITS. (SEE PAGE 5 FOR DESCRIPTION 12 1/2 x 6 x 6; WT: 7 LB. LESS TUBES \$3.95

JUNCTION BOX JB-70-A ORIGINALLY USED WITH SCR 399-A AND SCR 499-A RADIO SETS. FRONT PANEL HAS SWITCHES AND CONTROLS FOR OUTLETS ON BOTTOM AND SIDE OF UNIT. 4 HEADSET JACKS, 2 KEY JACKS CIRCUIT BREAKER, 2 WAFER SWITCHES THREE AND FIVE POSITION, 4 TOGGLE SWITCHES, LEVER SWITCH AND HEAVY DUTY START-STOP SWITCH. 15 VARIOUS SIZES AND TYPES OF OUTLETS. SIZE: 19x13x5 1/2 WT. 40 LB

1-83 DYNAMOTOR TEST SET USED FOR CHECKING 14 VOLT OR 28 VOLT DYNAMOTORS. VARIABLE INPUT & OUTPUT CONTROLS ENABLE SIMULATION OF LOAD CONDITIONS. 3" METERS FOR MEASURING INPUT & OUTPUT VOLTS 0-35 VDC & 500 VDC RESPECTIVELY. INPUT CURRENT 0-10 AMPS, OUTPUT 0-250 MA. ALSO METER FOR MEASURING PERCENTAGE OF RIPPLE IN THE INPUT & OUTPUT. (THIS IS NOT A DC POWER SUPPLY ONLY A TEST UNIT) SIZE: 12 1/2 x 12 1/2 x 10 1/2 WT 23 PRICE: USED \$18.95 CONNECTOR, CABLE & TERMINAL STRIP.... \$2.75

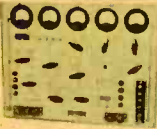
HIGH CAPACITY CAPACITORS

HIGH CAPACITY CAPACITORS IN BANKS OF TWENTY OR INDIVIDUALLY. 16x13x5, WT 40 LBS. FOR RACK MOUNTING. SOLA 25,000 MFD @ 25 VDC SINGLE \$1.95 BANK \$28.50 MALLORY 20,000 MFD @ 25 VDC SINGLE 1.50 BANK 24.50

FREQUENCY POWER METER

FREQUENCY POWER METER ME-51/UP FREQUENCY COUNTER 1100-3999 CALIBRATED TO FREQUENCY 3100MC TO 3500 MC. HAS 0-1.5 MA; 0-25 MW METER. WITH CABLES. IN METAL CARRYING CASE. 18 LBS. 8 1/2 x 9 1/2 x 9 1/2 USED \$19.95

DYNAMOTOR TESTER



TS-414 DYNAMOTOR TESTER
THIS EQUIPMENT PROVIDES A MEANS OF TESTING DYNAMOTORS OF SEVERAL TYPES UNDER LOAD CONDITIONS. PROVISION IS MADE FOR THE MEASUREMENT OF INPUT VOLTAGE, INPUT CURRENT, OUTPUT VOLTAGE, OUTPUT CURRENT AND OUTPUT RIPPLE VOLTAGE OF BOTH SINGLE AND MULTIPLE OUTPUT DYNAMOTORS. METERS; INPUT D.C.V.; INPUT AC VOLTS RMS; DC OUTPUT CURRENT; DC OUTPUT VOLTS POWER REQUIRED; 14/28 VDC, 50 AMPS.
SIZE: 27x21x17; WT. 100 LBS. \$79.50

PUT VOLTAGE, OUTPUT CURRENT AND OUTPUT RIPPLE VOLTAGE OF BOTH SINGLE AND MULTIPLE OUTPUT DYNAMOTORS. METERS; INPUT D.C.V.; INPUT AC VOLTS RMS; DC OUTPUT CURRENT; DC OUTPUT VOLTS POWER REQUIRED; 14/28 VDC, 50 AMPS.
SIZE: 27x21x17; WT. 100 LBS. \$79.50

FLUORTEST



DACO FLUORITEST USED TO TEST 4 OR 6 WATT FLUORESCENT LAMPS 60, 120, 200 AND 400 CYC. TESTS POWER SUPPLY, FIXTURES LAMPS, STARTERS, REACTOR
CONTAINS 2 1/2" MILLIAMMETER AND SET OF CORDS. OPERATES FROM 110 VOLTS 60 CYC. WT. 15 LBS
SIZE: 7x13x15 \$8.95

CONTAINS 2 1/2" MILLIAMMETER AND SET OF CORDS. OPERATES FROM 110 VOLTS 60 CYC. WT. 15 LBS
SIZE: 7x13x15 \$8.95

MICROWAVE GENERATOR



TS-147B/UP MICROWAVE SIGNAL GENERATOR
PORTABLE UNIT DESIGNED TO TEST AND ADJUST RADAR, RADAR AND MICROWAVE COMMUNICATION SYSTEMS OPERATING IN THE FREQUENCY RANGE OF 8500 TO 9600 MC. PROVIDES EITHER FM OR CW TEST SIGNALS OF KNOWN POWER LEVEL & FREQUENCY. THIS UNIT CONTAINS A DIRECT READING FREQ. METER AND POWER LEVEL METER WHICH POWER REFERENCED TO ONE MILLIWATT (DRM). USED TO MEASURE THE FREQ. AND POWER LEVEL OF THE INPUT AND OUTPUT SIGNALS. SPECTRUM WIDTH, FREQ. CHANGE, RECOVERY TIME AND STANDING WAVE RATIO. CAN ALSO BE MODULATED EXTERNALLY. OPERATES FROM 115 VOLT 50-1600 CYCLES. LESS CABLES, PLUGS, ADAPTER, PICK UP HORN. SIZE: 11x18x12; WT: 35 LBS. USED TS-147B/UP SIGNAL GENERATOR AS PHOTO \$59.50 TS-147A/UP " SIMILAR TO " 49.50

IN THE FREQUENCY RANGE OF 8500 TO 9600 MC. PROVIDES EITHER FM OR CW TEST SIGNALS OF KNOWN POWER LEVEL & FREQUENCY. THIS UNIT CONTAINS A DIRECT READING FREQ. METER AND POWER LEVEL METER WHICH POWER REFERENCED TO ONE MILLIWATT (DRM). USED TO MEASURE THE FREQ. AND POWER LEVEL OF THE INPUT AND OUTPUT SIGNALS. SPECTRUM WIDTH, FREQ. CHANGE, RECOVERY TIME AND STANDING WAVE RATIO. CAN ALSO BE MODULATED EXTERNALLY. OPERATES FROM 115 VOLT 50-1600 CYCLES. LESS CABLES, PLUGS, ADAPTER, PICK UP HORN. SIZE: 11x18x12; WT: 35 LBS. USED TS-147B/UP SIGNAL GENERATOR AS PHOTO \$59.50 TS-147A/UP " SIMILAR TO " 49.50

WAVEMETER

TS-117 WAVEMETER; 2400 TO 3400 MC P/M 3 MC TRANSMISSION RANGE; P/M 6 MC. ABSORPTION RANGE; 0-50 MICR OAMP METER D.C. IN21B CRYSTAL RECTIFIER, AS-23/AP ANTENNA, UG-57U, UG-131/U ADAPTERS AND CG-183/U CABLE. TUNING CAVITY WITH CALIBRATION CHART. WOOD CARRING CASE. SIZE: 8x6x6; WT: 10 LBS. PRICE: USED \$18.95 RE-NEW 24.95



APR TUNING UNITS



TN-1/APR-1 TUNING UNIT 30-90 MC. PLUG IN TYPE USED WITH APR-1 & APR-4 RECEIVERS. THIS UNIT IS WITH 2/9002 TUBES. (WILL MAKE A GOOD FRONT END FOR 6 METERS) WITH CASE AND SHOCKMOUNTED BASE. SIZE: 9x7x15; WT: 25 LBS. NEW \$24.95

IS WITH 2/9002 TUBES. (WILL MAKE A GOOD FRONT END FOR 6 METERS) WITH CASE AND SHOCKMOUNTED BASE. SIZE: 9x7x15; WT: 25 LBS. NEW \$24.95

1-199 TEST SET DYNAMOTOR & HAND GENERATOR TESTER USED TO CHECK EQUIPMENT UNDER LOAD CONDITIONS. INPUT VOLTAGE READINGS 0-60 VOLTS DC & 60 AMPS. D.C. OUTPUT VOLTAGES 0-1200 VOLTS D.C. & 600 MA. D.C. ALSO PERCENTAGE OF RIPPLE IN THE INPUT & OUTPUT, ALL SHOWN ON 3" RD. METERS ALSO CONTROLS FOR VARYING VOLTAGE & CURRENT UNDER LOAD. SIZE: 18x12x11; WT: 40 LBS. PRICE: USED \$29.50 NEW \$39.50

BC-638 FREQUENCY METER 100 TO 156 MC CRYSTAL CONTROL ON FOUR PRE-SET FREQUENCIES; VARIABLE TUNING WITH MAGIC EYE CONTROL. USED WITH SCR-522 AND OTHER SETS. OPERATES FROM 115 VOLT 60 CYCLE ALSO PROVISIONS FOR BATTERY OPERATION AND HAS BELCONTAINED MODULATOR. RACK PANEL MTG. 19" x7x9; WT: 35 LBS. PRICE: USED \$12.95

PRICE: USED \$12.95

1 177 TUBE CHECKER

USED \$29.95



PORTABLE DYNAMIC MUTUAL CONDUTANCE TYPE WITH 3" METER FOR INDICATING GOOD, BAD OR QUESTIONABLE ALSO GASES, SHORTS & NOISE. WILL CHECK 4 TO 7 PIN LARGE, SMALL, OCTAL, LOCTAL, ACORN ETC. WITH CHART FOR TUBES BEFORE 1953 LATER TYPES SEE BELOW. SIZE 5 1/2x15 1/2x8 1/2; 16 LBS
1-177 TUBE CHECKER ADAPTER; NEWLY MANUFACTURED UNIT TO REPLACE THE MX-949/U MILITARY TYPE. HAS SOCKETS TO TEST 7&9 PIN MINIATURE, OCTAL, LOCTAL, NOVAR AND COMPACTRON TUBES. PIN PLUGS ARE USED FOR THE TUBE SET-UP. \$26.50
BIGELOW 1-177/MX-949 SPEC. ADAPTER 1-177 SERIES TUBE SET-UP CARDS FOR USE WITH THE ABOVE DESCRIBED ADAPTER TO CHECK THE MORE MODERN TYPE TUBES. MANY TYPE ARE NOW SET UP AND YOU GET A ONE YEAR TUBE DATA SUBSCRIPTION FOR ADDITIONAL TYPES. ORDER BIGELOW 1-177 CHART.... \$4.99

SUPERSONIC SELECTOR



NAVY SUPERSONIC SELECTOR IS A TEN CHANNEL SELECTOR USING 12SH7 AMPLIFIERS AND ADJUSTABLE TUNED CIRCUITS. FREQUENCIES SET: 20, 27.5, 35, 42.5, 50, 57.5, 72.5, 87.5, 102.5, 117.5, CYCLES. UNIT CONTAINS 10 SPST 3300 OHM TELEPHONE TYPE RELAYS AND 10/12SH7 TUBES. SIZE 11x12 1/2x6 1/2 WEIGHT 30 LBS. \$8.95

SIGNAL DATA RECORDER TEST SET USED FOR TESTING TAPE TYPE RECORDERS IN AIRCRAFT. OPERATES FROM 115 VOLT 400 CYCLE, WITH 2/5787W & 2 VOLTAGE REGULATOR TUBES, 3 1/2" RD. 0-50 MICRAMPERES METER, PICK-UP HEAD, CABLE ETC. IN CARRING CASE. SIZE 13x6x9; WT: 12 LBS. #7CAC-801319-628 \$24.95



ALTIMETER TEST SET

TS-10B APN

USED FOR CHECKING SENSITIVITY, TUNING, ANTENNA SYSTEMS, CALIBRATION AND LIMIT CALIBRATIONS OF ALTIMETERS. CONTAINS 370 FT & 70 FT 58OHM RG-54A/U COAXIAL CABLE DELAY LINES, L-101 COAXIAL ATTENUATOR, 10-98 INDICATOR, 2/8 FT 1/20", 1/12" OF RG-8 52 OHM COAXIAL CABLE WITH PL-259 CONNECTOR EA. END AND 4/SO-239 CONNECTORS. COMPLETE IN CARRING CASE 19x15x7 WT 36 (SEE PAGE 5 FOR COAXIAL CABLE & CONN. ONLY) PRICE: USED \$15.00 UNUSED \$18.00

1-61 TEST SET FOR TRANSMISSION MEASURING

PORTABLE BATTERY OPERATED UNIT USED TO MEASURE LOSSES OR GAINS IN CIRCUITS OR APPARATUS. AUDIO OSCILLATOR FREQUENCIES OF 500, 1000 AND 2500 CYCLES WITH LEVELS OF -40DBM, -20 DBM OR 0 DBM INTO A 600 OHM LOAD, THE RECEIVING AMPLIFIER IS CALIBRATED TO MEASURE LEVELS FROM A 600 OHM SOURCE BETWEEN -50 DBM & 15 DBM IN STEPS OF 0.5 DBM OVER THE FREQUENCY RANGE OF 100 TO 10,000 CYC THE 0 DBM IS ONE MILLIWATT IN 600 OHMS. UNIT ALSO CONTAINS A EE-88 FIELD TELEPHONE, BATTERY OPERATED ASSY. WITH A TS-9 HANDSET. AND BE PURCHASED WITHOUT THIS ASSEMBLY. COMES IN WOOD CARRING CASE 18x10x11; WT: 47LB PRICE, COMPLETE WITH TELEPHONE ASSY & TS-9 USED \$29.95 RE-NEW \$39.50 LESS TEL. ASSY " 19.95 " " 29.50



143 MC TO 227 MC BC-906 FREQUENCY METER; ABSORPTION TYPE USING THE DIP OF A 500 VDC MICROAMMETER 2" FOR FREQ. INDICATION. REQUIRES BATTERIES FOR OPERATION. WITH ANTENNA 4" DIAL ETC. SIZE: 6 1/2x12x10 WT: 20 LBS. USED. \$9.95

USED \$9.95

URC-4 TEST SET

TS-684/URM-30 ANALYZER FOR URC-4 RADIO SET, ALIGNMENT AND TESTING CONTAINS 0-1 MA METER, METERING SWITCH, CRYSTAL OSCILLATOR, ANTENNA CABLES ETC. IN METAL CARRING CASE. SIZE: 6x6x4; WT: 4 LBS. NEW \$8.95



RANGE CALIBRATOR

AN/UPM-11 RANGE CALIBRATOR ELECTRONIC DEVICE WHICH PROVIDES A MEANS OF CALIBRATING ACCURATELY THE RADAR RANGE OF ANY X-BAND RADAR SYSTEM. COVERS FREQUENCY RANGE 8500-9600 MC. PROVIDES MARKERS FROM 200 TO 50,000 YARDS. CONTAINS BOTH MANUAL AND AFC TUNING. POWER REQUIRED 115V 50-1000 CYCLES. SIZE: 15x19x22. WT. 85 LBS. \$100.00



RADAR TEST SET

AN/UPM-8 RADAR TEST SET DESIGNED TO PERFORM RAPID PRE-FLIGHT CHECKS OF INSTALLED TRANSPONDERS. UNIT CHECKS TRANSMITTER AND RECEIVER FREQUENCY, POWER OUTPUT, AND PULSE SPACING SIMULTANEOUSLY. COMPLETE WITH TUBES: 6AU6; 3/6D4; 2/12AT7; 2/6AH6; 6/6AN5; 2/6F4; 5876; 2/5814A; 5687; 5675; 2/6AK5; 2021W; 6AL5; 2/6X4W; 0A2WA; 0B2WA; 2/5670; 2N274. POWER REQUIRED 115V 50-1000 CYCLES. SIZE: 14x13x13 1/2. WT. 40 LBS. \$39.95

TS-36/AP X BAND RADAR POWER METER; GENERAL PURPOSE TEST INSTRUMENT USED FOR CHECKING RADAR SETS IN THE X BAND. W/0-200 DC MICROAMP METER, 3 1/2" RD. BATTERY OPERATED. ALSO HAS SQUARE WAVE GUIDE ATTACHMENT SAME AS USED ON TS-35 X BAND SIG BAND SIGNAL GENERATOR. SIZE: 9x7x6 WT: 9 LBS. PRICE: LIKE NEW \$9.95

LAF-2 R.F. SIGNAL GENERATOR USED FOR FOR ALIGNING, TESTING AND SERVICING OF RADAR & ELEC TONIC EQUIPMENT IN THE 90 TO 700 MC. RANGE, PULSE EMISSION, VOLT OUTPUT 0-100,000 MV. IMP. INPUT 10M OHMS, OUTPUT 50 OHMS, PULSE DELAY 3-300 USEC. DURAT ION 2-300 USEC. REP. RATE 60-2500 PPS. ACC. 1%. SIZE: 13x11x18; WT: 75 LBS. PRICE USED \$75.00

LS-1 SIGNAL GENERATOR, 90- 95 MC CRYSTAL CONTROL, 0-50 MICROAMP. METER 3 1/2", BATTERY OPERATED 3/BURGESS 5308; 45 VOLT TAPPED 22 1/2 & 2/5360; 4 1/2 V. & 2/4FA; 1 1/2 VOLT. WITH TUBES 2/3AB, 1/1Q5 & 1/1N5. UNIT ALSO HAS A AUDIO OUTPUT. SIZE 12x12x11; WT: 20 PRICE: \$18.95

OAP/CHZ-60ABN WAVEMETER-OSCILLATOR 140 TO 240 MC. R.F VTM CIRCUIT WITH 6E5 MAGIC EYE INDICATOR TUBE. SO-239 CONNECTORS FOR INPUT CIRCUITS, WAVEMETER, V.T.V.M OUTPUT OSCILL. OSCILL. CALIB. 50 OHM NON-INDUCTIVE LOAD. 115 VOLT 50-70 CYC SIZE: 9x15x10; WT: 35 LBS. PRICE: USED WITH CALIBRATION CHART \$14.95

COMPUTER AMPLIFIER SYSTEM CONTAINS FIVE SPERRY SYNCHRO TRANS. PT#662426-3 CONNECTED BY GEARS TO DIALS, FOUR AMPLIFIER CHASSIS WITH 2/6J6 TUBES EACH, 3 1/2" NULL METER 10x0-10, CABLE AND ADAPTER IN ALUM. CARRING CASE SIZE 17x10x10; WT: 35 LBS. ST#T-101023 PRICE: \$22.95

C-113/TRA-2 CONTROL UNIT USED FOR CONTROL OF T-14/TRC-1 TRANS MITTER, OPERATES FROM 115/230 V 60 CYCLE SUPPLIES 56 VDC @ 130 MA. FOR OPERATION OF MIC. & PHONE CIRCUITS UP TO 2 MILES FOR INTERCOM USE FROM A TWO WIRE CIRCUIT. WITH PORTABLE CASE, CABLES, RELAYS ETC. SIZE 14x9x12; WT: 30 LBS. PRICE: UNUSED \$4.95

PRICE: UNUSED \$4.95

STROWGER RELAY

STROWGER STEP BY STEP RELAY ASSEMBLY IS USED IN CENTRAL OFFICE DIAL TELEPHONE EXCHANGE.

THIS IS THE HEART OF THE DIAL TELEPHONE SYSTEM AS IT HAS THE TEN STEP BANK SELECTION AND 10 STEP LINE SELECTION TRUNK LINE SENSING MECHANISM WITH NECESSARY HOLD AND RELEASE RELAYS. (THE BANK OF ROTARY STEPPING SWITCHES IS NOT PART OF THIS ASSY) SIZE 14x5x7; WT: 13 LBS. WE#ED55242-31G1
PRICE: USED \$5.95



BUTTERFLY CONDENSERS

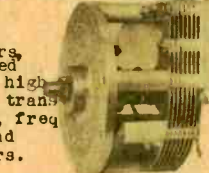


AN/APR type tuners can be used for ultra high frequency transmitters, receivers, frequency meters, and oscillators.

C-701
135-48 Mc
4 1/2" dia. 2 1/2" deep
Price: \$4.95



C-706
300-1000 Mc
2 1/2" dia. 2 1/2" deep
Price: \$3.95



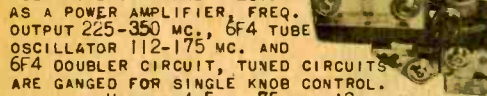
C-904
108-330 Mc
4 1/2" dia. 3" deep
Acorn socket for 955 tube.
Price: \$4.95



H-3621
300-1000 Mc.
2 1/2" dia. 2" deep
Price: \$3.95

U.H.F. TUNERS

ULTRA HIGH FREQUENCY ASSY. TUNING UNIT USING 2C39 TUBE AS DRIVER AND A 2C39 AS A POWER AMPLIFIER. FREQ. OUTPUT 225-350 MC., 6F4 TUBE OSCILLATOR 112-175 MC. AND 6F4 DOUBLER CIRCUIT. TUNED CIRCUITS ARE GANGED FOR SINGLE KNOB CONTROL. ALSO HAS HAYDON 4.5 V. 75 MA. 12R.P.M. TIMER MOTOR. REMOVED FROM ARC-12 EQUIPMENT. SIZE: 10x6x4; WT: 7 LBS. #KS10362
PRICE: LESS TUBES \$3.95



ULTRA HIGH FREQUENCY TUNER; CONSISTS OF REC. R.F. AMPLIFIER MIXER, AND H.F. OSCILLATOR 225-350 MC. OUTPUT TO I.F. 15.1 MC., USES 6/6AK5 AND 1/12 AS6 TUBES, ALSO CRYSTAL BETWEEN 13 AND 41.5 MC., VARIABLE CONDENSERS ONE FOUR GANG 4-24 MMFD PER SECTION, OTHER 4 GANG 3 SEC. 4-25 AND ONE SEC. 5-41 MMFD, SINGLE DIAL CONTROL. REMOVED FROM ARC-12 EQUIPMENT. SIZE: 8 1/2x5x3; WT: 4 LB STK# KS-10329 PRICE: LESS TUBES \$2.95

AUTO CONTROL

ELECTRIC AUTOTUNE ASSEMBLY THAT OPERATES FROM 115 VOLT 60 CYCLE, 1/100 HP CAPACITOR TYPE MOTOR WITH AUTOMATIC GEAR & RACNETT ASSEMBLY THAT ENABLES YOU TO PRE-SET MOTOR ANY 10 POSITIONS IN 360 DEG. UNIT IS GEARED TO A TWO DECK 12 POSITION CERAMIC WAFER SWITCH THAT TERMINATES INTO A PLUG-IN SOCKET. TAKE OFF OF POWER CAN BE MADE AT BACK OF MOTOR OR CERAMIC SWITCH MAY BE REMOVED. ADJUSTMENTS FOR STOPS ARE MADE AT THE MOTOR AND THE CONTROL PANEL CAN BE LOCATED AT A REMOTE POSITION WHERE THE MOTOR STOP CAN BE SELECTED, PANEL ALSO HAS LIGHT DIMMER CONTROL AND LOCAL & REMOTE POSITION SWITCH. PART OF RDZ AUTOTUNE, COLLINS#596A RDZ#23491 SIZE: 9x4x6, WT: 7 LBS. PRICE: NEW \$5.95

MD-34/ARA-8 MODULATOR KEYING UNIT AUTOMATIC HOMING KEYING ASSY. THAT OPERATES FROM 24 VDC MOTOR THAT IS CONNECTED TO A WORM GEAR WHICH ACTUATES THE CODED WHEEL THAT INTERRUPTS THE SIGNAL AND TRANSFERS FROM ONE ANTENNA TO ANOTHER. ALSO HAS RELAY AND THREE SO-239 TYPE COAX. CONN. CAN BE USED AS A REMOTE ANTENNA CHANGE-OVER. SIZE: 3 1/2x10x4 1/2; WT: 5 LBS. PRICE: USED..... \$1.95

TELEPHONE RINGER

EE-101 TELEPHONE RINGING EQUIPMENT

USED FOR CONVERTING 20 CYCLE RINGING TO 1000/20 CYCLE ALSO 1000 CYCLE TO 20 CYCLE FOR OPERATING TEL. DROPS ON 2 CHANNELS. OPERATES FROM 115/230 V. 60/60 CYCLE OR 12 VDC. WITH TUBES 6/6SJ7, 1/6V6GT. 19x9 RACK MTG. SHIPPED IN WOOD CHEST 100 LBS. PRICE USED \$14.95



TG-30 REPEATER, TELEGRAPH TERMINAL FOR TRANSMITTING OR RECEIVING ON A HALF DUPLEX ONE CHANNEL OPERATION. CAN BE USED TO INTERCONNECT NEUTRAL AND POLARENTIAL OR TWO PATH POLAR

TELEGRAPH OR TELETYPEWRITER SYSTEMS ON SIMPLEXED OR COMPOSITED RETURN CIRCUITS. SPEED 60/66. OPERATES FROM 115/230 V. 50/60 CYC & 115 VDC SHIPPED IN WOOD CHEST 25x16x14; 175 LBS PRICE: USED \$12.95 RE-NEW \$16.95



TELEGRAPH REPEATER WE#61824A, TWO COMPLETE UNITS WITH RECTIFIERS THAT OPERATE FROM 115 V. 50-60 CYCLE. THE REPEATERS ARE DESIGNED TO OPERATE AT TELETYPE SPEEDS, OPEN WIRE COMPOSITED OR SIMPLEX CIRCUITS, 2 PATH POLAR OR OTHER FORMS OF TRANSMISSION. METERING, PATCHING JACKS, TESTING, MONITORING AND ADJUSTING CONTROLS ARE ALL AVAILABLE ON THE FRONT PANELS.

THE UNIT IS HOUSED IN A METAL CABINET WITH A HINGED DOOR FRONT & BACK. SIZE: 22 1/2 x 17 x 42; WT: 200 LBS. RE-NEW PRICE: LESS PLUG-IN RELAYS RE-NEW \$19.95 WITH " " " RE-NEW \$34.95

RECORDER-VISUAL

BC-1323A RECORDER-REPRODUCER AUDIO-VISUAL, USED TO RECORD ON STEEL TAPE 48" LONG 3 CHANNELS AUDIO FROM MICROPHONES, 64 OHM RECODING HEAD, TAPE SIZE .050 W.X.002 TH.6" PER SEC. RECORDING SPEED. DISPLAY ON 2" 913 CR TUBE VIEWED THRU RUBBER EYE PIECE. OPERATES FROM 6 VDC 5.5 AMP. WITH 10/9001.1/6AK6 & 1/913 CR TUBES. SIZE: 8x28x6; WT: 40 LBS. \$12.95

PORTABLE REPEATER

EE-89 TELEPHONE REPEATER; PORTABLE BATTERY OPERATED, 2 WAY LINE UNIT, CAN BE USED AS TERM. OR INTERMEDIATE AMPLIFIER, USES ONE 3Q5GT TUBE, INCLUDES HEADSET ELEMENT FOR MONITORING AND GAIN CONTROL, BATTERY VOLTAGE REQUIRED 1.5 & 90 VDC. IN WOOD CASE W/CARRING STRAP. SIZE: 6x9x8; WT: 12 LBS.

AMPLIFIER

CCI 50272 AUDIO BOOSTER AMPLIFIER. AUDIO OUTPUT APPROX. 3 WATTS WHEN USED WITH PRE-AMP OR TO BOOST POWER OF INTERCOMS. OUTPUTS TO 6,15,600 OHMS. FOR 19 INCH RACK MOUNTING. TUBES: 5Y3, 6AG7. OPERATES FROM 110 VOLTS 50-60 CYC. SIZE: 11x5x19 WT. 30 LBS. USED \$12.95

NAVY INTERPHONE AMPLIFIER USED WITH TCS EQUIPMENT. PUSH-PULL 2/12A6 TUBES, CARBON MIC. INPUT 75-200 OHM ALSO 600 OHM. OUTPUT 125 OHM. VOLTAGE REQUIRED 12 VDC & 250 VDC 60 MA. HAS MOUNTING FOR DYNAMOTOR 35x032, 12 VOLT. (SEE CONVERSION INFORMATION LISTED BELOW.) SIZE: 7 1/2x10x7; WT: 15 LBS. PRICE: AMPLIFIER WITH TUBES \$2.95 " " " & DYN. 6.95

KIT FOR CONVERSION TO SPEAKER OUTPUT, APPROX 5 WATTS, INCLUDES OUTPUT TRANSFORMER, MIC & PHONE JACKS, SWITCH, CABLE AND PLUG FOR PLUGGING INTO LIGHTER AND INSTRUCTIONS. \$2.00

BALLATINE

BALLATINE ELECTRONIC VOLTMETER #300 FREQ. RANGE 10 TO 150,000 CYCLES, VOLTAGE RANGE ONE MILLIVOLT TO 100 VOLT A.C. INPUT IMPEDANCE 1/2 MEG, ACCURACY 2% TO 100 KC. 3% ABOVE. 4 1/2" METER, FIVE VOLTAGE RANGES. SIZE: 11x6x4 1/2; WT: 14 LB USED \$75.00

THERMO-GRIP ELECTRIC SOLDERING IRON MFG BY IDEAL INDUSTRIES, MODEL 5C. OPERATES FROM 115 VOLT 60 CYCLE 10 AMPS. OUTPUT OF TR TRANSFORMER IS 3-4 VOLTS AC, 2-300 AMPS. PLIER ATTACHMENT IS

INTENDED TO BE USED FOR SOLDERING LUGS UP TO 150 AMPS OR COPPER PIPE UP TO 3/8". PLIER IS 12" LONG AND CABLES 52". WITH SUITABLE ATTACHMENTS TRANSFORMER CAN BE ALSO USED FOR HEAVY SPOT SOLDERING AND ETCHING. WT: 30 LBS. PRICE WITH CARRING CASE \$19.95

THERMO-GRIP MIDGET SIZE SOLDERING PLIERS IDEAL NO. 12-023. THESE PLIERS ARE ONLY 9" LONG AND HAVE A 54" CABLE WITH CONNECTORS AND IS INTENDED TO BE USED WITH A 300 WATT TRANSFORMER FOR LIGHTER WEIGHT WORK. WT: 2 LBS. PRICE: CABLE & PLIERS ONLY \$2.95

BC-1141 MINE DETECTOR AMPLIFIER AS USED IN SCR-625 MINE DETECTOR. HAS SENSITIVE AMPLIFIER & TONE SYSTEM THAT WAS USED TO DETECT METALS. OPERATES FROM 2 FLASH-LIGHT & 93 VOLT DRY CELLS. COMPLETE WITH TUBES 2/1N5GT & 1/1G6GT, LESS BATTERIES. SIZE: 14x6x5 WT: 10 LBS. PRICE: USED \$3.95

BC-611 TEST SET

IE-17 Test Equipment USED FOR TESTING & ALIGNMENT OF REC-TRANS, TESTING CRYSTALS AND MEASUREMENT OF VOLTAGE OF BATTERIES BA-37 & BA-38. CONSISTS OF THE FOLLOWING 1-135 TEST UNIT IN CASE WITH HINGED COVER & HANDLE CONTAINS MICROPHONE, EARPHONE, MULTI-RANGE 3" METER FOR CHECKING 0-3 & 0-150 VDC 0-1.5/15/60/600 MA DC & 0-60 VAC WITH MASTER SWITCH, RF & AUDIO OSCILLATOR CRYSTAL TEST & BATTERY COMPARTMENT ALSO CABLE HARNESS. CS-81 TEST CASE WHICH IS THE SAME SIZE AS THE BC-611 AND IS USED TO HOLD THE CHASSIS UNDER TEST, HAS PRESS TO TALK SWITCH AND ALIGNMENT OPENINGS. (NO MIC OR EARPHONE OPENINGS.) FT-252 TEST STAND FOR HOLDING CS-81 CASE & A-82 PHANTOM ANTENNA WHICH CONSIST OF A 3" 0-40 MA. RF METER, VARIABLE COND. & REC.-TRANS. SWITCH MOUNTED ON A BAKELITE PANEL. COMPLETE UNIT AS DESCRIBED ABOVE WITH INSTRUCTION MANUAL AND WOOD CHEST SIZE: 19x16x9 ALL IN NEW CONDITION. SHPG. WT: 44 LBS

VISUAL FLASH LAMP

USED BY AIRCRAFT OR GROUND UNITS FOR IDENTIFICATION PURPOSES. DESIGNED TO DELIVER EXTREMELY BRIGHT FLASH OF LIGHT 1 FLASH PER 1/2 SEC. WHICH CAN BE SEEN BY AIR. IN BRIGHT SUNLIGHT FOR 3 MILES OR 1 MILE ON THE GROUND. AVAILABLE FOR 6,12 OR 24 V. OPERATION. CONSISTS OF A HIGH VOLTAGE CONVERTER USING A VIBRATOR TYPE POWER SUPPLY, SLYVANIA TUBE #1073. COMPLETE WITH 20 FT. CABLE SPARE PARTS & MANUAL. IDEAL FOR BOATS, PLANES, AUTO BOAT LANDINGS, COTTAGES, PHOTOGRAPHIC WORK ETC. (CAN BE OPERATED FROM 115 VOLT BY USING OUR D.C. POWER SUPPLIES LISTED ON PAGE 7) SIZE: 17x10x4 1/2; WT: 50 LBS. UNUSED \$29.50



ART-13 TRANSMITTER

100 WATT AIRCRAFT AUTOTUNE TRANSMITTER

MAKES A VERY SATISFACTORY AMATEUR UNIT FOR 80, 40, 20 AND 10 METERS. THE AUTOTUNE FEATURE PERMITS YOU TO PRESET THE FREQUENCY DESIRED ON ANY 10 PRESELECTED CHANNELS. (FOR CONVERSION INSTRUCTIONS SEE MANUALS #2 & #3 \$3.00 EA.) TUBE LINEUP 1/837, 1/813, 2/1625, 1/125J7, 2/6V6, 2/811, 2/12SL7, 1/12SA7. VOLTAGE REQUIRED 28VDC 10AMP, 400VDC, 225MA & 1250VDC 250MA. SIZE: 23x16x11 1/2 WT. 10LBS. PRICE: USED \$59.50

CONNECTOR PLUGS FOR TRANS. U/7 & U/8 \$2.50 EA. DYNAMOTOR FOR ART-13 WITH FILTERS & RELAYS 28VDC INPUT. PRICE: USED \$12.95

CONNECTOR PLUGS FOR DYNAMOTOR U-9 OR U-10 EACH \$2.50

CU-24/ART-13 ANTENNA SHUNT CAPACITOR CONSISTS OF 3 CAPACITORS 25MMF 10KV. PRICE USED \$1.00

0-17/ART-13 LOW FREQUENCY OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 TUBE. ALL OPERATING VOLTAGES ARE OBTAINED FROM THE TRANS. POWER SUPPLY. SIZE 5 1/2 x 5 1/2 x 9; WT: 4LBS. USED \$5.95

SA-22/ART-13 ANTENNA SWITCHING UNIT CONTAINS A BENDIX VACUUM RELAY LM-26G, 24VDC, 2 POSITION CERAMIC SWITCH & 4 LARGE INSULATORS SAME AS USED ON TRANSMITTER, ALSO SO-239 COAX. CONNECTOR. SIZE: 11x7x7 WT: 10LBS. PRICE: NEW \$4.95

VARIOMETER COIL FOR ART-13 L-112, ROTOR & STATOR COILS WITH GEARED COUPLING. 4x5x3; 2LB. USED \$1.95

RELAY, OUTPUT CIRCUIT SELECTING, 24 VDC #K105 6x2x3; 2 LB. USED \$2.95

ART-13 AUDIO SPEECH AMPLIFIER CONTAINS TWO 6V6GT & ONE 12SJ7 TUBES, CAN BE USED FOR CARBON OR DYNAMIC MIC. SIZE: 7x4x3 1/2; WT: 4LBS, USED STK#2C254 PRICE \$5.95

ART-13 CFI CALIBRATION FREQUENCY INDICATOR & MCW OSCILLATOR ASSY. USED TO PROVIDE A CONSTANT CRYSTAL CONTROLLED STANDARD OF 200 KC. IN ORDER THAT FREQ. CAN BE CHECKED ALSO 1000 CYCLE TONE. WITH 200KC. CRYSTAL & 2 TUBES SIZE 6x5x3 WT. 3LBS STK. #8Q1 PRICE USED \$6.95

GUN SIGHT

K-14 GUN SIGHT, SIGHTING HEAD, ILLUMINATED UNIT WITH TWO 2" 8X POWER LENSES, 1/2" REFLECTING MIRROR, WORM GEAR ADJUSTING LIGHT SHUTTER, TWO AUTOSYN MOTORS CONNECTED BY A SPRING BELT AND TWO MIRRORS MOUNTED ON SHAFTS. SIZE: 9x5x5 1/2; WT: 10 LBS. PRICE: USED \$4.95

SN-17/APS-10 SYNCHRONIZER, \$9.95 TRANSMITTER & RECEIVER ALSO SWEEP AND CONTROL CIRCUITS FOR THE INDICATOR. GENERATES CONTROL FOR THE PULSE RECURRENCE RATES OF 410 TO 820 CPS AND RANGE MARKS OF 0-4-25 MILES. SIZE 8x6x13; WT: 30 LBS.

TEST SET

TS-3A/AP RADAR FREQUENCY METER 2400 TO 3400 MC USING A TUNEABLE CAVITY ALSO HAS 3" METER FOR TESTING POWER OUTPUT, 0-2 MA. MOVEMENT 0-20 SCALE. USED WITH SCR-717/720 RADAR SET. WITH CABLES, TEST LAMP, COMPUTER RULE ETC. SIZE: 8 1/2 x 8 1/2 x 8; WT: 25 LBS. PRICE: UNUSED \$9.95



AIRPORT MARKER BEACON 75MC TRANSMITTER RECEIVER

CDE-52326 NAVY MODEL MARKER BEACON TRANSMITTER PORTABLE UNIT THAT OPERATES FROM 115 VOLTS 60CYC WHICH TRANSMITS A KEYED OR A CONTINUOUSLY MODULATED SIGNAL VERTICALLY IN A BALLON-SHAPED PATTERN ON 75MC. USED AT AIRPORT LANDING FIELDS RUNWAYS IN CONJUNCTION WITH MARKER BEACON RECEIVERS THAT ARE INSTALLED IN THE PLANE THUS ENABLING THE PILOT TO KNOW WHEN HE IS OVER THE RUNWAY. (IN CONJUNCTION WITH HIS OTHER INSTRUMENTS.) WATTAGE OUTPUT (1) ONE WATT, MASTER OSCILLATOR & MODULATED CW, 400CPS, 1300CPS, 3000CPS TUBE LINEUP 4/6V6, 2/6SN7, 1/6SR7, 1/65, 2/VR150, 30 & 1/5Y3. COMPLETE WITH TUBES & DIPOLE ANTENNA & OPERATING MANUAL. SIZE: 17x10x11 WT 35LBS. PRICE UNUSED \$29.95

BC-1333 MARKER BEACON RECEIVER 75MC. USED TO RECEIVE SIGNALS FROM ABOVE TRANSMITTER. WHEN SIGNAL IS RECEIVED IT OPERATES A RELAY IN THE RECEIVER WHICH IN TURN CAN BE USED TO OPERATE SIGNALS, LIGHTS, MOTORS, TURN ON EQUIPMENT ETC. VOLTAGE REQUIRED 24VDC. COMPLETE WITH TUBES 1/12SN7, 1/6SH7, 1/6SL7. SIZE: 3x5 1/2 x 5 1/2 WT. 3LBS. PRICE: USED \$2.95

C-1 CONTROL BALLISTICS BOX; FOR BOMBING NAVIGATIONAL COMPUTER PT#654573; HAS 4 DIALS WITH CONTROLS CONNECTED BY GEARS TO AUTOSYN RESOLVERS SPERRY #6624-28 SIZE 1x1 1/2 x 5 EA. #662426 1x 1 1/2 x 2 EA. #5663478 3x2 1/2 x 2 EACH. ROTARY BAND SWITCH 4 DECK 10 POS. SIZE 9x12x8; WT: 2LBS. \$7.95

AMMUNITION FIRE CONTROL POWER DISTRIBUTION PANEL 17IE608G1 & 519E147G1; TWO DIALS THREE GEAR CONTROL, 2 THREE DIGIT COUNTERS WITH MANUAL RESET AND HOLD 24 V OPERATION, 7 SWITCHES, TERMINAL STRIPS ETC. SIZE: 11x11x5; WT: 15 LBS. PRICE: USED \$4.95

OSCILLATOR

R.F. OSCILLATOR. PART OF GKA-1 EQUIPMENT. CONTAINS SEVERAL TYPES OF BAND PASS FILTERS, VARIABLE CONDENSER, TUBE SOCKETS TEST JACKS, RESISTORS 1%, CAPACITORS, 2/UG-88 BCN COAX. CONNECTORS, PILOT LIGHT, SWITCH, POTS ETC. OSCILLATOR FREQ. APPROX. 24 KC. SIZE: 12x12x4 1/2; WT: 13 LBS. USED \$1.95

SCOPE MONITOR CONVERTER

CONVERTER-MONITOR PANEL ASSEMBLY CV-399/GPA23 PART OF COMPUTER SYSTEM. CONTAINS A GOOD 3" SCOPE FOUNDATION ASSY. USING 3CP1A C.R TUBE MOUNTED ON A PANEL 10" x 12". SCOPE PANEL HAS 0-100 VERNIER DIAL 1 1/2" PLUS CENT, FOCUS CONT. SWITCHES ETC. THE MASTER PANEL HAS 10 SEPARATE SUB-PANELS WITH LOADS OF CONDENSERS, RESISTORS TERMINAL STRIPS ALSO AUTOSYN, CONNECTORS, CONTROLS, TRANSFORMERS AND LOTS MORE. \$9.95 SIZE: 25 1/2 x 25 1/2 x 14; WT: 55 LBS. USED \$9.95

MILLIVOLTMETER

MILLIVAC D.C. MILLIVOLTMETER TYPE RM-17 MEASURES FROM 1 MV TO 1000 V IN 13 STEPS ON 4 1/2" SQUARE METER. RACK PANEL MOUNTING 19x7" OPERATES FROM 115 VOLT 60 CYCLE. WT: 18 LBS. PRICE: USED \$85.00



GP-7 TRANSMITTER

GP-7 NAVY AIRCRAFT TRANSMITTING, FREQUENCY COVERAGE 800 KC. TO 9050 KC. BY THE USE OF PLUG IN TUNING UNITS, AM, CW & MCW OPERATION, 30-50 WATTS VOICE & 85 TO 125 WATTS CW DEPENDING ON THE FREQUENCY AND TYPE INSTALLATION. COMPLETE WITH TUBES 2/1616, 1/803, 1/801 1/843 & 1/5Z3, ANTENNA LOAD COIL, PILOTS & OPERATORS CONTROL BOX, COVER & MANUAL. SET OPERATES FROM 115 VOLTS 800 CYCLE AND 12 OR 24 VOLTS D.C. AS IT HAS ITS OWN SELF CONTAINED A.C. POWER SUPPLY. THE 2 1/2" METERS ARE USED FOR MEASURING PLATE, FILAMENT & OUTPUT THE SET IS CONSTRUCTED OF ALUMINUM AND FIVE TUNING UNITS HAVE CARRING CASES WITH SNAP-LOCK COVERS AND CARRING HANDLES. TRANSMITTER SIZE: 23x11x13; WT: 50 LBS. TOTAL WEIGHT OF ALL THE EQUIPMENT, PACKED 200

PRICE FOR COMPLETE SET AS DESCRIBED. \$29.50

GP-7 COMPONENTS INDIVIDUALLY PRICED

CAY 52173 Transmitter - Power Supply \$16.95

PLUG-IN TUNING UNITS

CAY	R.F UNIT	Kc BAND	PRICE
"	47151B	800-1500	3.95
"	47155C	1500-3000	4.95
"	47152D	3000-4525	4.95
FOLLOWING TUNING UNITS HAVE ROTARY INDUCTORS			
"	47153E	4525-6500	7.95
"	47154F	6200-9050	7.95
" EMPTY CASES FOR THE ABOVE TUNING UNITS WITH SNAP COVER AND HANDLE			
"	47125	ANTENNA LOAD COIL	1.95
"	23219	PILOTS CONTROL BOX	1.95
"	23220	OPERATORS " "	2.95
		INSTRUCTION BOOK	7.50

W.U. INTRAFAX

TRANSMITTER SCANS THE DATA THAT IS FED INTO THE MACHINE WITH A LIGHT SOURCE AND PHOTO ELECTRIC CELL WHICH IS AMPLIFIED AND SENT BY WIRE TO THE RECORDER WHICH THEN REPRODUCES THE DATA ON SENSITIZED PAPER 1 1/2" WIDE. THE TRANSMITTER USES TUBES 1/1X2, 1/6C4, 1/6A5, 1/931A (PHOTOELECTRIC), LIGHT SOURCE, SYNCHRONIZING MOTORS, GEARS ETC. THE RECORDER DOES NOT HAVE ANY TUBES BUT HAS THE SCANNING MECHANISM, MOTORS, RELAYS ETC. EQUIPMENT OPERATES FROM 115 VOLT 60 CYCLE BUT DOES NOT HAVE THE POWER SUPPLY REQUIRED THE TUBES, PHOTO-ELECTRIC, LIGHT SOURCE AND SCANNING CIRCUITS. TRANSMITTER SIZE 18x18x7; WT: 40 LBS. #7762A RECORDER SIZE 18x12x7; WT: 33 " #7771A PRICES: BOTH UNITS FOR \$39.95 NEW

GIBSON GIRL TRANS.

EC-778 TRANSMITTER, EMERGENCY TYPE FOR USE ON THE DISTRESS FREQUENCY OF 500 KC. UNIT IS POWERED BY A HAND CRANK GENERATOR THAT SENDS AUTOMATICLY S.O.S SIGNAL, CAN ALSO BE KEYED MANUALLY, WITH 1000 CYCLE TONE MODULATION. WITH 2/12A6 TUBES AND ANTENNA WIRE REEL. (NO KITES, BALLOONS OR PARACHUTES AVAILABLE. SIZE 10x10x8; WT: 20 LBS. PRICE: TRANSMITTER ONLY USED \$29.95

T-74/CRT-3 TRANSMITTER, SAME AS ABOVE ONLY HAS DUAL CHANNEL 500 KC AND 8364 KC. MANUAL KEYING ON 500 KC. ONLY. USED \$75.00

MICROSCOPE

PROJECTOR

MICROSCOPE-PROJECTOR, 75X COMPARATOR MFG. BY PHILCO #E726B. PROJECTS FROM 3/16 TO 6X6 SCREEN. OPERATES FROM 115 VOLT 60 CYCLE. SIZE 20 x 16 x 10; WT: 35 LBS. PRICE: USED \$75.00

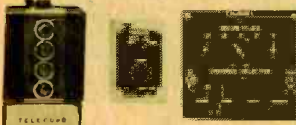
Control Boxes Filters Indicators Tuning Units Amplifiers



C-847/U CONTROL BOX FOR AN/VRC-19. CONTROL BOX CONTAINS 2 PILOT LIGHTS, MOMENTARY SPEAKER CONTROL, SQUELCH CONTROL, AND EXPLOSION PROOF SPEAKER. WHOLE UNIT IS WEATHER PROOF. SCHEMATIC INCL. 9x5 1/2 x 3 1/2 WT. 6 LB USED \$8.95
U-77 CONNECTOR PLUG FOR HANDSET. USED \$1.00

VACUUM CAPACITOR

VACUUM CAPACITOR 3 MMFD 15 KVDC, PLUS OR MINUS 10% W/CONNECTORS. SIZE 5/8x4 JENNINGS TYPE Y-3 N. \$1.95



TELECORD REMOTE CONTROL 3 NEON IND. 2 SPST PUSH SW W/25' 7 COND. CORD. 3x2x5 1/2; 5 LB. NEW \$4.95

C-87/ART-13 CONTROL BOX, WITH 11 CHANNEL SWITCH, OFF, VOICE, C-W-MCW, IND. LIGHT, MIC JACK & CODE KEY. \$2.95

C-626/ARC-27 CONTROL BOX. AUTOMATIC CHANNEL SELECTOR PRESET MECH. W/ 24 V. DC MOTOR, RELAYS, GEARS ETC. SIZE 6 1/2x6x5; WT: 13 LBS. PRICE, USED \$4.95



BC-1303 CONTROL UNIT USED IN IE-36 TEST SET FOR SCR-522. HAS ALL FACILITIES FOR OPERATION, OFF-A-B-C-D CHANNEL SWITCH, MIC, PHONE & ANT. JACKS, TRANS, REC & REMOTE SW. & PL-170 RECEPTACLE. \$3.95



VERNIER DIAL 6" 0-100 SCALE ADJUSTABLE STOPS 5 POS. USED IN TAJ TRANS. 4 LB. \$2.75



**BC-1366 BC-335 C-4/ARN-7 RADIO COMPASS CONTROL BOX USED W/R-5, 5A ARN-7, THREE BANDS 200-1750 2" TUNING METER & GRAIN OF WHEAT LAMPS. TAKES MC-124 CONTROL SHAFT. USED \$3.95
FT-224 MOUNTING FOR C-4 BOX WITH TERMINAL STRIP & PLUG USED \$1.50**

BC-1366 CONTROL BOX #0818 CONSISTS OF 5 POSITION ROTARY SWITCH, VOLUME CONTROL & MICROPHONE & PHONE JACKS PRICE: \$1.00

BC-335 CONTROL BOX WITH MICROPHONE & PHONE JACKS VOLUME CONTROL. 3x3x1 1/2 2 LBS. \$1.55

Beam Filter

NAVY TYPE RANGE BEAM FILTER 1020 CYCLE ACCEPTANCE OR REJECTION. PRICE: WITH PL-55 \$1.95 NO PL-55 1.50

TL-150 TUNING WAND FOR BC-659, BC-620 \$7.75

SIDE BAND Loading Coil C-114 - \$1.50



PHONE PATCH TRANSFORMER C-161 - \$1.50

ID-304/APA-70 COURSE INDICATOR WITH 2 CROSS-POINT MICROAMP-METER MOVEMENTS 50-0-50 & -25-0-75 ON/OFF SWITCH. WESTON #888, SIMILAR TO 1-101C F/GLIDE RECEIVE 3 1/2 x 3 1/2 x 4; 3 LBS. NEW \$4.95 CONNECTOR TO FIT... 1.50

KLAXON HORN USED ON AIRCRAFT LANDING GEAR SIGNAL. OPERATES 24 VDC, CAN BE ADJUSTED FOR 12 VDC ALSO FOR SOUND, GIVES OUT RASP. NOISE 3x5x3; 4 LBS. UNUSED \$1.50

FLASHER POSITION LIGHT, PERIODIC AIRCRAFT TYPE C-2, CONTAINS 2 FLASHER G-107 BALLAST TUBE, 24 VDC RELAY DPDT, COND, RES SIZE: 4x4x4; WT: 2 LBS. USED PRICE: \$1.00 EA. 2/\$1.50

THREE DIGIT COUNTER AS USED IN BC-461 REEL BOX HAS RESET & SPLINE SHAFT EXTENSION. 2 1/2 x 1 1/2 x 1 1/2. \$1.00 #62K3414

THREE DIGIT COUNTER OPEN TYPE, BEVEL GEAR STK.#773 \$1.50

THREE DIGIT COUNTER GEAR ON END OF IN. SHAFT. 3x1 1/2 x 1 1/2; 1LB. #R1X-D \$1.00

C-60/AP CONTROL BOX. METER 2 1/2" 0-150 VOLT 400 CYCLE, TWO MICRO SWITCHES AND ADJ CONTROL. SIZE 6 1/2 x 6 1/2 x 3; WT: 3LBS. USED \$1.95

**BC-1366 BC-335 C-4/ARN-7 RADIO COMPASS CONTROL BOX USED W/R-5, 5A ARN-7, THREE BANDS 200-1750 2" TUNING METER & GRAIN OF WHEAT LAMPS. TAKES MC-124 CONTROL SHAFT. USED \$3.95
FT-224 MOUNTING FOR C-4 BOX WITH TERMINAL STRIP & PLUG USED \$1.50**

C-30/ARC-5 BC-451 BC-136/2 C-30/ARC-5 CONTROL BOX WITH 7 push button switches marked A, B, C, D, OFF, 1&2. Also tone, SW & voice switch & connectors. Price.... \$1.00

BC-451 CONTROL BOX with switches tone-ON-voice, on-off, 1/2/3/4 also code key, mic & phone jacks.

BC-136-2 Control unit with mic & phone jacks, volume control & two binding post. \$35 each four for \$1.00

1-101 CROSS POINT INDICATOR FOR COMBINED USE FROM LOCALIZER REC. & GLIDE PATH REC. PART OF /RN-5 & RC-103. SIZE 3 1/2 x 3 1/2 x 3 WT: 3LBS. USED \$1.95

CAMERA LIGHT FILTER GRAY COLOR 50% TRANS. SCREW IN MOUNTING. 2-23/32 69MM DIA. WRITTEN DENSITY .30 FOR WOLLENSAK TYPE V254 MM F4.5 35 MM P/O PH330G CAMERA 8A1101-50.4 \$1.95



RADIO CONTROL BOX BC-450-A 6 ROTARY 3 POSITION 2 CONT ACT SWITCHES, CENTER OFF. 3 POTENTIOMETERS; 4 PHONE JACKS, 3 EIGHT PRONG PLUGS TUNING DIALS FOR THREE RECEIVERS. 9 1/2 x 3 1/2 x 6 \$2.50

DICTOGRAPH SWITCH BOX LEVER SWITCH 3 POSITION OFF-LISTEN-TALK, 2 INDICATOR LIGHTS, 6 POSITION WAFER SWITCH, 5 FT. 14 COND. CABLE, WOOD CASE WALNUT FINISH. 2x4 1/2 x 3 3 LBS. #DICT. 95083 \$3.95

4 DIGIT COUNTER 24 VDC. RELAY OPERATED, 0000-9999 7/8x1 1/8 x 5 #0508 \$2.95

BB-212 PLASTIC BATTERY NON-SPILLABLE, BALL INDICATOR 2 VOLT 40 A. 7x4x2 1/2; WT: 7 LBS. \$1.95

BB-208/AMT RADIO-SONDE DRY CHARGE BATTERIES, 4 IN A VACUUM PACKED CAN, ONE 6V 2 1/2 HR THRU 30 OHMS, 3 36V EA. 3A HR. 1-5/16x29/32x4-5/32; WT. EA. BATT. 4 1/2 OZ. BATTERY PACK (4) \$1.95

N-T-6 PLASTIC STORAGE BATTERY DRY CHARGE, 6 VOLT 4 AMP, 3 1/2 x 2 1/2 x 2; 1 1/2 LB \$3.95

BB-54 WILLARD PLASTIC STORAGE BATTERY 2 VOLT 28 AMP. HOUR NON-SPILLABLE, BALL INDICATOR DRY CHARGE, ADD ELECTROLYTE SIZE 4x5x3; WT: 4LB. \$2.95

AUTOTUNE HEAD FOR ATC/ART-13 TRANSMITTERS. MULTITURN UNIT WITH DIAL 0-100, KNOB, REVOLUTION COUNTER, LOCKING DEVICE FOR PRESETTING. CONTROL "B". Col#23518 PRICE: \$1.95

RIGHT & LEFT ANGLE DRIVE SHAFT 3/16" SIDE 1/2 MALE & 1/2 FEMALE. 2 1/2 x 2 1/2 x 1 1/2 \$1.50

VERNIER DIAL 2 1/2" 100 TO 0 SCALE. TAKES 3/8" SHAFT. PRICE: \$1.50

ID-14/APN-1 RADIO ALTITUDE METER, 3" SCALE 0-6 MA MOVEMENT. CAN BE USED AS A BASIC METER MOVEMENT AND CHANGE SCALE AS DESIRED. PRICE: USED \$1.50

INDICATOR AZIMUTH SIGHTING ANGLE TYPE C-1A OPERATES 26 VOLT 400 CYC. TWO 3" INDICATORS #SYA3710 5 1/2 x 3 1/2 x 3; WT: 4 LBS. \$2.95

INDICATOR AMP. AM-5/APS-4 6 POTENTIOMETERS 2/6V6; 6SL7; 6J6 AND MANY OTHER USEFUL PARTS 4x5x7 1/2 WT. 5LBS. PRICE: \$7.95

CONTROL BOX C-289A/APS-31 CONTAINS 5 DPST SWITCHES, 3 THREE POSITION WAFER, ONE EACH 4 POS. WAFER, 5 POS. WAFER, VERNIER PILOT LIGHT, 2 1/2" SIMPSON METER PLUS POTENTIOMETERS AND OTHER PARTS. 9x5x13 WT. 13 LBS. \$8.95

COUNTER CHAFF DISPENSER CONTROL WITH 5 DIGIT DECLINING COUNTER 2 AT A TIME 24 VDC OPERATION ALSO 12 POSITION WAFER SWITCH. LESS DIAL LIGHT ASSY & SW. 6x4 1/2 x 3; 2 LBS. \$1.50

FREQUENCY METER CAVITY TUNEABLE 2400-3400 MC, AB ABSORPTION TYPE, W/DIGIT COUNTER, LESS CRYSTAL DIODE, W/CABLES, P/O TS-3 SIZE: 5 1/2 x 2; WT: 1 LB. #3F2747-3.2 \$2.95

COUNTER 24 VDC USED TO COUNT AMMUNITION RESERVE EACH PULSE SUBTRACTS 2 UNITS FROM COUNTER. MAX. COUNT 1000 2 1/2 x 1 1/2 x 2. \$1.00

BA-259 DRY BATTERY PACK WATER ACTIVATED, USED W/RADIO-SONDE AMT-4, WAXED CARDBOARD BX VOLTS 1 1/2, 6, & 115 2 1/2 x 4 x 4 1/2; 1 1/2 LB. \$1.00

NICKEL CADMIUM BATTERY. 1.2V RECHARGEABLE BATTERY. OUTPUT APPROX. 4 AMP HR SIZE: 2 1/2 x 2 1/2 x 6 WT. 6OZ PRICE: \$2.50

RIGHT & LEFT ANGLE DRIVE SHAFT 3/16" SIDE 1/2 MALE & 1/2 FEMALE. 2 1/2 x 2 1/2 x 1 1/2 \$1.50

VERNIER DIAL 2 1/2" 100 TO 0 SCALE. TAKES 3/8" SHAFT. PRICE: \$1.50

ID-14/APN-1 RADIO ALTITUDE METER, 3" SCALE 0-6 MA MOVEMENT. CAN BE USED AS A BASIC METER MOVEMENT AND CHANGE SCALE AS DESIRED. PRICE: USED \$1.50

INDICATOR AMP. AM-5/APS-4 6 POTENTIOMETERS 2/6V6; 6SL7; 6J6 AND MANY OTHER USEFUL PARTS 4x5x7 1/2 WT. 5LBS. PRICE: \$7.95



BC-347 AIRCRAFT INTERPHONE AMPLIFIER

Used in small planes for speaking. Has two output transformers Carbon microphone input & standard headset output. Requires 12 Or 24 volt & 250VDC. Uses 6F8 tube. Size 3x2x5 WT 3lbs. With tube \$1.95 Less tube \$1.25
BC-216 MICROPHONE AMPLIFIER

Aircraft type amplifier use tubes 1/39/44 & 1/6F7. Two carbon microphone inputs. Voltage required 12 volts & 150VDC 40 Ma. Size 8 1/2 x 6 1/2 x 2. WT. 3 lbs With tubes \$1.95 Less tubes \$1.

AMPLIFIER USED IN TANK FOR INTERPHONE. W/TWO 6V6 TUBES, LESS DYNAMOTOR. REQUIRES 250 VDC 50 MA. & FILAMENT VOLTAGE. SIZE: 9x9x3; WT: 10 LBS. BC-367 NO CASE F/12V \$1.95 BC-667 W/ " F/24V 2.95

BATTERY CHARGER FOR BB-51 & BB-52 BATTERIES. TRICKLE CH OPERATES FROM 6 OR 12 VOLT STORAGE BATTERY. HAS 2-3" METERS 0-100 DC VOLTS AND 0-30 & 0-300 DC MILLIAMPS SCALES. SIZE: 12x8 1/2 x 7; WT: 20 LBS. PRICE: \$14.95

100 POWER INSPECTION MICROSCOPE MANUFACTURED BY JONES & LAMSON MACHINE CO. 9 1/2 x 2 WT. 5LBS. \$14.95

A-61 PHANTOM ANTENNA

MAGNESYN INDICATOR 3", 26 VOLTS 400 CYCLE OPERATION; 200-0-200 SCALE ILLUMINATED USED WITH APA-44 EQUIPMENT FOR INDICATION OF WIND IN KNOTS. N-S-E-W. SIZE: 3x3x3, WT 3/4 LB USED BENDIX #20004-64J-A1 \$1.00

PHANTOM ANTENNA

A-61 PHANTOM ANTENNA, USED WITH COMMAND TRANSMITTER AS A DUMMY LOAD, POWER RATING 50 WATTS, RES. 5 OHMS, 100MMF 5KV VAC. COND. 0-4 RF METER 7x5 1/2 x 2 1/2; WT: 4LBS. USED \$4.95

TS-279 DUMMY ANTENNA LOAD

Three inch pyrex feed thru insulator, 1000 ohm 100 watt resistor with two test lead & clips. Cabinet size 13 x 6 x 4". Can be used for a chassis. Stock # TS-279 Price \$1.95

MINIMUM ORDER \$3.00

EIGHTY VOLT TWO SPEED PHONO MOTOR ON MOUNTING PLATE 3x3x2 1/2 WT 3 LB. \$1.30



RT-58/ARC-12 CHANNEL SELECTOR ASSEMBLY. CONSISTS OF AUTOTUNE ASSY. 10 POSITION MOTOR DRIVEN 26.5 VDC. CHANNEL SELECTOR AND STOP INDICATOR, EXTERNAL SHAFTS TURN 60 RPM. ALSO RELAYS, CONN., ETC. SIZE: 4x6x3 1/2. WT: 5 LBS. USED \$2.95

TIMER MOTOR SWITCHING ASSEMBLY 4 R.P.M. S.P.D.T. MICROSWITCH VARIABLE TIMING CAMS FOR ACTUATING SWITCHES. #H9200. SIZE: 3x2 1/2x5 WT. 2 LBS. 1 SW. 6V. \$1.95 2 SW. 28V. 2.50 115 V 60 CYC. SET UP TO 1 RPM. 2 SW. 10 A. 115/230 VOLT INDUSTRIAL J-993 \$9.95

115V TIMER MOTOR SWITCHING ASSEMBLY 2 R.P.M. S.P.D.T. MICROSWITCH AND HEAVY DUTY CONTACTS. MAX. CLOSED TIME 15 SEC. OPEN 15 SEC. WT. 4 LBS. SIZE: 7x6x3 1/2. PRICE: \$4.95

PL-58 and JK-37 THREE PRONG PLUG AND JACK. PLUG IS KEYPED TO PREVENT INSERTING PLUG BACKWARDS. 2x3x1 1/2 EACH \$.59 PAIR 1.00

HEATING ELEMENT 115 VOLT 500 WATT SINGLE SECTION STRIP 23 1/2 LG. X 1 1/2" WIDE X 7/16" METAL SHEATH & MTS. HOLES. 2LBS 225015-24 \$1.50 EA.

CHROMALOK HEATING ELEMENT 115 VOLT 50 WATT STANDARD SCREW BASE. 4 1/2x1 1/2x1 LB. #CHR-SCB \$.75

HEATING CABLE LEAD HEATING CABLE LEAD COVERED 25 OHM 60 FT. #PARANT-48 13LI 60 FT. LTH. \$5.95

VERNIER DIAL 6" 2 SCALES W/LOCK NO TUNING TAJ \$3.50 5 LBS.

TELEPHONE TYPE RELAY STRIP STRIP CONSISTS OF 20 RELAYS 10 EACH; DPST 24 VDC, AND MAKE 3, BREAK 1, 24 VDC. 3x6x26 WT. 22 LB. \$5.95

RELAY STRIP CONSISTING OF 20, 12 VOLT RELAYS AND ONE 4:1 CONTACT INTERLOCKING PLUG. EACH RELAY BREAK 5, MAKE 6. EACH RELAY SIZE: 1 1/2x2 1/2. WT. 10 LBS. \$5.95

RELAY STRIP CONSISTING OF 20, 12 VOLT RELAYS AND ONE 4:1 CONTACT INTERLOCKING PLUG. EACH RELAY BREAK 5, MAKE 6. EACH RELAY SIZE: 1 1/2x2 1/2. WT. 10 LBS. \$5.95

T-39 MICROPHONE AND CHEST UNIT THAT WAS USED TO CARRY DRY CELL BATTERIES. PHONE JACK AND 1 FT. CABLE WITH 8 RECEPTICAL PLUG. ON-OFF SWI AND FUSE HOLDER. INSIDE DIMENSIONS 5 1/2x1 1/2x9. WT: 6 1/2 USED \$3.95

CP-949/APA-44A W/AUTOSYN DIFFERENTIAL CONNECTED TO A GEAR TRAIN DIAL. 9 DECK CERAMIC SWITCH 4 POSIT ON. 6 GRAIN HEAT LAMPS SIZE: 6x7 1/2x5 WT. 9 LBS. USED \$3.95

LANDING GEAR SWITCH ASSEMBLY, SINGLE POLE DOUBLE THROW, PLUNGER TYPE, PLUNGER IS DEPRESSED OPENS ONE CONTACT, CLOSES OTHER, SPRING RETURN. SIZE 3x2 1/2x1 1/2, PLUNGER 2 1/2. WT: 8 OZ. PRICE: \$5.50

DY-44 DYNAMOTOR BOX WITH FILTER SYSTEM AND 6 FT POWER CABLE. 1 FT OUTPUT CABLE WITH CANNON AN 31065-145-75 PLUG, ON-OFF SWITCH AND FUSE HOLDER. INSIDE DIMENSIONS: 9 1/2x5 1/2x4. WT. 12 LBS. DY-44A/U \$1.95

AUDIO OSCILLATOR BOX ASSY. W/24 12 MMFD. CERAMIC TRIMM. 21 TEMP. COMP. CAP. & RESISTO WHEN USED WITH 2/6SJ7 TUBES & AS90C. PARTS IT WILL PRODUCE FREQ. 425-2295 CYCLES IN 12 STEPS OF 170 CYC. EA. 5 1/2x5x4 1/2; WT: 5LB. #R26 \$4.95

TELEPHONE TYPE LEVER SWITCH ONE SIDE; MAKE 1; BREAK 1 OTHER SIDE; MAKE 6 #5930-392-1273 \$.40 MAKE 2, BREAK 2, ONE SIDE ONLY #K-22 \$.30 ONE SIDE; MAKE 2 OTHER SIDE; MAKE 2 MOMENTAR #K-1100 \$.30 MAKE 7, BREAK 4, ONE SIDE ONLY RM-574167 \$.30

CONTROL CROSS-HAIR #1280-322-8990. VARIABLE STICK CONTROL VARIES THE POTENTIOMETER (2) ONE IN THE FORWARD & BACK OTHER EACH SIDE ALSO PALM & THUMB SWITCH. SIZE: 1 1/2x7x6 WT: 5LB. \$2.50

VARILOGON PHASE SHIFT CAPACITOR V-42. USED FOR ACCURATE MEASUREMENT OF TIME INTERVALS IN RADAR SYSTEMS. CAPACITY OF INPUT PLATE TO HOUSING 4.4 MMF. CAPACITY OF OUTPUT PLATE TO HOUSING 15.6 MMF. CAPACITY VARIATION OF ONE INPUT TO OUTPUT PLATE 1.2-4.9 MMF. SIZE: 2 1/2x1 WT. 1 PRICE: \$4.95

SOUND RECORDING TAPE TW-3U. 7" REEL WITH APPROX. 900 FT OF 2 MIL TAPE. USED WITH RD-42 WT. 4.5 LBS. PRICE: \$4.95

HARDWARE KIT CONTAINS 50 CLAMPS OF 5 TYPES, 20 SCREWS OF 5 TYPE 15 LOCKWASHERS, 7 TERMINAL LUGS & 4 HEX NUTS. 18 SPACERS. WT 5 LBS. RC-298 \$1.00

10-11/APS-4 INDICATOR FOR APS-4 RADAR SET. USES TUBES 3FP7 AND 2/6J6. WT. 6 LBS. USED \$3.95 NEW 4.95

AC LINE CORD 4 FT. WITH SWITCH, WHITE 25# 5 FOR \$1.00 THREE CONDUCTOR #18, BLACK PLASTIC 15 FT. 35# 3/\$1.00 PLASTIC COVERED 2/12 8¢ PER FOOT

VIDEO AMPLIFIER MODULE FROM APS-4 RADAR. THREE 5977 TUBES AND RESISTORS. 15 PRONG PLUG. P/O AM-574/APS-44 1 1/2x3x3 1/2 WT. 1 LB. \$1.95

LENSE 2" FROM A K-14 GUNLIGHT APPROX. 3 POWER TWO FOR \$1.00

SERVO PRESSURE REGULATOR SELSON CONNECTED THROUGH GEARS TO A DEVICE WHICH AUTOMATICALLY COMPENSATES FOR ANY CHANGE IN PRESSURE. 5x7x6 1/2 WT. 10 LBS. \$5.95

CONTROL CROSS-HAIR #1280-322-8990. VARIABLE STICK CONTROL VARIES THE POTENTIOMETER (2) ONE IN THE FORWARD & BACK OTHER EACH SIDE ALSO PALM & THUMB SWITCH. SIZE: 1 1/2x7x6 WT: 5LB. \$2.50

MOTOR SPLIT FIELD REVERSEABLE, SERIES WOUND. SHAFT SPEEDS, 5 R.P.M. 200 R.P.M. 26VDC 2 MICRO SWITCHES AND ON-OFF SWITCH. 6x4x4 PRICE: \$5.95

CAPACITY TUNER WITH AUTO-TUNE 160-211 MC 1/2C26 2/30-239 CONNECTORS 7 1/2x5 1/2x5 WT. 7 LBS. PRICE: \$2.50

CONNECTOR PLUGS 15 CONTACT SIZE: 2 1/2x1 1/2x 1/2 PER PAIR \$1.50 P-601 34 CONTACTS 30" CX2158/U SIZE: 2x2x 1/2 MRE-34H PER PAIR \$2.00 14 CONTACTS 30" CX 2157/U SIZE: 1 1/2x1 1/2x 1/2 PER PAIR \$1.50 MRE-14H 18 CONTACTS 2 1/2x2x1 P-2802 PER PAIR \$2.00

SW-225 CHANGEVER SWITCH. 3PDT HEAVY DUTY. SIZE: 8x7x4 WT. 7 LBS. PRICE: \$1.95

TA-211/GR INTERCOMUNICATION MONITOR STATION. THREE LEVER SWITCHES CONTROL RECEPTION OF EITHER OF TWO RECEIVERS OR BOTH WHEN CONNECTED THROUGH JACKS. JACKS FOR MIKE, TWO PHONES OR RECORDER INPUT FOR TWO RECEIVERS. RECEPTICAL FOR CONNECTION INTO EXTERNAL CIRCUIT. SIZE: 7 1/2x5x2 1/2 WT. 3 LBS. PRICE: \$4.95 NEW

5 1/2 INCH DIAL CALIBRATED 0-360 DEGREES 0-1600 KNOTS WT. 2 LBS. \$1.25

DIAL FOR TS-147 SIGNAL GENERATOR 6 SCALES MARKED 843-977 WITH TRAVELING INDEX. SIX INCH DIA. 4 MTG. HOLES. REMOVED FROM EQUIP. WT 2 1/2 LBS. \$1.95

DUMMY LOAD DA-20/URM-68 FOR 5850-8200 MC WITH TRANSIT CASE. 1 1/2x 1/2 INCH WAVEGUIDE COVER FLANGE INPUT. DISSPATES 420 WATTS AVERAGE POWER. CASE IS ALUMINUM 4 1/2 INCH INSIDE DIAMETER, 12 INCHES DEEP. WT. 14 LBS. \$12.95

BOX, FREE FIRING TWO RELAYS 6 VOLT SPST NORMALLY OPEN. THREE CAPACITORS, ONE EACH; 24F @ 600 VDC, 34F 120V 400 CYC, 2x54F @ 400 VDC. COMPLETE WITH SCHEMATIC AND SHOCK MOUNTING. CHASSIS: 8x5x2 1/2, WITH COVER 8x5x6. 10 LBS. \$1.95

FT-384 ADAPTER FOR TESTING BC-603 BC-683 Used \$2.95 RE-NEW 4.95

PLUGS INTO REAR OF SET AND HAS METERING SWITCH AND JACK FOR ATTACHING METER FOR MEASURING VARIOUS VOLTAGES AND MAKING ALIGNMENT. COMPLETE W/6FT BATT. LEAD.

TELETYPE COUNTER ACTUATED BY 48VDC RELAY. FOUR PULSES OF RELAY CHANGES COUNTER ONE DIGIT. UNIT CONTAINS 115V 60CYCLE MOTOR. MOTOR IS 60 RPM TORQUE 6.6 INCH OUNCES. 5 1/2x5 1/2x6 WT. 10 LBS. PRICE \$9.95

RF PRE-AMPLIFIER 150 MC. TYPE BNC CONNECTOR 28VDC ROTARY RELAY WHICH CONTROL TWO CERAMIC WAFER SWITCHES. TUBES: 3/6AS6, 1/6AK5 6 1/2x5x5 1/2 WT. 5 1/2 LB. 790292 \$5.95

BATTERY HOLDER FOR TWO TYPE D CELLS, SAME AS USED IN MOST FLASH LIGHTS. USED FOR LIGHTING INSTRUMENT PANELS D45200 WITH SWITCH & CORD & PLUG. \$5.99

M-33 WITH SWITCH ON RHEOSTAT AND GAIN OF WHEAT LAMP ON CORD. \$1.00

COILS EXPERIMENTERS ASSORTMENT ALL FOUR ITEMS FOR \$1.00

DUAL VARIABLE CAPACITOR & COIL ASSY, APPROX. 165 MC. DUAL VAR. CAP. COIL, ACORN SOCKET ETC. APPROX. 200 MC SLUG TUNED VARIABLE COIL ASSY FOR BROADCAST BAND RF & OSCILLATOR F/455KC IF 1ST RF TUNING STAGE FOR PART OF BROADCAST BANDS, 3 VAR. CAP. COILS, COND. RESISTORS, WAFERS ETC.

BC 683 LCU 3 COIL R.F. OSCILLATOR TUNING UNIT FOR BC-683 RECEIVER ALSO USED TO CONVERT BC-603 TO BC-683. #BC-683/LCU3 \$2.00

60 MC IF BROAD BAND USES 10 TUBES 5/717A, 3/6AK5 1/6SL7 & 1/6SN7; HAS MIXER PANEL, RELAYS, CABLES ETC. SIZE: 14x4x5; WT: 4 1/2 LB. USED STK# D-15229 PRICE: WITH 5/717A \$2.95 WITH 10 TUBES 6.50

PARTS BONNAZA



PLUG IN TUNING UNITS USED WITH BC-191/BC-375 TRANSMITTER. THESE UNITS CONTAIN MANY PARTS THAT CAN BE USED BY SCHOOLS, LABORATORIES, HAMS, OR EXPERIMENTERS. LISTED BELOW ARE THE VARIOUS TUNING UNITS WITH FREQUENCY COVERAGE, AND PARTS LIST. ALL UNITS INCLUDE CABINET, KNOBS, HANDLES, BRACKETS, AND OTHER PARTS. THE NEW TUNING UNITS ALSO INCLUDE THE OUTER CASE.

Size: 17x9x7 $\frac{1}{2}$ WT: 13 LBS.

TU-5B 1500-3000KC

M-O tank inductance
M-O band change switch
Antenna coupling switch
P-A band change switch
Capacitors, as follows:
3/0.0001 mfd 3000 volt
0.00003 mfd 2000 volts
2/0.0004 mfd 5000 volts
3/0.00009 mfd 3000 volts
Var. 8-26mmf, 20-135mmf
20-156mmf
Antenna coupling coil
P-A grid choke coil
M-O grid choke coil
P-A tank inductance
Res. 15 ohms, 4.5 watts
2 $\frac{1}{2}$ " vernier dial
Right angle drive
New \$6.95

TU-6B 3000-4500KC

M-O tank inductance
P-A tank inductance
P-A grid choke coil
M-O grid choke coil
Antenna coupling coil
M-O band change switch
P-A band change switch
Antenna coupling switch
Capacitors, as follows
2/0.00005 mfd 3000 volt
2/0.0004 mfd 5000 volts
Variable cap. 19-116 mmf, 8-26mmf, 15-77mmf
M-O tuning compensator
Res. 15 ohm, 4.5 watts
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$5.95 Used \$3.95

TU-7-B 4500-6200KC

M-O tank inductance
P-A tank inductance
Antenna coupling swite
Antenna coupling coil
P-A grid choke coil
M-O grid choke coil
Cap. as follows:
2/0.0004 mfd 5000 volts
Var. Cap. 8-26 mmf,
23-111mmf, 19-116mmf
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$5.95 Used \$3.95

BC-306 ANTENNA TUNING UNIT 200-500 KC

VARIOMETER COIL
VARIOMETER DIAL
ANTENNA COUPLIN SWITCH
INSULATORS
NEW \$4.95, USED

TU-8-B 6200-7700KC

M-O tank inductance
M-O grid choke coil
P-A grid choke coil
P-A tank inductance
Antenna coupling coil
Antenna coupling switch
Cap. 2/0.0004 mfd 5000v
Var. Cap. 14-86mmf,
8-26mmf, 15-81mmf
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$5.95 Used \$3.95

TU-9-B 7700-10,000KC

M-O tank inductance
M-O grid choke coil
P-A grid choke coil
P-A tank inductance
Antenna coupling coil
Antenna coupling switch
Cap. 3/0.0004 mfd 5000v
Var. Cap. 19-116mmf,
8-26mmf, 15-77mmf
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$4.95 Used \$3.95

TU-10-B 10,000-12,500KC

M-O tank inductance
M-O grid choke coil
P-A tank inductance
P-A grid choke coil
Ant. coupling coil
Ant. coupling switch
M-O choke coil
Cap. 3/0.0004 mfd 5000v
Var. cap. 14-82mmf,
19-116mmf, 8-26mmf
2 $\frac{1}{2}$ " vernier dial
Right angle drive
New \$4.95 Used \$3.95

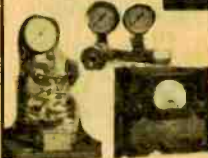
TU-26-B 200-500KC

M-O tank variometer
M-O plate coil
M-O grid choke coil
P-A tank variometer
P-A grid choke coil
M-O band change switch
Antenna Coupling swite
Antenna coupling coil
Capacitors, as follows
3/0.0004 mfd 3000v
2/0.005 mfd 5000v
2/0.004 mfd 5000v
2/0.0035 mfd 5000v
0.002 mfd 5000v
0.0005 mfd 3000v
0.0007 mfd 3000v
12mmf, 35mmf
Var. cap. 8-26mmf
Res. 15 ohm 4.5 watts
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$4.95 Used \$3.95

EQUIPMENT RACK

ELECTRICAL EQUIPMENT RACK. USEABLE PANEL HEIGHT 58", WIDTH IS STANDARD 19". UNIT HAS ONE ROLL-OUT SHELF, FOUR ADJUSTABLE SHELVES, AND ELECTRICAL JUNCTION BOX. LIGHTS IN TOP SECTION OF UNIT ILLUMINATE FRONT OF PANELS. EIGHT WHEELS PROVIDE MOBILITY FOR RACK. DROP DOWN SECTION ON ROLL-OUT SHELF. WEIGHT: 160 LBS. SIZE: 72x21 $\frac{1}{2}$ x20. Price: \$30.00

VAPOR DETECTOR



WATER VAPOR DETECTOR 128; CONSISTS OF VALVING ASSY. WITH 2 $\frac{1}{2}$ " 3000 LB. PER. SQ. IN. GAUGE CONNECTED TO A BRASS BLOCK WITH 3 VALVES COPPER TUBING CONNECTS TO SATURATOR BOTTLE AND ANOTHER BLOCK WITH VALVE WHICH

ONE OUTLET CONNECTS TO A ELECTRIC AMPLIFIER THRU DETECTOR ELECTRODE AND THE OTHER OUTLET TO A GAS PRESURE REGULATOR. THE ELECTRIC AMPLIFIER IS HOUSED IN METAL CASE WITH 3" METER 50 MICRO-AMP. WITH TUBES 1/1G6GT & 1/1G4GT IN A OSCILLATOR CIRCUIT, BALANCED BRIDGE TYPE, ANY ELECTRIC UNBALANCE IS INDICATED ON THE METER, ADJUSTING CONTROLS ON PANEL, REQUIRES 67 $\frac{1}{2}$ & 1.5 VOLTS D.C FOR OPERATION. GAS PRESSURE REGULATORS ARE STD. WITH 2" METERS. EQUIPMENT IS USED TO DETERMINE THE AMT OF WATER VAPOR IN THE GAS TO BE TESTED WITH A REF. GAS AS THE STANDARD. CARRING CASE 14x16x10 $\frac{1}{2}$; WT: 60 PRICE: USED \$14.95

RELAY TEST SET

USED \$16.95

RE-COND. 21.95

1-193 RELAY TEST SET: USED FOR TESTING 255, 255A, D-163119A, D-164 816A POLAR RELAYS ETC. FOR BIAS AND SENSITIVITY. THE ELECTRICAL CHARACTERISTICS ARE DETERMINED BY THE DEFLECTIONS OF THE METER. ALSO CONTAINS CIRCUIT FOR SENDING PULSES FOR TESTING EXTERNAL TELEGRAPH CIRCUITS AND A 10-20 CYCLE OSCILLATOR FOR FOR TESTING AND LINE-UP PURPOSES. OPERATES FROM 115/130 VDC 10 WATTS. (RA-87 RECTIFIER SHOWN ON PAGE 8 OF THIS CATALOG WILL OPERATE THIS EQUIPMENT) SHIPPED IN WOOD CHEST 24X12X13; WT: 75 LBS.

A.F.C. UNIT



AUTOMATIC FREQ. CONTROL UNIT No. 600671; USED WITH FIRE CONTROL SYSTEM WITH 16 TUBES 2/5829, 11/5703, 2/5702 & 1/5784, DPDT SIGMA RELAY THAT WILL OPERATE FROM 14 VDC @ 2.8 MA, SLUG TUNED COILS, RESISTORS, COND. ETC. (SORRY DO NOT KNOW FREQ. NO SCHEMATIC) SIZE: 4x8x6; WT: 5 LBS. PRICE USED \$3.95

OSCILLOSCOPE

TS-34/AP OSCILLOSCOPE; 2" DIA. SCREEN, START-STOP SAW TOOTH SWEEP INCL DEFLECTION SENSITIVITY 0.22 MM PER V. DC VERTICAL, 0.26 MM HORIZ. FREQ. RANGE START STOP DURA. 4 $\frac{1}{2}$ -8, 20, 50, 120-280 U SEC. SAWTOOTH -280 U SEC. SAWTOOTH FREQ. FREQ. 50,000 IN STEPS TO 10 CPS. OPERATING POWER 115 V 50-1200 CYC. SIZE: 9 $\frac{1}{2}$ x29x12 $\frac{1}{2}$; WT: 40 LBS. Used \$39.50

VERNIER TIMER

VERNIER SET ATC TIMER WITH 15 MINUTE TIMING PERIOD. SYNCHRONOUS MOTOR OPERATES FROM 230 V 60 CYC AND HAS SPDT CONTACTS FOR CONTROL OF INDUSTRIAL EQUIPMENT. SIZE: 6 $\frac{1}{2}$ x5 $\frac{1}{2}$ x3 $\frac{1}{2}$ WT. 5 LBS. PRICE: \$9.95 NEW

WAVE METER

SCOPE OSCILLATOR

AN/UPM-1 WAVEMETER-OSCILLATOR-SCOPE RADAR TEST UNIT FOR 155-235MC AND 460-570MC CONTAINS PULSE AND SWEEP GENERATORS VIDEO AMP. 3" OSCILLOSCOPE, TWO WAVEMETER TWO OSCILLATORS, POWER REQUIREMENTS: 80, 115, OR 230 VOLTS AC. 60-1000 CYCLES. SIZE: 30x21x24; WT. 150 LBS. USED ANTENNA FOR AN/UPM-1 \$49.95 SIZE: 21x12 WT. 11 LBS. USED \$9.95

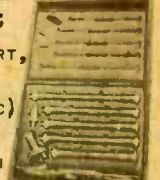
SIGNAL GENERATOR USED \$22.95

BC-1277 SIGNAL GENERATOR; 2400 TO 3400 MC. TUNED CAVITY DIGIT COUNTER DIVISIONS 30/60 MC. 0-50 D.C 3 $\frac{1}{2}$ " MICROAMP. METER FOR MEASURING THE VOLTAGES OF THE VARIOUS CIRCUITS. ATTENUATOR, SYNC. AMP., STD. SIGNAL SHAPE AND CAL. SIGNAL AMPLIFIER CIRCUIT OPERATES FROM 115 V. 50-1200 CYCLE. WITH TUBES 3/VR-150, 4/6AC7, 2/VR-105, 2/6Y6, 2/6SF5, 1/6L7, 1/6L6, 1/707A, 1/6X5 & 1/5T4. USED FOR TESTING RADAR. SIZE IN WOOD CHEST 22x17x17; WT: 100 LB



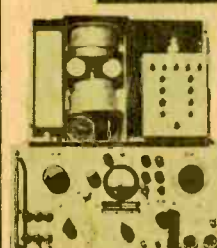
ATTENUATORS

MX-1309/URM-23 POWER MEASURING; KIT OF WAVEGUIDE ATTENUATORS, ADAPTER, BALOMETER, CABLE & CHART, 1000 TO 4000 MC.
ATTENUATOR CN-110/U 10 DB
" CN-111/U 20 DB (2pc)
" CN-168/U 3 DB
" CN-169/U 6 DB
RF BALOMETER DT-76/U, "N" CONN
ADAPTER CONN. UG-402/U
COAXIAL CABLE CG-92B/U, w/UG-21 EA. END.
METAL CARRING CASE, FITTED, SIZE 19x5 $\frac{1}{2}$ x14; WT: 32 LBS. COMPLETE SET \$14.95



PULSE GENERATOR

AN/UPM-19 RADAR TEST SET CONSISTS OF SG-76 PULSE GENERATOR THAT COVERS THE FREQ. OF 2650-2950 MC. VARIABLE FREQ. AND R.F. OSCILLATOR CONTROLS BCN CONN. REQ. FOR R.F IN, R.F OUT, VIDEO PULSE AND SYNC. OUT JACKS. 2 $\frac{1}{2}$ " R.F CAL. POWER METER 25 TUBES, OPERATES FROM 24 VDC VIBRATOR POWER PACK. ABOVE IS CONTAINED IN CASE # 1 OF 2. CASE 2 OF 2 CONTAINS, 2 ANTENNAS, CONTROL BOX, LITE INDICATOR BOX, PLUGS AND CABLES. ALUMINUM CARRING CASE SIZES 16 $\frac{1}{2}$ x8x14 AND 14x10x10; SHPG. WT: 80 LBS. PRICE: USED \$29.95



CALIBRATOR

TS-102B/AP CALIBRATOR: RANGE CALIBRATOR PORTABLE PULSE GENERATOR WITH REPEITION FREQ. OF 400, 800, 1600, 2000 & 4000, MARKER AND SYNCHRONIZING PULSE, VARIABLE DELAY LINE PHASE ADJUSTMENT. OPERATES FROM 115 V. 50-1000 CYCLE WITH TUBES 2/6X4W 3/6AG7 6/5814. 2/UG273/U CONN. 4/CABLES W/UG-88R/U SIZE: 16x10x11; WT: 28 LBS. UNUSED \$18.95

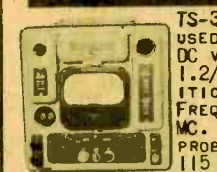


TEST SET 1-173 OSCILLATOR UNIT. 90 OR 150 CPS OUTPUT FROM A VIBRATOR TYPE SIGNAL GENERATOR. OPERATES FROM TWO 1 $\frac{1}{2}$ VOLT LANTERN BATTERIES 11 $\frac{1}{2}$ x7 $\frac{1}{2}$ x3 $\frac{1}{2}$ WT. 8 LBS. \$7.95



VACUUM TUBE VOLTMETER

TS-375 VACUUM TUBE VOLTMETER USED FOR MEASURING BOTH AC AND DC VOLTAGES. FULL SCALE RANGE 1.2/3/12/30/120 VAC-DC. ADDITIONAL DC SCALE UP TO 300 V. FREQUENCY RANGE 40CYC TO 300 MC. COMPLETE WITH AC AND DC PROBES. 4" METER FACE. 115 V 1 ϕ 50-1600 CYC \$49.50



AUTOSYN INSTRUMENT FIELD TESTER; AAF #43G18624 IS A SIMPLE TESTER THAT IS DESIGNED TO TEST THE ELECTRICAL CIRCUITS OF ALL MINIATURE 26 V. 400 CYC. AUTOSYNS. WHEN CONNECTED TO THE SUPPLY IT CAN BE USED AS A TRANSMITTER OR INDICATOR ALSO HAS ELECTRICAL ZERO TESTING CIRCUIT. SIZE: 6x10x5; WT: 8 LBS. PRICE: METAL CASE HINGED COVER & CABLES. USED.. \$8.95 WOOD CASE NO COVER/CABLES \$3.95



BC-221 FREQ. METER



THIS IS A SIMPLE ACCURATE AND RELIABLE CRYSTAL CALIBRATED FREQUENCY INDICATING INSTRUMENT FOR USE IN THE 125 TO 20,000 KC. RANG, WITH A NORMAL OPERATING ACCURACY OF LESS THAN .02%. CAN ALSO BE USED AS A SIGNAL GENERATOR OR VARIABLE FREQ. OSCILLATOR.

OPERATING VOLTAGE REQUIRED FOR DRY CELL OPERATION 6 VDC .9 AMP. & 135 VDC 20 MA.
 SIZE: 10x13½x10; WT: 25 LBS.

UNITS MAY BE IN WOOD OR METAL CASES VARIOUS LETTERS, COMPLETE WITH TUBES, CRYSTAL, ORIGINAL CALIBRATION BOOK.

PRICE: USED CHECKED FOR OPERATION \$79.50

TS-175 FREQ. METER 85-1000 MC

SAME AS BC-221 BUT WITH DIFFERENT FREQUENCY AND WITH MODULATION. USED CHECKED \$125


OSCILLOSCOPE



USM-24 OSCILLOSCOPE
 3 INCH CR TUBE 3U1
 RECURRENT SWEEP, 8 CYC PER. SEC. TO 600 KC.
 TRIGGERED SWEEP 1.25-125 MICROSEC. VERT. DEFLEC. SENSITIVITY .035
 HORIZ DEFLEC. 4.0V
 HORIZ RESPONSE .5 CYC PER SEC. TO 700KC.,
 VERT. RESPONSE 4 CYC. PER. SEC. TO 10MC BEAM MOD. RESPONSE 50 CYC. PER. SEC. TO 10MC HORIZ INPUT IMPEDANCE 300, 860 OHMS. BEAM MOD. INPUT RESIST. 56,000 OHMS
 OPERATES FROM 115VOLTS 50-1000 CYC. RADIO FREQ. & MOD. CIRCUITS USE BCN SERIES COAXIAL CONNECTORS.

SIZE: 17x15x15; WT: 60 LBS. USED SERVICEABLE PRICES LISTED BELOW ARE LESS BLOWERS, PROBES CABLES, COAXIAL ADAPTERS AND AS OFFERED.


OS-51/USM-24 ---LESS FRONT AND BACK COVERS.....\$59.50
 OS-26/USM-24--- LESS FRONT COVER AND DELAY LINE.....\$44.95



1-208 SIGNAL GENERATOR

F.M STANDARD OF VOLTAGE FREQUENCY AND FREQUENCY DEVIATION FOR TESTS OF ALIGNMENT, CALIBRATION, SENSITIVITY MEASUREMENTS OF FM RECEIVERS. RANGE 1.9-4.5 MC & 19-45 MC.

FREQ. DEVIATION ADJUSTABLE 0-5KC FOR LOW AND 0-50 KC. FOR HIGH BAND. MODULATION FREQ. 150-400, 1000, 2500 & 5000 CPS. ACCURACY & STABILITY .03 PERCENT. OUTPUT METER AND SPEAKER. OPERATES FROM 115 V. 60 CYC. USED SERVICEABLE
 SIZE: 18x11½x10; WT: 125 LBS. \$59.50




WIRE RECORDER

IC/VRW-7
 WIRE RECORDER 3" REEL 0.006 DIA. WIRE. ONE INPUT CHANNEL, 600 OHM IMPERANCE, 290 RPM RECORDING SPEED. FREQUENCY RESPONSE 300-3500 CPS. OPERATES FROM 28 VDC. COMPLETE WITH TUBES 2/28D7, MX 303A/ANG-1 WITH WIRE FOR 60 MINUTES. FRONT CONTROLS FOR VOLUME IMPUTS FOR MIKE AND RECEIVER, CUTUPS FOR TWO HEADPHONES, AND AN ON/OFF SWITCH.
 (THIS IS A RECORDER ONLY)
 SIZE: 12½x7½x6½; WT. 16 LBS.
 PRICE: \$9.95 USED

MIRROR-MATIC

AUTOMOBILE REAR VIEW MIRROR: AUTOMATICALLY CHANGES ANGLE OF MIRROR WHEN HEADLIGHTS OF CAR IN THE REAR STRIKES MIRROR. OPERATES 12 VOLTS D-C WITH PHOTO-CELL, 1/12K5 TUBE, SPST RELAY, RELAY THAT FLIPS MIRROR AND SENSITIVITY CONTROLS. CAN ALSO BE OPERATED BY A FLASHLIGHT OR OTHER LIGHT SOURCE.
 SIZE: 10½x2½x1½; WT: 3LBS. PRICE:.. \$3.95


MOBLE REC. & TRANS.



GENERAL ELECTRIC RECEIVERS AND TRANSMITTERS 30-40 MC OR 40-50 MC. THESE UNITS OPERATE FROM 6 OR 12 VDC. THE FREQUENCY IS CRYSTAL CONTROLLED COVERING THE RANGE 30-40 MC OR 40-50 MC. RECEIVERS ARE OF THE 4ER SERIES AND ARE COMPLETE WITH 11 TUBES. TRANSMITTERS ARE OF THE 4ET SERIES AND ARE COMPLETE WITH 7 TUBES. COMPLETE WITH CRYSTALS. 9x9x14½ WT. 30 LBS.


USED: RECEIVER 6V 40-50 MC #4ER645	\$29.95
" RECEIVER 12V 30-40 MC #4ER1234	29.95
" TRANS. 6V 40-50 MC #4ET645	14.95
" TRANS. 12V 40-50 MC #4ET1245	14.95
GE CONTROL BOX FOR ABOVE.....	2.00
GE SPEAKER IN BOX FOR ABOVE.....	2.00
PUSH BUTTON HANDSET.....	4.95
CONTROL CORDS (2 REQUIRED).....	EA. 2.75
POWER CORD.....	2.75

MEMORY CORE MATRIX




COMPUTER MEMORY CORE MATRIX RCA #XN164-16 APPROX 264 CELLS) WIRE TO 11 CHASSIS CONNECTOR 42 TERMINALS EA. WITH MATCHING DISCONNECTS. SIZE 12½x20x3½; WT: 10LB. \$18.95

TELETYPE TESTER




TS-2/TG TELETYPE SIGNAL DISTORTION TEST SET CAPABLE OF SENDING NORMAL OR DISTORTED SIGNALS FOR TESTING MARGINS OF START/STOP MECHANISMS AND TESTING EFFICIENCY OF THE SELECTOR UNITS.
 SIZE 18x13x14; WT: 90 LBS. USED \$75.00

PUMP TEST




DESICCATOR PUMP TEST FIXTURE: CONSISTS OF AIR FLO-SCOPE INDICATOR WITH 4" MAGNETIC METER 0-8 INCHES OF WATER AND PRESSURE CONTROL VALVE ALSO TWO 3" SQUARE METERS 0-50 VDC 500 OHMS PER VOLT AND 0-5 AMP METER, RHEOSTAT, SW, PILOT LIGHT ETC. UNIT IS HOUSED IN METAL CARRING CASE 21x13x6; WT: 25 LBS.
 PRICE: USED \$14.95

RADAR TEST SET




1-242 RADAR TEST SET DESIGNED TO FURNISH A COMPARATIVE INDICATION OF TRANSMITTER OUTPUT AND MEASURE PULSE RECURRENCE RATE. CONSISTS OF DUMMY LOAD WITH 3" METER 0-50 MA WITH 0-100 SCALE. UHVS
 SIZE 8x10x11; 14 LBS \$8.95

RECEIVER




ARN-5D GLIDE PATH RECEIVERS USED IN AIRCRAFT TO RECEIVE A MODULATED SIGNAL 90 & 150 CYC. ON 332.6, 333.8 MC. OPERATES FROM 24 VDC. COMPLETE WITH TUBES 7/6AJ5, 2/12SN7, 1/28D7. SIZE: 5½x6½x11; WT. 12 LBS. CRYSTALS NOT INCLUDED
 PRICE: USED, R-89/ARN-5 \$5.95
 R-268/ARN-5 \$6.95
 R-430/ARN-5 \$5.95

AMPLIFIER



AM-142/AIC MIXER AMP. USED IN LARGE AIRCRAFT INTERCOMMUNICATION SYS AS A AUDIO LINE BOOSTER AND MIXER. INPUT IMPEDANCE 500 OHM, OUTPUT 600 OHM. OPERATES FROM 24 V.D.C. AND IS COMPLETE WITH ONE 26A7 TUBE AND SCHEMATIC.
 SIZE: 5x5x2; WT: 2½ LBS. USED \$1.50


REC. 30-40 CONVERSION



MOTOROLA RECEIVER 70-80MC (30-40 MC. CONVERSION WILL BE SUPPLIED UPON REQUEST; F.M. 6 VOLT VIBRATOR POWER SUPPLY, 16 TUBES 10/7C7 1/7C5, 2/7AG7 & 2/7A6, 7F7 SINGLE CHANNEL CRYSTAL CONTROL, SQUELCH ETC. USED FMRW16V SIZE 15x9x9; WT: 30 LBS.
 PRICE: W/TUBES, LESS CRYSTALS & COVER \$22.95
 " " " WITH " " 27.95

MOTOROLA TRANSMITTER FMT-25V 30-40 MC, F.M CRYSTAL CONTROL SINGLE CHANNEL. 25 WATT, 6V TUBES, 3/7C7, 2/7A8, 1/6V6, 1/RK391807. 15x9x9 30 LBS. USED W/COVER \$14.95; LESS COVER 9.95


PHILCO



PHILCO TRANSMITTERS PRT150GT 154-172 MC. FM. 30 WATT, 6 VOLT DYNAMOTOR P.S. CRYSTAL CONTROL SINGLE CHANNEL TUBES, 2/3A4, 1/9003, 1/6BJ6, 2/2E24, 1/6CA & 1/2E30. USED COND SIZE: 15½x10½x8; WT: 35 LBS.
 PRICE: W/TUBES, L/CRYST. \$14.95

PHILCO RECEIVER PRT72G 70-80 MC. F.M 6 VOLT VIBRATOR POWER SUPPLY, CRYSTAL CONTROL SQUELCH CIRCUIT, WITH TUBES 3/6BJ6, 3/6AK5, 2/6AQ6, 1/6CA, 1/7F7 & 1/7A8. USED LESS CRYST. SIZE: 15½x10½x8; WT: 30 LBS. \$14.95


LINK



6 OR 12 VOLT
 152 TO 172 MC. F.M.
 \$59.50


COMMERCIAL TYPE MOBILE COMMUNICATION RADIO SET MFG. BY LINK. TRANSMITTER #1906 50 WATT USING 2/2E26 TUBES DRIVING 829 IN THE FINAL ALSO 1/7AG7, 1/7F7 & 1/7W7 TUBES. WITH 12 VOLT DYNAMOTOR POWER SUPPLY. RECEIVER #1905 SELECTIVE DOUBLE CONVERSION WITH SQUELCH CIRCUIT & 2/7A6, 7/7AG7, 1/7F7, 1/7B5 & 2/6AK5 WITH 12 VOLT VIBRATOR POWER SUPPLY. BOTH UNITS ARE CRYSTAL CONTROL PHASE MODULATED 15 KC.
 UNITS HAVE RECENTLY BEEN REMOVED FROM CARS AND HAVE TUBES, CONTROL BOXES, CABLES WITH PLUGS (THAT MAY HAVE TO BE SPLICED) ETC.
 PRICE, AS DESCRIBED \$59.50

R-316/ARR-26 RECEIVER



162.25 - 173.5 MC. FM NO COVER SUPPLIED
 DESIGNED TO RECEIVE SONOBOUY SIGNALS ON 16 PRE-SET CHANNELS. WITH TUBES 1/6J6, 2/6AL5, 1/6AS7, 1/6AU6, 1/12AU7, 1/12AV7 & 7/6AK5. NO POWER SUPPLY, REQUIRES 280 VDC @ APPROX. 125 MA. AND FILAMENT VOLTAGES. OUTPUT OF THE SET USES A 12AU7 IN A CATHODE FOLLOWER CIRCUIT WHICH IS SUFFICIENT FOR HEAD SET. (SCHEMATIC AND CONVERSION INFORMATION FOR 145-175 MC SUPPLIED WILL INCLUDE ADDITION OF AUDIO, SQUELCH AND 115 VOLT 60 CYCLE POWER SUPPLY CIRCUITS.)
 SIZE 5x8x17; WT: 13 LBS. PRICE: USED \$22.95

R-74/CRW-2 RECEIVER



HIGH FREQUENCY FOR REMOTE CONTROL USE IN THE 53-88MC BAND ON PRESELECTED CHANNEL SINGLE FIXED FREQ. COMPLETE WITH TUBES; 1/6SG7; 1/6J5; 3/6SL7; 1/6SN7 & 24 VOLT DYNAMOTOR
 SIZE: 6x8x10 WT: 13 LBS.
 PRICE: RE-NEW \$4.95

GIBSON GIRL



GIBSON GIRL TRANSMITTER ASSEMBLY 500 KC. SINGLE CHANNEL, CONSISTS OF TRANSMITTER SECTION OF THE SCR-578/BC-778 EQUIPMENT, USES 1/12SC7 & 1/12A6 TUBES. W/ GOLD PLATED VARIABLE CONDENSER 20 TO 245 MMFD. COILS, COND, RESISTOR TRANSF. SOCKETS ETC. REQUIRES 24 VOLT FOR FILAMENTS (CAN BE REWIRED FOR 12) AND 300 VDC 25 MA. FOR HIGH VOLTAGE. SCHEMATIC SUPPLIED. (CRANK GENERATOR AND GEAR TRAIN LISTED PAGE 8 SIZE: 6½x7x3; WT: 3 LBS. NO TUBES, PRICE \$2.95

S.O.S CODER WHEEL WITH GEAR TRAIN, SWITCHING ASSY. RELAY, PILOT LIGHT ASSYS. ETC. FOR ABOVE TRANSMITTER. PRICE: \$1.00

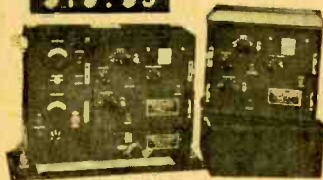


SUPER PRO RECEIVER

SUPER PRO RECEIVER SP-600 JX TUNES FREQUENCY RANGE 0.54 TO 54 MC IN SIX BANDS. AUDIO OUTPUT TWO WATTS INTO 600 OHMS. POWER REQUIRED 95-260 VOLTS, 50-60 CYC, 130 WATTS. RECEIVER CONTAINS 20 TUBES AND CAN BE RACK MOUNTED. SENSITIVITY 2.3 MICROVOLTS OR BETTER ON ALL BANDS FOR S-N TO N RATION OF 10 DB. IMAGE REJECTION BETTER THAN 74 DB ON ALL BANDS. IF REJECTION RATIO AT 600 KC IN 2700 TO 1. AVC WILL HOLD WITHIN 12 DB WHEN INPUT IS INCREASED FROM 2 TO 200,000 MICROVOLTS. ALSO HAS A CRYSTAL CONTROL OSCILLATOR IN WHICH SIX CRYSTALS CAN BE USED FOR SPOT FREQUENCY OPERATION. SIZE: 19x16x10 1/2 WT. 80 LBS. CONDITION: GOOD, GUARANTEED TO OPERATE PRICE \$349.95

BC-223 TRANSMITTER

\$19.95



BC-223 TRANSMITTER 25 WATT 2000 TO 5200KC BY USE OF 3 PLUG IN TUNING UNITS, CRYSTAL CONTROL AND VARIABLE OSCILLATOR, FOUR PRESELECTED CHANNELS, USES

FT-171 CRYSTAL HOLDERS WITH TUBES 1/801 OSCILLATOR, 1/801 POWER AMPLIFIER, 2/46 MODULATORS, 1/46 AUDIO AMPLIFIER, 2 1/2 METERS, 0-3 R.F. & 0-300 VDC MA. VOLTAGE REQUIRED 12 OR 24 VDC & 500 VDC @ 150-200 MA. SIZE: 18x13x7; WT: WITH 3 TUNING UNITS 100 LBS PRICE: W/TUBES AND 3 TUNING UNITS WITH CASES FOR 2 TUNING UNITS.. NEW \$19.95

TU-17 TUNING UNIT 2000-3000 Kc. \$3.95
 TU-18 " " 3000-4500 " 2.95
 TU-25 " " 4500-5200 " 2.95
 CS-56 CASE FOR HOUSING TUNING UNIT 1.00
 FT-173 SHOCKMOUNTING 1.95
 POWER PLUG CONNECTOR F/TRANS OR POWER 1.25
 PE-135/PE-55 DYNAMOTOR 12/24 VOLT, USED 10.95
 AC POWER SUPPLY
 KIT OF PARTS \$25.00 WIRED \$29.95

COMCO MODEL 278 TRANSMITTER-RECEIVER

225-400 MC RECEIVER-TRANSMITTER FOR 6/12/24 VOLT OPERATION. POWER OUTPUT 2-3 WATTS. UNIT IS CRYSTAL CONTROLLED (CRYSTALS NOT INCLUDED). COMPLETE WITH TUBES: 2E26, 5686, 5/6BH6, 12AX7, 2/6AQ5, 6AT6, 3/6BJ6, 6BE6, 2/6AK5, 6AK6. UNIT COMPLETE WITH TUBES, CABLES, SPEAKER, AND CONTROL BOX. SIZE: 12x11x5 1/2. WT: 35 LBS, USED \$49.95



DIVERSITY RECEIVER



DIVERSITY RECEIVING EQUIPMENT PROVIDES A MEANS FOR COMBINING THE OUTPUT OF THREE RECEIVERS TO PRODUCE A SINGLE KEYED AUDIO OUTPUT SIGNAL, FREE FROM NOISE AND OTHER UNDESIRABLE INTERFERENCE. IT IS SUITABLE FOR USE ONLY IN CW & MCW SIGNALS AND NOT VOICE. THE BAND PASS FILTER IS FOR 600 TO 1200 CYC. AND THE OUTPUT OF EACH RECEIVER IS INDICATED ON THE METERS WHICH ARE 500 MICROAMP. THE AUDIO FREQ. CONTROL CAN BE ADJUSTED FOR THE PROPER BAND PASS. INPUT AND OUTPUT IMPEDANCE IS 600 OHMS. EQUIPMENT OPERATES FROM 115/230 VOLT 50/60 CYC. AND CAN BE RACK MOUNTED. W/TUBES 1/VR-150, 1/6F8, 3/6A6, 2/6SJ7, 1/77, 1/1V, 1/80. SIZE: 21x19x14; WT: 125 LBS. PRICE: NEW WITH MANUAL \$19.95

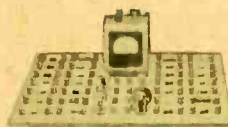


SERVO AMPLIFIER DUAL PRINTED CIRCUIT ASSY. TUBES 4/5840, 1/5814, 1/5784, 1/5896, 9 VICTOREEN RESISTORS APPROX. 25 OTHER RESISTORS, CONDENSERS ETC. SIZE: 5x3x3; WT: 2 LB. USED \$1.50

EXPERIMENTER'S POWER SUPPLY BOARD



EXPERIMENTAL POWER SUPPLY BOARD. USED IN SCHOOLS FOR DEMONSTRATIONS OR LAB. USE. 2/8 MFD CAPACITORS, RESISTORS, TUBE SOCKETS, CHOKE, AND TRANSFORMER, PRI: 115V 50-60 CYC SEC: 700VCT @ 200 MA. 5V @ 3 AMP, 6.3V @ 8AMP HUMB-SCREW TYPE TERMINALS. 12x18 16 LBS. \$9.95



METER BOARD

EXPERIMENTAL METER BOARD. UTILIZES 0-1 MA METER IN METAL CASE, 28 RESISTORS, AND THREE POTENTIOMETERS. THUMB-SCREW TYPE TERMINALS SIZE: 12x18 WT. 9 LBS. \$9.95

AIRSPPEED INDICATOR

ID-168B/APA-44 AIRSPEED INDICATOR. CONTAINS A KOLLSMAN TRUE AIRSPEED METER AND AN INDICATING DEVICE WITH A RANGE OF 84 TO 434 KNOTS. BY OPERATION OF THE TEST SWITCH THE AIRSPEED SERVO MAY BE MADE TO RUN IN DIRECTION OF INCREASING AIRSPEED, IN DIRECTION OF TRUE AIRSPEED, OR TO HOLD THE PRESENT SETTING FLEXIBLE TUBE CONNECTED TO A TEMPERATURE COMPENSATING THERMOMETER.. JOHN OSTER MOTOR # AV 240 28 VDC. TUBES 1/6AK5W. WESTERN ELECTRIC RELAY D171584. SIZE 15x7x5 1/2, WT. 19 LBS. USED \$8.95 NEW \$12.95



RT-122/APW-11 REC.-TRANS.

RT-122/APW-11 RECEIVER TRANSMITTER, THIS UNIT CONSISTS OF A TUNABLE RECEIVER VIDEO, A CRYSTAL DETECTOR, A VIDEO AMPLIFIER, DECODING CIRCUITS, A TRANSMITTER AND CIRCUITS FOR OBTAINING AUDIO FREQUENCY TONES FROM THE PULSE POSITION MODULATED SIGNALS OF THE AN/MSQ-1. THE TRANSMITTER CONTAINS CIRCUITS FOR ENCODING THE REPLY BY VARYING THE SPACING BETWEEN THE TWO REPLY PULSES. THE RECEIVER-TRANSMITTER RECEIVES INPUT PULSES TRANSMITTED AT A PULSE REPETITION FREQUENCY OF 410 CYCLES PER SECOND AND A PRESET CARRIER FREQUENCY RANGING BETWEEN 2680 AND 2920 MC. THE REPLY PULSES ARE AUTOMATICALLY TRANSMITTED AT A PRESET CARRIER FREQUENCY RANGING BETWEEN 2700 AND 2950 MC. TUBES: 11/12AT7; 2/2D21; 6AS6; 6AL5 2C40. SIZE: 13x5x6. WT. 19 LBS. PRICE: USED WITH TUBES... \$14.95 USED LESS TUBES... 5.95



C-400/APW-11 SELECTOR UNIT FOR RT-122 REC-TRANS. CONTAINS 6 RELAYS 24 VDC SPST NORM OPEN 15 9 PIN SOCKETS, 1 OCTAL, 6 FILTERS, 1 DPDT SW, RESISTORS CONDENSERS ETC. 5x6x12; 8 LBS PRICE: USED LESS TUBES \$2.95



K2401 PLUG-IN PRINTED CIRCUIT BOARD W/BILEY CRYSTAL 436 KC 6, TRANSISTORS, 12 DIODES, 436 KC & 108 KC FILTER, CONDENSERS, RESISTORS, TRANSFORMER SIZE: 9x4x1; 2LB. USED \$2.95

K2419 SIMILAR TO ABOVE UNIT W/ 7 DIODES, 2 TRANSISTOR, 19 RESISTORS, 14 CAPACITORS, 5 SMALL TRANSFORMERS, 2 FILTERS, SOCKETS ETC. SIZE: 9x4x1; 2LBS. \$1.50

BRUSH MODEL BL-905 SINGLE CHANNEL A.C. AMPLIFIER FOR USE WITH BRUSH RECORDER. SENSITIVITY: 500 UV PER CHART LINE FREQ. RESPONSE: 0.5-100 CPS WHEN USED WITH RECORDER VOLTAGE: GAIN: APPROX 2000 INPUT IMPEDANCE: 10 MEGOHMS INPUT VOLTAGE RANGE: 0.0005-300V OUTPUT IMPEDANCE: APPROX. 50 OHMS POWER REQUIRED: 105-125V 60 CPS SIZE: 14x7x6 WT. 22 LBS. \$49.95



TRANSISTOR BOARDS

THE TRANSISTOR BOARDS LISTED BELOW ARE APPROX. 4 1/2x5 1/2 AND CONTAIN THE PARTS LISTED. PRICE: EACH, \$1.95

#44485-506-11 3/6111 G.E. TUBES; 2/2N338 SWITCHING AND HIGH FREQUENCY TRANS.; 21 1/2 WATT RES.; 3/1 WATT RES.; 6/ GLASS DIODES; CAPACITORS: 3/.1 MFD @ 100 VDC; 2/.06 MFD @ 200 VDC; 3/1.5 MFD.-150 VDC TAN ALUM CAP.



#40085-401-31 2/2N498 4W. SILICON MESA PNP TRANS. 1/2N335 .15W SMALL SIGNAL TRANS. 6/ 1N540 DIODE 2.5A-400PIV; 4/ 1/2 WATT RES.; 3/ 1/2 WATT 1/2 RES.; CAPACITOR: 1/5MFD-150 VDC TANTALUM; 1/7 MFD 100VDC TANTALUM; 1/2MFD-100VDC TANTALUM; 1/.1MFD-1000 VDC; 1/.0033MFD 100VDC; 3/.1MFD-100VDC; 1/1000OHM BOURNS TRIMPOT.



#40835-401-11 2/2N498 SILICON MESA PNP-4W; 3/2N335 .15 W SMALL SIGNAL TRANS.; 6/U-922 DIODES; 1/2K BOURNS TRIMPOT; 4/ 1/2 WATT RES.; 7/ 1/2 WATT 1/2 RES.; 1/.1MFD-200 VDC CAPACITOR.



#44490-506-11 1/#6021 TUBE; 4/1N251 SILICON SIGNAL DIODE 5MA 1V.; 1/1N643 SILICON DIODE 10MA-200V.; 1/10K BOURN TRIMPO 11 1/2 WATT RES.; 2/2 WATT RES.; 1/1/2 RES CAPACITOR: .35MFD-150VDC TANTALUM 1.5MFD-150VDC TANTALUM; .0647MFD -200 VDC; .022MFD-200 VDC; 3/.01-200 VDC; .01-400 VDC; 1 TRANSFORMER



#40060-502 ELECTRONIC CONTROL AMPLIFIER 2/2N389 85WATT POWER TRANSISTOR 1/2N343 1 WATT GROWN JUNCTION 1/2N341 1 WATT GROWN JUNCTION 1/2N335 .15 WATT SMALL SIGNAL 1/2 WATT RES.; 4/ 1/2 WATT 1/2 RES. 1/2 WATT RES.; CAPACITOR: .033 MFD-200VDC; .015 MFD-100VDC; 10MFD.-10V. TANTALUM; 1MFD-100V TANTALUM; 40 MFD-15V; 1 TRANSFORMER



TRANSISTOR BOARDS 5/ \$1.00 BOARDS SIMILAR TO THOSE PICTURED. EACH PACKAGE CONTAINS 5 BOARDS WHICH HAVE DIODES TRANSISTORS, CONDENSERS, AND RESISTORS. EACH BOARD 2 5/8 BY 3 7/8. WT. 9 OZ. PRICE: 5/ \$1.00



SIGNAL GENERATOR

SIGNAL GENERATOR USED FOR TESTING THE OPERATION OF RADAR SETS IN THE BAND OF FREQUENCIES FROM 2700-2900 MEGACYCLES PER SECOND. AS A SIGNAL GENERATOR IT MEASURES OR CHECKS THE SENSITIVITY OF THE RADAR RECEIVER AS A R-F WATTMETER IT MEASURES OR CHECKS THE POWER OUTPUT OF THE RADAR TRANSMITTER. SIGNAL GENERATOR MAY BE USED AS PULSED SIGNAL GENERATOR PULSE MODULATED BY AN INTERNAL PULSE GENERATOR; AS A PULSED SIGNAL GENERATOR TRIGGERED BY AN EXTERNAL, POSITIVE-TRIGGER SOURCE; POWER MONITOR AS AN UNCALIBRATED ABSORPTION TYPE FREQUENCY METER. FOR 115V OR 230V 50-1600 CYC OPERATION. SIZE: 9x16x13 WT. 48 LBS. TS-155A/UP 2700-2900 MEGACYCLES \$49.50 TS-155C/UP 2700-3400 MEGACYCLES \$59.50



MICRO PULSER

KAY; MICRO PULSER MODEL 350A. POWER REQUIRED: 115V 60 CPS 100 WATTS PULSE WIDTH: 1, 1.2, 5 MICRO SECONDS. PULSE REPETITION RATE: 200-20,000 PPS IN TWO RANGES. PULSE AMP. MAX 50V POS. OR NEG. RISE AND DECAY TIME: LESS THAN 0.15 MICROSECONDS PULSE ATTEN: VAR. 0 TO MAX. SYNC: OUTPUT POS. OR NEG. MAY BE SYNCHRONIZED BY POS. OR NEG. EXTERNAL TRIGGER. WT. 50 LBS \$99.50



RELAY

RELAY 24 VDC SPDT
1 1/2 x 1 1/2 x 1 1/2
#CWS 571981 \$.35

TELEPHONE TYPE

RELAY 4PST NORMALLY OFF 12 VDC GR204-BC-966A 1 1/2 x 1 1/2 x 3/4
3380-557180-7435 \$1.00

RELAY 12 VDC MAKE 2, BREAK 1 2 SEPARATE WINDINGS. 3/4 x 1 1/2 x 1 1/2
4C8691-128 \$.75

RELAY 12 VDC, 2 BREAK, 2 MAKE 3/4 x 1 1/2 x 1 1/2 #4C8691-67 \$1.00

RELAY CONT. ARRANGEMENT IC/IC RATED AT 50 VDC 1/2 AMP. RES. 1000 OHMS. FAST ACTING 4PDT 5x1x2 #4C8400-10 \$.50

RELAY CONT. ARRANGEMENT IC/IC /IC, 50 VDC 1/2 AMP. RES. 500 OHMS. SLOW RELEASING, 6PDT 5x1x1 #4C8400-79 \$.50

RELAY CONT ARRANGEMENT 2E/1E/IC. 115 VAC 60 CYC FAST ACT BREAK 7: MAKE 4, 4x2x1 1/2
227593-41 \$1.50

RELAY 6V DPDT 1 1/2 x 1 1/2 x 1 1/2
41F 500S-S1L \$.50

RELAY 12 VDC, 67 OHMS DPDT NORMALLY OPEN. REMOVED FROM EQUIPMENT. 2x3x1 1/2
SW-182-F \$.50

PLATE RELAY 10,000 OHMS. CONTACTS 115 VAC @ 5 AMPS
1 1/2 x 1 1/2 x 1 1/2 #R13P-3189 \$1.50

RELAY B-2A, 24 VDC 1 1/2 x 1 1/2 x 3/4
691R2 \$.50

SOLENOID 115V 60 CYC CONTINUOUS DUTY. 1 INCH DRAW.
1 1/2 x 2 1/2 x 1 1/2
#R17LA-39663 \$1.95

SEALED RELAY TWO COILS EACH WITH DPDT. COILS NOT OPERABLE SIMULTANEOUSLY. ONE COIL IS CONTROLLED BY THE CONTACTS OF THE OTHER. OPERATED FROM 12 VDC. 2 1/2 x 2 1/2 x 1 1/2
57175 \$1.00

INTERVAL TIMER ASSEMBLY RELAY TIME DELAY 5 MIN. RESET DELAY 100 SEC. MOTOR VOLTAGE 120V 400 CPS CLUTCH VOLTAGE 28 VDC. ALL IED CONTROL UNIT; 115V 400 CPS, CONT. 2A-29VDC AND 24V 4PDT RELAY. 5LBS.
#SS 19180 \$2.95

CRAMER TIME DELAY RELAY METER INDICATOR TYPE, SHOWS IF UNIT IS ON OR OFF. SIZE 3x3x3
#59C48746 2 SEC. \$4.95
#59K48748 20 " 4.95
#59K48747 2 MIN. 4.95
#59K48805 SAME AS ABOVE ONLY 3 1/2" RD. 3 MIN. \$4.95

SILICON

RECTIFIER

POWER TESTED AT 1 MA MAX. LEAKAGE

1 AMP (TOP HAT)	
50-200 PIV \$.10
200-400 "	.15
400-600 "	.25
600-800 "	.35
800- "	.45
1000 "	.55

5 AMP (STUD)	
200-400 PIV	.50
400-600 "	.60
700 "	.70
800 "	.85
1000 "	1.75

IN1347 6 AMP. 500 PVI (GOLD) 1.50

35 AMP (STUD)	
50 V	.75
100 V	1.00
200 V	1.50
300 V	2.00
400 V	2.25
500 V	2.50
600 V	3.00
900 V	4.00

240 AMP 50 V 6.00

SR-151 100 PIV 15 A 1.95

2N722 1.00

RHEOSTAT

OTHER VALUES IN STOCK WRITE FOR YOUR NEEDS

STK #	WATTS	OHMS	PRICE
1050-PL	25	.25	\$.50
30993	25	50	.50
750KK	25	75	.50
13990"	25	100	.50
201KK	25	200	.50
299DC	25	200	.50
25250	25	250	.50
50853-1	25	250	.50
13990-L29"	25	1000	.50
152KK	25	1500	.50
502JJ."	25	5000	.50

4582	50	6	.60
41132	50	7.5	.75
353-5049	50	8	.75
8ROKK"	50	8	.60
15822	50	17	.75
5020	50	20	.75
5895(DUAL)	50	20	1.50
489485	50	25	.75
32229	50	60	.75
3155-50-1	50	150	.75
251KK	50	250	.75
3836	50	250	.75
8852-LB	50	3000	.75
802KK	50	8000	.75

2ROKK	100	2	1.50
3ROKK	100	3	1.50
6416	100	6	1.50
695692-1	100	10	1.50
120KK	100	12	1.50
2469U	100	1100	1.50

1025 150 .25 2.95
1050 150 .50 2.95
697242-3 150 25 2.95
154 150 25 2.95
1075 150 75 2.95
563501 150 125 2.95
351KK 150 350 2.95
235944 150 400 2.95
PLEASE LIST SECOND CHOICE
RHEOSTAT IN DUST-PROOF CAN
SCREW DRIVER ADJUSTMENT

RECTIFIERS



150 VOLTS 40 AMPS WITH RADIATORS
SIZE: 2 x 1
#N5089-C \$5.95

COPPER OXIDE RECTIFIER
INPUT 36 VAC 50/60 CYCLE;
OUTPUT, 12.6 VDC 5 AMPS.
SIZE: 2 1/2 x 2 1/2 x 10, WT:
3TK#3H4845 P/O RA-62/522
PRICE: \$7.95

SELENIUM RECTIFIER; INPUT 54 VAC OUTPUT 27.5 VDC AT 50 AMPS. HALF WAVE.
SIZE: 18x5x6; WT: 10 LBS.
#TK#3H4860-435 \$12.95

SELENIUM RECTIFIER; FULL WAVE BRIDGE, RESISTIVE IND. 18V. IN 14V. OUT 2 A. \$2.10
18V. IN 14V. OUT 4 A. 3.60
-NEW MANUFACTURE-

SELENIUM RECTIFIER; FULL WAVE BRIDGE, RESISTIVE IND. 36V. IN 28V. OUT 2 A. \$3.00
36V. IN 28V. OUT 4 A. 7.50
-NEW MANUFACTURE-

SELENIUM RECTIFIER; INPUT 28 VAC 60 CYCLE; OUTPUT 24 VDC 1.5 AMP., ROUND TYPE
SIZE: 4x3 WT: 12 OZ. #RM313
PRICE: \$2.95

SELENIUM RECTIFIER; INPUT 33 VAC 60 CYCLE, OUTPUT 24 VDC AMP. SIZE: 1x3 1/2
STK#3H4859-12 F/TRC-1
PRICE: \$.79

SILICON RECTIFIER STACK 2 106 AMP VOLT MOUNTED.
SIZE 5 1/2 x 3 x 6 1/2
WT 4 LBS
GE# 4JA6011AC1A1
\$6.95

CIRCUIT BREAKER



115 VOLT 60 CYC
3H900-1.5 1 1/2 AMP \$1.50
3H900-1.25 1 1/4 " 1.00
62349M6 3 POLE 1 1/2 " 2.50
3H900-3-2 3 " 1.00
3H900-4.7 4.7 " .50
P-0111 12 " 1.50

SK3375 DUAL 120-240 VOLTS 30 AMPS. \$1.00

24-30 VOLTS
3H913-5 5 AMPS \$.50
8751K4 10 " .50
AN1513F35* 35 " .75
AN 3160-50L* 50 " .75
* LUMINOUS TIP

AIRCRAFT TYPE CIRCUIT BREAKER
5 AMP AN 3161-P5 \$0.50
10 " AN 3161-P10 .75
15 " AN 3161-P15 .75

METAL STAND W/RUBBER FEET
BASE 8x11x13
LEGS 13x13x16
2 1/2" HIGH.
ORIGINALLY USED AS RECORD HOLDER STAND, CAN BE USED AS BOOK, FLOWER, TV, RADIO OR WHATEVER YOU CAN USE IT FOR. WT: 4LB. 75¢

SWIVEL BASE AS USED ON THE BOTTOM OF TV SETS, 5" SQUARE, HAS 2 TURN STOP THAT CAN BE REMOVED FOR 360 DEG. ROTATION. 2LBS. 75¢

RECTIFIER 300 VOLTS 40 AMPS WITH RADIATORS. SIZE: 2x1 SAME AS TYPE #N5089-C
STK# 9380 \$6.95

APPROACH LIGHT GRIMES#NAF1024-2 24 V, SPLIT GREEN & AMBER LENS & CLEAR 3x3x4 1/2; 1 LB. \$.75

TERMINAL BOARD PART OF BD-96 SWITCHBOARD. 10 HEAVY DUTY BLACK BINDING POSTS, SCREW TYPE & 90 SLOTTED HEAD BRASS BINDING POSTS ON BOARD 19 1/2 x 5 1/2 x 2 WT. 8 LBS. \$1.95

TERMINAL BOARD P/O BD-71 SWITCHBOARD. 15 BRASS SCREW TYPE BINDING POSTS ON INCU LATING BOARD 3 1/2 x 16 3 LBS. \$1.50

KEY AND PLUG PL-55 KEY OF STEEL CONSTRUCTION WITH BRASS CONTACTS. MANUF. BY WESTLUX. 48" CORD WITH PL-55. ZA/CAN 2320 \$1.95

CJB 260036 NAVY KEY WITH FIVE FT. CORD AND PL-55 SIZE 2 1/2 x 2 1/2 x 5 1/2 NEW \$2.50

RADIOSONDE

RT-35/AM UNIT IS USED TO FOLLOW A WEATHER BALLOON BY TRANSMITTING A SIGNAL ON 675-725 MC WHICH IS PICKED UP BY RADAR. 90 VOLTS PLATE AND 1 1/2 VOLTS FILAMENT REQUIRED. WITH TUBES; 2C35, 4/1L4, SCHEMATIC AND INSTRUCTIONS. LESS BATTERY NOT AVAILABLE.
3 1/2 x 4 1/2 x 10; WT. 5 LBS \$4.95

TS-446 R.F. INDICATOR, NEON BULB IN LICITE PROBE 1/25 WATT NE-2 BULB, 4 1/2 x 1 1/2 W/CLIP
PRICE: \$1.00

SG-23/U NOISE GENERATOR PROBE. OPERATES FROM PEN LIGHT CELL. 6 1/2 x 2 1/2 \$1.95

GENERAL ELECTRIC EIGHT INCH FAN AND MOTOR. COMPLETE ASSEMBLY INCLUDING BRACKET. MOTOR IS 115V 60 CYC 1550 RPM. WT. 5 LBS. 5x8x10 NEW \$2.95

DUAL EXHAUST FANS; FOR 19" RACK MOUNTING, 110 V CAPACITOR TYPE MOTOR 6 1/2" BLADES, 3250 RPM MOTORS MOVE PLENTY AIR : 12 LBS. USED \$14.95

SINGLE BAND BEAM BALUN INPUT 75 OHM UNBALANCED. OUTPUT 100 OHM BALANCED. UNIT FOR 10 METERS ONLY. WEATHER PROOF. 3 1/2 x 3 1/2 x 4 WT. 5 LBS. PRICE NEW \$2.50

ANTENNA SWITCHING UNIT SA-649/USD CONTINUOUS SWITCHING OF TWO ANTENNAS TO A RECEIVER AT 600 CPS USED TO REDUCE FADING OF SIGNAL UNIT REQUIRES 26.5VDC. TUBES INCLUDED 2/68C4; 2/JG-6111 SIZE: 3 1/2 x 3 1/2 x 5 1/2 WT. 2LBS. PRICE: \$3.95

ANTENNA RELAY UNIT RE-2/ARC-5 WITH 2 1/2" ANTENNA CURRENT INDICATOR 0-10. ALSO ANTENNA SWITCHING RELAY AND 30 MAF VACUUM CAPACITOR 5 AMPS. 5 LBS. 3 1/2 x 4 1/2 x 6 PRICE RECOND. WITH CAP \$4.95

COAXIAL RELAY THREE SC-239 COAX CONNECTORS. WIRED FOR 24VDC HAS TAPPED COIL FOR CHANGING TO 12VDC SIZE: 3x3x2 WT 1LB RE-13/ARC-8 PRICE: \$4.95

ARC-12 ANTENNA CHANGE OVER RELAY BNC CONNECTORS FOR EQUIP. UG-23-UG-21 F/ANT. REGULAP & AUX ANT. CONN. 24 VDC RELAY. W/BNC CABLES. \$2.75
UG-21 ANTENNA CONN. \$.75

WAVEGUIDE SWITCH AIRTRON #70960, 24-29.5 VOLT DC, 1NSI WAVEGUIDE 1/8x3/8, 1-5/8 FLG. 2 INPUT 1 OUTPUT. 5 1/2 x 5 1/2 x 5. \$9.95

BC-198 ANTENNA 12V SWITCHING RELAY FOR RECEIVER TO TRANS. PUSH BINDING POSTS, PL-77 PLUG. 5x5x1 1/2; 1LB. \$1.95

ANTENNA CHANGE-OVER S.P.D.T FOR COAXIAL CABLE 28 VDC ROTARY ACTUATOR WAFER, LOW-LOSS HIGH-POWER. GENERAL COMM #2N180C-1 NEW \$3.95

SIZE: 4 1/2 x 3 1/2 x 2 1/2; WT: 1LB. TYPE "LN" CONN. CUT-OFFS 50¢ AN CONN. 7 CONTACT \$1.00

COAXIAL SWITCH S.P.D.T. FOR COAXIAL CABLE 28 VDC ROTARY ACTUARY WAFER. USES TYPE "N" CONNECTOR. SA-185/U \$5.95

TYPE "N" CONNECTOR CUT-OFF \$.50 CONNECTOR 3 CONTACT \$1.00

ANTENNA CHANGE-OVER RELAY. ANTENNA INPUT CONN. TO UG-21. OUTPUT TO RECEIVER-TRANS. 2/UG-88. 24 VDC. #409-1005-00 NEW \$3.95

UTILITY BLOWERS

THE BLOWERS LISTED BELOW ARE STANDARD SHADED POLE TYPE AND ARE QUITE RUNNING WITH NO RADIO INTERFERENCE.

50 & 100 CFM BLOWERS

For Heat Boosters, Dryers, Exhausters, Drafts
You can't buy a better blower for forced drafts for warm air heating systems, heat boosters, exhausters, dryers, etc. Lowest priced, best made blowers of their kind.

No. IC939F \$8.95
No. IC680F \$12.95
No. IC2721F \$10.95

Single and twin types, 50 and 100 CFM respectively. Sturdy 3" dia. blower wheels are direct-driven by 115V, 60 Cy., quiet running Dayton motors. Steel housings are rubber mounted, 2 1/2" discharge. Outlet velocity is 2030 ft./min. 9" wire leads. Black finish. Shpg. wts. 5 and 6 lbs.

340 CFM TWIN BLOWER

For Hot & Cold Air Circulation, Exhaust, Etc.
Blower. Ideal for air circulation, forced draft, and exhausting jobs requiring more air than possible with single blower. Efficient, dependable and quiet. 4 1/2" dia. balanced wheels powered by 150 RPM, 115V, 60 Cy. motor with 12" leads. Rubber mounted pressed steel housings with 3/4"x3" outlets. Each outlet has 4 3/4" square flange to facilitate mounting. Outlet velocity is 1960 ft./min. 4 1/2" dia. air intakes. 1 1/4" x 8 3/4" H x 8 3/4" D. Black baked-on enamel. You'll like this blower's performance and the way it is built. Wt. 12 lbs.

15 CFM BLOWER No. 12782F \$8.75
100 CFM BLOWER No. 12784F \$10.95

2C781 100 CFM 115 VOLT 60 CYCLE INTAKE 3/4" OULET 2-1/8" FL 4-1/8" SIZE 5-13/16" x 6-3/4" x 6-5/16" SHPG. WT. 5 LBS. PRICE: \$10.95

2C782 15 CFM 115 VOLT 60 CYCLE INTAKE 2-7/8" OULET 1 1/2" FLG 2 1/2" SIZE 3-13/16" x 4" x 3-7/8" SHPG. WT. 2 1/2 LBS. PRICE: \$8.75

108 CFM 'PANCAKE' BLOWER

Compact—Motor is Inside Blower Wheel
Dayton "pancake" moves 108 CFM where in installation space is limited. Only 4 1/2" wide because motor has been built inside blower wheel. Fits into 4 1/2" x 8 3/4" H x 8 3/4" space. Discharge 3 3/4" x 3 1/2" outlet velocity is 1930 ft./min. 4 1/2" dia. squirrel cage blower wheel and air intake. Steel, rubber mounted housing with baked on black enamel finish. 1550 RPM, 115V, 60 Cy. motor with 12" leads. Shpg. wt. 6 lbs.

140 CFM UTILITY BLOWER

For Exhausting, Forced Draft, Cooling, Etc.
Delivers blasts of air \$11.95
Compact, 140 CFM single-inlet blower. Top performance for forced draft, ventilating, exhausting, cooling and drying applications. 5 1/2" x 4" mounting flange with 2 1/2" square discharge. Outlet velocity is 3250 ft./min. 3 1/2" dia. blower wheel direct-driven by 2800 RPM, 1/15 HP, 115V, 60 Cy. motor with conduit box and 20" leads. 7 1/2" x 7 1/4" H (less flange) x 8 3/4" D. Order sample and test best 140 CFM utility blower. Wt. 9 lbs.

350 CFM DAYTON BLOWER

4 1/2" Wheel, 1/10 HP, 115 V, 60 Cy. Motor
2C841F \$22.75
Designed for applications that require more air than average shaded pole blower provides. Ideal for many exhaust, heating, cooling, drying, circulating, etc. applications. 350 CFM at 0° SP, 2500 ft./min. outlet velocity. In free air. 8 1/4" x 2 1/2" W. blower wheel direct-driven by 1/10 HP, 1500 RPM, 115V, 60 Cy. motor. 1 1/2" dia. 7/16" amp. 12" No. 18 wire lead. Precision steel housing with 2 1/2" x 2 1/2" x 1/2" discharge. 3 1/2" dia. intake 1 1/4" H x 7 3/4" W. D. Baked black finish. Shpg. wt. 13 lbs.

MINE DETECTOR

SCR-625 Famous ARMY MINE-DETECTOR
USED CHECKED LEASE BATTERIES \$27.95



\$32.95 WITH BATTERIES... BATTERIES ONLY \$5.95
USED TO DETECT HIDDEN METAL OBJECTS IN THE GROUND OR OTHERWISE HIDDEN UP TO 24 INCHES DEEP DEPENDING ON THE SIZE AND GROUND CONDITIONS. DETECTION IS NOTED BY A TONE SIGNAL THAT IS FED INTO THE HEAD SET OR SPEAKER UNIT THAT ARE SUPPLIED WITH THE SET SHIPPED IN CARRING CASE WITH INSTRUCTIONS. 75 LBS

CRY BUTTONS REFLECTORS, CAN BE USED TO MAKE SIGNS OR MARKERS. SHINE WHEN LIGHT STRIKES 1/2" DIA. REQUIRES #10 NUT FOR MTG. NC#15-1. CARD OF 100 \$2.00

FLASHER SUNBEAM#1567 115 VOLT 60 CY. 1/2 MINUTE ON 1/2 MINUTE OFF. 2 OUTPUT RECEPTACLES, LINE CORD, SWITCH, MOTOR ETC. 4 1/2"x4 1/2"x3; WT: 3LBS. \$1.75

SWITCH HEAVY DUTY 8 CONTACT WITH 6 DIFFERENT COMBINATIONS OF MAKE & BREAK. S#40373, SIZE: 3x4x6; 4 LBS. \$1.50

KNIFE SWITCH D.P.D.T. 1 1/2"x2-5/8" LEVITON 9919 PORCELAIN BASE. \$39 EA. 3 FOR \$1.00

POTENTIOMETER PRECISION TYPE, WIRE WOUND, 2 BEC 10,000 OHMS EACH 6 W. 3 SOLDER LUGS EA. SEC. SIZE 3x5 1/2. WT: 1LB. STK#227284-29 \$3.75

TELEPHONE SIGNAL DROP STRIP AN INCOMING CALL IS INDICATED BY THE FALLING OF A SIGNAL DROP. 6 1/4"x4 1/2" x 5 LB. FTR 711-A \$4.95

RF TUNER CAVITY TUNING 99C-1040 MC. FREQUENCY RANGE. ONE SOLDER EYELET TERMINAL AND 1 COAXIAL CONNECTOR. 8 1/2"x2 1/2"x3 1/2" WT. 6LBS \$3.95

CENTRIFUGAL BLOWER 120 CFM FROM 3400 R.P.M. 115V 60 CYC. CAPACITOR TYPE MOTOR WHICH REQUIRES 4MFD CAP. WT. 9 LBS. SIZE: 9 1/2"x5 1/2"x6 1/2" \$10.95

ELECTRIC LOCK CONTROL SWITCH HEAVY DUTY TWO POLE SWITCH CONTROLLED BY YALE LOCK. 4 1/2"x4 1/2"x3 1/2; 3 LB. #B986 \$3.95
MATCHING LOCKSET FOR ABOVE #B-857 \$1.95 WT: 1 LB. \$2.25 P/O RA-60 POWER SUPPLY

PPI RADAR SYNCHRONIZER OFFSET CHASSIS IS ASSY WITH TUBES 2/6AT6 1/6100, 1/6096, 1/6101, CERAMIC SOCKETS, 5 TEST PIN JAC PRECISION RES., COND, TRANS. SIZE 7 1/2"x5x3; 4 LBS. \$1.50 STK. No. 1013 \$1.50

MX-303A MAGAZINE FOR WIRE RECORDERS ANQ-1A, VRW-1 ETC. W/WIRE ON SPOOLS, MAGNETIZING HEAD, TIMERS, SWITCHES ETC. SIZE: 8x4 1/2"x3; 5 LBS. RE-NEW \$1.95

ELECTRICAL CIRCUIT TESTER: PLASTIC UNIT CONTAINING 3 ROWS OF LIGHT BULBS 3 IN EACH ROW, WITH PLASTIC WINDOWS ON BOTH SIDES, 2, 4, 6 ONE SIDE 1, 3, 5 OTHER, SEPARATE LEADS FOR EACH ROW, CABLE 3 1/2" LG. WITH ALLIGATOR CLIP SIZE 7x3x1; WT: 1 LB. BAYNET TYPE BULBS 24 V. MX-241/ PRICE: \$3.75

CONTROL PANEL W/ SPST TOGGLE SWITCH MIC. JACK, INDICATOR & 6' 8 COND. CABLE. AVT-15CB \$1.50

BC-610 OSCILLATOR PLUG IN UNITS FOR 500 WATT TRANSMITTER WILL MAKE A GOOD FOUNDATION FOR A 25-40 WATT TRANSMITTER CONTAINS VAR. CAPACITORS, COILS KNOBS, CRYSTAL SOCK. SWITCH ETC. (ALL UNITS ARE USED AND HAVE CRACKED INSULATION ON THE PLUG IN PIN TU# FREQ. MC. TU# FREQ. MC. 47 2.0-2.5 48 2.5-3.0 49 3.2-4.0 50 4.0-5.0 51 5.0-6.3 53 8.0-12.0 62 1.0-1.5 SIZE: 2x8 1/2"x4 1/2; 2 1/2 LBS. \$1.75

COILS PLUG IN AIR TYPE 5 BANANA PINS. 3 1/2"x4 1/2; 1 LB. \$1.95

For BC-610 C-# FREQ. MC. 389 4.5-5.7 447 8.0-11.5 448 11.0-14. 455 1.0-1.5 For T-4/FRC C-14 7.1-9. C-2 5.1-7.1

COMMAND RECEIVER VARIABLE 3 TO 6 MC. 3 GANG WITH TRIMMERS & DIAL ASSY. 147 MMF. # 4601 4x3x3; WT: 1 LB. \$1.95

ALLIGATOR CLIP WITH SCREW CABLE HOLDER & PINCH SPIKE AT JAWS. 2 INCHES LONG. 6 FOR \$5.0

GLOBE INDUSTRIES TYPE A PHOTO-CELL ASSY. BATT. OPERATED. W/ 921 PHOTO-CELL TUBE & 154, SENSITIVITY ADJUSTMENT, RELAY, SWITCH, OUTLET ETC. SIZE: 3x4x5; WT: 2 LBS. PRICE: USED \$2.50

IMMERSION HEATER 24 VOLT AC/DC, 50 WATTS 2 GAL- LON, 3" PRESS CAP. 4 1/2" SCREW CONE, 5 FT. CORD. HEATING SHAFT 12". WT: 4 LB LFC#E8801. PRICE: \$1.50

PHOTO-CELL LIGHT RESISTANCE TYPE 1000 OHM, 1/2" SQUARE. #5169A USED \$1.00

METSNER COIL KIT FOR SIGNAL SHIFTERS. PLUG-IN TYPES, 3 COIL OSC. PLATE, OSC. GRID & BUFFER COILS. EACH SET OF 3 \$1.00 ALL 3 SETS... 2.50 A-18-2951 2040 TO 2410 KC. 3C368-14 1000 TO 1170 KC. 3C250-17 40 METER BAND.

ARGUS AUTOMATIC TIMER No. 586 12 STOPS, 5-60 SECONDS, AUTOMATIC HOLD OR. REJECT ON ANY PRE-SELECTED STOP. MADE FOR SLIDE PROJECTORS CAN BE ADAPTED TO OTHER USES. 2 1/2"x3x2 1/2; 2 LB \$2.95

MASTER OSCILLATOR TUNING CAPACITOR FOR COMMAND TRANS. SINGLE ENDED SHAFT AND WORM GEAR DRIVE 32 PLATES STK# 2C6397A/C6 PT#C-63/5032 4x2 1/2"x2 1/2 \$1.50

BC-221 FREQUENCY METER OSCILLATOR TUNING CAPACITOR 11.5-160 F. PYREX GLASS INSULATORS. DRIVEN THROUGH 360 BY WORM GEAR. WITH DIAL. 3x3 1/2"x5 1/2 LBS. \$4.95

T-67/ARC-3 C129 POWER AMPLIFIER PLATE TUNING 4-17 MMF, 2500 V .0243 AIR GAP. SHAFT 13/16 x .31; 1/7/8x2 1/2 \$1.50

BC-624/522 RECEIVER, 3 GANG 6-36 MMF EACH SECTION WITH SLUG TUNED TRIM. SHAFTS 5/16 STK#309036V SIZE 4 1/2"x2x3 1/2; 1 LB. \$1.50

351-1013 3.5 TO 27 MMF, 13 PLATE SIZE 1-5/8x1-5/8 x1-5/16, SHAFT 1 1/2x3/16, \$3.75 \$1.75

TCS VARIABLE CAPACITOR 2 SECTIONS 10-280 MMF 1 SECTION 10-360 MMF, 4" 3 BAND DIAL CALIBRATED 1.5-3 MC 3-6 MC & 6-12 MC. WITH GEAR ASSY & LOCK. SIZE 7x3x3 1/2; WT: 5 LBS. #W-881 PRICE: NEW \$3.95

CAPACITORS

VARIABLE CAPACITOR 5 SECTION 20-402 MMF EA. SECTION. WITH GEAR TR. AND SPLINED SHAFT, STRAIGHT SIZE: 9 1/2"x4x3; 4 LBS. #C-ARN-6 \$3.95

BC-348 C&S VARIABLE CAPACITOR, 4 SECTION 16 TO 241 MMF, WITH GEAR & COMP. 6 1/2"x2 1/2"x3 1/2; 2 1/2 LBS. #3D9016V-1 PRICE: \$1.50

BUD 40 METER TRANSMITTING COIL MOUNTED ON 5 PIN CERAMIC BASE, 18 TURNS 1 1/2" DIA. #3C804 \$3.75

BC-924 TRANSMITTER COIL SLUG TUNED COIL 27 TO 38 MC. WITH ADJUSTING DIAL & TUNING SCALE MOUNTED ON CAST BASE. SIZE 8x1 1/2"x1 1/2, 1 LB. PRICE: 1.00

HAMMAR-LUND MFG #F1-475 PRICE: \$7.95

TRANSMITTER VARIABLE CAP. 42 TO 420 MFD. 3200 VOLTS. 52 PLATES, 3/32 SPACING. SIZE 8 1/2"x2 1/2"x4 3 LBS.

TRANSMITTER VARIABLE CAP. 42-420 MFD. 2000 VDC, 40 PLATES 1/16 SPACING. SIZE: 6x2 1/2"x4 1/2; 2 1/2 LB. GE#7765659-P1 PRICE: \$5.95

20 TO 156 MMF 31 PLATES; SIZE 4x2x3, SHAFT 1/2 x 3/8 GE#T7660443-6 PRICE: \$1.95

22 TO 118 MMF 31 PLATES; SIZE: 4 1/2"x2x3, SHAFT 1/2 x 3/8 GE#7463006-1 PRICE: \$1.95

6 TO 146 MMF 37 PLATES; SIZE: 1-5/16 x 15/16x1 1/2; SHAFT 7/32x7/8 #309140V-7 PRICE: \$3.69

50 MMF VARIABLE 7 PLATE 1/2" SHAFT, MTG. BRK. #351-1037 \$3.79

PA TUNING CAPACITOR FOR COMMAND TRANSMITTERS WITH GEAR TRAIN & DOUBLE END SHFT SIZE 4x2 1/2"x3. STK#2C6397A/C8 PT#C-65/7321 PRICE: \$1.50

VARIABLE CAPACITOR 7 SECTIONS 1/80, 4/100 & 2/200, DRUM DIAL. 1 1/2"x1 1/2"x3; 5 LBS. #CA-325/BC-223 \$2.95

BC-624 R.F. TUNER ASSY. AM WITH VARIABLE CONDENSERS, COILS, SOCKETS OSCILLATOR SECTION COUPLINGS ETC. FREQ. 100 TO 156 MC. SIZE: 5x5x5; WT: 8 LBS. #27K1150 USED \$3.95

MINIMUM ORDER \$3.00

WAVE GUIDES

STRAIGHT COUPLING WG 3/8x7/8 FL. 1-5/8x1-5/8 LENGTH 1" GOLO FLASHED #13878 BR. \$4.50

UG-138/W STR. COUP. WG. 3/8x1, FL. 1-7/8x1-7/8 LENGTH 2" CAST ALLOY #24810 \$3.50

WAVELINE 90 DEG. 2 1/2" WG. 3/8x7/8, FL. 1-5/8x1-5/8, BR. SILVER PL. TYPE 632 \$4.50

FLEXIBLE 90 DEG. 2 1/2" COUPLING WG 3/8 x 1-1/8 TO 3/8 x 7/8, FL. 1-7/8x17/8 & 1-5/8x1-5/8, BRASS RUB. COV. SILVER PL. #34845 \$3.50

FLEXIBLE WAVEGUIDE X BAND 7000-10,000 MC FL 1-5/8x1-5/8 WG 3/8x7/8 18" #CBHF30615 \$3.00

SAME AS ABOVE 24" LG. 5" OFFSET " 30976 2.75
" " " 96" LG. STRAIGHT 34174 8.00
FLANGE 3 1/2" RD. WG 1 1/2x2 7 FT. NST. 39739 7.50
(ABOVE WG LARGE APPROX 4000MC)

FLANGE 1 1/2x1 1/2; WG 2x1 1/2 LG S SNAPE16-0011 2.25



APS-4 RADAR ANTENNA 3 CM P/O APS-4 RADAR SET, REFLECTOR SIZE 13x15, WAVE GUIDE 1/2x1-1/8, OPERATES FROM 24 VDC MOTOR FOR SCANNING AZIMUTH, ALSO POSITION TRANSMITTER. WT; 26 LBS. USED \$14.95

RADIATING STUB FOR PARABOLIC ANTENNA 11 1/2" LONG FOR WAVE GUIDE 3/8x7/8. #7628350 PRICE: USED \$4.95

SYNCHRO GENERATOR GEAR TRAIN WITH 2 SPERRY SYNCHRO GENERATOR #R5663642 CONNECTED TO GEAR TRAIN ARRANGEMENT OF APP. 25 GEARS & BEARINGS OF VARIOUS SIZES, 4 MICRO-SWITCHES ETC. #703573/83; SIZE: 9x8x5; WT: 7 LBS. \$5.95



1-196 SIGNAL GENERATOR 160 TO 220 MC USED TO CHECK LF & HF BANDS OF IFF SETS. DRY BATTERY OPERATION USES ONE 957 ACORN TUBE VARIABLE FREQ. & TONE CONTROL, PILOT LIGHT, ON/OFF SW. ETC. HOUSED IN WOOD CASE WITH CANVAS COVER. SIZE: 8 1/2x8 1/2x14; WT: 10 LBS. REQUIRES 1.5 & 135 VDC. NEW \$2.95

READOUT BOARD



READOUT BOARD, USES 30 110 VOLT NEON BULBS WITH 3/16" DISPLAY EACH ONE NUMBERED, SLIDE TYPE CONNECTORS & 30 RESISTORS MOUNTED ON BOARD 5 X 11 INCHES. WT: 1 LB. PRICE: \$1.95 EA. 3 FOR \$5.00



10-169/APN-12 RADAR OSCILLOSCOPE USED WITH VARIOUS TYPES OF RADAR IDENTIFICATION SETS FOR INDICATING INCOMING SIGNALS. (CAN BE CONVERTED TO MONITORING OR TEST USE) HAS VERTICAL, HORIZONTAL, FOCUS, SWEEP & INTENSITY CONTROL ANTENNA SWITCHING MOTOR OPERATES FROM 24 VDC AND REQUIRES UG-88 CONNECTORS WITH TUBES 5/12AU7, 3/5726, 1/6AS6, 1/6AG5, 1/6X4 & 1/3JPI. OPERATES FROM 115 VOLT 400 CYCLE (NOT 60 CYCLE) SIZE: 9x9x16; WT: 30 LBS. USED \$9.95



PPI RANGE INDICATOR FOR T-9 TRACKER RADAR SET AN/GPG-1. OPERATES FROM 115 VOLT 60 CYCLE WITH TUBES, 13/6J6, 2/12AH7, 1/6AG 5, 1/6AR6, 1/6AG7, 2/6C 4, 1/12AU7, 1/3DPI, 1/5ADP7 & 2/3829 ALL FOCUSING CONTROLS ON FRONT PANEL, CHASSIS ONLY, NO COVER. SIZE: 13x11x24; WT: 80 LBS. PRICE: REMOVED FROM EQUIPMENT \$24.95

RADAR FREQUENCY AMP.



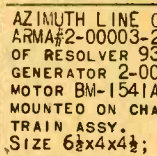
R-9 RADAR FREQUENCY AMP. USED TO INCREASE OUTPUT OF TEST EQUIPMENT IN 2750-2950 MC RANGE. POWER APPROX. 6 WATTS FROM 2C40 TUBE. CONTROLS FOR POWER AND FREQUENCY. COMPLETE WITH TUBES 2C40; 6AN5; 5687; 12AT7; 2X2; 2/0A2; 0B2; 2/5Y3; 6RQ6; SIZE: 10 1/2x17 1/2x20. WT. 43 LBS. PRICE: \$19.95



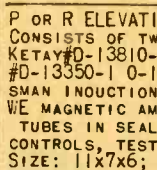
GYRO INTEGRATING HIG UNIT MFG. BY HUGHES AIRCRAFT PART NO. 420 -57-0013, CONTROL RATE OF TURN. SIZE 2 1/2x5 1/2; WT: 3 LBS. USED \$4.95



DEFLECTION PREDICTION SERVO ARMA #93600. CONSISTS OF FOUR RESOLVERS #93170, PRECISION POT. CONTROL MOUNTED ON GEAR TRAIN ASSY WITH INDICATOR OIAL SIZE: 6 1/2x3 1/2x4; WT: 4 LBS. PRICE: USED \$4.95



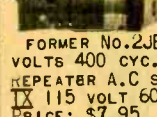
AZIMUTH LINE OF SIGHT SERVO ARMA #2-00003-239. CONSISTS OF RESOLVER 93170, INDUCTION GENERATOR 2-00003-903, SERVO MOTOR BM-1541A, PRECISION POT. MOUNTED ON CHASSIS WITH GEAR TRAIN ASSY. SIZE 6 1/2x4x4 1/2; WT: 5 LBS. \$4.95



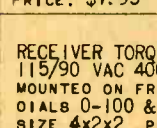
P OR R ELEVATION COMPUTER ASSY; CONSISTS OF TWO SYNCHRO RESOLVER, KETAY #D-13810-1 0-100V 350 CPS, #D-13350-1 0-10 V. 400 CPS, KOLL-SMAN INDUCTION MOTOR #1515J-0430, WE MAGNETIC AMP. GA-52140, FOUR TUBES IN SEALED CIRCUITRY, A&B CONTROLS, TEST JACKS ETC. STK. # 15264 SIZE: 11x7x6; WT: 12 LBS. PRICE: USED \$6.95



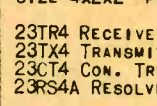
GE SELSYN GENERATOR NO. 2J1F1 115/57.5 V. 400 CYC. \$2.95



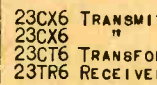
GE TANDEM SELSYN CONTROL TRANSFORMER NO. 2J1B15K1, 57.5-57.5 VOLTS 400 CYC. RATIO 31-1 \$2.95 REPEATER A.C. SYNCHRONOUS TYPE 1X 115 VOLT 60 CYCLE, SIZE 5x3 PRICE: \$7.95 2 FOR \$15.00



RECEIVER TORQUE SYNCHRO 23TR4 115/90 VAC 400 CYCLE, TWO UNITS MOUNTED ON FRAME WITH NUMBERED OIALS 0-100 & 0-1000, SYNCHRO SIZE 4x2x2 PRICE USED \$15.00



23TR4 RECEIVER 115/90 V. 400 CYC. USED \$7.95
23TX4 TRANSMIT 115 V. 400 " " 7.95
23CT4 CON. TRANS. 115 V. 400 " " 7.95
23RS4A RESOLVER 90/90 V. 400 " " 7.95



23CX6 TRANSMIT 115/90 V. 60 CYC. NEW 10.00
23CX6 " " " " USED 7.00
23CT6 TRANSFOR 90/1V PER DEG 60CY " 7.00
23TR6 RECEIVER 115 V. 60 CYC. " 15.00

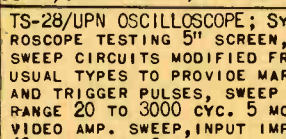


DAYSTROM TRANSICOIL CONTROL MOTOR 115 VOLT 60 CYCLE, 1 PHASE, 2 PHASE 200 VOLT CT. 3200 RPM. SIZE 2 1/2 x 2, SHAFT SIZE 1/16 x 1/2 WITH GEAR, (REMOVED FROM NEW EQUIP.) PRICE: \$5.00

SYNCHROSCOPE



OS-29/UPM-4A PRECISION SYNCHROSCOPE EMPLOYING A THREE INCH CATHODE RAY TUBE. THE SWEEP OF THE CATHODE RAY TUBE CAN BE TRIGGERED EXTERNALLY OR INTERNALLY AND CAN BE DELAYED WITH EITHER TRIGGER. THE SWEEP DURATION AND, WHEN INTERNALLY TRIGGERED, THE SWEEP FREQUENCY CAN BE CONTROLLED. THE INPUT SENSITIVITY OF THE VIDEO AMPLIFIER CAN BE VARIED IN SIX STEPS FROM 0.2 TO 20 VOLTS PER INCH OF VERTICAL DEFLECTION. THE UNIT CONTAINS HIGH VOLTAGE POWER SUPPLY, BUT REQUIRES THE FOLLOWING VOLTAGES FOR OPERATION 300v, -27v, 425v, 105v. NORMALLY SUPPLIED BY POWER SUPPLY PP-802/UPM-4A, NOT AVAILABLE. SIZE: 22x19x10. WT. 50 LBS. OS-29/UPM-4A ONLY, RENEW. \$39.50



TS-28/UPN OSCILLOSCOPE; SYNCHROSCOPE TESTING 5" SCREEN, INCL SWEEP CIRCUITS MODIFIED FROM USUAL TYPES TO PROVIDE MARKER AND TRIGGER PULSES, SWEEP FREQ RANGE 20 TO 3000 CYC. 5 MC. VIDEO AMP. SWEEP, INPUT IMPED. 40 MMF LOAO. OPERATES FROM 115 VOLT 50/70 CYC SIZE 18x21x22; WT: 85 LBS. USED \$50.00

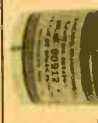


AUTOMATIC PILOT COMPONENT; GYRO DIRECTIONAL STABILIZER UNIT FOR "M" SERIES BOMBSIGHT AND E-6 AUTOPILOT. OPERATES FROM 24-28 VOLTS D.C. SIZE 17x12x12; WT: 50 LBS. PRICE: USED \$22.95

SYNCHRO SELSYNS



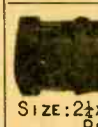
SYNCHRO GENERATOR SPERRY PT#R5663642 MFG. BY BENDIX FOR IBM. SIMILAR TO BENDIX OPERATES FROM 26 VOLTS 400 CYCLE SINGLE PHASE WHEN USED IN CONJUNCTION WITH BENDIX # AY-201 SYNCHRO CONTROL TRANSFORMERS IT WILL OPERATE UP TO 20 UNITS. WILL ALSO OPERATE FROM 6 VOLT 60 CY. WITH A SLIGHT LOSS. SIZE: 2 1/2x2 1/2; SHAFT 1/16x3; WT: 12 OZ. PRICE: NEW \$2.95 2 FOR \$5.00



AY-201 SYNCHRO CONTROL TRANSFORMER MFG. BY BENDIX, ROTOR 1 PHASE 26 VOLT 400 CYCLE, STATOR 3 PHASE 11.8 VOLTS. SIZE: 1 1/2x1 1/2 SHAFT 1/2 x 1/16; WT: 3 OZ. CONDITION REMOVED FROM EQUIPMENT. PRICE: \$1.95 EACH 3 FOR \$5.00



KEARFOOT R-200 SYNCHRO CONTROL TRANSFORMER. ROTOR 26 VOLT 1 PHASE 400 CYCLE, STATOR 11.8 VOLT 3 PHASE. SIZE: 1x1-3/4, SHAFT 1/16 x 1/2; WT: 3 OZ. CONDITION REMOVED FROM EQUIPMENT. PRICE: \$2.95 EACH
KEARFOOT SYNCHRO RESOLVER R-235, ROTOR 2 PHASE 26 VOLTS, STATOR 2 PHASE 11.8 VOLTS 400 CYCLE. SIZE: 1x1-3/4; SHAFT 1/16x3; 3oz. REMOVED FROM EQUIPMENT. PRICE: \$2.95



SELSYN CONTROL TRANSFORMER #2J1G1, 57.5-57.5 V 400 CYCLE (WILL OPERATE FROM 36 V 60 CY SEE WIRING DIAGRAM NEXT PAGE) SIZE: 2 1/2x4 1/2; WT: 1 LBS. USED PRICE WITH CAPS \$4.95

SELSYN SYNCHRO

NAVY TYPE SYNCHRO GENERATOR 5G MK1, Mod. 5; 115/90 V. 60 CYCLE. CAN BE USED FOR DIRECTIONAL CONTROL TO A REMOTE POSITION IN PAIRS AS TRANSMITTER & RECEIVER. EACH UNIT WILL FOLLOW OTHER UNIT IN DIRECTION AND SPEED OF ROTATION.
HEAVY DUTY GEAR TRAIN WITH SELSYN/SYNCHRO AS ILLUSTRATED, SIZE 10x8x5, WT: 12 LBS. \$7.95
SELSYN/SYNCHRO ONLY 6x4x4 WT: 5 " 5.95
GEAR TRAIN ONLY 10x3x5 WT: 7 " \$1.50

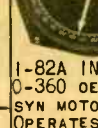


CK-2 GEAR TRAIN MOTOR
LP-21 LOOP LESS COVER
MC-217/507 AUTOSYN SELSYN

LP-21LM LOOP ANTENNA AS USED ON AIRCRAFT WITH RADIO COMPASS RECEIVERS FOR USE IN THE 200 TO 1750 KC. COMPLETE LOOP ILLUSTRATED TO THE LEFT. ILLUSTRATION TO THE RIGHT IS WITH HOUSING REMOVED AND IN THE CENTER ARE ILLUSTRATED THE GEAR TRAIN MOTOR, REVERSIBLE CK-2 AND AUTOSYN SELSYN MC-217/MC-507 WHICH ARE INSIDE THE BOTTOM HOUSING ALSO CONTAINED THEREIN IS A SLIP RING ASSY. MOTORS OPERATE FROM 26 VOLT 400 CYCLE BUT CAN BE OPERATED FROM 60 CYCLE AS SHOWN IN WIRING DIAGRAM BELOW.
SIZE: OVERALL 20x16x10; WT: 12 LBS. COND. USED.
LP-21-LM LOOP COMPLETE WITH HOUSING \$9.95
LP-21-LM " " LESS " 6.95
CK-2 GEAR TRAIN MOTOR ONLY 4.95
MC-217/MC-507 AUTOSYN SELSYN 3.95
PL-112 PLUG TO FIT LOOP 9 CONTACT 2.50
PL-108 PLUG " " " 4 " 1.50



1-82A 5" INDICATOR



1-81A 3" INDICATOR

1-82A INDICATOR 5" ILLUSTRATED TO LEFT ABOVE 0-360 DEGREE SCALE CONTAINS A MATCHING AUTOSYN MOTOR TO BE USED WITH THE LP-21LM LOOP. OPERATES FROM 26 V 400 CYC. (60 CYC SEE BELOW)
1-81A INDICATOR 3" ILLUSTRATED TO RIGHT ABOVE 0-36 DEGREE SCALE CONTAINS A MATCHING AUTOSYN THAT WAS USED WITH THE LP-21LM LOOP. OPERATES FROM 26V 400 CYC. (60 CYC. SEE BELOW)
1-82A INDICATOR 5" USED \$7.95
1-81A INDICATOR 3" USED \$3.95 RENEW \$4.95
PL-118 CONNECTOR PLUG FOR INDICATORS 2.50 EA



GENERATOR (ANGLE TRANSMISSION) ROTOR 2 PHASE 24 VOLT, STATOR 2 PHASE 20.6 VOLT 400 CYCLE. PART #BGC-15-DS-10; SIZE 1 1/2x2 1/2 (CLIFTON) \$2.95
 GENERATOR INDUCTION, 24 VOLT 400 CYCLE EASTERN AIR DEVICES #J2GM07-40 \$2.95
 TRANSMISSION GENERATOR MFG. ARMA, TYPE 03TG-400X1, DWG #93054 \$2.95
 AUTOSYN RESOLVERS
 AY221S-3-B 400 CYCLE, ROTOR 2 PHASE 26 VOLT, STATOR 2 PHASE .11.8 V. BENDIX 1.95
 AY-123D BENDIX SAME SPECS AS ABOVE 1.95
 SERVO CONTROL MOTOR MFG. BY OSTER, 115 V. 400 CYCLE NO LOAD SPEED 5000 RPM. TORQUE 1.45 OZ. IN. \$2.95
 RESOLVER MFG. BY CLIFTON PART #BSC-15DS ROTOR 2 PHASE 0.5-16 VOLT, STATOR 0.5-16 VOLT 400 CYCLE. \$2.95
 RESOLVER TRANSMISSION GENERATOR, JOHN OSTER TYPE 15-4042-06, DWG. #C45 \$2.95
 RESOLVER MFG. BY ARMA, TYPE 03X1-400 DWG. #93001. \$2.95
 RESOLVER MFG. BY OSTER TYPE 15-4042-04 \$2.95
 AUTOSYN DIFFERENTIAL
 AY-165-A3 400 cyc, 3PHASE 11.8-3PHASE 1 - 1 RATIO. BENDIX 1.95
 AY-232S-3B BENDIX SAME SPEC. AS ABOVE 1.95
 AY-231S-3B " " " " " " 1.95

THE FOLLOWING EXPLANATION IS THE BASIC PRINCIPAL OF OPERATION OF THE SYNCHRO, SELSYN, AND AUTOSYNS.

THESE MOTORS ARE SPECIALLY DESIGNED HAVING A ROTOR/SHAFT THAT WILL ALWAYS ASSUME THE SAME POSITION AS ON A ROTDR/SHAFT OF THE SAME TYPE MOTOR THAT HAS BEEN ELECTRICALLY CONNECTED TOGETHER EVEN THOUGH THE UNITS ARE LOCATED SOME DISTANCE FROM EACH OTHER.
 THE MOST IMPORTANT FEATURE ABOUT THESE MOTORS IS THAT THE SHAFT/ROTOR DOES NOT TURN CONTINUOUSLY EVEN THOUGH THEY ARE ENERGIZED BUT THE ROTOR/SHAFTS REMAIN MOTIONLESS UNTIL ONE OR THE ROTOR/SHAFTS IS MOVED BY SOME EXTERNAL FORCE IN WHICH CASE BOTH ROTOR/SHAFTS WILL MOVE AT THE SAME TIME, AT THE SAME RATE AND STOP AT THE SAME TIME, IN THE SAME DEGREE OF ROTATION AS THE ROTOR/SHAFT THAT HAS HAD THE EXTERNAL FORCE APPLIED TO IT.

USED CHIEFLY FOR OBTAINING A REMOTE INDICATION OF POSITION OF SOMETHING OR REMOTE CONTROL OF A POSITIONER.

SYNCHRO: A TYPE OF WOUND-ROTOR AC MOTOR USED FOR REPEATING ANGULAR MOTION BOTH AS TO TOTAL ANGLE AND SPEED. THE NAME SELSYN IS USED SYNONYMOUSLY WITH SYNCHRO.
 SYNCHRO GENERATOR: A SYNCHRO WHICH HAS AN ELECTRICAL OUTPUT PROPORTIONAL TO THE ANGULAR POSITION OF ITS ROTOR.
 SYNCHRO CONTROL TRANSFORMERS: A SYNCHRO IN WHICH THE ELECTRICAL OUTPUT OF THE ROTOR IS DEPENDENT ON BOTH THE SHAFT POSITION AND THE ELECTRICAL INPUT OF THE STATOR.
 SYNCHRO DIFFERENTIAL GENERATOR: THE SYNCHRO UNIT WHICH RECEIVES AT 1ST PRIMARY TERMINALS AN ORDER FROM A SYNCHRO GENERATOR, MODIFIES THIS ORDER MECHANICALLY BY ANY DESIRED AMOUNT BY THE ANGULAR POSITION OF THE ROTOR AND TRANSMITS THE MODIFIED ORDER FROM ITS SECONDARY TERMINALS TO THE OTHER SYNCHRO UNITS.

RESOLVER: AN ELECTROMECHANICAL UNIT, SIMILAR TO A SYNCHRO, USED TO RESOLVE INCOMING VOLTAGE INTO THEIR SINE AND COSINE COMPONENTS AS REFERRED TO ANGLE OF SHAFT ROTATION. RESOLVERS MAY BE SUPPLIED WITH TWO ROTOR WINDINGS FOR RESOLUTION OF THE SINE AND COSINE COMPONENTS OF THE VECTOR SUM OF TWO QUADRATURE INPUTS.

WIND DIRECTION INDICATOR

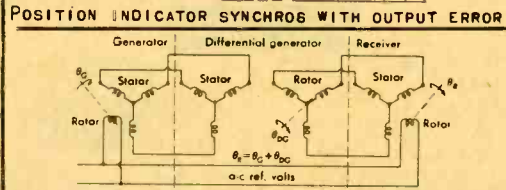
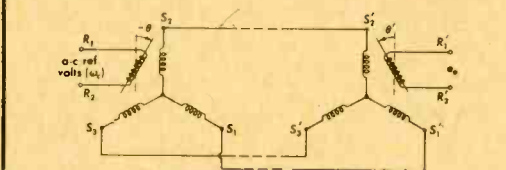
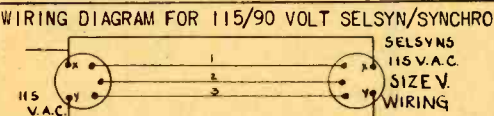
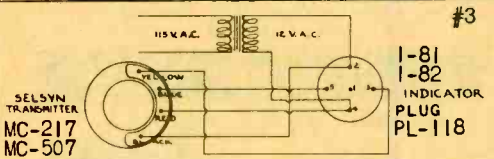


TO MAKE AN ELECTRIC WIND DIRECTION INDICATOR YOU WILL REQUIRE THE FOLLOWING PARTS AND USE WIRING DIAGRAM #3.
 MC-507 SELSYN/AUTOSYN TRANSMITTER USED \$3.95
 1-81A INDICATOR 3" USED \$3.95
 1-82A INDICATOR 5" USED \$7.95
 FAIR #2468 TRANSFORMER 12 VOLT. 1.95
 PL-118 PLUG FOR 1-81A INDICATOR (OPTIONAL) 1.95
 FOUR WIRE CABLE PER FOOT .04

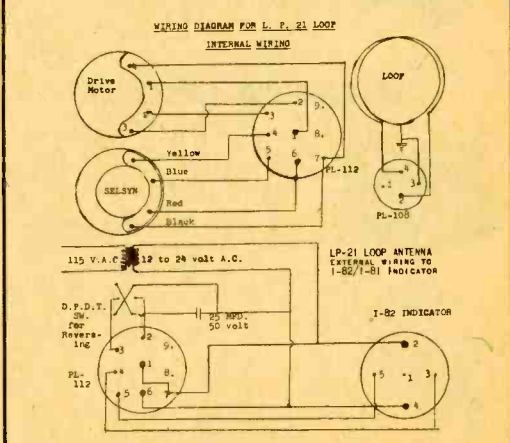
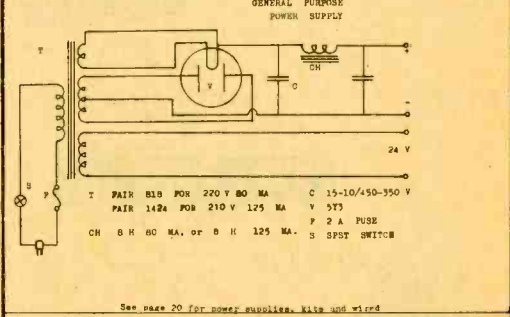
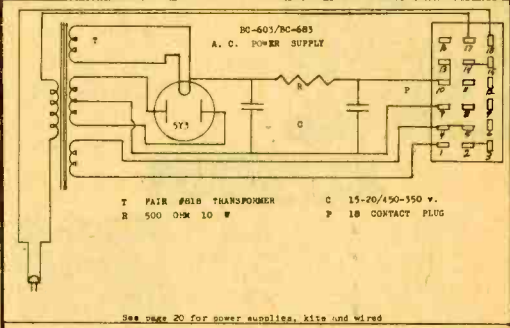
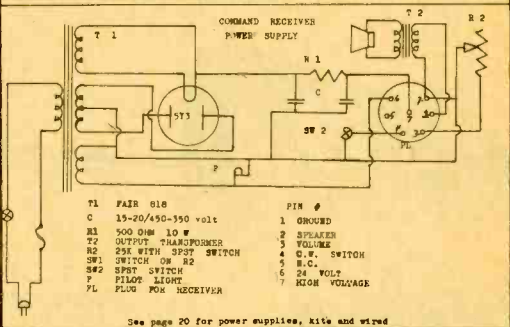
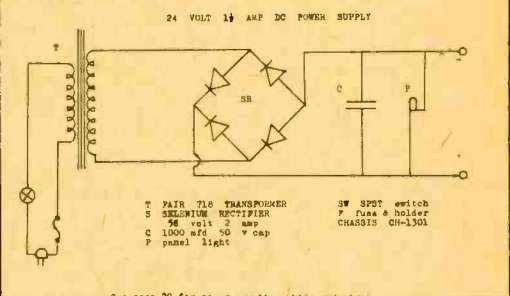
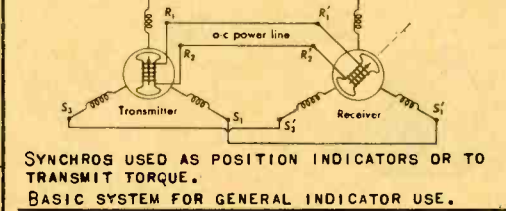
FROM THE TOP OF THE MC-507 REMOVE THE SPRING SPRING TENSION POST, AND DIAL POINTER. LOOSEN THE 24 COMPENSATING SCREWS, AROUND THE HOUSING JUST BELOW THE SCALE, ENOUGH SO THAT THE DISK THAT IS ON THE SHAFT ROTATES FREELY. YOU CAN MAKE ANY TYPE VANE YOU DESIRE KEEPING IN MIND THAT THE LIGHTER IT IS THE EASIER IT WILL TURN AND GIVE A TRUER INDICATION. THE STEM CAN BE OF PLEXIGLASS OR ANY OTHER LIGHT MATERIAL. DRILL A HOLE IN THE STEM THE SIZE OF THE MOTOR ROTOR/SHAFT SO THAT IT WILL FIT TIGHTLY OR USE ANY OTHER COUPLING DEVICE, MOUNT THE VANE ON THE TOP OF THE STEM, LOCATE THE MOTOR WITH THE MOUNTED VANE WHERE YOU WANT IT, (MOTOR SHOULD BE WATERPROOFED) WIRE UP THE MOTOR, TRANSFORMER, SWITCH AND INDICATOR AS SHOWN IN DIAGRAM #3, TURN THE SWITCH ON, TURN THE VANE UNTIL THE INDICATOR POINTS TO ZERO, THEN ADJUST THE POSITION OF THE VANE ON THE MOTOR SO THAT IT POINTS NORTH. YOUR WIND DIRECTION INDICATOR SHOULD NOW BE READY TO OPERATE.

REMOTE INDICATOR

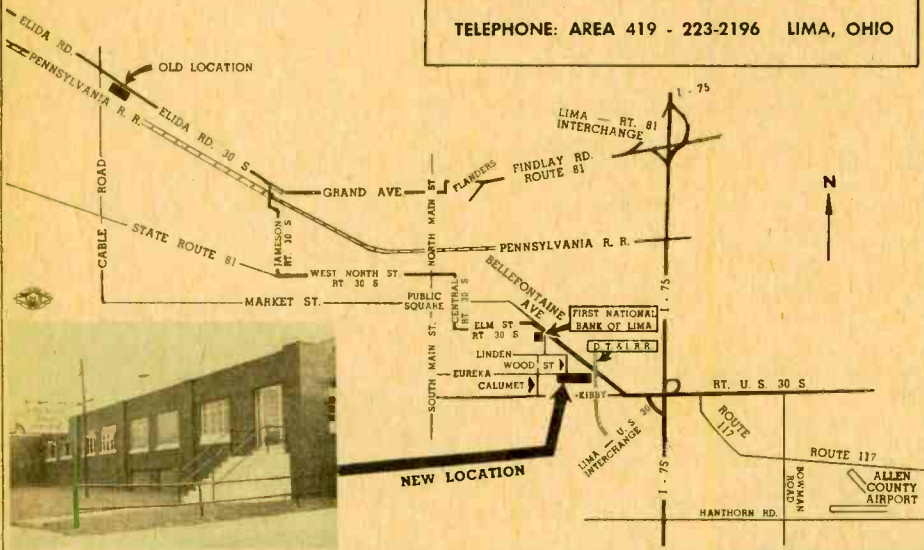
THE SELSYN TRANSMITTER MC-507 AND INDICATORS 1-81 AND 1-82 CAN BE USED TO INDICATE POSITION OF ALL TYPES ROTATABLE RADIO ANTENNAS TO A REMOTE POINT. SUITABLE GEAR ARRANGEMENT MUST BE MADE TO THE SELSYN TRANSMITTER AND THIS IN TURN ADJUSTED SO THAT THE ANTENNA IS IN LINE WITH THE INDICATOR. WITH PROPER ALIGNMENT, WHEN THE ANTENNA IS TURNED TRUE INDICATION WILL SHOW ON YOUR INDICATOR. SEE SCHEMATIC #3



SYNCHROS USED AS POSITION INDICATORS OR TO TRANSMIT TORQUE. BASIC SYSTEM FOR GENERAL INDICATOR USE.



FAIR RADIO SALES CO.
New Location: 1016 E. EUREKA
 TELEPHONE: AREA 419 - 223-2196 LIMA, OHIO



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Fair Radio Sales Co.
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 Lima, Ohio 45802
 P. O. BOX 1105

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 Lima, Ohio
 Permit No. 74

GRAB BOX

ASSORTMENT OF NEW & USEABLE ELECTRONIC PARTS & ASSEMBLIES SUCH AS MOTORS, TRANSFORMERS, CHOKES, CONDENSERS, RESISTORS, RECTIFIERS, COVERS, CASES ETC.



ASSORTMENT #1 IS IN A MINE DETECTOR CARRYING CASE WITH HINGED COVER, CARRYING HANDLE, HASP ETC. SIZE 28x8x15, CHEST WEIGHT 35 LBS. TOTAL WEIGHT 75 LBS. PRICE: \$7.50

ASSORTMENT #2 IS IN A PLWOOD BOX SIZE 24x16x19, TOTAL WEIGHT 100 LBS. BOX ONLY 15 LBS. PRICE: \$10.00

DATA MAPPING



RADAR CONSOLE DATA MAPPING UNIT A-1007/FSQ; 15" CATHODE RAY TUBE DISPLAY WITH 8032 IMAGE CONVERTER TUBE MOUNTED IN THE GOOSE-NECK ASSY; OVER LOOKING THE CR TUBE, ELECTRIC SCANNING AND AMPLIFIER CIRCUITS WITH 12 KVDC AND 1.5 KVDC POWER SUPPLIES. MFG BY IBM FOR BENDIX. SIZE 33x35x60; WT: 150, USED \$125

STEPPING SWITCHES

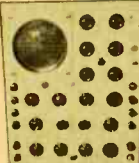
WESTERN UNION AUTOMATIC NUMBERS CONSISTS OF 3 ROWS OF LIGHTS NUMBERED 0-9, 3 STEPPING SWITCHES 6 DECK 11 POSITION, ONE 10 DECK 24 POSITION STEPPING SWITCH, ONE RELAY 4PDT & 4PST, OPERATES 40-48 VDC, MOUNTED ON CHASSIS 4x7x13; WT: 12 LBS. #9701.1A PRICE: USED \$29.95



STK. #	POS.	DECK	VDC	PRICE:
917723	24	6	30-36	\$ 8.95
917722	24	8	30-36	10.95
916909	24	10	30-36	12.95
916972	12	2	32-36	3.95
917958	11	3	32-36	4.95
917978	11	6	32-36	6.95

REMOVED FROM EQUIPMENT FOR ADDITIONAL STEPPING SWITCHES SEE PAGE 22

TEKTRONIC



TEKTRONIC 511 OSCILLOSCOPE A WIDE RANGE PORTABLE SCOPE MAKING POSSIBLE THE OBSERVATION OF A WIDE RANGE OF ELECTRICAL WAVESHAPES IN LABORATORY AND SHOP USE FOR TESTING AND DEVELOPMENT OF ALL TYPES OF ELECTRONIC EQUIPMENT. OPERATES FROM 105-125 & 210-230 VOLT 50/60 CYCLE. (SERVICEABLE) SIZE: 15x12x21; WT: 60 LBS. USED \$249.50

MODULATOR

ML-310/AMT-1 MODULATOR FOR RADIOSONDE T-49A TRANSMITTER RESISTANCE ELEMENTS VARY WITH CHANGING TEMPERATURE AND HUMIDITY CONDITIONS, PRESSURE SENSITIVE SWITCHING MECHANISM CALIBRATED IN TERMS OF PRESSURE PROVIDES FOR SEQUENCE OF TRANS. OF TEMP. HUMIDITY AND MODULATED REFERENCE SIGNAL HOUSED IN PLASTIC BOX 5x3x4; WT: 1 LB. PRICE: \$1.95



MAGNETRON

0-340/ALT-6A OSCILLATOR SECTION WITH TYPE L3111 MAGNETRON TUBE & AIR PUMP MOTOR WITH FITTINGS FOR "L" BAND WAVE GUIDE SIZE 1-1/8x2 1/2, 3000 TO 4000 MC., MOTOR 27 VDC. USED SIZE: 7x13x11; 23 LB. \$24.95



HYDROPHONE

HYDROPHONE TRANSDUCER MICROPHONE ROCHELLE SALT TYPE USED TO PICK UP UNDERWATER SOUNDS IN THE FREQUENCY RANGE OF 1 TO 20,000 CYCLES. AVERAGE IMPEDANCE 25 OHMS UP TO 400 FT. WITH TRANSFORMER HOUSED IN RUBBER WATERPROOF JACKET FILLED WITH OIL & 9 FT. RUBBER CONNECTING CABLE. SIZE: 5x3x3; WT: 21 LBS. (NOT MAILABLE) SONAR # NT-51038F PRICE: NEW \$18.95



COMPUTER CONTROL

CP-53/APC-31 COMPUTER AZIMUTH CONTROL UNIT. CONTAINS A GYRO UNIT, 5 SYNCHRO 1 1/2" TYPE 400 CYCLE, 2 SPERRY DC SERVO MOTORS R5663916, RELAYS, TERMINAL STRIPS, SEVERAL SIZES OF GEARS, RESISTORS, CONDENSERS, TWO SERVO AMPLIFIERS #573097 (PLUG IN TYPE) WITH 6 TUBES AND HEATING ELEMENT. ALSO 115 V. 400 CYC. 1 1/2" ELAPSED TIME INDICATOR. SIZE: 11x9x15 1/2; WT: 18 LB. \$7.95



SERVO AMPLIFIER

SERVO AMPLIFIER #358661 IN SEALED BLACK BOX CONTAINING SIX (6) TUBES 2/6AL5, 2/6AQ5, 1/6096, 6101, RELAY DPDT, OUTPUT TRANS. COND. RESISTORS ETC. SIZE: 5x3x4; WT: 4 LBS. USED \$1.95



AMPLIFIER

WEBSTER ELECTRIC AMPLIFIER SERVO TYPE: OPERATES FROM 115 VOLT 60 CYCLE, WITH TUBES 3/6SN7, 1/6H6, 1/6SN7 & 1/5T4, POWER SUPPLY OUTPUT 250 VDC 80 MA (UNFILTERED) 5 VAC @ 3 AL 6.3 VAC @ 3 A., 6.3 VAC @ 4 AMP. ALSO INTER-STAGE TRANSFORMERS, RESISTORS, CONDENSERS CONTROLS ETC. CHASSIS SIZE 14x6x1 1/2; WT: 19 LB PRICE: USED \$4.95



REGULATED POWER SUPPLY

PHILCO REGULATED POWER SUPPLY: INPUT: 117V 60 cps OUTPUT: 250VDC @ 200mA REGULATED RACK MOUNTING 19 1/2" TUBES: 2/6AS7; 5R4 TUBES: 2/6AS7; 2/5R4; 2/0B2; 6SL7; 5651 WT. 100 LBS. SIZE: 7x19x12 1/2 \$29.95





FAIR RADIO SALES CO.

Surplus Electronics



BC-603 FM RECEIVER
20.0 TO 27.9 MC

PAGE 3



1/2 PRICE

THIS CATALOG SPECIAL
CARRIER MONITOR

PAGE 3



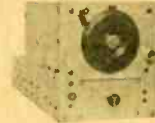
COMMUNICATION RECEIVER
BC-348 200-500 KC 1.5-18 MC
PRICE: USED \$69.50

PAGE 4



COMMAND TRANSMITTER
BC-696 3-4 MC
GOV'T RE-COND
PRICE: \$12.95

PAGE 4



COMMAND RECEIVER
BC-455 6.0-9.1 MC
GOV'T RE-COND. WITH DYNAMOTOR
PRICE: \$14.95

PAGE 4

RECEIVED
1 NOV 1966



HEADSET & BOOM MICROPHONE
TELEX MRB-12
PRICE: USED \$8.95

PAGE 6



RT-122/APW-11 REC. TRANS.
FREQ. 2680-2920 W/2C40 TUBE
PRICE: W/TUBES \$14.95 USED
PRICE: L/TUBES \$ 4.95 USED

PAGE 27



AIRPORT LIGHTING TRANSFORMER
PAGE 16
OTHER TRANSFORMERS
PAGES 12-13-14

FAIR RADIO SALES CO., Box 1105, 1016 East Eureka, LIMA, OHIO 45802

Telephone Area Code 419 - 223-2196

FALL-WINTER 1966-67

STORE HOURS
MONDAY THRU SATURDAY
9:00 A.M. TO 5:30 P.M.

FM

TRANSMITTERS-RECEIVERS

AM



BC-604 TRANSMITTER

FREQ. RANGE 20-27.9 MC OUTPUT APPROX. 30 WATT. 10 CRYSTAL CONTROLLED CHANNELS. FREQ. 54 TIME CRYSTAL FREQUENCY. 12 VOLT DC OPERATION WITH DM-35 DYNAMOTOR. 24 VOLT DC OPERATION WITH DM-37 DYNAMOTOR. BATTERY DRAIN 20A. ON 12 VOLT TUBE LINEUP; 1619 DOUBLER, 1619 TRIPLER, 1619 1ST RF AMPLIFIER, 1619 RF RECTIFIER, 1624 POWER AMPLIFIER. SIZE: 18" L x 11 1/2" H x 10 3/8" D. WT: 60 LBS. LESS DYNAMOTOR. RE-NEW \$7.95

BC-684 TRANSMITTER SAME AS BC-604 FREQUENCY RANGE 27 TO 39.1 MC USED \$6.95

BC-924 TRANSMITTER RE-NEW \$12.95



FREQ. RANGE 27 TO 39.1 MC. 12 VOLT DC OPERATION. VOLTAGE REGULATED M.O. CIRCUIT. SLUG TUNED COILS HI AND LOW OUTPUT SWITCH. 30 WATT OUTPUT ON HI POSITION. CONTAINS INTERPHONE AMPLIFIER. SCHEMATIC ENCLOSED IN CABINET. TUBE LINEUP: 6SJ7 OSCILLATOR, 6J5 MODULATOR, 6SJ7 BUFFER, 6AG7 AMPLIFIER, 815 DOUBLER, 815 FINAL, 7SL7 1ST AUDIO, 6V6 2ND AUDIO, VR150 VOLTAGE REGULATOR. VOLTAGE REQUIRED 12 OR 24 VDC AND 400 VDC @ 400 MA. SIZE: 18" L x 11 1/2" H x 10 3/8" IN. D WT: 52 LBS

FT-237 MOUNTING BASE RE-NEW \$7.95

SHOCK MOUNT BASE TO HOLD ONE BC-924 TRANSMITTER AND ONE OR TWO BC-923 RECEIVER OR ONE BC-603 RECEIVER. SOCKETS ON THE BASE WILL MAKE ALL OF THE NECESSARY CONNECTIONS TO THE SETS. TERMINAL BLOCK MOUNTED ON THE BASE FOR REMOTE CONTROL CABLE. WT: 44 LBS SIZE: 11 3/4" W x 1 3/4" H x 33 5/8" L.

IDENTIFICATION SET

RT-82/APX-6 RADAR IDENTIFICATION SET RECEIVER-TRANSMITTER COVERING RANGE OF 950-1150 MC. IF FREQ. 59.5/1.5 MC. (CAN BE CONVERTED TO 1215 MC. CST FEB. '61, SEPT. '60; 1296 MC. CST JUNE '61) WITH (30) TUBES 6J6, 1/6A56, 1/3E25, 3/6AL5, 1/5Y3, 2/3B24, 3/6AL5, 2/12AU7, 7/6AK5, 1/2C42, 1/2C46, 1/1B40, 1/1N-43, 1/1N-25. DIGIT COUNTERS ON TUNERS FOR TRANS-REC-LO FREQ. CONTROLS. VOLTAGE REQUIRED 24 AND 115 400/800 CYCLE. SIZE: 13x13x10; WT: 45 LBS. PRICE: USED WITH TUBES \$16.95

BC-603 RECEIVER

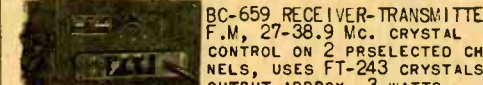
BC-603 RECEIVER F.M 20-27.9 MC CONTINUOUS TUNING & 10 PRESET PUSH BUTTON CHANNEL SELECTOR. WITH SENSITIVITY SQUELCH & VOLUME CONTROLS, 2 WATT OUTPUT TO SELF CONTAINED SPEAKER, ONE (1) MICROVOLT SENSITIVITY 2.65 KC I.F. 10 TUBES 3/6AC7, 1/6J5, 2/12SG7, 2/6SL7, 1/6H6 & 1/6V6GT. VOLTAGE REQUIRED 12/24 VOLTS FOR FILAMENTS, 220 VDC @ 80 MA. FOR HIGH VOLT SIZE 11 1/2 x 6 1/2 x 12 1/2; WT: 35 LBS. USED

AC POWER SUPPLY FOR BC-603 TRANSFORMER TYPE PLUGS INTO SAME PLACE AS DYNAMOTOR, NO CONVERSION REQUIRED ACCEPT ADDING SWITCH. W/INSTRUC W/ W/ 14.95 KIT OF PARTS \$10.00 DM-34 DYNAMOTOR FOR 12 VOLT D.C OPER. N \$4.95 DM-36 " " 24 " " " N 4.95



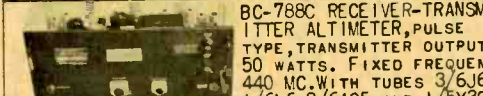
T-91/VRC-4 TRANSMITTER, AM, 25 W. CW/PHONE, 4 CRYSTAL CONTROLLED CHANNELS IN THE BAND OF 1.7 TO 8.7 MC. OR A TUNEABLE CHANNEL VARIABLE 4.0 TO 7.0 MC. WITH TUBES 1/6V6, 2/6L6 & 1/807 NO POWER SUPPLY, REQUIRES APPROX 600 VDC FOR B SUPPLY AND 6 VOLTS FOR FILAMENTS. SIZE: 15 1/2 x 11 x 14 1/2; WT: 50 LBS. UNUSED
R-114/VRC-4 RECEIVER AM, 4 CRYSTAL CONTROLLED CHANNELS 1.7 TO 8.7 MC. ONE TUNEABLE CHANNEL 190 TO 510 KC. IF FREQ. 525 KC. FOR CW/PHONE WITH SPEAKER & TUBES 4/6SK7.1 8.2/6SQ7 & 1/6K6. VOLTAGE REQUIRED 6 V & APPROX 220 VDC SIZE: 15 1/2 x 11 x 14 1/2; WT: 40 LBS. UNUSED

T/91/VRC-4 TRANS. & R-114/VRC-4 REC. \$49.50



BC-659 RECEIVER-TRANSMITTER F.M, 27-38.9 MC. CRYSTAL CONTROL ON 2 PRESELECTED CHANNELS, USES FT-243 CRYSTALS, OUTPUT APPROX. 3 WATTS. SELF CONTAINED SPEAKER, MIC & PHONE JACKS. W/TUBES 1/1LH4, 1/1LC6, 4/1LN5, 2/1291, 4/1299, 1/1291, W/TUBES, SPEAKER & METER. REQUIRES PE-117 OR PE-120 POWER SUPPLY FOR OPERATION FROM 6/12 VOLT. SIZE: 15x13x7; WT: 30 LBS. PRICE: REC-TRANS. ONLY USED \$14.95 RN \$17.95 REC-TRANS. W/POWER SUP. " 18.95 RN \$21.95

PE-117 POWER SUPPLY ONLY USED 5.95 RN 7.95
 PE-120 " " " " 5.95 RN 7.95
 PE-97 " " " " 5.95 RN 7.95
 CS-79 BATTERY CASE EMPTY " 1.00 RN 1.95
 BX-40 CRYSTAL CASE " " 1.95
 AN-45 TELESCOPING ANTENNA 8 FT. " 2.95



BC-788C RECEIVER-TRANSMITTER ALTIMETER, PULSE TYPE, TRANSMITTER OUTPUT 50 WATTS. FIXED FREQUENCY 440 MC. WITH TUBES 3/6J6, 1/6L6, 3/6AG5 AND 1/5Y3GT OPERATES FROM 115 VOLT 400 TO 2400 CYCLE. SIZE: 15 1/2 x 9 x 8; WT: 13 LBS. PRICE: USED \$18.95

ILLUSTRATED COVER OFF. AIRBORNE EQUIPMENT DESIGNED TO RECEIVE RADIO SIGNALS TO DELIVER AURAL & VISUAL INDICATION OF THE RECEIVED SIGNAL TO THE PILOT OF THE AIRCRAFT IN WHICH IT IS INSTALLED. FORM THESE INDICATIONS THE PILOT CAN ACCURATELY CHECK IN RESPECT TO A PARTICULAR RADIO RANGE STATION. THE RECEIVED SIGNAL IS FIXED FREQ. 75 MC. A-M MODULATED AT 400, 1300 OR 3000 CPS. AND OPERATES FROM 24 VOLTS DC FOR FILAMENTS AND B VOLTAGE. COMPLETE WITH TUBES 5/6AJ5, 2/6AL5W & 2/28D7. HAS CRYSTAL CONTROLLED OSCILLATOR WITH 6.9 MC., IF FREQ SIZE: 10x5x6; WT: 8 LBS. PRICE: USED \$4.95

R-122/ARN-12 RADIO RECEIVER AM 100 TO 156 MC. CONTINUOUS TUNING, 10 PRESET CHANNELS, 30 WATT CW & PHONE. WITH TUBES 18/6AK5, 2/6CA4, 2/6V6 2/6J6, 2/12A6, 2/832, 12SL7 VOLTAGE REQUIRED 24 VDC & 360 VDC 135 MA. SIZE: 21 1/2 x 10 1/2 x 7 1/2; WT: 40 LBS. USED 10 CHANNEL... \$49.50

R-48/TRC-8 RECEIVER

R-48/TRC-8 RECEIVER F.M 230 TO 250 MC. ONE BAND VARIABLE TUNING, SPEAKER PHONE JACKS, SQUELCH CIRCUIT. WITH TUBES 8/6AG7, 1/9002, 1/504, 1/6V6 1/VR-150, 1/6N7, 1/6SN7, 1/6AL7. OPERATES FROM 115 VOLT 60 CYCLE. SIZE: 20x19x16; WT: 75 LBS. PRICE: WITH TUBES, \$34.95 WITH TUBES, LESS METER, LESS DIAL \$19.95

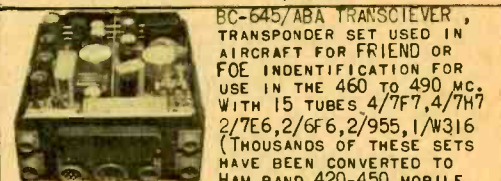
RT-18 ARC-1 AM TRANS.

AIRCRAFT RECEIVER-TRANSMITTER AM 100 TO 156 MC CRYSTAL CONTROLLED ON TEN PRESELECTED CHANNELS, 30 WATT CW & PHONE. WITH TUBES 18/6AK5, 2/6CA4, 2/6V6 2/6J6, 2/12A6, 2/832, 12SL7 VOLTAGE REQUIRED 24 VDC & 360 VDC 135 MA. SIZE: 21 1/2 x 10 1/2 x 7 1/2; WT: 40 LBS. USED 10 CHANNEL... \$49.50

COMPASS SYSTEM



REMOTE READING MAGNESIUM COMPASS SYSTEM, AIRCRAFT TYPE. CONSISTS OF A MAGNESIUM COMPASS THAT TRANSMITS TO A 3" INDICATOR THAT IS CALIBRATED IN DEGREES --- N-S-E-W AND IS OPERATED BY THE 12 VOLT D.C INVERTER THAT IS SUPPLIED WITH THE SET. SHPG. WT: 15 LBS. PRICE WITH TRANSMITTER, INDICATOR, INVERTER AND MANUAL... \$32.95



BC-645/ABA TRANSCIEVER, TRANSPONDER SET USED IN AIRCRAFT FOR FRIEND OR FOE IDENTIFICATION FOR USE IN THE 460 TO 490 MC. WITH 15 TUBES 4/7F7, 4/7H7 2/7E6, 2/6F6, 2/955, 1/W316 (THOUSANDS OF THESE SETS HAVE BEEN CONVERTED TO HAM BAND 420-450, MOBILE FIXED 450-460, CITIZENS 460-470, TV EXP. 470-500) SIZE: 6 1/2 x 11 x 14; WT: 20 LBS. PRICE: UNUSED \$14.95

BC-646 CONTROL BOX FOR ABOVE. \$1.95
 MOUNTING FOR CONTROL BX. 1.00
 MOUNTING FOR TRANSCIEVER 1.50
 ANTENNA ASSEMBLIES FOR SET (2) 1.95
 COMPLETE SET OF PLUGS \$4.95; INDIVIDUAL EA. \$1

CARRIER MONITOR

WHEN COUPLED TO TRANSMISSION LINE PROVIDES DC/AUDIO CURRENT TO LOCAL OR REMOTE POSITION. TWO VACUUM CAPACITORS 3 MMFD 15 KV. ARE SUPPLIED FOR 500 TO 50M WATT TRANSMITTER 2 TO 30 MC. INPUT/OUTPUT IMPEDANCE 600 OHM LINE. OPERATES 115/230 V 60 CYC. WITH TUBES 1/6AL5, 1/6X4, 1/6J6, 1/V103. ALSO OUTPUT JACKS ETC. OUTPUT JACKS & CONTROLS. P/N 1028017; SIZE: 6X6 1/2 X 8 1/2; WT: 15 LBS. PRICE: UNUSED \$8.95 LESS 2 VACUUM COND. \$5.95

TELEPHONE REMOTE CONTROL

TELEPHONE REMOTE CONTROL UNIT WITH HANDSET. UNIT HAS INPUTS FOR TWO MIKES AND ONE RECEIVER, WITH CONNECTION AT TERMINAL BOARD FOR KEYS. AUDIO OUTPUT 1.3 WATTS INTO 600 OHMS. MAY BE USED FOR INTERCOM. POWER REQUIREMENT 115 VOLTS 60, 25 CYC OR DC. TUBES 2/35L6, 35Z5. COMPLETE WITH SPARE PARTS IN WOOD CASE, 9x9x8. SPARE PARTS SET CONTAINS SPARE TUBES, CAPACITORS, RESISTORS, SWITCHES AND JACKS. INSTRUCTION MANUAL INCLUDED. SIZE: 13x12x11 1/2. WT. 55 LBS. NEW \$16.95 #CAY 23304 REC \$16.95

T-30/TRC-8 TRANSMITTER

T-30/TRC-8 TRANSMITTER F.M 12 W. 230 TO 250 MC. CONTINUOUS TUNING, NOT CRYSTAL CONTROL, FREQ. DEV. 100 KC. OPERATES FROM 115/230 V. 50/60 CYC. USING PP-115/TRC-8 POWER SUPPLY. TRANSMITTER TUBES 3/829B, 1/6H6, 2/6SN7, PP-115/TRC8 2/5U4G TUBES. TRANS. SIZE WITH POWER SUPPLY 12x20x12; WT: 80 LBS PRICE: USED LESS TUBES \$24.95 TM-11-618 MANUAL FOR TRC-8 REC. & TRANS. \$3

AM-26/AIC

AUDIO AMPLIFIER USED IN AIRCRAFT COVER REMOVED FOR INTER-COMMUNICATION. CARBON MICROPHONE INPUT, HIGH & LOW IMPEDANCE OUTPUT WITH VOLUME CONTROL. NORMALLY OPERATES FROM 24 VOLTS DC FOR FILAMENTS AND 250 VOLTS DC 60 MA. FOR B THAT WAS SUPPLIED BY A DM-32 DYNAMOTOR THAT WAS MOUNTED ON THE BACK. COMPLETE WITH TUBES 2/12J5 & 2/12A6. FOR CONVERSION TO 9 WATT AMPLIFIER SEE SURPLUS CONVERSION MANUAL #2 PRICED AT \$3.00) SIZE: 9 1/2 x 5 1/2 x 5 1/2; WT: 6 1/2 LBS. USED \$3.95

ARC-5

COMMAND RECEIVERS—TRANSMITTERS

The COMMAND SET series of transmitters and receivers are the most popular surplus items on the market to-day.

The series consist of several units covering the frequency range of 190 KC to 9.1 MC for the receivers and 2.1 to 9.1 MC for the transmitters.



R-26/ARC-5 RECEIVER
3 TO 6 MC.
WITH C-131/AR ELECTRIC OR MANUAL CONTROL FOR 24 V.D.C. OPERAT. WITH COMN. PLUG.
PRICE: GOV'T OVERHAUL.....\$24.95

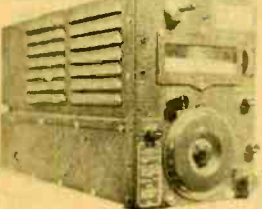
The receivers are six tube superhets using the following tubes, 1/12A6, 2/12XBY, 3/12SK7 & 1/12SR7. Designed to operate from 24 VDC dynamotor, which mounted on the rear of the set, supplying 250 VDC 60 MA.
Size of set 5 x 5 x 11 WT. 6 lbs.



R-24/ARC-5 520-1500 KC NEW \$40.00
R-25/ " 1.5-3.0 MC " 24.95
BC-454 3.0-6.0 MC " 24.95
BC-455 6.0-9.1 MC R-C
Gov't RE-CONDITION W/DYN. 14.95
R-28/ARC-5 100-156 MC USD 22.95

TRANSMITTERS

The transmitters with proper use can put out 50 watts or CW and watts on voice, with the use of the BC-456 modulator which is a separate unit. Dynamotor used with equipment is a DM-33 24 VDC input output 575 VDC 175 MA & mounts on the modulator. Tubes used 2/1625, 1/1626 & 1/1629 magic eye tube for crystal calibration
Size 5 x 7 x 12 WT.9 Lbs



T-18/ARC 2.1 to 3.0 mc new \$12.95 used 9.95
BC-696 3.0-4.0 MC
Gov't RE-CONDITIONED \$12.95
T-20/ARC 4.0 to 5.3 mc used 6.95 new 9.95
T-21/ARC 5.3 to 7.1 mc used 6.95 new 9.95
T-23/ARC 100 to 156 mc new 24.95
T-22/ARC-5 7-9.1 MC. UNUSED 18.95

BC-456 MODULATOR; FOR USE WITH COMMAND TRANSMITTERS WITH TUBES 2/1625, 1/12J5GT & 1/VR-150 VOLTAGE REGULATOR.
SIZE: 7x8x10; WT: 11 LBS. USED \$3.95

AC 115 VOLT 60 CYCLE POWER SUPPLY FOR COMMAND RECEIVERS WITH SPEAKER, VOLUME CONTROL, CW CONNECTOR PLUG ETC. (SEE PAGE 20) \$18.95

35x032 DYNAMOTOR 12 VOLT. \$ 4.95
DM-32 " 24 V. U. \$2.95 N 4.95
SPIN TUNING KNOB FOR REC. 1.00
CONNECTOR PLUGS F/REC-TRANS. 1.50

C-26/ARC CONTROL BOX 1 REC. U.I. 50
BC-496 " " 2 " N I. 95
BC-451 " " 1 TRA. U.I. 50

BC-450 CONTROL BOX 3 RECEIVER 2.00

AMPLIFIER

AM203B/ARA-19 AMPLIFIER; PART OF REMOTE COMPASS TUNING SYSTEM AS USED WITH ARN-6 RADIO COMPASS. PROVIDES AN ACCURATE MEANS OF TUNING ELECTRICALLY. WITH 2/26A7 TUBES 1/12SN7 TUBE. OPERATES FROM 24 VOLT D.C. ALSO HAS 3 SEALED RELAYS, COND. RES. ETC. SIZE: 5x6 1/2 x 4 1/2; WT: 5 LBS. RE-NEW \$3.95



COMMUNICATION RECEIVER



BC 348

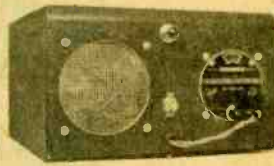
BC-348 AIR FORCE COMMUNICATION RECEIVER: A.M. SIX (6) BANDS 200 KC. TO 500 KC. & 1.5 MC. TO 18 MC. W/CRYSTAL PHASING, ANTENNA ALIGN, BEAT OSCILLATOR AND AUDIO GAIN CONTROLS, VERNIER AND SPEED TUNING, AVC & MVC, PHONE AND SPEAKER JACKS, LARGE ILLUMINATED DIAL, WITH TUBES 1/6 J7, 3/6K7, 1/6C5, 1/6K6, 1/6B8, 1/6F7. VOLTAGE REQUIRED 24 VOLTS AND 220 VDC & 70 MA.
SIZE: 18x10 1/2 x 9 1/2; WT: 40 LBS. (PRICES LESS DYN)
PRICE: USED LESS DYNAMOTOR \$69.50
" " " OPER. CHECKED 79.50
DM-28 DYNAMOTOR USED " " 4.95
FT-154 SHOCK MOUNTING FOR RECEIVER N 2.75
AC POWER SUPPLY WITH SPEAKER 115 VOLT 18.95
PL-103C PLUG FOR REAR OF RECEIVER 2.50

SEA RESCUE

AN/CRC-7 TRANSMITTER-RECEIVER VHF SEA RESCUE 140.58 MC., TWO-WAY COMMUNICATION VOICE OR M.C.W. (CONVERSION TO TWO METER CAN BE FOUND IN SURPLUS CONVERSION MANUAL #3 & SURPLUS SCHEMATICS HANDBOOK HAS SCHEMATIC, PRICE \$3.00 EA.) WITH 3/3A5, & 1/3Q4 TUBES. OPERATES FROM DRY CELL BATT. 1.3 VDC FOR FILAMENTS AND 97.5V FOR B VOLTAGE, HAS 3 PUSH BUTTONS FOR TONE, REC, AND TRANS. ONE ELEMENT IS USED FOR MIC AND PHONE, TELESCOPING ANTENNA. TRANSMITTER IS CRYSTAL CONTROLLED AND RECEIVER IS SUPER-REGENERATIVE.
SIZE: 15" LONG 2 1/2" DIA. WT: 4 LBS.
PRICE: USED..... \$14.95



AC BEACON RANGE RECEIVER



BC1206-C BEACON RECEIVER



BC-1206 AIRCRAFT BEACON RECEIVER 200 TO 400 KC. OPERATES FROM 24 VDC 1.5 AMPS. 135 KC IF. COMPLETE WITH TUBES 2/14H7, 1/14J7, 1/14R7 & 1/28D7. CONTINUOUS TUNING, VOLUME CONTROL, ON/OFF SW. & PHONE JACK. SIZE: 4x4x6 1/2. WT: 5 LBS. SHOWN TO RIGHT.
PRICE: USED CHECKED FOR OPERATION \$9.95 REC. ONLY

AC BEACON RANGE RECEIVER IN CABINET WITH 115 VOLT 60 CYCLE POWER SUPPLY & 4" PM SPEAKER, READY TO OPERATE. SIZE: 10x6x6; WT: 18 LBS.
PRICE, COMPLETE WITH NEW CABINET & POWER SUPPLY AND USED RECEIVER CHECKED \$29.95
SAME AS ABOVE, LESS RECEIVER.. 18.95

POWER SUPPLY ONLY, 115 VOLT 60 CYCLE OPERATION OUTPUT 24 VOLTS DC 1.5 AMPS. MOUNTED ON METAL CHASSIS 6x5x7; WT: 5LBS. KIT...\$7.00 WIRED \$9.95



R-4/ARR-2 RECEIVER 234-258 MC. 11 TUBE AIRCRAFT UNIT FOR RECEPTION OF DOUBLE AMPLITUDE MODULATED CARRIER OPERATES FROM 24 VDC & 250 VDC 60 MA. COMPLETE WITH TUBES 3/6AK5, 7/9001 & 1/12 A6. SIZE: 5x5x11, WT: 6 LBS
PRICE: RE-COND. \$6.95

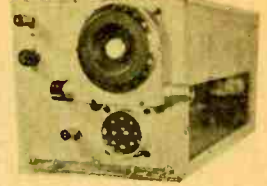
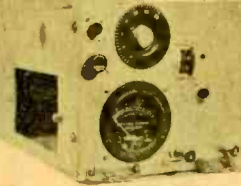


MOUNTINGS- RACKS- FLEXIBLE SHAFTS
FT-234 ONE COMM. TRANS. RACK \$1.50
FT-226 Two " " " 2.00
FT-220 Three " " " 2.00
FT-225 ONE " RECEIVER " 2.00
FT-225 ONE " MODULATOR " 1.50
MC-215 FLEX. SHAFT F/COMM REC. 6 FT. \$1.50 MORE THAN 6' 25EA. X STANDARD SAR SHOCKMOUNTING RACK
FT-167 5x19-5/8" 16-56 LB. 2.75
FT-171 10 1/2 x 19-5/8" 16-56 LB. 3.75

TRANSMITTERS - RECEIVERS

BC-230/430

BC-229/429



BC-230/430 TRANSMITTER

Transmitter approx. 10 watts Voice and 20 watts CW in the freq range of 3000 to 7700 KC by use of plug in coils. Uses tubes 2/10Y, 2/45. Output meter 2" 0 to 1.5 RF. MO control on front panel. Voltage required approx 300 VDC for plates & 12VDC for BC-230 & 24 VDC for BC-430. Size 13"x8"x7". WT. 10 1/2 lbs.

Price with tubes, plug in coils & schematic, UNUSED \$8.95

BC-229/429 RECEIVER

Receiver TRF, uses plug in coils to cover the freq. range of 201 to 398 & 2500 to 7700 KC. Six tubes 1/37, 1/38, 4/39. Voltage required 220 VDC to 275 VDC 80 MA. & 12 VDC for BC-229 & 24VDC for BC-429. Size 16 x 8 x 7. WT 12 lbs.
Price with tubes, plug in coils & schematic, used \$8.95

Control Box BC-231 F/ receiver or BC-232 F/ trans. each \$1.00
Connector plugs for rec, trans., dynamotor or boxes, " \$1.00
Schematic showing rec, trans, boxes etc. \$1.00
Tuning knob for Receiver local control \$1.00
Remote tuning head for receiver \$2.00
Remote tuning shaft for receiver, specify length \$1.50
Separate coils for receiver, specify freq. coverage \$1.75
Dual coil 201-398 & 2500-4700 or 4700-7700 each.
Separate coils for transmitter, specify freq coverage. \$1.75
2500-3200, 3200-4000, 4000-5000, 5000-6200, 6200-7700.
Mountings for Rec., Trans. Dyn. Each mounting \$1.50

TRANS BC-191 SEE PAGE 25 FOR TUNING UNITS

TRANSMITTER AM 100 Watt CW - MCW - Voice, Frequency coverage 200 -500 KC & 1500 - 12,500 KC. by use of plug in tuning units listed below.

Tube line up 1/10Y & 4/VT-4C (211). Complete with tubes, less tuning units. Requires 12VDC for BC-191 & 24 VDC for BC-375 filaments & relay. 1000 VDC 350 MA. plates. Meters 2" for reading 0-8 RF, 0-500 MA, & 0-15 DC. With schematics.

BC-191 F/12 VOLT USED \$34.95



DYNAMOTORS BD-77/12 VOLT; PE-73/24 VOLTS, USED \$12.95
PLUGS FOR TRANSMITTER OR DYNAMOTOR; EACH PLUG \$1.00
CABLES WITH PL-61. PL-64, PL-59.....\$2.75

ANTENNA COUPLER



CU-168 ANTENNA COUPLER; PROVIDES MEANS FOR OPERATING FIVE RECEIVE FROM A SINGLE ANTENNA. THE INPL CIRCUIT TO WHICH THE ANTENNA IS CONNECTED IS DESIGNED FOR OPERATION FROM AN UNBALANCED LINE HAVING A NOMINAL IMPEDANCE OF 70 OHMS. THE OUTPUT TO THE RECEIVER IS ALSO 70 OHMS. COVERS THE FREQUENCY RANGE OF 2-32 MC. WITHOUT ANY TUNING OR ADJUSTMENT. EACH REC. COUPLING CIRCUIT HAS 4/12AJ7 TUBES OF 20 TUBES IN ALL. POWER SUPPLY OPERATES FROM 115 V 50-400 CYCLE. RACK PANEL MOUNTING 19 X 8 1/2, 5U4 TUBE IS USED IN P.S., UG-21 COAXIAL CONNECTORS FOR INPUT CIRCUITS. SHPG. WT: 75 LBS. WITH TUBES UG-21 COAXIAL CONNECTORS, AND MANUAL.

PRICE: NEW \$39.95

DIRECTIONAL ANTENNA

AS-81/GR DIRECTIONAL ANTENNA SYSTEM; DESIGNED AS AN ADDITION TO COMMUNICATION RECEIVERS THIS SYSTEM PERMITS THE USE OF UNIDIRECTIONAL RECEIPTION. TWO LOOP ANTENNAS FOR COVERING THE FREQ. OF 1.1 TO 4.2 MC AND ONE TELESCOPING WHIP ANT. THE UNIT ALSO HAS ONE TUBE TUNEABLE SENSING CIRCUIT USING A 12J5 TUBE AND OPERATES FROM A 12 VOLT VIBRATOR POWER PACK THAT IS SUPPLIED THE COMPLETE UNIT AS DESCRIBED IS CONTAINED IN A CARRYING CHEST 15x14x20 1/2 WITH CABLES AND MANUAL. SHPG. WT: 75 LBS.
RENEW \$19.95



SCR-522 RADIO SET

100-156 MC

RECEIVER-TRANSMITTER AM, FOUR CHANNEL, CRYSTAL CONTROL, 30 WATT OUTPUT, 18 TUBES AS FOLLOWS: TRANSMITTER, 1/6SS7, 2/832, 3/12A6, 1/6G6, RECEIVER: 1/9002, 1/9003, 3/12A6, 1/12C6, 2/12AH7, 1/12H6 & 3/12SG7. BOTH UNITS CAN BE REMOVED FROM CASE SEPARATELY. OVERALL SIZE: 16 1/2 x 12 1/2 x 10-3/4" WT: 49 LBS. PRICE: USED \$29.95



RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE: USED WITH TUBES \$14.95 NO TUBES \$7.95

RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED, WITH TUBES \$14.95 NO TUBES \$7.95

TRANSMITTER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED WITH TUBES \$18.95 NO TUBES \$7.95

BC-602 CHANNEL SELECTOR CONTROL BOX WITH PUSH BUTTONS. BC-602B USED \$1.95 BC-602D NEW \$2.95

NOTE: FOR THE MICROPHONE & PHONE CIRCUITS JACKS CAN BE INSTALLED IN THE BC-602

JB-29 JUNCTION BOX NEW \$2.95
AN-104 ANTENNA, METAL COVERED WOOD NEW 1.95
PE-98 DYNAMOTOR 12 VOLT USED 9.95
PE-94 " 24 " " 4.95

PLUGS REQUIRED FOR THE EQUIPMENT

SCR-522 RECEIVER-TRANSMITTER REQUIRES THE FOLLOWING PLUGS, PL-173 TO ANTENNA PL-169 TO DYNAMOTOR, PL-170 TO JB-29 JUNCTION BOX. \$1.50 EACH

BC-602 CONTROL BOX, REQUIRES FOLLOWING PLUGS, PL-169 TO JUNCTION BOX. \$1.50 EA.

PE-98 OR PE-94 DYNAMOTOR REQUIRES FOLLOWING PLUGS, PL-172 TO BATTERY, PL-171 TO RECEIVER-TRANSMITTER. \$1.50 EA.

JB-29 JUNCTION BOX, REQUIRES THE FOLLOWING PLUGS, PL-170 TO RECEIVER-TRANSMITTER PL-169 TO BC-602 CONTROL BOX. \$1.50 EA.

RA-62 AC POWER SUPPLY FOR SCR-522, OPERATES FROM 115/230 VOLTS 60 CYCLE, SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION. SIZE: 16x11 1/2x11; WT: 75 LBS. PRICE USED \$59.50 REQUIRES PL-171 PLUG FOR HOOK-UP TO REC-TRANS PRICE \$1.50. AC LINE CORD DETACABLE TYPE \$1.00

BC-733 RECEIVER 108.3-110.3 MC AM



AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-POINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY. OPERATES ON SIX CRYSTAL CONTROL PRESET FREQ. COMPLETE WITH TEN TUBES: 1/12AH7, 2/12SG7, 3/717, 2/12SR7, 1/12SQ7 & 1/12A6. VOLTAGE REQUIRED; 24 VDC & 220 VDC 80 MA. WITH SCHEMATIC. SIZE: 13 1/2 x 5 x 7 WT: 17 LBS.

PRICE: USED \$5.95

1-101C CROSS POINT INDICATOR, USED \$1.95
PL-257 PLUG TO FIT 1-101C 1.50

BC-732 CONTROL BOX USED \$1.95 NEW \$2.95
CABLE WITH PL-254 TO FIT BC-733 REC. AND PL-256 PLUG TO FIT BC-732 CONTROL BOX 3 FT. PRICE: \$4.95 PLUGS ONLY 1.50
PRICE: \$4.95 PLUGS ONLY \$1.50 EA.

DM-53 DYNAMOTOR 24 VOLT USED \$4.95 NEW \$6.95
DM-53 AZ " 12 " " NEW 7.95
AS-27 RAMS HORN ANTENNA \$5.95
PL-254 TWIN COAX PLUG F/BC-733-AS-27 1.00

COMPUTER



COMPUTER PRIMARY CONTROL BOX MK-1 CONTAINS 1 AY-232 AUTOSYN, 4 BAND SWITCHES, 4 TOGGLE SW. 6 PILOT LITE 2 SMALL DIRECT LITES, 4 RELAYS, 24 V KNOBS, CONN. ETC. SIZE 6-3/4x10 1/2x6; WT: 10 LBS. \$3.95

NAVIGATIONAL AIR DATA COMPUTER 6 SERVO AMPLIFIERS #SA 118H 1/P. #107861, 1 TEST ADAPTER, POSITIONERS FOR JUMP ANGLE, TRUE AIR SPEED, DYNAMIC PRESURE, AIR DENSITY, ANGLE OF ATTACK & MACH. SIZE: 9x5x17; WT: 40 LBS. USED \$18.95



ARC-3 100-156 MC



R-77/ARC-3 VHF AIRCRAFT TYPE AM RECEIVER, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 9001, 9002, 12A6, 12H6, 12SH7, 12SL7, 2/12SN7, 3/12SG7 & 6/6AK5. VOLTAGE REQUIRED 24 VDC & 210 VDC 125 MA. SIZE: 11x7x15. WT: 21LBS. W/SCHEMATIC PRICE: USED WITH TUBES \$22.50 CONNECTOR FRONT OF SET \$2.50

T-67/ARC-3 VHF AIRCRAFT TYPE TRANSMITTER AM, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 2/832 2/6L6, 1/6J5, 3/6V6 & 1/12SH7. VOLTAGE REQUIRED 24 VDC & 410 VDC 325 MA. SIZE: 15 1/2 x 7 1/2 x 12 1/2. WT: 21 LBS. PRICE: USED WITH TUBES \$22.95



JB-68 JUNCTION BOX FOR ARC-3 RADIO SET USED TO MOUNT DYNAMOTORS DY-22 FOR REC & DY-21 FOR TRANS. ALSO HAS CONNECTOR PLUGS TO HOOK UP REC, TRANS, CONTROL BOX & POWER, & RELAYS. SIZE: 10 1/2 x 3 1/2 x 8 1/2. WT: 7 LBS. PRICE USED \$7.95

CONNECTOR PLUG FOR EACH FACILITY \$2.50 EACH

C-118/ARC-3 CONTROL BOX FOR RECEIVER AND TRANSMITTER. HAS EIGHT PUSH BUTTONS FOR CHANNEL SELECTION AND ONE FOR OFF. SIZE: 6x3x7 WT: 2 LBS. PRICE: \$4.95 CONNECTOR PLUG U-16/U 2.50

IE-36 TEST SET FOR SCR-522 REPRODUCES THE OPERATING FUNCTIONS OF THE CONTROL BOX & JACK BOXES OF THE RADIO BY PROVIDING HEADPHONE & MICROPHONE, CHANNEL SELECTION PLUS ALL OTHER CONTROLS NECESSARY TO OPERATION AND TESTING. CONTROL UNIT BC-1303 PLUGS DIRECTLY INTO THE SCR-522 ALSO HAS PHANTOM ANTENNA & CORD, LAMP EXTRACTOR, ADAPTER PHONE CORD, INSTRUCTION BOOK AND CARRING CASE, 10x10x4; WT: 8 LBS. PRICE: NEW \$6.95

SCR-522 CABLES WITH PLUG ON ONE END AND LUG TERMINALS ON THE OTHER. EACH CABLE \$2.95
CX-58/VRC-1 PLQ-170 PLUG & LUGS, 36" LONG.
CX-60/VRC-1 PL-169 " " " 36" " "
CX-62/VRC-1 PL-172 " " " 66" "

TRANSCIEVER

BC-745 AM TRANSMITTER-RECEIVER COVERING THE FREQ. RANGE OF 2-6 MC PHONE, WITH A RANGE OF FIVE MILES UNDER FAVORABLE CONDITIONS. CRYSTAL CONTROL ON TWO PRESELECTED FREQ. BY USE OF PLUG IN COIL & CRYSTAL ASSY. BC-746. THE SET SIZE IS 6x6x6 AND IS MOUNTED ON A 32" STAFF AND HOUSES THE TELESCOPING ANTENNA WHEN NOT IN USE. COMPLETE WITH TUBES, 1/1S5, 3/1T4 & 5/3S4 & ONE PLUG IN FREQ. ASSY. VOLTAGE REQUIRED 1.5 VDC/5 A, 67.5 VDC/20 MA & 105-125 VDC/50 MA. WT: 10 LB PRICE: USED, \$14.95 UNUSED \$19.95



BC-746 PLUG IN COILS & CRYSTAL ASSEMBLIES CHANNEL #1 3010 Kc CHANNEL #2 5030 Kc CHANNEL #3 5500 Kc CHANNEL #4 5305 Kc ONE OF THE ABOVE SUPPLIED WITH PURCHASE OF SET, ADDITIONAL UNITS \$1.95 EA.

T-39 CHEST UNIT THAT WAS USED TO CARRY DRY CELL BATTERIES, ALSO HAS MICROPHONE, PHONE JACK AND NECESSARY CABLE FOR CONNECTING TO RADIO SET. PRICE: USED, \$3.95 UNUSED \$5.95

PE-157 VIBRATOR POWER SUPPLY; OPERATES FROM 2 VOLT WET BATTERY BB-54 WHICH IS INSTALLED INSIDE THE CASE THAT SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION OF THE RADIO SET ALSO HAS 4" PM SPEAKER, CARRING HANDLE AND CABLE FOR CONNECTING TO SET. SIZE: 11 1/2 x 5 1/2 x 8 1/2 WT 1 1/2 PRICE: USED NO SPEAKER \$10.95 \$12.95

PRESSURIZING UNIT



MK-23/AP PRESSURIZING UNIT: C/O OF A CYLINDER APPROX. 13 IN. LG. 2 IN. DIA. ATTACHED TO A GAGE 0-30, 3/4" INLET CYLINDER AND A 4" HOSE LINE. P/O APS-15 PRESSURIZING KIT. WT: 10 LBS. PRICE: \$3.95

COMPASS RECEIVER



AN/ARN-7 RADIO COMPASS RECEIVER 100 TO 1750 KC

USED FOR AIRCRAFT DIRECTION FINDING BUT CAN ALSO BE USED ON BOATS. THE RECEIVER IS A SUPERHETERODYNE WITH ADDITIONAL CIRCUITS FOR OPERATION OF THE AURAL RECEPTION AS SHOWN ON THE INDICATORS. COVERS THE FREQUENCY RANGE OF 100 TO 1750 KC IN FOUR BANDS CONTINUOUS TUNING FROM CONTROL BOX WHICH IS A SEPARATE UNIT. UNIT OPERATES FROM 115 VOLT 400 CYC & 24 VDC AND IS COMPLETE WITH TUBES 4/6K7, 1/6L7, 1/6J5, 2/6B8, 2/6F6, 1/6N7, 1/5Z4, 1/6SC7 & 2/2051. SIZE: 12x8x19; WT 45 LBS.

R-5/ARN-7 RECEIVER ONLY, USED \$18.95

ITEMS LISTED BELOW ARE REQUIRED FOR ADF OPER.

C-4/ARN-7 Control Box	USED \$3.95	NEW \$5.95
1-81A INDICATOR 3"	USED \$3.95	RENEW 4.95
1-82A " 5"	USED 7.95	
LP-21 AM LOOP ANTENNA	" 9.95	
FT-224 MOUNTING F/C-ACB	" 1.50	
MG-149F INVERTER	" 24.95	
MC-203 SHAFT COUPLING "T"	" 1.00	
MC-136 SHAFT " RT/ANGLE	" 2.50	
BK-22 RELAY JUNCTION BOX	" 2.95	
MC-124 FLEXIBLE SHAFT 2 FT.	1.50	
CD-365 CABLE FOR LOOP 5 FT.		2.75
PL-122 CONNECTOR PLUG FOR RECEIVER		2.50
PL-112 " " " LOOP		2.50
PL-118 " " " 1-81 OR 1-82		2.50

BC-431 COMPASS RECEIVER SIMILAR TO ABOVE REC. IV SIZE, WT: & FREQ. USES DYNAMOTOR, USED \$9.95

MN-26LB RECEIVER 200-410, 550-1200 KC & 2, 9 TO 6 MC. (SEE BELOW FOR ACCESS) LESS OYN. U.S. \$14.95

MN-20C MANUAL ROTATABLE LOOP ANTENNA USED WITH RA-10DB & MN-26 RECEIVERS AS A DIRECTION FINDING ANTENNA IN THE 150 TO 1500 KC RANGE. 7 LBS MC-124 FLEXIBLE SHAFT FOR USE WITH LOOP 10 FT. \$1.95
AC-58267-2 CABLE 5 WIRE SHIELDED FOR ANTENNA CONNECTIONS. 8 FT. PLUG ONE END ONLY. \$1.95



MN-52 AZIMUTH CONTROL FOR MANUAL TURNING OF LOOP WITH CRANK AND BY USE OF FLEXIBLE SHAFT, HAS 0-360 DIAL, GRAIN OF WHEAT LAMP, SWITCH & CRANK. USED \$1.95

MN-40 INDICATOR CONTROL BOXES 0-360 DEGREE SCALE 5" WITH VAR. ADJUSTMENT. SAME AS 1-82 INDICATOR ONLY OPERATES MECHANICALLY INSTEAD ELECTRICALLY BY USE OF SPLINED CONNECTORS AS USED ON MC-124 SHAFT. \$2.8 \$3.00

RADIO COMPASS



RA 101A/ARN-6 RADIO COMPASS WITH A FREQUENCY RANGE OF 100-1750 KC IN FOUR BANDS. COMPLETE WITH TUBES 6/12SK7, 4/12SX7, 1/12SY7, 1/12SQ7, 2/26A7, 2/2050. OPERATES FROM 26.5 VDC. WT. 35L SIZE: 11 1/2 x 7 1/2 x 15 1/2 PRICE: \$39.50

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS. OPERATES FROM 26 VOLTS 400 CYC. SIZE: 10x11x5 WT. 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95 MANUAL FOR RA 101A/ARN-6. \$5.00

ID-91 B/ARN-6 INDICATOR 0-360 DEG. 3 1/2" DIA. INDICATOR FOR ARN-6 RADIO COMPASS SYSTEM \$8.95

C-149 A/ARN-6 CONTROL BOX BOX CONTAINS THE FOLLOWING CONTROLS. OFF-COMP.-ANT.-LOOP; FUNCTION SWITCH, TUNING METER, LOOP L-R SWITCH, LIGHT CONTROL, DIAL BAND SWITCH, CONTROL SWITCH, TUNING CRANK, AUDIO CONTROL, CW- VOICE SWITCH. \$8.95

Headsets — Telephone Equipment — Microphones — Handsets



HS-33 HEADSET
NEWLY MANUF.
HEADBAND & 4 1/2 FT.
CORD WITH PL-55
TYPE PLUG. AIR
FORCE GREY. 600
OHM IMPED. WITH
CHAMOIS CUSHIONS
\$7.95
w/ RUBBER CUSHIONS
\$6.95



HB-7 HEADBAND ONLY
WITH 4 1/2 FT.
CORD AND PL-55
TYPE PLUG. AIR
FORCE GREY.
\$3.00
CHAMOIS CUSHIONS
\$1.50
RUBBER CUSHIONS
\$1.50



HS-23 HEADSET
NEWLY MANUF.
w/4 1/2
FT. CORD &
PL-55 TYPE
PLUG. AIR
FORCE GREY. 2000
OHM IMPED. WITH
CHAMOIS CUSHIONS
\$6.95
w/ RUBBER CUSHION
\$5.95



TELEX MRB-12 50,000 OHM IMPEDANCE HEADSET AND HIGH IMPEDANCE CERAMIC MIKE ON ADJUSTABLE BOOM. FREQ. RESPONSE: MIKE, 50-9000 CPS. HEADSET, 50-10,000 CPS. FIVE FEET CORD WITH 2/PL-55. COMFORTABLE RUBBER CUSHIONS REMOVEABLE FOR CLEANING.
USED, EXCELLENT CONDITION: \$8.95



RM-42 CONTROL UNIT USED TO OPERATE A RECEIVER & TRANSMITTER FROM A REMOTE POSITION WITH 2 CHANNEL SELECTION ALSO USED AS INTER-COM OR CONNECTED TO BE USED AS TELEPHONE SYSTEM. WAS

MAGNETO HAND CRANK GENERATOR FOR RINGING & HANDSET WITH PL-204 ALSO 2 TELEPHONE TYPE SWITCHES, 4 PILOT LIGHTS, VC, ON-OFF SW ETC. REQUIRES WIRES BETWEEN EACH UNIT FOR USE AS TELEPHONE AND BATTERIES. IN METAL CABINET WITH SLOPPING FRONT, SIZE 7 1/2 x 8 x 9 WT: 14 LBS.
PRICE: ... \$9.95



MODEL A-200 \$2.95

ACOUSTICON CORDLESS MICROPHONE AND AMPLIFIER HEARING AID, HEAD BAND TYPE ASSEMBLY CONSISTS OF 2" MIC. AND 3 TUBE AMPLIFIER WITH VOLUME CONTROL AND BATTERY COMPARTMENT MOUNTED IN A LIGHTWEIGHT HEADBAND. USES MERCURY BATTERY RM-1H & MINI-MAX 15 V. 504E EVEREADY. PRICED WITH TUBES, LESS BATTERIES AND PHONE UNIT.
#A200 New: \$2.95



HS-30 HEADSET
250 OHM IMPEDANCE HEARING AID TYPE EAR PCS. FIT INSIDE EAR. LIGHTWEIGHT HEADBAND, CORD 9" LG. WITH SPADE LUGS.
(SEE CD-604 CORD)
USED \$1.00



TELEPHONE TRANSMITTER CHEST SET; 150 OHM IMPEDANCE TRIANGULAR SHAPED BREASTPLATE, HORN MOUTHPIECE TYPE# A-1. NO STRAPS. WESTERN ELECTRIC #396A \$1.50

RM-52 REMOTE CONTROL UNIT (MACY'S PHONE PATCH) USED FOR RE-CONTROL OF RADIO SET, OPERATES FROM 4 FLASHLIGHT BATTERIES. HAS MULTI-TAP TRANSFORMER, MIC, PHONE HIGH/LOW IMPEDANCE & JACKS. BASIC UNIT FOR MAKING MACY'S PATCH. SIZE: 7 1/2 x 3 1/2 x 5 1/2; WT: 5 LBS.
PRICE: USED \$1.95



RM-53 REMOTE CONTROL UNIT BASICALLY THE SAME AS RM-52 ONLY IT HAS A 3 POSITION SWITCH AND CORDS WITH PL-55 AND PL-68 PLUGS.
SIZE: 8 1/2 x 4 1/2 x 4 1/2; 6 LBS
PRICE: USED \$2.95

ACOUSTICON HEARING AID MICROPHONE CASE ONLY WITH TRANSFORMER, VOLUME CONTROL, RESISTORS, CONDENSERS, AND BATTERY HOLDER. NO MICROPHONES TUBES OR BATTERIES SATIN FINISHED GOLD COLOR CASE. SIZE: 2 1/2 x 4 x 1/2. MODEL A-320 CASE ONLY WITH PARTS AS DESCRIBED ABOVE NEW \$3.99

TS-9 HANDSET NO PLUGS WITH BUTTERFLY SWITCH & PUSH TO TALK SWITCH & LUGS
Used \$3.95

TS-11 HANDSET; 4 COND-CORD, 5 1/2", CARBON MIC 50 OHM, PHONE 3500 OHM, w/PL-106 PLUG.
NEW \$4.95

T-17 MICROPHONE CARBON HAND TYPE WITH PUSH TO TALK RE-COND.
\$7.95
SOUND POWERED HANDSET WITH COILED CORD 1-4'
STK #0173012
NEW \$7.95



T-45 LIP MIC

H-144/U HANDSET CAN BE USED FOR HEADSET WITH BOOM BY ADDING WIRE HEADBAND. PHONE 300 OHM MICROP. 40"
MOMENTARY & HOLD SWITCH U77A CONNECTOR, 6 FT. CORD.
USED \$7.95



T-30 THROAT MIC. Elements only \$1.00 a dozen

TELEGRAPH SET



TG-5 TELEGRAPH SET; PORTABLE UNIT USED FOR CODE COMMUNICATION OVER LAND WIRE LINES. TWO OR MORE UNITS CAN BE OPERATED IN SERIES. CAN BE USED FOR CODE PRACTICE OR TEACHING CONTAINS BELL CALL SYSTEM 1000 CYCLE TONE HOWLER, TEL. KEY, HEADPIECE, CANVAS CASE, BOOK ETC. REQUIRES 22.5 AND 2" 1.5 VOLT BATTERIES FOR OPERATION. LESS BATT.
SIZE: 5 1/2 x 10 x 5 1/2; WT: 8 LBS. PRICE: NEW \$9.95

TELEPHONE WIRE WD-1/TT TWISTED PAIR EA. COND. 4 COPPER 3 STEEL INFANTRY WIRE 1000' REELS \$15.00 LESS 2¢ PER FOOT USED

COPPERWELD 2/20 PARR-ELL. SOLID SAME PRICE.

T-45 MICROPHONE CARBON TYPE 100OHM 50DB BELOW 1 MILLIVOLT, FLAT RESPON WITH PL-291 2 CONT MALE PLUG, 11" CORD
USED 75¢



CD-307 CORD EXTENSION FOR CORDS WITH PL-54 PLUG AS USED ON HEADSETS, 65" LG WITH JK-26 JACK & PL-55 PLUG.
USED \$1.00

T-30 MICROPHONE CARBON TYPE, 75 OHM 50DB BELOW 1 MILLIVOLT, FLAT RESPON WITH PL-291 2 CONT MALE PLUG, 11" CORD
PRICE: USED 3/\$1 UNUSED \$1.00

BRUSH CRYSTAL HEADPHONE ELEMENT w/RUBBER EAR PADS LIGHTWEIGHT BU#F6#2 \$1.00 EA.

MICROPHONE BUTTON CARBON 50 OHM WILL REPL. ACE F-1 ELEMENTS. #K-53-0654 \$1.00

SOUND POWERED MICROPHONE IN PLASTIC CASE, PUSH TO TALK BUTTON, NO CORD #5016 USED \$1.50

SOUND POWERED HEADPHONE IN PLASTIC CASE, NO CORD. #R5017 USED \$1.50

R-15 PHONE ELEMENT 6000 OHM w/RUBBER CUSHION F/2" HEADBAND MTG.
\$1.25

PHONE ELEMENT F/TS-9K HANDSET 250 OHM, 2 1/2" DIA w/ CLIPS. K.S #838
\$1.00

CANADIAN PHONE ELEMENT 100 OHM 1 1/2" DIA. FOR 2" HEADBAND. #C-3 10A/36988
\$.75

PHONE ELEMENT F/TS-13, H-23 ET HANDSET, TYPE 41 3500 OHM. AUTO. ELEC. D-5189A
\$1.00

CANADIAN LIGHTWEIGHT HANDSET NO CORD PHONE 300 OHM. 50 OHM #ITE NOI MK-11 YA-7225
\$3.95

CANADIAN MICROPHONE w/ SWITCH & CORD FOR ABOVE PHONE, MAGNETIC 300 OHM, #10A/12 57L
\$1.25

PHONE ELEMENT F/TS-13, H-23 ET HANDSET, TYPE 41 3500 OHM. AUTO. ELEC. D-5189A
\$1.00

CANADIAN LIGHTWEIGHT HANDSET NO CORD PHONE 300 OHM. 50 OHM #ITE NOI MK-11 YA-7225
\$3.95

CANADIAN MICROPHONE w/ SWITCH & CORD FOR ABOVE PHONE, MAGNETIC 300 OHM, #10A/12 57L
\$1.25

STANDARD TYPE TELEPHONE HANDSET & BELL RINGERS CAN BE USED AND ANY COMMERCIAL TELEPHONE LINE OR OR SYSTEMS ON THIS PAGE.
PRICE: \$6.95 EX-CONDITION

STANDARD TYPE TELEPHONE HANDSET & BELL RINGERS CAN BE USED AND ANY COMMERCIAL TELEPHONE LINE OR OR SYSTEMS ON THIS PAGE.
PRICE: \$4.95 EX-CONDITION

STANDARD TYPE TELEPHONE HANDSET & BELL RINGERS CAN BE USED AND ANY COMMERCIAL TELEPHONE LINE OR OR SYSTEMS ON THIS PAGE.
PRICE: \$4.95 EX-CONDITION

DIAL ONLY \$1.75 USED \$1.95

EXCEL COND \$1.95

STANDARD TELEPHONE HANDSET & CORD

HANDSET HOLDER FOR HORIZONTAL MOUNTING, SIZE 1 1/2 x 3 1/2 #6988 \$1.50

TELEPHONE BELL FOR MAGNETO GENERATORS. 1 1/2 x 3 # MC-131 \$1.50

TELEPHONE BELL FOR MAGNETO GENERATORS. 1 1/2 x 3 # MC-131 \$1.50

T-24/M CARBON MICROPHONE WITH PUSH TO TALK BUTTON AND MODIFIED WITH 4 FT. COILED CORD & PL-68 PLUG. WT: 1 LB. PRICE: NEW \$4.95

H-18(M) CARBON MICROPHONE F-1 TYPE ELEMENT MOUNTED ON PLATE 2x4" WITH 4" ADJUSTABLE BOOM & PL-292 PLUG TO FIT CD-318 CORD.
PRICE: \$1.50

DICTIPHONE HEADSET ASSY. LIGHTWEIGHT BAND WITH PLASTIC EAR PICES CONNECTED TO RUBBER TUBE THAT COMES TO A Y THAT EXTENDS TO A RUBBER CUP 4". CAN BE USED AS A VIBRATION TESTER OR A WAY OUT SOUND REPRODUCER. STK # 60262-719
PRICE: \$1.00

TELEPHONE EXTENSION CORD WITH PLUGS. 25 FT. w/4 PRONG MALE & FEMALE CONNECTIONS. \$2.75 WALL & CORD PLUGS TO FIT, EA \$1.25

PUSH BUTTON & CALL SIGNAL LIGHT SAME SIZE AS TELEPHONE DIAL. MAKE OWN INTERCOM. \$3.95 EA. 3/\$1.00

TELEPHONE BELLS USE AS EXTENSION SIZE AS TELEPHONE DIAL. 2 LB. 4x4x1 483661A \$1.50



COILED CORD SET

COILED CORD SETS
THREE CONDUCTOR 24" to 72" 75¢
12" to 36" 50¢
FOUR CONDUCTOR 12" to 36" \$1.00
ONE CONDUCTOR #18 6 FT.-18 FT. \$1.00

MC-385 HIGH to LOW ADAPTER IMPEDANCE FOR HEADSET 4000-6000 OHM USED \$0.50 NEW \$0.75

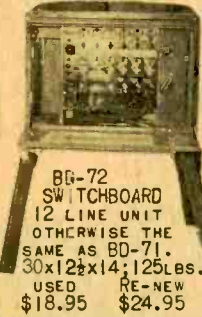
HEADSET EARPHONE CUSHIONS SPONGE RUBBER FOR 2 1/2" ELEMENTS. #48514 \$1.00 PAIR

TELEPHONE EQUIPMENT



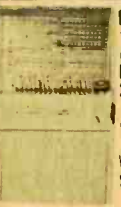
EE-8 FIELD TELEPHONE, PORTABLE HAND RINGING TYPE. CAN BE USED WITH ANY MAGNETO TYPE SYSTEM SWITCHBOARD AS BD-71, 72, 89, 91, 96 ETC. OPERATES FROM 2 FLASHLIGHT BATTERY UP 17 MILES. TWO OR MORE PHONES CAN BE OPERATED ON TWO WIRE LINE. WITH CARRYING CASE, STRAP & HANDSET.

Size: 8x10x3½; WT: 18 LBS.
USED CHECKED LESS BATT. \$15.00



BD-71 SWITCHBOARD, PORTABLE 6 LINE HAND RINGING MAGNETO TYPE USING FLASHLIGHT BATTERIES FOR OPERATION. REPEATING COILS ON TWO LINES FOR SIMPLEXING, DROP SIGNAL AND NIGHT CALL BELL CAN BE USED WITH ANY MAGNETO TYPE TELEPHONES SUCH AS EE-8, RM-29, BD-72, 89, 91, 96 ETC. IDEAL FOR FACTORY, CAMP, FARM, MOTEL.. WITH CHESTSET MICROPHONE & HEADSET. LESS BATTERIES.

Size: 18x12x14; WT: 75 LBS.
RE-NEW \$24.95
USED \$18.95



BD-89 SWITCHBOARD, SINGLE POSITION, TWO PANEL NON-MULTIPLE, MANUALLY OPERATED TELEPHONE SWITCHBOARD. MAGNETO & COMMON BATTERY LINES. 20 MAGNETO, 40 CB, 4 TWO WAY MANUAL, DIAL DROP END TRUNK CKT, 5 CONFERENCE JACKS, 3 OUTGOING CKT., 2 THRU-LINE & 13 UNIVERSAL CORD CKT. WITH CHEST MICROPHONE & HEADSET.

Size: 52x22x31; WT: 300 LBS.
USED \$59.50



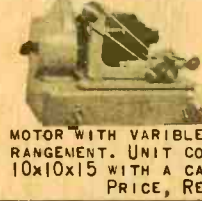
BD-91 SWITCHBOARD, SINGLE POSITION MANUALLY OPERATED FOR SERVING MAGNETO LINES, TWO-WAY TRUNKS AND TIE LINES. RING-DOWN TRUNKS ARE PROVIDED FOR CONNECTION TO MANUAL COMMON BATT. OR DIAL SYSTEMS. DROP SIGNAL FOR INCOMING & RECALL. 20 MAGNETO, 4 UNIVERSAL, 8 CORD, 1 DIAL, 4 CONF. JACKS & 1 OPERATOR. USES DRY CELLS FOR OPERATION.

Size 16x16x42 SET-UP; WT: 200 LBS. \$29.50



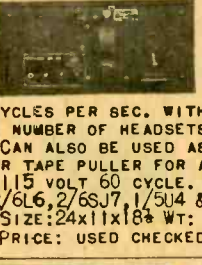
BD-95 SWITCHBOARD; CORDLESS LOCAL BATTERY UNIT EQUIPPED WITH LINE LAMP SUPERVISION AND DESIGNED FOR SWITCHING LOCAL BATTERY LINES MAGNETO TYPE, MAY BE MODIFIED FOR COMMON BATTERY LINES ALSO CAN BE USED WITH OTHER TRUNK, TIE LINE LOCAL BATTERY SWITCHBOARDS.

RE-NEW \$24.95
Size: 22x14x14; WT: 250 LBS.



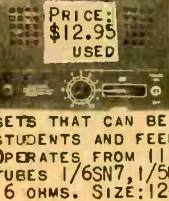
MX-333/GG TAPE PULLER USED WITH CODE PRACTICE TO REEL 3/8" PAPER TAPE AS THE TAPE IS PASSED THROUGH THE RECORDER; HAS CONSTANT SPEED 110 VOLT 60 CYCLE INDUCTION MOTOR WITH VARIABLE SPEED FRICTION DRIVE ARRANGEMENT. UNIT COMES IN A WOOD CARRYING BOX 10x10x15 WITH A CARRYING HANDLE. WT: 27 LBS.

PRICE: RE-NEW \$12.95



TG-10 KEYS IS A AUTOMATIC UNIT FOR PROVIDING AUDIBLE CODE PRACTICE SIGNALS FROM AN INKED TAPE RECORDING. THE OUTPUT OF THE KEYS IS AN AUDIO FREQ. NOTE OF 800 CYCLES PER SEC. WITH SUFFICIENT POWER TO SUPPLY A NUMBER OF HEADSETS OR PRACTICE TABLES DIRECT CAN ALSO BE USED AS A TELEGRAPH KEY AMPLIFIER OR TAPE PULLER FOR A RECORDER. OPERATES FROM 115 VOLT 60 CYCLE. COMPLETE WITH TUBES; 2/6N7, 2/6L6, 2/6S7, 1/5U4 & 1/923.

Size: 24x11x18; WT: 63 LBS.
PRICE: USED CHECKED \$19.95 NOT CHECKED \$14.95



VO-3 OSCILLATOR IS AN ELECT-AUDIO TONE GENERATOR WITH A 10 WATTS OF POWER OUTPUT AT A FREQ. OF 800 CYCLES PER SEC COND. THIS POWER IS ADEQUATE FOR SUPPLYING TONE TO 200 HEADSETS THAT CAN BE KEYS BY THE INSTRUCTOR OR STUDENTS AND FEED INTO A SPEAKER OR RECORDER. OPERATES FROM 115 VOLT 60 CYCLE, COMPLETE WITH TUBES 1/6SN7, 1/5U4 & 2/6V6GT, OUTPUT 4, 8, 12 & 16 OHMS. SIZE: 12x10x7½; WT: 24 LBS.

PRICE: USED \$12.95

GAS ENGINE GENERATOR



COMPACT, LIGHTWEIGHT, PORTABLE ELECTRIC GENERATING SET CONSISTING OF 1 HP, 3000 RPM 1 CYLINDER, AIR COOLED, 2 CYCLE, MANUAL ROPE STARTING GASOLINE ENGINE DIRECTLY CONNECTED TO A DC, SHUNT WOUND, SELF EXCITED, FOUR POLE GENERATOR CONTAINED IN A FRAME OF TUBULAR CONSTRUCTION MOUNTED ON A RUBBER SHOCK MOUNTING. GENERATOR OUTPUT IS 6.2/7 VDC 3.5 AMP. AND 500 VDC 230/250 MA. UNIT HAS JUNCTION BOX FOR CONNECTING CABLES FOR USE WITH USE WITH RADIO SETS SCR-694/BC-1306, AN/GRC-9/RT-77 AND IS APPLICABLE TO OTHER EQUIPMENT. COMPLETE WITH TOOL AND INSTRUCTION BOOK. SIZE: 17x16x11; WT: 57½ SHPG. WT: 125 LBS.

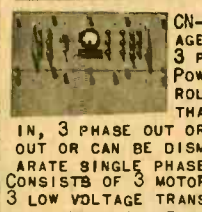
NEW \$39.95

HYDROPHONE

MAGNETOSTRICTION TYPE UNIT 20 KC RESONANT FREQUENCY. THIS IS A STANDARD SECTION OF AN ASSY. AS USED IN AN/SQS-10 EQUIPMENT.

(HYDROPHONE IS A TYPE MICROPHONE DESIGNED TO BE ACTUATED BY WATER Borne SOUND WAVES AND MAGNETOSTRICTION IS THE CHANGE IN THE DIMENSIONS OF A FERROMAGNETIC OBJECT WHEN PLACED IN A MAGNETIC FIELD.)

Size: 3x5x1½; WT: 3 LBS.
STK#875446 Y-901 PRICE: NEW \$4.95



CN-359/GPA-23 REGULATOR VOLTAGE. 120/208 VOLTS 60 CYCLE, 3 PHASE, 27 KVA. MOTOR DRIVEN POWERSTAT ELECTRONICALLY CONTROLLED. THREE SEPARATE SYSTEMS THAT WILL GIVE CONTROL, 3 PHASE IN, 3 PHASE OUT OR 3 PHASE IN, SINGLE PHASE OUT OR CAN BE DISMANTLED AND HAVE THREE SEPARATE SINGLE PHASE IN AND SINGLE PHASE OUT. CONSISTS OF 3 MOTORIZED POWERSTAT TRANSFORMERS 3 LOW VOLTAGE TRANS. 3 ELECTRONIC CONTROL CHASSIS, SWITCHES, FUSES, METER ETC. USED CHECKED

Size: 27x31x26; WT. SHPG. 420 LB. \$175.00

VOLTAGE REGULATOR

120 VOLTS 60 CYCLE SINGLE PHASE 9 KVA. ONE SECTION REMOVED FROM THE ABOVE 3 PHASE UNIT. METER, SWITCHES, FUSES ETC. WILL HAVE TO BE ADDED, DIAGRAMS FURNISHED. ELECTRONIC VOLTAGE REGULATION, JUST SET THE VOLTAGE UNDER LOAD AND IT WILL REMAIN CONSTANT. CONSISTS OF MOTORIZED POWERSTAT TRANSFORMER, LOW VOLTAGE TRANSFORMER & ELECTRONIC REGULATOR CHASSIS SHPG. WT: 125 LBS. PRICE, AS DESCRIBED \$49.95

BC-653 TRANS.

BC-653 TRANSMITTER 2-4.5 MC 50 WATT VOICE, 100 WATT CW. RANGE 25 TO 50 MELES DEPENDING ON CONDITIONS.

MASTER OSCILLATOR CONTROL, FOUR PRESET CHANNEL SEVEN TUBES; 2/814, 807, 2/1613, 2/VR-105. TWO 2½" METERS FOR READING FILAMENT AND PLATE VOLTAGES, AND CURRENT, AND OUTPUT METER. VOLTAGES REQUIRED: 12 VDC, 1000 VDC 220MA, 500 VDC 185MA. SIZE: 26x14x12; WT: 140 LBS. \$29.95

DM-42 DYNAMOTOR 12v USED \$4.95
FT-253 MOUNTING BASE TO HOLD RECEIVER AND TRANSMITTER. USED \$3.95
34x12x3 . WT. 30 LBS. UNUSED 5.95

FREQUENCY METER

BC-438 FREQUENCY METER 195-215 MC CRYSTAL CONTROLLED (CRYSTAL FREQ. 4100KC), 5" VERNIER DIAL, OPERATES FROM 115 VOLT 60 CYCLE WITH TUBES 6X5, 6K7, 6J5, 6V6 & 6A8. USED

Size: 8x16x8; WT: 25 LBS. \$12.95

LINK TYPE 23J FREQUENCY METER, 376-418 MC. CRYSTAL CONTROLLED, (CRYSTAL FREQ. 2970 KC), 5" VERNIE DIAL, OPERATES FROM 115 VOLT 60 CYC WITH TUBES 6X5, 6K7, 6J5, 6V6 & 6A8. SIZE: 8x16x8; WT: 25LBS, USED \$12.95

ANTENNA COUPLER

ANTENNA COUPLER AND ACCESSORY CASE. USED TO CHECK R-F POWER OUTPUT AND ELLIPTICITY OF CIRCULARLY POLARIZED ANTENNAS FROM ELECTRONIC COUNTERMEASURES SYSTEMS UNDER ACTUAL OPERATING CONDITIONS. FREQUENCY 950-10,500 MC. COUPLING ATTENUATION 40-3 DB. POWER DISSIPATION 500 WATTS. ACCESSORY CASE CONTAINS ATTENUATORS AND ATTACHMENTS FOR TESTING VARIOUS FREQUENCIES. ANTENNA COUPLER SIZE: 12x21, WT. 22 LBS. ACCESSORY CASE; SIZE: 12x12x16, WT. 28 LBS. #7507649P22 PRICE: \$39.95

ANTENNA COUPLER STAND, EXTENDS TO 90". SIZE: 39x5 INCHES. WT. 30 LBS. PRICE: \$9.95



BC-1253 RADIOSONDE TRANSMITTER OPERATES AT 397 MC; SENDING A CONSTANT SIGNAL TO BE RECEIVED BY RADIO DIRECTION FINDER, WHILE BEING CARRIED IN THE ATMOSPHERE BY A FREE BALLOON. COMPLETE WITH ONE 955 ACORN TUBE. REQUIRES 1.5, 6 & 115 VOL BATTERIES. SIZE: 3x5x6; WT: 8 OZ. PRICE: NEW \$.59 2 FOR \$1.00



TUNER ASSEMBLY FOR 2 TO 6 MC. Part of BC-728 RECEIVER, which consists of four channel push button assy. with RF, ANT, & OSC. coils all slug tuned. Also cond. resistors etc. Size 4 x 4 x 3 1/8 Stock#204728/74. Price \$1.00



BOMB DIRECTOR COMPUTER

COMPUTER MK-20 MOD 2; CP#15A/ASG-10. COMPUTER FOR BOMB DIRECTOR. REGULATED POWER SUPPLY WITH 27 VDC INPUT; OUTPUT 285 VDC @ 75 MA.. 88 PRECISION RESISTORS ALSO REKEYS AND OTHER PARTS ALL IN VACUUM SEALED CASE. TUBES 2-2050; VR 15C 6-11. SIZE: 14X10X8 WT. 30LB USED \$7.95

ANGULAR RATE CONTROL PART OF AUTOMATIC PILOT B-1. CONSISTS OF 3 SEPARATE PLUG IN GYROS NAMELY ROLL PITCH & YAW, size 4x4x5. ALSO CONTAINS RECTIFIERS, TRANSFORMERS, CONDENSERS, REGULATORS, CONTROLS ETC. STK#1JD405-65. SIZE: 10x11x7½ WT: 25 LBS

MAGNETIC AMPLIFIER

TRANSMITTER SUB-ASSY. FILAMENT CHASSIS, PART OF AN/ALT-8 COUNTERMEASURES SET. CONSISTS OF CK927 FULL WAVE RECTIFIER CK843 SILICON RECT., TWO CK846 SILICON RECT., MAGNETIC AMPLIFIER TRANS. FIL. TRANS. 115/400CYC. SEC. 6.3/6A. MINIATURE POTS. AND DPST RELAY ALL MOUNTED ON CHASSIS 7x3x3½; WT: 3LBS. PART#2527-501-G1 PRICE: NEW \$1.95

TS-545 ECHO BOX; USED FOR CHECKING RADAR SETS IN THE FREQ. RANGE 1150 TO 1350 MC. TUNED CAVITY MANUAL TYPE METER 3" 0-100 DC MICRAMPERES. SIZE: 16x9x9; WT: 23 LBS. USED \$39.50

TS-270 ECHO BOX; SIMILAR TO ABOVE ONLY FREQ. 2630 TO 2970 MC. PRICE: USED \$39.95

TG-34A KEYS

CODE PRACTICE SET USED TO REPRODUCE SIGNALS PREVIOUSLY RECORDED ON INKED PAPER TAPES. VARIABLE SPEED MOTOR, KEYING OSCILLATOR WITH SPEAKER AND PHONE JACK. OPERATES FROM 115/230 50/60 CYC. HOUSED IN PORTABLE CARRYING CASE. SIZE 15x10x10; WT: 40 LBS. PRICE: RE-NEW, CHECKED \$24.95

BLANK PAPER TAPE: 3/8" FOR TG-34, TG-10 KEYS 900 FT. ROLLS EACH \$.25 ; 30 ROLLS \$5.00

TELETYPE PERFORATOR TAPE, 11/16" WIDE, APPROX 900 FT. OILED. 10 ROLLS FOR \$2.50

INVERTERS



INPUT: 27.5 VDC 150 AMP.
OUTPUT: 115 VAC 2500 VA
400 CYC 1 PHASE
SIZE: 15 x 11 1/2 x 8 WT 58 LBS.
JACK & HEINTZ F-46-2
USED \$39.50

JACK & HEINTZ F-45-3
INPUT: 27.5 VDC 150 AMP.
OUTPUT: 115/200 V. 400 CYC
1/3 PHASE, 2250/2500 VA
SIZE: 19x11x8; WT: 75 LBS.
PRICE: USED \$49.50



MG-149F INVERTER

INPUT: 24 VDC 36 AMPS.
750 VA
OUTPUT: 115 V 400 CYCLE
1 PHASE 500 VA
26 V 400 CYCLE
1 PHASE 250 VA
SIZE: 12 x 7 1/2 x 8, WT: 21 LB.
PRICE: USED \$24.95

CONNECTOR PLUG TO FIT \$1.50



RA-87 AC RECTIFIER

Selenium type rectifier use with
teletype printers operates from
115/230 volts 50-60 cycle output
115 volts DC .400 amps & 110 volt
50 - 60 cycle. Size 14 1/2 x 7 1/2 x 8
WT. 43 lbs.

NEW \$8.95



RA-62 AC POWER SUPPLY

Power Supply used with SCR-522
Transmitter-Receiver supplies
all the necessary voltages.
INPUT: 115/230 60 Cycle
OUTPUT: 300 VDC 230 MA.
-150 VDC 8 MA.
13 VDC 3.9 AMPS.
Completely fused & filtered.
Size 16 x 11 1/2 x 11 WT. 75 lbs.
PRICE: USED CHECKED \$59.50



G-24 AC & DC GENERATOR

OUTPUT
115 VAC 800 CYCLE 10.5 A.
28 VDC 60 AMP. @ 2400 RPM.
SPLINE SHAFT SIZE 7/8x1 1/2
SIZE: 6 1/2 x 7 1/2 x 13; WT: 45 LBS.
RE-COND. \$19.95



D.C. AIRCRAFT MOTOR
GE# 58A50LJ29- HP .4
RPM 3000 ARM.V 60 FLD.V 27
AMPS. FLD. 2.3, ARM. 6.5
DUTY 10 MIN. INT. AT FULL
RATING.
SHAFT, CORK SCREW 5/8" DIA.
FLANGE MTG. 3/8 IN CNTS.
SIZE 6 1/2" LESS SHAFT 4 1/2 x 4 1/2
WT: 11 LBS. UNUSED \$4.95



AIRCRAFT MOTOR
MAXSON MODEL 118 H.P. 1
RPM 5800; 24 VOLTS DC
55 AMPS., SPLIT FIELD,
REVERSIBLE SHUNT, DOUBLE
END SHAFTS WITH GEAR 1 1/2"
1/3-8", FLANGE MTG. 3/8" CT.
SIZE: 6 1/2 x 4 1/2 x 4 1/2; WT: 15 LBS.
UNUSED \$4.95

ELECT. ENG. MFG.
TYPE C-368 26VDC
35 AMPS. 600 WAT
1/2 HP, APP. 3000
RPM. VERT. KEYS 12 LBS
SHAFT 3/8" DIA. 3/16 SLOT.
FL. MTG. 3/8" CT. 7" LG. \$4.95

INVERTER
INPUT
27.5VDC 60A
OUTPUT
115 V 400 CY
750 W 3 PHASE
26 V 400 CY
50 W 1 PHASE
SIZE 11x10x6; WT: 40 LBS.
LELAND#10285 USED \$34.95

INVERTER
INPUT
27VDC 22A
OUTPUT
115V 400 CY
3 PH 250 VA
SIZE 9x6x4; WT: 15 LBS.
ECLIPSE#E-1617-1 USED \$14.95

VIBRATOR POWER SUPPLY
TWO 6 VOLT SUPPLIES ON A
COMMON CHASSIS USING OZ4
RECTIFIER TUBES, OUTPUT 540
VDC @ 150 MA. CAN BE TAPPED
AT 270 VDC 150 MA.
SIZE: 9x6x5; WT: 10 LBS.
STK#3H6694-5 UNUSED \$9.95

MINI VIBRATOR SUPPLY
PP-855/PRC-14, AIRPAX No.
A-1063, VIBRATOR TYPE WITH
FILTER NETWORK, INPUT 6VDC
5.35 AMPS. OUTPUT 135 VDC
155 MA. VIBRATOR MOUNTS
OF UNIT. 7x2 1/2 x 2 1/2; WT: 3 LB;
NEW \$4.95

PP-18/AR VIBRATOR
TYPE CONVERTER
INPUT 12VDC 4 AMP
OUTPUT 28 VDC 1.5
AMPS, FILTERED.
USES A NITROGEN
SEALED VIBRATOR. USED TO OP
ERATE 28 VOLT EQUIPMENT FRO
12 VOLTS. TWO OR MORE CAN
BE WIRED IN PARALLEL TO OBT
AIN A HIGHER CURRENT OUTP
UT. WITH PLUGS, MTG & SPARI
VIBRATOR, 6 1/2 x 5 1/2 x 8 1/2; WT: 9 LBS.
NEW \$7.95 USED \$4.95

FT-498 SHOCK
MOUNTING WITH
FOUR 10 LB.
RUBBER MOUNTS ON A ALUMINUM
PLATE 13x8x1 1/2; WT: 2 LBS.
PRICE: \$1.00

VOLTAGE REGULATOR
INPUT 21-30 V.D.C
5 AMPS. REGULATION
18-30 VDC #45M281
SIZE: 4x3; 3LBS.
\$1.50

PI GENERATOR

OUTPUT: 28 VDC 200 AMPS.
2500 TO 6000 RPM.
SPLINED SHAFT 7/8 x 1 1/2;
SIZE 6x8x14 1/2; WT: 48 LBS.
PRICE: USED \$19.95

12 VOLT GENERATOR
50 AMPS. 38 LBS
SIZE 9x6x6
SHAFT 3/4x2
KEYED & NUT
DELCO#1106461
PRICE: NEW \$9.95

PE-115 PHILCO
INVERTER 28VDC
36 AMP. INPUT.
OUTPUT 90 VOLT
800 CYCLE 7.2
AMP. (NO VOLT
AGE REGULATOR
11x10x7; 40LBS
USED \$12.95

GENERATOR GAEN-211219C

OUTPUT: 12.5 VDC 4 AMPS.
240 VDC 100 MA.
INPUT DRIVE: 3/16 HP.
3450 RPM.
SHAFT SIZE: 3/8 x 1 1/2
MOTOR SIZE: 5 x 6 x 9 WT. 25 lbs.
Used: \$4.95 New \$6.95

DYNAMOTOR
DY-85 VRC-2X
INPUT: 24 VDC 8 AMP.
OUTPUT: 600 VDC 175 MA.
SIZE: 7x4x4 1/2; WT: 10 LBS.
PRICE: NEW \$3.95

INVERTERS

EICOR #1-3112-1
INPUT: 26 VDC 6 AMP.
OUTPUT: 26 VAC 400 CYC.
VOLT/AMP: 40 1 PHASE
DUTY: CONT. 1.0 P.F
SIZE: 7 1/2 x 3 1/2; WT: 8 LBS.
PRICE: NEW \$8.95

PU-16 INVERTER

INPUT: 28 VDC 60 AMPS.
OUTPUT: 115 VAC 6.5 AMPS.
400 CYCLE 1 PHASE
Used: \$18.95
Size: 7 x 15 x 9 WT. 38 lbs.

5D21NJ3A INVERTER

INPUT: 27 VDC 35 AMPS.
OUTPUT: 115 VAC 2.17 AMPS.
400 CYCLE 1 PHASE
Used: \$14.95 Unused \$24.95
Size: 9 x 6 1/2 x 5 1/2 WT. 20 lbs.

INVERTER
800-1-A
WT. 35 lbs.
Size 4 1/2 x 8 x 12

INPUT: 24 VDC 75 AMPS.
OUTPUT: 115 VAC 800 CYCLE
1 Phase 10.5 AMPS.
USED \$12.95



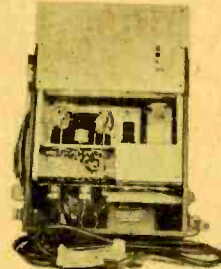
PE-237 POWER SUPPLY
VIBRATOR TYPE

INPUT: 6 VDC 27 AMPS.
12 VDC 13.2 " "
24 VDC 7 " "
OUTPUT: 525 VDC 90 MA.
105 VDC 42 MA.
6.5 VDC 2 AMPS.
6 VDC 500 MA.
1.3 VDC 450 MA.
130 VDC 17 MA.

With tubes & vibrator.
Size 10 x 10 x 17 WT. 70 lbs.
USED \$14.95 RE-NEW \$19.95



CARTER GENEMOTOR
MOTOROLA#259K1003
INPUT: 26.1 VDC 7 AMPS
OUTPUT: 405 VDC 270 MA.
SIZE: 7x4x5; WT: 12 LBS.
USED \$2.95 NEW \$3.95



PE-120 Power Supply

INPUT: 6 VDC 4.5 AMP.
12 VDC 2.5 AMF.
24 VDC 1.5 AMP.
OUTPUT: 145 VDC 75 MA.
90 VDC 40 MA.
1.5 VDC .75 AMP.

Vibrator type voltage regu-
lated complete with tubes
OB-3/VR-105, 1005 & Ballast.
Also vibrator for 12 VDC.
Size 4 1/2 x 13 1/2 x 15 1/2 WT. 29 lbs
RE-NEW \$7.95



VRC-2 DYNAMOTOR

INPUT: 5.5 VDC 31 AMPS
OUTPUT: 600 VDC 175 MA
SIZE 7 x 4 1/2 x 4 1/2 WT: 8 LBS
STK. # 3H1514-5
PRICE RE-NEW \$7.95



PE-49
GASOLINE
ENGINE
GENERATOR

INPUT OUTPUT
VOLTS AMPS. VOLTS AMPS.
26 4.3 360 CONT. 135
26 7.8 310 INT. .355
SIZE: 9x5x3 1/2; WT: 10 LBS.
RE-MOVED F/EQUIP. \$9.95



Size: 5 x 8 x 12 WT. 35 lbs.

PE-98 DYNAMOTOR

INPUT: 14 VDC 21 AMPS.
OUTPUT: 300 VDC 260 MA.
150 VDC 10 MA.
USED \$5.95 UNUSED \$9.95

PE-94 DYNAMOTOR

INPUT: 28 VDC 10.5 AMPS.
OUTPUT: 300 VDC 260 MA.
150 VDC 10 MA.
14.5 VDC 5 AMPS.
Used \$4.95



TCS POWER SUPPLY
COLLINS 21881

INPUT: 12 VDC 14.5 AMP.
OUTPUT: 400 VDC 200 MA.
225 VDC 100 MA.
Size: 7 1/2 x 7 x 13 WT. 28 lbs.
UNUSED \$14.95



Size 6 1/2 x 8 x 12 WT. 30 lbs.

DY-17 DYNAMOTOR

INPUT: 27 VDC 32 AMPS
OUTPUT: 400 VDC 750 MA.
750 VDC 350 MA.
USED \$12.95



PP-868/U VIBRATOR
POWER SUPPLY

INPUT: 12 DC 2.0 AMP.
OUTPUT: 6.3 AC 1.0 AMP.
6.3 " .45 " "
1.4 DC 1.25 " "
155 DC 15 MA.
150 DC 5 " "
140 DC 50 " "
40 DC .5 " "
SIZE: 5x6 1/2 x 7; WT: 12 LBS.
PRICE: USED \$9.95

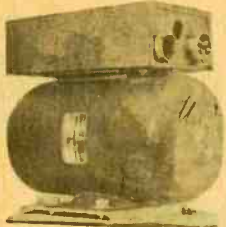


DY-9B/ARC DYNAMOTOR

INPUT OUTPUT
VOLTS AMPS. VOLTS AMPS.
26 4.3 360 CONT. 135
26 7.8 310 INT. .355
SIZE: 9x5x3 1/2; WT: 10 LBS.
RE-MOVED F/EQUIP. \$9.95

GENERATOR OUTPUT 1000 VDC
350 MA & 14.6 VDC 25 AMPS.
ENGINE: 1 CYCL. 4 CYCLE
APPROX. 3 HP.
SIZE: 36x20x25; WT: 275 LBS.
PRICE: \$75.00

DYNAMOTORS



Size 6½ x 10 x 11 WT. 38 Lbs.
With fuses and starting relay.

ED-77 DYNAMOTOR

INPUT: 14 VDC 39 AMPS.
OUTPUT: 1000 VDC 350 MA.

PE-73 DYNAMOTOR

INPUT: 28 VDC 19 AMPS.
OUTPUT: 1000 VDC 350 MA.
used \$12.95

DM-42 DYNAMOTOR



USED
\$4.95

INPUT: 12 VDC 39 AMPS.
OUTPUT: 515 VDC 215 MA.
" 1030 " 260 MA.
SIZE: 7x7x11 WT: 38 LBS.



DY-17/ART-13 DYNAMOTOR ONLY

INPUT: 27 vdc 32 AMP
OUTPUT: 400 vdc 750 MA
750 " 350 MA
SIZE: 11½x5; WT: 17 LBS.
UNUSED \$9.95



PE-98 PE-94 DYNAMOTORS ONLY

PE-98 DYNAMOTOR ONLY
INPUT: 14 VDC 21 AMPS.
OUTPUT: 300 VDC 260 MA
-150 VDC 10 MA
SIZE: 12x5x5; WT: 26 LBS.
UNUSED \$5.95

PE-94 DYNAMOTOR ONLY
INPUT: 28 VDC 10.5 AMPS
OUTPUT: 300 VDC 260 MA
-150 VDC 10 MA
14.5 " 5 AMPS
SIZE: 12x5x5; WT: 26 LBS.
UNUSED \$4.95



DA-19A DYNAMOTOR

INPUT: 28 vdc 11 AMPS.
OUTPUT: 400 " 400 MA.
SIZE: 7½x4½x4½; WT: 13 LBS
UNUSED \$4.95

BRUSH SETS



DM-21	DM-25	DM-28	DM-32
DM-33	DM-34	DM-35	DM-36
DM-37	DM-40	DM-41	DM-42
DM-43	DM-45	DM-53	
BD-83	BD-93	BD-77	
PE-73	PE-86		
DA-12	DA-14	DA-1A	
DY-21	DY-22		
SP-125			35x032

OTHER TYPES ALSO AVAILABLE
SET OF FOUR BRUSHES \$1.00



Size 3 x 3½ x 4½, Wt. 3 lbs.

DM-32 DYNAMOTOR

INPUT: 28 VDC 1.1 AMPS.
OUTPUT: 250 VDC 60 MA.
Price: Used \$2.95 New \$4.95

TYPE 35 x O32

(Same as DM-32 only 12V)

INPUT: 14 VDC 2.4 AMPS.
OUTPUT: 250 VDC 60 MA.
Price: New \$4.95

DM-53 AZ DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 VDC 80 MA.
Price: NEW 7.95

DM-53 DYNAMOTOR

INPUT: 28 VDC 1.4 AMPS.
OUTPUT: 220 VDC 80 MA.
NEW \$6.95 USED \$3.95



Size 3 x 3 x 4½, Wt. 3 lbs.

DM-45 DYNAMOTOR

INPUT: 24 VDC 1.1 AMPS.
OUTPUT: 250 VDC 50 MA.
Price: Used \$2.95 New \$4.95

DM-25 DYNAMOTOR

INPUT: 12 VDC 2.2 AMPS.
OUTPUT: 250 VDC 50 MA.
Price: Used \$2.95 New \$4.95



WEST 12B534 DYNAMOTOR

INPUT: 24 VDC 1.75 AMPS.
OUTPUT: 300 VDC 70 MA.
Price: Used \$2.95 New \$4.95

Size 3 x 3 x 4½, Wt. 3 lbs.
Dynamotors listed below
same size only less base.

DM-6936 DYNAMOTOR

INPUT: 28 VDC 1.1 AMPS.
OUTPUT: 250 VDC 60 MA.
Used \$1.95 Unused \$3.95

DMX-310A DYNAMOTOR

INPUT: 12 VDC 2.8 AMPS.
OUTPUT: 150 VDC 100 MA.
Used \$2.95 Unused \$4.95

TYPE 5047 DYNAMOTOR

INPUT: 27 VDC 1.75 AMPS.
OUTPUT: 285 VDC 75 MA.
Used \$3.95 Unused \$5.95

RADIO NOISE
FILTER 100
AMPS. 50 VDC
GE#1C202
SIZE 4x4x2
PRICE: \$.50



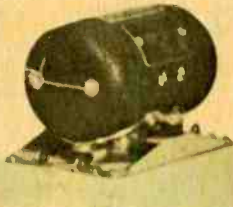
Size 3 x 4½ x 6½, Wt. 5 lbs.

DM-34 DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 VDC 80 MA.
Used \$2.95 Unused \$4.95

DM-36 DYNAMOTOR

INPUT: 28 VDC 1.4 AMPS.
OUTPUT: 220 VDC 80 MA.
Used \$2.95 Unused \$4.95



Size 3½ x 5 x 5½, Wt. 3½ lbs.

PE-86 DYNAMOTOR

INPUT: 28 VDC 1.25 AMPS.
OUTPUT: 250 VDC 60 MA.
PRICE: Used \$2.95 New \$4.95



Size 3½ x 5 x 6½, Wt. 5½ lbs.

DM-28 DYNAMOTOR

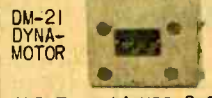
INPUT: 27.9 VDC 1.25 AMP
OUTPUT: 220 VDC 70 MA
PRICE: USED \$6.95



INPUT: 12 VDC 9.9 AMP.
OUTPUT: 400 " 180 MA.
SIZE: 4x4½x7; WT: 10 LBS.
PRICE: UNUSED \$6.95

DA 14A SPECIMEN WITH BASE

INPUT: 14/28 VDC 3.3/1.6 A
OUTPUT: 230 VDC 100 MA.
SIZE: 3½x3½x6; WT: 6 LBS.
UNUSED \$6.95



INPUT: 14 VDC 3.3 AMP.
OUTPUT: 235 VDC 90 MA.
SIZE: 6x5x3; WT: 8½ LBS.
PRICE: USED \$7.95

DY-21 DYNAMOTOR

INPUT: 27 VDC 7 A
OUTPUT: 410 " 325 MA.
SIZE: 7½x3x3½; WT: 8½ LB
PRICE: USED \$7.95



Size 4½ x 5½ x 6½, Wt. 10½ lbs.

ED-83 DYNAMOTOR

INPUT: 14 VDC 6.5 AMPS.
OUTPUT: 375 VDC 150 MA.
UNUSED \$7.95

CW21441 DYNAMOTOR

INPUT: 28 VDC 2.9 AMP
OUTPUT: 330 " 135 MA
NEW \$3.95

DM-116 DYNAMOTOR

INPUT: 28 VDC 3.1 AMPS.
OUTPUT: 330 VDC 470 MA.
Used \$1.95 Unused \$3.95

ED-93 DYNAMOTOR

INPUT: 28 VDC 3.2 AMPS.
OUTPUT: 375 VDC 150 MA.
Used \$2.95 Unused \$4.95



Size 4 x 7 x 6½, Wt. 10½ lbs.

PE-133 DYNAMOTOR

INPUT: 12 VDC 2.3 AMPS.
OUTPUT: 230 VDC 90 MA.
Used \$4.95 Unused \$6.95



Size 5½ x 6 x 8½, Wt. 12½ lbs.

TYPE 377 DYNAMOTOR

INPUT: 14 VDC 8 AMPS.
OUTPUT: 425 VDC 163 MA.
Used \$6.95 Unused \$9.95



Size 5½ x 3½ x 7, Wt. 7 lbs.

DM-40 DYNAMOTOR

INPUT: 14 VDC 3.4 AMPS.
OUTPUT: 172 VDC 138 MA.
PRICE: USED \$3.95

INPUT: 13/26 VDC 12.6/6.3A
OUTPUT: 400 " 135 MA.
800 " 20 "
9 v 80 cyc 1.12 AMP.
SIZE: 14x4½x7; WT: 15 LBS.
PRICE: NEW \$7.95

CONNECTOR PLUG 1.50



Size 4½ x 4½ x 8½, Wt. 13 lbs.

DM-35 DYNAMOTOR

INPUT: 12.5 VDC 18.7 AMPS.
OUTPUT: 625 VDC 225 MA.

NOT AVAILABLE

DM-37 DYNAMOTOR

INPUT: 25.5 VDC 9.2 AMPS.
OUTPUT: 625 VDC 225 MA.
UNUSED \$4.95



BD-69 DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 " 80 MA.
SIZE: 6½x6x4½; WT: 10 LBS.
UNUSED \$3.95



CAY-21772 DYNAMOTOR

INPUT: 12 vdc 3 AMPS.
OUTPUT: 235 vdc 75 MA.
SIZE: 6½x5x4 w/MTG. 7 LBS.
UNUSED \$4.95



DA 1A

INPUT: 28 VDC 1.6 AMP
OUTPUT: 230 VDC 100 MA
SIZE: 3½x3x5½; WT: 6 LBS.
UNUSED \$4.95



DM-32 DYNAMOTOR

INPUT: 28 VDC 5 AMPS.
OUTPUT: 575 VDC 160 MA.

NOT AVAILABLE

Size 3½ x 4 x 7½, Wt. 8½ lbs.

DY-22 DYNAMOTOR

INPUT: 28 VDC 1.8 AMPS.
OUTPUT: 210 VDC 125 MA.
Price: Used \$4.95

Size 3½x3½x6½; Wt. 5 lbs.




PE-101C

WINCO TYPE 41S6
DUAL OUTPUT
INPUT: 13 vdc 13 A.
OUTPUT: 300 vdc 225 MA
250 " 60 "
SIZE: 8½x4½x4; WT: 10 LB
PRICE: UNUSED \$7.95




AC-DC Motors Hi-Speed Gear Reductions Blowers

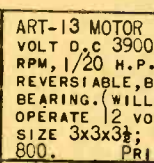


DELCO PM MOTOR 250 RPM #5067127
27 VDC WITH GEAR ATTACHED TO $\frac{1}{2}$ " SHAFT
REMOVABLE MOUNTING, 8 OZ. INCH TORQUE
REMOVED FROM NEW EQUIPMENT.
PRICE \$4.95


Size: $4\frac{1}{2} \times 1\frac{1}{2}$
WT: 8oz. GE SAME AS ABOVE NOT PM #5BA10AJ8D \$3.95



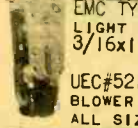
6 VOLT DC MOTOR, REVERSIBLE 1/20 H.P.
SHAFT $\frac{1}{8}$ X $\frac{3}{4}$, FRONT END MOUNTING STUDS,
MOTOR SIZE $3\frac{1}{2} \times 3$; WT: 4 LBS. APP 3000 RPM
G16VDC-R PRICE: \$1.25



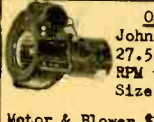
ART-13 MOTOR 28
VOLT D.C. 3900
RPM, 1/20 H.P.
REVERSIBLE, BALL
BEARING. (WILL
OPERATE 12 VOLT
SIZE $3 \times 3 \times 3\frac{1}{2}$; 2LB. #B-101/803/
800. PRICE: \$1.95



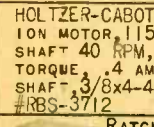
ELECTRO COUNTER & TIMER MOTOR, 115 VOLT
60 CYCLE, 14 RPM, USED TO TURN TUNERS,
HIGH POWER TORQUE, INTERMITTENT OPERATION
SIZE: $3 \times 4 \times 3$; WT: 2 LBS. #MA201752 \$1.50




LMC TYPE R, 45 V 60 CYC, 6 1/2 RPM
LIGHT OPEN FRAME $5 \times 2\frac{1}{2} \times 1\frac{1}{2}$; SHAFT
 $3/16 \times 1$; 1 LB. \$1.50




OSTER 10 CFM Blower
John Oster motor C2BF-1A
27.5 VDC 1/100 HP 6000
RPM with blower 10CFM.
Size $3\frac{1}{2} \times 3\frac{1}{2} \times 4\frac{1}{2}$ Wt 1 lb




HOLTZER-CABOT DUAL SPEED GEAR REDUC-
TION MOTOR, 115 V. 60 CYCLE, 1 PHASE, ONE
SHAFT 40 RPM, OTHER 165 RPM 24 OZ. IN
TORQUE. .4 AMP. MOTOR SIZE $4\frac{1}{2} \times 4\frac{1}{2} \times 5\frac{1}{2}$,
SHAFT $\frac{3}{8} \times 4$ -40RPM, $1/8 \times 3/8$ -165RPM.
#RBS-3712 \$9.95



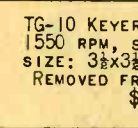
Delco 5069370 27 VDC Reversible PM
Motor and Gear assm. in an Aluminum
case. Output speed is 80 RPM through a
friction clutch to a double shaft $\frac{1}{4}$ X
 $3/4$ on one side, $\frac{1}{4}$ X $1\frac{1}{2}$ on the other.
Size complete assm. $3 \frac{5}{8} \times 2 \times 4\frac{1}{2}$
excluding shaft. Has built in noise
filter system. Wt. 1 lb. 5 oz.
Price..... \$ 4.95




400 CYCLE BLOWER
Eastern Air Devices
10 CFM Blower 115 Volt
400 cycle, 1/100 HP
motor. Size $3\frac{1}{2} \times 3\frac{1}{2} \times 4\frac{1}{2}$
Wt. 1 lbs.
PRICE: \$2.95




RATCHET MOTOR, 24 VOLT DC 60 RPM CONTINUOUS
ALSO 3 POSITION STOP. BAND SWITCH ASSEMBLY
AS USED IN R-5/ARN-7 COMPASS RECEIVER.
UNIT WILL ALSO OPERATE ON 18 TO 24 VDC.
SIZE: $3 \times 4 \times 1\frac{1}{2}$; WT: $1\frac{1}{2}$ LBS. STK# 609-ARN-7
PRICE: \$1.25




TG-10 KEYER MOTOR, 115 VOLT 60 CYCLE
1550 RPM, SHAFT 1-7/8", GEARED TO 80 RPM.
SIZE: $3\frac{1}{2} \times 3\frac{1}{2} \times 4\frac{1}{2}$; WT: 3 LBS. #3H3000-3
REMOVED FROM TG-10 EQUIPMENT
\$2.95



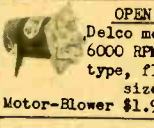
PINCOR BLOWER
Cast Aluminum hous-
ing shunt type motor
24 VDC 5000 RPM, 10
CFM blower. Motor
noise filtered. WT 1lb
10 oz. Size $3\frac{1}{2} \times 3\frac{1}{2} \times 4\frac{1}{2}$
PRICE: \$2.95




WESTINGHOUSE BUSINESS MACHINE MOTOR 25 MHP
115 VOLTS 50/60 CYCLE .5/4 AMPE
TYPE FL 4.0/3.0 MFD. 1425/1725
RPM. SIZE: $4\frac{1}{2} \times 4 \times 4$; WT: 5 LBS.
SHAFT $5/16 \times 3$ FLATENED. FOR USE
IN RUBBER SHOCK MOUNTING BRACKE
PRICE: NEW \$2.95



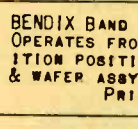
12 VOLT D.C MOTOR
LEECE NEVILLE 12 VOLT D.C MOTOR
5000 R.P.M., 1/20 H.P. SHAFT $\frac{1}{8}$ X $1\frac{1}{2}$
MOTOR $3 \times 3 \times 3$; WT: 5 LBS. BRONZE BEARING
#R&R-12 VDC \$1.95



OPEN TYPE BLOWER
Delco motor 5069267 27 VDC
6000 RPM, reversible shunt
type, flange mount. WT 1 lb
size 1-3/4x2-5/8x2 1/2.
Motor-Blower \$1.95 Motor only \$1.50



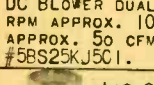
TELETYPE MOTOR AC; 110 VOLT 60 CYCL
1 PHASE, NON-SYNCHRONOUS, 1/25 HP,
1800 RPM, 1.25 AMP., DOUBLE SHAFT
 $1\frac{1}{2} \times 3/16 \times 5/8$ X $3/16$, MOTOR SIZE $5\frac{1}{2} \times$
 5×5 ; WT: 13 LBS. GE#28478
USED \$4.95



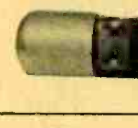
BENDIX BAND CHANGE MOTOR #AC56566-2
OPERATES FROM 28 VDC. THREE POS-
ITION POSITIVE STOP. WITH SWITCHES
& WAFFER ASSY. SIZE: $6 \times 3 \times 2$ WT: 1LB.
PRICE: \$2.95



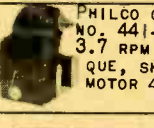
DELCO PM Motor 12 VDC
10,000 RPM, GEARED
TO ASSY. APPROX 250
TO PLASTIC WHEEL &
POT. $4 \times 3 \times 2$; 1 LB.
#5092543/2 \$4.95




DC BLOWER DUAL OUTLET; @ 24 VDC 3000
RPM APPROX. 100 CFM; @ 12 VDC 1500 RPM
APPROX. 50 CFM. SIZE $10 \times 5 \times 5$; WT: 5 LBS.
#5BS25KJ5C1. PRICE USED \$1.95



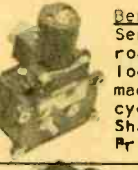
DELCO 5069790 PM 100 R.P.M.
27 VDC WITH GEAR ATTACHED TO
 $\frac{1}{2}$ INCH SHAFT $\frac{1}{2}$ INCH LONG.
MOTOR SIZE $1\frac{1}{2} \times 4$. WT: 8 OZ.
PRICE: \$3.95




PHILCO GEAR REDUCTION
NO. 441-1008, 24 VDC,
3.7 RPM 40 LB. IN. TOR-
QUE, SHAFT $5/16 \times 5/8$,
MOTOR $4 \times 3 \times 2\frac{1}{2}$; 4 LBS
\$5.95



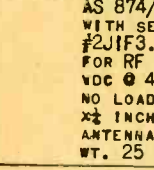
TG-8/APA-69 ANTENNA ROTOR
26.5VDC @ 5 AMPS. APPROX.
200 RPM NO LOAD. KEARFOTT
SELSYN #R-230-2A. SLIPRING
CONTACT TO ANTENNA.
WT. 20 LBS. $10 \times 7\frac{1}{2} \times 7\frac{1}{2}$
BNC CONNECTORS TO ANTENNA




Bendix LM108J 24VDC 1/25 HP 15,000 RPM
Series Motor. Geneva Loc. Actuator. Shaft
rotates $\frac{1}{4}$ revolution and stops and is
locked in place until next contact is
made then the cycle is repeated-time per
cycle app. 3 seconds. Size $4 \times 2\frac{1}{2} \times 5\frac{1}{2}$.
Shaft size $\frac{1}{8}$ X $1\frac{1}{2}$. Wt. 1 lb. 14 oz.
Price..... \$ 4.95



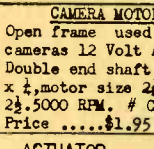
NAVY PM MOTOR
27 VDC
1/150 H.P.
5000 R.P.M.
SHAFT $3/4 \times 3/16$
MOTOR $1\frac{1}{2} \times 1\frac{1}{2} \times 2$
WT: 8 oz. STK# 1942-BUO-676213
PRICE: \$1.95



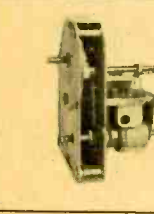
AS 874/APX ANTENN ROTOR
WITH SELSYN GENERATOR GE
#2J1F3. CENTER FEED THROUGH
FOR RF CABLE TO ANTENNA. 28
VDC @ 4 AMPS. APPROX. 33 RPM
NO LOAD. ROTOR HAS 4 INCH
 $\frac{1}{2}$ INCH DISK FOR MOUNTING
ANTENNA TO ROTOR. $9\frac{1}{2} \times 12 \times 10$
WT. 25 LBS. USED \$19.95




General Electric 58A25MJ424 - Type BA
24 V @ 4.2A 7100 RPM 1/20 HP Flange
mount Motor size $2\frac{1}{2} \times 5$ ". Shaft size
 $\frac{1}{4}$ X 1 Wt. $3\frac{1}{2}$ lbs. Price..... \$1.95



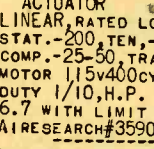
CAMERA MOTOR
Open frame used in aircraft
cameras 12 Volt AC-DC
Double end shaft 1/8
x $\frac{1}{2}$, motor size $2\frac{1}{2} \times$
 $2\frac{1}{2} \times 5.000$ RPM. # CM-120
Price\$1.95




PM MOTOR ASSEMBLY & GEAR TRAIN
USED IN R-44 RECEIVER FOR REMOTE
TUNING. CONTAINS DELCO PM MOTOR
#5069370, 10,000 RPM ATTACHED TO
A GEAR ASSY. THAT HAS TWO SHAFTS
80 RPM AND IS GEARED TO TWO
SHAFTS WITH $3"$ & $\frac{1}{2}"$ GEARS THAT
THAT TURN AT 40 & 80 RPM. ASSY
SIZE $4\frac{1}{2} \times 6 \times 3$; SHAFT SIZES $\frac{1}{4}$ X $3/4$
WT: $3\frac{1}{2}$ LBS. STK. #3H3100-15
PRICE: \$4.95



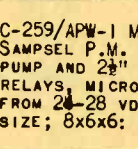
ELECTROLUX MOTOR 28.5 VDC. 1.8 AMPS.
2200 RPM. 1/35 H.P. SHAFT SIZE $1\frac{1}{2}$ X $\frac{1}{2}$
MOTOR SIZE: $4\frac{1}{2} \times 3\frac{1}{2}$ WT: 5 LBS.
PRICE: \$3.95



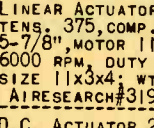
ACTUATOR
LINEAR, RATED LOAD LBS.
STAT.-200, TEN.-25-50
COMP.-25-50, TRAVEL 2 1/2"
MOTOR 115V 400 CYCLE, 6000 RPM.
DUTY 1/10, H.P.. .04, TORQ. OZ. 11
6.7 WITH LIMIT SWITCHES. USED
AIRESEARCH#35906-30 \$2.95




GENERAL ELECTRIC 58A25DJ300
24 VDC @ 2 AMPS., 4500 RPM, REVER-
SIBLE, GOVERNOR CONTROL MAGNETIC
BRAKE, FLANGE MOUNT, SIZE $2\frac{1}{2} \times 5\frac{1}{2}$;
WT: 3LBS., SPLINED SHAFT $3/16 \times 7/8$
PRICE: \$2.95




C-259/APW-1 MOTOR PUMP & CYLINDER
SAMPSEL P.M. MOTOR WITH $2\frac{1}{2}"$ PRESSURE
PUMP AND $2\frac{1}{2}"$ VACUUM CYLINDER WITH 3
RELAYS, MICRO SWITCH ETC. OPERATES
FROM 24-28 VDC.
SIZE; $8 \times 6 \times 6$; WT: 10 LB. NEW \$6.95



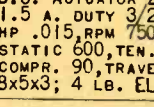
LINEAR ACTUATOR, STAT. 750,
TENS. 375, COMP. 200, ARM. TRAI
5-7/8", MOTOR 115 V. 400 CYCLE
6000 RPM, DUTY 1-10, HP .04
SIZE $11 \times 3 \times 4$; WT: 5LB. USED
AIRESEARCH#31914 \$3.95




DELCO P.M. MOTOR #5069466, 27.5 VDC
IN ALUMINUM CASE GEARED TO WORM GEAR
MOTOR SIZE $1\frac{1}{2} \times 1\frac{1}{2} \times 2\frac{1}{2}$, 10,000 RPM.
CASE SIZE $2\frac{1}{2} \times 2\frac{1}{2} \times 2$ LESS MTG. SIZE.
WORM GEAR 2000 RPM, WT: 2 LBS.
STK# 3H3100A-1 PRICE: \$2.95




FLYER ELECTRIC MOTOR HEAVY DUTY
115 VOLTS AC-DC 50-60 CYC. 78 AND
33 1/3 R.P.M. $9 \times 5 \times 4$ WT. 10 LBS.
PRICE: \$1.50



D.C. ACTUATOR 26 V.
1.5 A. DUTY 3/20
HP .015, RPM 7500 \$2.95
STATIC 600, TEN. 130
COMPR. 90, TRAVEL 1 1/4"
 $8 \times 5 \times 3$; 4 LB. ELA-3-139-2




John Oster type C 24A-1B - KS-5829-
OT 27 VDC 1/100 HP 7000 RPM DC
Series Motor 2" D X 3" L. Shaft
 $\frac{1}{4}$ X 1 Wt. 1 lb.....Price \$7.75



MERCURY MOTOR 8100, 115 VOLT 60 CYCLE, 1750
RPM, OPEN FRAME $3 \times 2\frac{1}{2} \times 2$, SHAFT $\frac{1}{2} \times 1\frac{1}{2}$, WT: 1 LB.
PRICE: \$1.00




HEAVY DUTY REVERSIBLE TYPE GEAR HEAD MOTOR JOHN OSTER #KU-1L-1R
28 VDC 100 - 200RPM
8 AMP @ 2 lb. FT.
torque. Size $7\frac{1}{2} \times 10 \times 4\frac{1}{2}$ WT. 12 lbs
Shaft size $7/16 \times 3/4$. Price \$5.95



John Oster Shunt Motor B-9-1 27 1/2 VDC
@ .7A. 5600 RPM. Aluminum Cased Motor
and Gear assm. Motor is flange mount-
ed to the Gear case, 2 gear reductions
22 and $5\frac{1}{2}$ RPM on $\frac{1}{4}$ X $1\frac{1}{2}$ shafts. Size
 $2 \frac{3}{4} \times 3 \times 7"$. Wt. 1 lb. 14 oz.
Price..... \$1.00

BULLS EYE LIGHT
DULL FINISHED
BRASS, DOUBLE
CONTACT, BAYONET
BASE, RED LENSE
1" MTG. HOLE W/ 12 VOLT BULB LM-
44, SIZE 1 1/2 x 3. #276125-22
PRICE: 39¢ EA. 3 FOR \$1.00

ALNICO MAGNETS
ALNICO BAR TYPE MAGNETS
(1) ONE INCH X 1/2 X 1/8
ORIGINALY USED IN MICRO
PHONES. #948 12 FOR \$1.25

SW-206EP-15

20 POSITION ROTARY SWITCH
WITH SIX DECKS.
2 1/2" DIA. PRICE: \$2.95

CERAMIC COIL FORM F/
ART-13 ANTENNA LOAD
SIZE 2" x 5". NO WIRE
50# WITH WIRE \$1.00

RUBBER SHOCK MOUNTS
MTG HOLES 2" CENTERS
6 LB. #6 \$.35
14 LB. #14 .50
10 LB (ILLUS) #5150 .40

CERAMIC COUPLER 2"
DIA. 3/4" SHAFT EA. SIDE
STK#SWTU-5 PRICE: \$.50

GIANT 4 CONTACT
CERAMIC FOR 872,
211 ETC. 3/4" RD.
GE#ML7461594-G1
PRICE: USED \$3.39

GIANT 4 CONTACT
CERAMIC SOCKET FOR
715, 718 ETC. 3/4" RE
STK#227684.98
PRICE: NEW \$.50

GIANT TUBE SOCKET
7 CONTACT FOR 813
4E27A ETC. 2 1/2" Ø
GE#M7466795-1/442
PRICE: \$.75 USED

REGULATOR CURRENT
AUTOMOTIVE TYPE
OPEN FRAME 50 AMP.
SIZE 2 1/2 x 2 1/2 x 1 1/2; 1 LB
RD.#G1026184433
DELCO#1884042 \$1.00

TERMINAL
STRIPS WITH
CLIPPED WIRES
AMT. TERMINALS - 6 - 8 - 10 - 12 - 14
1" WIDE EACH .15 .20 .25 .30 .35
1 1/2" WIDE " .20 .25 .30 .35 .40

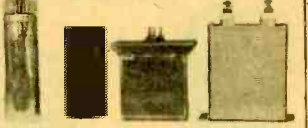
BINDING
POSTS 7
ON A BAKE-
ON LITE STRIP, THUMB SCREW TYPE
TERMINALS. REMOVED FROM EQUIP
PRICE: \$.35 EA. 3 FOR \$1

TELEPHONE SIGNAL DROP SWITCH
BOARD UNIT WITH MOMENTARY &
HOLD MULTI-CONTACT LEVER SW
RING IN DROP RELAY & PHONE
JACK. SIZE 1 1/2 x 8 x 3. WT: 1 LB.
#EE-2 \$.39 EA. 3/\$1 USED
PL-11 PLUG ON 30" CORD \$.35 EA.

SW-118 SWITCH ASSY.
SPST, ONE SIDE HOLDING
ON - OTHER SIDE MOM-
ENTARY ON, CENTER OFF
SWITCH SIZE 2 1/2 x 1, CASE
SIZE 2 1/2 x 1.
PRICE: \$.35 EA. 3 FOR \$1.00

B-9A SWITCH ASSY
SPDT CENTER OFF
5 AMP. 125 VOLTS
TWO HOLE MTG.
SIZE: EA. SW 3/4
x 2 x 1. \$.35 EACH
BANK OF FOUR \$1.

Capacitors



MFD	VDC	SIZE	PRICE
2000	15	1 1/2 x 4 1/2 RD	\$.59
6000	75WVDC	3x4 1/2	3.95
1000	50	1 1/2 x 4 1/2 RD	.55
25M	25WVDC	3x4 1/2	2.95
24000	3	4 x 3 RD	1.50
4	400	2 1/2 x 3 1/2 x 1 1/2	.25
5x5	400	3 1/2 x 3 x 2	.50
10	400	4 x 4 x 1	.75
.5	500	1 1/2 x 1 1/2 x 1 1/2	.20
2	600	1 1/2 x 4 1/2 x 1	.25
4	600	3 1/2 x 2 1/2 x 1 1/2	.50
6	600	4 1/2 x 2 1/2 x 1 1/2	.75
7	600	4 x 4 x 2	.85
10	600	3 1/2 x 4 1/2 x 1 1/2	1.10
2 1/2 / 2 1/2 / 5	"	6 x 4 x 2	.75
1	1000	1 1/2 x 2 1/2 x 1	.50
2	1000	1 1/2 x 4 x 1	.95
15	1000	3 1/2 x 4 1/2 x 2 1/2	2.95
1-1-1	1200	3 1/2 x 3 1/2 x 2 1/2	1.00
1	2000	2 x 3 x 1	1.25
.5	2500	3 1/2 x 3 x 1	.75
MFD	VAC	SIZE	PRICE
5	660	3 1/2 x 4 1/2 x 1 1/2	1.95
15	330	3 1/2 x 5 1/2 x 1 1/2	1.75
1	1000	3 1/2 x 4 x 2	.75

POTENTIOMETER 100
WATT, 100,000 OHM
IN 20 STEPS 5000
OHM EACH WITH HEAVY
DUTY CONTACTS & IN-
SULATED TERMINALS
7 SHAFT. DAVEN#1373
SIZE: 5 1/2 x 3 1/2, SHAFT 1-3/8 x
3/8. WT: 1 1/2 LB. STK#227281-3
\$1.25

CAPACITOR BANK
IN METAL BOX.
TOTAL CAPACITY
15 MFD 600 VDC
1/1, 2/2 & 2/5
6 1/2 x 4 1/2 x 5; 6 LBS.
#R16-11687-500 \$.75

10 MFD @ 2000 VDC
4 1/2 x 4 1/2 x 3 1/2; 3 LBS.
5910-819-2151 \$5.95
2 MFD @ 4500 VDC
5 1/2 x 3; WT: 4 LBS.
F350-7628821 \$6.95

MFD	VDC	SIZE	PRICE
15	1000	3 1/2 x 4 1/2 x 2 1/2	\$1.95
10	600	3 1/2 x 4 1/2 x 1 1/2	1.10
6	600	4 1/2 x 2 1/2 x 1 1/2	.75
4	600	3 1/2 x 2 1/2 x 1 1/2	.50
8	1500	3 1/2 x 5 1/2 x 2 1/2	3.95

Switches

Switches removed from new equip.

TYPE	MTG	VOLTS	ST#	PRICE
S.P.S.T.	NUT	3A/125	SW-105	.20
S.P.D.T.	"	"	8839K1	.35
4.P.S.T.	"	"	883K2	.55
D.P.S.T.	"	"	8622K1	.35
D.P.D.T.	"	"	SWP221	.50
S.P.S.T.	"	"	8617K2	.25
(Momentary)	"	"	"	"
D.P.D.T.	"	"	ST-22R	.40
(Momentary one side)	"	"	"	"

HEAVY DUTY TAP
SWITCH 5 POSITION
FOUR HOLE MOUNTING
SIZE: 2 1/2 x 2 1/2 x 1 1/2
STK# 329627
\$1.50

ANTENNA CIRCUIT SWITCHING SWITCH
100 WATT
Size 4 1/2 x
2-3/4 x
3/Make
3/Break
#329626
\$2.50

ROTARY SWITCHES

ROTARY WAFER SELECTOR SWITCH
CERAMIC, 6 DECK, 4 POLE
6 CONTACT. 7 1/2 x 2 1/2 x 2; 3 1/2 LB
SMALLCROSS #10214 USED \$4.95

SWITCH ROTARY CERAMIC WAFER
5 DECK, 1 POLE, 9 POSITION
7 1/2 x 2; 1 1/2 LB. SIL. PL. CONT.
#5930-185-0597 \$1.95 NEW

SWITCH ROTARY BAKELITE WAFER
8 POSITION, 3 SECTION, SECT.
#1 NON-SHORTING TYPE CONT.
SECT.#2 & 3 SHORTING TYPE CON
TACTS. 3 1/2 x 2 1/2; WT: 8 OZ.
#329825-75.4 NEW \$1.00

SWITCH ROTARY CERAMIC WAFER
2 DECK, 2 POLE 5 POSITION
EACH DECK. 2 1/2 x 2 1/2; 5 OZ.
CENTRALAB#2515 NEW \$1.00

SWITCH ROTARY BAKELITE WAFER
2 DECK, 5 POSITION, 1 POLE
MOMENTARY 5 POSIT. 2x2x2
#SW-145 39¢ EA. 3 FOR \$1

GE CERAMIC POWER SWITCHES
2 DECK
3 POSITION
2x3 IN.
GE#ML746812-
G1/403
\$1.95
2 DECK 4 POSITION; 2x4 IN.
GE#P42J198-1/394 \$1.95

2 DECK, 3 MAKE, 4 BREAK
GE#ML7464910; 2x4" \$2.25

ROTARY SELECTOR
SWITCH, ONE DECK
CERAMIC, 11 POSI-
TION, 2" DIA.
STK#329825-62.178
PRICE: \$.59 EA. 2 FOR \$1

WAFER SWITCH
8 DECK, 3 POLE
6 POSITION
PER WAFER. (USED)
#NE8 \$1.95

DAVEN SWITCH
#427-EB-5
2 POLE, 9 CONT.
4 DECK.
SIZE 5 1/2 x 2 1/2 x 2 1/2
WT: 2 LBS.
\$2.95

VIBRATORS

VB-16/6, 12 OR 24 VOLT
FOR PE-237 \$3.95
TYPES LISTED BELOW
\$1.95 EACH

VB-1/6 VOLT FOR PE-117
PE-97 & PE-237
SAME AS VB-7
VS-3/6 VOLT FOR PE-104
SAME AS MALL-550C
G534/12 VOLT FOR PE-110
VB-8/2 VOLT FOR PE-157
VB-9/6 VOLT FOR PE-157
VB-11/24 VOLT FOR PE-120
VB-12/6 VOLT FOR PE-120
VB-13/12 VOLT FOR PE-120

DETONATOR
IMPACT
SWITCH WITH
TWO MICRO
SWITCHES THAT
MAKE CONTACT
WHEN THE UNIT
IS JARRED.
USED IN PLANES TO DETONATE
BOMBS WHEN WRECKED. 5 1/2 x 4 x 4
WT. 1 1/2 LB. #BC-706 \$0.50

Kits \$1.00

DISC CERAMIC
CONDENSERS
33.
15MMF-.61MFD.
Good Value
\$1.00 a KIT

TUBULAR
CONDENSER
50 ASST.
.00025 to .1
200 to 600 V
\$1.00 a KIT

MICA
CONDENSERS
25 ASST.
10 MMFD To
6800 MMFD.
\$1.00 a KIT

TRIMMER
CONDENSERS
25 ASST.
3 TO 280MMF
WIDE RANGE
\$1.00 KIT.

RESISTORS
INSULATED
50 ASST.
1/2, 1 & 2
Watt wide
range of good values
50 ASSORTED \$1.00

RESISTORS
WIREWOUND
25 ASST.
5 to 20
Watt. Wide
range of values some
tapped. 25 ASST \$1.00

VOLUME
CONTROLS
10 ASST.
Popular
Values
\$1.00

TUBE
SOCKETS
20 ASST.
Octals
Loctals
Minatures
Wafers etc
\$1.00

PILOT
LIGHT
SOCKETS
25 ASST
Bayonet
Screw etc.
\$1.00

TERMINAL
STRIPS, Tie lug
strips, ASST
types. 25 for
\$1.00

TERMINAL
LUGS, ring
spade, crimp
types. Wide
variety of
sizes for all uses in
clear plastic box,
Approx 200 PCS \$1.00

ROTARY SWITCHES
BRAND NEW
ORDER NOW
6 for \$1.00

BATHUB
CONDENSER KIT
1 MFD, 100 V. up to 400 Volt.
10 for \$1.00
HARDWARE KIT
NUTS, WASHERS
SCREWS, RIVET
GROMMETS ETC.
1 1/2 LBS. \$1.00

BUZZER FOR SWITCH-
BOARDS BD-91/RD-9E
OPERATES 2-6 VDC
4-9 VAC, NON-POL-
ARIZED; 10.5 OHMS. VIBRATING
ADJUSTABLE TYPE. SIZE 2 1/2 x 2
x 1 1/2; WT: 4 OZ. PRICE: \$1.00

PE-109B INVERTER
FILTER, MALLORY
NF-1-2/ LELAND
B-2037, REF. 120
STK.#342575-109B
8 1/2 x 3 x 2 1/2; WT: 2LB
NEW \$1.50

BC-603, BC-683
BC-604 & BC-684
SPARE PARTS SHEET
FOR STORING TUBES
& PARTS. SAME SIZE
& SHAPE AS RECEI-
VERS 2 COMPARTME
NTS. SIZE 7 1/2 x 1 1/2
WT \$1.00

METAL BOX WITH
REMOVABLE TOP,
CUTOUTS FOR AC OUT
LETS & SWITCH.
SIZE: 6 1/2 x 4 1/2 x 4 1/2 PRICE: \$.50

ALARM BELL
OPERATES ON
24 VOLT.
4 1/2 x 4 1/2 x 2 1/2
#561-3
\$1.25

HORSESHOE MAGNETS
5 lb. Lift 2 1/2 x 2 3/8" x 1 lb. \$.50
25 lb. Lift 2 1/2 x 2 1/2 x 1 1/2 lb. 2.90

HAND TYPE MAGNETO GENERATOR
USED FOR RINGING TELEPHONE
LINES, OUTPUT ABOUT 100 VOL
TS. CAN ALSO BE USED AS SHO
CK MACHINE, LIGHT SMALL BBU
BULBS OR DRIVE WORMS OUT OF
YOUR LAWN BY PLACING THE
THE OUTPUT TO METAL STAKES
AND DRIVING THEM INTO GND.

GN-38 WITH THREE
MAGNETS \$2.95

GN-38B PERMANENT
MAGNETS 2" x 1" \$3.95

GN-41B PERMANENT
MAGNETS 3" x 1 1/2" \$4.95

GN-38A WITH COIL
MAGNET

G-25A ROUND TYPE
MAGNETO \$2.50

THUMB-IT WHEEL
WAFER SWITCH
NUMBERED. EACH
SWITCH CAN BE
MOUNTED SINGLY
OR IN BANKS.
SIZE EACH SECTION
2 1/2 x 2 1/2. REMOVED FROM EQUIP.
PRICE: 19 CONTACT.... .75

25 Precision Resistor Ass't
WIRE WOUND OR CAR-
BON 1% OR BETTER
GOOD VALUES. \$1.00
50 TINY CAPACITORS
SELECTED TINY ASST
PAPER & CERAMIC X
GOOD VALUES. \$1.00

MINIMUM ORDER \$3.00

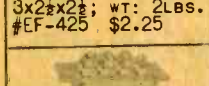
TRANSFORMERS

SECONDARY
6.6 VAC
36 AMPS
PRIMARY
105, 110, 120, 125
60 CYCLE

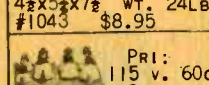


23 LBS.
SIZE 6x5x4
#9T35Y245 \$9.95

PRI: 115 V. 60C
SEC: 30 V. 2A.
3x2x2 1/2; WT: 2 LBS.
#EF-425 \$2.25



PRI: 120 V 60CYC
PRIMARY BUCK-BOOST
WINDINGS: 1.2V,
3.6V, 10.8V
SEC: 12.8V CT 20A
4x5x7 1/2 WT. 24LB
#1043 \$8.95



PRI: 115 V. 60C
SEC: 2.5V 1.75A
2.5V 1.75A
6.3V .6 A
3x5x3 1/2; WT: 8 LBS
2Z9611.127 \$1.95



PRI: 115 V. 60 CY
SEC: 2.2 V.
ALSO TAPPED WIND.
0-60V 10 TAPS 4
VOLTS EA. 1 TAP
20V.HV AMPS 4, LOW
EST VOLTAGE 20 A.
6x4x5; WT: 25 LBS
#6120-473-6811
\$7.95



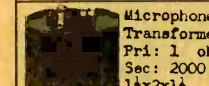
TF45X02YY
THREE PHASE
PRI 171V 50-450CYC
SEC 28V @ 40A
6x7x9 1/2 WT. 45LBS
PRICE: \$14.95



MICROPHONE TRANS.
PRI: 15 OHM
SEC: 5000 OHM
SIZE: 1x1x2
PO/AM-25/AIC
STK#Z29631.121
PRICE: \$0.59



MICROPHONE
PRI: 14.5-21 OHM
SEC: 4475-6500
OHMS
CARBON MIC.
2x3x2 1/2
#P7762352G1
\$1.00



Microphone
Transformer
Pri: 1 ohm
Sec: 2000
1x2x2 1/2
STK#Z29666A
Price \$.59

1-177
TUBE CHECKER
TRANSFORMER
SIZE: 4 1/2 x 4 1/2 x 5 1/2
STK.# 229613.667
PRICE: \$4.95

TRANSAT
VOLTAGE
REGULATOR
FIXED WIND-
ING 115 VAR
VARIABLE.
RANGE 103-
126 V 60CYC
2.17 AMPS. 5X6X6
WT: 15 LBS. #29144
\$4.95

PRI: 115V 50-1000CY
SEC: 34 V 3.5 AMP
SIZE: 4x5x4; 15 LB
#5950-518-4306
\$4.95

400
CYCLE
TRANSAT
VOLTAGE REGULATOR
FIXED WINDING 115
VARIABLE RANGE
75 TO 120 V.400
CYCLE. 6 AMPS.
SIZE 5X6X6; 13 LB
SCNO.TF-12A \$4.95

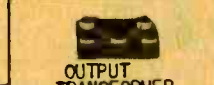
OUTPUT
OUTPUT
TRANSFORMER
30 WATT
\$3.95

PRI: 8000 OHM
SEC: 4/8/15 OHM
3x3x3 1/2; WT: 2LB
#TG-10/27291

2 WATT OUTPUT TRANS-
FORMER, PRI.2500
OHM SEC. 3.2 OHM
#49872 79¢



AUDIO OUTPUT TRANS
PRI: 450 OHMS
SEC: 300/4000 OHMS
IMPEDANCE
PO/BC-348
STK# 2C4348M/T
2x2x4 WT. 2 1/2 LBS.
PRICE: \$1.00



OUTPUT
TRANSFORMER
NP/NS-1.77/6.6,50
TO 5000 CYC. 5MA.
SIZE: 2x2x2
GEM 7465623-1
PRICE: \$.75

LOW VOLTAGE TRANSFORMERS

ALL PRIMARIES 105, 110, 112, 120, 125 VOLT, 60 CYCL

SEC: 6.6 V 25 AMP
4x6x4; 17 LBS.
GE#9T35Y244 \$4.95

SEC: 6.6 V 18 AMP
3x5x4; 12 LBS.
GE#9T35Y159 \$3.95

SEC: 6.6 V 10 AMP
4x3x4; 9 LBS.
GE#9T35Y158 \$2.95

SEC: 6.6 V 10 AMP.
6.6 VCT 1 "
5x4x3 1/2; 10 LBS.
GE#9T35Y181 \$3.25

SEC: 6.3 VCT 5.0 AMP
6.3 VCT 1.0 "
4x3x2 1/2; 4 LBS.
GE#9T35Y8012 \$2.25

SEC: 6.6 VCT 2.7 AMP
2x2x2 1/2; 4 LBS.
GE#9T35Y321 \$1.25

SEC: 6.6 V 2.3 AMP
2x2x2 1/2; 4 LBS.
GE#9T35Y241 \$1.25

FILAMENT TRANSFORMER
PRI: 70/100/14C/20C
60 CYC
SEC: 12.6 CT .7 A
6.3 CT .9 A
6.3 CT 1.5 A
6.3 CT 1.5 A
2.5 KV TEST
SIZE: 5x3x4 WT 5
STK# GE-7465625-PI
PRICE: \$2.95

SEC: 6.3 V 3.1 AMP.
6.3 V 2.5 " "
6.3 V 0.45 " "
6.3 V 0.30 " "
5.0 V 2.0 " "
5.0 V 2.0 " "

3x4x3; 4 LBS.
#TFIA01JA \$3.95

PRI: 100-130V
50-60CYC
SEC: 40V @
16.5 AMP
SIZE: 7x6x6
WT. 31 LBS.
5950-646-1459
\$14.95

PRI: 117V 50-60CYC
SEC: 3/5V CT @ 2A
2/5V " @ 2A
2/2.5V @ 10A
7x4x3 1/2 WT. 12 LB
GILFILLAN #54148-1
PRICE: \$5.95

PRI: 115 V. 60 CYC
SEC: 5 V. 2 AMP
5 V. 2 "
8 1/2 x 5 1/2 x 2 1/2; WT: 8 LB
#229611.389 \$1.95

HIGH AUDIO

ALTEC LANSING 70W
OUTPUT TRANSFORMER
PRI: 3300 OHM CT
SEC: 250 & 500 OHM
SIZE: 4x5x4 1/2
WT. 13 LBS.
STK# TMJ-217A
PRICE: \$2.95

PRI: 7000 OHM CT
SEC: 265 " "
80 " "
ONE WINDING
POWER: 62.5 WATTS
RESPONSE: 1 DB
20-20,000 CPS
SIZE: 4x6x4; 20 LB
TFIA13MA \$4.95

HIGH VOLTAGE TRANSFORMERS

PRI: 109, 115, 120, 126, 60CYC
SEC: 2500 VOLTS EACH SIDE
CENTER TAP RATED AT
120 MA. 6500 P.W.V.
TESTS HAVE SHOWN THAT
UNDER LOAD TRANSFORMER
WILL DELIVER 2000 VOLT
DC 300 MA.
SIZE: 7x6x6; WT: 42 LBS.
TFIA02YY \$19.95

PRI: 105-125V
50-60CYC
SEC: 1100V CT @
250 MA
SIZE: 5 1/2 x 5 1/2 x 4 1/2
WT. 16 LBS.
UTC 52336
\$6.95

PRI: 115 V. 60 CYC
SEC: 1000 V. 78 MA.
CASE IS CENTER TAP.
6.3 V. 3.2 A.
6.3 V. 2.1 A.
5.0 V. 3.0 A.
4x5x3 1/2; 12LB#K8877 \$3.95

PRI: 105-110-115-
120-125
SEC: 365 V 775 MA
TAP.340 V 525 MA
850CT 30 MA
5 V 2 A
6x7x5 1/2 30 LBS.
GE7415214
\$4.95

PRI: 105-110-115
120-125
SEC: 560CT 75 MA
365 V 150 MA
TAP335 V
3 1/2 x 5 x 3 1/2 8 LBS.
TFIA02JA
\$1.95

PRI: 117 V 60 CYC
SEC: 450 V 140 MA
12.6 20 AM
5.0 2 "
4 1/2 x 6 x 4; 15 LB
EDO 10498 \$6.95

PRI: 115/230 60 CYC
SEC: 482 CT 170 MA.
6.5 CT 5.7 AMP
12.4 V .39 "
AUX. VIBRATOR CIRC.
3 1/2 x 5 x 4; WT: 10
229621-554 \$3.95

PRI: 105-110-115
120-125
SEC: 390 V 1.23A
TAP365 V 720 MA
7x8x6 1/2 45 LBS.
GE 745213
\$6.95

PRI: 115 V 60 C
SEC: 675 VCT 500 MA.
150 " " "
27 " " "
6.3 V. 10 A.
5.0 V. 6 A.
6x7 1/2 x 6 1/2; 42 LB.
#P1-32301
PRICE: \$6.95

PRI: 120V 60CY
SEC: 1170V CT @
325 MA
4x5x7 1/2 28 LBS.
#8568966-PI
PRICE: \$7.95

PRI: 120/240V 60C
SEC: 16 V 8 AMP
16 V 8 "
SERIES SECONDARY
32 V 8 AMP
PARALLEL 16V16 "
4 1/2 x 4 1/2; 13 LBS.
#1479-L018
PRICE: \$7.95

PRI: 115 V 60 CYC
SEC: 6.3 V 2.75 A.
6.3 V 5.5 A.
SIZE: 3 1/2 x 4 1/2 x 3 1/2; 5 LBS
STK#ORD7629805
PRICE: \$2.50

PRI: 115 V 60 CYC
SEC: 6.3 V 4 AMP
SIZE: 4x3x3 1/2 5 LBS.
STK#ORD7629823
PRICE: \$1.50

PRI: 120V 50-60CYC.
SEC: 5V CT @ 10.8A/
SIZE: 5 1/2 x 3 1/2 x 3 1/2
WT. 8 LBS.
#A 212747-1
PRICE: \$3.95

PRIMARY VOLTS 81, 163 & 230
50/60 CYCLE
SECONDARY VOL
11.7 CT. 3 1/2 A.
WITH 115 VOLT
INPUT, OUTPUT
WILL BE 15 V. 3 AMPS.
SIZE: 3 1/2 x 4 x 3 1/2; 8 LBS.
GE#7465106-PI \$2.95

PRI: 115V 60 CYC
SEC: 2/6.3V 1.2A
SIZE: 3 1/2 x 2 1/2 x 5
WT. 4 1/2 LBS.
#7629809
\$1.75

PRI: 115V 60CYC
SEC: 40-0-40V .18A
3x3x5 WT. 5LBS
#7629808
\$1.50

PRI: 115V 60 CYC
SEC: 5.7V 21.8A
3 1/2 x 4 1/2 x 5 WT. 9LB
GE-7469149
PRICE: \$6.95

PRI: 115V
50-60CYC
SEC: 24V CT
6 AMP
4x5x3 1/2
WT. 10 LBS.
5950-648-3992
\$4.95

PRI: 200/220/240V
50-60 CYC
SEC: 10V CT @ 10A
4x4 1/2 x 5 1/2 WT. 11LBS
THERMADOR CS-8705
PRICE: \$3.95

PRI: 115 V 60 CYC
SEC: 36 V 12 AMP
4 1/2 x 6 x 4; WT: 15 LB
#CON442
\$8.95

PRI: 117V 60-400CYC
SEC: 750 VCT 55 MA
5.0
6.3 V @ 5 AMPS
3 1/2 x 3 x 4 WT 5 LBS.
#271-P-1 \$2.95

PRI: 115V 60CYC
SEC: 2000V CT @
500MA
SIZE: 5x5x7 1/2
WT. 30 LBS.
5950-581-5204
\$16.95

PRI: 115 V 60 C
SEC: 6.3 V 3.6 A
15 V.004 A
15 V.004 A
SIZE: 3x3x3; 4 LBS
STK#ORD7629806
PRICE: \$1.50

PRI: 115 V 60 CYC
SEC: 6.3 V 2.75 A.
6.3 V 5.5 A.
SIZE: 3 1/2 x 4 1/2 x 3 1/2; 5 LBS
STK#ORD7629805
PRICE: \$2.50

PRI: 120V 50-60CYC.
SEC: 5V CT @ 10.8A/
SIZE: 5 1/2 x 3 1/2 x 3 1/2
WT. 8 LBS.
#A 212747-1
PRICE: \$3.95

PRIMARY VOLTS 81, 163 & 230
50/60 CYCLE
SECONDARY VOLTS
12 CT. 3 1/2 AMPS
12 CT. 3 1/2 "
13 CT. 10 "
@ 115V 2/16V-3A 1/17V
10A. SIZE 4x7x7 18LBS.
GE#7466333 \$5.95

PRI: 110V 60 CYC.
SEC: 6.3V 2A
12.6V 1.5A
SIZE: 2 1/2 x 2 1/2 x 4
WT. 4 LBS.
5950-556-1826
\$2.50

PRI: 110V 60 CYC
SEC: 2/6.3V 1.2A
SIZE: 3 1/2 x 2 1/2 x 5
WT. 4 1/2 LBS.
#7629809
\$1.75

PRI: 115V 60CYC
SEC: 40-0-40V .18A
3x3x5 WT. 5LBS
#7629808
\$1.50

PRI: 115V 60 CYC
SEC: 5.7V 21.8A
3 1/2 x 4 1/2 x 5 WT. 9LB
GE-7469149
PRICE: \$6.95

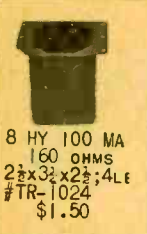
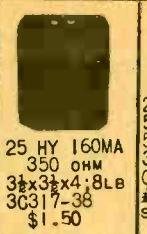
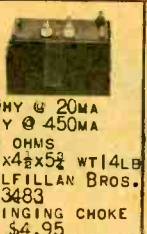
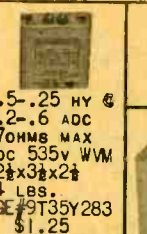
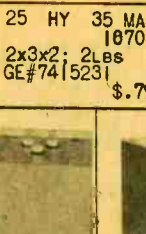
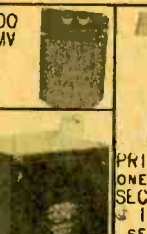

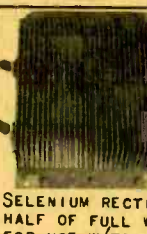

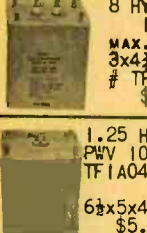
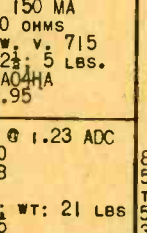


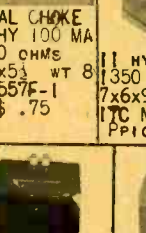
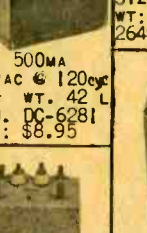
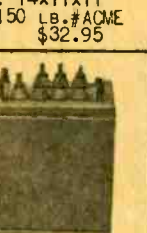

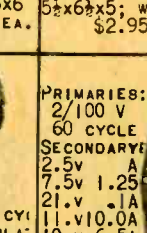


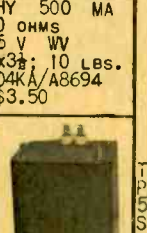

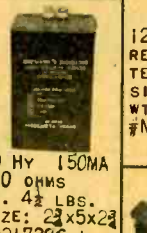
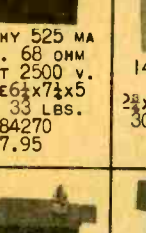
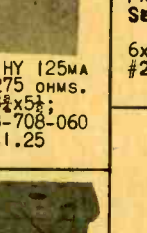
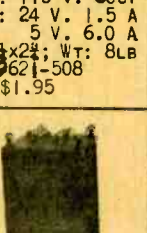
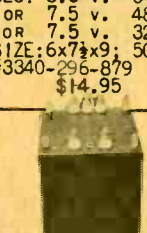
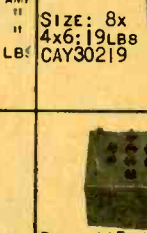

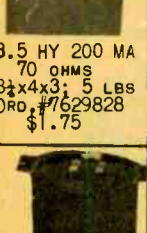
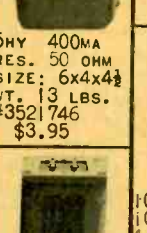

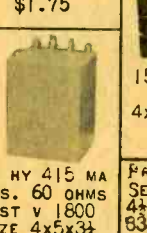
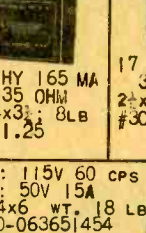
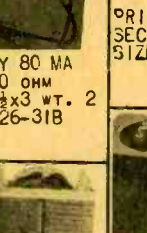
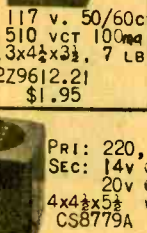
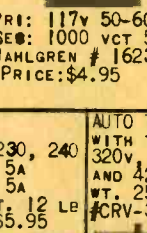
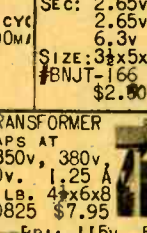

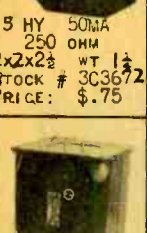
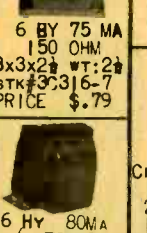

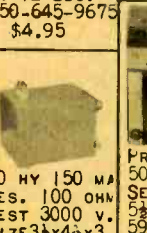
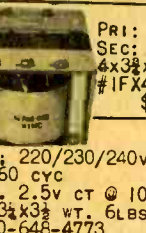
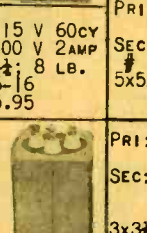
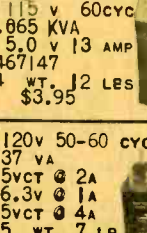
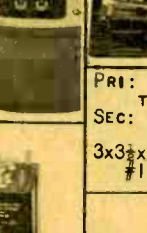


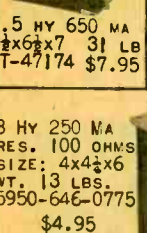


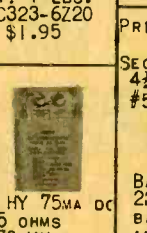
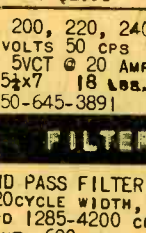

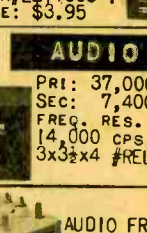
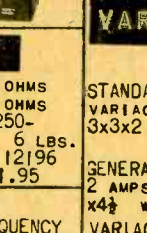
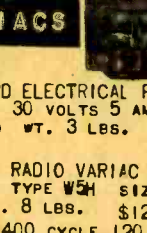
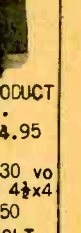




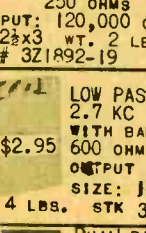
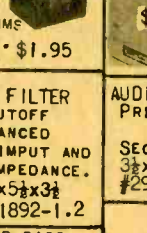
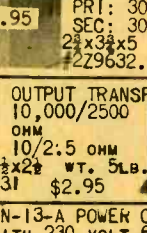

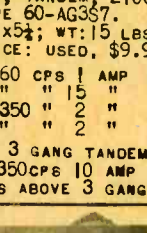
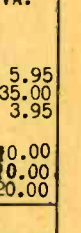
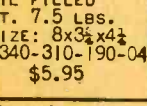
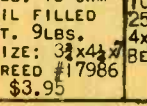
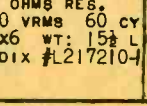
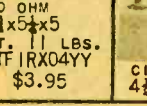
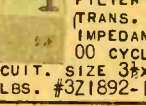
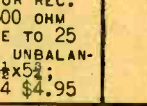
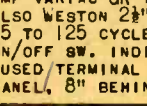
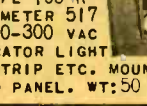
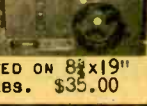

PRI: 120 V 60 CY
SEC: 2.5 V 10 A.
NO C.T. INS.10M.
4 1/2 x 3 1/2 x 5; 8 LBS.
#229611.144
\$2.95

PRI: 200/220/240V
50-60 CYC
SEC: 10V CT @ 10A
4x4 1/2 x 5 1/2 WT. 11LBS
THERMADOR CS-8705
PRICE: \$3.95

PRI: 115 V 60 CYC
SEC: 36 V 12 AMP
4 1/2 x 6 x 4; WT: 15 LB
#CON442
\$8.95

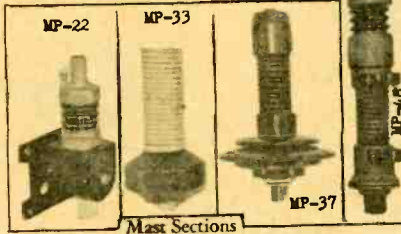
PRI: 117V 60-400CYC
SEC: 750 VCT 55 MA
5.0
6.3 V @ 5 AMPS
3 1/2 x 3 x 4 WT 5 LBS.
#271-P-1 \$2.95

FURNACE CONTROL
TRANSFORMER
PRI: 115/230V 60C
SEC: 23V 1.8A
MOUNTED ON 4x4
PLATE WITH 2x4
ELECTRICAL JUNCT
BOX. WT. 4LBS.
\$1.50

 <p>8 HY 100 MA 160 OHMS 2x3x2; 4LE #TR-1024 \$1.50</p>	 <p>25 HY 160MA 350 OHM 3x3x4; 8LB 3C317-38 \$1.50</p>	 <p>20HY @ 20MA 5HY @ 450MA 50 OHMS 3x4x5; WT 14LB GILFILLAN BROS. #23483 SWINGING CHOKE \$4.95</p>	 <p>.5-.25 HY @ .2-.6 ADC 7OHMS MAX DC 535V WVM 2x3x2 4 LBS. GE#9T35Y283 \$1.25</p>	<p>25 HY 35 MA DO 1070 MV 2x3x2; 2LBS GE#7415231 \$.79</p>	 <p>DUAL CHOKE 11 HY 100 MA 200 OHMS 4x4x5; WT 8 #3C557F-1 \$.75</p>	 <p>11 HY 500MA 1350 VAC @ 120V 7x6x9; WT. 42 L ITC NO. DC-6281 PRICE: \$8.95</p>	 <p>PRI: 206 V 60 CYCL ONE PHASE 10.6 KVA SEC: 30 V 115 VOLT PRIMARY SECONDARY 16 VOLT SIZE: 14x11x11 WT: 150 LB. #ACWE 2649 \$32.95</p>	 <p>SELENIUM RECTIFIER HALF OF FULL WAVE (FOR USE W/TRANS. T LEFT) SIZE 12x16x6 WT: 28LB. \$8.95 EA. TWO FOR \$15.00</p>	 <p>CURRENT TRANSFORM RATIO 150-5 AMPS. 25 TO 60 CYCLES WEST. TYPE KO STYLE 651911-B 5x6x5; WT: 10LB \$2.95</p>
 <p>8 HY 150 MA 100 OHMS MAX. W. V. 715 3x4x2; 5 LBS. #TF1A04HA \$1.95</p>	 <p>8 HY 500 MA 55 OHMS TEST VOLT 5000 5x6x8; WT. 28 3C317-11 \$7.95</p>	 <p>"A" CHOKE 1 HY 1 AMP .7 OHM 2x2x3 1 1/2 LB STK#M-13331 \$1.25</p>	 <p>12 HY 525 MA RES. 68 OHM TEST 2500 V. SIZE 6x7x5 WT: 33 LBS. #N284270 \$7.95</p>	 <p>14 HY 125MA 275 OHMS. 2x3x5; 5; 308-708-060 \$1.25</p>	 <p>PRI: 115 V. 60CY SEC: 24 V. 1.5 A 5 V. 6.0 A 6x4x2; WT: 8LB #229621-508 \$1.95</p>	 <p>PRI: 115 V. 60 CYC .25 KV INSULA SEC: 8.5 V. 54 AMF OR 7.5 V. 48 " OR 7.5 V. 32 " SIZE: 6x7x9; 50 LBS #3340-296-879 \$14.95</p>	 <p>PRIMARYS: 2/100 V 60 CYCLE SECONDARY: 2.5V A 7.5V 1.25 21V .1A 11.1V 10.0A 10V 6.5A SIZE: 8x 4x6; 19LBS CAY30219 \$3.95</p>	 <p>PRI: 117 V. 50/60C SEC: 510 VCT 100MA SIZE: 3x4x3; 7 LB 229612.21 \$1.95</p>	 <p>PRI: 117V 50-60 CYC SEC: 1000 VCT 500MA WAHLGREN # 1623 PRICE: \$4.95</p>
 <p>1.25 HY @ 1.23 ADC PWV 1070 TF1A04LB 6x5x4; WT: 21 LBS \$5.95</p>	 <p>3.5 HY 500 MA 30 OHMS 715 V WV 4x5x3; 10 LBS. TK1A04KA/A8694 \$3.50</p>	 <p>8 HY 450 MA THORD#T4473 P/O BC-303 TRAN 5x4x5; 18 LB STK#344622.1 \$6.95</p>	 <p>10 HY 150MA 210 OHMS WT. 4 1/2 LBS. SIZE: 2x5x2 1/2 #217386-1 \$1.75</p>	 <p>15 HY 165 MA 135 OHM 4x4x3; 8LB \$1.25</p>	 <p>17 HY 80 MA 300 OHM 2x2x3 WT. 2 #3C326-31B \$1.25</p>	 <p>PRI: 220, 230, 240 SEC: 14V @ 5A 20V @ 5A 4x4x5; WT. 12 LB CS8779A \$5.95</p>	 <p>AUTO TRANSFORMER WITH TAPS AT 320V, 350V, 380V, AND 420V. 1.25 A WT. 25 LB. 4x6x8 #CRV-30825 \$7.95</p>	 <p>PRI: 115V 50/60CPS VARIABLE OUTPUT 30- 135V 250 MA. 5x3x4 WT. 9LBS. NEW \$4.95</p>	 <p>PRI: 117V 50-60 CYC TEST 1500 VAC SEC: 6.3 VCT 1 AMP 6.3 VCT 7 AMP 3x3x5 WT. 7 1/2 LBS. #15-3418 \$2.95</p>
 <p>3.5 HY 200 MA 70 OHMS 3x4x3; 5 LBS ORD.#7629828 \$1.75</p>	 <p>5HY 400MA RES. 50 OHM SIZE: 6x4x4 WT. 13 LBS. #3521746 \$3.95</p>	 <p>10 HY 375MA 100 OHMS 4x4x6; WT. 13 #L217210-1 PRICE: \$4.95</p>	 <p>10 HY 415 MA RES. 60 OHMS TEST V 1800 SIZE 4x5x3 WT: 12 LBS. 5950-645-9675 \$4.95</p>	 <p>PRI: 115V 60 CPS SEC: 50V 15A 4x4x6 WT. 18 LB 8340-063651454 \$9.95</p>	 <p>PRI: 115 V 60CY SEC: 100 V 2AMP 4x3x4; 8 LB. #1FX46-16 \$5.95</p>	 <p>PRI: 115 V 60CYC .065 KVA SEC: 5.0 V 13 AMP #7467147 5x5x4 WT. 12 LBS \$3.95</p>	 <p>PRI: 120V 50-60 CYC 37 VA SEC: 5VCT @ 2A 6.3V @ 1A 5VCT @ 4A 3x3x5 WT. 7 LB BENDIX#L217336-1 PRICE: \$3.95</p>	 <p>STANDARD ELECTRICAL PRODUCT VARIAC 30 VOLTS 5 AMP. 3x3x2 D WT. 3 LBS. \$4.95</p>	 <p>GENERAL RADIO VARIAC 230 VO 2 AMPS. TYPE W5H SIZE 4x4x4 4x4; WT. 8 LBS. \$12.50 VARIAC 400 CYCLE, 120 VOLT 3 PHASE, TANDEM, 2100 VA. GR# TYPE 60-AG357. SIZE 11x5; WT: 15 LBS. PRICE: USED, \$9.95</p>
 <p>5 HY 50MA 250 OHM 2x2x2; WT 1 1/2 STOCK # 3C3672 PRICE: \$.75</p>	 <p>6 HY 75 MA 150 OHM 3x3x2; WT: 2 1/2 STK#3C316-7 PRICE \$.79</p>	 <p>CHOKE 10 HENRY @ 200 MA 135 OHMS 2000 VRMS 60 CYC 3x3x5 WT. 9LB BENDIX#L217380-1 PRICE: \$3.95</p>	 <p>10 HY 150 MA RES. 100 OHM TEST 3000 V. SIZE 3x4x3 WT: 7 LBS. 3C323-6220 \$1.95</p>	 <p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4x5x7 18 LBS. #5950-645-3891 \$6.95</p>	 <p>PRI: 220/230/240V 50-60 CYC SEC: 2.5V CT @ 10A 5x3x3; 3 1/2 WT. 6LBS 5950-648-4773 PRICE: \$2.95</p>	 <p>PRI: 37,000 OHMS SEC: 7,400 OHMS FREQ. RES. 250- 14,000 CPS. 6 LBS. 3x3x4 #REL 12196 \$1.95</p>	 <p>AUDIO FREQUENCY PLATE COUPLING PRI: 30 OHMS SEC: 3000 OHMS 2x3x5 WT. 6 LB #229632.197 \$1.95</p>	 <p>AUDIO OUTPUT TRANSFORMER PRI: 10,000/2500 OHM SEC: 10/2.5 OHM 3x3x2; WT. 5LB. #29531 \$2.95</p>	 <p>115 V. 60 CPS 1 AMP. \$ 5.95 115 V. " 15 " " 35.00 115 V. 350 " 2 " " 3.95 115 V. " 2 " " " (3 GANG TANDEM) 10.00 115 V. 350CPS 10 AMP 10.00 SAME AS ABOVE 3 GANG 20.00</p>
 <p>7.5 HY 650 MA 5x6x7 31 LB T-47174 \$7.95</p>	 <p>6 HY 80MA P/O TG-10 SIZE: 2x2x2 WT. 1 1/2 LBS. #27294 PRICE: \$.89</p>	 <p>3.9 HY 950 MA TAPPED 2.7 HY 25 OHM. D.C 2500 V. TEST 11x8x7; 45LBS. # 3C315-16 \$14.95</p>	 <p>10 HY 75MA DC 375 OHMS 1070 MV 2x2x1 1/2; 1 1/2 LB TF1A04EA \$0.89</p>	 <p>BAND PASS FILTER 2320 CYCLE WIDTH, BAND 1285-4200 CPS INPUT: 600 OHMS 250 OHMS OUTPUT: 120,000 OHMS 2x2x3 WT. 2 LBS. \$1.95 STK# 3Z1892-19</p>	 <p>LOW PASS FILTER 2.7 KC CUTOFF WITH BALANCED 600 OHM INPUT AND OUTPUT IMPEDANCE. SIZE: 1 1/2x5x3 1/2 WT. 4 LBS. STK 3Z1892-1.2 \$2.95</p>	 <p>AUDIO FREQUENCY PLATE COUPLING PRI: 30 OHMS SEC: 3000 OHMS 2x3x5 WT. 6 LB #229632.197 \$1.95</p>	 <p>PN-13-A POWER CONTROL PANEL WITH 230 VOLT 60 CYCLE 9 AMP VARIAC GR TYPE 100 R ALSO WESTON 2 1/2" METER 517 25 TO 125 CYCLE 0-300 VAC ON/OFF SW. INDICATOR LIGHT FUSED TERMINAL STRIP ETC. MOUNTED ON 8x19" PANEL, 8" BEHIND PANEL. WT: 50 LBS. \$35.00</p>	 <p>VARIACS</p>	
 <p>8 HY 250 MA RES. 100 OHMS SIZE: 4x4x6 WT. 13 LBS. 5950-646-0775 \$4.95</p>	 <p>2/9.5H. 300 50 MA RES. 75 OHM OIL FILLED WT. 7.5 LBS. SIZE: 8x3x4 1/2 3340-310-190-04 \$5.95</p>	 <p>10 HY 375 MA 100 OHMS RES. 2500 VRMS 60 CY 4x4x6 WT: 15 1/2 L BENDIX #L217210-1 \$3.95</p>	 <p>10 HY 225MA 85 OHM 3x5x5 WT. 11 LBS. #TF1RX04YY \$3.95</p>	 <p>DUAL BAND PASS FILTER FOR REC. TRANS. 600 OHM IMPEDANCE TO 25 00 CYCLE UNBALAN- CIRCUIT. SIZE 3x3x5 1/2; 4 1/2 LBS. #3Z1892-1.4 \$4.95</p>					
 <p>8HY 300 MA RESISTANCE 90Ω OIL FILLED WT. 7.5 LBS. SIZE: 8x3x4 1/2 3340-310-190-04 \$5.95</p>	 <p>2/9.5H. 300 50 MA RES. 75 OHM OIL FILLED WT. 9LBS. SIZE: 3x4x4 1/2 FREED #17986 \$3.95</p>								

ANTENNAS

Mast Bases



Mast Sections

3 ft. Tubular steel, cooper coated and painted sections. These screw together to make any desired length. MS-49 being the top & smallest section increasing in size through MS-50-51-52-53 to MS-54 being the larger one. Either the MS-53 or MS-54 will fit together to form any additional height desired. Example a 33 ft. vertical may consist of one each MS-49, 50, 51, 52, and 7 each of MS-53 or it may be finished out on the bottom with 6 MS-54 sections. Self support to about 18ft. Average Wt. app. 3/4lbs. MS-49-50-51-52-53 .50gea. MS-54 .75sea

Mast Bases

- MP-22 Side mount swivel mast base will tip to 90° either right or left. Has a spring snap lock in the vertical position, will take either the MS-53 or MS-54 mast sections. Size Mtg. plate 5" 6" X 10 1/2" high. Wt. 9 lbs. Price.....\$2.95
- MP-22A Same as above except mounting hole is for the MS-51 with the MS-49, MS-50 and MS-51. This will make a 9 ft. tapered antenna. Price \$2.95
- MP-33 A heavy weight spring mast base for the MS-53 or MS-54 with 5" phenolic insulator. 10 1/2" high. Requires a 2" Mtg. hole. Wt. 8 1/2 lbs. Price \$3.95
- MP-37 Heavy coil spring with an 8" climeter ceramic insulator. Requires a 2" Mtg. hole. 12" high. Wt 10 1/2 lbs. Price.....\$5.95
- MP-48 A rugged mast base with the insulator above the spring will take the MS-53 or MS-54 mast sections. Size 3"D. X 16 1/2"H. Wt. 11 3/4 lbs. Price..... \$4.95

PARABOLIC ANTENNA

DISH PAN TYPE, FOUR (4) FOOT DIAMETER ALUMINUM PAINTED GREY, 21" FEED FOR APPROX. 7100 MC. THREE INCH ROUND MTG. FOR WAVE GUIDE SIZE 1-5/16 X 5/8, FOUR (4) MOUNTING STUDS WITH HARDWARE. PHILCO # 463-2252-1.

SHIPPING WT. IN CARTONS 75 LBS. CRATE 225
 PRICES: WITH FEED \$29.95 LBS FEED \$25.00
 DEFROST ATTACHMENT \$5.00 EXTRA.

SIX HALF FT ANTENNA ANDREW # N-14519, DISH TYPE UY-2B 1700 to 1850 MC. WITH FEED STUB, PIPE MOUNTING ALUMINUM PAINTED GREY, 6 FT. 6 INCHES. SHPG. WT. 415 UNUSED \$49.50

REFLECTORS

MICROWAVE, PLANE TYPE CONFIGURATION, ALUMINUM, NOT PERFORATED. MOUNTED BY FRAME WORK OF REFLECTOR AND BRACKETS WITH HARDWARE, GUYS AND ADJUSTMENT FOR AZIMUTH. SIZE: 8 FOOT X 6 FOOT, NET WT. 125 LBS. SHPG. WT. 375. PRICE: \$50.00

- AS-150/ ART Whip Antenna 30" long with 8ft. matching coax cable & SO-239 plug. \$1.50
- AS-97/ART Whip same as above except 72"rod. 1.95
- AS-27/ARN-5 Horizontal folded dipole as used with RC-103, BC-T33, ARN-5 Equip. on airplanes. 108-110 MC. UNUSED \$5.95
- AN-148 Dipole Antenna 150 to 180 MC. 2.95
- AN-104A Stub Antenna f/SCR-522 100-156MC. 1.25

AS-27

AN-148

APS-2 REFLECTOR

POLISHED SPUN ALUMINUM. BAND CAN BE REMOVED. DIAMETER 29" X 27" FOCAL LENGTH 5" HOLE DIAMETER 2 1/2" SHPG. WEIGHT 6 LBS.

PRICE: \$5.95

IN-86

STRAIN INSULATOR Size 1x3 4 for \$1.

GROUND PLANE ANTENNA

Ground plane antenna to cover 20 to 50 MC. Made from surplus insulated base & screw in type mast sections. Mounts on 1 to 2 inch pipe. Specify operating frequency range.

AN-45 for BC-620 8 foot \$2.95

INSULATOR TERMINAL STRIP 8 feed thru insulators size 1/2 x 1, mounted on 1 x 9 terminal strip. Each strip \$.35 Four strips \$1.00

GROUND PLANE ANTENNA

\$10.95

ANTENNA PHOSPHOR BRONZE #16 1 CONDUCTOR WITH 2 SNAPS & SLIDE CONNECTOR, INSULATED.

AN-22 " 20 " .65

AS-65/APQ-2A ANTENNA ASSEMBLY CONSISTING OF 2 3" BASES WITH UG-23 COAX. CONN. AND ALUMINUM UG RODS 3/12", 1/9", 1/7", 1/5", 1/4". WT: 4 LBS. PRICE: \$.50

AN-75D WHIP ANTENNA TELESCOPING TYPE. SEVEN (7) FT. EXTENDED 14" COLLAPSED, WITH MOUNTING BRACKET & BINDING POST. PRICE: EACH \$1.50

AT-35 DIPOLE ANTENNA WITH UG-22 COAXIAL CONN. 2A288A-35 WT: 2LBS. \$1.50

SPREADER INSULATORS WHITE CERA 3/4"x4", 2" HOLE. CENTERS. \$.25 EACH 5 FOR \$1.00 3/4"x 12", 10" HOLE CENTERS \$.45 EACH, 3 FOR \$1.25

AN 109 AN 117 AN 75 AN 74 AN 75

- AN-109 WHIP ANTENNA; 5 FT. TAPERED 1/4 TO 1/8 PRICES: \$1.50 EACH SIX (6) FOR \$3.00
- AN-117 WHIP ANTENNA; 6 FT. TAPERED 5/8 TO 1/8 PRICES: \$1.50 EACH SIX (6) FOR \$3.00
- AN-75 TELESCOPING WHIP 7 FT. TAPER 5/8-1/16 PRICES: \$1.00 EACH SIX (6) FOR \$4.00
- AN-745 TELESCOPING WHIP 8 FT. TAPER 5/8-1/8 PRICES: \$1.00 EACH SIX (6) FOR \$4.00
- AN-130 GOOSENECK WHIP 30", SCREW BASE FITS INSULATOR LISTED BELOW. PRICE: \$1.00 EACH SIX (6) FOR \$4.00
- AN-20T CHROME TELESCOPING 20" PRICE: \$.50 EACH SIX (6) FOR \$2.00
- 2A-124 ALUMINUM ROD 3/8"x 6 FT. NO TAPER PRICE: .75 EACH SIX (6) FOR \$3.00

A-27 PHANTOM ANTENNA USED WITH BC-653 & BC-191 TRANSMITTERS FOR TUNING & LOADING WITHOUT REGULAR ANTENNA BEING CONNECTED. CONTAINS A 0-150 MMF. WIDE SPACED 3/16, VARIABLE CAPACITOR, 2/12 OHM 40 WATT NON-INDUCTIVE RESISTORS, MOUNTED IN A CASE 3 1/2 X 7 1/2 THAT HAS A POINTER KNOB AND 0-100 SCALE, ANTENNA & GND LEADS WITH COVER. WT: 2 LBS. PRICE: RE-NEW \$1.50

A-62 PHANTOM ANTENNA

\$1.25 USED WITH BC-604 TRANSMITTER FOR LOADING TRANSMITTER WITHOUT USE OF REGULAR ANTENNA. CAN BE USED FOR ANY TRANSMITTER IN THE 21 TO 28 MC. BAND. HAS A VARIABLE CAPACITOR 55 MMF., 2/RESISTORS, COIL SLUG TUNED, BINDING POSTS AND INDICATOR LAMP THAT LIGHTS WHEN TRANSMITTER IS LOADED. SIZE 3x6. WT: 4 LBS

AB-52/TRC-8 HALF WAVE DIPOLE ANTENNA & REFLECTOR 230-250 MC. 50 OHM COAX. CABLE FEED DIPOLE 1/2" DIA X 20" LG. 14" SUPPORT, UG-22 COAX FITTING, REFLECTOR 36x30, FOLDS TO 30"x23"x8", MOUNTS TO MAST HEAD BY MEANS OF ADJUSTABLE CLAMPS AND CAN BE USED FOR HORIZONTAL OR VERTICAL POLARIZATION. WT: 20 LBS. PRICE: \$3.95

UG-21 COAX. CONN. TO FIT ANTENNA \$.75

DU-1 LOOP ANTENNA FOR ARB REC. USED AS A DIRECTION FINDER IN THE 200 TO 1600 KC RANGE, OPERATING VOLTAGE IS NORMALLY SUPPLIED BY THE RECEIVER WHICH IS APPROX. 200 VDC AND 12 OR 24 VOLT DC. WITH 2/12 SK7 TUBES. SIZE: 17x12x12. 10LBI PRICE: NEW \$18.95 CONNECTOR PLUG " \$1.00

AN-190 LOOP ANTENNA; FREQUENCY RANGE 3.5 TO 6 MC. CONSISTS OF 5 TURNS OF WIRE ON A COLLAPSIBLE WOOD FRAME WITH HANDLE, 3FT OF CABLE WITH PLUG AND COUPLING ADJUSTMENT. CAN BE USED ON OTHER FREQUENCY SIZE: OPEN 21x27 1/2, CLOSED 17x3; WT: 4 LBS. \$1.50

AS-26/APR-2 ANTENNA USED WITH R-34/APR-2 RECEIVER FREQUENCY 400 TO 1000 MC. WITH UG-22 COAXIAL RECEPTACLE. SIZE: 8x6; WT: 3 LBS. PRICE: NEW \$5.95 UG-21 COAX. CONNECTOR TO FIT UG-22..... \$.75

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS THAT TUNES FROM 200 TO 1750 KC. OPERATES FROM 26 VOLT 400 CYCLE SIZE: 10x11x5; WT: 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95

RADAR ANTENNA RCA#636500-1 24" PERFORATED REFLECTOR, 12" STUB. 1/4 H.P. MOTOR 208 V. 400 CYC. 3 PHASE 360 DEG. ROTATION, 22.5 VARIABLE ANGLE, AY-2215 RESOLVER, 36/11.8 V. 400 CYC, 2 PHASE, RELAYS ETC. SIZE: 24 X 24 X20; WT: 40 PRICE: USED \$19.95

A P R ANTENNA

AS-125/APR ANTENNA; FOR USE WITH RECEIVERS OPERATING IN THE 1000-6000 MC. FREQ. RANGE, 6" MOUNTING RING W/HARDWARE, UG-22 COAX. CONN. RECEPTACLE. SIZE: 6x8; WT: 4 LBS. \$1.95 UG-21 TO FIT UG-22.....50

AS-158/APA-24 DIPOLE ANTENNA CONSISTS OF TWO DIPOLES THAT EITHER CAN BE USED IN A HORIZONTAL OR VERTICAL POSITION, FREQUENCY RANGE 450 TO 750 MC. MOUNTED ON 3/4" MAST, TWO LENGTHS OF TWIN COAX. WITH PLUGS 4 1/2 FT. PRICE: \$2.50

NEON LIGHTING ARRESTOR HI-POWER 4 for \$1

SMALL ANTENNA INSULATORS Insulating material made of polystyrene Size 1x1 1/2 Mtg. hole 3/4" Receptacle size 3/8x24 TH. STOCK # 223021-227 Fits ANT. AN-130, 131, Size 7/8x1 1/2 Mtg. hole 5/8" Receptacle size 1/2 x 20 TH. Fits any of the UHF Rods Stock # 223062-237 Specify type each \$.75

CABLES NEW COAXIAL CABLE

NEW MANUFACTURE AND BRANDED WITH STANDARD TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-BETWEEN LENGTHS USE THE HIGHER PRICE. LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

		100 FEET	500 FEET	1000 FEET	5000 FEET
RG-8/U	52 OHM	.12	.11	.10	.10
RG-11/U	75 OHM	.12	.11	.10	.10
RG-58/U	53 1/2 "	.05 1/2	.05 1/2	.05	.04 1/2
RG-59/U	73 "	.05 1/2	.05 1/2	.05	.04 1/2

PRICES ARE PER FOOT

NEW COAXIAL CONNECTORS

SO-239	PL-259	M-359	PL-258 JUNCTION
\$.45 EA.	\$.45 EA.	\$.49 EA.	\$.89 EA.
10 OR MORE	10 OR MORE	10 OR MORE	10 OR MORE
\$.39 EA.	\$.39 EA.	\$.45 EA.	\$.80 EA.

TYPES MAYBE ASSORTED TO OBTAIN THE LOW PRICE

Coaxial Cable FOR LESS THAN 3c Per Foot!

RG-54 A/U CABLE—
DESIGNED FOR LONG LIFE & CONSTANT ATTENUATION
58 OHMS, .250 OD. WITH POLYETHYLENE JACKET.

370 FOOT ROLL \$10.00 70 FOOT ROLL \$1.95

LESS THAN SPECIFIED LENGTHS .03 PER FOOT

COAX CABLE ASSY.

TYPE	OHMS	LENGTH	CONNECTOR	STOCK#	PRICE
RG-8/U	52	30FT	2/UG-21	CG-55	\$1.75
RG-8/U	52	8FT	2/PL-259	CA-102	.75
RG-21/U	53	10FT	UG/21/22	CD-780S	.35
RG-22/U	95	40FT	PL/284	CD-879	.75
RG-22/U	95	46FT	PL-284	CD-878	.80
RG-22/U	95	50FT	PL-284	CD-877	1.00
RG-62/U	93	10FT	2/UG-88	CG-1410	.35
RG-62/U	93	22FT	2/UG-88	CG-1410	.75
RG-62/U	93	35FT	2/UG-88	CG-1410	1.00
RG-62/U	93	130FT	2/UG-88	CG-1410	1.95

CABLE #	PLUG #	LENGTH	USED WITH	PRICE
3E7243-2	GK12-23 1/2	52 IN.	TCS/REC-PS	\$2.75
3E7273-19	SKC16-23 1/2	29 IN.	TCS/TRS-PS	2.75
CD-515		48 IN.	BC-669	5.95
CD-501	F/BC-654 & PE-103			4.95
CD-548	2EA PL118	9 FT.	TEST SET	4.95
CD-549	2/ PL-112	9 FT.	TEST SET	4.95
CD-526	2/ PL-153	5 FT.	274 N SERIES	4.95
CD-532	2/ PL-152	5 FT.	" "	2.75
CD-509		8 FT.	BC-659/620	2.75

ATTENUATOR

IMPEDANCE MATCHING ASSEMBLY WITH 52 OHM CABLE 20" LONG, PL-259 CONNECTORS EACH END AND ATTENUATOR WITH 3" SLIDING ADJUSTMENT AND FEED THRU CONNECTORS EACH END. ATTENUATION 30 DB TO 100 DB 30 TO 450 MC. STOCK# 22396-7
PRICE: USED \$1.25 UNUSED \$1.95

CORDS AND CONNECTORS #3701 9 1/2" RG-71/U WITH BNC CONNECTORS UG-260/U AND CHASSIS CONNECTOR. \$.85

#6784 3 1/2" COAX WITH BNC CONNECTOR UG-260B/U AND UG-262B/U \$.50

#0156 6 1/2" RG-9A/U WITH 2 CONNECTORS UG-21D/U \$.65

1-223

RANGE CALIBRATOR

1-223 RANGE CALIBRATOR IS USED FOR CHECKING AND ADJUSTING THE RANGE MEASURING CIRCUITS OF A PULSE-OPERATED RADAR APPARATUS

THE RANGE CALIBRATOR IS USED TO CALIBRATE, AT A NUMBER OF SELECTED POINTS, THE RANGE INDICATIONS OF RADAR APPARATUS. THIS UNIT PRODUCES THREE OUTPUTS: A SINE-WAVE OUTPUT AT 163.94KC A SYNCHRONIZING PULSE WITH A REPETITION RATE OF APPROX. 240 PULSES PER SECOND, AND POSITIVE PULSES HAVING PULSE WIDTH OF NOT MORE THAN ONE MICROSECOND AND A REPETITION RATE OF 163,940 TIMES PER SECOND. COMPLETE WITH CRYSTAL 163.94 KC; TUBES: 2/6V6, 2/6L6, 2/6SN7, 6SJ7, 5Y3. SIZE: 9 1/2"x11 1/2"x12 1/2" WT. 31 LBS. USED: \$12.95



ELECTROFAX

SIGNA GUARD

ROA ELECTROFAX SIGNA GUARD USED TO ENCODE THE SIGNATURE OF BANK CUSTOMERS BY A PROCESS OF LIGHT EXPOSURE AND HEAT DEVELOPMENT. SPECIAL FIBER OPTICS USED TO DECODE SIGNATURE. THE PROCESS IS TIMED BY A CAM TYPE TIMER. THE ORIGINAL SIGNATURE TO BE ENCODED IS PROJECTED ON LIGHT SENSITIVE PAPER, THE EXPOSED SIGNATURE IS THEN SCRAMBLED, THEN IT IS MOVED ON TO THE HEAT DEVELOPER. THE ENCODED SIGNATURE IS THEN PLACED IN THE PASSBOOK. WHEN A WITHDRAWAL IS MADE THE TWO SIGNATURES ARE COMPARED UNIT HAS HIGH VOLTAGE POWER SUPPLY, PROJECTION LAMPS, MOTORIZED CARRIAGE, MISC. COMPONENTS AND FIBER OPTICS. SIZE: 13x11x22 WT. 50 LBS. NEW: \$34.95

RADIATION DETECTOR

RADIAC SET AN/PDR-88 RADIATION DETECTOR. THIS IS A PORTABLE, BATTERY OPERATED RADIAC DETECTOR COMPUTER, AND INDICATING DEVICE. ITS PURPOSE IS TO DETECT AND MEASURE BETA AND GAMMA RADIATIONS TOGETHER OR GAMMA RADIATION ALONE, RADIATION IS INDICATED VISUALLY BY A METER HAVING FOUR RANGES IDENTIFIED BY COLORED SCALES. RANGES ARE 0-0.01 R/24 HRS. (BETA AND GAMMA) 0-0.1 R/24 HRS. (BETA AND GAMMA), 0-1.0 R/24 HRS. (GAMMA), AND 0-10 R/24 HRS. (GAMMA) SET INCLUDES: RADIACMETER, RADIAC DETECTOR, REMOTE HANDLE, HEADSET, AND CARRYING CASE. IN GOOD CONDITION WITH INSTRUCTION MANUAL. 10x10x12 WT. 25 PRICE: \$29.95



GE POWER ISOLATION TRANSFORMER MC-20/20 AMPS, 5000 VOLTS, 500 WATTS. USED FOR LIGHTING AIRPORT LANDING STRIPS & LARGE AREAS DIRECT FROM UTILITY POLES OR SERIES PARALLEL ARRANGEMENT FOR 115/230/440 VOLT ISOLATION. FOUR TRANS. CAN BE WIRE IN SERIES/PARALLEL FOR 4 24 V 20A OUTPUTS OR THRU A FULL WAVE BRIDGE 24V 80 A. RUBBER COVERING FOR OUTDOOR USE AND FOR BUARIAL w/SPECIAL CONNECTORS. (SEE CABLE BELOW) GE#3372363; 8x8x6; 30 LB. NEW \$14.95



RUBBER COVERED CABLE WITH CONNECTORS FOR THE ABOVE TRANSFORMER 8 FT. LONG. 5 LBS. \$2.00

CABINETS

METAL EQUIPMENT CABINETS	HEIGHT	DEPTH	PANEL	SIZE	WT
	10 1/2	15	19x8 1/2	28	
					USED \$5.95 (BLACK)
SLOPING FRONT CABINETS	WIDTH	DEPTH	HEIGHT	WT.	
	14 1/2	8	8	6	
	18 1/2	8	9	7	
					USED \$2.95 EA.
	16	8	8 1/2	8	USED \$3.95

TS-13/AP TEST SET; CONSISTS OF SIGNAL GENERATOR, XA BAND WAVEMETER, WATTMETER, PLUMBING ETC. OPERATES FROM 115 VOLT 60 TO 800 CYCLE. USED FOR BENCH FIELD TESTING OF RADAR EQUIP. ASD, AIA, AFS-3 ETC. SIZE: 20x10x12; WT: 65 LBS. PRICE: USED \$40.



LIMA Kwikstart POWER PAK



KWIKSTART POWER PAK STARTS ANY 6, 12 OR 24 VOLT ENGINE SYSTEM FROM 115 VOLT 60 CYCLE IN ANY KIND OF WEATHER. NEWLY MANUFACTURED OF LATEST DESIGN UNIT IS A POWER HOUSE OF ENERGY ENERGY NEEDED TO START STUBORN ENGINES IN SUB-ZERO WEATHER, EVEN THOUGH THE BATTERY MAY BE DEAD. PORTABLE UNIT ONLY WEIGHS 30 LBS. AND COMES WITH 4 FT. CABLE WITH HEAVY DUTY CLAMPS AND 6 FT. LINE CORD.

STANDARD UNITS: 12 V. 225 AMP. \$80.00
6 V. 400 AMP. \$115.00 24 V. 115 AMP. \$90.00

ALSO AVAILABLE ARE UNITS FOR COMBINATION VOLT AGES, POLARITY PROTECTION, QUICK START/FAST CHARGE AND SPECIAL AIRCRAFT TYPES.

BC-966 RECEIVER-TRANSMITTER 160 TO 211 MC. CODED SIGNAL FOR IFF FRIEND OR FOE IDENTIFICATION IN AIRCRAFT. WITH 13 TUBES 3/6H6, 3/7193, 7/6SH7, RELAYS, VOLTAGE REGULATOR, RESISTORS, CONDENSERS ETC. LESS DYNAMOTOR. SIZE: 12x13x9; WT: 43 LBS. USED \$4.95

BC-1268 OSCILLOSCOPE FOUNDATION UNIT WITH CONTROLS ON FRONT SUCH AS HORIZ. VERTICAL, SWEEP, INTENSIT CENTERING & INPUT OUTPUT CIRCUITS. USES TUBES 12/6SN7, 5/6SL7, 7/6V6 & 5CP1. VOLTAGE REQUIRED 2400 VDC, 300 VDC & 6.3 V. (SEE RA-105 PAGE 20 SIZE 24x20x10 1/2; WT: 100 LBS. COND. USED. PRICE: LESS TUBES \$9.95 WITH NEW TUBES \$24.95

BC-745 TRANSMITTER-RECEIVER A.M. CHASSIS; 2 TO 6 MC. CRYSTAL CONTROL FIXED FREQ. BY USE OF PLUG IN UNITS. (SEE PAGE 5 FOR DESCRIPTION 12 1/2x6x6; WT: 7 LB. LESS TUBES \$3.95

JUNCTION BOX JB-70-A ORIGINALLY USED WITH SCR 399-A AND SCR 499-A RADIO SETS. FRONT PANEL HAS SWITCHES AND CONTROLS FOR OUTLETS ON BOTTOM AND SIDE OF UNIT. 4 HEADSET JACKS, 2 KEY JACKS CIRCUIT BREAKER, 2 WAFER SWITCHES THREE AND FIVE POSITION, 4 TOGGLE SWITCHES, LEVER SWITCH AND HEAVY DUTY START-STOP SWITCH. 15 VARIOUS SIZES AND TYPES OF OUTLETS. SIZE: 19x13x5 1/2 WT. 40 LB

1-83 DYNAMOTOR TEST SET USED FOR CHECKING 14 VOLT OR 28 VOLT DYNAMOTORS. VARIABLE INPUT & OUTPUT CONTROLS ENABLE SIMULATION OF LOAD CONDITIONS. 3" METERS FOR MEASURING INPUT & OUTPUT VOLTS 0-35 VDC & 500 VDC RESPECTIVELY. INPUT CURRENT 0-10 AMPS, OUTPUT 0-250 MA. ALSO METER FOR MEASURING PERCENTAGE OF RIPPLE IN THE INPUT & OUTPUT. (THIS IS NOT A DC POWER SUPPLY ONLY A TEST UNIT) SIZE: 12 1/2x12 1/2x10 1/2. WT 23 PRICE: USED \$18.95
CONNECTOR, CABLE & TERMINAL STRIP... \$2.75

HIGH CAPACITY CAPACITORS

HIGH CAPACITY CAPACITORS IN BANKS OF TWENTY OR INDIVIDUALLY. 16x13x5, WT 40 LBS. FOR RACK MOUNTING.
SOLA 25,000 MFD @ 25 VDC SINGLE \$1.95 BANK \$28.50
MALLORY 20,000 MFD @ 25 VDC SINGLE 1.50 BANK 24.50

FREQUENCY POWER METER

FREQUENCY POWER METER ME-51/UP FREQUENCY COUNTER 1100-3999 CALIBRATED TO FREQUENCY 3100MC TO 3500 MC. HAS 0-1.5 MA; 0-25 MW METER. WITH CABLES. IN METAL CARRYING CASE. 18 LBS. 8 1/2x9 1/2x9 1/2 USED \$19.95



DYNAMOTOR TESTER



TS-414 DYNAMOTOR TESTER
THIS EQUIPMENT PROVIDES A MEANS OF TESTING DYNAMOTORS OF SEVERAL TYPES UNDER LOAD CONDITIONS. PROVISION IS MADE FOR THE MEASUREMENT OF INPUT VOLTAGE, INPUT CURRENT, OUTPUT RIPPLE VOLTAGE OF BOTH SINGLE AND MULTIPLE OUTPUT DYNAMOTORS. METERS; INPUT D.C.V.; INPUT AC VOLTS RMS; DC OUTPUT CURRENT; DC OUTPUT VOLTS POWER REQUIRED; 14/28 VDC, 50 AMPS.
SIZE: 27x21x17 1/2; WT. 100 LBS. \$79.50

PUT VOLTAGE, OUTPUT CURRENT AND OUTPUT RIPPLE VOLTAGE OF BOTH SINGLE AND MULTIPLE OUTPUT DYNAMOTORS. METERS; INPUT D.C.V.; INPUT AC VOLTS RMS; DC OUTPUT CURRENT; DC OUTPUT VOLTS POWER REQUIRED; 14/28 VDC, 50 AMPS.
SIZE: 27x21x17 1/2; WT. 100 LBS. \$79.50

FLUORTEST



DACO FLUORTEST USED TO TEST 4 OR 6 WATT FLUORESCENT LAMPS 60, 120, 200 AND 400 CYC. TESTS POWER SUPPLY, FIXTURES LAMPS, STARTERS, REACTOR
CONTAINS 2 1/2" MILLIAMMETER AND SET OF CORDS. OPERATES FROM 110 VOLTS 60 CYC. WT. 15 LBS
SIZE: 7x13x15 \$8.95

CONTAINS 2 1/2" MILLIAMMETER AND SET OF CORDS. OPERATES FROM 110 VOLTS 60 CYC. WT. 15 LBS
SIZE: 7x13x15 \$8.95

MICROWAVE GENERATOR



TS-147B/UP MICROWAVE SIGNAL GENERATOR
PORTABLE UNIT DESIGNED TO TEST AND ADJUST RADAR, RECON AND MICROWAVE COMMUNICATION SYSTEMS OPERATING IN THE FREQUENCY RANGE OF 8500 TO 9600 MC. PROVIDES EITHER FM OR CW TEST SIGNALS OF KNOWN POWER LEVEL & FREQUENCY. THIS UNIT CONTAINS A DIRECT READING FREQ. METER AND POWER LEVEL METER WHICH POWER REFERENCED TO ONE MILLIWATT (DPM). USED TO MEASURE THE FREQ. AND POWER LEVEL OF THE INPUT AND OUTPUT SIGNALS. SPECTRUM WIDTH, FREQ. CHANGE, RECOVERY TIME AND STANDING WAVE RATIO. CAN ALSO BE MODULATED EXTERNALLY. OPERATES FROM 115 VOLT 50-1600 CYCLES. LESS CABLES, PLUGS, ADAPTER, PICK UP HORN. SIZE: 11x11x18 1/2x12 1/2; WT: 35 LBS. USED
TS-147B/UP SIGNAL GENERATOR AS PHOTO \$59.50
TS-147A/UP " " SIMILAR TO " 49.50

IN THE FREQUENCY RANGE OF 8500 TO 9600 MC. PROVIDES EITHER FM OR CW TEST SIGNALS OF KNOWN POWER LEVEL & FREQUENCY. THIS UNIT CONTAINS A DIRECT READING FREQ. METER AND POWER LEVEL METER WHICH POWER REFERENCED TO ONE MILLIWATT (DPM). USED TO MEASURE THE FREQ. AND POWER LEVEL OF THE INPUT AND OUTPUT SIGNALS. SPECTRUM WIDTH, FREQ. CHANGE, RECOVERY TIME AND STANDING WAVE RATIO. CAN ALSO BE MODULATED EXTERNALLY. OPERATES FROM 115 VOLT 50-1600 CYCLES. LESS CABLES, PLUGS, ADAPTER, PICK UP HORN. SIZE: 11x11x18 1/2x12 1/2; WT: 35 LBS. USED
TS-147B/UP SIGNAL GENERATOR AS PHOTO \$59.50
TS-147A/UP " " SIMILAR TO " 49.50

WAVEMETER

TS-117 WAVEMETER; 2400 TO 3400 MC P/M 3 MC TRANSMISSION RANGE; P/M 6 MC. ABSORPTION RANGE; 0-50 MICR OAMP METER D.C. IN21B CRYSTAL RECTIFIER, AS-23/AP ANTENNA, UG-57U, UG-131/U ADAPTERS AND CG-183/U CABLE. TUNING CAVITY WITH CALIBRATION CHART. WOOD CARRING CASE. SIZE: 8x6x6 1/2; WT: 10 LBS.
PRICE: USED \$18.95
RE-NEW 24.95



APR TUNING UNITS

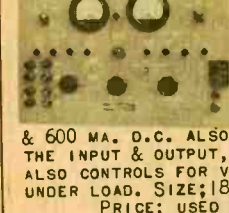


TN-1/APR-1 TUNING UNIT 30-90 MC. PLUG IN TYPE USED WITH APR-1 & APR-4 RECEIVERS. THIS UNIT IS WITH 2/9002 TUBES. (WILL MAKE A GOOD FRONT END FOR 6 METERS) WITH CASE AND SHOCKMOUNTED BASE.
SIZE: 9x7x15; WT: 25 LBS. NEW \$24.95

IS WITH 2/9002 TUBES. (WILL MAKE A GOOD FRONT END FOR 6 METERS) WITH CASE AND SHOCKMOUNTED BASE.
SIZE: 9x7x15; WT: 25 LBS. NEW \$24.95

1-199 TEST SET

DYNAMOTOR & HAND GENERATOR TESTER USED TO CHECK EQUIPMENT UNDER LOAD CONDITIONS. INPUT VOLTAGE READINGS 0-60 VOLTS DC & 60 AMPS. D.C. OUTPUT VOLTAGES 0-1200 VOLTS D.C. PERCENTAGE OF RIPPLE IN THE INPUT & OUTPUT, ALL SHOWN ON 3" RD. METERS ALSO CONTROLS FOR VARYING VOLTAGE & CURRENT UNDER LOAD. SIZE: 18x12x11; WT: 40 LBS.
PRICE: USED \$29.50 NEW \$39.50



BC-638 FREQUENCY METER

**100 TO 156 MC CRYSTAL CONTROL ON FOUR PRE-SET FREQUENCIES; VARIABLE TUNING WITH MAGIC EYE CONTROL. USED WITH SCR-522 AND OTHER SETS. OPERATES FROM 115 VOLT 60 CYCLE ALSO PROVISIONS FOR BATTERY OPERATION AND HAS SELCONTAINED MODULATOR. RACK PANEL MFG. 19" X7 1/2" WT: 35 LBS.
PRICE: USED \$12.95**



1-177 TUBE CHECKER

USED \$29.95

PORTABLE DYNAMIC MUTUAL CONDANCE TYPE WITH 3" METER FOR INDICATING GOOD, BAD OR QUESTIONABLE ALSO GASES, SHORTS & NOISE. WILL CHECK 4 TO 7 PIN LARGE, SMALL, OCTAL, LOCTAL, ACORN ETC. WITH CHART FOR TUBES BEFORE 1953 LATER TYPES SEE BELOW. SIZE 5 1/2x15 1/2x8 1/2; 16 LBS



1-177 TUBE CHECKER ADAPTER; NEWLY MANUFACTURED UNIT TO REPLACE THE MX-949/U MILITARY TYPE. HAS SOCKETS TO TEST 7&9 PIN MINIATURE, OCTAL, LOCTAL, NOVAR AND COMPACTRON TUBES. PIN PLUGS ARE USED FOR THE TUBE SET-UP. \$26.50
BIGELOW 1-177/MX-949 SPEC. ADAPTER 1-177 SERIES TUBE SET-UP CARDS FOR USE WITH THE ABOVE DESCRIBED ADAPTER TO CHECK THE MORE MODERN TYPE TUBES. MANY TYPE ARE NOW SET UP AND YOU GET A ONE YEAR TUBE DATA SUBSCRIPTION FOR ADDITIONAL TYPES.
ORDER BIGELOW 1-177 CHART.... \$4.99



SUPERSONIC SELECTOR



NAVY SUPERSONIC SELECTOR IS A TEN CHANNEL SELECTOR USING 12SH7 AMPLIFIERS AND ADJUSTABLE TUNED CIRCUITS. FREQUENCIES SET: 20, 27.5, 35, 42.5, 50, 57.5, 72.5, 87.5, 102.5, 117.5, CYCS. UNIT CONTAINS 10 SPST 3300 OHM TELEPHONE TYPE RELAYS AND 10/12SH7 TUBES. SIZE 11x12 1/2x6 1/2 WEIGHT 30 LBS. \$8.95

SIGNAL DATA RECORDER TEST SET

USED FOR TESTING TAPE TYPE RECORDERS IN AIRCRAFT. OPERATES FROM 115 VOLT 400 CYCLE, WITH 2/5787W & 2 VOLTAGE REGULATOR TUBES, 3 1/2" RD. 0-50 MICRAMPERES METER, PICK-UP HEAD, CABLE ETC. IN CARRING CASE. SIZE 13x6x9; WT: 12 LBS.
#7CAC-801319-628 \$24.95



ALTIMETER TEST SET



TS-10B/APN USED FOR CHECKING SENSITIVITY, TUNING, ANTENNA SYSTEMS, CALIBRATION AND LIMIT CALIBRATIONS OF ALTIMETERS. CONTAINS 370 FT & 70 FT 58OHM RG-54A/U COAXIAL CABLE DELAY LINES, L-101 COAXIAL ATTENUATOR, 1D-98 INDICATOR, 2/8 FT 1/20" 1/12" OF RG-8 52 OHM COAXIAL CABLE WITH PL-259 CONNECTOR EA. END AND 4/50-239 CONNECTORS. COMPLETE IN CARRING CASE 19x15x7 WT 36 (SEE PAGE 5 FOR COAXIAL CABLE & CONN. ONLY)
PRICE: USED \$15.00 UNUSED \$18.00

1-61 TEST SET FOR TRANSMISSION MEASURING

PORTABLE BATTERY OPERATED UNIT USED TO MEASURE LOSSES OR GAINS IN CIRCUITS OR APPARATUS. AUDIO OSCILLATOR FREQUENCIES OF 500, 1000 AND 2500 CYCLES WITH LEVELS OF -40DBM, -20 DBM OR 0 DBM INTO A 600 OHM LOAD, THE RECEIVING AMPLIFIER IS CALIBRATED TO MEASURE LEVELS FROM A 600 OHM SOURCE BETWEEN -50 DBM & 15 DBM IN STEPS OF 0.5 DBM OVER THE FREQUENCY RANGE OF 100 TO 10,000 CYC THE 0 DBM IS ONE MILLIWATT IN 600 OHMS.
UNIT ALSO CONTAINS A EE-88 FIELD TELEPHONE, BATTERY OPERATED ASSY. WITH A TS-9 HANDSET. AND BE PURCHASED WITHOUT THIS ASSEMBLY. COMES IN WOOD CARRING CASE 18 1/2x10x11; WT: 47LB
PRICE, COMPLETE WITH TELEPHONE ASSY & TS-9 USED \$29.95 RE-NEW \$39.50
LESS TEL. ASSY " 19.95 " " 29.50



BC-906 FREQUENCY METER; ABSORPTION TYPE USING THE DIP OF A 500 VDC MICROAMMETER 2" FOR FREQ. INDICATION. REQUIRES BATTERIES FOR OPERATION. WITH ANTENNA 4" DIAL ETC. SIZE: 6 1/2x12x10 WT: 20 LBS. USED. \$9.95

URC-4 TEST SET



TS-684/URM-30 ANALYZER FOR URC-4 RADIO SET, ALIGNMENT AND TESTING CONTAINS 0-1 MA METER, METERING SWITCH, CRYSTAL OSCILLATOR, ANTENNA CABLES ETC. IN METAL CARRING CASE. SIZE: 6x6x4; WT: 4 LBS. NEW \$8.95

RANGE CALIBRATOR

AN/UPM-11 RANGE CALIBRATOR ELECTRONIC DEVICE WHICH PROVIDES A MEANS OF CALIBRATING ACCURATELY THE RADAR RANGE OF ANY X-BAND RADAR SYSTEM. COVERS FREQUENCY RANGE 8500-9600 MC. PROVIDES MARKERS FROM 200 TO 50,000 YARDS. CONTAINS BOTH MANUAL AND AFC TUNING. POWER REQUIRED 115V 50-1000 CYCLES. SIZE: 15x19x22. WT. 85 LBS. \$100.00



RADAR TEST SET



AN/UPM-8 RADAR TEST SET DESIGNED TO PERFORM RAPID PRE-FLIGHT CHECKS OF INSTALLED TRANSPONDERS. UNIT CHECKS TRANSMITTER AND RECEIVER FREQUENCY, POWER OUTPUT, AND PULSE SPACING SIMULTANEOUSLY. COMPLETE WITH TUBES; 6AU6; 3/6D4; 2/12A7T; 2/6AH6; 6/6AN5; 2/6F4; 5896; 2/5814A; 5687; 5675; 2/6AK5; 2021W; 6AL5; 2/6X4W; OA2WA; OB2WA; 2/5670; 2N274. POWER REQUIRED 115V 50-1000 CYCLES. SIZE: 14x13 1/2x13 1/2. WT. 40 LBS. \$39.95

TS-36/AP X BAND RADAR POWER METER; GENERAL PURPOSE TEST INSTRUMENT USED FOR CHECKING RADAR SETS IN THE X BAND. W/0-200 DC MICROAMP METER, 3 1/2" RD. BATTERY OPERATED. ALSO HAS SQUARE WAVE GUIDE ATTACHMENT SAME AS USED ON TS-35 X BAND SIGNAL GENERATOR. SIZE: 9x7x6 WT: 9 LBS. PRICE: LIKE NEW \$9.95



LAF-2 R.F. SIGNAL GENERATOR USED FOR SIGNAL ALIGNING, TESTING AND SERVICING OF RADAR & ELECTRONIC EQUIPMENT IN THE 90 TO 700 MC. RANGE, PULSE EMISSION, VOLT OUTPUT 0-100,000 MV. IMP. INPUT 10M OHMS, OUTPUT 50 OHMS, PULSE DELAY 3-300 USEC. DURATION 2-300 USEC. REP. RATE 60-2500 PPS. ACC. 1%. SIZE: 13x11x18; WT: 75 LBS. PRICE USED \$75.00

LS-1 SIGNAL GENERATOR, 90-95 MC CRYSTAL CONTROL, 0-50 MICROAMP. METER 3 1/2", BATTERY OPERATED 3/BURGESS 5308.45 VOLT TAPPED 22 1/2 & 2/5360; 4 1/2 V. & 2/4FA; 1 1/2 VOLT. WITH TUBES 2/3AB, 1/1Q5 & 1/1N5. UNIT ALSO HAS A AUDIO OUTPUT. SIZE 12x12x11; WT: 20 PRICE: \$18.95

OAP/CHZ-60ABN WAVEMETER-OSCILLATOR 140 TO 240 MC. R.F. VTVM CIRCUIT WITH 6E5 MAGIC EYE INDICATOR TUBE. SO-239 CONNECTORS FOR INPUT CIRCUITS, WAVEMETER, V.T.V.M. OUTPUT OSCILL. OSCILL. CALIB. 50 OHM NON-INDUCTIVE LOAD. 115 VOLT 50-70 CYC SIZE: 9x15 1/2x10; WT: 35 LBS. PRICE: USED WITH CALIBRATION CHART \$14.95

COMPUTER AMPLIFIER SYSTEM CONTAINS FIVE SPERRY SYNCHRO TRANS. PT#662426-3 CONNECTED BY GEARS TO DIALS, FOUR AMPLIFIER CHASSIS WITH 2/6J6 TUBES EACH, 3 1/2" NULL METER 10x0-10, CABLE AND ADAPTER IN ALUM. CARRING CASE 6 1/2x17 1/2x10x10; WT: 35 LBS. STK#T-101023 PRICE: \$22.95

C-113/TRA-2 CONTROL UNIT USED FOR REMOTE CONTROL OF T-14/TRC-1 TRANSMITTER, OPERATES FROM 115/230 V 60 CYCLE SUPPLIES 56 VDC @ 130 MA. FOR OPERATION OF MIC. & PHONE CIRCUITS UP TO 2 MILES FOR INTERCOM USE FROM A TWO WIRE CIRCUIT. WITH PORTABLE CASE, CABLES, RELAYS ETC. SIZE 14x9x12; WT: 30 LBS. PRICE: UNUSED \$4.95

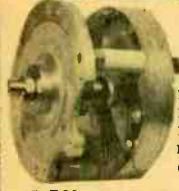
STROWGER RELAY

STROWGER STEP BY STEP RELAY ASSEMBLY IS USED IN CENTRAL OFFICE DIAL TELEPHONE EXCHANGE. THIS IS THE HEART OF THE DIAL TELEPHONE SYSTEM AS IT HAS THE TEN STEP BANK SELECTION AND 10 STEP LINE SELECTION TRUNK LINE SENSING MECHANISM WITH NECESSARY HOLD AND RELEASE RELAYS. (THE BANK OF ROTARY STEPPING SWITCHES IS NOT PART OF THIS ASSY) SIZE 14x5x7; WT: 13 LBS. WE#ED55242-31G1
PRICE: USED \$5.95



BUTTERFLY CONDENSERS

AN/APR type tuners can be used for ultra high frequency transmitters, receivers, frequency meters, and oscillators.



C-701
135-485 Mc
4 1/2" dia. 2 1/2" deep
Price: \$4.95

C-904
106-330 Mc
4 1/2" dia. 3" deep
Acorn socket for 955 tube.
Price: \$4.95



C-706
300-1000 Mc
2 1/2" dia. 2 1/2" deep
Price: \$3.95

H-3621
300-1000 Mc.
2 1/2" dia. 2" deep
Price: \$3.95

U.H.F. TUNERS

ULTRA HIGH FREQUENCY ASSY. TUNING UNIT USING 2C39 TUBE AS DRIVER AND 2C39 AS A POWER AMPLIFIER. FREQ. OUTPUT 225-350 MC., 6F4 TUBE OSCILLATOR 112-175 MC. AND 6F4 DOUBLER CIRCUIT, TUNED CIRCUITS ARE GANGED FOR SINGLE KNOB CONTROL. ALSO HAS HAYDON 4.5 V. 75 MA. 12R.P.M. TIMER MOTOR. REMOVED FROM ARC-12 EQUIPMENT. SIZE: 10x6x4; WT: 7 LBS. #KS10362
PRICE: LESS TUBES \$3.95



ULTRA HIGH FREQUENCY TUNER; CONSISTS OF REC. R.F. AMPLIFIER MIXER, AND H.F. OSCILLATOR 225-350 MC. OUTPUT TO I.F. 15.1 MC., USES 6/6AK5 AND 1/12 AS6 TUBES, ALSO CRYSTAL BETWEEN 13 AND 41.5 MC., VARIABLE CONDENSERS ONE FOUR GANG 4-24 MMFD PER SECTION, OTHER 4 GANG 3 SEC. 4-25 AND ONE SEC. 5-41 MMFD, SINGLE DIAL CONTROL. REMOVED FROM ARC-12 EQUIPMENT. SIZE: 8x5x3; WT: 4 LB STK# KS-10329 PRICE: LESS TUBES \$2.95



AUTO CONTROL

ELECTRIC AUTOTUNE ASSEMBLY THAT OPERATES FROM 115 VOLT 60 CYCLE, 1/100 HP CAPACITOR TYPE MOTOR WITH AUTOMATIC GEAR & RACQUET ASSEMBLY THAT ENABLES YOU TO PRE-SET MOTOR ANY 10 POSITIONS IN 360 DEG. UNIT IS GEARED TO A TWO DECK 12 POSITION CERAMIC WAFFER SWITCH THAT TERMINATES INTO A PLUG-IN SOCKET. TAKE OFF OF POWER CAN BE MADE AT BACK OF MOTOR OR CERAMIC SWITCH MAY BE REMOVED. ADJUSTMENTS FOR STOPS ARE MADE AT THE MOTOR AND THE CONTROL PANEL CAN BE LOCATED AT A REMOTE POSITION WHERE THE MOTOR STOP CAN BE SELECTED, PANEL ALSO HAS LIGHT DIMMER CONTROL AND LOCAL & REMOTE POSITION SWITCH. PART OF RDZ AUTOTUNE, COLLING#596A RDZ#23491 SIZE: 9x4x6, WT: 7 LBS. PRICE: NEW \$5.95



MD-34/ARA-8 MODULATOR KEYING UNIT AUTOMATIC HOMING KEYING ASSY. THAT OPERATES FROM 24 VDC MOTOR THAT IS CONNECTED TO A WORM GEAR WHICH ACTUATES THE CODED WHEEL THAT INTERRUPTS THE SIGNAL AND TRANSFERS FROM ONE ANTENNA TO ANOTHER. ALSO HAS RELAY AND THREE SO-239 TYPE COAX. CONN. CAN BE USED AS A REMOTE ANTENNA CHANGE-OVER. SIZE: 3x10x4 1/2; WT: 5 LBS.
PRICE: USED..... \$1.95



TELEPHONE RINGER

EE-101 TELEPHONE RINGING EQUIPMENT USED FOR CONVERTING 20 CYCLE RINGING TO 1000/20 CYCLE ALSO 1000 CYCLE TO 20 CYCLE FOR OPERATING TEL. DROPS ON 2 CHANNELS. OPERATES FROM 115/230 V. 60/60 CYCLE OR 12 VDC. WITH TUBES 6/6SJ7, 1/6V6GT. 19x9 RACK MGT. SHIPPED IN WOOD CHEST 100 LBS. PRICE USED \$14.95



TG-30 REPEATER, TELEGRAPH TERMINAL FOR TRANSMITTING OR RECEIVING ON A HALF DUPLEX ONE CHANNEL OPERATION. CAN BE USED TO INTERCONNECT NEUTRAL AND POLAR ENTRIAL OR TWO PATH POLAR TELEGRAPH OR TELETYPEWRITER SYSTEMS ON SIMPLEX OR COMPOSITED RETURN CIRCUITS. SPEED 60/66. OPERATES FROM 115/230 V. 50/60 CYC & 115 VDC SHIPPED IN WOOD CHEST 25x16x14; 175 LBS PRICE: USED \$12.95 RE-NEW \$16.95



TELEGRAPH REPEATER WE#61824A, TWO COMPLETE UNITS WITH RECTIFIERS THAT OPERATE FROM 115 V. 50-60 CYCLE. THE REPEATERS ARE DESIGNED TO OPERATE AT TELETYPE SPEEDS, OPEN WIRE COMPOSITED OR SIMPLEX CIRCUITS, 2 PATH POLAR OR OTHER FORMS OF TRANSMISSION. METERING, PATCHING JACKS, TESTING, MONITORING AND ADJUSTING CONTROLS ARE ALL AVAILABLE ON THE FRONT PANELS. THE UNIT IS HOUSED IN A METAL CABINET WITH A HINGED DOOR FRONT & BACK. SIZE: 22 1/2 x 17 x 4 1/2; WT: 200 LBS. RE-NEW PRICE: LESS PLUG-IN RELAYS RE-NEW \$19.95 WITH " " " RE-NEW \$34.95



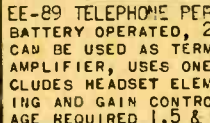
RECORDER-VISUAL

BC-1323A RECORDER-REPRODUCER AUDIO-VISUAL, USED TO RECORD ON STEEL TAPE 48" LONG 3 CHANNELS AUDIO FROM MICROPHONES, 64 OHM RECODING HEAD, TAPE SIZE .050 W.X.002 TH.6" PER. SEC. RECORDING SPEED. DISPLAY ON 2" 913 CR TUBE VIEWED THRU RUBBER EYE PIECE. OPERATES FROM 6 VDC 5.5 AMP. WITH 10/9001, 1/6AK6 & 1/913 CR TUBES. SIZE: 8x28x6; WT: 40 LBS. \$12.95



PORTABLE REPEATER

EE-89 TELEPHONE REPEATER; PORTABLE BATTERY OPERATED, 2 WAY LINE UNIT, CAN BE USED AS TERM. OR INTERMEDIATE AMPLIFIER, USES ONE 3Q5GT TUBE, INCLUDES HEADSET ELEMENT FOR MONITORING AND GAIN CONTROL, BATTERY VOLTAGE REQUIRED 1.5 & 90 VDC. IN WOOD CASE W/CARRING STRAP. SIZE: 6x9x8; WT: 12 LBS.



AMPLIFIER

CCI 50272 AUDIO BOOSTER AMPLIFIER. AUDIO OUTPUT APPROX. 3 WATTS WHEN USED WITH PRE-AMP OR TO BOOST POWER OF INTERCOM. OUTPUTS TO 6, 15, 60 OHMS. FOR 19 INCH RACK MOUNTING. TUBES: 5Y3, 6AG7. OPERATES FROM 110 VOLTS 50-60 CYC. SIZE: 11x5x19 WT. 30 LBS. USED \$12.95



NAVY INTERPHONE AMPLIFIER USED WITH TCS EQUIPMENT. PUSH-PULL 2/12A6 TUBES, CARBON MIC. INPUT 75-200 OHM ALSO 600 OHM. OUTPUT 125 OHM. VOLTAGE REQUIRED 12 VDC & 250 VDC 60 MA. HAS MOUNTING FOR DYNAMOTOR 35x032, 12 VOLT. (SEE CONVERSION INFORMATION LISTED BELOW.) SIZE: 7x10x7; WT: 15 LBS. PRICE: AMPLIFIER WITH TUBES \$2.95 " " " & DYN. 6.95



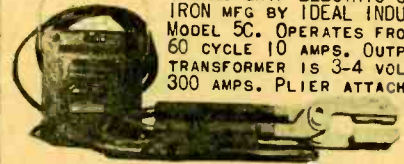
KIT FOR CONVERSION TO SPEAKER OUTPUT, APPROX 5 WATTS, INCLUDES OUTPUT TRANSFORMER, MIC & PHONE JACKS, SWITCH, CABLE AND PLUG FOR PLUGGING INTO LIGHTER AND INSTRUCTIONS. \$2.00

BALLATINE

BALLATINE ELECTRONIC VOLTMETER #300 FREQ. RANGE 10 TO 150,000 CYCLES. VOLTAGE RANGE ONE MILLIVOLT TO 100 VOLT A.C. INPUT IMPEDANCE 1/2 MEG. ACCURACY 2% TO 100 KC. 3% ABOVE. 4 1/2" METER, FIVE VOLTAGE RANGES. SIZE: 11x6x4 1/2; WT: 14 LB USED \$75.00



THERMO-GRIP ELECTRIC SOLDERING IRON MFG BY IDEAL INDUSTRIES, MODEL 5C. OPERATES FROM 115 VOL 60 CYCLE 10 AMPS. OUTPUT OF TR TRANSFORMER IS 3-4 VOLTS AC, 2-300 AMPS. PLIER ATTACHMENT IS



INTENDED TO BE USED FOR SOLDERING LUGS UP TO 150 AMPS OR COPPER PIPE UP TO 3/8". PLIER IS 12" LONG AND CABLES 52". WITH SUITABLE ATTACHMENTS TRANSFORMER CAN BE ALSO USED FOR HEAVY SPOT SOLDERING AND ETCHING. WT: 30 LBS. PRICE WITH CARRING CASE \$19.95

THERMO-GRIP MIDGET SIZE SOLDERING PLIERS IDEAL NO. 12-023. THESE PLIERS ARE ONLY 9" LONG AND HAVE A 54" CABLE WITH CONNECTORS AND IS INTENDED TO BE USED WITH A 300 WATT TRANSFORMER FOR LIGHTER WEIGHT WORK. WT: 2 LBS. PRICE: CABLE & PLIERS ONLY \$2.95



BC-1141 MINE DETECTOR AMPLIFIER AS USED IN SCR-625 MINE DETECTOR. HAS SENSITIVE AMPLIFIER & TONE SYSTEM THAT WAS USED TO DETECT METALS. OPERATES FROM 2 FLAB-LIGHT & 93 VOLT DRY CELLS. COMPLETE WITH TUBES 2/1N5GT & 1/1G6GT, LESS BATTERIES. SIZE: 14x6x5; WT: 10 LBS. PRICE: USED \$3.95



BC-611 TEST SET

IE-17 Test Equipment Used for TESTING & ALIGNMENT OF REC-TRANS, TESTING CRYSTALS AND MEASUREMENT OF VOLTAGE OF BATTERIES BA-37 & BA-38. CONSISTS OF THE FOLLOWING 1-135 TEST UNIT IN CASE WITH HINGED COVER & HANDLE CONTAINS MICROPHONE, EARPHONE, MULTI-RANGE 3" METER FOR CHECKING 0-3 & 0-150 VDC 0-1.5/15/60/600 MA DC & 0-60 VAC WITH MASTER SWITCH, RF & AUDIO OSCILLATOR CRYSTAL TEST & BATTERY COMPARTMENT ALSO CABLE HARNESS. CS-81 TEST CASE WHICH IS THE SAME SIZE AS THE BC-611 AND IS USED TO HOLD THE CHASSIS UNDER TEST, HAS PRESS TO TALK SWITCH AND ALIGNMENT OPENINGS. (NO MIC OR EARPHONE OPENINGS.) FT-252 TEST STAND FOR HOLDING CS-81 CASE & A-82 PHANTOM ANTENNA WHICH CONSIST OF A 3" 0-40 MA. RF METER, VARIABLE COND. & REC.-TRANS. SWITCH MOUNTED ON A BAKELITE PANEL. COMPLETE UNIT AS DESCRIBED ABOVE WITH INSTRUCTION MANUAL AND WOOD CHEST SIZE: 19 X16X9 ALL IN NEW CONDITION. SHPG. WT: 44 LBS



VISUAL FLASH LAMP

USED BY AIRCRAFT OR GROUND UNITS FOR IDENTIFICATION PURPOSES. DESIGNED TO DELIVER EXTREMELY BRIGHT FLASH OF LIGHT 1 FLASH PER 1/2 SEC. WHICH CAN BE SEEN BY AIR. IN BRIGHT SUNLIGHT FOR 3 MILES OR 1 MILE ON THE GROUND. AVAILABLE FOR 6, 12 OR 24 V. OPERATION. CONSISTS OF A HIGH VOLTAGE CONVERTER USING A VIBRATOR TYPE POWER SUPPLY, PENNSYLVANIA TUBE #1073. COMPLETE WITH 20 FT. CABLE SPARE PARTS & MANUAL. IDEAL FOR BOATS, PLANES, AUTOBOAT LANDINGS, COTTAGES, PHOTOGRAPHIC WORK ETC. (CAN BE OPERATED FROM 115 VOLT BY USING OUR D.C. POWER SUPPLIES LISTED ON PAGE 7) SIZE: 17x10x4 1/2; WT: 50 LBS. UNUSED \$29.50





**ART-13
TRANSMITTER**

100 WATT AIRCRAFT
AUTOTUNE TRANSMITTER

MAKES A VERY SATISFACTORY AMATEUR UNIT FOR 80
40, 20 AND 10 METERS. THE AUTOTUNE FEATURE PER-
MITS YOU TO PRESET THE FREQUENCY DESIRED ON
ON ANY 10 PRESELECTED CHANNELS. (FOR CONVER-
SION INSTRUCTIONS SEE MANUALS #2 & #3 \$3.00 EA.
TUBE LINEUP 1/837, 1/813, 2/1625, 1/125J7, 2/6V6,
2/811, 2/12SL7, 1/12SA7. VOLTAGE REQUIRED 28VDC
10AMP, 400VDC, 225MA & 1250VDC 250MA.
SIZE: 23x16x11 1/2 WT. 70LBS
PRICE: USED \$59.50

CONNECTOR PLUGS FOR TRANS. U-7 & U/8 \$2.50 EA.
DYNAMOTOR FOR ART-13 WITH FILTERS & RELAYS
28VDC INPUT. PRICE: USED \$12.95

CONNECTOR PLUGS FOR DYNAMOTOR
U-9 OR U-10 EACH \$2.50
CU-24/ART-13 ANTENNA SHUNT CAPACITOR
CONSISTS OF 3 CAPACITORS 25MFM 10KV
PRICE USED \$1.00

O-17/ART-13 LOW FREQUENCY
OSCILLATOR PLUGS INTO THE FRONT OF
THE TRANSMITTER AND COVERS THE
FREQ. RANGE OF 200 TO 600 KC IN
3 BANDS WITH VFO AND CRYSTAL
CONTROL ON THREE PRESELECTED
FREQ. COMPLETE WITH ONE 1625
TUBE. ALL OPERATING VOLTAGES ARE
OBTAINED FROM THE TRANS. POWER
SUPPLY. SIZE 5 1/2x5 1/2x9; WT 4LBS.
USED \$5.95



SA-22/ART-13 ANTENNA
SWITCHING UNIT CONTAINS
A BENDIX VACUUM RELAY
LM-26G, 24VDC, 2 POSITION
CERAMIC SWITCH & 4 LARGE
INSULATORS SAME AS USED
ON TRANSMITTER, ALSO SO-
239 COAX. CONNECTOR.
SIZE: 11x7x7 WT 10LBS

PRICE: NEW \$4.95

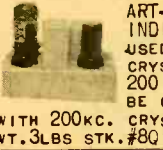


VARIOMETER COIL FOR ART-13 L-112,
ROTOR & STATOR COILS WITH GEARED
COUPLING. 4x5x3; 2LB. USED \$1.95

RELAY, OUTPUT CIRCUIT
SELECTING, 24 VDC #K105
6x2x3; 2 LB. USED \$2.95



ART-13 AUDIO SPEECH AMPLIFIER
CONTAINS TWO 6V6GT & ONE
12SJ7 TUBES, CAN BE USED FOR
CARBON OR DYNAMIC MIC.
SIZE: 7x4x3 1/2; WT: 4LBS, USED
STK#2C254 PRICE \$5.95



ART-13 CFI CALIBRATION FREQUENCY
INDICATOR & MCW OSCILLATOR ASSY.
USED TO PROVIDE A CONSTANT
CRYSTAL CONTROLLED STANDARD OF
200 KC. IN ORDER THAT FREQ. CAN
BE CHECKED ALSO 1000 CYCLE TONE.
WITH 200KC. CRYSTAL & 2 TUBES SIZE 6x5x3
WT. 3LBS STK. #8Q1 PRICE USED \$6.95



GUN SIGHT

K-14 GUN SIGHT, SIGHTING HEAD.
ILLUMINATED UNIT WITH TWO 2" 8X
POWER LENSES, 1/2" REFLECTING
MIRROR, WORM GEAR ADJUSTING
LIGHT SHUTTER, TWO AUTOSYN
MOTORS CONNECTED BY A SPRING
BELT AND TWO MIRRORS MOUNTED
ON SHAFTS.
SIZE: 9x5x5 1/2; WT: 10 LBS.
PRICE: USED \$4.95



SN-17/AP-9-10 SYNCHRONIZER, \$9.95
TRANSMITTER & RECEIVER ALSO SWEEP
AND CONTROL CIRCUITS FOR THE INDIC-
ATOR. GENERATES CONTROL FOR THE
PULSE RECURRENCE RATES OF 410 TO
820 CPS AND RANGE MARKS OF 0-4-25
MILES. SIZE 8x6x13; WT: 30 LBS.

TEST SET

TS-3A/AP RADAR FREQUENCY METER
2400 TO 3400 Mc USING A TUNEABLE
CAVITY ALSO HAS 3" METER FOR TEST-
ING POWER OUTPUT, 0-2 MA. MOVEMENT
0-20 SCALE. USED WITH SCR-717/720
RADAR SET. WITH CABLES, TEST LAMP, COMPUTER
RULE ETC. SIZE: 8 1/2x8 1/2x8 1/2; WT: 25 LBS.
PRICE: UNUSED \$9.95



**AIRPORT
MARKER BEACON
75MC
TRANSMITTER
RECEIVER**

CDE-52326 NAVY MODEL MARKER BEACON TRANS-
MITTER PORTABLE UNIT THAT OPERATES FROM 115
VOLTS 60CYC WHICH TRANSMITS A KEYED OR A
CONTINUOUSLY MODULATED SIGNAL VERTICALLY IN A
BALLON-SHAPED PATTERN ON 75MC. USED AT AIR-
PORT LANDING FIELDS RUNWAYS IN CONJUNCTION
WITH MARKER BEACON RECEIVERS THAT ARE INSTAL-
LED IN THE PLANE THUS ENABLING THE PILOT TO
KNOW WHEN HE IS OVER THE RUNWAY. (IN CONJUNCT-
ION WITH HIS OTHER INSTRUMENTS.) WATTAGE
OUTPUT (1) ONE WATT, MASTER OSCILLATOR &
MODULATED CW 400CPS, 1300CPS, 3000CPS
TUBE LINEUP 4/6V6, 2/6SN7, 1/6SR7, 1/65, 2/VR150,
30 & 1/5Y3. COMPLETE WITH TUBES & DIPOLE ANTEN-
NA & OPERATING MANUAL. SIZE: 17 1/2x10 1/2 WT 35LBS
PRICE UNUSED \$29.95



BC-1333 MARKER BEACON RECEIVER
75MC. USED TO RECEIVE SIGNALS FROM
ABOVE TRANSMITTER. WHEN SIGNAL IS
RECEIVED IT OPERATES A RELAY IN
THE RECEIVER WHICH IN TURN CAN BE
USED TO OPERATE SIGNALS, LIGHTS,
MOTORS, TURN ON EQUIPMENT ETC.
VOLTAGE REQUIRED 24VDC. COMPLETE
WITH TUBES 1/12SN7, 1/6SH7, 1/6SL7
SIZE: 3x5 1/2x5 1/2 WT. 3LBS. PRICE: USED \$2.95

C-1 CONTROL BALLISTICS BOX;
FOR BOMBING NAVIGATIONAL COMPU-
TER PT#654573; HAS 4 DIALS WITH
CONTROLS CONNECTED BY GEARS TO
AUTOSYN RESOLVERS SPERRY #6624-
28 SIZE 1 1/2x1 1/2 5 EA. #662426 1 1/2x
1 1/2 2 EA. #5663478 3x2 1/2 2 EACH.
ROTARY BAND SWITCH 4 DECK 10 POS.
SIZE 9x12x8; WT: 20 LBS. \$7.95



AMMUNITION FIRE CONTROL POWER
DISTRIBUTION PANEL 17IE608G1 &
519E147G1; TWO DIALS THREE GEAR
CONTROL, 2 THREE DIGIT COUNTERS
WITH MANUAL RESET AND HOLD 24 V
OPERATION, 7 SWITCHES, TERMINAL
STRIPS ETC.
SIZE: 11x11x5; WT: 15 LBS.
PRICE: USED \$4.95

OSCILLATOR

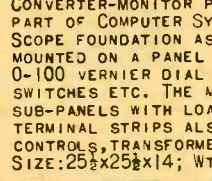


R.F. OSCILLATOR. PART OF
GKA-1 EQUIPMENT. CONTAINS
SEVERAL TYPES OF BAND
PASS FILTERS, VARIABLE
CONDENSER, TUBE SOCKETS
TEST JACKS, RESISTORS 1%,
CAPACITORS, 2/UG-88 BCN
COAX. CONNECTORS, PILOT
LIGHT, SWITCH, POTS ETC.
OSCILLATOR FREQ. APPROX.
24 KC.
SIZE: 12x12x4 1/2; WT: 13 LBS. USED \$1.95



CONVERTER-MONITOR PANEL ASSEMBLY CV-399/GPA23
PART OF COMPUTER SYSTEM. CONTAINS A GOOD 3"
SCOPE FOUNDATION ASSY. USING 3CP1A C.R TUBE
MOUNTED ON A PANEL 10" x 12". SCOPE PANEL HAS
0-100 VERNIER DIAL 1 1/2" PLUS CENT, FOCUS CONT.
SWITCHES ETC. THE MASTER PANEL HAS 10 SEPARATE
SUB-PANELS WITH LOADS OF CONDENSERS, RESISTORS
TERMINAL STRIPS ALSO AUTOSYN, CONNECTORS,
CONTROLS, TRANSFORMERS AND LOTS MORE.
SIZE: 25 1/2x25 1/2x14; WT: 5 1/2 LBS. USED \$9.95

**SCOPE
MONITOR
CONVERTER**



CONVERTER-MONITOR PANEL ASSEMBLY CV-399/GPA23
PART OF COMPUTER SYSTEM. CONTAINS A GOOD 3"
SCOPE FOUNDATION ASSY. USING 3CP1A C.R TUBE
MOUNTED ON A PANEL 10" x 12". SCOPE PANEL HAS
0-100 VERNIER DIAL 1 1/2" PLUS CENT, FOCUS CONT.
SWITCHES ETC. THE MASTER PANEL HAS 10 SEPARATE
SUB-PANELS WITH LOADS OF CONDENSERS, RESISTORS
TERMINAL STRIPS ALSO AUTOSYN, CONNECTORS,
CONTROLS, TRANSFORMERS AND LOTS MORE.
SIZE: 25 1/2x25 1/2x14; WT: 5 1/2 LBS. USED \$9.95



MILLIVOLTMETER

MILLIVAC D.C. MILLIVOLTMETER TYPE RM-17 MEAS-
URES FROM 1 MV TO 1000 V IN 13 STEPS ON 4 1/2"
SQUARE METER. RACK PANEL MOUNTING 19 1/2x7"
OPERATES FROM 115 VOLT 60 CYCLE. WT: 18 LBS.
PRICE: USED \$85.00



**GP-7
TRANSMITTER**

GP-7 NAVY AIRCRAFT TRANSMITTING, FREQUENCY
COVERAGE 800 KC. TO 9050 KC. BY THE USE OF
PLUG IN TUNING UNITS, AM, CW & MCW OF-
ATION, 30-50 WATTS VOICE & 85 TO 125 WATTS CW
DEPENDING ON THE FREQUENCY AND TYPE INSTAL-
LATION. COMPLETE WITH TUBES 2/1616, 1/803, 1/801
1/843 & 1/5Z3, ANTENNA LOAD COIL, PILOTS &
OPERATORS CONTROL BOX, COVER & MANUAL.
SET OPERATES FROM 115 VOLTS 800 CYCLE AND 12
OR 24 VOLTS D.C. AS IT HAS ITS OWN SELF CON-
TAINED A.C. POWER SUPPLY. THE 2 1/2" METERS ARE
USED FOR MEASURING PLATE, FILAMENT & OUTPUT
THE SET IS CONSTRUCTED OF ALUMINUM AND FIVE
TUNING UNITS HAVE CARRING CASES WITH SNAP-
SLIDE COVERS AND CARRING HANDLES.
TRANSMITTER SIZE: 23 1/2x11x13; WT: 50 LBS.
TOTAL WEIGHT OF ALL THE EQUIPMENT, PACKED 200
PRICE FOR COMPLETE SET AS DESCRIBED. \$29.50

GP-7 COMPONENTS INDIVIDUALLY PRICED

CAY 52173 TRANSMITTER - POWER SUPPLY	\$16.95	
PLUG-IN TUNING UNITS		
CAY R.F. UNIT	Kc BAND	
" 47151B "	800-1500 "	3.95
" 47155C "	1500-3000 "	4.95
" 47152D "	3000-4525 "	4.95
FOLLOWING TUNING UNITS HAVE ROTARY INDUCTORS		
" 47153E "	4525-6500 "	7.95
" 47154F "	6200-9050 "	7.95
" EMPTY CASES FOR THE ABOVE TUNING UNITS WITH SNAP COVER AND HANDLE		
" 47125 ANTENNA LOAD COIL		1.95
" 23219 PILOTS CONTROL BOX		1.95
" 23220 OPERATORS "		2.95
" INSTRUCTION BOOK		7.50

W.U. INTRAFAX



TRANSMITTER SCANS THE DATA THAT IS FED INTO
THE MACHINE WITH A LIGHT SOURCE AND PHOTO
ELECTRIC CELL WHICH IS AMPLIFIED AND SENT
BY WIRE TO THE RECORDER WHICH THEN REPRODUCES
THE DATA ON SENSITIZED PAPER 1 1/2" WIDE.
THE TRANSMITTER USES TUBES 1/1X2, 1/6C4, 1/
6AQ5, 1/931A (PHOTOELECTRIC), LIGHT SOURCE, SYN-
CHRONIZING MOTORS, GEARS ETC.
THE RECORDER DOES NOT HAVE ANY TUBES BUT HAS
THE SCANNING MECHANISM, MOTORS, RELAYS ETC.
EQUIPMENT OPERATES FROM 115 VOLT 60 CYCLE
BUT DOES NOT HAVE THE POWER SUPPLY REQUIRED
THE TUBES, PHOTO-ELECTRIC, LIGHT SOURCE
AND SCANNING CIRCUITS.
TRANSMITTER SIZE 18x18x7; WT: 40 LBS. #7762A
RECORDER SIZE 18x12x7; WT: 33 " #7771A
PRICES: BOTH UNITS FOR \$39.95 NEW

GIBSON GIRL TRANS.

EC-778 TRANSMITTER, EMERGENCY
TYPE FOR USE ON THE DISTRESS
FREQUENCY OF 500 KC. UNIT IS
POWERED BY A HAND CRANK GENERATOR
THAT SENDS AUTOMATICLY S.O.S sig-
NAL, CAN ALSO BE KEYED MANUALY,
WITH 1000 CYCLE TONE MODULATION.
WITH 2/12A6 TUBES AND ANTENNA
WIRE REEL. (NO KITES, BALLOONS OR
PARACHUTES AVAILABLE. SIZE 10x10x8; WT: 20 LBS.
PRICE: TRANSMITTER ONLY USED \$29.95



T-74/CRT-3 TRANSMITTER, SAME AS ABOVE ONLY
HAS DUAL CHANNEL 500 KC AND 8364 KC. MANUAL
KEYING ON 500 KC. ONLY. USED \$75.00

MICROSCOPE

PROJECTOR

MICROSCOPE-PROJECTOR, 75X COMPARATOR MFG.
BY PHILCO #E726B. PROJECTS FROM 3/16 TO 6x6
SCREEN. OPERATES FROM 115 VOLT 60 CYCLE.
SIZE 20 x 16 x 10; WT: 35 LBS.
PRICE: USED \$75.00

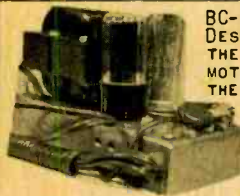


POWER SUPPLIES

RECEIVER POWER SUPPLY & SPEAKER FOR THE FOLLOWING SETS
 R-23/ARC-5 BC-453 BC-342
 R-24/ARC-5 BC-454 BC-344
 R-25/ARC-5 BC-455 BC-348
 R-26/ARC-5 BC-946 BC-429
 R-27/ARC-5 RAX

COMPLETE WITH 6" DYNAMIC SPEAKER HOUSED IN A METAL CABINET WITH CONNECTING CABLE, PLUG, PHONE JACK, VOLUME CONTROL, BFO SWITCH ETC. IF REQUIRED. CAN ALSO BE USED FOR OTHER SETS. OUTPUT 200/250 VDC @ 90/60 MA. & 24 VAC @ 2A. INPUT 115 VOLT 60 CYCLE. SPECIFY FOR WHAT SET. SIZE: 10x10x6; WT: 15 LBS. NO. P.S.(SET NUMB.) PRICE; KIT OF PARTS \$15.00 WIRED \$18.95

BC-652 RECEIVER POWER SUPPLY WITH SPEAKER SAME AS ABOVE; KIT \$20.00; WIRED \$23.95



BC-603/BC-683 RECEIVER P.S. DESIGNED TO BE PLUG IN-TO THE SAME PLACE AS THE DYNAMOTOR WITH NO CONVERSION TO THE SET THAT WILL EFFECT THE OPERATION FROM THE DYNAMOTOR. ONLY WORK REQUIRED IS ADD ON/OFF SWITCH IN PLACE OF SPAR FUSE HOLDER. TRANSFORMER TYPE USING 5Y3GT TUB

OUTPUT 220 VDC 80 MA. & 24 VDC 2 A. WT: 5 LBS. NO. P.S.603/683 KIT \$10.00 WIRED \$14.95

BC-923 RECEIVER POWER SUPPLY

OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 275 VOLTS DC, 150 MA. & 12.6 VOLTS AC. 4 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5U4G TUBE, CHASSIS, WIRING DIAGRAM, LINE CORD ETC. SIZE: 5 1/2 x 6 1/2 x 9 1/2; WT: 15 LBS. PRICES: KIT OF PARTS...\$16.00 #PS-923 WIRED... 20.95



R-77/ARC-3 RECEIVER POWER SUPPLY

OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 210 VOLTS DC @ 125 MA. & 24 VOLTS AC @ 2 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5Y3GT TUBE, CHASSIS, LINE CORD ETC. #PS-R77/ARC-3 SIZE: 5 1/2 x 6 1/2 x 9 1/2; WT: 14 LBS. (LAYOUT SAME AS 923) PRICES; KIT OF PARTS...\$15.00 WIRED \$19.95

POWER SUPPLY No. 7630019. OPERATES FROM 115 VOLT 60 CYCLE DUAL HIGH VOLTAGE OUTPUT 400 DC 200 MA & 400 DC 200 MA. ALSO 6.3 VAC 2.75 A. & 6.3 VAC 5.5 A WITH 2/5R4GY TUBES. SIZE: 10x7x15; WT: PRICE: \$19.95



CABLE WITH 18 CONTACT PLUG TO FIT P.S \$2.00

POWER SUPPLY No. 7630020VR VOLTAGE REGULATED, OPERATES FROM 115 VOLT 60 CYCLE. OUTPUT 200-250 DC @ 150-250 MA. ALSO 6.3 VAC 2.75A & 6.3 VAC 5.5 TUBES 2/6AS7G, 1/VR-105, 1/6AK7 & 1/5R4G. WT: 30 LBS. SIZE: 11 1/2 x 10 1/2 x 6 \$18.95

CABLE WITH 18 CONTACT PLUG TO FIT POWER SUPPLY PLUG, 4 FOOT \$2.00

POWER SUPPLY 763003 (MODIFIED) OUTPUT 375 VDC @ 225 MA & 6.3 VAC @ 2.75 A, 6.3 VAC @ 5.5 A. INPUT 115 VOLT 60 CYCLE. WITH 2/5R4GY TUBES. SIZE: 9 x 13 x 7; WT: 35 LBS. PRICE: \$14.95

CONNECTOR 18 CONTACT \$2.00

PP-662/GPN POWER SUPPLY, VOLTAGE REGULATED, 300 VDC 10 TO 90 MA. PLUS POTENTIAL, 210 VDC MINUS. WITH TUBES 4/5651, 2/6AH6, 1/12AT7, 2/6AS7, 1/5Y3 & 1/5R4. OUTPUT PIN JACKS WITH ADJUST METERING SWITCH, FUSED OUTPUT & INDICATOR LIGHTS. SIZE: 10x8x20; WT: 35 LBS. NO. COVER OR PLUG IN RELAY. PRICE: USED \$14.95



DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE CORD, PILOT LIGHT, LINE FUSE ETC. INDICATED RATINGS ARE FOR LOAD CONDITIONS.

DUAL OUTPUT 12/14 OR 24/28 VDC @ 6 AMPS. SIZE 7x6x13; WT: 17 STK#PS-12/24VDC6A KIT OF PARTS...\$20.00 WIRED COMPLETE... 24.95



OUTPUT 12/14 VOLTS DC @ 6 AMPS. SIZE: 5 1/2 x 9 1/2 x 5; WT: 20 LBS. STK#PS-12VDC6A KIT OF PARTS...\$14.00 WIRED COMPLETE... 18.95



OUTPUT 24/28 VOLTS DC @ 4 AMPS. SIZE: 5 1/2 x 9 1/2 x 5; WT: 12 LBS. STK#PS-24VDC4A COMPLETE WIRED...\$17.95 KIT OF PARTS... 13.00

OUTPUT 12/14 VOLTS DC @ 4 AMPS. SIZE: 5 1/2 x 9 1/2 x 5; WT: STK#PS-12VDC4A COMPLETE WIRED...\$14.95 KIT OF PARTS... 10.00

OUTPUT 24/28 VOLTS DC @ 1 1/2 A. SIZE: 7x6x5; WT: 6 LBS. #PS-24VDC1.5A WIRED...\$10.95 KIT OF PARTS \$8.00

OUTPUT 12/14 VOLTS DC @ 2 AMP SIZE: 7x6x5 WT: 7 LBS. #PS-12VDC2A WIRED...\$9.95 KIT OF PARTS... 7.00



MOBILE SUPPLY

AVA-126 VIBRATOR POWER SUPPLY; OUTPUT 300 VDC 100 MA. OPERATES FROM 6, 12 OR 24 VOLTS D.C WHEN THE PROPER VIBRATOR IS USED, OCTAL BASE. SUPPLIED WITH 6 VOLT VIBRATOR (USED WITH AVT-112 AIRCRAFT TRANS) ILLUSTR. COVER REMOVED. UNUSED SIZE: 7 1/2 x 7 1/2 x 7 1/2; WT: 12 LBS. \$4.95



RA-42 POWER SUPPLY RACK MOUNTING 19", 115/230 V 60 CYC OPERATION. OUTPUT 200-250 VDC 100 MA HOUSED IN CABINET 7x8x6 WT. 30 LBS.

RA-42 B RENEW \$11.95

POWER CONVERTER

TRANSISTORIZED POWER CONVERTER 12 VOLTS D.C. TO 117 VOLTS A.C. POWERFUL 125 WATTS CONTINUOUS OUTPUT WITH POWER TO SPARE FOR EXTRA YEARS OF SERVICE. PLUGS INTO CIGAR LIGHTER OF AUTO OUTLET AND WILL OPERATE LIGHTS, SHAVERS, RADIOS PHONOS OR MOST ANY EQUIPMENT DRAWING 10 TO 125 WATTS. SIZE 5x5x4; WT: 4 1/2 LBS. PRICE: \$29.95 (NEWLY MANUFACTURED)



VIBRATOR PACK

PP-68 VIBRATOR PACK CONVERTS 6 OR 12 VOLTS DC TO 115V 15 WATT OR 50 WATT TO RUN SMALL APPLIANCES. IDEAL FOR USE ON CAMPING TRIPS. INPUT: 6 OR 12 VDC OUTPUT: 115 V 60CYC 15 OR 50 WATTS. SIZE: 9x8x7 1/2 WT. 22 LBS. USED \$9.95



RA-94 POWER SUPPLY USED WITH BC-779 SUPER-PRO OR BC-794 REC. 115/230 VOLT 60 CYCLE INPUT, 19" RACK PANLE MTC. 10 1/2" H x 11" D. P.S OUTPUT 270 VDC & 140 VDC 150 MA. ALSO 6.3 FOR FILAMENTS. W/ 5Z3 & 80 TUBE. SHPG. 100 LBS. USED \$19.95 USED CHECKED \$22.95



PP-115/TRC-8 POWER SUPPLY OUTPUT 550 VDC 350 MA & 6.3 VAC CT. 6 AMPS. WITH 2/5U4G, 115/230 V 60 CYCLE SIZE: 12x8x14; WT: 50 LBS. ILLUSTRATION SHOWS 115 V APPROX. 100 CFM BLOWER. WITH BLOWER...\$19.95 LESS " ... 16.95

PP 141/TRC-5 (XC-3) RECTIFIER POWER UNIT FULL WAVE RECTIFIED TO PRODUCE 500 VDC @ 75 MA: 500 VDC @ 75 MA: 2/ 6.3 VAC @ 2 AMP ALSO OUTPUT OF 115 VAC. LINE VOLTAGE METER ON FRONT PANEL, 0-150 VAC. UNIT CONTAIN BLOWER WITH 1/8 HP MOTOR WHICH OPERATES ON 115 VOLTS 60 CYC. UNIT USES 5U4 RECTIFIERS. UNIT OPERATES ON 115 VOLTS 60 CYC. SIZE: 8x18 1/2 x 14 WT. 61 LBS. \$14.95



KEPCO KR6M REGULATED DC POWER SUPPLY, DC OUTPUT 195 TO 325 VOLTS, 600 MA, REGULATION .1% AC FILAMENT OUTPUTS, INPUT 105 TO 125 VOLTS 60 CYCLE. SIZE: 10 1/2 x 19 x 13 FOR RACK MTC. SHPG. WT: 100 PRICE: USFD \$60.00

TS-1470/UP STRIPPED WITH 2 1/2" MILLIWATT METER, FUSE HOLDERS, SWITCHES, POTENTIOMETERS, AND POWER SUPPLY 300V 36MA, 6.3V 1.25A, 5.0V 2A, 6.3V 1.7A. COMPLETE WITH TUBES: 5R4, 6Y6, 6SH7, 2K25, 2/0B2, 2/6SL7. SIZE: 18x12x11; WT: 35 LBS. USED WITH CASE AND METER... \$14.95 USED WITH CASE NO METER... \$11.95



TRANSISTOR POWER SUPPLIES

ACOPIAN TRANSISTOR POWER SUPPLY. INPUT: 125 VOLTS 60 CYC; OUTPUT: 0-100 VDC @ 0-100 MA TUBES: 2/6L6; 12AX7; 6AU6; 5U4; OA2; OB2; OG3 FOR RACK MOUNTING. SIZE: 3 1/2 x 7 1/2 x 19 USED \$29.95



ELECTRONIC MEASUREMENTS TRANSISTOR POWER SUPPLY MODEL 212A. INPUT: 125V 60 CYC; OUTPUT: 0-100 VDC @ 0-100 MA. TUBES: 2/6L6; 5U4 OB2; OA2; OG3; 12AX7; 6AU6. FOR RACK MOUNTING. SIZE: 19X9 1/2 X 3 1/2. WT. 10 LB. USED \$29.95

RA-43-B RECTIFIER TUBE TYPE OUTPUT 115V 525W DC; INPUT 95-125V, 50-60CYC AC. PROVIDES POWER FOR 1 TO 3 SWITCHBOARDS. REQUIRES 2/6F6 INCL AND TWO C6J, NOT INCL. WT. 165 LBS. SIZE: 22x17 1/2 x 10 PRICE: \$24.95 USED



12 VOLT TO 6 VOLT CONVERTER; INPUT AMP. APPROX. 20 OUTPUT ON REC. 6 VDC 10 AMP. TRANSMITT 35 AMP. SIZE: 9 1/2 x 7 1/2 x 7; 25LB TA-142 \$14.95

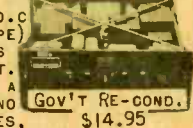


SCOPE POWER SUPPLY 110 VOLT 380-420 CYCLE INPUT, OUTPUT APPROX. 1800 VOLTS 1.5 MA. WITH TRANSFORMER 2/ CONDENSER .1 4000 VDC, 1/122 TUBE, TERMINAL STRIP RESISTORS ETC. SIZE: 6x7x5; WT: 5 LBS. GE ASSY#7608055 \$2.95

PP-11/AP3-10 POWER SUPPLY AS USED IN THE APS-10 RADAR SET. OPERATES FROM 115 VOLTS 400 CYC & 24 VDC FOR FILAMENTS, SUPPLIES 4000 VDC 105 VDC & 300 VDC. WITH TUBES 6X5 VR-105, 5R4, 6Y6, 6SH7, 2X2. SHOCK-MOUNTED CHASSIS, SIZE: 9x11x13; WT: 21 LBS PRICE: USED \$4.95 NEW \$6.95

MULTI OUTPUT SUPPLY

RA-105 POWER SUPPLY; INPUT 115 VOLT 60 CYCLE, OUTPUT D.C VOLTAGES 2400 VDC (FOR SCOPE) 544, 415, 295, MINUS VOLTAGES 1480, 290, 110, FILAMENT VOLT. 6.45 @ 12 AMP. AND 6.45 @ 10 A WITH TUBES 3/5U4G, 3/2X2 AND 1/6X5GT ALSO HAS FUSED LINES, CIRCUIT BREAKERS AND LIGHT INDICATORS. SIZE: RACK MTC. 24"x24x10; WT: SHPG. 200 LBS. GOV'T RE-COND. \$14.95




Control Boxes Filters Indicators Tuning Units Amplifiers




C-847/U CONTROL BOX FOR AN/VRC-19. CONTROL BOX CONTAINS 2 PILOT LIGHTS, MOMENTARY SPEAKER CONTROL, SQUELCH CONTROL, AND EXPULSION PROOF SPEAKER. WHOLE UNIT IS WEATHER PROOF. SCHEMATIC INCL. 9x5 1/2x3 1/2 WT. 6 LB USED \$8.95
U-77 CONNECTOR PLUG FOR HANDSET. USED \$1.00

VACUUM CAPACITOR



VACUUM CAPACITOR 3 MMFD 15 KVDC, PLUS OR MINUS 10% W/CONNECTORS. SIZE 5/8x4 JENNINGS TYPE Y-3 N. \$1.95




TELECORD REMOTE CONTROL 3 NEON IND. 2 SPST PUSH SW W/251 7 COND. CORD. 3x2x5 1/2; 5 LB. NEW \$4.95

C-87/ART-13 CONTROL BOX, WITH 11 CHANNEL SWITCH, OFF, VOICE, C-W-MCW, IND. LIGHT, MIC JACK & CODE KEY. \$2.95

C-626/ARC-27 CONTROL BOX. AUTOMATIC CHANNEL SELECTOR PRESET MECH. W/ 24 V. DC MOTOR, RELAYS, GEARS ETC. SIZE 6 1/2x6x5; WT: 13 LBS. PRICE, USED \$4.95



BC-1303 CONTROL UNIT USED IN IE-36 TEST SET FOR SCR-522. HAS ALL FACILITIES FOR OPERATION, OFF-A-B-C-D CHANNEL SWITCH, MIC, PHONE & ANT. JACKS, TRANS, REC & REMOTE SW. & PL-170 RECEPTACLE. \$3.95



VERNIER DIAL 6" 0-100 SCALE ADJUSTABLE STOPS 5 POS. USED IN TAJ TRANS. 4 LB. \$2.75




**BC-1366 BC-335 C-4/ARN-7 RADIO COMPASS CONTROL BOX USED W/R-5, 5A ARN-7, THREE BANDS 200-1750 2" TUNING METER & GRAIN OF WHEAT LAMPS. TAKES MC-124 CONTROL SHAFT. USED \$3.95
FT-224 MOUNTING FOR C-4 BOX WITH TERMINAL STRIP & PLUG USED \$1.50**

BC-1366 CONTROL BOX CONSISTS OF 5 POSITION ROTARY SWITCH, VOLUME CONTROL & MICROPHONE & PHONE JACKS PRICE: \$1.00

BC-335 CONTROL BOX WITH MICROPHONE & PHONE JACKS VOLUME CONTROL. 3x3x1 1/2 2 LBS. \$1.55

Beam Filter



NAVY TYPE RANGE BEAM FILTER 1020 CYCLE ACCEPTANCE OR REJECTION. PRICE: WITH PL-55 \$1.95 NO PL-55 1.50

TL-150 TUNING WAND FOR BC-659, BC-620 \$.75




SIDE BAND Loading Coil C-114 - \$1.50




PHONE PATCH TRANSFORMER C-161 - \$1.50

ID-304/APA-70 COURSE INDICATOR WITH 2 CROSS-POINT MICROAMP-METER MOVEMENTS 50-0-50 & -25-0-75, ON/OFF SWITCH. WESTON #888, SIMILAR TO 1-101C F/GLIDE RECEIV 3 1/2x3 1/2x4; 3 LBS. NEW \$4.95 CONNECTOR TO FIT... 1.50



KLAXON HORN USED ON AIRCRAFT LANDING GEAR SIGNAL. OPERATES 24 VDC, CAN BE ADJUSTED FOR 12 VDC ALSO FOR SOUND, GIVES OUT RASP. NOISE 5x5x3; 4 LBS. UNUSED \$1.50



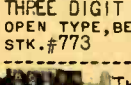
FLASHER POSITION LIGHT, PERIODIC AIRCRAFT TYPE C-2, CONTAINS 2 FLASHER G-107 BALLAST TUBE, 24 VDC RELAY OPDT, COND, RES SIZE: 4x4x4; WT: 2 LBS. USED PRICE: \$1.00 EA. 2/\$1.50




THREE DIGIT COUNTER AS USED IN BC-461 REEL BOX HAS RESET & #6ZK3414 SPLINE SHAFT EXTENSION. 2x1 1/2x1 1/2. \$1.00



THREE DIGIT COUNTER OPEN TYPE, BEVEL GEAR STK. #773 \$.50



THREE DIGIT COUNTER, GEAR ON END OF 1 IN. SHAFT. 3x1 1/2x1 1/2; 1 LB. #RIX-D \$1.00




C-60/AP CONTROL BOX. METER 2 1/2" 0-150 VOLT 400 CYCLE, TWO MICRO SWITCHES AND ADJ CONTROL. SIZE 6 1/2x6 1/2x3; WT: 3 LBS. USED \$1.95




**C-30/ARC-5 BC-451 BC-136/2 C-30/ARC-5 CONTROL BOX WITH 7 push button switches marked A, B, C, D, OFF, 1&2. Also tone, CW & voice switch & connectors. Price.... \$1.00
BC-451 CONTROL BOX with switches tone-CW-voice, on-off, 1/2/3/4 also code key, mic & phone jacks.**

BC-136-2 Control unit with mic & phone jacks, volume control & two binding post. \$.35 each Four for \$1.00


1-101 CROSS POINT INDICATOR FOR COMBINED USE FROM LOCALIZER REC. & GLIDE PATH REC. PART OF I.RN-5 & RC-103. SIZE 3 1/2x3 1/2x3 WT: 3LBS. USED \$1.95



CAMERA LIGHT FILTER GRAY COLOR 50% TRANS. SCREW IN MOUNTING. 2-23/32 69MM DIA. WRATTEN DENSITY .30 FOR WOLLENSAK TYPE V254 MM F4.5 35 MM P/O PH330G CAMERA 8A1101-50.4 \$1.95




RADIO CONTROL BOX BC-450-A 6 ROTARY 3 POSITION 2 COMB ACT SWITCHES, CENTER OFF. 3 POTENTIOMETERS; 4 PHONE JACKS, 3 EIGHT PRONG PLUGS TUNING DIALS FOR THREE RECEIVERS. 9 1/2x3 1/2x6 \$2.50



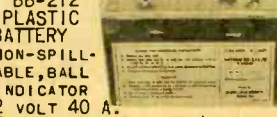
DICTOGRAPH SWITCH BOX LEVER SWITCH 3 POSITION OFF-LISTEN-TALK, 2 INDICATOR LIGHTS, 6 POSITION WAFFER SWITCH, 5 FT. 14 COND. CABLE, WOOD CASE WALNUT FINISH. 2x4 1/2x3 3 LBS. #DICT. 95083 \$3.95



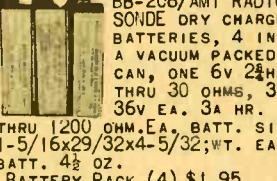
4 DIGIT COUNTER 24 VDC. RELAY OPERATED, 0000-9999 7/8x1 1/8 x5 #0508 \$2.95



BB-212 PLASTIC BATTERY NON-SPILLABLE, BALL INDICATOR 2 VOLT 40 A. 7x4x2 1/2; WT: 7 LBS. \$1.95



BB-208/AMT RADIO-SONDE DRY CHARGE BATTERIES, 4 IN A VACUUM PACKED CAN, ONE 6V 2 1/2 HR THRU 30 OHMS, 3 36V EA. 3A HR. THRU 1200 OHM. EA. BATT. SIZE 1-5/16x29/32x4-5/32; WT. EA. BATT. 4 1/2 OZ. BATTERY PACK (4) \$1.95



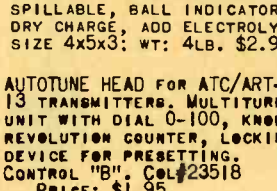
N-7-6 PLASTIC STORAGE BATTERY DRY CHARGE, 6 VOLT 4 AMP, 3 1/2x 2 1/2x2; 1 1/2 LB \$3.95




2 VOLT 28 AMP. HOUR NON-SPILLABLE, BALL INDICATOR DRY CHARGE, ADD ELECTROLYTE SIZE 4x5x3; WT: 4LB. \$2.95



AUTOTUNE HEAD FOR ATC/ART-13 TRANSMITTERS. MULTITURN UNIT WITH DIAL 0-100, KNOB, REVOLUTION COUNTER, LOCKING DEVICE FOR PRESETTING. CONTROL "B". COL#23518 PRICE: \$1.95



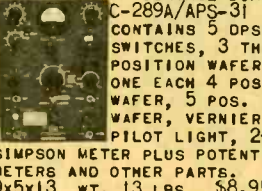
INDICATOR AZIMUTH SIGHTING ANGLE TYPE C-1A OPERATES 26 VOLT 400 CYC. TWO 3" INDICATORS #SYA3710 5 1/2x3 1/2x3; WT: 4 LBS. \$2.95



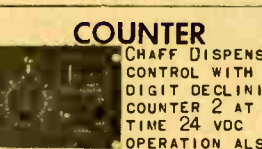
INDICATOR AMP. AM-5/APS-4 6 POTENTIOMETERS 2/6V6; 6SL7; 6J6 AND MANY OTHER USEFUL PARTS 4x5x7 1/2 WT. 5LBS. PRICE: \$7.95



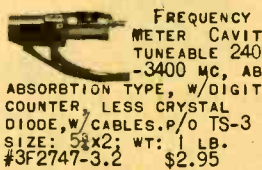
CONTROL BOX C-289A/APS-31 CONTAINS 5 DPST SWITCHES, 3 THREE POSITION WAFFER, ONE EACH 4 POS. WAFFER, 5 POS. WAFFER, VERNIER PILOT LIGHT, 2 1/2" SIMPSON METER PLUS POTENTIO METERS AND OTHER PARTS. 9x5x13 WT. 13 LBS. \$8.95




COUNTER CHAFF DISPENSER CONTROL WITH 5 DIGIT DECLINING COUNTER 2 AT A TIME 24 VDC OPERATION ALSO 12 POSITION WAFFER SWITCH. LESS DIAL LIGHT ASSY & SW. 6x4 1/2x3; 2 LBS. \$1.50




FREQUENCY METER CAVITY TUNEABLE 2400 -3400 MC, AB ABSORPTION TYPE, W/DIGIT COUNTER, LESS CRYSTAL DIODE, W/CABLES. P/O TS-3 SIZE: 5 1/2x2; WT: 1 LB. #3F2747-3.2 \$2.95



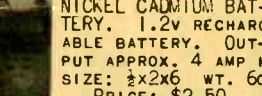
COUNTER 24 VDC USED TO COUNT AMMUNITION RE-SERVE EACH PULSE SUBTRACTS 2 UNITS FROM COUNTER. MAX. COUNT 1000 2 1/2x1 1/2x2. \$1.00



BA-259 DRY BATTERY PACK WATER ACTIVATED, USED W/RADIO-SONDE AMT-4, WAXED CARDBOARD BX VOLTS 1 1/2, 6 & 115 2 1/2x4x4 1/2; 1 1/2 LB. \$1.00




NICKEL CADMIUM BATTERY. 1.2V RECHARGEABLE BATTERY. OUTPUT APPROX. 4 AMP HR SIZE: 2 1/2x2 1/2 WT. 6OZ PRICE: \$2.50



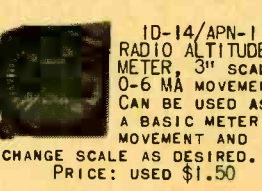
RIGHT & LEFT ANGLE DRIVE SHAFT 3/16" SIDE 1/2 MALE & 1/2 FEMALE. 2 1/2x2 1/2x1 1/2 \$1.50



VERNIER DIAL 2 1/2" 100 TO 0 SCALE. TAKES 1/2" SHAFT. PRICE: \$1.50



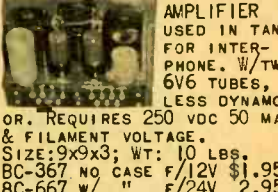
ID-14/APN-1 RADIO ALTITUDE METER, 3" SCALE 0-6 MA MOVEMENT. CAN BE USED AS A BASIC METER MOVEMENT AND CHANGE SCALE AS DESIRED. PRICE: USED \$1.50




BC-347 AIRCRAFT INTERPHONE AMPLIFIER


Used in small planes for speaking. Has two oncure transformers Carbon microphone input & standard headset output. Requires 12 Or 24 volt & 250VDC. Uses 6P8G tube. Size 3x2x5 WT 3lbs. With tube \$1.95 Less tube \$1.25
BC-216 MICROPHONE AMPLIFIER

Aircraft type amplifier use tubes 1/39/44 & 1/6P7. Two carbon microphone inputs. Voltage required 12 volts & 150VDC 40 Ma. Size 8 1/2 x 6 1/2 x 2. WT. 3 lbs With tubes \$1.95 Less tubes \$1.



AMPLIFIER USED IN TANK FOR INTERPHONE. W/TWO 6V6 TUBES, LESS DYNAMOT OR. REQUIRES 250 VDC 50 MA. & FILAMENT VOLTAGE. SIZE: 9x9x3; WT: 10 LBS. BC-367 NO CASE F/12V \$1.95 BC-667 W/ " F/24V 2.95

BATTERY CHARGER FOR BB-51 & BB-52 BATTERIES. TRICKLE CH OPERATES FROM 6 OR 12 VOLT STORAGE BATTERY. HAS 2-3" METERS 0-100 DC VOLTS AND 0-30 & 0-300 DC MILLIAMPS SCALES. SIZE: 12x8 1/2x7; WT: 20 LBS. PRICE: \$14.95



100 POWER INSPECTION MICROSCOPE MANUFACTURED BY JONES & LAMSON MACHINE CO. 9 1/2x2 WT. 5LBS. \$14.95



A-61 PHANTOM ANTENNA

MAGNESIUM INDICATOR 3", 26 VOLTS 400 CYCLE OPERATION; 200-0-200 SCALE ILLUMINATED USED WITH APA-44 EQUIPMENT FOR INDICATION OF WIND IN KNOTS. N-S-E-W. SIZE: 3x3x3, WT 3/4 LB USED BENDIX #20004-64J-A1 \$1.00

PHANTOM ANTENNA

A-61 PHANTOM ANTENNA, USED WITH COMMAND TRANSMITTER AS A DUMMY LOAD, POWER RATING 50 WATTS, RES. 5 OHMS, 100MMF 5KV VAC. COND. 0-4 RF METER 7x5 1/2x2 1/2; WT: 4LBS. USED \$4.95

TS-279 DUMMY ANTENNA LOAD



Three inch pyrex feed thru insulator, 1000 ohm 100 watt resistor with two test lead & clips. Cabinet size 13 x 6 x 4". Can be used for a chassis. Stock # TS-279 Price \$1.95

MINIMUM ORDER \$3.00

EIGHTY VOLT TWO SPEED PHONO MOTOR ON MOUNTING PLATE 3x3x2 1/2 WT 3 LB. \$1.00



RT-58/ARC-12 CHANNEL SELECTOR ASSEMBLY. CONSISTS OF AUTOTUNE ASSY. 10 POSITION MOTOR DRIVEN 26.5 VDC. CHANNEL SELECTOR AND STOP INDICATOR, EXTERNAL SHAFTS TURN 60 RPM. ALSO RELAYS, CONN. ETC. SIZE: 4 1/2x6x3 1/2. WT: 5 LBS. USED \$2.95

TIMER MOTOR SWITCHING ASSEMBLY 4 R.P.M. S.P.D.T. MICROSWITCH VARIABLE TIMING CAMS FOR ACTUATING SWITCHES. #H9200. SIZE: 3x2 1/2x5 WT. 2 LBS. 1 SW. 6V. \$1.95 2 SW. 28V. \$2.50 115 V 60 CYC. SET UP TO 1 RPM, 2 SW. 10 A. 115/230 VOLT INDUSTRIAL J-993 \$9.95

115v TIMER MOTOR SWITCHING ASSEMBLY 2 R.P.M. S.P.D.T. MICROSWITCH AND HEAVY DUTY CONTACTS. MAX. CLOSED TIME 15 SEC. OPEN 15 SEC. WT. 4 LBS. SIZE: 7x6x3 1/2 PRICE: \$4.95

PL-58 AND JK-37 THREE PRONG PLUG AND JACK. PLUG IS KEYS TO PREVENT INSERTING PLUG BACKWARDS. 2x3x1 1/2 EACH \$.59 PAIR 1.00

HEATING ELEMENT 115 VOLT 500 WATT SINGLE SECTION STRIP 23 1/2 LG. X 1 1/2" WIDE X 7/16" METAL SHEATH & MTG. HOLES. 2LBS 2Z5015-24 \$1.50 EA.

CHROMALOK HEATING ELEMENT 115 VOLT 50 WATT STANDARD SCREW BASE, 4 1/2x1 1/2, 1 LB. #CHR-SCB \$.75

HEATING CABLE LEAD HEATING CABLE LEAD COVERED 25 OHM 60 FT. #PARANT-48 13L 60 FT. LTH. \$5.95

VERNIER DIAL 6" 2 SCALES W/LOCK NO TUNING TAB \$3.50 5 LBS.

TELEPHONE TYPE RELAY STRIP STRIP CONSISTS OF 20 RELAYS 10 EACH; DPST 24 VDC. AND MAKE 3, BREAK 1, 24 VDC. 3x6x26 WT. 22 LB. \$5.95

RELAY STRIP CONSISTING OF 20, 12 VOLT RELAYS AND ONE 41 CONTACT INTERLOCKING PLUG. EACH RELAY BREAK 5, MAKE 6. EACH RELAY SIZE: 1 1/2x2x1 1/2. WT. 10 LBS. \$5.95

T-39 MICROPHONE AND CHEST UNIT THAT WAS USED TO CARRY DRY CELL BATTERIES. PHONE JACK AND 1 FT. CABLE WITH 8 RECEPTAL PLUG. ON-OFF SWI AND FUSE HOLDER. INSIDE DIMENSIONS 5 1/2x1 1/2x9. WT: 6 1/2 USED \$3.95

COMPUTER CONTROL CP-949/APA-44A W/AUTOSYN DIFFERENTIAL CONNECTED TO A GE TRAIN DIAL. 9 DECK CERAMIC SWITCH 4 POSIT ON. 6 GRAIN HEAT LAMPS SIZE: 6x7 1/2x5 WT. 9 LBS. USED \$3.95

LANDING GEAR SWITCH ASSEMBLY, SINGLE POLE DOUBLE THROW, PLUNGER TYPE, PLUNGER IS DEPRESSED OPENS ONE CONTACT, CLOSES OTHER, SPRING RETURN. SIZE 3x2 1/2x1 1/2. PLUNGER 2 1/2. WT: 8 OZ. PRICE: \$.50

DY-44 DYNAMOTOR BOX WITH FILTER SYSTEM AND 6 FT POWER CABLE. 1 FT OUTPUT CABLE WITH CANNON AN 31065-145-75 PLUG, ON-OFF SWITCH AND FUSE HOLDER. INSIDE DIMENSIONS: 9 1/2x5 1/2x4. WT. 12 LBS. DY-44A/U \$1.95

AUDIO OSCILLATOR BOX ASSY. W/24 12 MMFD. CERAMIC TRIMM. 21 TEMP. COMP. CAP. & RESIST WHEN USED WITH 2/6SJ7 TUBES & ASSOC. PARTS IT WILL PRODUCE FREQ. 425-2295 CYCLES IN 12 STEPS OF 170 CYC. EA. 5 1/2x5x4 1/2; WT: 5LB. #R26 \$4.95

LENS 2" FROM A K-14 GUNSIGHT APPROX. 3 POWER TWO FOR \$1.00

SERVO PRESSURE REGULATOR SELSON CONNECTED THROUGH GEARS TO A DEVICE WHICH AUTOMATICALLY COMPENSATES FOR ANY CHANGE IN PRESSURE. 5x7x6 1/2 WT. 10 LBS. \$5.95

CONTROL CROSS-HAIR #1280-322-8990. VARIABLE STICK CONTROL VARIES THE POTENTIOMETERS (2) ONE IN THE FORWARD & BACK OTHER EACH SIDE ALSO PALM & THUMB SWITCH. SIZE: 1 1/2x7x6 WT: 5LB. \$2.50

BOX, FREE FIRING TWO RELAYS 6 VOLT SPST NORMALLY OPEN. THREE CAPACITORS, ONE EACH; 24 F @ 600 VDC, 34 F 120V 400 CYC, 2x5 1/2 F @ 400 VDC. COMPLETE WITH SCHEMATIC AND SHOCK MOUNTING. CHASSIS: 8x5x2 1/2, WITH COVER 8x5x6. 10 LBS. \$1.95

VARIOGON PHASE SHIFT CAPACITOR V-42. USED FOR ACCURATE MEASUREMENT OF TIME INTERVALS IN RADAR SYSTEMS. CAPACITY OF INPUT PLATE TO HOUSING 4.4 MMF. CAPACITY OF OUTPUT PLATE TO HOUSING 15.6 MMF. CAPACITY VARIATION OF ONE INPUT TO OUTPUT PLATE 1.2-4.9 MMF. SIZE: 2 1/2x1 1/2 WT. 1 PRICE: \$4.95

TAPE SOUND RECORDING TAPE TW-3J. 7" REEL WITH APPROX. 900 FT OF 2 MIL TAPE. USED WITH RD-42 WT. 4.5 LBS. PRICE: \$4.95

HARDWARE KIT CONTAINS 50 CLAMPS OF 5 TYPES, 20 SCREWS OF 5 TYPE 15 LOCKWASHERS, 7 TERMINAL LUGS 4 HEX NUTS. 18 SPACERS. WT 5 LBS. RC-298 \$1.00

ID-11/APS-4 INDICATOR FOR APS-4 RADAR SET. USES TUBES 3FP7 AND 2/6J6. WT. 6 LBS. USED \$3.95 NEW 4.95

AC LINE CORD 4 FT. WITH SWITCH, WHITE 25 5 FOR \$1.00

THREE CONDUCTOR #18, BLACK PLASTIC 15 FT. 35 3/\$1.00 PLASTIC COVERED 2/12 8 1/2 PER FOOT

VIDEO AMPLIFIER MODULE FROM APS-44 RADAR. THREE 5977 TUBES AND RESISTORS. 15 PRONG PLUG, P/O AM-574/APS-44 1 1/2x3x3 1/2 WT. 1 LB. \$1.95

DIAL FOR TS-147 SIGNAL GENERATOR 6 SCALES MARKED 843-977 WITH TRAVELING INDEX. SIX INCH DIA. 4 MTG. HOLES. REMOVED FROM EQUIP. WT 2 1/2 LBS. \$1.95

DUMMY LOAD DA-20/UHM-68 FOR 5850-8200 MC WITH TRANSIT CASE. 1 1/2x 1/2 INCH WAVEGUIDE COVER FLANGE INPUT. DISPATES 420 WATTS AVERAGE POWER. CASE IS ALUMINUM 4 1/2 INCH INSIDE DIAMETER, 12 INCHES DEEP. WT. 14 LBS. \$12.95

60 MC IF BROAD BAND USES 10 TUBES 5/717A, 3/6AK5 1/6SL7 & 1/6SN7; HAS MIXER PANEL, RELAYS, CABLES ETC. SIZE: 14x4x5; WT: 4 1/2 LB. USED STK# D-15229 PRICE: WITH 5/717A \$2.95 WITH 10 TUBES 6.50

MOTOR SPLIT FIELD REVERSEABLE, SERIES WOUND. SHAFT SPEEDS, 5 R.P.M. 200 R.P.M. 26VDC 2 MICRO SWITCHES AND ON-OFF SWITCH. 6x4x4 PRICE: \$5.95

CAPACITY TUNER WITH AUTO-TUNE 160-211 MC 1/2C26 2/50-239 CONNECTORS 7x5x5 WT. 7 LBS. PRICE: \$2.50

CONNECTOR PLUGS 15 CONTACT SIZE: 2 1/2x1 1/2x1 1/2 PER PAIR \$1.50 34 CONTACTS 30" CX2158/U SIZE: 2x2x1 1/2 MRE-34H PER PAIR \$2.00 14 CONTACTS 30" CX 2157/U SIZE: 1 1/2x1 1/2x1 1/2 PER PAIR \$1.50 18 CONTACTS 2 1/2x2 1/2x1 P-2802 PER PAIR \$2.00

SW-225 CHANGE OVER SWITCH. 3PDT HEAVY DUTY. SIZE: 8x7x4 WT. 7 LBS. PRICE: \$1.95

TA-211/GR INTERCOM MUNICATION MONITOR STATION. THREE LEVER SWITCHES CONTROL RECEPTION OF EITHER OF TWO RECEIVERS OR BOTH WHEN CONNECTED THROUGH JACKS. JACKS FOR MIKE, TWO PHONES OR RECORDER INPUT FOR TWO RECEIVERS. RECEPTICAL FOR CONNECTION INTO EXTERNAL CIRCUIT. SIZE: 7 1/2x5x2 1/2 WT. 3 LBS. PRICE: \$4.95 NEW

5 1/2 INCH DIAL CALIBRATED 0-360 DEGREES 0-1600 KNOTS WT. 2 LBS. \$1.25

DIAL FOR TS-147 SIGNAL GENERATOR 6 SCALES MARKED 843-977 WITH TRAVELING INDEX. SIX INCH DIA. 4 MTG. HOLES. REMOVED FROM EQUIP. WT 2 1/2 LBS. \$1.95

DUMMY LOAD DA-20/UHM-68 FOR 5850-8200 MC WITH TRANSIT CASE. 1 1/2x 1/2 INCH WAVEGUIDE COVER FLANGE INPUT. DISPATES 420 WATTS AVERAGE POWER. CASE IS ALUMINUM 4 1/2 INCH INSIDE DIAMETER, 12 INCHES DEEP. WT. 14 LBS. \$12.95

60 MC IF BROAD BAND USES 10 TUBES 5/717A, 3/6AK5 1/6SL7 & 1/6SN7; HAS MIXER PANEL, RELAYS, CABLES ETC. SIZE: 14x4x5; WT: 4 1/2 LB. USED STK# D-15229 PRICE: WITH 5/717A \$2.95 WITH 10 TUBES 6.50

BC 683 LCU 3 COIL R.F OSCILLATOR TUNING UNIT FOR BC-683 RECEIVER ALSO USED TO CONVERT BC-603 TO BC-683. #BC-683/LCU3 \$2.00

FT-384 ADAPTER FOR TESTING BC-603 9C-683 USED \$2.95 RE-NEW 4.95

PLUGS INTO REAR OF SET AND HAS METERING SWITCH AND JACK FOR ATTACHING METER FOR MEASURING VARIOUS VOLTAGES AND BURNING ALIGNMENT. COMPLETE W/6FT BATT. LEAD.

TELETYPE COUNTER ACTUATED BY 48VDC RELAY. FOUR PULSES OF RELAY CHANGES COUNTER ONE DIGIT. UNIT CONTAINS 115V 60CYCLE MOTOR. MOTOR IS 60 RPM, TORQUE 6.6 INCH OUNCES. 5 1/2x5 1/2x6 WT. 10 LBS. PRICE \$9.95

RF PRE-AMPLIFIER 150 MC. TYPE BNC CONNECTOR 28VDC ROTARY RELAY WHICH CONTROL TWO CERAMIC WAFER SWITCHES. TUBES: 3/6A96, 1/6AK5 6 1/2x5x5 1/2 WT. 5 1/2 LB. 790292 \$5.95

BATTERY HOLDER FOR TWO TYPE D CELLS, SAME AS USED IN MOST FLASH LIGHTS. USED FOR LIGHTING INSTRUMENT PANELS D45200 WITH SWITCH & CORD & PLUG. \$.59

M-33 WITH SWITCH ON RHEOSTAT AND GRAIN OF WHEAT LAMP ON CORD. \$1.00

COILS EXPERIMENTERS ASSORTMENT ALL FOUR ITEMS FOR \$1.00

DUAL VARIABLE CAPACITOR & COIL ASSY, APPROX. 165 MC. DUAL VAR. CAP. COIL, ACORA SOCKET ETC. APPROX. 200 MC SLUG TUNED VARIABLE COIL ASSY FOR BROADCAST BAND RF & OSCILLATOR F/455KC IF 1ST RF TUNING STAGE FOR PART OF BROADCAST BANDS, 3 VAR. CAP. COILS, COND. RESISTORS, WAFERS ETC.

BC 683 LCU 3 COIL R.F OSCILLATOR TUNING UNIT FOR BC-683 RECEIVER ALSO USED TO CONVERT BC-603 TO BC-683. #BC-683/LCU3 \$2.00

60 MC IF BROAD BAND USES 10 TUBES 5/717A, 3/6AK5 1/6SL7 & 1/6SN7; HAS MIXER PANEL, RELAYS, CABLES ETC. SIZE: 14x4x5; WT: 4 1/2 LB. USED STK# D-15229 PRICE: WITH 5/717A \$2.95 WITH 10 TUBES 6.50

60 MC IF BROAD BAND USES 10 TUBES 5/717A, 3/6AK5 1/6SL7 & 1/6SN7; HAS MIXER PANEL, RELAYS, CABLES ETC. SIZE: 14x4x5; WT: 4 1/2 LB. USED STK# D-15229 PRICE: WITH 5/717A \$2.95 WITH 10 TUBES 6.50

PARTS BONNAZA



PLUG IN TUNING UNITS USED WITH BC-191/BC-375 TRANSMITTER. THESE UNITS CONTAIN MANY PARTS THAT CAN BE USED BY SCHOOLS, LABORATORIES, HAMS, OR EXPERIMENTERS. LISTED BELOW ARE THE VARIOUS TUNING UNITS WITH FREQUENCY COVERAGE, AND PARTS LIST. ALL UNITS INCLUDE CABINET, KNOBS, HANDLES, BRACKETS, AND OTHER PARTS. THE NEW TUNING UNITS ALSO INCLUDE THE OUTER CASE.

SIZE: 17x9x7 $\frac{1}{2}$ WT: 13 LBS.

TU-5B 1500-3000KC

M-O tank inductance
M-O band change switch
Antenna coupling switch
P-A band change switch
Capitors, as follows:
3/0.0001 mfd 3000 volt
0.00003 mfd 2000 volts
2/0.0004 mfd 5000 volts
3/0.00009mfd 3000 volts
Var. 8-26mmf, 20-135mmf
20-156mmf
Antenna coupling coil
P-A grid choke coil
M-O grid choke coil
P-A tank inductance
Res. 15 ohms, 4.5 watts
2 $\frac{1}{2}$ " vernier dial
right angle drive
New \$6.95

TU-6B 3000-4500KC

M-O tank inductance
P-A tank inductance
P-A grid choke coil
M-O grid choke coil
Antenna coupling coil
M-O band change switch
P-A band change switch
Antenna coupling switch
Capitors, as follows:
2/0.00005mfd 3000 volt
2/0.0004mfd 5000 volts
Variable cap. 19-116
mmf, 8-26mmf, 15-77mmf
M-O tuning compensator
Res. 15 ohm, 4.5 watts
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$5.95 Used \$3.95

TU-7-B 4500-8200KC

M-O tank inductance
P-A tank inductance
Antenna coupling switch
Antenna coupling coil
P-A grid choke coil
M-O grid choke coil
Cap. as follows:
2/0.0004mfd 5000 volts
Var. Cap. 8-26 mmf,
23-111mmf, 19-116mmf
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$5.95 Used \$3.95

BC-306 ANTENNA TUNING UNIT

200-500 KC

VARIOMETER COIL
VARIOMETER DIAL
ANTENNA COUPLIN
SWITCH
INSULATORS
NEW \$4.95, USED

TU-8-B 6200-7700KC

M-O tank inductance
M-O grid choke coil
P-A grid choke coil
P-A tank inductance
Antenna coupling coil
Antenna coupling switch
Cap. 2/0.0004mfd 5000v
Var. Cap. 14-66mmf,
8-26mmf, 15-81mmf
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$5.95 Used \$3.95

TU-9-B 7700-10,000KC

M-O tank inductance
M-O grid choke coil
P-A grid choke coil
P-A tank inductance
Antenna coupling coil
Antenna coupling switch
Cap. 3/0.0004mfd 5000v
Var. Cap. 19-116mmf,
8-26mmf, 15-77mmf
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$4.95 Used \$3.95

TU-10-B 10,000-12,500KC

M-O tank inductance
M-O grid choke coil
P-A tank inductance
P-A grid choke coil
Ant. coupling coil
Ant. coupling switch
M-O choke coil
Cap. 3/0.0004mfd 5000v
Var. cap. 14-62mmf,
19-116mmf, 8-26mmf
2 $\frac{1}{2}$ " vernier dial
Right angle drive
New \$4.95 Used \$3.95

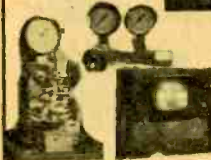
TU-26-B 200-500KC

M-O tank variometer
M-O plate coil
M-O grid choke coil
P-A tank variometer
P-A grid choke coil
M-O band change switch
Antenna Coupling switch
Antenna coupling coil
Capitors, as follows
3/0.0004mfd 3000v
2/0.005mfd 5000v
2/0.004mfd 5000v
2/0.0035mfd 5000v
0.002mfd 5000v
0.0005mfd 3000v
0.0007mfd 3000v
12mmf, 35mmf
Var. cap. 8-26mmf
Res. 15 ohm 4.5 watts
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$4.95 Used \$3.95

EQUIPMENT RACK

ELECTRICAL EQUIPMENT RACK. USEABLE PANEL HEIGHT 58", WIDTH IS STANDARD 19". UNIT HAS ONE ROLL-OUT SHELF, FOUR ADJUSTABLE SHELVES, AND ELECTRICAL JUNCTION BOX. LIGHTS IN TOP SECTION OF UNIT ILLUMINATE FRONT OF PANELS. EIGHT WHEELS PROVIDE MOBILITY FOR RACK. DROP DOWN SECTION ON ROLL-OUT SHELF. WEIGHTS: 160 LBS. SIZE: 72x21x20. Price: \$30.00

VAPOR DETECTOR



WATER VAPOR DETECTOR 128; CONSISTS OF VALVING ASSY. WITH 2 $\frac{1}{2}$ " 3000 LB.PER. SQ. IN. GAUGE CONNECTED TO A BRASS BLOCK WITH 3 VALVES COPPER TUBING CONNECTS TO SATURATOR BOTTLE AND ANOTHER BLOCK WITH VALVE WHICH

ONE OUTLET CONNECTS TO A ELECTRIC AMPLIFIER THRU DETECTOR ELECTRODE AND THE OTHER OUTLET TO A GAS PRESURE REGULATOR. THE ELECTRIC AMPLIFIER IS HOUSED IN METAL CASE WITH 3" METER 50 MICRO-AMP. WITH TUBES 1/1G6GT & 1/1G4GT IN A OSCILLATOR CIRCUIT, BALANCED BRIDGE TYPE, ANY ELECTRIC UNBALANCE IS INDICATED ON THE METER, ADJUSTING CONTROLS ON PANEL, REQUIRES 67 $\frac{1}{2}$ & 1.5 VOLTS D.C FOR OPERATION. GAS PRESURE REGULATORS ARE STD. WITH 2" METERS. EQUIPMENT IS USED TO DETERMINE THE AMT OF WATER VAPOR IN THE GAS TO BE TESTED WITH A REF. GAS AS THE STANDARD. CARRING CASE 14x16x10 $\frac{1}{2}$; WT: 60 PRICE: USED \$14.95

RELAY TEST SET

USED \$16.95
RE-COND. 21.95

1-193 RELAY TEST SET: USED FOR TESTING 255, 255A, D-163119A, D-164 816A POLAR RELAYS ETC. FOR BIAS AND SENSITIVITY. THE ELECTRICAL CHARACTERISTICS ARE DETERMINED BY THE DEFLECTIONS OF THE METER. ALSO CONTAINS CIRCUIT FOR SENDING PULSES FOR TESTING EXTERNAL TELEGRAPH CIRCUITS AND A 10-20 CYCLE OSCILLATOR FOR TESTING AND LINE-UP PURPOSES. OPERATES FROM 115/130 VDC 10 WATTS. (RA-87 RECTIFIER SHOWN ON PAGE 8 OF THIS CATALOG WILL OPERATE THIS EQUIPMENT) SHIPPED IN WOOD CHEST 24x12x13; WT: 75 LBS.

A.F.C. UNIT



AUTOMATIC FREQ. CONTROL UNIT No. 600671; USED WITH FIRE CONTROL SYSTEM WITH 16 TUBES 2/5829, 11/5703, 2/5702 & 1/5784, DPDT SIGMA RELAY THAT WILL OPERATE FROM 14 VDC @ 2.8 MA, SLUG TUNED COILS, RESISTORS, COND. ETC. (SORRY DO NOT KNOW FREQ. NO SCHEMATIC) SIZE: 4x8x6; WT: 5LBS. PRICE USED \$3.95

OSCILLOSCOPE

TS-34/AP OSCILLOSCOPE; 2" DIA. SCREEN, START-STOP SAW TOOTH SWEEP INCL DEFLECTION SENSITIVITY 0.22 MM PER V. DC VERTICAL, 0.26 MM HORIZ. FREQ. RANGE START STOP DURA. 4 $\frac{1}{2}$ -8, 20, 50, 120-280 U SEC. SAWTOOTH FREQ. 50,000 IN STEPS TO 10 CPS. OPERATING POWER 115 V 50-1200 CYC. SIZE: 9 $\frac{1}{2}$ x29x12 $\frac{1}{2}$; WT: 40 LBS. Used \$39.50

VERNIER TIMER

VERNIER SET ATC TIMER WITH 15 MINUTE TIMING PERIOD. SYNCHRONOUS MOTOR OPERATES FROM 230 V 60 CYC AND HAS SPDT CONTACTS FOR CONTROL OF INDUSTRIAL EQUIPMENT. SIZE: 6 $\frac{1}{2}$ x5 $\frac{1}{2}$ x3 $\frac{1}{2}$ WT. 5 LBS. PRICE: \$9.95 NEW

WAVE METER

SCOPE OSCILLATOR

AN/UPM-1 WAVEMETER-OSCILLATOR-SCOPE RADAR TEST UNIT FOR 155-235MC AND 460-570MC CONTAINS PULSE AND SWEEP GENERATORS VIDEO AMP. 3" OSCILLOSCOPE, TWO WAVEMETER TWO OSCILLATORS, POWER REQUIREMENTS: 80, 115, OR 230 VOLTS AC. 60-1000 CYCLES. SIZE: 30x21x24; WT. 150LBS. USED \$49.95 ANTENNA FOR AN/UPM-1 SIZE: 21x12 WT. 11 LBS. USED \$9.95

SIGNAL GENERATOR

USED \$22.95

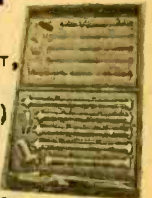
BC-1277 SIGNAL GENERATOR; 2400 TO 3400 MC. TUNED CAVITY DIGIT COUNTER DIVISIONS 30/60 MC. 0-50 D.C 3 $\frac{1}{2}$ " MICROAMP. METER FOR MEASURING THE VOLTAGES OF THE VARIOUS CIRCUITS. ATTENUATOR, SYNC. AMP., STD. SIGNAL SHAPE AND CAL. SIGNAL AMPLIFIER CIRCUIT OPERATES FROM 115 V. 50-1200 CYCLE. WITH TUBES 3/VR-150, 4/6AC7, 2/VR-105, 2/6Y6, 2/6SF5, 1/6L7, 1/6L6, 1/707A, 1/6X5 & 1/5T4. USED FOR TESTING RADAR. SIZE IN WOOD CHEST 22x17x17; WT: 100 LB



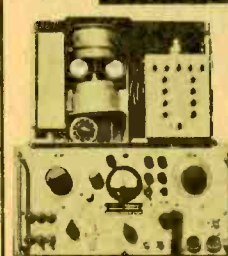
ATTENUATORS

MX-1309/URM-23 POWER MEASURING; KIT OF WAVEGUIDE ATTENUATORS, ADAPTER, BALOMETER, CABLE & CHART, 1000 TO 4000 MC.

ATTENUATOR CN-110/U 10 DB
" CN-111/U 20 DB(2pc)
" CN-168/U 3 DB
" CN-169/U 6 DB
RF BALOMETER DT-76/U, "N" CONN
ADAPTER CONN. UG-402/U
COAXIAL CABLE CG-928/U, w/UG-21 EA. END.
METAL CARRING CASE, FITTED, SIZE 19x5x14;
WT: 32 LBS. COMPLETE SET \$14.95



PULSE GENERATOR



AN/UPM-19 RADAR TEST SET CONSISTS OF SG-76 PULSE GENERATOR THAT COVERS THE FREQ. OF 2650-2950 MC. VARIABLE FREQ. AND R.F. OSCILLATOR CONTROLS BCN CONN. REQ. FOR R.F IN, R.F OUT, VIDEO PULSE AND SYNC. OUT JACKS. 2 $\frac{1}{2}$ " R.F CAL. POWER METER 25 TUBES, OPERATES FROM 24 VDC VIBRATOR POWER PACK. ABOVE IS CONTAINED IN CASE # 1 OF 2. CASE 2 OF 2 CONTAINS, 2 ANTENNAS, CONTROL BOX, LITE INDICATOR BOX, PLUGS AND CABLES. ALUMINUM CARRING CASE SIZES 16 $\frac{1}{2}$ x8x14 AND 14x10x10; SHPG. WT: 80 LBS. PRICE: USED \$29.95

CALIBRATOR



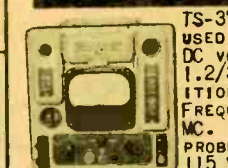
TS-102B/AP CALIBRATOR: RANGE CALIBRATOR PORTABLE PULSE GENERATOR WITH REPETITION FREQ. OF 400, 800, 1600, 2000 & 4000, MARKER AND SYNCHRONIZING PULSE, VARIABLE DELAY LINE PHASE ADJUSTMENT. OPERATES FROM 115 V. 50-1000 CYCLE WITH TUBES 2/6X4W 3/6AG7 6/5814. 2/UG273/U CONN. 4/CABLES W/UG-88R/U SIZE: 16x10x11; WT: 28 LBS. UNUSED \$18.95

TEST SET 1-173 OSCILLATOR

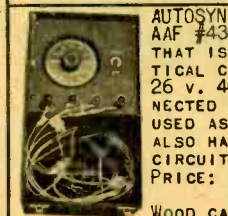
UNIT. 90 OR 150 CPS OUTPUT FROM A VIBRATOR TYPE SIGNAL GENERATOR. OPERATES FROM TWO 1 $\frac{1}{2}$ VOLT LANTERN BATTERIES 11 $\frac{1}{2}$ x7x3 $\frac{1}{2}$ WT. 8 LBS. \$7.95



VACUUM TUBE VOLTMETER



TS-375 VACUUM TUBE VOLTMETER USED FOR MEASURING BOTH AC AND DC VOLTAGES. FULL SCALE RANGE 1.23/12/30/120 VAC-DC. ADDITIONAL DC SCALE UP TO 300 V. FREQUENCY RANGE 40CYC TO 300 MC. COMPLETE WITH AC AND DC PROBES. 4" METER FACE. 115 V 1 $\frac{1}{2}$ 50-1600 cyc \$49.50



AUTOSYN INSTRUMENT FIELD TESTER; AAF #43G18624 IS A SIMPLE TESTER THAT IS DESIGNED TO TEST THE ELECTRICAL CIRCUITS OF ALL MINATURE 26 V. 400 CYC. AUTOSYNS. WHEN CONNECTED TO THE SUPPLY IT CAN BE USED AS A TRANSMITTER OR INDICATOR ALSO HAS ELECTRICAL ZERO TESTING CIRCUIT. SIZE: 6x10x5; WT: 8 LBS. PRICE: METAL CASE HINGED COVER & CABLES. USED.. \$8.95 WOOD CASE NO COVER/CABLES 3.95

BC-221 FREQ. METER



THIS IS A SIMPLE ACCURATE AND RELIABLE CRYSTAL CALIBRATED FREQUENCY INDICATING INSTRUMENT FOR USE IN THE 125 TO 20,000 KC. RANGE, WITH A NORMAL OPERATING ACCURACY OF LESS THAN .02%. CAN ALSO BE USED AS A SIGNAL GENERATOR OR VARIABLE FREQ. OSCILLATOR.

OPERATING VOLTAGE REQUIRED FOR DRY CELL OPERATION 6 VDC .9 AMP. & 135 VDC 20 MA.
SIZE: 10x13x10; WT: 25 LBS.

UNITS MAY BE IN WOOD OR METAL CASES VARIOUS LETTERS, COMPLETE WITH TUBES, CRYSTAL, ORIGINAL CALIBRATION BOOK.

PRICE: USED CHECKED FOR OPERATION \$79.50

TS-175 FREQ. METER 85-1000 MC

SAME AS BC-221 BUT WITH DIFFERENT FREQUENCY AND WITH MODULATION. USED CHECKED \$125

OSCILLOSCOPE

USM-24 OSCILLOSCOPE

3 INCH CR TUBE 3UP1
RECURRENT SWEEP, 8 CYC PER. SEC. TO 600 KC.
TRIGGERED SWEEP 1.25-125 MICROSEC. VERT. DEFLEC. SENSITIVITY .035
HORIZ DEFLEC. 4.0V
HORIZ RESPONSE .5 CYC PER SEC. TO 700KC.,
VERT. RESPONSE 4 CYC. PER. SEC. TO 10MC BEAM MOD. RESPONSE 50 CYC. PER. SEC. TO 10MC HORIZ INPUT IMPEDANCE 300, 800 OHMS. BEAM MOD. INPUT RESIST. 56,000 OHMS OPERATES FROM 115VOLTS 50-1000 CYC. RADIO FREQ. & MOD. CIRCUITS USE BCN SERIES COAXIAL CONNECTORS.



SIZE: 17x15x15; WT: 60 LBS. USED SERVICEABLE PRICES LISTED BELOW ARE LESS BLOWERS, PROBES CABLES, COAXIAL ADAPTERS AND AS OFFERED.

OS-51/USM-24 --- LESS FRONT AND BACK COVERS.....\$59.50
OS-26/USM-24 --- LESS FRONT COVER AND DELAY LINE.....\$44.95



1-208 SIGNAL GENERATOR
F.M STANDARD OF VOLTAGE FREQUENCY AND FREQUENCY DEVIATION FOR TESTS OF ALIGNMENT, CALIBRATION, SENSITIVITY MEASUREMENTS OF FM RECEIVERS. RANGE 1.9-4.5 MC & 19-45 MC.

FREQ. DEVIATION ADJUSTABLE 0-5KC FOR LOW AND 0-50 KC. FOR HIGH BAND. MODULATION FREQ. 150-400, 1000, 2500 & 5000 CPS. ACCURACY & STABILITY .03 PERCENT, OUTPUT METER AND SPEAKER. OPERATES FROM 115 V. 60 CYC. USED SERVICEABLE
SIZE: 18x11x10; WT: 125 LBS. \$59.50

WIRE RECORDER

IC/VRW-7
WIRE RECORDER 3" REEL 0.006 DIA. WIRE. ONE INPUT CHANNEL, 600 OHM IMPERANCE, 290 RPM RECORDING SPEED. FREQUENCY RESPONSE 300-3500 CPS. OPERATES FROM 28 VDC. COMPLETE WITH TUBES 2/28D7, MX 303A/ANQ-1 WITH WIRE FOR 60 MINUTES. FRONT CONTROLS FOR VOLUME IMPUTS FOR MIKE AND RECEIVER, CUTPUTS FOR TWO HEADPHONES, AND AN ON/OFF SWITCH.
(THIS IS A RECORDER ONLY)

SIZE: 12x7x6; WT. 16 LBS.
PRICE: \$9.95 USED

MIRROR-MATIC

AUTOMOBILE REAR VIEW MIRROR: AUTOMATICALLY CHANGES ANGLE OF MIRROR WHEN HEADLIGHTS OF CAR IN THE REAR STRIKES MIRROR. OPERATES 12 VOLTS D-C WITH PHOTO-CELL, 1/12X5 TUBE, SPST RELAY, RELAY THAT FLIPS MIRROR AND SENSITIVITY CONTROLS. CAN ALSO BE OPERATED BY A FLASHLIGHT OR OTHER LIGHT SOURCE.

SIZE: 10x2x2x1; WT: 3 LBS. PRICE:.. \$3.95

MOBILE REC. & TRANS.



GENERAL ELECTRIC RECEIVERS AND TRANSMITTERS 30-40 MC OR 40-50 MC. THESE UNITS OPERATE FROM 6 OR 12 VDC. THE FREQUENCY IS CRYSTAL CONTROLLED COVERING THE RANGE 30-40 MC OR 40-50 MC. RECEIVERS ARE OF THE 4ER SERIES AND ARE COMPLETE WITH 11 TUBES. TRANSMITTERS ARE OF THE 4ET SERIES AND ARE COMPLETE WITH 7 TUBES. COMPLETE WITH CRYSTALS. 9x9x14; WT. 30 LBS.

USED: RECEIVER 6V 40-50 MC 4ER645 \$29.95
" RECEIVER 12V 30-40 MC 4ER1234 29.95
" TRANS. 6V 40-50 MC 4ET645 14.95
" TRANS. 12V 40-50 MC 4ET1245 14.95
GE CONTROL BOX FOR ABOVE..... 2.00
GE SPEAKER IN BOX FOR ABOVE..... 2.00
PUSH BUTTON HANDSET..... 4.95
CONTROL CORDS (2 REQUIRED)..... EA. 2.75
POWER CORD..... 2.75

MEMORY CORE MATRIX

COMPUTER MEMORY CORE MATRIX RCA #XN164-16 APPROX 264 CELLS) WIRE TO 11 CHASSIS CONNECTOR 42 TERMINALS EA. WITH MATCHING DISCONNECTS. SIZE 12x20x3; WT: 10LB. \$18.95



TELETYPE TESTER



TS-2/TG TELETYPE SIGNAL DISTORTION TEST SET CAPABLE OF SENDING NORMAL OR DISTORTED SIGNALS FOR TESTING MARGINS OF START/STOP MECHANISMS AND TESTING EFFICIENCY OF THE SELECTOR UNITS.
SIZE 18x13x14; WT: 90 LBS. USED \$75.00

PUMP TEST



DESICCATOR PUMP TEST FIXTURE: CONSISTS OF AIR FLO-SCOPE INDICATOR WITH 4" MAGNETIC METER 0-8 INCHES OF WATER AND PRESSURE CONTROL VALVE ALSO TWO 3" SQUARE METERS 0-50 VDC 500 OHMS PER VOLT AND 0-5 AMP METER, RHEOSTAT, SW, PILOT LIGHT ETC. UNIT IS HOUSED IN METAL CARRING CASE 21x13x6; WT: 25 LBS.
PRICE: USED \$14.95

RADAR TEST SET

1-242 RADAR TEST SET DESIGNED TO FURNISH A COMPARATIVE INDICATION OF TRANSMITTER OUTPUT AND MEASURE PULSE RECURRENCE RATE. CONSISTS OF DUMMY LOAD WITH 3" METER 0-50 MA WITH 0-100 SCALE. UNUSED
SIZE 8X10X11; 14 LBS \$8.95



RECEIVER

ARN-50 GLIDE PATH RECEIVERS USED IN AIRCRAFT TO RECEIVE A MODULATED SIGNAL 90 & 150 CYC. ON 332.6, 333.8 MC. OPERATES FROM 24 VDC. COMPLETE WITH TUBES 7/6AJS, 2/12SN7, 1/28D7. SIZE: 5x6x11; WT. 12 LBS. CRYSTALS NOT INCLUDED
PRICE: USED, R-89/ARN-5 \$5.95
R-268/ARN-5 \$6.95
R-430/ARN-5 \$5.95



AMPLIFIER

AW-142/AIC MIXER AMP. USED IN LARGE AIRCRAFT INTERCOMMUNICATION SYS AS A AUDIO LINE BOOSTER AND MIXER. INPUT IMPEDANCE 500 OHM, OUTPUT 600 OHM. OPERATES FROM 24 V.D.C. AND IS COMPLETE WITH ONE 26A7 TUBE AND SCHEMATIC.
SIZE: 5x5x2; WT: 2 1/2 LBS. USED \$1.50



REC. 30-40 CONVERSION



MOTOROLA RECEIVER 70-80MC (30-40 MC. CONVERSION WILL BE SUPPLIED UPON REQUEST, F.M. 6 VOLT VIBRATOR POWER SUPPLY, 16 TUBES 10/7C7 1/7C5, 2/7AG7 & 2/7A6, 7F7 SINGLE CHANNEL CRYSTAL CONTROL, SQUELCH ETC. USED FMRW16V SIZE 15x9x9; WT: 30 LBS.

PRICE: W/TUBES, LESS CRYSTALS & COVER \$22.95
" " WITH " " 27.95
MOTOROLA TRANSMITTER FMT-25V 30-40 MC, F.M CRYSTAL CONTROL SINGLE CHANNEL, 25 WATT, 6V TUBES, 3/7C7, 2/7A8, 1/6V6, 1/RK391807. 15x9x9 30 LBS. USED W/COVER \$14.95; LESS COVER 9.95

PHILCO TRANSMITTERS PRT150GT 154-172 MC. FM.



30 WATT, 6 VOLT DYNAMOTOR P.S. CRYSTAL CONTROL SINGLE CHANNEL TUBES, 2/3A4, 1/9003, 1/6BJ6, 2/2E24, 1/6CA & 1/2E30. USED COND SIZE: 15x10x8; WT: 35 LBS.
PRICE: W/TUBES, L/CRYS. \$14.95

PHILCO RECEIVER PRT72G 70-80 MC. F.M 6 VOLT VIBRATOR POWER SUPPLY, CRYSTAL CONTROL SQUELCH CIRCUIT WITH TUBES 3/6B6, 3/6AK5, 2/6A6, 1/6CA, 1/7F7 & 1/7A8. USED LESS CRYST. SIZE: 15x10x8; WT: 30 LBS. \$14.95

LINK 152 TO 172 MC. F.M.

6 OR 12 VOLT \$59.50

COMMERCIAL TYPE MOBILE COMMUNICATION RADIO SET MFG. BY LINK. TRANSMITTER #1906 50 WATT USING 2/2E26 TUBES DRIVING 829 IN THE FINAL ALSO 1/7AG7, 1/7F7 & 1/7W7 TUBES. WITH 12 VOLT DYNAMOTOR POWER SUPPLY. RECEIVER #1905 SELECTIVE DOUBLE CONVERSION WITH SQUELCH CIRCUIT & 2/7A6, 7/7AG7, 1/7F7, 1/7B5 & 2/6AK5 WITH 12 VOLT VIBRATOR POWER SUPPLY. BOTH UNITS ARE CRYSTAL CONTROL PHASE MODULATED 15 KC.

UNITS HAVE RECENTLY BEEN REMOVED FROM CARS AND HAVE TUBES, CONTROL BOXES, CABLES WITH PLUGS (THAT MAY HAVE TO BE SPLICED) ETC.
PRICE, AS DESCRIBED \$59.50

R-316/ARR-26 RECEIVER

162.25 - 173.5 MC. FM
DESIGNED TO RECEIVE SONOBOUY SIGNALS ON 16 PRE-SET CHANNELS. WITH TUBES 1/6J6, 2/6AL5, 1/6AS7, 1/6AU6, 1/12AU7, 1/12AV7 & 7/6AK5. NO POWER SUPPLY, REQUIRES 280 VDC @ APPROX. 125 MA. AND FILAMENT VOLTAGES. OUTPUT OF THE SET USES A 12AU7 IN A CATHODE FOLLOWER CIRCUIT WHICH IS SUFFICIENT FOR HEAD SET. (SCHEMATIC AND CONVERSION INFORMATION FOR 145-175 MC SUPPLIED WILL INCLUDE ADDITION OF AUDIO, SQUELCH AND 115 VOLT 60 CYCLE POWER SUPPLY CIRCUITS.)
SIZE 5x8x17; WT: 3 LBS. PRICE: USED \$22.95



R-74/CRW-2 RECEIVER

HIGH FREQUENCY FOR REMOTE CONTROL USE IN THE 53-88MC BAND ON PRESELECTED CHANNEL SINGLE FIXED FREQ. COMPLETE WITH TUBES, 1/6SG7, 1/6J5; 3/6SL7; 1/6SN7 & 24 VOLT DYNAMOTOR
SIZE: 6x8x10 WT: 13 LBS.
PRICE: RE-NEW \$4.95



GIBSON GIRL

GIBSON GIRL TRANSMITTER ASSEMBLY 500 KC. SINGLE CHANNEL, CONSISTS OF TRANSMITTER SECTION OF THE SCR-578/BC-778 EQUIPMENT, USES 1/12SC7 & 1/12A6 TUBES, W/ GOLD PLATED VARIABLE CONDENSER 20 TO 245 MMFD. COILS, COND, RESISTOR TRANSF. SOCKETS ETC. REQUIRES 24 VOLT FOR FILAMENTS (CAN BE REWIRED FOR 12) AND 300 VDC 25 MA. FOR HIGH VOLTAGE. SCHEMATIC SUPPLIED. (CRANK GENERATOR AND GEAR TRAIN LISTED PAGE 8
SIZE: 6x7x3; WT: 3 LBS. NO TUBES, PRICE \$2.95



S.O.S CODER WHEEL WITH GEAR TRAIN, SWITCHING ASSY. RELAY, PILOT LIGHT ASSYS. ETC. FOR ABOVE TRANSMITTER. PRICE: \$1.00

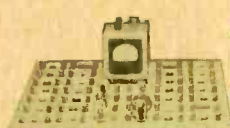


SUPER PRO RECEIVER

SUPER PRO RECEIVER SP-600 JX TUNES FREQUENCY RANGE 0.54 TO 54 MC IN SIX BANDS. AUDIO OUTPUT TWO WATTS INTO 600 OHMS. POWER REQUIRED 95-260 VOLTS, 50-60 CYC, 130 WATTS. RECEIVER CONTAINS 20 TUBES AND CAN BE RACK MOUNTED. SENSITIVITY 2.3 MICROVOLTS OR BETTER ON ALL BANDS FOR S-N TO N RATION OF 10 DB. IMAGE REJECTION BETTER THAN 74 DB ON ALL BANDS. IF REJECTION RATIO AT 600 KC IN 2700 TO 1. AVC WILL HOLD WITHIN 12 DB WHEN INPUT IS INCREASED FROM 2 TO 200,000 MICROVOLTS. ALSO HAS A CRYSTAL CONTROL OSCILLATOR IN WHICH SIX CRYSTALS CAN BE USED FOR SPOT FREQUENCY OPERATION. SIZE: 19x16x10 1/2 WT. 80 LBS. CONDITION: GOOD, GUARANTEED TO OPERATE PRICE \$349.95

EXPERIMENTER'S POWER SUPPLY BOARD

EXPERIMENTAL POWER SUPPLY BOARD. USED IN SCHOOLS FOR DEMONSTRATIONS OR LAB. USE. 2/8 MFD CAPACITORS, RESISTORS, TUBE SOCKETS, CHOKE, AND TRANSFORMER, PRI: 115V 50-60 CYC SEC: 700VCT @ 200 MA. 5V @ 3 AMP, 6.3V @ 8AMP HUMB-SCREW TYPE TERMINALS. 12x18 16 LBS. \$9.95



METER BOARD

EXPERIMENTAL METER BOARD. UTILIZES 0-1 MA METER IN METAL CASE, 28 RESISTORS, AND THREE POTENTIOMETERS. THUMB-SCREW TYPE TERMINALS SIZE: 12x18 WT. 9 LBS. \$9.95

TRANSISTOR BOARDS

THE TRANSISTOR BOARDS LISTED BELOW ARE APPROX. 4 1/2 x 5 1/2 AND CONTAIN THE PARTS LISTED. PRICE: EACH, \$1.95

#44485-506-11
3/#111 G.E. TUBES; 2/2N338 SWITCHING AND HIGH FREQUENCY TRANS.; 2 1/2 WATT RES.; 3/1 WATT RES.; 6/ GLASS DIODES; CAPACITORS: 3/.1 MFD @ 100 VDC; 2/.06 MFD @ 200 VDC; 3/1.5 MFD.-150 VDC TAN ALUM CAP.

#40085-401-31
2/2N498 4W. SILICON MESA PNP TRANS. 1/2N335 .15W SMALL SIGNAL TRANS. 6/1N540 DIODE 2.5A-400PIV; 4/ 1/2 WATT RES.; 3/ 1/2 WATT 1% RES.; CAPACITOR: 1/5MFD-150 VDC TANTALUM; 1/7 MFD 100VDC TANTALUM; 1/2MFD-100VDC TANTALUM; 1/.1MFD-1000 VDC; 1/.0033MFD 100VDC; 3/.1MFD-100VDC; 1/1000OHM BOURNS TRIMPOT.

#40835-401-11
2/2N498 SILICON MESA PNP-4W; 3/2N335 .15 W SMALL SIGNAL TRANS.; 6/1N540 DIODES; 1/2K BOURNS TRIMPOT; 4/ 1/2 WATT RES.; 7/ 1/2 WATT 1% RES.; 1/.1MFD-200 VDC CAPACITOR.

#44490-506-11
1/#6021 TUBE; 4/1N251 SILICON SIGNAL DIODE 5MA 1V.; 1/1N643 SILICON DIODE 10MA-200V.; 1/10K BOURN TRIMPOT 1/1 WATT RES.; 2/2 WATT RES.; 1/1% RES CAPACITOR: .35MFD-150VDC TANTALUM 1.5MFD-150VDC TANTALUM; .0047MFD -200 VDC; .022MFD-200 VDC; 3/.01-200 VDC; .01-400 VDC; 1/ TRANSFORMER

#40060-502 ELECTRONIC CONTROL AMPLIFIER
2/2N389 85WATT POWER TRANSISTOR 1/2N343 1 WATT GROWN JUNCTION 1/2N341 1 WATT GROWN JUNCTION 1/2N335 .15 WATT SMALL SIGNAL 1/ 1/2 WATT RES.; 4/ 1/2 WATT 1% RES. 1/2 WATT RES.; CAPACITOR: .033 MFD-200VDC; .015 MFD-100VDC; 10MFD.-10V. TANTALUM; 1MFD-100V TANTALUM; 40 MFD-15V; 1 TRANSFORMER

TRANSISTOR BOARDS 5/ \$1.00
BOARDS SIMILAR TO THOSE PICTURED. EACH PACKAGE CONTAINS 5 BOARDS WHICH HAVE DIODES TRANSISTORS, CONDENSERS, AND RESISTORS. EACH BOARD 2 5/8 BY 3 7/8. WT. 9 OZ. PRICE: 5/ \$1.00

BC-223 TRANSMITTER

\$19.95



BC-223 TRANSMITTER 25 WATT 2000 TO 5200KC BY USE OF 3 PLUG IN TUNING UNITS, CRYSTAL CONTROL AND VARIABLE OSCILLATOR, FOUR PRESELECTED CHANNELS, USES FT-171 CRYSTAL HOLDERS WITH TUBES 1/801 OSCILLATOR, 1/801 POWER AMPLIFIER, 2/46 MODULATORS, 1/46 AUDIO AMPLIFIER, 2 1/2" METERS, 0-3 R.F. & 0-300 VDC MA. VOLTAGE REQUIRED 12 OR 24 VDC & 500 VDC @ 150-200 MA. SIZE: 18x13x7; WT: WITH 3 TUNING UNITS 100 LBS PRICE: W/TUBES AND 3 TUNING UNITS WITH CASES FOR 2 TUNING UNITS.. NEW \$19.95

- TU-17 TUNING UNIT 2000-3000 Kc. \$3.95
- TU-18 " " 3000-4500 " 2.95
- TU-25 " " 4500-5200 " 2.95
- CS-56 CASE FOR HOUSING TUNING UNIT 1.00
- FT-173 SHOCKMOUNTING 1.95
- POWER PLUG CONNECTOR F/TRANS OR POWER 1.25
- PE-135/PE-55 DYNAMOTOR 12/24 VOLT, USED 10.95
- AC POWER SUPPLY
- KIT OF PARTS \$25.00 WIRED \$29.95

COMCO MODEL 278 TRANSMITTER-RECEIVER 225-400 MC RECEIVER-TRANSMITTER FOR 6/12/24 VOLT OPERATION. POWER OUTPUT 2-3 WATTS. UNIT IS CRYSTAL CONTROLLED (CRYSTALS NOT INCLUDED). COMPLETE WITH TUBES: 2E26, 5686, 5/6BH6, 12AX7, 2/6AQ5, 6AT6, 3/6BJ6, 6BE6, 2/6AK5, 6AK6. UNIT COMPLETE WITH TUBES, CABLES, SPEAKER, AND CONTROL BOX. SIZE: 12x11x5 1/2. WT: 35 LBS. USED \$49.95

DIVERSITY RECEIVER

DIVERSITY RECEIVING EQUIPMENT PROVIDES A MEANS FOR COMBINING THE OUTPUT OF THREE RECEIVERS TO PRODUCE A SINGLE KEYED AUDIO OUTPUT SIGNAL, FREE FROM NOISE AND OTHER UNDESIRABLE INTERFERENCE. IT IS SUITABLE FOR USE ONLY IN CW & MCW SIGNALS AND NOT VOICE. THE BAND PASS FILTER IS FOR 600 TO 1200 CYC. AND THE OUTPUT OF EACH RECEIVER IS INDICATED ON THE METERS WHICH ARE 500 MICROAMP. THE AUDIO FREQ. CONTROL CAN BE ADJUSTED FOR THE PROPER BAND PASS. INPUT AND OUTPUT IMPEDANCE IS 600 OHMS. EQUIPMENT OPERATES FROM 115/230 VOLT 50/60 CYC. AND CAN BE RACK MOUNTED. W/TUBES 1/VR-150, 1/6F8, 3/6A6, 2/6SJ7, 1/77, 1/1V, 1/80. SIZE: 21x19x14; WT: 125 LBS. PRICE: NEW WITH MANUAL \$19.95

SERVO AMPLIFIER DUAL PRINTED CIRCUIT ASSY. TUBES 4/5840, 1/5814, 1/5784, 1/5896, 9 VICTOREEN RESISTORS APPROX. 25 OTHER RESISTORS, CONDENSERS ETC. SIZE: 5 1/2 x 3 x 3; WT: 2 LB. USED \$1.50

AIRPEED INDICATOR

1D-1688/APA-44 AIRSPEED INDICATOR. CONTAINS A KOLLSMAN TRUE AIRSPEED METER AND AN INDICATING DEVICE WITH A RANGE OF 84 TO 434 KNOTS. BY OPERATION OF THE TEST SWITCH THE AIRSPEED SERVO MAY BE MADE TO RUN IN DIRECTION OF INCREASING AIRSPEED, IN DIRECTION OF TRUE AIRSPEED, OR TO HOLD THE PRESENT SETTING FLEXIBLE TUBE CONNECTED TO A TEMPERATURE COMPENSATING THERMOMETER. JOHN OSTER MOTOR # AV 240 28 VDC. TUBES 1/6AK5W. WESTERN ELECTRIC RELAY D171584. SIZE 15x7x5, WT. 19 LBS. USED \$8.95 NEW \$12.95

RT-122/APW-11 REC.-TRANS.

RT-122/APW-11 RECEIVER TRANSMITTER, THIS UNIT CONSISTS OF A TUNABLE RECEIVER CAVITY, A CRYSTAL DETECTOR, A VIDEO AMPLIFIER, DECODING CIRCUITS, A TRANSMITTER AND CIRCUITS FOR OBTAINING AUDIO FREQUENCY TONES FROM THE PULSE POSITION MODULATED SIGNALS OF THE AN/MSQ-1. THE TRANSMITTER CONTAINS CIRCUITS FOR ENCODING THE REPLY BY VARYING THE SPACING BETWEEN THE TWO REPLY PULSES. THE RECEIVER TRANSMITTER RECEIVES INPUT PULSES TRANSMITTED AT A PULSE REPETITION FREQUENCY OF 410 CYCLES PER SECOND AND A PRESET CARRIER FREQUENCY RANGING BETWEEN 2680 AND 2920 MC. THE REPLY PULSES ARE AUTOMATICALLY TRANSMITTED AT A PRESET CARRIER FREQUENCY RANGING BETWEEN 2700 AND 2950 MC. TUBES: 1/12AT7; 2/2021; 6A56; 6AL5 2040. SIZE: 13x5 1/2 x 6. WT. 19 LBS. PRICE: USED WITH TUBES... \$14.95 USED LESS TUBES... 5.95

C-400/APW-11 SELECTOR UNIT FOR RT-122 REC-TRANS. CONTAINS 6 RELAYS 24 VDC SPST NORM OPEN 15 9 PIN SOCKETS, 1 OCTAL, 6 FILTERS, 1 DPDT SW. RESISTORS CONDENSERS ETC. 5x6x12; 8 LBS PRICE: USED LESS TUBES \$2.95

K2401 PLUG-IN PRINTED CIRCUIT BOARD W/BILEY CRYSTAL 436 KC 6 TRANSISTORS, 12 DIODES, 436 KC & 108 KC FILTER, CONDENSERS, RESISTORS, TRANSFORMER SIZE: 9x4x1; 2LB. USED \$2.95
K2419 SIMILAR TO ABOVE UNIT W/ 7 DIODES, 2 TRANSISTOR, 19 RESISTORS, 14 CAPACITORS, 5 SMALL TRANSFORMERS, 2 FILTERS, SOCKETS ETC. SIZE: 9x4x1; 2LBS. \$1.50

BRUSH MODEL BL-905 SINGLE CHANNEL A.C. AMPLIFIER FOR USE WITH BRUSH RECORDER. SENSITIVITY: 500 uV PER CHART LINE FREQ. RESPONSE: 0.5-100 CPS WHEN USED WITH RECORDER VOLTAGE: GAIN: APPROX 2000 INPUT IMPEDANCE: 10 MEGOHMS INPUT VOLTAGE RANGE: 0.0005-300V OUTPUT IMPEDANCE: APPROX. 50 OHMS POWER REQUIRED: 105-125V 60 CPS SIZE: 14 1/2 x 7 x 6 WT. 22 LBS. \$49.95

SIGNAL GENERATOR

SIGNAL GENERATOR USED FOR TESTING THE OPERATION OF RADAR SETS IN THE BAND OF FREQUENCIES FROM 2700-2900 MEGACYCLES PER SECOND. AS A SIGNAL GENERATOR IT MEASURES OR CHECKS THE SENSITIVITY OF THE RADAR RECEIVER AS A R-F WATTMETER IT MEASURES OR CHECKS THE POWER OUTPUT OF THE RADAR TRANSMITTER. SIGNAL GENERATOR MAY BE USED AS PULSED SIGNAL GENERATOR PULSE MODULATED BY AN INTERNAL PULSE GENERATOR; AS A PULSED SIGNAL GENERATOR TRIGGERED BY AN EXTERNAL, POSITIVE-TRIGGER SOURCE; POWER MONITOR AS AN UNCALIBRATED ABSORPTION TYPE FREQUENCY METER. FOR 115V OR 230V 50-1600 CYC OPERATION. SIZE: 9x16x13 WT. 48 LBS. TS-155A/UP 2700-2900 MEGACYCLES \$49.50 TS-155C/UP 2700-3400 MEGACYCLES \$59.50

MICRO PULSER

KAY: MICRO PULSER MODEL 350A. POWER REQUIRED: 115V 60 CPS 100 WATTS PULSE WIDTH: 1/2, 1, 2.5 MICRO SECONDS. PULSE REPETITION RATE: 200-20,000 PPS IN TWO RANGES. PULSE AMP. MAX 50V POS. OR NEG. RISE AND DECAY TIME: LESS THAN +/- 0.15 MICROSECONDS PULSE ATTEN: VAR. 0 TO MAX. SYNC: OUTPUT POS. OR NEG. MAY BE SYNCHRONIZED BY POS. OR NEG. EXTERNAL TRIGGER. WT. 50 LBS \$99.50

RELAY

RELAY 24 vdc SPDT
1 1/2x1 1/2x1
#CWS 571981 \$.35

TELEPHONE TYPE



RELAY 4PST NORMALLY OFF 12
VDC GR204-BC-966A 1 1/2x1 1/2x3 1/2
3380-557180-7435 \$1.00

RELAY 12 VDC MAKE 2, BREAK 1
2 SEPARATE WINDINGS. 3 1/2x1 1/2x1 1/2
4C8691-128 \$.75

RELAY 12 VDC, 2 BREAK, 2 MAK
3 1/2x1 1/2x1 1/2 #4C8691-67 \$1.00

RELAY CONT. ARRANGEMENT IC/IC
RATED AT 50 VDC 1/2 AMP. RES. 500
1000 OHMS. FAST ACTING 4PDT
3x1x2 #4C8400-10 \$.50

RELAY CONT. ARRANGEMENT IC/IC
/IC, 50 VDC 1/2 AMP. RES. 500
OHMS. SLOW RELEASING, 6PDT
5x1x1 #4C8400-79 \$.50

RELAY CONT ARRANGEMENT 2E/1E/
IC. 115 VAC 60 CYC FAST ACT
BREAK 7; MAKE 4. 4x2 1/2x1 1/2
227593-41 \$1.50



RELAY 6v DPDT 1 1/2x1 1/2x1 1/2
41F 500S-SIL \$.50

RELAY 12 vdc, 67 OHMS DPDT
NORMALLY OPEN. REMOVED FROM
EQUIPMENT. 2x3 1/2x1 1/2
SW-182-F \$.50



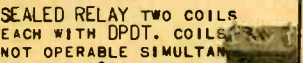
PLATE RELAY 10,000 OHMS.
CONTACTS 115 VAC @ 5 AMPS
1 1/2x1 1/2x1 #R13P-3189 \$1.50

RELAY B-2A, 24 vdc 1 1/2x1 1/2x3 1/2
691R2 \$.50

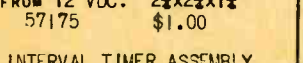


SOLENOID 115V 60 CYC CONTIN
UOUS DUTY. 1 INCH DRAW.
1 1/2x2 1/2x1 1/2
#R17LA-39663 \$1.95

SEALED RELAY TWO COILS
EACH WITH DPDT. COILS
NOT OPERABLE SIMULTAN
EOUSLY. ONE COIL IS
CONTROLLED BY THE CON
TACTS OF THE OTHER. OPERATE
FROM 12 VDC. 2 1/2x2 1/2x1 1/2
57175 \$1.00

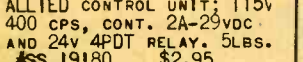


INTERVAL TIMER ASSEMBLY
RELAY TIME DELAY
5 MIN. RESET
DELAY 100 SEC.
MOTOR VOLTAGE
120v 400 cps
CLUTCH VOLTAGE 28 vdc.
ALLIED CONTROL UNIT: 115v
400 cps, CONT. 2A-29vdc
AND 24v 4PDT RELAY. 5LBS.
#SS 19180 \$2.95



CRAMER
TIME DELAY RELAY
METER INDICATOR
TYPE, SHOWS IF
UNIT IS ON OR OFF.
SIZE 3x3x3

#59C48746 2 SEC. \$4.95
#59K48748 20 " 4.95
#59K48747 2 MIN. 4.95
#59K48805 SAME AS ABOVE
ONLY 3 1/2" RD. 3 MIN. \$4.95



SILICON

RECTIFIER

POWER TESTED AT
1 MA MAX. LEAKAGE

1 AMP. (TOP HAT)	
50-200 PIV \$.10
200-400 "	.15
400-600 "	.25
600-800 "	.35
800- "	.45
1000 "	.55

5 AMP. (STUD)	
200-400 PIV	.50
400-600 "	.60
700 "	.70
800 "	.85
1000 "	1.75

INI347 6 AMP. 500
PVI (GOLD) 1.50

35 AMP. (STUD)	
50 V	.75
100 V	1.00
200 V	1.50
300 V	2.00
400 V	2.25
500 V	2.50
600 V	3.00
900 V	4.00

240 AMP 50 V 6.00

SR-151 100 PIV 15 A 1.95

2N722 1.00

RHEOSTAT

OTHER VALUES
IN STOCK
WRITE FOR
YOUR NEEDS

STK #	WATTS	OHMS	PRICE
1050-PL	25	.25	\$.50
30993	25	50	.50
750KK	25	75	.50
13990"	25	100	.50
201KK	25	200	.50
299DC	25	200	.50
25250	25	250	.50
5053-1	25	250	.50
13990-L29"	25	1000	.50
152KK	25	1500	.50
502JJ	25	5000	.50

4582	50	6	.60
41132	50	7.5	.75
353-5049	50	8	.75
8R0KK"	50	8	.60
15822	50	17	.75
5020	50	20	.75
5895(DUAL)	50	20	1.50
489485	50	25	.75
32229	50	60	.75
3155-50-1	50	150	.75
251KK*	50	250	.75
3836	50	250	.75
8852-L8	50	3000	.75
802KK	50	8000	.75

2R0KK	100	2	1.50
3R0KK	100	3	1.50
6416	100	6	1.50
695692-1	100	10	1.50
120KK	100	12	1.50
2469J	100	1100	1.50

1025	150	.25	2.95
1050	150	.50	2.95
697242-3	150	25	2.95
154	150	25	2.95
1075	150	75	2.95
563501	150	125	2.95
351KK	150	350	2.95
235944	150	400	2.95

PLEASE LIST SECOND CHOICE
RHEOSTAT IN DUST-PROOF CAN
SCREW DRIVER ADJUSTMENT.

RECTIFIERS



150 VOLTS 40 AMPS
WITH RADIATORS
SIZE: 2 X 1
#N5089-C \$5.95

COPPER OXIDE RECTIFIER
INPUT 36 VAC 50/60 CYCLE;
OUTPUT, 12.6 VDC 5 AMPS.
SIZE: 2 1/2x2 1/2x10, WT:
STK#3H4845 P/O RA-62/522
PRICE: \$7.95

SELENIUM RECTIFIER; INPUT
54 VAC OUTPUT 27.5 VDC AT
50 AMPS. HALF WAVE.
SIZE: 1 1/2x5x6; WT: 10 LBS.
#TK#3H4860-435 \$12.95

SELENIUM RECTIFIER; FULL
WAVE BRIDGE, RESISTIVE IND.
18v. IN 14v. OUT 2 A. \$2.10
18v. IN 14v. OUT 4 A. 3.60

SELENIUM RECTIFIER; FULL
WAVE BRIDGE, RESISTIVE IND.
36v. IN 28v. OUT 2 A. \$3.00
36v. IN 28v. OUT 4 A. 7.50

SELENIUM RECTIFIER; INPUT
28 VAC 60 CYCLE; OUTPUT 24
VDC 1.5 AMP., ROUND TYPE
SIZE: 4x3 WT: 12 OZ. #RM313
PRICE: \$2.95

SELENIUM RECTIFIER; INPUT
33 VAC 60 CYCLE, OUTPUT 24
VDC AMP. SIZE: 1x3 1/2
STK#3H4859-12 F/TRC-1
PRICE: \$7.95

SILICON RECTIFIER
STACK 2 106 AMP
VOLT MOUNTED.
SIZE 5 1/2x3 1/2x6 1/2
WT 4 LBS
GE# 4JA6011ACIAB1
\$6.95

CIRCUIT BREAKER



115 VOLT 60 CYC
3H900-1.5.1 1 AMP \$1.50
3H900-1.25 1 1/2 " 1.00
62349M6 3 POLE 1 1/2 " 2.50
3H900-3-2 3 " 1.00
3H900-4-7 4.7" .50
P-0111 12 " 1.50

SK3375 DUAL 120-240 VOLTS
30 AMPS. \$1.00

24-30 VOLTS
3H913-5 5 AMPS \$.50
3751K4 10 " .50
AN1513F35* 35 " .75
AN 3160-50L* 50 " .75

AIRCRAFT TYPE CIRCUIT BREAKER
5 AMP AN 3161-P5 \$1.50
10 " AN 3161-P10 .75
15 " AN 3161-P15 .75

METAL STAND
W/RUBBER FEET
BASE 8x11x13
LEGS 13x13x16
2 1/2" HIGH.
ORIGINALLY USED
AS RECORD HOLDER STAND, CAN
BE USED AS BOOK, FLOWER, TV,
RADIO OR WHATEVER YOU CAN
USE IT FOR. WT: 4LB. 75¢

SWIVEL BASE AS
USED ON THE BOTTOM
OF TV SETS, 5"
SQUARE, HAS 2 TURI
STOP THAT CAN BE
REMOVED FOR 360 DEG. ROTAT
ION. 2LBS. 75¢

RECTIFIER
300 VOLTS 40 AMPS WITH
RADIATORS. SIZE: 2x1 SAME
AS TYPE #N5089-C
STK# 9380 \$6.95

APPROACH LIGHT
GRIMES#NAF1024-2
24 V, SPLIT GREEN &
AMBER LENS & CLEAR
3x3x4 1/2; 1 LB. \$.75

TERMINAL
BOARD
PART OF
BD-96
SWITCH-
BOARD. 10 HEAVY DUTY BLACK
BINDING POSTS, SCREW TYPE &
90 SLOTTED HEAD BRASS BINDI
NG POSTS ON BOARD 19 1/2x5 1/2x
WT. 8 LBS. \$1.95

TERMINAL
BOARD
P/O BD-71
SWITCHBOARD. 15 BRASS SCREW
TYPE BINDING POSTS ON INSUL
ATING BOARD 3 1/2x16 3 LBS.
\$1.50

KEY AND PLUG PL-55
KEY OF STEEL CONST
WITH BRASS
CONTACTS.
MANUF. BY
WESTCLOX. 48" CORD WITH
PL-55. ZA/CAN 2320 \$1.95

CJB 260036 NAVY KEY WITH
FIVE FT. CORD
AND PL-55
SIZE 2 1/2x2 1/2x5 1/2
NEW \$2.50

COAXIAL RELAY
UNIT RE-2/ARC-5
WITH 2 1/2" ANTENNA
CURRENT INDICATOR
0-10. ALSO ANTENNA
SWITCHING RELAY AND
50 MHF VACUUM CAPACITOR
5 AMPS. 5 LBS. 3 1/2x4 1/2x6
PRICE RECOND. WITH CAP \$4.95

COAXIAL RELAY
THREE SC-239 COAX
CONNECTORS. WIRED
FOR 24VDC HAS
TAPPED COIL FOR
CHANGING TO 12VDC
SIZE: 3x3x2 WT 1LB
PRICE: \$4.95

RADIOSONDE

RT-35/AM UNIT IS USED TO
FOLLOW A WEATHER BALLOON
BY TRANSMITTING A SIGNAL
ON 675-725 MC WHICH IS
PICKED UP BY RADAR. 90
VOLTS PLATE AND 1 1/2 VOLTS
FILAMENT REQUIRED. WITH
TUBES; 2C35, 4/1L4, SCHE-
MATIC AND INSTRUCTIONS.
LESS B
BATTERY NOT AVAILABLE.
3 1/2x4 1/2x10; WT. 5 LBS \$4.95

TS-446 R.F. INDICATOR, NEOM
BULB IN LIGITE PROBE 1/25
WATT NE-2 BULB, 4 1/2x 1/2 W/CLIP
PRICE: \$1.00

SG-23/U NOISE GENERATOR
PROBE. OPERATES FROM PEN
LIGHT CELL. 6 1/2x 1/2 \$1.95

GENERAL ELECTRIC
EIGHT INCH FAN
AND MOTOR.
COMPLETE ASSEM-
BLY INCLUDING
BRACKET, MOTOR
IS 115v 60 CYC
1550 RPM. WT. 5 LBS.
5x8x10 New \$2.95

DUAL EXHAUST FANS; FOR
19" RACK MOUNTING, 110
V CAPACITOR TYPE MOTOR
6 1/2" BLADES, 3250 RPM
MOTORS MOVE PLENTY AIR
: 12 LBS. USED \$14.95

ANTENNA SWITCHING
UNIT SA-649/USD
CONTINUOUS SWIT-
CHING OF TWO AN-
TENNAS TO A REC-
EIVER AT 600 CPS
USED TO REDUCE
FADING OF SIGNAL
UNIT REQUIRES 26.5VDC. TUBES
INCLUDED 2/68C4; 2/JG-6111
SIZE: 3 1/2x3 1/2x5 1/2 WT. 2LBS.
PRICE: \$3.95

ANTENNA SWITCHING
UNIT RE-2/ARC-5
WITH 2 1/2" ANTENNA
CURRENT INDICATOR
0-10. ALSO ANTENNA
SWITCHING RELAY AND
50 MHF VACUUM CAPACITOR
5 AMPS. 5 LBS. 3 1/2x4 1/2x6
PRICE RECOND. WITH CAP \$4.95

SINGLE BAND
BEAM BALUN
INPUT 75 OHM UN-
BALANCED. OUT-
PUT 100 OHM BAL-
ANCED. UNIT
FOR 10 METERS ONLY. WEATHE
PROOF. 3 1/2x3 1/2x4 WT. 5 LBS.
PRICE NEW \$2.50

ANTENNA SWITCHING
UNIT SA-649/USD
CONTINUOUS SWIT-
CHING OF TWO AN-
TENNAS TO A REC-
EIVER AT 600 CPS
USED TO REDUCE
FADING OF SIGNAL
UNIT REQUIRES 26.5VDC. TUBES
INCLUDED 2/68C4; 2/JG-6111
SIZE: 3 1/2x3 1/2x5 1/2 WT. 2LBS.
PRICE: \$3.95

ANTENNA RELAY
UNIT RE-2/ARC-5
WITH 2 1/2" ANTENNA
CURRENT INDICATOR
0-10. ALSO ANTENNA
SWITCHING RELAY AND
50 MHF VACUUM CAPACITOR
5 AMPS. 5 LBS. 3 1/2x4 1/2x6
PRICE RECOND. WITH CAP \$4.95

COAXIAL RELAY
THREE SC-239 COAX
CONNECTORS. WIRED
FOR 24VDC HAS
TAPPED COIL FOR
CHANGING TO 12VDC
SIZE: 3x3x2 WT 1LB
PRICE: \$4.95

ARC-12 ANTENNA
CHANGEVER RELAY
BNC CONNECTORS FOR
EQUIP. UG-23-UG-21
F/ANT. REGULAP & AUX
ANT. CONN. 24 VDC RE
LAY. W/BNC CABLES.
\$2.75
UG-21 ANTENNA CONN. \$.75

WAVEGUIDE SWITCH
AIRTRON #70960, 24-
29.5 VOLT DC, INSI
WAVEGUIDE 7/8x3/8,
1-5/8 FLG. 2 INPUT
1 OUTPUT.
5 1/2x5x5; 5LB. \$9.95

BC-198 ANTENNA 12V
SWITCHING RELAY
FOR RECEIVER TO
TRANS. PUSH BIND
ING POSTS, PL-77
PLUG. 5x5x1 1/2; 1LB. U. \$1.95

ANTENNA CHARGE-
OVER S.P.D.T. FOR
COAXIAL CABLE
28 VDC ROTARY
ACTUATOR WAFER,
ER, LOW-LOSS
HIGH-POWER.
GENERAL COMM
#2LN180RC-1
NEW \$3.95

SIZE: 4 1/2x3x2 1/2; WT: 1LB.
TYPE "LN" CONN. CUT-OFFS 50¢
AN CONN. 7 CONTACT \$1.00

COAXIAL SWITCH S.P.D.T.
FOR COAXIAL CABLE
28 VDC ROTARY
ACTUATOR WAFER.
USES TYPE "N"
CONNECTOR.
SA-185/U \$5.95

TYPE "N" CONNECTOR CUT-
OFF \$.50
CONNECTOR 3 CONTACT \$1.00

ANTENNA CHARGE-
OVER RELAY. ANTEN
NA INPUT CONN. TO
UG-21. OUTPUT TO
RECEIVER-TRANS.
2/UG-88. 24 VDC.
#409-1005-00 NEW \$3.95

UTILITY BLOWERS

THE BLOWERS LISTED BELOW ARE STANDARD SHADED POLE TYPE AND ARE QUITE RUNNING WITH NO RADIO INTERFERENCE.

50 & 100 CFM BLOWERS

For Heat Boosters, Dryers, Exhausters, Drafts

You can't buy a better blower for forced drafts for warm air heating systems, heat boosters, exhausters, dryers, etc. Lowest priced, best made blowers of their kind.

Single and twin types, 50 and 100 CFM respectively. Sturdy 3" dia. blower wheels are direct driven by 115V, 60 Cy., quiet running Dayton motors. Steel housings are rubber mounted and discharge. Outlet velocity is 2030 ft./min. wire leads. Black finish. Shpg. wt. 5 and 6 lbs.

340 CFM TWIN BLOWER

For Hot & Cold Air Circulation, Exhaust, Etc.

Ideal for air circulation, forced draft, and exhausting jobs requiring more air than possible with single blower. Efficient, dependable and quiet. 4 1/2" dia. balanced wheels powered by 1550 RPM, 115V, 60 Cy. motor with 12" dia. Rubber mounted pressed steel housings with 3 1/2" x 3" outlets. Each outlet has 4 1/2" square flange to facilitate mounting. Outlet velocity is 1960 ft./min. 4 1/2" dia. air intakes. 1 1/2" x 8 1/2" H x 8 1/2" D. Black, baked on enamel. You'll like this blower's performance and the way it is built. Wt. 12 lbs.

for this 275 CFM Dayton Twin Blower. Ideal for air circulation, forced draft, and exhausting jobs requiring more air than possible with single blower. Efficient, dependable and quiet. 4 1/2" dia. balanced wheels powered by 1550 RPM, 115V, 60 Cy. motor with 12" dia. Rubber mounted pressed steel housings with 3 1/2" x 3" outlets. Each outlet has 4 1/2" square flange to facilitate mounting. Outlet velocity is 1960 ft./min. 4 1/2" dia. air intakes. 1 1/2" x 8 1/2" H x 8 1/2" D. Black, baked on enamel. You'll like this blower's performance and the way it is built. Wt. 12 lbs.

15 CFM BLOWER No. 2C782F \$ 8.75
100 CFM BLOWER No. 2C781F \$ 10.95

2C781 100 CFM 115 VOLT 60 CYCLE INTAKE 3" OULET 2-1/8 FL 4-1/8 SIZE 5-13/16 X 6-3/4 X 6-5/16 8NPG. WT. 5 LBS. PRICE: \$10.95

2C782 15 CFM 115 VOLT 60 CYCLE INTAKE 2-7/8 OULET 1 1/2 FLG 2 1/2 SIZE 3-13/16 X 4 W X 3-7/8 8NPG. WT. 2 1/2 LBS. PRICE: \$8.75

108 CFM 'PANCAKE' BLOWER

Compact—Motor is Inside Blower Wheel

Dayton "pancake" moves 108 CFM where in other installations space is limited. Only 4 1/2" wide—because motor has been built inside blower wheel. Fits into 4 1/2" W x 8 1/2" H x 8 1/2" space. Discharge 3 1/2" W x 3" H. Outlet velocity is 1530 ft./min. 4 1/2" dia. squirrel cage blower wheel and air intake. Steel, rubber mounted housing with baked on black enamel finish. 1550 RPM, 115V, 60 Cy. motor with 12" leads. Shpg. wt. 6 lbs.

140 CFM UTILITY BLOWER

For Exhausting, Forced Draft, Cooling, Etc.

Delivers blasts of air \$11.95

Com. pact, 140 CFM single-inlet blower. Top performance for forced draft, ventilating, exhausting, cooling and drying applications. 5 1/2" x 4" mounting flange with 2 1/2" square discharge. Outlet velocity is 3230 ft./min. 3 1/2" dia. blower wheel direct driven by 2800 RPM, 1/15 HP, 115V, 60 Cy. motor with conduit box and 20" leads. 7 1/2" W x 7 1/2" H (less flange) x 8 3/4" D. Order sample and test best 140 CFM utility blower. Wt. 9 lbs.

350 CFM DAYTON BLOWER

4 1/2" Wheel, 1/10 HP, 115 V, 60 Cy. Motor

2C841F \$22.75

Designed for application that require more air than average shaded pole blower provides. Ideal for many exhausting, heating, cooling, drying, circulating, etc. applications. 350 CFM at 60" SP, 3500 ft./min. outlet velocity in free air. 6 1/2" x 2 1/2" W blower wheel is direct driven by 1/10 HP, 1500 RPM, 115V, 60 Cy. rubber 7/8" temp. 12" dia. wire lead. Precision steel housing with 2 1/2" x 3 1/2" mte. flange, 3" dia. discharge. 5 1/2" dia. intake. 11 1/2" H x 7 1/2" W x 10 1/2" D. Baked black finish. Shpg. wt. 13 lbs.

MINE

DETECTOR

SCR-625 Famous ARMY MINE-DETECTOR USED CHECKED LEADS BATTERIES \$27.95

\$32.95 WITH BATTERIES BATTERIES ONLY \$5.95

USED TO DETECT HIDDEN METAL OBJECTS IN THE GROUND OR OTHERWISE HIDDEN UP TO 24 INCHES DEEP DEPENDING ON THE SIZE, AND GROUND CONDITIONS. DETECTION IS NOTED BY A TONE SIGNAL THAT IS FED INTO THE HEAD SET OR SPEAKER UNIT THAT ARE SUPPLIED WITH THE SET SHIPPED IN CARRING CASE WITH INSTRUCTIONS, 75 LBS

CRY BUTTONS REFLECTORS, CAN BE USED TO MAKE SIGNS OR MARKERS. SHINE WHEN LIGHT STRIKES 1" DIA. REQUIRES #10 NUT FOR MTG. NC#15-1 CARD OF 100 \$2.00

FLASHER

SUNBEAM #1567 115 VOLT 60 CY 1/2 MINUTE ON 1/2 MINUTE OFF. 2 OUTPUT RECEPTACLES, LINE CORD, SWITCH, MOTOR ETC. 4 1/2" x 4 1/2" x 3; WT: 3 LBS. \$1.75

SWITCH

HEAVY DUTY 8 CONTACT WITH 6 DIFFERENT COMBINATIONS OF MAKE & BREAK. \$40373, SIZE: 3x4 1/2 x 6; 4 LBS. \$1.50

KNIFE SWITCH

D.P.D.T. 1 1/2 x 2-5/8 LEVITON 9919 PORCELAIN BASE. \$.39 EA. 3 FOR \$1.00

POTENTIOMETER

PRECISION TYPE, WIRE WOUND, 2 SEC 10,000 OHMS EACH 6 W. 3 SOLDER LUGS EA. SEC. SIZE 3x5 1/2 WT: 1 LB. STK#227284-29 \$7.75

TELEPHONE SIGNAL DROP STRIP

AN INCOMING CALL IS INDICATED BY THE FALLING OF A SIGNAL DROP. 6 1/2" x 4 1/2" x 5 LB FTR 711-A \$4.95

RF TUNER CAVITY

TUNING 990-1040 MC. FREQUENCY RANGE. ONE SOLDER EYELET TERMINAL AND COAXIAL CONNECTOR. 8 1/2" x 2 1/2" x 3 1/2" 6 LBS \$3.95

CENTRIFUGAL BLOWER 120

CFM FROM 3400 R.P.M. 115V 60 CYC. CAPACITOR TYPE MOTOR WHICH REQUIRES 4MFD CAP. WT. 9 LBS. SIZE: 9 1/2" x 5 1/2" x 6 1/2" \$10.95

ELECTRIC LOCK

CONTROL SWITCH HEAVY DUTY TWO POLE SWITCH CONTROLLED BY YALE LOCK. 4 1/2" x 4 1/2" x 3 1/2"; 3 LB. #8986 \$3.95

MATCHING LOCKSET FOR ABOVE #8-857 \$1.95 WT: 1 LB. \$2.25 P/O RA-60 POWER SUPPLY

PPI RADAR SYNCHRONIZER

OFFSET CHASSIS ASSY WITH TUBES 2/6A76 1/6100, 1/6096, 1/6101, CERAMIC SOCKETS, 5 TEST PIN JAC PRECISION RES., COND. TRANS, SIZE 7 1/2" x 5 1/2" x 3; 5 LBS. \$1.50 STK. No. 1013

WX-303A MAGAZINE

FOR WIRE RECORDERS ANQ-1A, VRW-1 ETC. W/WIRE ON SPOOLS, MAGNETIZING HEAD, TIMERS, SWITCHES ETC. SIZE: 8x4x3; 5 LBS. RE-NEW \$1.95

ELECTRICAL CIRCUIT TESTER

PLASTIC UNIT CONTAINING 3 ROWS OF LIGHT BULBS. 3 IN EACH ROW, WITH PLASTIC WINDOWS ON BOTH SIDES, 2, 4, 6 ONE SIDE 1, 3, 5 OTHER, SEPARATE LEADS FOR EACH ROW, CABLE 3 1/2" LG. WITH ALLIGATOR CLIP SIZE 7x3 1/2 x 1; WT: 1 LB. BAYNET TYPE BULBS 24 V. MX-241/ PRICE: \$.75

CONTROL PANEL W/ SPST TOGGLE SWITCH

MIC. JACK, INDICATOR & 6' 8 COND. CABLE. AVT-15CB \$1.50

BC-610 OSCILLATOR

PLUG IN UNITS FOR 500 WATT TRANSMITTER WILL MAKE GOOD FOUNDATION FOR A 25-40 WATT TRANSMITTER. CONTAINS VAR. CAPACITORS, COILS KNOBS, CRYSTAL SOCK. SWITCH ETC. (ALL UNITS ARE USED AND HAVE CRACKED INSULATION ON THE PLUG IN PIN

TU# FREQ. MC. TU# FREQ. MC.

47	2.0-2.5	48	2.5-3.0
49	3.2-4.0	50	4.0-5.0
51	5.0-6.3	53	8.0-12.0
62	1.0-1.5		

SIZE: 2x8 1/2 x 4 1/2; 2 1/2 LBS. \$1.75

COILS PLUG IN

AIR TYPE 5 BANANA PINS. 1 1/2" x 4 1/2"; 1 LB. \$1.95

FOR BC-610 C# FREQ. MC. C# FREQ. MC.

389	4.5-5.7	447	8.0-11.0
448	11.0-14.0	455	1.0-1.5
FOR T-4/FRC	C-14	7.1-9.0	
	C-2	5.1-7.1	

COMMAND RECEIVER

VARIABLE 3 TO 6 MC. 3 GANG WITH TRIMMERS & DIAL ASSY. 147 MMF. # 4601 4x3x3; WT: 1 LB. \$1.95

ALLIGATOR CLIP WITH SCREW CABLE HOLDER

& PINCH SPIKE AT JAWS. 2 INCHES LONG. 6 FOR \$.50

GLOBE INDUSTRIES

TYPE A PHOTO-CELL ASSY. BATT. OPERATED. W/ 921 PHOTO-CELL TUBE & IS4, SENSITIVITY ADJUSTMENT, RELAY, SWITCH, OUTLET ETC. SIZE: 3x4x5; WT: 2 LBS. PRICE: USED \$2.50

IMMERSION HEATER

24 VOLT AC/DC, 50 WATTS 2 GAL. LON, 3" PRESS CAP, 4 1/2" SCREW CONE, 5 FT. CORD. HEATING SHAFT 12". WT: 4 1/2 LBS LFC#EA8801. PRICE: \$1.50

PHOTO-CELL LIGHT RESISTANCE TYPE

1000 OHM, 1/2" SQUARE. #5169A USED \$1.00

METSSNER COIL KIT

FOR SIGNAL SHIFTERS. PLUG-IN TYPES, 3 COIL OSC. PLATE, OSC. GRID & BUFFER COILS. EACH SET OF 3 \$1.00 ALL 3 SETS... 2.50 A-18-2951 2040 TO 2410 KC. 3C368-14 1000 TO 1170 KC. 3C250L-17 400 METER BAND.

ARGUS AUTOMATIC TIMER

No. 586 12 STOPS, 5-60 SECONDS, AUTOMATIC HOLD OR. REJECT ON ANY PRE-SELECTED STOP. MADE FOR SLIDE PROJECTORS CAN BE ADAPTED TO OTHER USES. 2 1/2" x 3 1/2" x 2 1/2; 2 LB \$2.95

MASTER OSCILLATOR TUNING CAPACITOR

FOR COMMAND TRANS. SINGLE ENDED SHAFT AND WORM GEAR DRIVE 32 PLATES STK# 206397A/C6 PT#C-63/5032 4x2 1/2 x 2 1/2 \$1.50

BC-221 FREQUENCY METER OSCILLATOR TUNING CAPACITOR

11.5-160 F. PYREX GLASS INSULATORS. DRIVEN THROUGH 360 BY WORM GEAR. WITH DIAL. 3x3 1/2 x 5 1/2 LBS. \$4.95

T-67/ARC-3 C129 POWER AMPLIFIER

PLATE TUNING 4-17 MMF, 2500 V. .0243 AIR GAP. SHAFT 13/16 x .31; 1/7/8x2 1/2 \$1.50

BC-624/522 RECEIVER

3 GANG 6-36 MMF EACH SECTION WITH SLUG TUNED TRIM. SHAFTS 1/16 STK#3D9036V SIZE 4 1/2" x 2 1/2" x 3 1/2; 1 LB. \$1.50

351-1013 3.5 TO 27 MMF, 13 PLATE

SIZE 1-5/8 x 1-5/8 x 1-5/16, SHAFT 1 1/2 x 3/16, \$.75

TCS VARIABLE CAPACITOR

2 SECTIONS 10-280 MMF 1 SECTION 10-360 MMF, 4" 3 BAND DIAL CALIBRATED 1.5-3 MC 3-6 MC & 6-12 MC. WITH GEAR ASSY & LOCK. SIZE 7x3x3 1/2; WT: 5 LBS. #W-881 PRICE: NEW \$3.95

CAPACITORS

VARIABLE CAPACITOR 5 SECTION 20-402 MMF EA. SECTION. WITH GEAR TR. AND SPLINED SHAFT, STRAIGHT \$1.95 9 1/2" x 4 1/2" x 3; 4 LBS. #C-ARN-6 \$3.95

BC-348 C&S VARIABLE CAPACITOR, 4 SECTION

16 TO 241 MMF, WITH GEAR & COMP. 6 1/2" x 2 1/2" x 3 1/2; 2 1/2 LBS. #3D9016V-1 PRICE: \$1.50

BUD 40 METER TRANSMITTING COIL MOUNTED ON 5 PIN CERAMIC BASE, 18 TURNS 1 1/2" DIA.

#3C804 \$.75

BC-924 TRANSMITTER COIL

SLUG TUNED COIL 27 TO 38 MC. WITH ADJUSTING DIAL & TUNING SCALE MOUNTED ON CAST BASE. SIZE 8x1 1/2 x 1 1/2, 1 LB. PRICE: \$1.00

HAMMAR-LIND MFG #F1-475

PRICE: \$7.95

TRANSMITTER VARIABLE CAP.

42 TO 420 MFD, 3200 VOLTS. 52 PLATES, 3/32 SPACING. SIZE 8 1/2" x 2 1/2" x 4 3/8 LBS.

TRANSMITTER VARIABLE CAP.

42-420 MFD, 2000 VDC, 40 PLATES 1/16 SPACING. SIZE: 6x2 1/2 x 4 1/2; 2 1/2 LB. GE#7765659-P1 PRICE: \$5.95

20 TO 156 MMF 31 PLATES; SIZE 4x2x3

SHAFT 3/8 GE#77660443-6 PRICE: \$1.95

22 TO 118 MMF 31 PLATES

SIZE: 4 1/2" x 2 1/2" x 3 1/2 SHAFT 3/8 GE#7463006-1 PRICE: \$1.95

6 TO 146 MMF 37 PLATES

SIZE: 1-5/16 x 15/16 x 1 1/2; SHAFT 7/32 x 7/8 #3D9140V-7 PRICE: \$.69

50 MMF VARIABLE 7 PLATE

3/8" x 1/2" SHAFT, MTG. BRK. #351-1037 \$.79

PA TUNING CAPACITOR FOR COMMAND TRANSMITTERS WITH GEAR TRAIN & DOUBLE END SHFT

SIZE 4x2 1/2 x 3. STK#206397A/C8 PT#C-65/7321 PRICE: \$1.50

VARIABLE CAPACITOR 7 SECTIONS

1/80, 4/100 & 2/200, DRUM DIAL. 1 1/2" x 1 1/2" x 3; 5 LBS. #CA-325/BC-223 \$2.95

BC-624 R.F. TUNER ASSY. AM WITH VARIABLE CONDENSERS, COILS, SOCKETS OSCILLATOR SECTION COUPLINGS ETC. FREQ. 100 TO 156 MC.

SIZE: 5x5x5; WT: 8 LBS. #22K1150 USED \$3.95

MINIMUM ORDER \$3.00

WAVE GUIDES

STRAIGHT COUPLING WG 3/8x7/8 FL. 1-5/8x1-5/8 LENGTH 1" GOLD FLASHED #13878 BR. \$4.50

UG-138 STR. COUP. WG. 3/8x1, FL. 1-7/8x1-7/8 LENGTH 2" CAST ALLOY #24810 \$3.50

WAVELINE 90 DEG. 2x1x1/2 WG. 3/8x7/8, FL. 1-5/8x1-5/8, BR. SILVER PL. TYPE 632 \$4.50

FLEXIBLE 90 DEG. 2x1x1/2 COUPLING WG 3/8 x 1-1/8 TO 3/8 x 7/8, FL. 1-7/8x17/8 & 1-5/8x1-5/8, BRASS RLB. COV. SILVER PL. #34845 \$3.50

FLEXIBLE WAVEGUIDE X BAND 7000-10,000 MC FL 1-5/8x1-5/8 WG 3/8x7/8 18" #CBHF30615 \$3.00

SAME AS ABOVE 24" LG. 5" OFFSET #30976 2.75

" " 96" LG. STRAIGHT #34174 8.00

FLANGE 3/8" RD. WG 1x1x1/2 7 FT. NST. 39739 7.50

(ABOVE WG LARGE APPROX 4000MC)

FLANGE 1x1x1/2; WG 3/8x1 8" LG S SHAPE16-0011 2.25

APS-4 RADAR ANTENNA 3 CM P/O APS-4 RADAR SET, REFLECTOR SIZE 13x15, WAVE GUIDE 1/2x1-1/8, OPERATES FROM 24 VDC MOTOR FOR SCANNING AZIMUTH, ALSO POSITION TRANSMITTER. WT; 26 LBS. USED \$14.95

RADIATING STUB FOR PARABOLIC ANTENNA 11x11" LONG FOR WAVE GUIDE 3/8x7/8. #7628350 PRICE: USED \$4.95

SYNCHRO GENERATOR GEAR TRAIN WITH 2 SPERRY SYNCHRO GENERATORS #R5663642 CONNECTED TO GEAR TRAIN ARRANGEMENT OF APP. 25 GEARS & BEARINGS OF VARIOUS SIZES, 4 MICRO-SWITCHES ETC. #703573/83; SIZE: 9x8x5; WT: 7 LBS. \$5.95

I-196 SIGNAL GENERATOR 160 TO 220 MC USED TO CHECK LF & HF BANDS OF IFF SETS. DRY BATTERY OPERATION USES ONE 957 ACORN TUBE VARIABLE FREQ. & TONE CONTROL, PILOT LIGHT, ON/OFF SW. ETC. HOUSED IN WOOD CASE WITH CANVAS COVER. SIZE: 8x8x14; WT: 10 LBS. REQUIRES 1.5 & 135 VDC. NEW \$2.95

READOUT BOARD

READOUT BOARD, USES 30 110 VOLT NEON BULBS WITH 3/16" DISPLAY EACH ONE NUMBERED. SLIDE TYPE CONNECTORS & 30 RESISTORS MOUNTED ON BOARD 5 X 11 INCHES. WT: 1 LB. PRICE: \$1.95 EA. 3 FOR \$5.00

10-169/APN-12 RADAR OSCILLOSCOPE USED WITH VARIOUS TYPES OF RADAR IDENTIFICATION SETS FOR INDICATING INCOMING SIGNALS. (CAN BE CONVERTED TO MONITORING OR TEST USE) HAS VERTICAL, HORIZONTAL, FOCUS, SWEEP & INTENSITY CONTROL ANTENNA SWITCHING MOTOR OPERATES FROM 24 VDC AND REQUIRES UG-88 CONNECTORS. WITH TUBES 5/12AU7, 3/5726, 1/6AS6, 1/6AQ5, 1/6X4 & 1/3J1. OPERATES FROM 115 VOLT 400 CYCLE (NOT 60 CYCLE) SIZE: 9x9x16; WT: 30 LBS. USED \$9.95

PPI RANGE INDICATOR FOR I-9 TRACKER RADAR SET AN/GPG-1. OPERATES FROM 115 VOLT 60 CYCLE WITH TUBES, 13/6J6, 2/12AH7, 1/6AG5, 1/6AR6, 1/6AG7, 2/6C4, 1/12AU7, 1/3DP1, 1/5ADP7 & 2/3829 ALL FOCUSING CONTROLS ON FRONT PANEL, CHASSIS ONLY, NO COVER. SIZE: 13x11x24; WT: 80 LBS. PRICE: REMOVED FROM EQUIPMENT \$24.95

RADAR FREQUENCY AMP.

R-9 RADAR FREQUENCY AMP. USED TO INCREASE OUTPUT OF TEST EQUIPMENT IN 2750-2950 MC RANGE. POWER APPROX. 6 WATTS FROM 2C40 TUBE. CONTROLS FOR POWER AND FREQUENCY. COMPLETE WITH TUBES 2C40; 6AN5; 5687; 12AT7; 2X2; 2/0A2; 0B2; 2/5Y3; 5EQ6; SIZE: 10x17x20. WT. 43 LBS. PRICE: \$19.95



GYRO INTEGRATING HIG UNIT MFG. BY HUGHES AIRCRAFT PART NO. 420 -57-0013, CONTROL RATE OF TURN. SIZE 23x5 1/2; WT: 3 LBS. USED \$4.95

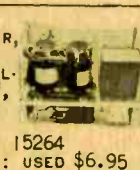


DEFLECTION PREDICTION SERVO ARMA #93600. CONSISTS OF FOUR RESOLVERS #93170, PRECISION POT. CONTROL MOUNTED ON GEAR TRAIN ASSY WITH INDICATOR DIAL SIZE: 6x3x4; WT: 4 LBS. PRICE: USED \$4.95

AZIMUTH LINE OF SIGHT SERVO ARMA #2-00003-239. CONSISTS OF RESOLVER 93170, INDUCTION GENERATOR 2-00003-903, SERVO MOTOR BM-1541A, PRECISION POT. MOUNTED ON CHASSIS WITH GEAR TRAIN ASSY. SIZE 6x4x4 1/2; WT: 5 LBS. \$4.95



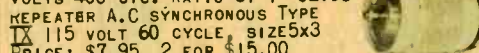
P OR R ELEVATION COMPUTER ASSY; CONSISTS OF TWO SYNCHRO RESOLVER, KETAY #D-13810-1 0-100V 350 CPS, #D-13350-1 0-10 V. 400 CPS, KOLLSMAN INDUCTION MOTOR #1515J-0430, WE MAGNETIC AMP. GA-52140, FOUR TUBES IN SEALED CIRCUITRY, A&B CONTROLS, TEST JACKS ETC. STK. # 15264 SIZE: 11x7x6; WT: 12 LBS. PRICE: USED \$6.95



GE SELSYN GENERATOR NO. 2J1FAT 115/57.5 V. 400 CYC. \$2.95

GE TANDEM SELSYN CONTROL TRAN- FORMER NO. 2JB15K1, 57.5-57.5 VOLTS 400 CYC. RATIO 31-1 \$2.95

REPEATER A.C SYNCHROUS TYPE TX 115 VOLT 60 CYCLE, SIZE 5x3 PRICE: \$7.95 2 FOR \$15.00



RECEIVER TORQUE SYNCHRO 23TR4 115/90 VAC 400 CYCLE, TWO UNITS MOUNTED ON FRAME WITH NUMBERED DIALS 0-100 & 0-1000, SYNCHRO SIZE 4x2x2 PRICE USED \$15.00



23TR4 RECEIVER 115/90 V. 400 CYC. USED \$7.95

23TX4 TRANSMIT 115 V. 400 " " 7.95

23CT4 CON. TRANS. 115 V. 400 " " 7.95

23RS4A RESOLVER 90/90 V. 400 " " 7.95

23CX6 TRANSMIT 115/90 V. 60 CYC. NEW 10.00

23CX6 " " " " " USED 7.00

23CT6 TRANSFOR 90/1V PER DEG 60CY " 7.00

23TR6 RECEIVER 115 V. 60 CYC. " 15.00

DAYSTROM TRANSICOIL CONTROL MOTOR 115 VOLT 60 CYCLE, 1 PHASE, 2 PHASE 200 VOLT CT., 3200 RPM. SIZE 2 1/2 x 2, SHAFT SIZE 1/16 x 1/2 WITH GEAR. (REMOVED FROM NEW EQUIP.) PRICE: \$5.00

SYNCHROSCOPE



OS-29/UPM-4A PRECISION SYNCHROSCOPE EMPLOYING A THREE INCH CATHODE RAY TUBE. THE SWEEP OF THE CATHODE RAY TUBE CAN BE TRIGGERED EXTERNALLY OR INTERNALLY AND CAN BE DELAYED EITHER TRIGGER. THE SWEEP DURATION AND, WHEN INTERNALLY TRIGGERED, THE SWEEP FREQUENCY CAN BE CONTROLLED. THE INPUT SENSITIVITY OF THE VIDEO AMPLIFIER CAN BE VARIED IN SIX STEPS FROM 0.2 TO 20 VOLTS PER INCH OF VERTICAL DEFLECTION. THE UNIT CONTAINS HIGH VOLTAGE POWER SUPPLY, BUT REQUIRES THE FOLLOWING VOLTAGES FOR OPERATION 300V, -27V, 425V, 105V. NORMALLY SUPPLIED BY POWER SUPPLY PP-802/UPM-4A, NOT AVAILABLE. SIZE: 22x19x10. WT. 50 LBS. OS-29/UPM-4A ONLY, RENEW. \$39.50

TS-28/UPN OSCILLOSCOPE; SYNCHROSCOPE TESTING 5" SCREEN, INCL SWEEP CIRCUITS MODIFIED FROM USUAL TYPES TO PROVIDE MARKER AND TRIGGER PULSES, SWEEP FREQ RANGE 20 TO 3000 CYC. 5 MC. VIDEO AMP. SWEEP, INPUT IMPED. 40 MMF LOAD. OPERATES FROM 115 VOLT 50/70 CYC SIZE 18x21x22; WT: 85 LBS. USED \$50.00



AUTOMATIC PILOT COMPONENT; GYRO DIRECTIONAL STABILIZER UNIT FOR "M" SERIES BOMBSIGHT AND E-6 AUTOPILOT. OPERATES FROM 24-28 VOLTS D.C. SIZE 17x12x12; WT: 50 LBS. PRICE: USED \$22.95

SYNCHRO SELSYNS



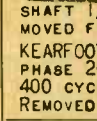
SYNCHRO GENERATOR SPERRY PT#R5663642 MFG. BY BENDIX FOR IBM. SIMILAR TO BENDIX OPERATES FROM 26 VOLTS 400 CYCLE SINGLE PHASE WHEN USED IN CONJUNCTION WITH BENDIX # AY-201 SYNCHRO CONTROL TRANSFORMERS IT WILL OPERATE UP TO 20 UNITS. WILL ALSO OPERATE FROM 6 VOLT 60 CY. WITH A SLIGHT LOSS. SIZE: 2 1/2 x 2 1/2; SHAFT 1/16 x 1/2; WT: 12 CZ. PRICE: NEW \$2.95 2 FOR \$5.00



AY-201 SYNCHRO CONTROL TRANSFORMER MFG. BY BENDIX, ROTOR 1 PHASE 26 VOLT 400 CYCLE, STATOR 3 PHASE 11.8 VOLTS. SIZE: 1 1/2 x 1 1/2 SHAFT 1/16; WT: 3 OZ. CONDITION REMOVED FROM EQUIPMENT. PRICE: \$1.95 EACH 3 FOR \$5.00



KEARFOOT R-200 SYNCHRO CONTROL TRANSFORMER. ROTOR 26 VOLT 1 PHASE 400 CYCLE, STATOR 11.8 VOLT 3 PHASE. SIZE: 1x1-3/4, SHAFT 1/16 x 1/2; WT: 3 OZ. CONDITION REMOVED FROM EQUIPMENT. PRICE: \$2.95 EACH



KEARFOOT SYNCHRO RESOLVER R-235, ROTOR 2 PHASE 26 VOLTS, STATOR 2 PHASE 11.8 VOLTS 400 CYCLE. SIZE: 1x1-3/4; SHAFT 1/16x1/2; 3oz. REMOVED FROM EQUIPMENT. PRICE: \$2.95

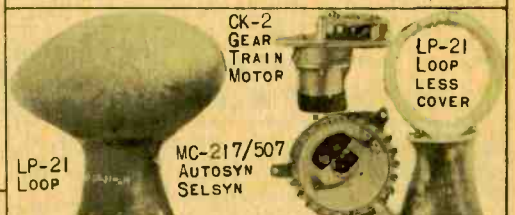


SELSYN CONTROL TRANSFORMER #2J1G1, 57.5-57.5 V 400 CYCLE (WILL OPERATE FROM 36 V 60 CY SEE WIRING DIAGRAM NEXT PAGE) SIZE: 2 1/2 x 4 1/2; WT: 1 LBS. USED PRICE WITH CAPS \$4.95

SELSYN SYNCHRO

NAVY TYPE SYNCHRO GENERATOR 5G MK1, MOD. 5; 115/90 V. 60 CYCLE. CAN BE USED FOR DIRECTIONAL CONTROL TO A REMOTE POSITION IN PAIRS AS TRANSMITTER & RECEIVER. EACH UNIT WILL FOLLOW OTHER UNIT IN DIRECTION AND SPEED OF ROTATION.

HEAVY DUTY GEAR TRAIN WITH SELSYN/SYNCHRO AS ILLUSTRATED, SIZE 10x8x5, WT: 12 LBS. \$7.95 SELSYN/SYNCHRO ONLY 6x4x4 WT: 5 " 5.95 GEAR TRAIN ONLY 10x3x5 WT: 7 " \$1.50



LP-21LM LOOP ANTENNA AS USED ON AIRCRAFT WITH RADIO COMPASS RECEIVERS FOR USE IN THE 200 TO 1750 KC. COMPLETE LOOP ILLUSTRATED TO THE LEFT. ILLUSTRATION TO THE RIGHT IS WITH HOUSING REMOVED AND IN THE CENTER ARE ILLUSTRATED THE GEAR TRAIN MOTOR, REVERSIBLE CK-2 AND AUTOSYN SELSYN MC-217/MC-507 WHICH ARE INSIDE THE BOTTOM HOUSING ALSO CONTAINED THEREIN IS A SLIP RING ASSY. MOTORS OPERATE FROM 26 VOLT 400 CYCLE BUT CAN BE OPERATED FROM 60 CYCLE AS SHOWN IN WIRING DIAGRAM BELOW. SIZE: OVERALL 20x16x10, WT: 12 LBS. COND. USED. LP-21-LM LOOP COMPLETE WITH HOUSING \$9.95 LP-21-LM " " LESS " 6.95 CK-2 GEAR TRAIN MOTOR ONLY 4.95 MC-217/MC-507 AUTOSYN SELSYN 3.95 PL-112 PLUG TO FIT LOOP 9 CONTACT 2.50 PL-108 PLUG " " " 4 " 1.50

LP-21 LOOP LP-21/507 AUTOSYN SELSYN



1-82A 5" INDICATOR 1-81A 3" INDICATOR

1-82A INDICATOR 5" ILLUSTRATED TO LEFT ABOVE 0-360 DEGREE SCALE CONTAINS A MATCHING AUTOSYN MOTOR TO BE USED WITH THE LP-21LM LOOP. OPERATES FROM 26 V 400 CYC. (60CYC SEE BELOW) 1-81A INDICATOR 3" ILLUSTRATED TO RIGHT ABOVE 0-36 DEGREE SCALE CONTAINS A MATCHING AUTOSYN THAT WAS USED WITH THE LP-21LM LOOP. OPERATES FROM 26V 400 CYC. (60 CYC. SEE BELOW) 1-82A INDICATOR 5" USED \$7.95 1-81A INDICATOR 3" USED \$3.95 RENEW \$4.95 PL-118 CONNECTOR PLUG FOR INDICATORS 2.50EA



- GENERATOR (ANGLE TRANSMISSION) ROTOR 2 PHASE 24 VOLT, STATOR 2 PHASE 20.6 VOLT 400 CYCLE. PART #BG-15-DS-10; SIZE 1 1/2x2 1/2 (CLIFTON) \$2.95
- GENERATOR INDUCTION, 24 VOLT 400 CYCLE EASTERN AIR DEVICES #J2GM07-40 \$2.95
- TRANSMISSION GENERATOR MFG. ARMA, TYPE 03TG-400X1, DWG #93054 \$2.95
- AUTOSYN RESOLVERS
- AY221S-3-B 400 CYCLE, ROTOR 2 PHASE 26 VOLT, STATOR 2 PHASE .11.8 V. BENDIX 1.95
- AY-123D BENDIX SAME SPECS AS ABOVE 1.95
- SERVO CONTROL MOTOR MFG. BY OSTER, 115 V. 400 CYCLE NO LOAD SPEED 5000 RPM. TORQUE 1.45 OZ. IN. \$2.95
- RESOLVER MFG. BY CLIFTON PART #BSC-15DS ROTOR 2 PHASE 0.5-16 VOLT, STATOR 0.5-16 VOLT 400 CYCLE. \$2.95
- RESOLVER TRANSMISSION GENERATOR, JOHN OSTER TYPE 15-4042-06, DWG. #C45 \$2.95
- RESOLVER MFG. BY ARMA, TYPE 03X1-400 DWG. #93001. \$2.95
- RESOLVER MFG. BY OSTER TYPE 15-4042-04 \$2.95
- AUTOSYN DIFFERENTIAL
- AY-165-A3 400 cyc, 3 phase 11.8-3 phase 1 - 1 RATIO. BENDIX 1.95
- AY-232S-3B BENDIX SAME SPEC. AS ABOVE 1.95
- AY-231S-3B " " " " " " 1.95

WIND DIRECTION INDICATOR

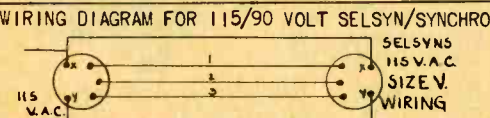
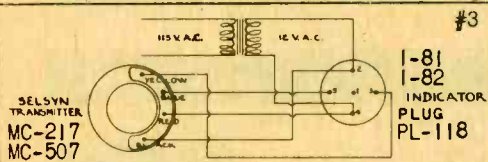


- TO MAKE AN ELECTRIC WIND DIRECTION INDICATOR YOU WILL REQUIRE THE FOLLOWING PARTS AND USE WIRING DIAGRAM #3.
- MC-507 SELSYN/AUTOSYN TRANSMITTER USED \$3.95
 - 1-81A Indicator 3" USED \$3.95
 - 1-82A Indicator 5" USED \$7.95
 - FAIR #2468 TRANSFORMER 12 VOLT. 1.95
 - PL-118 PLUG FOR 1-81A INDICATOR (OPTIONAL) 2.50
 - FOUR WIRE CABLE PER FOOT .04

FROM THE TOP OF THE MC-507 REMOVE THE SPRING SPRING TENSION POST, AND DIAL POINTER. LOOSEN THE 24 COMPENSATING SCREWS, AROUND THE HOUSING JUST BELOW THE SCALE, ENOUGH SO THAT THE DISK THAT IS ON THE SHAFT ROTATES FREELY. YOU CAN MAKE ANY TYPE VANE YOU DESIRE KEEPING IN MIND THAT THE LIGHTER IT IS THE EASIER IT WILL TURN AND GIVE A TRUER INDICATION. THE STEM CAN BE OF PLEXIGLASS OR ANY OTHER LIGHT MATERIAL. DRILL A HOLE IN THE STEM THE SIZE OF THE MOTOR ROTOR/SHAFT SO THAT IT WILL FIT TIGHTLY OR USE ANY OTHER COUPLING DEVICE, MOUNT THE VANE ON THE TOP OF THE STEM, LOCATE THE MOTOR WITH THE MOUNTED VANE WHERE YOU WANT IT, (MOTOR SHOULD BE WATERPROOFED) WIRE UP THE MOTOR, TRANSFORMER, SWITCH AND INDICATOR AS SHOWN IN DIAGRAM #3, TURN THE SWITCH ON, TURN THE VANE UNTIL THE INDICATOR POINTS TO ZERO, THEN ADJUST THE POSITION OF THE VANE ON THE MOTOR SO THAT IT POINTS NORTH. YOUR WIND DIRECTION INDICATOR SHOULD NOW BE READY TO OPERATE.

REMOTE INDICATOR

THE SELSYN TRANSMITTER MC-507 AND INDICATORS 1-81 AND 1-82 CAN BE USED TO INDICATE POSITION OF ALL TYPES ROTATABLE RADIO ANTENNAS TO A REMOTE POINT. SUITABLE GEAR ARRANGEMENT MUST BE MADE TO THE SELSYN TRANSMITTER AND THIS IN TURN ADJUSTED SO THAT THE ANTENNA IS IN LINE WITH THE INDICATOR. WITH PROPER ALIGNMENT, WHEN THE ANTENNA IS TURNED TRUE INDICATION WILL SHOW ON YOUR INDICATORS SEE SCHEMATIC #3



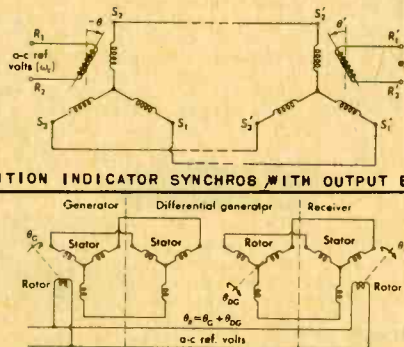
THE FOLLOWING EXPLANATION IS THE BASIC PRINCIPAL OF OPERATION OF THE SYNCHRO, SELSYN, AND AUTOSYNS.

THESE MOTORS ARE SPECIALLY DESIGNED HAVING A ROTOR/SHAFT THAT WILL ALWAYS ASSUME THE SAME POSITION AS ON A ROTOR/SHAFT OF THE SAME TYPE MOTOR THAT HAS BEEN ELECTRICALLY CONNECTED TOGETHER EVEN THOUGH THE UNITS ARE LOCATED SOME DISTANCE FROM EACH OTHER. THE MOST IMPORTANT FEATURE ABOUT THESE MOTORS IS THAT THE SHAFT/ROTOR DOES NOT TURN CONTINUOUSLY EVEN THOUGH THEY ARE ENERGIZED BUT THE ROTOR/SHAFTS REMAIN MOTIONLESS UNTIL ONE OR THE ROTOR/SHAFTS IS MOVED BY SOME EXTERNAL FORCE IN WHICH CASE BOTH ROTOR/SHAFTS WILL MOVE AT THE SAME TIME, AT THE SAME RATE AND STOP AT THE SAME TIME, IN THE SAME DEGREE OF ROTATION AS THE ROTOR/SHAFT THAT HAS HAD THE EXTERNAL FORCE APPLIED TO IT.

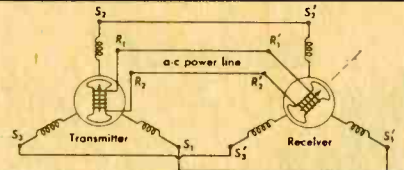
USED CHIEFLY FOR OBTAINING A REMOTE INDICATION OF POSITION OF SOMETHING OR REMOTE CONTROL OF A POSITIONER.

SYNCHRO: A TYPE OF WOUND-ROTOR AC MOTOR USED FOR REPEATING ANGULAR MOTION BOTH AS TO TOTAL ANGLE AND SPEED. THE NAME SELSYN IS USED SYNONYMOUSLY WITH SYNCHRO. SYNCHRO GENERATOR: A SYNCHRO WHICH HAS AN ELECTRICAL OUTPUT PROPORTIONAL TO THE ANGULAR POSITION OF ITS ROTOR. SYNCHRO CONTROL TRANSFORMERS: A SYNCHRO IN WHICH THE ELECTRICAL OUTPUT OF THE ROTOR IS DEPENDENT ON BOTH THE SHAFT POSITION AND THE ELECTRICAL INPUT OF THE STATOR. SYNCHRO DIFFERENTIAL GENERATOR: THE SYNCHRO UNIT WHICH RECEIVES AT 1ST PRIMARY TERMINALS AN ORDER FROM A SYNCHRO GENERATOR, MODIFIES THIS ORDER MECHANICALLY BY ANY DESIRED AMOUNT BY THE ANGULAR POSITION OF THE ROTOR AND TRANSMITS THE MODIFIED ORDER FROM ITS SECONDARY TERMINALS TO THE OTHER SYNCHRO UNITS. RESOLVER: AN ELECTROMECHANICAL UNIT, SIMILAR TO A SYNCHRO, USED TO RESOLVE INCOMING VOLTAGE INTO THEIR SINE AND COSINE COMPONENTS AS REFERRED TO ANGLE OF SHAFT ROTATION. RESOLVERS MAY BE SUPPLIED WITH TWO ROTOR WINDINGS FOR RESOLUTION OF THE SINE AND COSINE COMPONENTS OF THE VECTOR SUM OF TWO QUADRATURE INPUTS.

POSITION INDICATOR SYNCHROS WITH OUTPUT ERROR

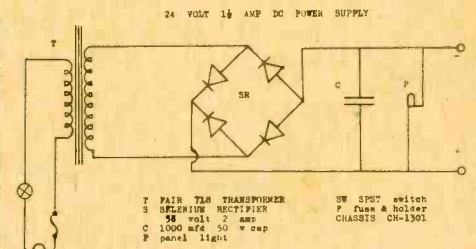
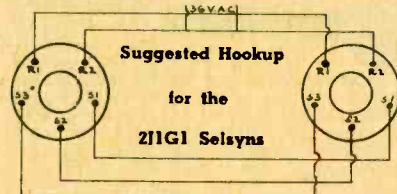


DIFFERENTIAL GENERATOR, TORQUE SYNCHRO SYSTEM

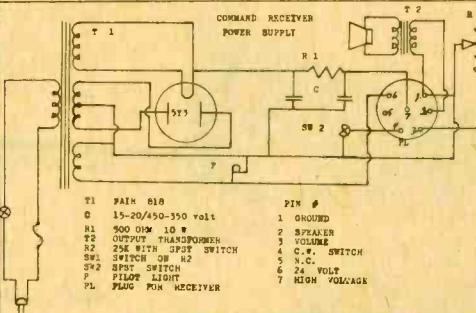


SYNCHROS USED AS POSITION INDICATORS OR TO TRANSMIT TORQUE. BASIC SYSTEM FOR GENERAL INDICATOR USE.

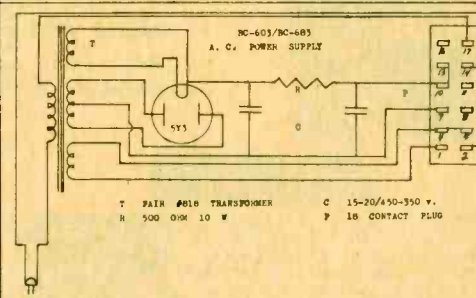
WIRING DIAGRAM FOR 2J1F1 OR 2J1G1 SELSYNS FOR OPERATION FROM 36 VOLT 60 CYCLE.



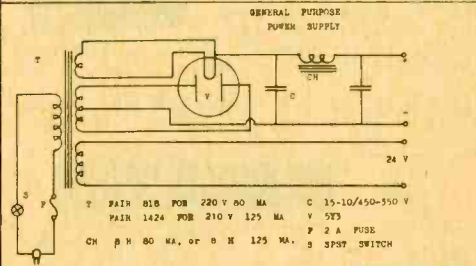
See page 20 for power supplies, kits and wired



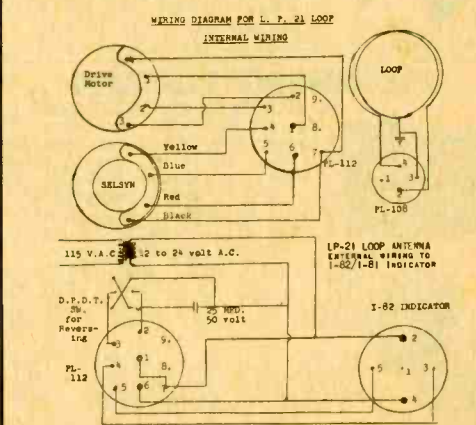
See page 20 for power supplies, kits and wired



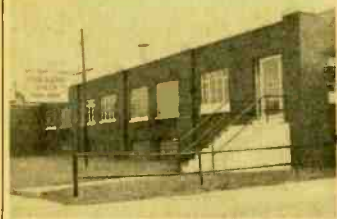
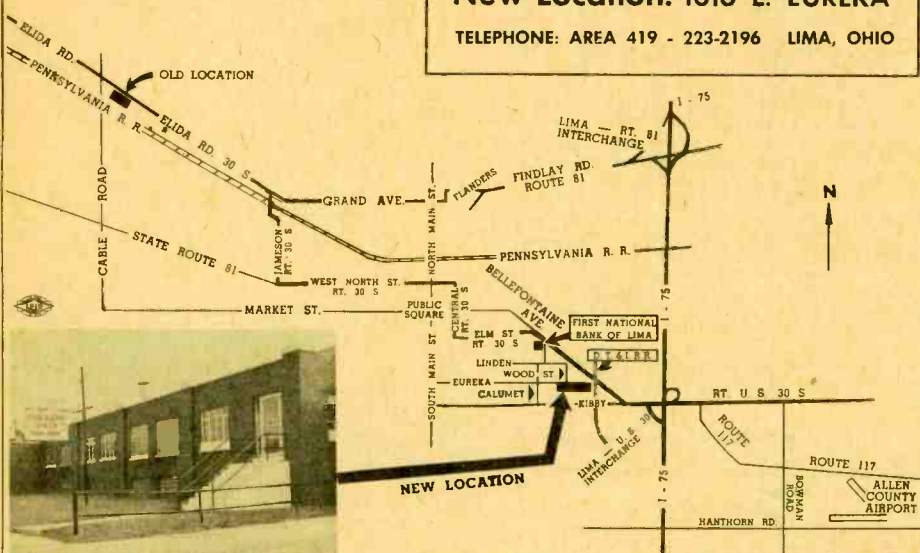
See page 20 for power supplies, kits and wired



See page 20 for power supplies, kits and wired



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GRAB BOX

ASSORTMENT OF NEW & USEABLE ELECTRONIC PARTS & ASSEMBLIES SUCH AS MOTORS, TRANSFORMERS, CHOKES, CONDENSERS, RESISTORS, RECTIFIERS, COVERS, CASES ETC.



ASSORTMENT #1 IS IN A WINE DETECTOR CARRYING CASE WITH HINGED COVER, CARRYING HANDLE, HASP ETC. SIZE 28 1/2 x 15, CHEST WEIGHT 35 LBS. TOTAL WEIGHT 75 LBS. PRICE: \$7.50

ASSORTMENT #2 IS IN A PLWOOD BOX SIZE 24x16x19 1/2, TOTAL WEIGHT 100 LBS. BOX ONLY 15 LBS. PRICE: \$10.00

DATA MAPPING



RADAR CONSOLE DATA MAPPING UNIT A-1007/FSQ; 15" CATHODE RAY TUBE DISPLAY WITH 8032 IMAGE CONVERTER TUBE MOUNTED IN THE GOOSE-NECK ASSY. OVER LOOKING THE CR TUBE, ELECTRIC SCANNING AND AMPLIFIER CIRCUITS WITH 12 KVDC AND 1.5 KVDC POWER SUPPLIES. MFG BY IBM FOR BENDIX. SIZE 33x35x60; WT: 150, USED \$125

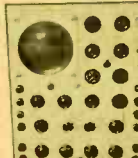
STEPPING SWITCHES

WESTERN UNION AUTOMATIC NUMBERS CONSISTS OF 3 ROWS OF LIGHTS NUMBERED 0-9, 3 STEPPING SWITCHES 6 DECK 11 POSITION, ONE 10 DECK 24 POSITION STEPPING SWITCH, ONE RELAY 4PDT & 4PST, OPERATES 40-48 VDC, MOUNTED ON CHASSIS 4 1/2 x 7 1/2 x 13 1/2; WT: 12 LBS. #9701.1A PRICE: USED \$29.95

STK. #	POS.	DECK	VDC	PRICE:
917723	24	6	30-36	\$ 8.95
917722	24	8	30-36	10.95
916909	24	10	30-36	12.95
916972	12	2	32-36	3.95
917958	11	3	32-36	4.95
917978	11	6	32-36	6.95

REMOVED FROM EQUIPMENT
 FOR ADDITIONAL STEPPING SWITCHES SEE PAGE 22

TEKTRONIC



TEKTRONIC 511 OSCILLOSCOPE A WIDE RANGE PORTABLE SCOPE MAKING POSSIBLE THE OBSERVATION OF A WIDE RANGE OF ELECTRICAL WAVESHAPES IN LABORATORY AND SHOP USE FOR TESTING AND DEVELOPMENT OF ALL TYPES OF ELECTRONIC EQUIPMENT. OPERATES FROM 105-125 & 210-230 VOLT 50/60 CYCLE. (SERVICEABLE) SIZE: 15 1/2 x 12 1/2 x 21 1/2; WT: 60 LBS. USED \$249.50

MODULATOR

ML-310/AMT-1 MODULATOR FOR RADIOSONDE T-49A TRANSMITTER RESISTANCE ELEMENTS VARY WITH CHANGING TEMPERATURE AND HUMIDITY CONDITIONS, PRESSURE SENSITIVE SWITCHING MECHANISM CALIBRATED IN TERMS OF PRESSURE PROVIDES FOR SEQUENCE OF TRANS. OF TEMP. HUMIDITY AND MODULATED REFERENCE SIGNAL HOUSED IN PLASTIC BOX 5x3x4; WT: 1 LB. PRICE: \$1.95

MAGNETRON

0-340/ALT-6A OSCILLATOR SECTION WITH TYPE L3111 MAGNETRON TUBE & AIR PUMP MOTOR WITH FITTINGS FOR "I" BAND WAVE GUIDE SIZE 1-1/8 x 2 1/2, 3000 TO 4000 MC., MOTOR 27 VDC. USED PRICE: \$24.95

HYDROPHONE

HYDROPHONE TRANSDUCER MICROPHONE ROCHELLE SALT TYPE USED TO PICK UP UNDERWATER SOUNDS IN THE FREQUENCY RANGE OF 1 TO 20,000 CYCLES. AVERAGE IMPEDANCE 25 OHMS UP TO 400 FT. WITH TRANSFORMER HOUSED IN RUBBER WATERPROOF JACKET FILLED WITH OIL & 9 FT. RUBBER CONNECTING CABLE. SIZE: 56x3 1/2; WT: 21 LBS. (NOT MAILABLE) SONAR # NT-5103BF PRICE: NEW \$18.95

COMPUTER

CONTROL

CP-53/APQ-31 COMPUTER AZIMUTH CONTROL UNIT. CONTAINS A GYRO UNIT, 5 SYNCHRO 1 1/2" TYPE 400 CYCLE, 2 SPERRY DC SERVO MOTORS R5663916, RELAYS, TERMINAL STRIPS, SEVERAL SIZES OF GEARS, RESISTORS, CONDENSERS, TWO SERVO AMPLIFIERS # 673097 (PLUG IN TYPE) WITH 6 TUBES AND HEATING ELEMENT. ALSO 115 V. 400 CYC. 1 1/2" ELAPSED TIME INDICATOR. SIZE: 11x9x15 1/2; WT: 18 LB. \$7.95



SERVO AMPLIFIER

SERVO AMPLIFIER #358661 IN SEALED BLACK BOX CONTAINING SIX (6) TUBES 2/6AL5, 2/6AQ5, 1/6096, 6101, RELAY DPDT, OUTPUT TRANS. COND. RESISTORS ETC. SIZE: 5x3x4; WT: 4 LBS. USED \$1.95



AMPLIFIER

WEBSTER ELECTRIC AMPLIFIER SERVO TYPE: OPERATES FROM 115 VOLT 60 CYCLE, WITH TUBES 3/6SN7, 1/6H6, 1/6SN7 & 1/5T4, POWER SUPPLY OUTPUT 250 VDC 80 MA (UNFILTERED) 5 VAC @ 3 AL 6.3 VAC @ 3 A., 6.3 VAC @ 4 AMP. ALSO INTER-STAGE TRANSFORMERS, RESISTORS, CONDENSERS, CONTROLS ETC. CHASSIS SIZE 14x6x1 1/2; WT: 19 LB PRICE: USED \$4.95



REGULATED POWER SUPPLY

PHILCO REGULATED POWER SUPPLY: INPUT: 117V 60 CPS OUTPUT: 250VDC @ 200MA REGULATED RACK MOUNTING 19 1/2" TUBES: 2/6AS7; 5R4 TUBES: 2/6AS7; 2/5R4; 2/0B2; 6SL7; 5651 WT. 100 LBS. SIZE: 7x19x12 1/2 \$29.95





FAIR RADIO SALES CO.

Surplus Electronics



31 MAY 1967

OUR 20th YEAR

NAVY WALKIE TALKIE

MARINE BAND



NAVY WALKIE-TALKIE TRANSMITTER & RECEIVER. THIS EQUIPMENT IS CRYSTAL CONTROLLED AND CAN BE OPERATED ON ANY ONE CHANNEL IN THE FREQUENCY RANGE OF 2.3 TO 4.5 MC. VOICE (A3) COMMUNICATION ONLY, OUTPUT OF TRANS IS 0.2 WATTS AND SATISFACTORY COMMUNICATION BETWEEN UNITS OVER AVERAGE TERRAIN SHOULD BE ABLE TO BE MAINTAINED UP TO APPROX. (1) ONE MILE. WITH TUBES 1/1R5, 1/1S5, 2/1T4, 3/3S4. VOLTAGES REQUIRED 67.5 VDC 3 MA; 135 VDC 4 MA; 1.5VDC 225 MA FOR REC. 67.5 VDC 1.5 MA; 135 VDC 19 MA; 1.5VDC 225 MA & -6VDC 30 MA FOR TRANSMIT. UNIT COMES IN A WATERPROOF PLASTIC CASE WITH SPACE FOR BATT. OR POWER SUPPLY. TELESCOPING ANTENNA 8 FT. HAS SPEC. LOADING COIL. COMPLETE WITH TUBES, ANTENNA, 2 CRYSTALS FT-243 (NO CHOICE) HEADSET W/CANVAS BAND CARBON MICROPHONE, CANVAS COVER, & MANUAL. SIZE: 8x8x2 $\frac{1}{2}$; WT: 8 LBS. **\$9.95**

NAVY WALKIE-TALKIE DIRECTION FINDING EQUIPMENT MODEL DAV SAME AS "MAB" DESCRIBED ABOVE ONLY HAS A DIRECTION FINDING LOOP CIRCUIT FOR HOMING AND IS IN A WATERPROOF PLYWOOD CASE WITH WEB STRAPS FOR CARRING ON BACK OR FRONT. ALSO COMPLETE WITH TUBES, HEADSET WITH CANVAS BAND, LIP MICROPHONE, TELESCOPING ANTENNA & 2 CRYSTALS (NO CHOICE) WITH MANUAL. SIZE: 14x10x3 $\frac{1}{2}$; 11LB PRICE: UNUSED \$12.95

\$12.95

MARINE BAND



MAB & DAV POWER SUPPLIES

VIBRATOR POWER SUPPLY MAB & DAV DESIGNED FOR USE WITH MAB & DAV DESCRIBED ABOVE, OPERATES FROM 6 V DC STORAGE BATTERY NT-6, THAT FITS ON BOTTOM OF P.S. PACK, 6 V 4AMP. (CAN BE OPERATED FROM ANY 6 VDC 4 A. SOURCE) SUPPLIES 1.5 VDC .3 A, -6 VDC .02 A, 67.5 VDC .005 A. 135 VDC .02A. ALSO USED WITH NAVY EQUIP. MU, MV, MW, & MX. SIZE: 6x3x3 $\frac{1}{2}$; WT: 2 LBS. NEW \$6.95

N-T-6 PLASTIC STORAGE BATTERY FOR ABOVE POWER SUPPLY CRF-20221/ SUPPLIES 6 VOLTS DC 4 AMP. SIZE: 3x2x2; WT: 2 LBS. DRY CHARGE BATTERY. **\$3.95**

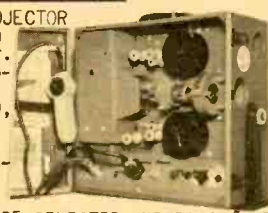
ATD TRANSMITTER



NAVY ATD TRANSMITTER 540 KC TO 9050 KC 50 WATT VOICE-MCW-CW, AM WITH TUBES 1/814, 4/6L6GA & VOLTAGE REGULATOR, THREE 2 $\frac{3}{4}$ " METERS FOR RF, MA & VOLTS, 24 VOLT DYNAMOTOR OUTPUT 1000 VDC 150 MA, 380 VDC 400 MA & 28VDC 5 AMPS. PLUG-IN TUNING UNITS SUPPLIED WITH SET 1/540-1500, 1/1500-3000 & 2/3000-9050kc. FOUR CHANNEL SELECTION FROM SET OR REMOTE. LOCAL OR REMOTE CONTROL, MIC, PHONE & KEY JACK COMPLETE WITH DYNAMOTOR, REMOTE CONTROL UNIT, ANTENNA LOADING UNIT & PLUGS. SIZE: 24x10x13 $\frac{1}{2}$; WT: 70 LBS. (TRANS) TOT. 135LB PRICE: UNUSED \$69.95

PROJECTOR

MK-2 35 MM FLASH PROJECTOR USED FOR RECOGNITION TRAINING OF AIRCRAFT. FLASH PERIOD OF PROJECTION IS VARIABLE AUTOMATICALLY FOR 1/50, 1/25, 1/5 & 1 SECOND ALSO TIME AND BULB CONTROLS. FILM CAPACITY IS 100 FT 35 MM 1600 PICTURES. ANY DESIRED PICTURE MAY BE SELECTED AND POSITIONED READY FOR PROJECTION IN A FEW SECONDS BY USE OF THE ILLUMINATED COUNTER THAT IS SYNCHRONIZED WITH THE FILM REGISTERS THE NUMBER OF EACH PICTURE AS IT MOVES INTO PROJECTION POSITION. SHUTTER AND SPEED IS OPERATED BY A REMOTE CONTROL UNIT THAT ALLOWS FREEDOM OF MOVEMENT TO THE OPERATOR. PROJECTOR 300 WATT IS HOUSED IN LEATHERETTE PLYWOOD COVERED CASE EQUIPPED 3 IN. FOCAL LENGTH LENS AND OPERATES FROM 115 VOLT AC-DC W/ CABLES AND REELS. (NOTE: REGULAR 35 MM PICTURES CAN BE DEVELOPED UNMOUNTED, SINGLE ROLL OR SEVERAL CAN BE SPLICED AND SHOWN THROUGH THIS PROJECTOR) SIZE: 16x15x8; WT: 40 LBS. UNUSED \$34.95
PROJECTION LAMP (SPARE) FOR ABOVE UNIT 300 WATT-120V T-1C 2 CC-8 FIL. MED. PF. BBD \$2.00
FILM SPLICER: 35 MM FOR ABOVE UNIT 4.95



PROJECTION LAMPS

PROJECTOR LAMPS 115/120 VOLT			
6240-143-3106	150 WATT	T8/150T8/70	\$1.00
" 187-4302	200 "	T8/200T8/BSC	1.50
" 155-7996	200 "	T8/200T8/2CC8	1.50
" 143-3040	300 "	T1C/300T1C/3	2.00
68560/LM-60	500 "	T-20/C-13 MED/F	2.50

AUTOMATIC KEYS

KY-65/ARA-26 AUTOMATIC KEYS MOTOR OPERATED 24 VDC, SOS CODE WHEEL AND EXTRA WHEEL FOR ADDING ADDITIONAL CODE, ADJUSTABLE 5-30 SEC. 3/24 VDC RELAYS GEAR TRAIN RES. ETC. SIZE 6 $\frac{1}{2}$ x3 $\frac{1}{2}$ x4; WT: 4 LBS. \$3.95 CONNECTOR PLUGS 3 REQ. 1.50 EACH.



BC-603 RECEIVER

BC-603 RECEIVER F.M 20-27.9 MC CONTINUOUS TUNING & 10 PRESET PUSH BUTTON CHANNEL SELECTOR. WITH SENSITIVITY SQUELCH & VOLUME CONTROLS, 2 WATT OUTPUT TO SELF CONTAINED SPEAKER, ONE (1) MICROVOLT SENSITIVITY, 2.65 KC 1.F. 10 TUBES 3/6AC7, 1/6J5, 2/12SG7, 2/6SL7, 1/6H6 & 1/6V6GT. VOLTAGE REQUIRED 12/24 VOLTS FOR FILAMENTS, 220 VDC @ 80 MA. FOR HIGH VOLT SIZE 11x6x12 $\frac{1}{2}$; WT: 35 LBS. USED \$32.95



CONVERTED TO 30-45 MC \$44.95

AC POWER SUPPLY FOR BC-603 TRANSFORMER TYPE PLUGS INTO SAME PLACE AS DYNAMOTOR, NO CONVERSION REQUIRED ACCEPT ADDING SWITCH, W/INSTRUC WIRED 14.95 KIT OF PARTS \$10.00
DM-34 DYNAMOTOR FOR 12 VOLT D.C. OPER. N \$4.95
DM-36 " " 24 " " " N 4.95

TCS EQUIPMENT

NAVY TCS TRANSMITTER AM .5 MC TO 12 MC IN THREE (3) BANDS, CW 40 WATTS, VOICE MODULATION 20 WATTS MASTER OSCILLATOR VARIABLE AND CRYSTAL CONTROL ON 4 PRESET CHANNELS IN THE ENTIRE FREQ. RANGE. WITH 3/12A6 IN OSCILLATOR & BUFFER-DOUBLER, 4/1625 IN MODULATOR & POWER AMPLIFIER STAGES, 2 $\frac{3}{4}$ " METERS FOR PA PLATE 0-2000 RF METER 0-3, ALL TUNING AND OPERATING CONTROL ON FRONT PANEL. VOLTAGES REQUIRED FOR OPERATION 12 VDC & 400-440 VDC 200 MA. W/TUBES SIZE: 11x11x13 $\frac{1}{2}$; WT: 41 LBS. USED \$34.50



NAVY TCS RECEIVER AM 1.5 MC TO 12 MC IN TWO (2) BANDS VARIABLE FREQ. OSCILLATOR AND CRYSTAL CONTROL ON FOUR (4) PRESET CHANNELS IN THE ENTIRE FREQ. RANGE. AUDIO OUTPUT 1.5 WATTS INTO 500 OHM LOAD, USES TUBES 12SK7 RF AMP. 12SA7 CONVERTER 2/12SK7 IF AMP. 12SQ7 DETECTOR BFO, 12A6 OSCILLATOR, 12A6 AUDIO AMP. 456 KC IF FREQ. LARGE VERNIER & SPIN DIAL, AUDIO GAIN, AVC, BFO AND ALL CONTROLS ON THE FRONT PANEL. VOLTAGES REQUIRED 12 VDC & APPROX. 220 VDC 100 MA. SIZE: 11x11x13 $\frac{1}{2}$; WT: 37 LBS. USED \$44.95



NOISE LIMITER CONVERSION KIT W/6H6 TUBE \$2

TCS REMOTE CONTROL UNIT TYPE 23270, CONTAINS ALL NECESSARY COMPONENTS FOR CONTROL OF RECEIVER, TRANSMITTER & AMPLIFIER SUCH AS SWITCHES, VOLUME CONTROL ALSO HEAVY MAGNET 5" PM SPEAKER, MIC & PHONE JACKS ETC. SIZE: 3x5x7 $\frac{1}{2}$; WT: 7 LBS. PRICE: RE-NEW \$9.95



TCS DUAL DYNAMOTOR POWER SUPPLY INPUT 12 VDC 14.5 AMP. OUTPUT 440 VDC 200 MA. FOR TRANS. 225 VDC 100 MA. FOR REC., FILTERED INPUT & OUTPUT WITH START RELAY & CONNECTORS FOR CONNECTING REC. TRANS. & CONTROL BOX. RE-NEW SIZE: 12x7x7 $\frac{1}{2}$; WT: 35 LBS. PRICE: \$14.95



D-401 DYNAMOTOR ONLY FOR TRANS. INPUT 12 VDC 9.9 AMP. OUTPUT 440 VDC 200 MA. RE-NEW \$6.95
D-402 DYNAMOTOR ONLY FOR REC. INPUT 12 VDC 3.8 AMP. OUTPUT 220 VDC 100 MA. RE-NEW \$4.95

TCS CABLES RECEIVER TO POWER SUPPLY \$2.75
" " TRANSMITTER TO " " 2.75
PLUGS FOR CONTROL BOX & " " (2) 3.00

TCS ANTENNA LOADING COIL #47205; USED TO MATCH THE OUTPUT OF THE REC./TRANS. TO A WHIP ANTENNA TO OBTAIN THE MAXIMUM PERFORMANCE. OR BY USE OF THE 6 POSITION TAP SWITCH IT CAN BE USED TO MATCH VARIOUS LENGTHS OF STRAIGHT WIRE ANTENNA SYSTEMS. SIZE: 6x9x6 $\frac{1}{2}$; WT: 7 LBS. PRICE: USED \$6.95

POWER SUPPLY FOR TCS 115 V 60 CYCLE (NOT GOVERNMENT SURPLUS) RECEIVER \$20.00 TRANS. \$35.00
TCS PARTS MOST PARTS AVAILABLE, ADVISE US OF YOUR NEEDS.

FAIR RADIO SALES CO., Box 1105, 1016 East Eureka, LIMA, OHIO 45802

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Otherwise we will send ship-
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very.

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AMPERE METER
0-150 VOLTS AC
#00317-4
\$5.95



GENERAL ELECTRIC

0-15 VAC AC-22 3/4" RD \$3.95
0-150 VDC DO-41 3 1/2" RD 3.95

0-80 " " " " " "
0-200 " " " " " "

0-5 RFA DO-44 3 1/2" RD 3.95
0-20 " " " " " "

0-1.5 KILV DO-41 3 1/2" RD 3.95
(0-1 DC MA MOVEMENT)

**WESTERN
ELECTRIC**



0-50 DC MICROAMPS, 3 1/2" RD.
WE#167867 \$4.95

0-200 DC MICROAMPS, 3 1/2" RD.
WE#167807 \$4.95

0-100 VOLTS DC 3 1/2" RD.
WE#168562 \$3.95



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0-4 SCALE W/
THERMOCOUPLE.
2 1/2 x 3 1/2, PANEL
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IN/OUT CIRCUIT
SWITCH. WESTON
LTD #10A/12667
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DC AMPERES
3 1/2" 0-300 SCL
USE W/SHUNT
50 MV/200 A



R.F. AMPERES
0-6 SCALE
GE TYPE DW44
SC 1S-182
2 1/2" RD.
\$3.95



500 MICROAMPS.
D.C. RES. 300
OHM DC. 1 1/2" SQ.
1-3/8" MTG.
DEJUR MOD. 112
STK #3F3312-6.6
\$4.95



VOLTMETER 2 1/2"
0-15 AC-DC
1S-122 \$2.95
MILLIAMP. 2 1/2"
0-500 MA.
1S-22 \$2.95
R.F. AMPS. 2 1/2"
0-8 R.F.
1S-89 \$2.95



DC VOLTS
2 1/2" 0-500 SCL
BASIC FS 500V
RUGGEDIZED
ALUMINUM PAN-
EL ASSY.
BURLINGTON
STK #3F8C10-33
\$3.95



MICROMHOS
DYNAMIC MUTU-
AL CONDUCTANCE
USED IN I-177
TUBE CHECKER
BASIC 0-1.4
MA.
HICKOK #M547A
STK #3F1350
\$4.95



DC MILLIAMPER
2-3/4" 0-15
0-300 SCALE
USE EXT. SHUNT
.35 OHM
USED W/BC-669
VARIOUS MFG.
STK #3F930-14
\$4.95



MARION ELEC.
POWER SET
-DBM X
-6-0-3x
#HS2285
2 1/2" RD.
\$2.95



GAR ELEC.
F.S. - 100 UA
SCALE 1-3/3-
10 & %MOD5-50
2 1/2" RUGGEDIZE
GAR MODEL 260
\$4.95



PERCENTAGE
MODULATION
10-0-10
ROLLER-SM.
ES-100 UA
3 1/2" #49470
\$3.95



50 MICROAMP.
0-5 SCALE
1 1/2" SINGLE
HOLE MOUNTING
INTERNATIONAL
#420-63-0251
\$4.95



DC AMPERES 2"
0-120 SCALE
EXT. SHUNT
REQ. AERO #C120
\$1.95
AC VOLTS 2"
0-150 400 CYC
#1209236 AFCI
\$2.95



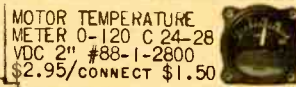
TUNING METER
2" TUNE FOR
MAX. SCALE.
2 MA. RIGHT,
5 MA. LEFT.
5 OHM DC RES.
USED IN RADIO
COMPASS REC.
#1-70 \$1.50



DC MICROAMPERE
0-200 SCALE
TRIPOLET 2 1/2"
#WR25W200DCUA
MODEL 221 T
\$3.95




ANTENNA
CURRENT
INDICATOR
0-10 RF W/
THERMOCOUPLE
WESTON 507
F/BC-442
USED \$1.25



MOTOR TEMPERATURE
METER 0-120 C 24-28
VDC 2" #88-1-2800
\$2.95/CONNECT \$1.50

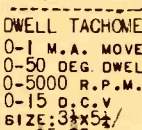
AUTOMOTIVE MOTORAIDE METERS



CIRCUIT
0-1 M.A. MOVE.
0-10 V. SCALE
0-7.5 A. "
0-1K OHM "
SIZE 3 1/2 x 5 1/2
\$3.95

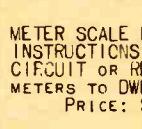


REGULATOR
0-1 M.A. MOVE.
0-60 DCA SCALE
0-10 DCV "
0-20 DCV "
SIZE 3 1/2 x 5 1/2
\$3.95

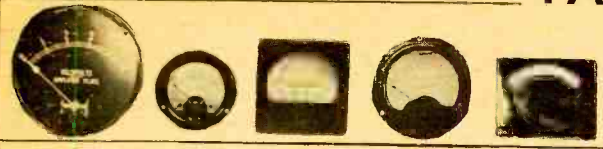


DWELL TACHONETER VOLT METER
0-1 M.A. MOVE.
0-50 DEG DWELL
0-5000 R.P.M.
0-15 D.C.V.
SIZE: 3 1/2 x 5 1/2
\$5.95

THIS WILL NOT BE THE ORIGIN-
AL SCALE AS SUPPLIED BY THE
MANUFACTURER BUT A MODIFIED
UNIT FROM THE OTHER TYPES.



METER SCALE FACE WITH
INSTRUCTIONS FOR CHANGING
CIRCUIT OR REGULATOR TYPE
METERS TO DWELL TACH METER
PRICE: \$1.00



VOLTMETERS

- 0-150 AC Round flush type for 2-1/8" hole, Bakelite case. Westinghouse type NA-33, 25 to 125 cycles. Signal Corps No. 3F8150-69 6.25
- 0-300 AC 3" round flush type, bakelite case, Simpson and General Electric Mfg. Signal Corps No. 3F8300-28 7.50
- 0-15 AC-DC Voltmeter 2 1/2" RD. USED NO. IS-122 2.95
- 0-30 DC Round flush type, for 2 1/2" hole. General Electric Mfg. Model 85W53AAL. Stock No. 2DA7 5.75
- 0-300 DC Round flush type, bakelite case, shielded, for 2 1/2" hole. Sun Mfg. Model 2AU346. Stock No. 159E-12 5.75

MILLIAMMETERS

- 50-0-50 3" round flush type, bakelite case. DC Sangamo and Weston model 301. Signal Corps No. 3F3327 6.25
- 0-100 DC 3" round flush type, bakelite case. De-Jur model 310. Signal Corps No. 3F910-1 6.95
- 0-800 DC 3" round flush type, bakelite case, calib. for 1/8" steel panel. Signal Corps No. 3F980-2 6.95

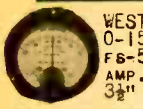
R.F. METERS

- 0-10 AMPS 2-3/4" flange, for 2 1/4" hole, bakelite case. Weston model 507, Signal Corps No. 3F1010-24 5.95
- 0-1 AMPS 3" round flush type, bakelite case, Triplett model 0341-T or Weston model 425. Signal Corps No. 3F1001-31 6.25
- 0-100 MA For 2-1/8" hole, metal case. Calib. for 1/16" steel panel, with Thermo-couple. General Electric model AAN21, type DW-52. Signal Corps No. 3F912 5.50

AMMETERS

- 0-30 DC 3" round surface mounting. Roller-Smith type TDS. Signal Corps No. 3F1030-9 6.95
- 0-30 DC 2" round flush type, metal case. Hoyt Meter Co. No. H17-3, scale has marking for 12 volt and 6 volt. Signal Corps No. 3F1030-22 5.50
- 0-1.5 DC Milliamp. Tube checker scale 2 1/2" flush mtg. P/O I-56A W. No. 685-2 2.95

WESTINGHOUSE




WESTINGHOUSE NX-35
0-1500 D.C. AMPS.
FS-50 MV. REQ. 1500
AMP. 50 MV SHUNT.
3 1/2" RD. \$3.95

D.C. MILLIAMMETERS
TYPE NX-35 3 1/2" RD.
0-50 0-100 0-250
PRICE: \$3.95 EACH

0-15 VAC NA-35 3" sq. \$3.95


0-15 R.F. NX-35 3 1/2" RD \$3.95

0-1 MA MOVEMENT NX-35 3 1/2" RD
0-2 KILOVOLT DC SCALE
0-20 " DC "
REQUIRE EXTERNAL SHUNTS
PRICE: \$3.95 EACH.

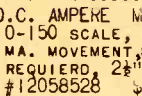


MARK II No. 19 VOLT
METER 2 1/2" 0-15 & 0-
500 SCALE, 500 MICR
OAMP MOVE, PC90609C
\$3.95

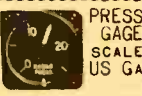
A.C. OUTPUT METER T-650
SCALES 0-1.5/0-6/0-15/
0-60/0-150. SIZE 3x6x3
USED CHECKED \$4.95
DEFECTIVE AS-IS 2.00



D.C. VOLT METER
0-30, 2 1/2" sq. MTG.
AIRCRAFT TYPE
22284
PRICE: \$2.95




D.C. AMPERE METER
0-150 SCALE, 0-15
MA. MOVEMENT, SHUNT
REQUIRER, 2 1/2" WEST
#12058528 \$1.95



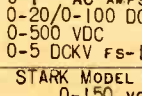
PRESSURE METER
GAGE-RADAR, 0-30
SCALE, 2 1/2"
US GAUGE #31-82F29
\$1.50



MICROAMPERES
METER & CASE
500-0-500 3 1/2"
WESTON 301-57
CASE SLOPING
PANEL 4 1/2 x 4 1/2
TEST LEAD CONN
ECTORS ON TOP.
2 LB. \$7.95



WESTON MODEL 506 2 1/2" RD.
0-1 AC AMPS. \$3.95
0-20/0-100 DCMA 3.95
0-500 VDC 3.95
0-5 DCKV FS-1 MA. 3.95



STARK MODEL 47M 3" sq.
0-150 VOLT 50/60 CYC
\$3.95

WESTON PANEL METERS

MODEL 301 A.C VOLTS 3 1/2" RD
0-400 0-500 0-15/150
\$6.95 EACH

MODEL 301 D.C VOLTS 3 1/2" RD
0-300 0-350 0-200 0-250
\$6.95 EACH

MODEL 301 D.C VOLTS 3 1/2" RD
15-0-15 300-0-300
\$6.95 EACH

MODEL 301 D.C AMPS. 3 1/2" RD
0-3 0-4 0-5 0-1C
\$6.95 EACH

MODEL 301 D.C M.A 3 1/2" RD
0-50 0-70 0-100 0-150
0-200 0-250 PRICE: \$6.95

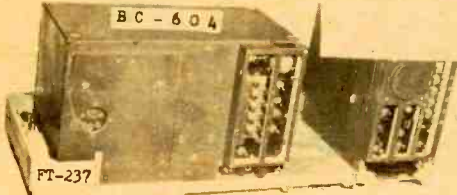
MODEL 301 3 1/2" RD SHUNT REQ.
20,000 OHMS PER VOLT VDC
100/20-0-100/20
200/20-0-200/20 \$6.95
10-0-10 EACH

2000 OHMS PER VOLT
300-0-300 VDC 0-10/100 VDC
0-10 VAC 0-25 VAC 0-500 VAC

FM

TRANSMITTERS-RECEIVERS

AM



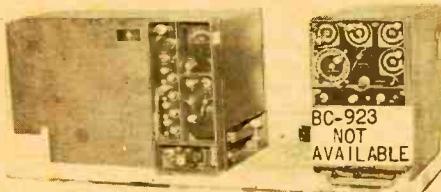
BC-604 TRANSMITTER

FREQ. RANGE 20-27.9 MC OUTPUT APPROX. 30 WATT. 10 CRYSTAL CONTROLLED CHANNELS. FREQ. 54 TIME CRYSTAL FREQUENCY. 12 VOLT DC OPERATION WITH DM-35 DYNAMOTOR. 24 VOLT DC OPERATION WITH DM-37 DYNAMOTOR. BATTERY DRAIN 20A. ON 12 VOLT TUBE LINEUP; 1619 DOUBLER, 1619 TRIPLER, 1619 1ST RF AMPLIFIER, 1619 RF RECTIFIER, 1624 POWER AMPLIFIER. SIZE: 18" L x 11 1/2" H x 10 3/8" D. WT: 60 LBS. LESS DYNAMOTOR. RE-NEW \$7.95

BC-684 TRANSMITTER

USED \$6.95 SAME AS BC-604 FREQUENCY RANGE 27 TO 39.1 MC

BC-924 TRANSMITTER RE-NEW \$12.95



FREQ. RANGE 27 TO 39.1 MC. 12 VOLT DC OPERATION. VOLTAGE REGULATED M.O. CIRCUIT. SLUG TUNED COILS HI AND LOW OUTPUT SWITCH. 30 WATT OUTPUT ON HI POSITION. CONTAINS INTERPHONE AMPLIFIER. SCHEMATIC ENCLOSED IN CABINET. TUBE LINEUP: 6SJ7 OSCILLATOR, 6J5 MODULATOR, 6SJ7 BUFFER, 6AG7 AMPLIFIER, 815 DOUBLER, 815 FINAL, 7SL7 1ST AUDIO, 6V6 2ND AUDIO, VR150 VOLTAGE REGULATOR. VOLTAGE REQUIRED 12 OR 24 VDC AND 400 VDC @ 400 MA. SIZE: 18" L x 11 1/2" H x 10 3/8" IN. D WT: 52 LBS

FT-237 MOUNTING BASE RE-NEW \$7.95

SHOCK MOUNT BASE TO HOLD ONE BC-924 TRANSMITTER AND ONE OR TWO BC-923 RECEIVER OR ONE BC-603 RECEIVER. SOCKETS ON THE BASE WILL MAKE ALL OF THE NECESSARY CONNECTIONS TO THE SETS. TERMINAL BLOCK MOUNTED ON THE BASE FOR REMOTE CONTROL CABLE. WT: 44 LBS SIZE: 11 3/4" W x 1 3/4" H x 33 5/8" L.

IDENTIFICATION SET

RT-82/APX-6 RADAR IDENTIFICATION SET RECEIVER-TRANSMITTER COVERING RANGE OF 950-1150 MC. IF FREQ. 59.5/1.5 MC. (CAN BE CONVERTED TO 1215 MC. QST FEB. '61, SEPT. '60; 1296 MC. QST JUNE '61). WITH (30) TUBES 6/6J6, 1/6A56, 1/3E29, 3/6AL5, 1/5Y3, 2/3B24, 3/6AL5, 2/12AU7, 7/6AK5, 1/2C42, 1/2C46, 1/1B40, 1/1N-43, 1/1N-25. DIGIT COUNTERS ON TUNERS FOR TRANS-REC-LO FREQ. CONTROLS. VOLTAGE REQUIRED 24 AND 115 400/800 CYCLE. SIZE: 13x13x10; WT: 45 LBS. PRICE: USED WITH TUBES \$16.95

CRV-52233 TRANSMITTER FOR ARR REC. 25 WATT, PHONE, CW, MCW 3000-9050 KC BY USE OF PLUG-IN TUNING UNITS, W/TUBES 2/815, 2/6N7, 1/1625 & 1/VR150 COMES WITH TUNING UNITS FOR THE ABOVE RANGE IN THE SET. VOLTAGE REQ. 28 VDC & APPROX. 500VDC 250MA. 7x10x15 1/2; 50LB. U \$19.95

R-65/APN-9 LORAN RECEIVER

INDICATOR AS USED IN AIRCRAFT AND BOATS. PROVIDES ACCURATE MEANS OF DETERMINING POSITION OF FIXED SHORE STATIONS WHEN OTHER MEANS ARE INEFFECTIVE. CONSISTS OF A RECEIVER OPERATING IN THE MARINE BAND WITH 3" CR TUBE INDICATOR FOR PRESENTATION OF THE RECEIVED SIGNALS. OPERATES FROM 24 VDC & 115 V 400-800 CYCLE. W/TUBES, LENSE, CRYSTAL. SIZE: 9 1/2 x 12 1/2 x 30 1/2; WT: 40 LBS. USED \$69.50

R-114/VRC-4 RECEIVER AM CRYSTAL CONTROL ON FOUR CHANNELS IN THE 1.7 TO 8.7 MC BAND, ONE TUNEABLE BAND OF 190 TO 510 KC. IF FREQ. 525 KC. FOR PHONE AND CW USE. WITH TUBES 4/6SK7, 1/6K8, 2/6SC7 & 1/6K6. VOLTAGE REQUIRED 6 V. FOR FIL. AND 220 VDC 80 MA. SIZE: 15 1/2 x 11 x 14 1/2; WT: 80 LBS. RE-NEW \$29.95

MP-28 MODULATOR & DYNAMOTOR FOR TA-12 TRANSMITTER. BLASS "B" OUTPUT 40 WATTS, WITH TUBES 2/807, 1/6N6 & 1/6N7. DYNAMOTOR 24VDC 14.8 A. OUTPUT 540 VDC 450 MA. SIZE: 12x12x12; WT: 30 LB. MP-28 MOD. W/DYN. UNUSED \$19.95 " " LESS " " " " 10.95

TA-12 TRANSMITTER 40 WATT PHONE, CW & MCW FOUR CHANNEL 300-600 & 3000-7000 KC. VFO OSCILLATOR EACH CHANNEL HAS OWN OSC. USING 12SK7 & 807 FINAL 2/807 PUSH-PULL (SEE S.R CONV#2) U \$39.50

BC-659 RECEIVER-TRANSMITTER F.M., 27-38.9 MC. CRYSTAL CONTROL ON 2 PRESELECTED CHANNELS, USES FT-243 CRYSTALS, OUTPUT APPROX. 3 WATTS. SELF CONTAINED SPEAKER, MIC & PHONE JACKS. W/TUBES 1/1LH4, 1/1LC6, 4/1LN5, 2/1291, 4/1299, 1/1291, W/TUBES, SPEAKER & METER. REQUIRES PE-117 OR PE-120 POWER SUPPLY FOR OPERATION FROM 6/12 VOLT. SIZE: 15x13x7; WT: 30 LBS. PRICE: REC-TRANS. ONLY USED \$14.95 REC-TRANS. W/POWER SUP. " 18.95

PE-117 POWER SUPPLY ONLY USED 5.95 RN 7.95
PE-120 " " " " 5.95 RN 7.95
PE-97 " " " " 5.95 RN 7.95
CS-79 BATTERY CASE EMPTY " 1.00 RN 1.95

AN-45 TELESCOPING ANTENNA 8 FT. N 2.95

BC-788C RECEIVER-TRANSMITTER ALTIMETER, PULSE TYPE, TRANSMITTER OUTPUT 50 WATTS. FIXED FREQUENCY 440 MC. WITH TUBES 3/6J6, 1/6L6, 9/6AG5 AND 1/5Y3GT OPERATES FROM 115 VOLT 400 TO 2400 CYCLE. SIZE: 15 1/2 x 9 x 8; WT: 13 LBS. PRICE: USED \$18.95

ILLUSTRATED COVER OFF.



AIRBORNE EQUIPMENT DESIGNED TO RECEIVE RADIO SIGNALS TO DELIVER AURAL & VISUAL INDICATION OF THE RECEIVED SIGNAL TO THE PILOT OF THE AIRCRAFT IN WHICH IT IS INSTALLED. FORM THESE INDICATIONS THE PILOT CAN ACCURATELY CHECK IN RESPECT TO A PARTICULAR RADIO RANGE STATION.

R-122/ARN-12 THE RECEIVED SIGNAL IS FIXED FREQ. 75 MC. A-M MODULATED AT 400, 1300 OR 3000 CPS. AND OPERATES FROM 24 VOLTS DC FOR FILAMENTS AND B VOLTAGE. COMPLETE WITH TUBES 5/6AJ5, 2/6AL5W & 2/2807. HAS CRYSTAL CONTROLLED OSCILLATOR WITH 6.9 MC., IF FREQ SIZE: 10x5x6; WT: 8 LBS. PRICE: USED \$4.95

R-48/TRC-8 RECEIVER

R-48/TRC-8 RECEIVER F.M 230 TO 250 MC. ONE BAND VARIABLE TUNING, SPEAKER PHONE JACKS, SQUELCH CIRCUIT. WITH TUBES 8/6AG7, 1/9002, 1/504, 1/6V6 1/VR-150, 1/6N7, 1/6SN7, 1/6AL7. OPERATES FROM 115 VOLT 60 CYCLE. SIZE: 20x19x16; WT: 75 LBS. PRICE: USED LESS METER \$32.95 WITH TUBES, LESS METER, LESS DIAL \$19.95

RT-18 ARC-1 AM TRANS.

AIRCRAFT RECEIVER-TRANSMITTER AM 100 TO 156 MC CRYSTAL CONTROLLED ON TEN PRESELECTED CHANNELS, 30 WATT CW & PHONE. WITH TUBES 18/6AK5, 2/6C4, 2/6V6 2/6J6, 2/12A6, 2/832, 12SL7 VOLTAGE REQUIRED 24 VDC & 360 VDC 135 MA. SIZE: 21 1/2 x 10 1/2 x 7 1/2; WT: 40 LBS. USED 10 CHANNEL... \$49.50

COMPASS SYSTEM



REMOTE READING MAGNESYMPASS SYSTEM AIRCRAFT TYPE. CONSISTS OF A MAGNESYMPASS THAT TRANSMITS TO A 3" INDICATOR THAT IS CALIBRATED IN DEGREES --- N-S-E-W AND IS OPERATED BY THE 12 VOLT D.C INVERTER THAT IS SUPPLIED WITH THE SET. SHPG. WT: 15 LBS. PRICE WITH TRANSMITTER, INDICATOR, INVERTER AND MANUAL... \$32.95

BC-645/ABA TRANSCIEVER, TRANSDUCER SET USED IN AIRCRAFT FOR FRIEND OR FOE IDENTIFICATION FOR USE IN THE 460 TO 490 MC. WITH 15 TUBES 4/7F7, 4/7H7 2/7E6, 2/6F6, 2/955, 1/W316 (THOUSANDS OF THESE SETS HAVE BEEN CONVERTED TO HAM BAND 420-450 MOBILE FIXED 450-460, CITIZENS 460-470, TV EXP. 470-500 SIZE: 6 1/2 x 11 x 14; WT: 20 LBS. PRICE: UNUSED \$16.95

BC-646 CONTROL BOX FOR ABOVE. \$ 1.95
MOUNTING FOR CONTROL BX. 1.00
MOUNTING FOR TRANSCIEVER 1.50
ANTENNA ASSEMBLIES FOR SET (2) 1.95
COMPLETE SET OF PLUGS \$4.95; INDIVIDUAL EA. \$1

CARRIER MONITOR

WHEN COUPLED TO TRANSMISSION LINE PROVIDES DC/AUDIO CURRENT TO LOCAL OR REMOTE POSITION. TWO VACUUM CAPACITORS 3 MMFD 15 KV. ARE SUPPLIED FOR 500 TO 50M WATT TRANSMITTER 2 TO 30 MC. INPUT/OUTPUT IMPEDANCE 600 OHM LINE. OPERATES 115/230 V 60 CYC. WITH TUBES 1/6AL5, 1/6X4, 1/6J6, 1/V103. ALSO OUTPUT JACKS ETC. OUTPUT JACKS & CONTROLS. P/N 1028017; SIZE: 6X6 1/2 X 8 1/2; WT: 15 LBS. PRICE: UNUSED \$8.95 LESS 2 VACUUM COND. \$5.95

TELEPHONE REMOTE CONTROL

TELEPHONE REMOTE CONTROL UNIT WITH HANDSET. UNIT HAS INPUTS FOR TWO MIKES AND ONE RECEIVER, WITH CONNECTION AT TERMINAL BOARD FOR KEYS. AUDIO OUTPUT 1.3 WATTS INTO 600 OHMS. MAY BE USED FOR INTERCOM. POWER REQUIREMENT 115 VOLTS 60, 25 CYC OR DC. TUBES 2/35L6, 35Z5. COMPLETE WITH SPARE PARTS 9x9x8. SPARE PARTS SET CONTAINS SPARE TUBES, CAPACITORS, RESISTORS, SWITCHES AND JACKS. INSTRUCTION MANUAL INCLUDED. SIZE: 13x12x11 1/2. WT. 55 LBS. NEW \$16.95 #CAY 23304 NEW \$16.95

T-30/TRC-8 TRANSMITTER

T-30/TRC-8 TRANSMITTER F.M 12 W. 230 TO 250 MC. CONTINUOUS TUNING, NOT CRYSTAL CONTROL, FREQ. DEV. 100 KC. OPERATES FROM 115/230 V. 50/60 CYC. USING PP-115/TRC-8 POWER SUPPLY. TRANSMITTER TUBES 3/829B, 1/6H6, 2/6SN7, PP-115/TRC8 2/5U4G TUBES. TRANS. SIZE WITH POWER SUPPLY 12x20x12; WT: 80 LBS USED W/TUBES \$39.95 LESS TUBES \$24.95 TM-11-618 MANUAL FOR TRC-8 REC. & TRANS. \$3

AM-26/AIC

AUDIO AMPLIFIER USED IN AIRCRAFT FOR INTER-COMMUNICATION. CARBON MICROPHONE INPUT, HIGH & LOW IMPEDANCE OUTPUT WITH VOLUME CONTROL. NORMALLY OPERATES FROM 24 VOLTS DC FOR FILAMENTS AND 250 VOLTS DC 60 MA. FOR B THAT WAS SUPPLIED BY A DM-32 DYNAMOTOR THAT WAS MOUNTED ON THE BACK. COMPLETE WITH TUBES 2/12J5 & 2/12A6. FOR CONVERSION TO 9 WATT AMPLIFIER SEE SURPLUS CONVERSION MANUAL #2 PRICED AT \$3.00. SIZE: 9 1/2 x 5 1/2 x 5 1/2; WT: 6 1/2 LBS. USED \$3.95

ARC-5

COMMAND RECEIVERS—TRANSMITTERS

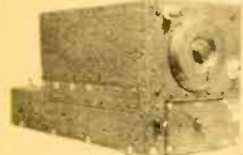
The COMMAND SET series of transmitters and receivers are the most popular surplus items on the market to-day.

The series consist of several units covering the frequency range of 190 KC to 9.1 MC for the receivers and 2.1 to 9.1 MC for the transmitters.



R-26/ARC-5 RECEIVER
3 TO 6 MC.
WITH C-131/AR ELECTRIC OR MANUAL CONTROL FOR 24 V.D.C. OPERAT. WITH CONN. PLUG.
PRICE: GOV'T OVERHAUL.....\$24.95

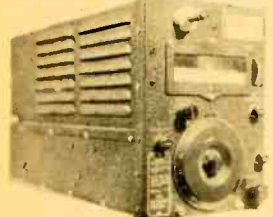
The receivers are six tube superhets using the following tubes, 1/12A6, 2/12XBY, 3/12SK7 & 1/12SR7. Designed to operate from 24 VDC dynamotor, which mounted on the rear of the set, supplying 250 VDC 60 MA.
Size of set 5 x 5 x 11 WT. 6 lbs.



R-24/ARC-5 520-1500 KC NEW \$40.00
R-25/ " 1.5-3.0 MC " 24.95
BC-454 3.0-6.0 MC " 24.95
BC-455 6.0-9.1 MC R-C
GOV'T RE-CONDITION W/DYN. 14.95
R-28/ARC-5 100-156 MC USD 22.95

TRANSMITTERS

The transmitters with proper use can put out 50 watts or CW and watts on voice, with the use of the BC-456 modulator which is a separate unit. Dynamotor used with equipment is a DM-33 24 VDC input output 575 VDC 175 MA & mounts on the modulator. Tubes used 2/1625, 1/1626 & 1/1629 magic eye tube for crystal calibration
Size 5 x 7 x 12 WT. 9 Lbs



T-18/ARC 2.1 to 3.0 mc new \$12.95
BC-696 3.0-4.0 MC used 9.95
GOV'T RE-CONDITIONED \$12.95
T-20/ARC 4.0 to 5.3 mc used 6.95
T-21/ARC 5.3 to 7.1 mc used 6.95
T-23/ARC 100 to 156 mc new 24.95
T-22/ARC-5 7-9.1 mc. UNUSED 18.95

BC-456 MODULATOR; FOR USE WITH COMMAND TRANSMITTERS WITH TUBES 1/1625, 1/12J5GT & 1/VR-150 VOLTAGE REGULATOR.
SIZE: 7x8x10; WT: 11 LBS. USED \$3.95

AC 115 VOLT 60 CYCLE POWER SUPPLY FOR COMMAND RECEIVERS WITH SPEAKER, VOLUME CONTROL, CW CONNECTOR PLUG ETC. (SEE PAGE 20) \$18.95

35x032 DYNAMOTOR 12 VOLT. \$ 4.95
DM-32 " 24 V. U. \$2.95 N 4.95
SPIN TUNING KNOB FOR REC. 1.00
CONNECTOR PLUGS F/REC-TRANS. 1.50

C-26/ARC CONTROL BOX 1 REC. U. 1.50
BC-496 " " 2 " N. 1.95
BC-451 " " 1 TRA. U. 1.50
BC-450 CONTROL BOX 3 RECEIVER 2.00

AMPLIFIER

AM203B/ARA-19 AMPLIFIER; PART OF REMOTE COMPASS TUNING SYSTEM AS USED WITH ARN-6 RADIO COMPASS. PROVIDES AN ACCURATE MEANS OF TUNING ELECTRICALLY. WITH 2/26A7 TUBES 1/12SN7 TUBE. OPERATES FROM 24 VOLT D.C. ALSO HAS 3 SEALED RELAYS, COND. RES. ETC. SIZE: 5x6x4 1/2; WT: 5 LBS. RE-NEW \$3.95



COMMUNICATION RECEIVER



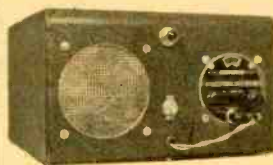
BC 348

BC-348 AIR FORCE COMMUNICATION RECEIVER: A.M. SIX (6) BANDS 200 KC. TO 500 KC. & 1.5 MC. TO 18 MC. W/CRYSTAL PHASING, ANTENNA ALIGN, BEAT OSCILLATOR AND AUDIO GAIN CONTROLS, VERNIER AND SPEED TUNING, AVC & MVC, PHONE AND SPEAKER JACKS, LARGE ILLUMINATED DIAL, WITH TUBES 1/6 J7, 3/6K7, 1/6C5, 1/6K6, 1/6B8, 1/6F7. VOLTAGE REQUIRED 24 VOLTS AND 220 VDC & 70 MA.
SIZE: 18x10x9 1/2; WT: 40 LBS. (PRICES LESS DYN)
PRICE: USED LESS DYNAMOTOR \$69.50
" " " OPER. CHECKED 79.50
DM-28 DYNAMOTOR USED " " 4.95
FT-154 SHOCK MOUNTING FOR RECEIVER N 2.75
AC POWER SUPPLY WITH SPEAKER 115 VOLT 18.95
PL-103G PLUG FOR REAR OF RECEIVER 2.50

SEA RESCUE

AN/CRC-7 TRANSMITTER-RECEIVER VHF SEA RESCUE 140.58 MC., TWO-WAY COMMUNICATION VOICE OR M.C.W. (CONVERSION TO TWO METER CAN BE FOUND IN SURPLUS CONVERSION MANUAL #3 & SURPLUS SCHEMATICS HANDBOOK HAS SCHEMATIC, PRICE \$3.00 EA.) WITH 3/3A5, & 1/3C4 TUBES. OPERATES FROM DRY CELL BATT. 1.3 VDC FOR FILAMENTS AND 97.5V FOR B VOLTAGE, HAS 3 PUSH BUTTONS FOR TONE, REC, AND TRANS. ONE ELEMENT IS USE FOR MIC AND PHONE, TELESCOPING ANTENNA. TRANSMITTER IS CRYSTAL CONTROLLED AND RECEIVER IS SUPER-REGENERATIVE.
SIZE: 15" LONG 2 1/2" DIA. WT: 4 LBS.
PRICE: USED.....\$14.95

AC BEACON RANGE RECEIVER



BC1206-C BEACON RECEIVER



BC-1206 AIRCRAFT BEACON RECEIVER 200 TO 400 KC. OPERATES FROM 24 VDC 1.5 AMPS, 135 KC IF. COMPLETE WITH TUBES 2/14H7, 1/14J7, 1/14R7 & 1/28D7. CONTINUOUS TUNING, VOLUME CONTROL, ON/OFF SW. & PHONE JACK. SIZE: 4x4x6 1/2. WT: 5 LBS. SHOWN TO RIGHT.

PRICE: USED \$14.95 RECEIVER ONLY
AC BEACON RANGE RECEIVER IN CABINET WITH 115 VOLT 60 CYCLE POWER SUPPLY & 4" PM SPEAKER, READY TO OPERATE. SIZE: 10x6x6; WT: 18 LBS.
PRICE, COMPLETE WITH NEW CABINET & POWER SUPPLY AND UNUSED RECEIVER \$34.95....
SAME AS ABOVE, LESS RECEIVER.. \$19.95

POWER SUPPLY ONLY, 115 VOLT 60 CYCLE OPERATION OUTPUT 24 VOLTS DC 1.5 AMPS. MOUNTED ON METAL CHASSIS 6x5x7; WT: 5LBS. KIT...\$7.00 WIRED \$9.95



R-4/ARR-2 RECEIVER 234-258 MC DESIGNED FOR REMOTE CONTROL OPERATION, REQUIRES A MODULATED SIGNAL IN THE RANGE OF 540-830 KC AND MAY BE SET AT ANY ONE OF SIX FREQ. RECEIVER CAN BE USED FOR BEAT NOTE HOMOING OR FOR VOICE RECEPTION. WITH TUBES 1/12A6, 3/6AK5, 7/9001, VOLTAGE REQ. 24 VDC & 250 VDC 60 MA.
SAME SIZE AS COMMAND REC. "G" RE-COND \$11.95



MOUNTINGS- RACKS- FLEXIBLE SHAFTS
FT-234 ONE COMM. TRANS. RACK \$1.50
FT-226 TWO " " " 2.00
FT-220 THREE " " " 2.00
FT-225 ONE " MODULATOR " 1.50
MC-215 FLEX. SHAFT F/COMM REC. 6 FT. \$1.50 MORE THAN 6' 25EA.X
STANDARD SAR SHOCKMOUNTING RACK
FT-167 5x19-5/8" 16-56 LB. 2.75
FT-171 10x19-5/8" 16-56 LB. 3.75

TRANSMITTERS - RECEIVERS



BC-230/430



BC-229/429

BC-230/430 TRANSMITTER

Transmitter approx. 10 watts Voice and 20 watts CW in the freq range of 3000 to 7700 KC by use of plug in coils. Uses tubes 2/10Y, 2/45. Output meter 2" 0 to 1.5 RF. MO control on front panel. Voltage required approx 300 VDC for plates & 12VDC for BC-230 & 24 VDC for BC-430. Size 13"x8"x 7". WT. 10 1/2 lbs.

Price with tubes, plug in coils & schematic, UNUSED \$8.95

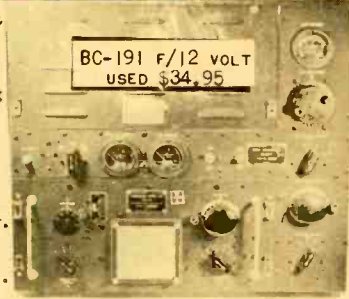
BC-229/429 RECEIVER

Receiver TRF, uses plug in coils to cover the freq. range of 201 to 398 & 2500 to 7700 KC. Six tubes 1/37, 1/38, 4/39. Voltage required 220 VDC to 275 VDC 80 MA. & 12 VDC for BC-229 & 24VDC for BC-429. Size 16 x 8 x 7. WT 12 lbs.
Price with tubes,, plug in coils & schematic, used \$8.95

Control Box BC-231 F/ receiver or BC-232 F/ trans. each \$1.00
Connector plugs for rec, trans., dynamotor or boxes, " \$1.00
Schematic showing rec, trans, boxes etc. \$1.00
Tuning knob for Receiver local control \$1.00
Remote tuning head for receiver \$2.00
Remote tuning shaft for receiver, specify length \$1.50
Separate coils for receiver, specify freq. coverage \$1.75
Dual coil 201-398 & 2500-4700 or 4700-7700 each. \$1.75
Separate coils for transmitter, specify freq coverage. \$1.75
2500-3200, 3200-4000, 4000-5000, 5000-6200, 6200-7700.
Mountings for Rec., Trans. Dyn.. Each mounting \$1.50

TRANS BC-191 SEE PAGE 25 FOR TUNING UNITS

TRANSMITTER AM 100 Watt CW - MCW - Voice, Frequency coverage 200 -500 KC & 1500 - 12,500 KC. by use of plug in tuning units listed below.
Tube line up 1/10Y & 4/VT-4C (211). Complete with tubes, less tuning units. Requires 12VDC for BC-191 & 24 VDC for BC-375 filaments & relay. 1000 VDC 350 MA. plates. Meters 2" for reading 0-8 RF, 0-500 MA, 0-15 DC. With schematics.



BC-191 F/12 VOLT USED \$34.95

DYNAMOTORS BD-77/12 VOLT; USED \$12.95
PLUGS FOR TRANSMITTER OR DYNAMOTOR; EACH PLUG \$1.00
CABLES WITH PL-61. PL-64, PL-59.....\$2.75

ANTENNA COUPLER



CU-168 ANTENNA COUPLER; PROVIDES MEANS FOR OPERATING FIVE RECEIVE FROM A SINGLE ANTENNA. THE INPL CIRCUIT TO WHICH THE ANTENNA IS CONNECTED IS DESIGNED FOR OPERATION FROM AN UNBALANCED LINE HAVING A NOMINAL IMPEDANCE OF 70 OHMS. THE OUTPUT TO THE RECEIVER IS ALSO 70 OHMS. COVERS THE FREQUENCY RANGE OF 2-32 MC. WITHOUT ANY TUNING OR ADJUSTMENT. EACH REC. COUPLING CIRCUIT HAS 4/12AJ7 TUBES OF 20 TUBES IN ALL. POWER SUPPLY OPERATES FROM 115 V 50-400 CYCLE. RACK PANEL MOUNTING 19 X8 1/2, 5/4 TUBE IS USED IN P.S., UG-21 COAXIAL CONNECTORS FOR INPUT CIRCUITS. SHPG. WT; 75 LBS. WITH TUBES UG-21 COAXIAL CONNECTORS, AND MANUAL.
PRICE; NEW \$29.95

DIRECTIONAL ANTENNA

AS-81/GR DIRECTIONAL ANTENNA SYSTEM; DESIGNED AS AN ADDITION TO COMMUNICATION RECEIVERS THIS SYSTEM PERMITS THE USE OF UNIDIRECTIONAL RECEPTION. TWO LOOP ANTENNAS FOR COVERING THE FREQ. OF 1.1 TO 4.2 MC AND ONE TELESCOPING WHIP ANT. THE UNIT ALSO HAS ONE TUBE TUNEABLE SENSING CIRCUIT USING A 12J5 TUBE AND OPERATES FROM A 12 VOLT VIBRATOR POWER PACK THAT IS SUPPLIED THE COMPLETE UNIT AS DESCRIBED IS CONTAINED IN A CARRYING CHEST 15x14x20 1/2 WITH CABLES AND MANUAL. SHPG. WT: 75 LBS.
RENEW \$19.95



SCR-522 RADIO SET

100-156 MC

RECEIVER-TRANSMITTER AM, FOUR CHANNEL, CRYSTAL CONTROL, 30 WATT OUTPUT, 18 TUBES AS FOLLOWS: TRANSMITTER, 1/6SS7, 2/832, 3/12A6, 1/6G6, RECEIVER: 1/9002, 1/9003, 3/12A6, 1/12C6, 2/12AH7, 1/12H6 & 3/12SG7. BOTH UNITS CAN BE REMOVED FROM CASE SEPARATELY. OVERALL SIZE: 16 1/2 x 12 1/2 x 10-3/4" WT: 49 LBS. PRICE: USED \$29.95



RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE: USED WITH TUBES \$14.95 NO TUBES

RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED, WITH TUBES \$14.95 NO TUBES \$7.95

TRANSMITTER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED WITH TUBES \$18.95 NO TUBES \$7.95

BC-602 CHANNEL SELECTOR CONTROL BOX WITH PUSH BUTTONS. BC-602B USED \$1.95 BC-602D NEW \$2.95

NOTE: FOR THE MICROPHONE & PHONE CIRCUITS JACKS CAN BE INSTALLED IN THE BC-602

JB-29 JUNCTION BOX NEW \$2.95
 AN-104 ANTENNA, METAL COVERED WOOD NEW 1.95
 PE-98 DYNAMOTOR 12 VOLT USED 9.95
 PE-94 " 24 " 4.95

PLUGS REQUIRED FOR THE EQUIPMENT

SCR-522 RECEIVER-TRANSMITTER REQUIRES THE FOLLOWING PLUGS, PL-173 TO ANTENNA, PL-169 TO DYNAMOTOR, PL-170 TO JB-29 JUNCTION BOX. \$1.50 EACH

BC-602 CONTROL BOX, REQUIRES FOLLOWING PLUGS, PL-169 TO JUNCTION BOX. \$1.50 EA.

PE-98 OR PE-94 DYNAMOTOR REQUIRES FOLLOWING PLUGS, PL-172 TO BATTERY, PL-171 TO RECEIVER-TRANSMITTER. \$1.50 EA.

JB-29 JUNCTION BOX, REQUIRES THE FOLLOWING PLUGS, PL-170 TO RECEIVER-TRANSMITTER PL-169 TO BC-602 CONTROL BOX. \$1.50 EA.

RA-62 AC POWER SUPPLY FOR SCR-522, OPERATES FROM 115/230 VOLTS 60 CYCLE, SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION. SIZE: 16x11x11; WT: 75 LBS. PRICE USED \$59.50 REQUIRES PL-171 PLUG FOR HOOK-UP TO REC-TRANS PRICE \$1.50. AC LINE CORD DETACHABLE TYPE \$1.00

BC-733 RECEIVER 108.3-110.3 MC AM

AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-

POINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY. OPERATES ON SIX CRYSTAL CONTROL PRESET FREQ. COMPLETE WITH TEN TUBES: 1/12AH7, 2/12SG7, 3/717, 2/12SR7, 1/12SQ7 & 1/12A6. VOLTAGE REQUIRED: 24 VDC & 220 VDC 80 MA. WITH SCHEMATIC. SIZE: 13 1/2 x 5 x 7 WT: 17 LBS. PRICE: USED \$5.95

1-101C CROSS POINT INDICATOR, USED \$1.95
 PL-257 PLUG TO FIT 1-101C 1.50

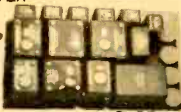
BC-732 CONTROL BOX USED \$1.95 NEW \$2.95
 CABLE WITH PL-254 TO FIT BC-733 REC. AND PL-256 PLUG TO FIT BC-732 CONTROL BOX 3 FT. PRICE: \$4.95 PLUGS ONLY 1.50
 PRICE: \$4.95 PLUGS ONLY \$1.50 EA.

DM-53 DYNAMOTOR 24 VOLT USED \$4.95 NEW \$6.95
 DM-53 AZ " 12 " NEW 7.95
 AS-27 RAMS HORN ANTENNA \$5.95
 PL-284 TWIN COAX PLUG F/BC-733-AS-27 1.00

COMPUTER

COMPUTER PRIMARY CONTROL BOX MK-1 CONTAINS 1 AY-232 AUTOSYN, 4 BAND SWITCHES, 4 TOGGLE SW. 6 PILOT LITE 2 SMALL DIRECT LITES, 4 RELAYS, 24 V KNOBS, CONN. ETC. SIZE 6-3/4 x 10 1/2 x 6; WT: 10 LBS. \$3.95

NAVIGATIONAL AIR DATA COMPUTER 6 SERVO AMPLIFIERS #SA 118H 1/P.S.#107861, 1 TEST ADAPTER, POSITIONERS FOR JUMP ANGLE, TRUE AIR SPEED, DYNAMIC PRESSURE, AIR DENSITY, ANGLE OF ATTACK & MACH. SIZE: 9x5x17; WT: 40 LBS. USED \$18.95



ARC-3 100-156 MC

R-77/ARC-3 VHF AIRCRAFT TYPE AM RECEIVER, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 9001, 9002, 12A6, 12H6, 12SH7, 12SL7, 2/12SN7, 3/12SG7 & 6/6AK5. VOLTAGE REQUIRED 24 VDC & 210 VDC 125 MA. SIZE: 11x7x15. WT: 21LBS. W/SCHEMATIC PRICE: USED WITH TUBES \$22.50 CONNECTOR FRONT OF SET \$2.50

T-67/ARC-3 VHF AIRCRAFT TYPE TRANSMITTER AM, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 2/832, 2/6L6, 1/5J5, 3/6V6 & 1/12SH7. VOLTAGE REQUIRED 24 VDC & 410 VDC 325 MA. SIZE: 15x7x12 1/2. WT: 21 LBS. PRICE: USED WITH TUBES..... \$22.95



JB-68 JUNCTION BOX FOR ARC-3 RADIO SET USED TO MOUNT DYNAMOTORS DY-22 FOR REC & DY-21 FOR TRANS. ALSO HAS CONNECTOR PLUGS TO HOOK UP REC TRANS, CONTROL BOX & POWER, & RELAYS. SIZE: 10 1/2 x 3 1/2 x 8 1/2. WT: 7 LBS. PRICE USED..... \$7.95

CONNECTOR PLUG FOR EACH FACILITY \$2.50 EACH
 C-118/ARC-3 CONTROL BOX FOR RECEIVER AND TRANSMITTER. HAS EIGHT PUSH BUTTONS FOR CHANNEL SELECTION AND ONE FOR OFF. SIZE: 6x3x7 WT: 2 LBS. PRICE: \$4.95 CONNECTOR PLUG U-16/U 2.50

IE-36 TEST SET FOR SCR-522 REPRODUCES THE OPERATING FUNCTIONS OF THE CONTROL BOX & JACK BOXES OF THE RADIO BY PROVIDING HEADPHONE & MICROPHONE, CHANNEL SELECTION PLUS ALL OTHER CONTROLS NECESSARY TO OPERATION AND TESTING. CONTROL UNIT BC-1303 PLUGS DIRECTLY INTO THE SCR-522 ALSO HAS PHANTOM ANTENNA & CORD, LAMP EXTRACTOR, ADAPTER PHONE CORD, INSTRUCTION BOOK AND CARRYING CASE, 10x10x4; WT: 8 LBS. PRICE: NEW \$6.95

SCR-522 CABLES WITH PLUG ON ONE END AND LUG TERMINALS ON THE OTHER. EACH CABLE \$2.95
 CX-58/VRC-1 PLQ-170 PLUG & LUGS, 36" LONG.
 CX-60/VRC-1 PL-169 " " " 36" "
 CX-62/VRC-1 PL-172 " " " 66" "

TRANSCIEVER

BC-745 AM TRANSMITTER-RECEIVER COVERING THE FREQ. RANGE OF 2-6 MC PHONE, WITH A RANGE OF FIVE MILES UNDER FAVORABLE CONDITIONS. CRYSTAL CONTROL ON TWO PRESELECTED FREQ. BY USE OF PLUG IN COIL & CRYSTAL ASSY. BC-746. THE SET SIZE IS 6x6x6 AND IS MOUNTED ON A 32" STAFF AND HOUSES THE TELESCOPING ANTENNA WHEN NOT IN USE. COMPLETE WITH TUBES, 1/1S5, 3/1T4 & 5/3S4 & ONE PLUG IN FREQ. ASSY. VOLTAGE REQUIRED 1.5 VDC/5 MA, 67.5 VDC/20 MA & 105-125 VDC/50 MA. WT: 10 LB PRICE: USED, \$14.95 UNUSED \$19.95



BC-746 PLUG IN COILS & CRYSTAL ASSEMBLIES CHANNEL #1 3010 Kc CHANNEL #2 5030 Kc CHANNEL #3 5500 Kc CHANNEL #4 5305 Kc ONE OF THE ABOVE SUPPLIED WITH PURCHASE OF SET, ADDITIONAL UNITS \$1.95 EA.

T-39 CHEST UNIT THAT WAS USED TO CARRY DRY CELL BATTERIES, ALSO HAS MICROPHONE, PHONE JACK AND NECESSARY CABLE FOR CONNECTING TO RADIO SET. PRICE: USED, \$3.95 UNUSED \$5.95

PE-157 VIBRATOR POWER SUPPLY; OPERATES FROM 2 VOLT WET BATTERY BB-54 WHICH IS INSTALLED INSIDE THE CASE THAT SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION OF THE RADIO SET ALSO HAS 4" PM SPEAKER, CARRYING HANDLE AND CABLE FOR CONNECTING TO SET. SIZE: 11 1/2 x 5 1/2 x 8 1/2 WT 17 PRICE: USED NO SPEAKER \$10.95 \$12.95

PRESSURIZING UNIT

MK-23/AP PRESSURIZING UNIT; C/O OF A CYLINDER APPROX. 13 IN. LG. 2 IN. DIA. ATTACHED TO A GAGE 0-30, 3/4" INLET CYLINDER AND A 4" HOSE LINE. P/O APS-15 PRESSURIZING KIT. WT: 10 LBS. PRICE: \$3.95



COMPASS RECEIVER

AN/ARN-7 RADIO COMPASS RECEIVER 100 TO 1750 KC USED FOR AIRCRAFT DIRECTION FINDING BUT CAN ALSO BE USED ON BOATS. THE RECEIVER IS A SUPER-

HETERODYNE WITH ADDITIONAL CIRCUITS FOR OPERATION OF THE AURAL RECEPTION AS SHOWN ON THE INDICATORS. COVERS THE FREQUENCY RANGE OF 100 TO 1750 KC IN FOUR BANDS CONTINUOUS TUNING FROM CONTROL BOX WHICH IS A SEPARATE UNIT. UNIT OPERATES FROM 115 VOLT 400 CYC & 24 VDC AND IS COMPLETE WITH TUBES 4/6K7, 1/6L7, 1/6J5, 2/6B8, 2/6F6, 1/6N7, 1/5Z4, 1/6SC7 & 2/2051. SIZE: 12x8x19; WT 45 LBS.

R-5/ARN-7 RECEIVER ONLY, USED \$18.95
 ITEMS LISTED BELOW ARE REQUIRED FOR ADF OPER.

C-4/ARN-7 CONTROL BOX USED \$3.95 NEW \$5.95
 I-81 INDICATOR 3" USED \$3.95 RENEW 4.95
 I-82A " 5" USED 7.95
 LP-21 AM LOOP ANTENNA " 9.95
 FT-224 MOUNTING F/C-4CB " 1.50
 MG-149F INVERTER " 24.95
 MC-203 SHAFT COUPLING "T" " 1.00
 MC-136 SHAFT " RT/ANGLE " 2.50
 BK-22 RELAY JUNCTION BOX " 2.95
 MC-124 FLEXIBLE SHAFT 2 FT. 1.50
 CD-365 CABLE FOR LOOP 5 FT. 2.75
 PL-122 CONNECTOR PLUG FOR RECEIVER 2.50
 PL-118 " " " LOOP 2.50
 PL-118 " " " I-81 OR I-82 2.50

BC-431 COMPASS RECEIVER SIMILAR TO ABOVE REC. IN SIZE, WT: & FREQ. USES DYNAMOTOR, USED \$9.95
 MN-26LB RECEIVER 200-410, 550-1200kc & 2.9 TO 6 MC. (SEE BELOW FOR ACCESS) LESS DYN. U \$14.95

MN-20C MANUAL ROTATABLE LOOP ANTENNA USED WITH RA-100B & MN-26 RECEIVERS AS A DIRECTION FINDING ANTENNA IN THE 150 TO 1500 KC RANGE. 7LBS MC-124 FLEXIBLE SHAFT FOR USE WITH LOOP 10 FT. \$1.95
 AC-58267-2 CABLE 5 WIRE SHIELDED FOR ANTENNA CONNECTIONS. 8 FT. PLUG ONE END ONLY. \$1.95
 MN-52 AZIMUTH CONTROL FOR MANUAL TURNING OF LOOP WITH CRANK AND BY USE OF FLEXIBLE SHAFT, HAS 0-360 DIAL, GRAIN OF WHEAT LAMP SWITCH & CRANK. \$2.95



MN-40 INDICATOR CONTROL BOXES
 0-360 DEGREE MN-28C/MN-26C
 SCALE 5" WITH MN-28LB/MN-26LB
 VAR. ADJUSTMENT. USED \$3.95 EA.
 SAME AS I-82 CONNECTOR PLUGS
 INDICATOR ONLY RECEIVER \$2.50
 OPERATES MECHANICALLY INSTEAD ELECT. CONTROL BX 2.50
 BY USE OF SPLINED CONNECTORS 20" \$1.50
 AS USED ON MC-124 SHAFT. 5 1/2" \$2.8 \$3.00

RADIO COMPASS

RA 101A/ARN-6 RADIO COMPASS WITH A FREQUENCY RANGE OF 100-1750 KC IN FOUR BANDS. COMPLETE WITH TUBES 6/12K7; 4/12X7; 1/12Y7; 1/12SN7; 2/26A7; 2/2050. OPERATES FROM 26.5VDC. WT. 35LB. SIZE: 11 1/2 x 7 1/2 x 15 1/2 PRICE: \$39.50

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS. OPERATES FROM 26 VOLTS 400 CYC. SIZE: 10x11x5 WT. 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95 ANNUAL FOR RA 101A/ARN-6.....\$5.00

ID-91 B/ARN-6 INDICATOR 0-360 DEG. 3 1/2" DIA. INDICATOR FOR ARN-6 RADIO COMPASS SYSTEM \$8.95

C-149 A/ARN-6 CONTROL BOX BOX CONTAINS THE FOLLOWING CONTROLS. OFF-COMP.-ANT.-LOOP; FUNCTION SWITCH, TUNING METER, LOOP L-R SWITCH, LIGHT CONTROL, DIAL BAND SWITCH, CONTROL SWITCH, TUNING CRANK, AUDIO CONTROL, CW- VOICE SWITCH. \$8.95



Headsets — Telephone Equipment — Microphones — Handsets



HS-33 HEADSET
NEWLY MANUF.
HEADBAND & 4 1/2 FT.
CORD WITH PL-55
TYPE PLUG. AIR
FORCE GREY. 600
OHM IMPED. WITH
CHAMOIS CUSHIONS
\$7.95
w/ RUBBER CUSHIONS
\$6.95



HB-7 HEADBAND ONLY
WITH 4 1/2 FT.
CORD AND PL-55
TYPE PLUG. AIR
FORCE GREY.
\$3.00
CHAMOIS CUSHIONS
\$1.50
RUBBER CUSHIONS
\$1.50



HS-23 HEADSET
NEWLY MANUF.
WITH 4 1/2 FT.
CORD & PL-55
TYPE PLUG. AIR
FORCE GREY. 2000
OHM IMPED. WITH
CHAMOIS CUSHIONS
\$6.95
w/ RUBBER CUSHION
\$5.95



H-113/U HEADSET
600 OHM
SOFT PLASTIC
EAR CUSHIONS
18" CORD w/
PL-54 PLUG
THAT FITS
JK-26 JACK
(SEE CD-307
EXTENSION CORD ELSE-
WHERE ON THIS PAGE)
WT: 3LBS. USED-EX \$3.95

H-62 HEADSET SAME AS
H-113/U ONLY IN BLACK
AND HAS PROVISIONS FOR
SNAPPING ON LIP MICRO-
PHONE CW-51071 LISTED
BELOW. USED-EX. \$3.95

CW-51071 LIP MICROPHONE
100 OHMS IMPEDANCE w/
2 SNAPS FOR FASTENING
TO H-62 HEADSET, 14"
CORD w/ PL-291 PLUG
INTO EXTENSION CORD
CD-318 LISTED ON THIS
PAGE OR CW-49561 EXTEN-
SION CORD LISTED BELOW
USED \$1.00

CW-49561 EXTENSION CORD
FOR LIP MIC. CW-49561,
T-45, T-30, M/A OR ANY
OTHER CORD WITH MATING
PLUG PL-48/291. HAS PL-
68 MIC. PLUG AND IS 5 FT.
WITH MOMENTARY SWITCH.
UNUSED \$1.50



TELEX MRB-12 HEADSET
50-10K CYC. CRY
STAL TYPE.
MICPHONE ON
ADJUSTABLE
BOOM, CERAMIC
50-9000 CPS. FIVE FOOT
CORDS WITH PL-55 ON EA.
RE-MOVEABLE RUBBER CUS-
HIONS FOR CLEANING.
BOOM MIC & HEADSET
50,000 OHM... USED \$8.95
4,000 " USED 9.95

LAFAYETTE MICROPHONE. HIGH OUT
PUT CERAMIC MIC.
PUSH TO TALK SW.
PLASTIC CASE,
COILED CORD,
5 PRONG
AMPHEOL
PLUG.
UNUSED \$5.95 SHURE #CA9R

M/A CARBON MICROPHONE
75 OHM IMPEDANCE, FITS
OVER MOUTH
TO ELIMINATE NOISE, HELD
IN PLACE BY STRAPS, FREQ
RESPONSE 400-3200 CPS.
1 1/2 INCH CORD WITH PL-
291 PLUG TO FIT CD-318
OR CW-49561 EXTENSION
CORDS DESCRIBED ON THIS
PAGE. NEW \$2.50



MODEL A-200
\$2.95
ACOUSTICON CORD-
LESS MICROPHONE
AND AMPLIFIER
HEARING AID, HEAD
BAND TYPE ASSEMBL
CONSISTS 3" MIC.
AND 3 TUBE AMPLI-
FIER WITH VOLUME
CONTROL AND BATTERY
COMPARTMENT
MOUNTED IN A
LIGHTWEIGHT HEADBAND. USES MERCURY
BATTERY RM-1H & MINI-MAX 15 V.
504E EVEREADY. PRICED WITH TUBES,
LESS BATTERIES AND PHONE UNIT.
#A200 NEW: \$2.95

ACOUSTICON HEARING AID
MICROPHONE CASE ONLY WITH
TRANSFORMER, VOLUME CONTROL
REGISTERS, CONDENSERS, AND
BATTERY HOLDER. NO MICRO-
PHONES TUBES OR BATTERIES
SATIN FINISHED GOLD COLOR
CASE. SIZE: 2 1/4 x 4 1/4. MODEL
A-320 CASE ONLY WITH PARTS
AS DESCRIBED ABOVE NEW \$4.39

TS-9 HANDSET NO PLUGS WITH
BUTTERFLY SWITCH &
PUSH TO TALK SWITCH & LUGS
USED \$3.95
TS-11 Handset; 4 COND-CORD,
5 1/2", CARBON MIC 50 OHM
PHONE 3500 OHM, w/PL-106
PLUG. NEW \$4.95

T-17 MICROPHONE SOUND
POWERED
HANDSET
TYPE WITH
PUSH TO TALK
RE-COND.
\$9.95
WITH COILED
CORD 1-4"
STK #D173012
NEW \$7.95

H-22/U HANDSET
WITH "Y" CORD 5'
PL-55 & PL-68
PLUGS. 3000 OHM
PHONE, 40 OHM
MIC, CARBON.
600-3000 CYC.
BUTTERFLY SW
RE-NEW \$4.95
HANDSET HOLDER
RUBBER COVERED AS ILL-
USTRATED \$1.50
CAST ALUMINUM \$2.00

T-24/M CARBON MICROPHONE
WITH PUSH TO TALK
BUTTON AND
MODIFIED WITH
4 FT. COILED
CORD & PL-68
PLUG. WT: 1/2 LB. PRICE: NEW \$4.95

H-18(M) CARBON MICROPHONE F-1
TYPE ELEMENT MOUNTED ON PLATE
2x4" WITH 4" ADJUSTABLE BOOM
& PL-292 PLUG TO FIT CD-318
CORD. PRICE: \$1.50

DICTIPHONE HEADSET
ASSY. LIGHTWEIGHT BAND
WITH PLASTIC EAR PICES
CONNECTED TO RUBBER
TUBE THAT COMES TO A
Y THAT EXTENDS TO A
RUBBER CUP 4". CAN
BE USED AS A VIBRATION
TESTER OR A WAY OUT
SOUND REPRODUCER.
STK # 6C262-719
PRICE: \$1.00

TELEPHONE EXTENSION
CORD WITH PLUGS.
25 FT. w/4 PRONG
MALE & FEMALE CON-
NECTIONS. \$2.75
WALL & CORD PLUGS TO FIT, EA \$1.25

PUSH BUTTON & CALL TELEPHONE BELLS
SIGNAL LIGHT SAME USE AS EXTENSION
SIZE AS TELEPHONE : : : : : N SHOP
DIAL. MAKE OWN : : : : : ETC.
INTERCOM. : : : : : 2 LB.
\$3.39 EA. : : : : : 4x4x1
\$3/1.00 : : : : : 4B3661A
: : : : : \$1.50



HS-30 HEADSET
250 OHM IMPEDANCE
HEARING AID TYPE
EAR PCS. FIT IN-
SIDE EAR. LIGHT-
WEIGHT HEADBAND,
CORD 9" LG. WITH
SPADE LUGS.
(SEE CD-604 CORD)
USED \$1.00



TELEPHONE TRANSMITTER CHEST SET ;
150 OHM IMPEDANCE
TRIANGULAR SHAPED
BREASTPLATE, HORN
MOUTHPIECE TYPE#
A-1. NO STRAPS.
WESTERN ELECTRIC
#396A \$1.50



T-45 LIP MIC
MOMENTARY & HOLD SWITCH
U777/U CONNECTOR, 6 FT.
CORD. USED \$7.95

H-144/U HANDSET CAN BE
USED FOR HEADSET WITH
BOOM BY ADDING
WIRE HEADBAND.
PHONE 300 OHM
MICROP. 40 "

T-30 THROAT MIC. Elements
only \$1.00
a dozen

T-45 MICROPHONE
CARBON TYPE 100OHM
500B BELOW 1 MILL-
VOLT, FLAT RESPONSE
WITH PL-291 2 CONT
MALE PLUG, 11" CORD
USED 75¢

CD-307 CORD EXTEN-
SION FOR CORDS WITH
PL-54 PLUG AS USED
ON HEADSETS, 65" LG
WITH JK-26 JACK &
PL-55 PLUG.
USED \$1.00

T-30 MICROPHONE
CARBON TYPE, 75 OHM
500B BELOW 1 MILL-
VOLT, FLAT RESPONSE
WITH PL-291 2 CONT
MALE PLUG, 11" CORD
PRICE: USED 3/8"
UNUSED \$1.00

CD-318 EXTENSION
CORD WITH PL-291
2 CONTACT FEMALE
PLUG TO FIT T-45 &
T-30 MICS. SW-141
SWITCH & PL-68 MIC
PLUG ON 7 FT. CORD
USED \$1.00

CD-604 CORD WITH
IMPEDANCE MATCHING
TRANSFORMER 500OHM
TO 4000, USED WITH
HS-30 HEADSET, 6"
CORD & PL-54 PLUG.
NEW 50¢ USED 25¢

M-29 MICROPHONE
CARBON
100 OHM
CORD w/ LG
77 PLUG.
U- \$3.95

PL-68 MIC PLUG
30" CORD 75¢

CD-605 CORD SAME
AS CD-604 ONLY 30"
LG. WITH PL-55 PLG
USED \$1.00

MICROPHONE
BUTTON
CARBON
50 OHM
WILL REPL-
ACE F-1 ELEMENTS.
#K-53-0654 \$1.00

JK-33 JACK TO FIT
PL-68 MIC. PLUG.
USED 6 FOR 50¢

PL-55 PHONE PLUG
30" CORD 75¢

SOUND POWERED
MICROPHONE
IN PLASTIC
CASE, PUSH
TO TALK
BUTTON, NO CORD
#5016 USED \$1.50

COILED CORD SET

JK-34 PHONE JACK
TO FIT PL-55 PLUG
USED 6 FOR 50¢

SOUND POWERED
HEADPHONE
IN PLASTIC
CASE, NO
CORD.
#R5017 USED \$1.50

COILED CORD SETS
THREE CONDUCTOR
24" to 72" 75¢
12" to 36" 50¢
FOUR CONDUCTOR
12" to 36" \$1.00
ONE CONDUCTOR
#18 6 FT.-18 FT.
\$1.00

MC-385 HIGH to LOW
ADAPTER
IMPEDANCE
FOR HEADSET
4000-600OHM
USED .50
NEW \$.75

HEADSET
EARPHONE
CUSHIONS
SPONGE
RUBBER FOR
2 1/2" ELEMENTS.
#48514 \$1.00 PAIR

TELEGRAPH SET

TG-5 TELEGRAPH SET; PORT-
ABLE UNIT USED FOR CODE
COMMUNICATION OVER LAND
WIRE LINES. TWO OR MORE
UNITS CAN BE OPERATED IN
SERIES. CAN BE USED FOR
CODE PRACTICE OR TEACHING
CONTAINS BELL CALL SYSTEM
1000 CYCLE TONE HOWLER, TEL. KEY, HEADPIECE,
CANVAS CASE, BOOK ETC. REQUIRES 22.5 AND 2
1.5 VOLT BATTERIES FOR OPERATION. LESS BAT-
SIZE: 5 1/2 x 10 x 5 1/2; WT: 8 LBS. PRICE: NEW \$9.95

**R-15 PHONE ELE-
MENT 6000 OHM**
w/ RUBBER CUSH-
ION F/2" HEAD-
BAND MTG.
\$1.25

F/TS-9K HANDSET
250 OHM, 2 1/2" DIA
1 1/2" DIA.
w/ CLIPS.
K.S #838
\$1.00

CANADIAN PHONE
ELEMENT 100 OHM
2" DIA. FOR
2" HEADBAND.
#C-3 10A/36988
\$.75

PHONE ELEMENT
F/TS-13, H-23 ET
HANDSET, TYPE 41
3500 OHM. AUTO.
ELEC. D-5189A
\$1.00

CANADIAN LIGHTWEIGHT
HANDSET
NO CORD
PHONE 300 o
MIC. 50 OHM
#1TE NOI
MK-11
YA-7225
\$3.95

PHONE ELEMENT
F/TS-13, H-23 ET
HANDSET, TYPE 41
3500 OHM. AUTO.
ELEC. D-5189A
\$1.00

**CANADIAN MICRO-
PHONE w/ SWITCH**
& CORD FOR ABOV
PHONE, MAGNETIC
300 OHM, #10A/12
57L \$1.25

STANDARD TYPE
TELEPHONE HANDSET
& BELL RINGERS
CAN BE USED AND
ANY COMMERCIAL
TELEPHONE LINE OR
OR SYSTEMS ON THIS
PAGE.
PRICE: \$6.95
EX-CONDITION

STANDARD TELEPHONE
HANDSET & CORD
PRICE: \$4.95
EX-CONDITION

DIAL ONLY
\$1.75
EXCEL
COND
\$1.95

TELEPHONE BELL FOR MAG-
NETO GENERATORS
#1x3
MC-131
\$1.50

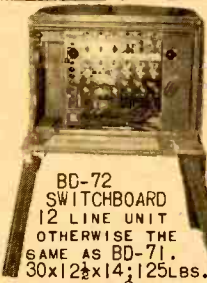
HANDSET HOLDER FOR
HORIZONTAL
MOUNTING, SIZE
1 1/2 x 3 1/2 #6988
\$.50

TELEPHONE BELL FOR MAG-
NETO GENERATORS
#1x3
MC-131
\$1.50

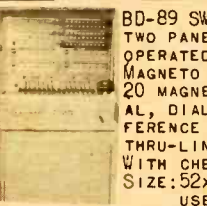
TELEPHONE EQUIPMENT



EE-8 FIELD TELEPHONE, PORTABLE HAND RINGING TYPE. CAN BE USED WITH ANY MAGNETO TYPE SYSTEM SWITCHBOARD AS BD-71, 72, 89, 91, 96 ETC. OPERATES FROM 2 FLASHLIGHT BATTERY UP 17 MILES, TWO OR MORE PHONES CAN BE OPERATED ON TWO WIRE LINE. WITH CARRING CASE, STRAP & HANDSET.
 SIZE: 8x10x3 1/2; WT: 18 LBS.
 USED CHECKED LESS BATT. \$16.95



BD-71 SWITCHBOARD, PORTABLE 6 LINE HAND RINGING MAGNETO TYPE USING FLASHLIGHT BATTERIES FOR OPERATION. REPEATING COILS ON TWO LINES FOR SIMPLEXING, DROP SIGNAL AND NIGHT CALL BELL CAN BE USED WITH ANY MAGNETO TYPE TELEPHONES SUCH AS EE-8, RM-29, BD-72, 89, 91, 96 ETC. IDEAL FOR FACTORY, CAMP, FARM, MOTEL. WITH CHESTSET MICROPHONE & HEADSET. LESS BATTERIES.
 SIZE: 18x12x14; WT: 75 LBS.
 USED \$18.95 RE-NEW \$24.95
 USED \$9.95 RE-NEW \$14.95



BD-89 SWITCHBOARD, SINGLE POSITION, TWO PANEL NON-MULTIPLE, MANUALLY OPERATED TELEPHONE SWITCHBOARD. MAGNETO & COMMON BATTERY LINES. 20 MAGNETO, 40 CB, 4 TWO WAY MANUAL, DIAL DROP END TRUNK CKT, 5 CONFERENCE JACKS, 3 OUTGOING CKT., 2 THRU-LINE & 13 UNIVERSAL CORD CKT. WITH CHEST MICROPHONE & HEADSET.
 SIZE: 52x22x31; WT: 300 LBS.
 USED \$59.50

WD-1/TT INFANTRY FIELD WIRE; 2 COND. TWISTED PAIR 4 TINNED COPPER, 3 GALV. STEEL, NYLON JACKET WEATHER MOISTURE & FUNGUS RESIS. APPROX. 1200 FT. ON METAL SPOOL \$15.00; APPROX 1 MILE ON METAL SPOOL 4 LENGTH OF APPROX 1250 FT. \$40.00; COND. USED GOOD



WD-7 COPPER WELD FIELD TELEPHONE WIRE; 2 COND. TWISTED PAIR EACH COND. 7 STRAND #28 COPPER WELD. NEW MANUFACTURE. \$.03 PER FT. 1000 FT. OR MORE \$.025 PER FOOT.



BD-95 SWITCHBOARD: CORDLESS LOCAL BATTERY UNIT EQUIPPED WITH LINE LAMP SUPERVISION AND DESIGNED FOR SWITCHING LOCAL BATTERY LINES MAGNETO TYPE, MAY BE MODIFIED FOR COMMON BATTERY LINES ALSO CAN BE USED WITH OTHER TRUNK, TIE LINE LOCAL BATTERY SWITCHBOARDS.
 RE-NEW
 SIZE: 22x14x14; WT: 250 LBS. PRICE: \$24.95



MX-333/GG TAPE PULLER USED WITH CODE PRACTICE TO REEL 3/8" PAPER TAPE AS THE TAPE IS PASSED THROUGH THE RECORDER; HAS CONSTANT SPEED 110 VOLT 60 CYCLE INDUCTION MOTOR WITH VARIABLE SPEED FRICTION DRIVE ARRANGEMENT. UNIT COMES IN A WOOD CARRING BOX 10x10x15 WITH A CARRING HANDLE. WT: 27 LBS.
 PRICE, RE-NEW \$12.95

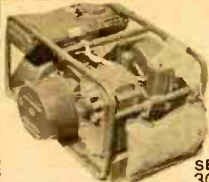


TG-10 KEYSER IS AN AUTOMATIC UNIT FOR PROVIDING AUDIBLE CODE PRACTICE SIGNALS FROM AN INKED TAPE RECORDING. THE OUTPUT OF THE KEYSER IS AN AUDIO FREQ. NOTE OF 800 CYCLES PER SEC. WITH SUFFICIENT POWER TO SUPPLY A NUMBER OF HEADSETS OR PRACTICE TABLES DIRECT CAN ALSO BE USED AS A TELEGRAPH KEY AMPLIFIER OR TAPE PULLER FOR A RECORDER. OPERATES FROM 115 VOLT 60 CYCLE. COMPLETE WITH TUBES; 2/6N7, 2/6L6, 2/6S7, 1/5U4 & 1/923.
 SIZE: 24x11x18; WT: 63 LBS.
 PRICE: USED CHECKED \$19.95 NOT CHECKED \$14.95



VO-3 OSCILLATOR IS AN ELECTRO-AUDIO TONE GENERATOR WITH A 10 WATTS OF POWER OUTPUT AT A FREQ. OF 800 CYCLES PER SEC COND. THIS POWER IS ADEQUATE FOR SUPPLYING TONE TO 200 HEADSETS THAT CAN BE KEYSER BY THE INSTRUCTOR OR STUDENTS AND FEED INTO A SPEAKER OR RECORDER. OPERATES FROM 115 VOLT 60 CYCLE, COMPLETE WITH TUBES 1/6SN7, 1/5U4 & 2/6V6GT, OUTPUT 4, 8, 12 & 16 OHMS. SIZE: 12x10x7 1/2; WT: 24 LBS.

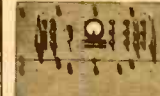
GAS ENGINE GENERATOR



COMPACT, LIGHTWEIGHT, PORTABLE ELECTRIC GENERATING SET CONSISTING OF A 1 HP, 3000 RPM 1 CYLINDER, AIR COOLED, 2 CYCLE, MANUAL ROPE STARTING GASOLINE ENGINE DIRECTLY CONNECTED TO A DC, SHUNT WOUND, SELF EXCITED, FOUR POLE GENERATOR CONTAINED IN A FRAME OF TUBULAR CONSTRUCTION MOUNTED ON A RUBBER SHOCK MOUNTING. GENERATOR OUTPUT IS 6.2/7 VDC 3.5 AMP. AND 500 VDC 230/250 MA. UNIT HAS JUNCTION BOX FOR CONNECTING CABLES FOR USE WITH USE WITH RADIO SETS SCR-694/BC-1306, AN/GRC-9/RT-77 AND IS APPLICABLE TO OTHER EQUIPMENT. COMPLETE WITH TOOL AND INSTRUCTION BOOK. SIZE: 17 1/2 x 16 1/2 x 11 WT: 57 1/2 SHPG. WT: 125 LBS.
 NEW \$39.95



R-438C/ARW-26AY DRONE RECEIVER FREQUENCY RANGE 57 TO 76 MC WITH CHOICE OF FIVE DIFFERENT TONE CIRCUITS THAT OPERATE 5 SERVO CIRCUITS WHICH ARE CONTROLLED BY MICRO RELAYS IN INDIVIDUAL LC CIRCUITS. TONE FREQ. 300, 650, 955, 1390 & 1250 KC. COMPLETE WITH TUBES 1/12AU7, 2/6AK6, 1/0A2, 28 VDC VIBRATOR SUPPLY. PHOTO SHOWS SEALED COVER RE-MOVED. SIZE: 5 1/2 x 8; WT: 8 LBS. NEW \$9.95



CN-359/GPA-23 REGULATOR VOLTAGE. 120/208 VOLTS 60 CYCLE, 3 PHASE, 27 KVA. MOTOR DRIVEN POWERSTAT ELECTRONICLY CONTROLLED. THREE SEPARATE SYSTEMS THAT WILL GIVE CONTROL, 3 PHASE IN, 3 PHASE OUT OR 3 PHASE IN, SINGLE PHASE OUT OR CAN BE DISMANTLED AND HAVE THREE SEPARATE BINGLE PHASE IN AND SINGLE PHASE OUT. CONSISTS OF 3 MOTORIZED POWERSTAT TRANSFORMERS 3 LOW VOLTAGE TRANS. 3 ELECTRONIC CONTROL CHASIS, SWITCHES, FUSES, METER ETC. USED CHECKED
 SIZE: 27x31x26; WT. SHPG. 420 LB. \$175.00

COMPUTER CONTROL

CP-53/APC-31 COMPUTER AZIMUTH CONTROL UNIT. CONTAINS A GYRO UNIT, 5 SYNCHRO 1 1/2" TYPE 400 CYCLE, 2 SPERRY DC SERVO MOTORS R5663916, RELAYS, TERMINAL STRIPS, SEVERAL SIZES OF GEARS, RESISTORS, CONDENSERS, TWO SERVO AMPLIFIERS #673097 (PLUG IN TYPE) WITH 6 TUBES, AND HEATING ELEMENT. ALSO 115 V. 400 CYC. 1 1/2" ELAPSED TIME INDICATOR. SIZE: 11x9x15 1/2; WT: 18 LB. \$7.95



BC-653 TRANS

BC-653 TRANSMITTER 2-4.5 MC, 50 WATT VOICE, 100 WATT CW. RANGE 25 TO 50 MILES DEPENDING ON CONDITIONS. MASTER OSCILLATOR CONTROL, FOUR PRESET CHANNEL SEVEN TUBES; 2/814, 807, 2/1613, 2/VR-105. TWO 2 1/2" METERS FOR READING FILAMENT AND PLATE VOLTAGES, AND CURRENT, AND OUTPUT METER. VOLTAGES REQUIRED: 12 VDC, 1000 VDC 220MA, 500 VDC 185MA. SIZE: 26x14x12; WT. 140 LBS. \$29.95
 DM-42 DYNAMOTOR 12V Used \$4.95
 FT-253 MOUNTING BASE TO HOLD RECEIVER AND TRANSMITTER. Used \$3.95
 34x12x3 . WT. 30 LBS. UNUSED 5.95



FREQUENCY METER

BC-438 FREQUENCY METER 195-215 MC CRYSTAL CONTROLLED (CRYSTAL FREQ. 4100KC), 5" VERNIER DIAL, OPERATES FROM 115 VOLT 60 CYCLE WITH TUBES 6X5, 6K7, 6J5, 6V6 & 6A8. USED
 SIZE: 8x16x8; WT: 25 LBS. \$12.95
 LINK TYPE 230 FREQUENCY METER, 376-418 MC. CRYSTAL CONTROLLED, (CRYSTAL FREQ. 3970 KC), 5" VERNIER DIAL, OPERATES FROM 115 VOLT 60 CYC WITH TUBES 6X5, 6K7, 6J5, 6V6 & 6A8. SIZE: 8x16x8; WT: 25 LBS, USED \$12.95



ANTENNA COUPLER AND ACCESSORY CASE. ANTENNA COUPLER

USED TO CHECK R-F POWER OUTPUT AND ELLIPTICITY OF CIRCULARLY POLARIZED ANTENNAS FROM ELECTRONIC COUNTERMEASURES SYSTEMS UNDER ACTUAL OPERATING CONDITIONS. FREQUENCY 950-10,500 MC. COUPLING ATTENUATION 40 DB. POWER DISSIPATION 500 WATTS. ACCESSORY CASE CONTAINS ATTENUATORS AND ATTACHMENTS FOR TESTING VARIOUS FREQUENCIES. ANTENNA COUPLER SIZE: 12x21, WT. 22 LBS. ACCESSORY CASE: SIZE: 12x12x16, WT. 28 LBS. #7507649P22 PRICE: \$29.95
 ANTENNA COUPLER STAND, EXTENDS TO 90". SIZE: 39x5 INCHES. WT. 30 LBS. PRICE: \$9.95



BC-1253 RADIOSONDE TRANSMITTER OPERATES AT 397 MC; SENDING A CONSTANT SIGNAL TO BE RECEIVED BY RADIO DIRECTION FINDER, WHILE BEING CARRIED IN THE ATMOSPHERE BY A FREE BALLOON. COMPLETE WITH ONE 955 ACORN TUBE. REQUIRES 1.5, 6 & 115 VOL BATTERIES. SIZE 3x5x6 1/2; WT: 8 OZ. PRICE: NEW \$5.99 2 FOR \$1.00



TUNER ASSEMBLY FOR 2 TO 6 MC. Part of BC-728 RECEIVER, which consists of four channel push button assy. with RF, ANT, & OSC. coils all slug tuned. Also cond. resistors etc. Size 4 x 4 x 3 1/2 Stock # 2C4728/T4. Price \$1.00



CP-15/ASG-10 COMPUTER MK-20 FOR USE WITH BOMB DIRECTOR MK-1. CONTROLS FOR SELECTION OF AIR SPEED IN KNOTS, TEMPERATURE & LANYARD, ROCKET CALIB. COARSE & FINE, BOMB MPI ADJUST. CONTAINS 88 PRECISION RESISTORS, 4 RELAYS, 2050 TUBE, & SPECIAL SELENIUM RESISTOR VALUE FINDER IN SEALED UNIT. 28 VDC DYNAMOTOR SUPPLY VOLTAGE REGULATED WITH 2/20 50 & 1/VR-150 TUBES OUTPUT OF 285 VDC 75 MA. PLUS COND. RELAYS ETC. SIZE: 14x10x8; WT: 30 PRICE: UNUSED \$7.95



CP-103/APA-44 RANGE COMPUTER, PART OF AN AIRCRAFT COMPUTER LANDING SYSTEM. WITH 2 MOTORS, 2 AUTOSYNE 2 MICROPOTS, SLIP RING, RELAYS, RECTIFIERS, PRECISION RESISTORS, 12 GRAIN OF WHEAT LAMPS, SPIN KNOBS, SWITCHES DIALS ETC
 SIZE: 7 1/2 x 12 1/2 x 8; WT: 25 LBS. USED \$12.95

MAGNETIC AMPLIFIER

TRANSMITTER SUB-ASSY. FILAMENT CHASSIS, PART OF AN/ALT-8 COUNTERMEASURES SET. CONSISTS OF CK927 FULL WAVE RECTIFIER CK843 SILICON RECT., TWO CK846 SILICON RECT. MAGNETIC AMPLIFIER TRANS. FIL. TRANS. 115/400 CYC. SEC. 6.3/6A. MINIATUR POTS. AND DPST RELAY ALL MOUNTED ON CHASSIS 7 1/2 x 3 x 3 1/2; WT: 3 LBS. PART # 2527-501-G1 PRICE: NEW \$1.95

TS-545 ECHO BOX; USED FOR CHECKING RADAR SETS IN THE FREQ. RANGE 1150 TO 1350 MC. TUNED CAVITY MANUAL TYPE METER 3 1/2" 0-100 DC MICRAMPERES. SIZE: 16x9x9; WT: 23 LBS. USED \$39.50



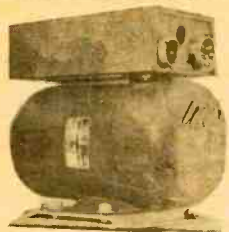
TS-270 ECHO BOX; SIMILAR TO ABOVE ONLY FREQ. 2630 TO 2970 MC. PRICE: USED \$39.95

TG-34A KEYSER

CODE PRACTICE SET USED TO REPRODUCE SIGNALS PREVIOUSLY RECORDED ON INKED PAPER TAPES. VARIABLE SPEED MOTOR, KEYSER OSCILLATOR WITH SPEAKER AND PHONE JACK. OPERATES FROM 115/230 50/60 CYC. HOUSED IN PORTABLE CARRING CASE. SIZE 15x10x10; WT: 40 LBS. PRICE: RE-NEW, CHECKED \$24.95
 BLANK PAPER TAPE: 3/8" FOR TG-34, TG-10 KEYSER 900 FT. ROLLS EACH \$.25; 30 ROLLS \$5.00
 TELETYPE PERFERATOR TAPE, 11/16" WIDE, APPROX 900 FT. OILED. 10 ROLLS FOR \$2.50



DYNAMOTORS



Size 6½ x 10 x 11 WT. 38 Lbs.
With fuses and starting relay.

HD-77 DYNAMOTOR

INPUT: 14 VDC 39 AMPS.
OUTPUT: 1000 VDC 350 MA.

PE-73 DYNAMOTOR

INPUT: 28 VDC 19 AMPS.
OUTPUT: 1000 VDC 350 MA.

DM-42 DYNAMOTOR



USED
\$4.95

INPUT: 12 VDC 39 AMPS.
OUTPUT: 515 VDC 215 MA.
" 1030 " 260 MA.
SIZE: 7x7x11 WT: 38 LBS.



**DY-17/ART-13
DYNAMOTOR ONLY**

INPUT: 27 VDC 32 AMP
OUTPUT: 400 VDC 750 MA
" 750 " 350 MA
SIZE: 11½x5; WT: 17 LBS.
UNUSED \$9.95



**PE-98
PE-94
DYNAMOTORS
ONLY**

PE-98 DYNAMOTOR ONLY
INPUT: 14 VDC 21 AMPS.
OUTPUT: 300 VDC 250 MA
-150 VDC 10 MA
SIZE: 12x5x5; WT: 26 LBS.
UNUSED \$5.95

PE-94 DYNAMOTOR ONLY
INPUT: 28 VDC 10.5 AMPS
OUTPUT: 300 VDC 260 MA
-150 VDC 10 MA
14.5 " 5 AMPS
SIZE: 12x5x5; WT: 26 LBS.
UNUSED \$4.95



DA-19A DYNAMOTOR

INPUT: 28 vdc 11 AMPS.
OUTPUT: 400 " 400 MA.
SIZE: 7½x4½x4½; WT: 13 LBS
UNUSED \$4.95

BRUSH SETS



- | | | | |
|--------|-------|-------|--------|
| DM-21 | DM-25 | DM-28 | DM-32 |
| DM-33 | DM-34 | DM-35 | DM-36 |
| DM-37 | DM-40 | DM-41 | DM-42 |
| DM-43 | DM-45 | DM-53 | |
| BD-83 | BD-93 | BD-77 | |
| PE-73 | PE-86 | | |
| DA-12 | DA-14 | DA-1A | |
| DY-21 | DY-22 | | |
| SP-125 | | | 35x032 |

OTHER TYPES ALSO AVAILABLE
SET OF FOUR BRUSHES \$1.00



Size 3 x 3½ x 4½, Wt. 3 lbs.

DM-32 DYNAMOTOR

INPUT: 28 VDC 1.1 AMPS.
OUTPUT: 250 VDC 60 MA.
Price: Used \$2.95 New \$4.95

**TYPE 35 x 032
(Same as DM-32 only 12V)**

INPUT: 14 VDC 2.4 AMPS.
OUTPUT: 250 VDC 60 MA.
Price: New \$4.95

DM-53 AZ DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 VDC 80 MA.
Price: NEW 7.95

DM-53 DYNAMOTOR

INPUT: 28 VDC 1.4 AMPS.
OUTPUT: 220 VDC 80 MA.
NEW \$6.95 USED \$3.95



Size 3 x 3 x 4½, Wt. 3 lbs.

DM-45 DYNAMOTOR

INPUT: 24 VDC 1.1 AMPS.
OUTPUT: 250 VDC 50 MA.
Price: Used \$2.95 New \$4.95

DM-25 DYNAMOTOR

INPUT: 12 VDC 2.2 AMPS.
OUTPUT: 250 VDC 50 MA.
Price: Used \$2.95 New \$4.95



WEST 12B6534 DYNAMOTOR

INPUT: 24 VDC 1.75 AMPS.
OUTPUT: 300 VDC 70 MA.
Price: Used \$2.95 New \$4.95

Size 3 x 3 x 4½. Wt. 3lbs.
Dynamotors listed below
same size only less base.

DM-6936 DYNAMOTOR

INPUT: 28 VDC 1.1 AMPS.
OUTPUT: 250 VDC 60 MA.
Used \$1.95 Unused \$3.95

DMX-310A DYNAMOTOR

INPUT: 12 VDC 2.8 AMPS.
OUTPUT: 150 VDC 100 MA.
Used \$2.95 Unused \$4.95

TYPE 5047 DYNAMOTOR

INPUT: 27 VDC 1.75 AMPS.
OUTPUT: 285 VDC 75 MA.
Used \$3.95 Unused \$5.95

RADIO NOISE
FILTER 100
AMPS. 50 VDC
GE#1C202
SIZE 4x4x2
PRICE: \$.50



Size 3 x 4½ x 6½. Wt. 5 lbs.

DM-34 DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 VDC 80 MA.
Used \$2.95 Unused \$4.95

DM-36 DYNAMOTOR

INPUT: 28 VDC 1.4 AMPS.
OUTPUT: 220 VDC 80 MA.
Used \$2.95 Unused \$4.95



Size 3½ x 5 x 5½, Wt. 3½ lbs.

PE-86 DYNAMOTOR

INPUT: 28 VDC 1.25 AMPS.
OUTPUT: 250 VDC 60 MA.
PRICE: Used \$2.95 New \$4.95



Size 3½ x 5 x 6½. Wt. 5½ lbs.

DM-28 DYNAMOTOR

INPUT: 27.9 VDC 1.25 AMP
OUTPUT: 220 VDC 70 MA
PRICE: USED \$6.95



INPUT: 12 VDC 9.9 AMP.
OUTPUT: 400 " 180 MA.
SIZE: 4x4½x7; WT: 10 LBS.
PRICE: UNUSED \$6.95

**DA 14A SPECIAL
WITH BASE**

INPUT: 14/28 VDC 3.3/1.6 A
OUTPUT: 230 VDC 100 MA.
SIZE: 3½x3½x6; WT: 6 LBS.
UNUSED \$6.95



INPUT: 14 VDC 3.3 AMP.
OUTPUT: 235 VDC 90 MA.
SIZE: 6x5x3; WT: 8½ LBS.
PRICE: USED \$7.95



DY-21 DYNAMOTOR

INPUT: 27 VDC 7 A
OUTPUT: 410 " 325 MA.
SIZE: 7½x3x3½ WT: 8½ LB
PRICE: USED \$7.95



Size 4½ x 5½ x 6½. Wt. 10½ lbs.

BD-83 DYNAMOTOR

INPUT: 14 VDC 6.5 AMPS.
OUTPUT: 375 VDC 150 MA.
UNUSED \$7.95

CW21441 DYNAMOTOR

INPUT: 28 VDC 2.9 AMP
OUTPUT: 330 " 135 MA
NEW \$3.95

DM-416 DYNAMOTOR

INPUT: 28 VDC 3.1 AMPS.
OUTPUT: 330 VDC 470 MA.
Used \$1.95 Unused \$3.95

BD-93 DYNAMOTOR

INPUT: 28 VDC 3.2 AMPS.
OUTPUT: 375 VDC 150 MA.
Used \$2.95 Unused \$4.95



Size 4 x 7 x 6½ Wt. 10½ lbs.

PE-133 DYNAMOTOR

INPUT: 12 VDC 2.3 AMPS.
OUTPUT: 230 VDC 90 MA.
Used \$4.95 Unused \$6.95



Size 5½ x 6 x 8½. Wt. 12½ lbs.

TYPE 377 DYNAMOTOR

INPUT: 14 VDC 8 AMPS.
OUTPUT: 425 VDC 163 MA.
Used \$6.95 Unused \$9.95



Size 5½ x 3½ x 7. Wt. 7 lbs.

DM-40 DYNAMOTOR

INPUT: 14 VDC 3.4 AMPS.
OUTPUT: 172 VDC 138 MA.
PRICE: USED \$3.95

INPUT: 13/26 VDC 12.6/6.3A
OUTPUT: 400 " 135 MA.
" 800 " 20 "
9 v 80 CYC 1.12 AMP.
SIZE: 14x4½x7; WT: 15 LBS.
PRICE: NEW \$7.95
CONNECTOR PLUG 1.50



Size 4½ x 4½ x 8½ Wt. 13 lbs.

DM-37 DYNAMOTOR

INPUT: 12.5 VDC 18.7 AMPS.
OUTPUT: 625 VDC 225 MA.

NOT AVAILABLE

DM-37 DYNAMOTOR

INPUT: 25.5 VDC 9.2 AMPS.
OUTPUT: 625 VDC 225 MA.
UNUSED \$4.95



BD-69 DYNAMOTOR
INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 " 80 MA.
SIZE: 6½x6x4½; WT: 10 LBS.
UNUSED \$3.95



CAY-21772 DYNAMOTOR
INPUT: 12 VDC 3 AMPS.
OUTPUT: 235 VDC 75 MA.
SIZE: 6½x5x4 w/MTG. 7 LBS.
UNUSED \$4.95



INPUT: 28 VDC 1.6 AMP
OUTPUT: 230 VDC 100 MA
SIZE: 3½x3½x5½; WT: 6 LBS.
UNUSED \$4.95



DM-33 DYNAMOTOR

INPUT: 28 VDC 5 AMPS.
OUTPUT: 575 VDC 160 MA.

NOT AVAILABLE

Size 3½ x 4 x 7½ Wt. 8½ lbs.

DY-22 DYNAMOTOR

INPUT: 28 VDC 1.8 AMPS.
OUTPUT: 210 VDC 125 MA.
Price: Used \$4.95

Size 3½x3½x6½; Wt. 5.1lbs.



**WINCO TYPE 41S6
DUAL OUTPUT**

INPUT: 13 VDC 13 A.
OUTPUT: 300 VDC 225 MA
" 250 " 60 "
SIZE: 8½x4½x4; WT: 10 LB
PRICE: UNUSED \$7.95

AC-DC Motors

Hi-Speed

Gear Reductions

Blowers

DELCO P.M. MOTOR 5067125 27.5 VDC 10,000 RPM w/GOVERNOR, SIZE: 3x1x1; SHAFT TAPERED 1/16 TO 3/16, THREADED END. PRICE: RE-MOVED \$3.95

GE58A10AJ37A MOTOR 250 RPM 8 OZ. IN. TORQUE .5 A. 27 VDC REVERSIBLE. SIZE 3x1 1/2, SHAFT SPLINED 1/2x3/8 \$3.95

WEST-GEAR PM MOTOR P5B24R3 24 VDC 1.5 A OZ IN 45, 250 RPM, REV. 120 SEC. IN 4 MIN. SIZE: 3x1 1/2, SHAFT 5/16 X 3/8 W/GEAR. \$4.95

GE58A10AJ8D MOTOR IN GUN CHARGER ASSY ASSY W/2 MICRO SW. & SPRING PLUNGER 27 VDC, 110 RPM 1 OZ. IN. 1/2x3/8 SHAFT 3x1 1/2; WT: 2 LBS. \$5.95

HOLTZER-CABOT DUAL SPEED GEAR REDUCTION MOTOR, 115 V. 60 CYCLE, 1 PHASE, ONE SHAFT 40 RPM, OTHER 165 RPM 24 OZ. 1" TORQUE, .4 AMP. MOTOR SIZE 4 1/2x4 1/2x5 1/2, SHAFT 3/8x4-40RPM, 1/8x3/8-16DRM. #RBS-3712 \$9.95

RATCHET MOTOR, 24 VOLT DC 60 RPM CONTINUOUS ALSO 3 POSITION STOP. BAND SWITCH ASSEMBLY AS USED IN R-5/ARN-7 COMPASS RECEIVER. UNIT WILL ALSO OPERATE ON 18 TO 24 VDC. SIZE: 3x4x1 1/2; WT: 1 1/2 LBS. STK# 609-ARN-7 PRICE: \$1.25

WESTINGHOUSE BUSINESS MACHINE MOTOR 25 MHP 115 VOLTS 50/60 CYCLE .5/4 AMPE TYPE FL 4.0/3.0 MFD. 1425/1725 RPM. SIZE: 4 1/2x4x4; WT: 5 LBS. SHAFT 5/16x2 FLATENED. FOR USE IN RUBBER SHOCK MOUNTING BRACKET PRICE: NEW \$4.95

TELETYPE MOTOR AC; 110 VOLT 60 CYCLE 1 PHASE, NON-SYNCHRONOUS, 1/25 HP, 1800 RPM, 1.25 AMP., DOUBLE SHAFT 1x3/16x5/8 X 3/16, MOTOR SIZE 5 1/2x5x5; WT: 13 LBS. GE#28478 USED \$4.95

ELECTRO COUNTER & TIMER MOTOR, 115 VOLT 60 CYCLE, 14 RPM, USED TO TURN TUNERS, HIGH POWER TORQUE, INTERMITTENT OPERATION SIZE: 3x4x3; WT: 2 LBS. #A201752 \$1.50

TG-8/APA-69 ANTENNA ROTOR 26.5VDC @ 5 AMPS. APPROX. 200 RPM NO LOAD. KEARFOTT SELSYN #R-230-2A. SLIPRING CONTACT TO ANTENNA. WT. 20 LBS. 10x7 1/2x7 1/2 BNC CONNECTORS TO ANTENNA \$19.95

AS 874/APX ANTENNA ROTOR WITH SELSYN GENERATOR GE #2J1F3. CENTER FEED THROUGH FOR RF CABLE TO ANTENNA. 28 VDC @ 4 AMPS. APPROX. 33 RPM NO LOAD. ROTOR HAS 4 INCH X 1/2 INCH DISK FOR MOUNTING ANTENNA TO ROTOR. 9x1 1/2x10 WT. 25 LBS. USED \$19.95

PM MOTOR ASSEMBLY & GEAR TRAIN Used in R-44 RECEIVER FOR REMOTE TUNING. CONTAINS DELCO PM MOTOR #5069370, 10,000 RPM ATTACHED TO A GEAR ASSY. THAT HAS TWO SHAFTS 80 RPM AND IS GEARED TO TWO SHAFTS WITH 3" & 1 1/2" GEARS THAT THAT TURN AT 40 & 80 RPM. ASSY SIZE 4x6x3; SHAFT SIZES 1/2 X 3/4 WT: 3 1/2 LBS. STK# 3H3100-15 PRICE: \$4.95

GENERAL ELECTRIC 58A25DJ300 24 VDC @ 2 AMPS., 4500 RPM, REVERSIBLE, GOVERNOR CONTROL MAGNETIC BRAKE, FLANGE MOUNT, SIZE 2 1/2x5 1/2; WT: 3 LBS., SPLINED SHAFT 3/16x7/8 PRICE: \$2.95

DELCO P.M. MOTOR #5069466, 27.5 VDC IN ALUMINUM CASE GEARED TO WORM GEAR MOTOR SIZE 1 1/2x1 1/2x2 1/2, 10,000 RPM. CASE SIZE 2 1/2x2 1/2 LESS MTG. SIZE. WORM GEAR 2000 RPM, WT: 2 LBS. STK# 3H3100A-1 PRICE: \$2.95

John Oster type C 24A-1B - KS-5829-01 27 VDC 1/100 HP 7000 RPM DC Series Motor 2" D X 3" L. Shaft 1/4 X 1 Wt. 1 lb. Price \$.75

6 VOLT DC MOTOR, REVERSIBLE 1/20 H.P. SHAFT 1/4 X 3/4. FRONT END MOUNTING STUDS. MOTOR SIZE 3 1/2x3; WT: 4 LBS. APP 3000 RPM G16VDC-R PRICE: \$1.25

EMC TYPE 300, 45 V 60 CYC, 6 1/2 RPM LIGHT OPEN FRAME 5x2 1/2x1 1/2; SHAFT 3/16x1; 1 LB. \$1.50

UEC#521 28 VDC 1.2 A/ 6000 RPM BLOWER INLET 1 1/2, OUTLET 1 X 1 OVER. ALL SIZE 5 1/2x4x3 1/2; 3 LB. \$3.95

Delco 5069370 27 VDC Reversible PM Motor and Gear assm. in an Aluminum case. Output speed is 80 RPM through a friction clutch to a double shaft x 3/4 on one side, 1/2 X 1 1/2 on the other. Size complete assm. 3 5/8 X 2 X 4 1/2 excluding shaft. Has built in noise filter system. Wt. 1 lb. 5 oz. Price..... \$ 4.95

TG-10 KEYER MOTOR 115 VOLT 60 CYCLE 1550 RPM, SHAFT 1-7/8", GEARED TO 80 RPM. SIZE: 3x3x3 1/2; WT: 3 LBS. #3H3000-3 REMOVED FROM TG-10 EQUIPMENT \$2.95

12 VOLT D.C. MOTOR
LEECE NEVILLE 12 VOLT D.C. MOTOR 5000 R.P.M., 1/20 H.P. SHAFT 1/2 X 1/2 MOTOR 3x3x3; WT: 5 LBS. BRONZE BEARING #R&R-12 VDC \$1.95

BENDIX BAND CHANGE MOTOR #AC56566-2 OPERATES FROM 28 VDC. THREE POSITION POSITIVE STOP. WITH SWITCHES & WAFER ASSY. SIZE: 6x3x2 WT: 6 LB. PRICE: \$2.95

DELCO 5069790 PM 100 R.P.M. 27 VDC WITH GEAR ATTACHED TO 1/2 INCH SHAFT 1/2 INCH LONG. MOTOR SIZE 1 1/2x4. WT: 8 OZ. PRICE: \$3.95

Bendix LM108J 24VDC 1/25 HP 15,000 RPM Series Motor. Geneva Loc. Actuator. Shaft rotates 1/2 revolution and stops and is locked in place until next contact is made then the cycle is repeated-time per cycle app. 3 seconds. Size 4 X 2 1/2 X 5 1/2. Shaft size 1/2 X 1/2. Wt. 1 lb. 14 oz. Price..... \$ 4.95

General Electric 58A25MJ424 - Type BA 24 V @ 4.2A 7100 RPM 1/20 HP Flange mount Motor size 2 1/2" X 5". Shaft size 1/2 X 1 Wt. 3 1/2 lbs. Price..... \$1.95

ELECTROLUX Motor 28.5 VDC. 1.8 AMPS. 2200 RPM. 1/35 H.P. SHAFT SIZE 1 1/2 X 1/2 MOTOR SIZE: 4 1/2x3 1/2 WT: 5 LBS. PRICE: \$3.95

C-259/APW-1 MOTOR PUMP & CYLINDER SAMPSEL P.M. MOTOR WITH 2 1/2" PRESSURE PUMP AND 2 1/2" VACUUM CYLINDER WITH 3 RELAYS, MICRO SWITCH ETC. OPERATES FROM 24-28 VDC. SIZE; 8x6x6; WT: 10 LB. NEW \$6.95

FLYER ELECTRIC MOTOR HEAVY DUTY 115 VOLTS AC-DC 50-60 CYC. 78 AND 33 1/3 R.P.M. 9x5x4 WT. 10 LBS. PRICE: \$1.50

MERCURY MOTOR 8100, 115 VOLT 60 CYCLE, 1750 RPM, OPEN FRAME 3x2 1/2x2, SHAFT 1/2x1 1/2, WT: 1 LB. PRICE: \$1.00

John Oster Shunt Motor B-9-1 27 1/2 VDC @ .7A. 5600 RPM. Aluminum Cased Motor and Gear assm. Motor is flange mounted to the Gear case. 2 gear reductions 22 and 5 1/2 RPM on 1/2 X 1 1/2 shafts. Size 2 3/4 X 3 X 7". Wt. 1 lb. 14 oz. Price..... \$1.00

ART-13 MOTOR 28 VOLT D.C 3900 RPM, 1/20 H.P. REVERSIBLE, BALL BEARING. (WILL OPERATE 12 VOLT SIZE 3x3x3 1/2; 2 LB. #B-101/803/800. PRICE: \$1.95

OSTER 10 CFM Blower John Oster motor C2EP-1A 27.5 VDC 1/100 HP 6000 RPM with blower 10CFM. Size 3 1/2 X 3 1/2 X 1 1/2 Motor & Blower \$3.95 Motor only 1.95

400 CYCLE BLOWER Eastern Air Devices 10 CFM Blower 115 Volt 400 cycle, 1/100 HP motor. Size 3 1/2x3 1/2x1 1/2 Wt. 1 lbs. PRICE: \$2.95

PINCOX BLOWER Cast Aluminum housing shunt type motor 24 VDC 5000 RPM, 10 CFM blower. Motor noise filtered. WT 1lb 10 oz. Size 3 1/2x3 1/2x1 1/2. PRICE: \$2.95

OPEN TYPE BLOWER Delco motor 5069267 27 VDC 6000 RPM, reversible shunt type, flange mount. WT 1 lb size 1-3/4x2-5/8x2 1/2. Motor-Blower \$1.95 Motor only \$1.50

DELCO PM MOTOR 12 VDC 10,000 RPM, GEARED TO ASSY. APPROX 250 TO PLASTIC WHEEL & POT. 4x3 1/2x2; 1 LB. #5092543/2 \$4.95

PHILCO GEAR REDUCTION NO. 441-1008, 24 VDC, 3.7 RPM 40 LB. IN. TORQUE, SHAFT 5/16x5/8, MOTOR 4x3 1/2x5 1/2; 4 LBS \$5.95

NAVY PM MOTOR 27 VDC 1/150 H.P. 5000 R.P.M. SHAFT 3/4x3/16 MOTOR 1 1/2x1 1/2x2 WT: 8 OZ. STK# J942-BU0-676213 PRICE: \$1.95

CAMERA MOTOR Open frame used in aircraft cameras 12 Volt AC-DC Double end shaft 1/8 x 1/2, motor size 2 1/2 x 2 1/2. 5000 RPM. # CM-120 Price \$1.95

ACTUATOR LINEAR, RATED LOAD LBS. STAT.-200, TEN.-25-50 COMP.-25-50, TRAVEL 2 1/2" MOTOR 115V400CYCLE, 6000 RPM. DUTY 1/10, H.P. .04, TORQ. OZ. 11 6.7 WITH LIMIT SWITCHES. USED AIRSEARCH#35906-30 \$2.95

LINEAR ACTUATOR, STAT. 750, TENS. 375, COMP. 200, ARM. TRAI 5-7/8", MOTOR 115 V. 400 CYCLE 6000 RPM, DUTY 1-10, HP .04 SIZE 1 1/2x3x4; WT: 5 LB. USED AIRSEARCH#31914 \$3.95

D.C. ACTUATOR 26 V. 1.5 A. DUTY 3/20 HP .015, RPM 7500 \$2.95 STATIC 600, TEN. 130 COMP. 90, TRAVEL 1 1/2" 8x5x3; 4 LB. ELA-3139-2

SPERRY FAN & MOTOR No. 708963; 115V 3 PHAS 60 CYC 3450 RPM 1/20 HP MOTOR 4x3 1/2 BLADE 6" W/STAND \$4.95

DELCO MOTOR #A7155, 27VDC 1/30HP 2.4A, 3600RPM 5x2 1/2; SH 1/2x1 \$2.95

BULLS EYE LIGHT
DULL FINISHED
BRASS, DOUBLE
CONTACT, BAYONET
BASE, RED LENS
1" MTG. HOLE W/ 12 VOLT BULB LM-
44, SIZE 1 1/2 x 3. #Z26125-22
PRICE: 39¢ EA. 3 FOR \$1.00

ALNICO MAGNETS

ALNICO BAR TYPE MAGNETS
(1) ONE INCH X 1/2 X 1/4
ORIGINALLY USED IN MICRO
PHONES. #948 12 FOR \$1.25

SW-206EP-15

20 POSITION ROTARY SWITCH
WITH SIX DECKS.
2 1/2" DIA. PRICE: \$2.95

CERAMIC COIL FORM F/
ART-13 ANTENNA LOAD
SIZE 2"x5". NO WIRE
50¢ WITH WIRE \$1.00

RUBBER SHOCK MOUNTS
MTG HOLES 2" CENTERS
6 LB. #6 \$.35
12 LB. #12 \$.50
10 LB (ILLUS) #5150 .40

CERAMIC COUPLER 2"
DIA. 1/2" SHAFT EA. SIDE
STK#SWTU-5 PRICE: \$.50

GIANT 4 CONTACT
CERAMIC FOR 872,
211 ETC. 3 1/2" RD.
GE#ML7461594-G1
PRICE: USED \$.39

GIANT 4 CONTACT
CERAMIC SOCKET FOR
715, 718 ETC. 3 1/2" RD
STK#Z27684.98
PRICE: NEW \$.50

GIANT TUBE SOCKET
7 CONTACT FOR 813
4E27A ETC. 2 1/2" SQ
GE#M7466795-1/442
PRICE: \$.75 USED

REGULATOR CURRENT
AUTOMOTIVE TYPE
OPEN FRAME 50 AMP.
SIZE 2 1/2 x 2 1/2 x 1 1/2 LB
ORD.#G1026184433
DELCO#1884042 \$1.00

TERMINAL STRIPS WITH
CLIPPED WIRES
AMT. TERMINALS - 6 - 8 - 10 - 12 - 14
1 1/2" WIDE EACH .15 .20 .25 .30 .35
1 1/2" WIDE " .20 .25 .30 .35 .40

BINDING POSTS 7
ON A BAKE-
LITE STRIP, THUMB SCREW TYPE
TERMINALS. REMOVED FROM EQUIP
PRICE: \$.35 EA. 3 FOR \$1

TELEPHONE SIGNAL DROP SWITCH
BOARD UNIT WITH MOMENTARY &
HOLD MULTI-CONTACT LEVER SW
RING IN DROP RELAY & PHONE
JACK. SIZE 1 1/2 x 8 x 3. WT: 1 LB.
#EE-2 \$.39 EA. 3/\$1 USED
PL-11 PLUG ON 30" CORD \$.35 EA.

SW-118 SWITCH ASSY.
SPST, ONE SIDE HOLDING
ON - OTHER SIDE MOM-
ENTARY ON, CENTER OFF
SWITCH SIZE 2 1/2 x 1, CASE
SIZE 2 1/2 x 1.
PRICE: \$.35 EA. 3 FOR \$1.00

B-9A SWITCH ASSY
SPDT CENTER OFF
5 AMP. 125 VOLTS
TWO HOLE MTG.
SIZE: EA. SW 3/4
x 2 x 1. \$.35 EACH
BANK OF FOUR \$1.

Capacitors



MFD	VDC	SIZE	PRICE
2000	15	1 1/2 x 4 1/2 RD	\$.59
6000	75WVDC	3 x 4	3.95
1000	50	1 1/2 x 4 1/2 RD	.55
25M	25WVDC	3 x 4	2.95
24000	3	4 x 3 RD	1.50

4	400	2 1/2 x 3 1/2 x 1 1/2	.25
5 x 5	400	3 1/2 x 3 1/2 x 2	.50
10	400	4 x 4 x 1	.75

.5	500	1 1/2 x 1 1/2 x 1 1/2	.20
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2	600	1 1/2 x 4 x 1	.25
4	600	3 1/2 x 2 x 1 1/2	.50
6	600	4 1/2 x 2 x 1 1/2	.75
7	600	4 x 4 x 2	.85
10	600	3 1/2 x 4 1/2 x 1 1/2	1.10
2 1/2 x 2 1/2 x 5	600	6 x 4 x 2	.75

1	1000	1 1/2 x 2 1/2 x 1	.50
15	1000	1 1/2 x 4 x 1	.95
1000	1000	3 1/2 x 4 1/2 x 2 1/2	2.95
1-1-1	1200	3 1/2 x 3 1/2 x 2 1/2	1.00
1	2000	2 x 3 x 1	1.25
.5	1500	2 1/2 x 1 1/2 x 1	.75
.5	2000	2 1/2 x 1 1/2 x 1	.95

MFD	VAC	SIZE	PRICE
15	660	3 1/2 x 4 1/2 x 1 1/2	1.95
5	330	3 1/2 x 5 1/2 x 1 1/2	1.75
1	1000	3 1/2 x 4 x 2	.75

POTENTIOMETER 100
WATT, 100,000 OHM
IN 20 STEPS 5000
OHM EACH WITH HEAVY
DUTY CONTACTS & IN-
SULATED TERMINALS
7 SHAFT. DAVEN#1373
\$1.25
SIZE: 5 1/2 x 3 1/2, SHAFT 1-3/8 x
3/8. WT: 1 1/2 LB. STK#Z27261-3

CAPACITOR BANK
IN METAL BOX.
TOTAL CAPACITY
15 MFD 600 VDC
1/1, 2/2 & 2/5)
6 1/2 x 4 1/2 x 5: 6 LBS.
#R16-11687-500 \$.75

10 MFD @ 2000 VDC
4 1/2 x 4 1/2 x 3 1/2; 3 LBS.
5910-819-2151 \$5.95
2 MFD @ 4500 VDC
5 x 4 x 3; WT: 4 LBS.
F350-7628821 \$6.95

MFD	VDC	SIZE	PRICE
15	1000	3 1/2 x 4 1/2 x 2 1/2	\$1.95
10	600	3 1/2 x 4 1/2 x 1 1/2	1.10
6	600	4 1/2 x 2 x 1 1/2	.75
4	600	3 1/2 x 2 x 1 1/2	.50
8	1500	3 1/2 x 5 1/2 x 2 1/2	3.95

Switches

Switches removed from new equip.

TYPE	MTG	VOLTS	ST#	PRICE
S.P.S.T.	NUT	3A/125	SW-105	.20
S.P.D.T	"	"	8839K1	.35
4.P.S.T.	"	"	883K2	.55
D.P.S.T	"	"	8822K1	.35
D.P.D.T.	"	"	SWP221	.50
S.P.S.T.	"	"	8817K2	.25
(Momentary)				
D.P.D.T.	"	"	ST-22R	.40
(Momentary one side)				

HEAVY DUTY TAP
SWITCH 5 POSITION
FOUR HOLE MOUNTING
SIZE: 2 1/2 x 2 1/2 x 1 1/2
STK#329627
\$1.50

ANTENNA CIRCUIT SWITCHING SWITCH
100 WATT
Size 4 1/2 x 2-3/4"
3/4 Make
3/Break
#329626
\$2.50

ROTARY SWITCHES



ROTARY WAFER SELECTOR SWITCH
CERAMIC, 6 DECK, 4 POLE
6 CONTACT. 7 1/2 x 2 1/2 x 2 1/2; 3 1/2 LB
SHALLCROSS #10214 USED \$4.95

SWITCH ROTARY CERAMIC WAFER
5 DECK, 1 POLE, 9 POSITION
7 x 2 x 2; 1 1/2 LB. SIL.PL. CONT.
#5930-185-0597 \$1.95 NEW

SWITCH ROTARY BAKELITE WAFER
8 POSITION, 3 SECTION, SECT.
#1 NON-SHORTING TYPE CONT.
SECT.#2&3 SHORTING TYPE CON
TACTS. 3x2x2; WT: 8 oz.
#329825-75.4 NEW \$1.00

SWITCH ROTARY, 3 SECT; 5
SWITCHING POSITIONS, 6 MOVI
ING, 36 FIXED CONT, 6 POLES
5 THROWS, COMB. SHORTING &
NON-SHORTING. #329824-81.5 \$.75

SWITCH ROTARY BAKELITE WAFER
2 DECK, 5 POSITION, 1 POLE
MOMENTARY 5 POSIT. 2x2x2
#SW-145 39¢ EA. 3 FOR \$1

GE CERAMIC POWER SWITCHES
2 DECK
3 POSITION
2x3 IN.
GE#ML746812-
G1/403 \$1.95

2 DECK 4 POSITION; 2x4 IN.
GE#P42J198-1/394 \$1.95

2 DECK, 3 MAKE, 4 BREAK
GE#ML7464910; 2x4" \$2.25

ROTARY SELECTOR
SWITCH, ONE DECK
CERAMIC, 11 POSI-
TION 2" DIA.
STK#329825-62.178
PRICE: \$.59 EA. 2 FOR \$1

WAFER SWITCH
8 DECK, 3 POLE
6 POSITION
PER WAFER. (USED)
#NF8 \$1.95

DAVEN SWITCH
#427-EB-5
2 POLE, 9 CONT.
4 DECK
SIZE 5x2 1/2 x 2 1/2
WT: 2 LBS.
\$2.95

VIBRATORS

VB-16/6, 12 OR 24 VOLT
FOR PE-237 \$3.95

TYPES LISTED BELOW
\$1.95 EACH
VB-1/6VOLT FOR PE-117
PE-97 & PE-237
SAME AS VB-7

VS-3/6VOLT FOR PE-104
SAME AS MALL-550C
G534/12 VOLT FOR PE-110
VB-8/2 VOLT FOR PE-157
VB-9/6 VOLT FOR PE-157
VB-11/24 VOLT FOR PE-120
VB-12/6 VOLT FOR PE-120
VB-13/12 VOLT FOR PE-120

DETONATOR
IMPACT SWITCH WITH
TWO MICRO
SWITCHES THAT
MAKE CONTACT
WHEN THE UNIT
IS JARRED.

USED IN PLANES TO DETONATE
BOMBS WHEN WRECKED. 5x4x4
WT. 1 1/2 LB. #BC-706 \$0.50

Kits \$1.00

DISC CERAMIC
CONDENSERS
33 ASST.
15MMP-.01MFD.
Good Value
\$1.00 a KIT

TUBULAR
CONDENSER
50 ASST.
.00025 to .1
200 to 600 V
\$1.00 a KIT

MICA
CONDENSERS
25 ASST.
10 MMP TO
6800 MMPD.
\$1.00 a KIT

TRIMMER
CONDENSERS
25 ASST.
3 TO 280MMP
WIDE RANGE
\$1.00 KIT.

RESISTORS
INSULATED
50 ASST.
1/2, 1 & 2
Watt wide
range of good values
50 ASSORTED \$1.00

RESISTORS
WIRED WOUND
25 ASST.
5 to 20
Watt. Wide
range of values some
tapped. 25 ASST \$1.00

VOLUME
CONTROLS
10 ASST.
Popular
Values
\$1.00

TUBE
SOCKETS
20 ASST.
Octals
Loctals
Minatures
Wafers etc
\$1.00

PILOT
LIGHT
SOCKETS
25 ASST
Bayonet
Screw etc.
\$1.00

TERMINAL
STRIPS, Tie lug
strips, ASST
types. 25 for
\$1.00

TERMINAL
LUGS, ring
spade, crimp
types. Wide
variety of
sizes for all uses in
clear plastic box,
Approx 200 PCS \$1.00

ROTARY SWITCHES
BRAND NEW
ORDER NOW
6 for \$1.00

BATHUB
CONDENSER KIT
(3 MFD. to 1. MFD.
up to 600 Volt.
10 for \$1.00

HARDWARE KIT
NUTS, WASHERS
SCREWS, RIVET
GROMMETS ETC.
1 1/2 LBS. \$1.00

BUZZER FOR SWITCH-
BOARDS BD-91/BD-96
OPERATES 2-6 VDC
4-9 VAC, NON-POL-
ARIZED; 10.5 OHMS. VIBRATING
ADJUSTABLE TYPE. SIZE 2 1/2 x 2
1 1/2; WT: 4 oz. PRICE: \$1.

PE-109B INVERTER
FILTER, MALLORY
NF-1-2/ LELAND
B-2037, REF. 120
STK.#342575-109B
3 1/2 x 3 x 2 1/2; WT: 2 LB
NEW \$1.50

BC-603, BC-683
BC-604 & BC-684
SPARE PARTS BEST
FOR STORING TUBES
& PARTS. SAME SIZE
& SHAPE AS RECEI-
VERS 2 COMPARTME
NTS. SIZE 7 1/2 x 1 1/2 x 1 1/2
WT \$1.00

METAL BOX WITH
REMOVABLE TOP,
CUTOUPS FOR AC OUT-
LETS & SWITCH.
SIZE: 6 1/2 x 4 1/2 x 4 1/2 PRICE: \$.50

ALARM BELL
OPERATES ON
24 VDC.
4 1/2 x 4 1/2 x 2 1/2
561-3
\$1.25

HORSESHOE MAGNETS
5 lb. Lift 2 1/2 x 3/8" 1/2 lb. \$.50
25 lb. Lift 2 1/2 x 2 1/2 x 1 1/2 lb. 2.90

HAND TYPE MAGNETO GENERATOR
USED FOR RINGING TELEPHONE
LINES, OUTPUT ABOUT 100 VOL
TS. CAN ALSO BE USED AS SHO
CK MACHINE, LIGHT SMALL BBU
BULBS OR DRIVE WORMS OUT OF
YOUR LAWN BY PLACING THE
THE OUTPUT TO METAL STAKES
AND DRIVING THEM INTO GND.

GN-38 WITH THREE
MAGNETS \$2.95

GN-38B PERMANENT
MAGNETS 2" x 1" \$3.95

G-25A ROUND TYPE
MAGNETO \$2.50

Used,
\$3.95

T-39 MICROPHONE AND CHEST
UNIT THAT WAS USED TO CARRY
DRY CELL BATTERIES. PHONE
JACK AND 1 FT. CABLE WITH 8
RECEPTAL PLUG. ON-OFF SW I
AND FUSE HOLDER. INSIDE
DIMENSIONS 5 1/2 x 1 1/2 x 9. WT: 6 1/2

25 Precision Resistor Ass't
WIRE WOUND OR CAR-
BON 1% OR BETTER
GOOD VALUES. \$1.00
50 TINY CAPACITORS
SELECTED TINY ASST
PAPER & CERAMIC X
GOOD VALUES. \$1.00

WIRE ASSORTMENT
SIX 25 FT. COILS
FULLY INSULATED
STANDARD SIZES
TINNED COPPER
ASST. COLORS
\$1.00

MINIMUM ORDER \$3.00

TRANSFORMERS

SECONDARY
6.6 VAC
36 AMPS
PRIMARY
105, 110, 120, 125
60 CYCLE

23 LBS.
SIZE 6x5x4
#9T35Y245 \$9.95

PRI: 115 v. 60c
SEC: 30 v. 2A.
3x2x2; WT: 2LBS.
#EF-425 \$2.25

PRI: 120 v 60CYC
PRIMARY BUCK-BOOST
WINDINGS: 1.2v,
3.6v, 10.8v
SEC: 12.8v CT 20A
4x5x7; WT. 24LB
#1043 \$8.95

PRI: 115 v. 60c
SEC: 2.5v 1.75A
2.5v 1.75A
6.3v .6 A
3x5x3; WT: 8 LBS
#279611.27 \$1.95

PRI: 115 v. 60 CY
SEC: 2.2 v.
ALSO TAPPED WIND.
0-60V 10 TAPS 4
VOLTS EA. 1 TAP
20V.HV AMPS 4, LOW
EST VOLTAGE 20 A.
6x4x5; WT: 25 LBS
#6120-473-6811
\$7.95

TF45X02YY
THREE PHASE
PRI 171v 50-450cyc
SEC 28v @ 40A
6x7x9; WT. 45LBS
PRICE: \$14.95

MICROPHONE TRANS.
PRI: 15 OHM
SEC: 5000 OHM
SIZE: 1x1x2
PO/AM-25/AIC
STK#229631.121
PRICE: \$0.59

MICROPHONE
PRI: 14.5-21 OHM
SEC: 4475-6500
OHMS
CARBON MIC.
2x3x2
#P7762352G1
\$1.00

Microphone
Transformer
Pri: 1 ohm
Sec: 2000
1x2x1
3T#229666A
Price \$.59

1-177
TUBE CHECKER
TRANSFORMER
SIZE: 4x4x4, 5LB
STK # 229613.667
PRICE: \$4.95

TRANSTAT
VOLTAGE
REGULATOR
FIXED WIND-
ING 115 VAR
VARIABLE.
RANGE 103-
126 v 60CYC
2.17 AMPS. 5x6x6
WT: 15 LBS. #29144
\$4.95

PRI: 115v 50-1000CY
SEC: 34 v 3.5 AMP
SIZE: 4x5x4; 15 LB
#5950-518-4306
\$4.95

400
CYCLE
TRANSTAT
VOLTAGE REGULATOR
FIXED WINDING 115
VARIABLE RANGE
75 TO 120 V, 400
CYCLE, 6 AMPS.
SIZE 5x6x6; 13 LB
SCNo. TF-12A \$4.95

OUTPUT
OUTPUT
TRANSFORMER
30 WATT
PRI: 8000 OHM
SEC: 4/8/15 OHM
3x3x3; WT: 2LB
#TG-10/27291
\$3.95

2 WATT OUTPUT TRANS-
FORMER, PRI. 2500
OHM SEC. 3.2 OHM
#49872 79¢

AUDIO OUTPUT TRANS
PRI: 450 OHMS
SEC: 300/4000 OHMS
IMPEDANCE
PO/BC-348
STK# 2C4348W/T
2x2x4 WT. 2 LBS.
PRICE: \$1.00

LOW VOLTAGE TRANSFORMERS

ALL PRIMARIES 105, 110, 112, 120, 125 VOLT, 60 CYCL

SEC: 6.6 V 25 AMP,
4x6x4; 17 LBS.
GE#9T35Y244 \$4.95

SEC: 6.6 V 18 AMP
3x5x4; 12 LBS.
GE#9T35Y159 \$3.95

SEC: 6.6 V 10 AMP
4x3x4; 9 LBS.
GE#9T35Y158 \$2.95

SEC: 6.6 v 10 AMP.
6.6 VCT 1 "
5x4x3; 10 LBS.
GE#9T35Y181 \$3.25

SEC: 6.3CT 3.6 AMP
2x3x2; 2 LBS.
#5950-651-5319
\$1.50

PRI: 115 60 CYC
SEC: 6.3 CT LAMP
2x3x2; 2 LB.
#5950-648-4768 \$1.00

PRI: 115 v. 60 CYCLE
SEC: 25 v. 0.5 AMP.
2x2x2; 1LB. #5950-754-9573
\$1.25

FILAMENT TRANSFORMER
PRI: 70/100/140/200
60 cyc
SEC: 12.6 CT .7 A
6.3 CT .9 A
6.3 CT 1.5 A
6.3 CT 1.5 A
2.5 KV TEST
SIZE: 5x3x4 WT 5
STK# GE 7465625-P1
PRICE: \$2.95

SEC: 6.3 v 3.1 AMP.
6.3 v 2.5 " "
6.3 v 0.45 " "
6.3 v 0.30 " "
5.0 v 2.0 " "
5.0 v 2.0 " "

3x4x3; 4 LBS.
#TF1A01JA \$3.95

PRI: 100-130v
50-60cyc
SEC: 40v @
16.5 AMP
SIZE: 7x6x6
#T. 31 LBS.
5950-646-1459
\$14.95

PRI: 117v 50-60cyc
SEC: 3/5v CT @ 2A
2/5v @ 2A
2/2.5v @ 10A
7x4x3; WT. 12 LB
GILFILLAN #54148-1
PRICE: \$5.95

PRI: 115 v. 60 CYC
SEC: 5 v. 2 AMP
5 v. 2 " "
4x5x2; WT: 8 LB
#279611.389 \$1.95

HIGH AUDIO
ALTEC LANSTING 70W
OUTPUT TRANSFORMER
PRI: 3300 OHM CT
SEC: 250 & 500 OHM
SIZE: 4x5x4
WT. 13 LBS.
STK# TMJ-217A
PRICE: \$2.95

HIGH VOLTAGE TRANSFORMERS

PRI: 109, 115, 120, 126, 60CYC
SEC: 2500 VOLTS EACH SIDE
CENTER TAP RATED AT
120 MA. 6500 P.W.V.
TESTS HAVE SHOWN THAT
UNDER LOAD TRANSFORMER
WILL DELIVER 2000 VOLT
DC 300 MA.
SIZE: 7x6x6; WT: 42 LBS.
TF1A02YY \$19.95

PRI: 105-125v
50-60cyc
SEC: 1100v CT @
250 MA
SIZE: 5x5x4; 4 LB.
WT. 16 LBS.
UTC 52335
\$6.95

PRI: 115 v. 60 CYC
SEC: 1000 V. 78 MA
CASE 1S CENTER TAP.
6.3 V. 3.2 A.
6.3 V. 2.1 A.
5.0 V. 3.0 A
4x5x3; 12LB #KS8877 \$3.95

PRI: 105-110-115-
120-125
SEC: 365 v 775 MA
TAP. 340 v 525 MA
850CT 30 MA
5 v 2 A
6x7x5" 30 LBS.
GE7415214
\$4.95

PRI: 105-110-115
120-125
SEC: 560CT 75 MA
365 v 150 MA
TAP335 V
3x5x3" 8 LBS.
TF1A02JA
\$1.95

PRI: 117 v 60 CYC
SEC: 450 v 140 MA
12.6 20 AM
5.0 2 " "
4x6x4; 15 LB
E00 10498 \$6.95

PRI: 115/230 60 CYC
SEC: 482 CT 170 MA.
6.5 CT 5.7 AMP
12.4 v .39 " "
AUX. VIBRATOR CIRC.
3x5x4; WT: 10
#229621-554 \$3.95

PRI: 105-110-115
120-125
SEC: 390 v 1.23A
TAP365 v 720 MA
7x8x6" 45 LBS.
GE 745213
\$6.95

PRI: 115 v 60 c
SEC: 675 VCT 500 MA.
150 " " "
27 v " " "
6.3 v. 10 A.
5.0 v. 6 A.
6x7x6; 42 LB.
#PI-32301
PRICE: \$6.95

PRI: 120v 60CY
SEC: 1170v CT @
325 MA
4x5x7; 28 LBS.
#8568966-P1
PRICE: \$7.95

PRI: 115 V 60 c
SEC: 6.3 V 3.6 A
15 V.004 A
15 V.004 A
SIZE: 3x3x3; 4 LBS
STK#ORD7629806
PRICE: \$1.50

PRI: 120/240v 60c
SEC: 16 v 8 AMP
16 v 8 " "
SERIES SECONDARY
32 v 8 AMP
PARALLEL 16V16 "
4x4x4; 13 LBS.
#1479-L018
PRICE: \$7.95

PRI: 115 v 60 CYC
SEC: 6.3 v 2.75 A.
6.3 v 5.5 A.
SIZE: 3x4x3; 5LBS
STK#ORD7629805
PRICE: \$2.50

PRI: 115 v 60 CYC
SEC: 6.3 v 2.7 AMF
SIZE: 2x2x2; 1LB.
STK#5950-186-9789
PRICE: \$1.50

PRIMARY VOLTS
81, 163 & 230
50/60 CYCLE
SECONDARY VOL
11.7 CT 3 1/2 A.
WITH 115 VOLT
INPUT, OUTPUT
WILL BE 15 v. 3 AMPS.
SIZE: 3x4x3; 8 LBS.
GE#7465106-P1 \$2.95

PRI: 115v 60 cyc
SEC: 2/6.3v 1.2A
SIZE: 3x2x5
WT. 4 LBS.
#7629809
\$1.75

PRI: 115v 60cyc
SEC: 40-0-40v .18A
3x3x5 WT. 5LBS
#7629808
\$1.50

PRI: 115v 60 cyc
SEC: 5.7v 21.8A
3x4x5 WT. 9L
GE-7469149
PRICE: \$6.95.

PRI: 115v
50-60cyc
SEC: 24v CT
5 AMP
4x5x3
10 LBS.
5950-648-3992
\$4.95

PRI: 200/220/240v
50-60 cyc
SEC: 10v CT @ 10A
4x4x5; WT. 11LBS
THERMADOR CS-8705
PRICE: \$3.95

PRI: 117V 60-400CYC
SEC: 750 VCT 55 MA
5.0
6.3 v @ 5 AMPS
3x3x4 WT 5 LBS.
#271-P-1 \$2.95

PRI: 115v 60cyc
SEC: 2000v CT @
500MA
SIZE: 5x5x7; 7L
WT. 30 LBS.
5950-581-5204
\$16.95

PRI: 115 v 60 CYC
SEC: 6.3 v 2.75 A.
6.3 v 5.5 A.
SIZE: 3x4x3; 5LBS
STK#ORD7629805
PRICE: \$2.50

PRI: 120v 50-60cyc.
SEC: 5v CT @ 10.8A
SIZE: 5x3x3
WT. 8 LBS.
#L 217247-1
PRICE: \$3.95

PRIMARY VOLTS
81, 163 & 230
50/60 CYCLE
SECONDARY VOLTS
12 CT. 3 1/2 AMPS
12 CT. 3 " "
13 CT. 10 " "
@ 115v 2/16v-3A 1/17v
10A. SIZE 4x7x7 18LBS.
GE#7466333 \$5.95

PRI: 110v 60 cyc
SEC: 6.3v 2A
12.6v 1.5A
SIZE: 2x2x4
WT. 4 LBS.
5950-556-1826
\$2.50




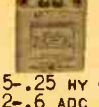






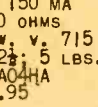





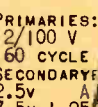
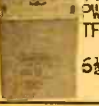
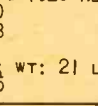
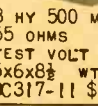
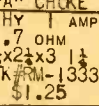





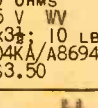

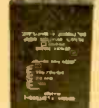
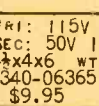
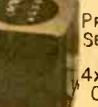
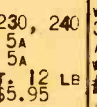
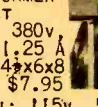


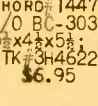
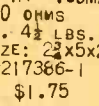

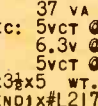

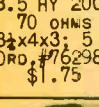
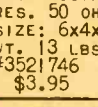



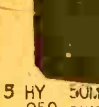

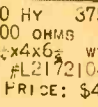
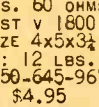
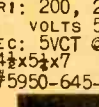
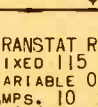

PRI: 120 v 60 cy
SEC: 2.5 v 10 A.
NO C.T. INS. 10M.
4x3x5; 8 LBS.
#229611.144
\$2.95

PRI: 200/220/240v
50-60 cyc
SEC: 10v CT @ 10A
4x4x5; WT. 11LBS
THERMADOR CS-8705
PRICE: \$3.95

PRI: 115 V 60 CYC
SEC: 36 V 12 AMP
4x6x4; WT: 15 LB

PRI: 117V 60-400CYC
SEC: 750 VCT 55 MA
5.0
6.3 v @ 5 AMPS
3x3x4 WT 5 LBS.
#271-P-1 \$2.95

FURNACE CONTROL
TRANSFORMER
PRI: 115/230v 60c
SEC: 23v 1.8A
MOUNTED ON 4x4
PLATE WITH 2x4
ELECTRICAL JUNCT
BOX. WT. 4LBS.
\$1.50

 <p>8 HY 100 MA 160 OHMS 2 1/2 x 3 1/2 x 2 1/2; 4 LB #TR-1024 \$1.50</p>	 <p>25 HY 160MA 350 OHM 3 1/2 x 3 1/2 x 4; 8 LB 3C317-38 \$1.50</p>	 <p>20HY @ 20MA 5HY @ 450MA 50 OHMS 3 1/2 x 4 1/2 x 5 1/2 WT 14LB GILFILLAN BROS. #23483 SWINGING CHOKE \$4.95</p>	 <p>.5-.25 HY @ 2-.6 ADC 7OHMS MAX DC 535V WVM 2 1/2 x 3 1/2 x 2 1/2 4 LBS. GE #9T35Y283 \$1.25</p>	<p>25 HY 35 MA DO 1070 MV 2x3x2: 2LBS GE #7415231 \$.79</p>  <p>DUAL CHOKE 11 HY 100 MA 200 OHMS 4x4x5 1/2 WT 8 1/2 #3C557F-1 \$.75</p>  <p>11 HY 500MA 1350 VAC @ 120cps 7x6x9 1/2 WT. 42 L ITC NO. DC-6281 PRICE: \$8.95</p>	 <p>PRI: 206 V 60 CYCL ONE PHASE 10.6 KVA SEC: 30 V 115 VOLT PRIMARY SECONDARY 16 VOLT SIZE: 14x11x11 WT: 150 LB. #ACME 2649 \$32.95</p>	 <p>SELENIUM RECTIFIER HALF OF FULL WAVE (FOR USE W/TRANS. T LEFT) SIZE 12x16x6 WT: 28LB. \$8.95 EA. TWO FOR \$15.00</p>	 <p>PRI: 117 v 50-60 TEST 1300 VOLT SEC: 33 v 35 v @ 1.2AMP WAHLGREN #1347 3 1/2 x 3 1/2 x 5 WT 6 1/2 LB \$2.25</p>
 <p>8 HY 150 MA 100 OHMS MAX. W. V. 715 3x4 1/2 x 2 1/2; 5 LBS. #TF1A04HA \$1.95</p>	 <p>8 HY 500 MA 55 OHMS TEST VOLT 5000 5x6x8 1/2 WT. 28 3C317-11 \$7.95</p>	 <p>"A" CHOKE 1 HY 1 AMP .7 OHM 2 1/2 x 2 1/2 x 3 1/2 LB STK #M-13331 \$1.25</p>	 <p>12 HY 525 MA RES. 68 OHM TEST 2500 V. SIZE 6 1/2 x 7 1/2 x 5 WT: 33 LBS. #N284270 \$7.95</p>	 <p>14 HY 125MA 275 OHMS. 2 1/2 x 3 1/2 x 5 1/2 308-708-060 \$1.25</p>	 <p>PRI: 115 v. 60cy SEC: 24 v. 1.5 A 5 v. 6.0 A 6x4 1/2 x 2 1/2; WT: 8LB #2Z9621-508 \$1.95</p>	 <p>PRI: 115 v. 60 CYC .25 KV INSULA SEC: 8.5 v. 54 AMF OR 7.5 v. 48 " OR 7.5 v. 32 " SIZE: 6x7 1/2 x 9; 50 LBS #3340-296-879 \$14.95</p>	<p>PRIMARIES: 2/100 V 60 CYCLE SECONDARY: 2.5v A 7.5v 1.25 21v .1A 11.1V.0.0A 10.v 6.5A</p>  <p>SIZE: 8x 4x6; 19LBS CAY30219 \$3.95</p>
 <p>1.25 HY @ 1.23 ADC 10V 1070 TF1A04LB 5 1/2 x 5 1/2 x 4 1/2; WT: 21 LBS \$5.95</p>	 <p>3.5 HY 500 MA 30 OHMS 715 V WV 4x5 1/2 x 3 1/2; 10 LBS. TK1A04KA/A8694 \$3.50</p>	 <p>8 HY 450 MA 210 OHMS P/O BC-303 TRAN 5 1/2 x 4 1/2 x 5 1/2; 18 LB STK #3H4622.1 \$6.95</p>	 <p>10 HY 150MA 210 OHMS WT. 4 1/2 LBS. SIZE: 2 1/2 x 5 x 2 1/2 #217366-1 \$1.75</p>	 <p>15 HY 165 MA 135 OHM 4x4x3 1/2; 8LB \$1.25</p>	 <p>PRI: 117 v. 50/60C SEC: 510 vct 100ma SIZE: 3x4 1/2 x 3 1/2; 7 LB 2Z9612.21 \$1.95</p>	 <p>PRI: 117v 50-60 CYC SEC: 1000 vct 500mA WAHLGREN #1623 PRICE: \$4.95</p>	 <p>PRI: 115 V 60 CYC SEC: 2.65V 3.5 A 2.65V 3.5 A 6.3V 3.5 A SIZE: 3 1/2 x 5 x 3 1/2; 8LB #BNJT-166 \$2.80</p>
 <p>3.5 HY 200 MA 70 OHMS 3 1/2 x 4 x 3; 5 LBS ORD. #7629828 \$1.75</p>	 <p>5HY 400MA RES. 50 OHM SIZE: 6x4x4 1/2 WT. 13 LBS. #3521746 \$3.95</p>	 <p>10 HY 375MA 100 OHMS 4x4x6 1/2 WT. 13 #L217210-1 PRICE: \$4.95</p>	 <p>10 HY 415 MA RES. 60 OHMS TEST V 1800 SIZE 4x5x3 1/2 WT: 12 LBS. 5950-645-9675 \$4.95</p>	 <p>PRI: 115V 60 CPS SEC: 50V 15A 4x4x6 WT. 18 LB #340-063651454 \$9.95</p>	 <p>PRI: 220, 230, 240 SEC: 14v @ 5A 20v @ 5A 4x4 1/2 x 5 1/2 WT. 12 LB CS8779A \$5.95</p>	<p>AUTO TRANSFORMER WITH TAPS AT 320v, 350v, 380v, AND 420v. 1.25 A WT. 25 LB. 4 1/2 x 6 x 8 #CRV-30825 \$7.95</p>  <p>PRI: 115v 50/60CPS VARIABLE OUTPUT 30- 135V 250 MA. 5x3x4 WT. 9LBS. NEW \$4.95</p>	 <p>PRI: 117v 50-60 CYC TEST 1500 VAC SEC: 6.3 vct 1 AMP 6.3 vct 7 AMP 3x3 1/2 x 5 WT. 7 1/2 LBS. #15-3418 \$2.95</p>
 <p>5 HY 500MA 250 OHM 2x2x2 1/2 WT 1 1/2 STOCK # 3C3672 PRICE: \$.75</p>	 <p>6 HY 75 MA 150 OHM 3x3x2 1/2 WT: 2 1/2 STK #3316-7 PRICE: \$.79</p>	 <p>CHOKE 10 HENRYS @ 200 MA 135 OHMS 2000 VRMS 60 CYC 3 1/2 x 3 1/2 x 5 WT. 9LB BENDIX #L217380-1 PRICE: \$3.95</p>	 <p>10 HY 150 MA RES. 100 OHM TEST 3000 V. SIZE 3 1/2 x 4 1/2 x 3 WT: 7 LBS. 3C323-6220 \$1.95</p>	 <p>PRI: 115 V 60CY SEC: 100 V 2AMP 4x3 1/2 x 4; 8 LB. #1FX46-16 \$5.95</p>	 <p>PRI: 120v 50-60 cyc 37 VA SEC: 5VCT @ 2A 6.3V @ 1A 5VCT @ 4A 3x3 1/2 x 5 WT. 7 LB BENDIX #L217336-1 PRICE: \$3.95</p>	 <p>AUTO TRANSFORMER WITH TAPS AT 320v, 350v, 380v, AND 420v. 1.25 A WT. 25 LB. 4 1/2 x 6 x 8 #CRV-30825 \$7.95</p>	<p>VARIACS</p> <p>STANDARD ELECTRICAL PRODUCT VARIAC 30 VOLTS 5 AMP. 3x3x2 0 WT. 3 LBS. \$4.95</p>
 <p>7.5 HY 550 MA 5 1/2 x 6 1/2 x 7 3/4 LB T-47174 \$7.95</p>	 <p>8 HY 250 MA RES. 100 OHMS SIZE: 4x4x6 WT. 13 LBS. 5950-646-0775 \$4.95</p>	 <p>3.9 HY 950 MA TAPPED 2.7 HY. 25 OHM. D.C 2500 V. TEST 1 1/2 x 8 x 7; 45LBS. # 3C315-16 \$14.95</p>	 <p>10 HY 75MA DC 375 OHMS 1070 MV 2x2 1/2 x 1 1/2; 1 1/2 LB TF1A04EA \$0.89</p>	<p>FILTERS</p> <p>BAND PASS FILTER 2820 CYCLE WIDTH, BAND 1285-4200 CPS INPUT: 600 OHMS 250 OHMS OUTPUT: 120,000 OHMS 2 1/2 x 2 1/2 x 3 WT. 2 LBS. \$1.95 STK # 3Z1892-19</p>	 <p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4 1/2 x 5 1/2 x 7 1/2 18 LBS. #5950-645-3891 \$6.95</p>	<p>AUDIO</p> <p>PRI: 37,000 OHMS SEC: 7,400 OHMS FREQ. RES. 250- 14,000 CPS. 6 LBS. 3x3 1/2 x 4 #REL 12196 \$1.95</p>	<p>GENERAL RADIO VARIAC 230 V @ 2 AMPS. TYPE W5H SIZE 4 1/2 x 4 x 4 1/2 WT. 8 LBS. \$12.50</p> <p>VARIAC 400 CYCLE, 120 VOLT 3 PHASE, TANDEM 2100 VA. GR# TYPE 60-AG357. SIZE 11x5 1/2; WT: 15 LBS. PRICE: USED, \$9.95</p>
 <p>8HY 300 MA RESISTANCE 90Ω OIL FILLED WT. 7.5 LBS. SIZE: 6x3 1/2 x 4 1/2 3340-310-190-04 \$5.95</p>	 <p>2/9.5H. 300 /50 MA RES. 75 OHM OIL FILLED WT. 9LBS. SIZE: 3 1/2 x 4 1/2 x 7 FREED #17986 \$3.95</p>	 <p>10 HY 375 MA 100 OHMS RES. 2500 VRMS 60 CYC 4x4x6 WT: 15 1/2 LB BENDIX #L217210-1 \$3.95</p>	 <p>10 HY 225MA 85 OHM 3 1/2 x 5 1/2 x 5 WT. 11 LBS. #TF1RX04YY \$3.95</p>	 <p>PRI: 115/120/126/132 54/66 CPS. SEC: 1800V 3 MA; 6.3 @.6A; 2.5V @ 1.6 A. 3 1/2 x 4 1/2 x 3; WT: 6 LBS. #5950-583-1368 \$2.95</p>	 <p>TRANSTAT REGULATOR FIXED 115 50/60CY VARIABLE 0-130 AMPS. 10 24 LB. #N30668 NO DIAL \$19.95</p>	 <p>TRANSTAT REGULATOR FIXED: 115 50/60CY VARIABLE 90-130 AMPS: 17.4 #28323 25 LBS. \$18.95</p>	<p>115 V. 60 CPS 1 AMP \$ 5.95</p> <p>115 V. 350 " 2 " 3.95</p> <p>(3 GANG TANDEM) 10.00</p> <p>115 V. 350CPS 10 AMP 10.00</p> <p>SAME AS ABOVE 3 GANG 20.00</p>

ANTENNAS

Mast Bases

MP-22

MP-33

MP-37

Mast Sections

3 ft. Tubular steel, copper coated and painted sections. These screw together to make any desired length. MS-49 being the top & smallest section increasing in size through MS-50-51-52-53 to MS-54 being the larger one. Either the MS-53 or MS-54 will fit together to form any additional height desired. Example a 33 ft. vertical may consist of one each MS-49, 50, 51, 52, and 7 each of MS-53 or it may be finished out on the bottom with 6 MS-54 sections. Self support to about 18ft. Average Wt. app. 3/4lbs. MS-49-50-51-52-53 .50¢ea. MS-54 .75¢ea

Mast Bases

- MP-22 Side mount swivel mast base will tip to 90° either right or left. Has a spring snap lock in the vertical position, will take either the MS-53 or MS-54 mast sections. Size Mtg. plate 5" 6" X 10 1/2" high. Wt. 9 lbs. Price.....\$2.95
- MP-22A Same as above except mounting hole is for the MS-51 with the MS-49, MS-50 and MS-51. This will make a 9 ft. tapered antenna. Price \$2.95
- MP-33 A heavy weight spring mast base for the MS-53 or MS-54 with 5" phenolic insulator. 10 1/2" high. Requires a 2" Mtg. hole. Wt. 8 1/2 lbs. Price \$3.95
- MP-37 Heavy coil spring with an 8" climeter ceramic insulator. Requires a 2" Mtg. hole. 12" high Wt 10 1/2 lbs. Price.....\$5.95
- MP-48 A rugged mast base with the insulator above the spring will take the MS-53 or MS-54 mast sections. Size 3"D. X 16 1/2"H. Wt. 11 3/4 lbs. Price..... \$4.95

PARABOLIC ANTENNA

DISH PAN TYPE, FOUR (4) FOOT DIAMETER ALUMINUM PAINTED GREY, 21" FEED FOR APPROX. 7100 MC. THREE INCH ROUND MTG. FOR WAVE GUIDE SIZE 1-5/16 X 5/8, FOUR (4) MOUNTING STUDS WITH HARDWARE. PHILCO # 463-2252-1. SHIPPING WT. IN CARTONS 75 LBS. CRATE 225 PRICES: WITH FEED \$29.95 LESS FEED \$25.00 DEFROST ATTACHMENT \$5.00 EXTRA.

SIX HALF FT. ANTENNA ANDREW # N-14519, DISH TYPE UY-26 1700 to 1850 MC. WITH FEED STUB, PIPE MOUNTING ALUMINUM PAINTED GREY, 6 FT. 6 INCHES. SHPG. WT. 415 UNUSED \$49.50

REFLECTORS

MICROWAVE, PLANE TYPE CONFIGURATION, ALUMINUM, NOT PERFORATED. MOUNTED BY FRAME WORK OF REFLECTOR AND BRACKETS WITH HARDWARE, GUYS AND ADJUSTMENT FOR AZIMUTH. SIZE: 8 FOOT X 6 FOOT, NET WT. 125 LBS. SHPG. WT. 375. PRICE: \$50.00

- AS-150/ART Whip Antenna 30" long with 8ft. matching coax cable & SO-239 plug. \$1.50
- AS-97/ART Whip same as above except 72"rod. 1.95
- AS-27/ARN-5 Horizontal folded dipole as used with RC-103, BC-733, ARN-5 Equip. on airplanes. 108-110 MC. UNUSED \$5.95
- AN-148 Dipole Antenna 150 to 180 MC. 2.95
- AN-104A Stub Antenna f/SCR-522 100-156MC. 1.25

AS-27

AN-148

APS-2 REFLECTOR

POLISHED SPUN ALUMINUM. BAND CAN BE REMOVED. DIAMETER 29" x 27" FOCAL LENGTH 5" HOLE DIAMETER 2 1/2" SHPG. WEIGHT 6 LBS.

PRICE: \$5.95

IN-86

STRAIN INSULATOR Size 1x3 4 for \$1.

AN-45 for BC-620 8 foot \$2.95

INSULATOR TERMINAL STRIP 8 feed thru insulators size 1/2 x 1, mounted on 1 x 9 terminal strip. Each strip \$.35 Four strips \$1.00

ANTENNA PHOSPHOR BRONZE #16 1 CONDUCTOR WITH 2 SNAPS & SLIDE CONNECTOR, INSULATED.

AN-22 " 20 " .65

AS-65/APQ-2A ANTENNA ASSEMBLY CONSISTING OF 2 3" BASES WITH UG-23 COAX. CONN. AND ALUMINUM RODS 3/12", 1/9", 1/7", 1/5 1/2", 1/4". WT: 4 LBS. PRICE: \$5.50

AN-75D WHIP ANTENNA TELESCOPING TYPE. SEVEN (7) FT. EXTENDED 14" COLLAPSED, WITH MOUNTING BRACKET & BINDING POST. PRICE: EACH \$1.50

AT-35 DIPOLE ANTENNA 200-250 Mc. WITH UG-22 COAXIAL CONN. 2A288A-35 WT: 2LBS. \$1.50

SPREADER INSULATORS WHITE CERA 3/4"x4"x2 1/2" HOLE. CENTERS. \$.25 EACH 5 FOR \$1.00 3/4"x4"x12", 10" HOLE CENTERS \$.45 EACH, 3 FOR \$1.25

AN AN AN AN MP AN 109 130 745 74 75

AN-109 WHIP ANTENNA; 5 FT. TAPERED 1/4 TO 1/8 PRICES: \$1.50 EACH SIX (6) FOR \$3.00

AN-117 WHIP ANTENNA; 6 FT. TAPERED 5/8 TO 1/8 PRICES: \$1.50 EACH SIX (6) FOR \$3.00

AN-75 TELESCOPING WHIP 7 FT. TAPER 5/8-1/16 PRICES: \$1.00 EACH SIX (6) FOR \$4.00

AN-745 TELESCOPING WHIP 8 FT. TAPER 5/8-1/8 PRICE: \$1.00 EACH SIX (6) FOR \$4.00

AN-130 GOOSENECK WHIP 30", SCREW BASE FITS INSULATOR LISTED BELOW. PRICE: \$1.00 EACH SIX (6) FOR \$4.00

AN-20T CHROME TELESCOPING 20" PRICE: \$.50 EACH SIX (6) FOR \$2.00

2A-124 ALUMINUM ROD 3/8" X 6 FT. NO TAPER PRICE: .75 EACH SIX (6) FOR \$3.00

APS-4 RADAR ANTENNA 3 CM P/O APS-4 RADAR SET, REFLECTOR SIZE 13x15, WAVE GUIDE 1/2x1-1/8, OPERATES FROM 24 VDC MOTOR FOR SCANNING AZIMUTH, ALSO POSITION TRANSMITTER. WT; 26 LBS. USED \$14.95

WAVEGUIDE STUB FOR PARABOLIC ANTENNA 1 1/2" LONG FOR WAVE GUIDE 3/8x7/8. #7628350 PRICE: USED \$4.95

A-62 PHANTOM ANTENNA

USED WITH BC-604 TRANSMITTER FOR LOADING TRANSMITTER WITHOUT USE OF REGULAR ANTENNA. CAN BE USED FOR ANY TRANSMITTER IN THE 21 TO 28 MC. BAND. HAS A VARIABLE CAPACITOR 55 MMF., 2 RESISTORS, COIL SLUG TUNED, BINDING POSTS AND INDICATOR LAMP THAT LIGHTS WHEN TRANSMITTER IS LOADED. SIZE 3x6. WT: 4 LBS

\$1.25



GROUND PLANE ANTENNA

Ground plane antenna to cover 20 to 50 MC. Made from surplus insulated base & screw in type mast sections. Mounts on 1 to 2 inch pipe. Specify operating frequency range.

GROUND PLANE ANTENNA

\$10.95

AB-52/TRC-8 HALF WAVE DIPOLE ANTENNA & REFLECTOR 230-250 MC. 50 OHM COAX. CABLE FEED DIPOLE 3/4" DIA X 20" LG. 14" SUPPORT, UG-22 COAX FITTING, REFLECTOR 36x30, FOLDS TO 30"x23"x8", MOUNTS TO MAST HEAD BY MEANS OF ADJUSTABLE CLAMPS AND CAN BE USED FOR HORIZONTAL OR VERTICAL POLARIZATION. WT: 20 LBS. PRICE: \$3.95

UG-21 COAX. CONN. TO FIT ANTENNA \$.75

LP-21 LOOP ANTENNA IN HOUSING. USED IN AIRCRAFT FOR RADIO COMPASS DIRECTION FINDING 200-1500 KC CONTAINS CK-2 REVER SIBLE MOTOR & MC-507 AUTOSYN COMPENSATOR WITH SLIP RING ASSY. (SHOWN ON PAGE 31 WITH WIRING DIAGRAM) MOTORS OPERATE FROM 26 V 400 CYCLE. (CAN ALSO OPERATE FROM 60 CYCLE AS SHOWN ON PAGE 31) SIZE: 20x16x10; WT: 15 LBS. USED \$9.95 PL-112 PLUG \$2.50 PL-108 \$1.50

AN-190 LOOP ANTENNA; FREQUENCY RANGE 3.5 TO 6 MC. CONSISTS OF 5 TURNS OF WIRE ON A COLLAPSIBLE WOOD FRAME WITH HANDLE, 3FT OF CABLE WITH PLUG AND COUPLING ADJUSTMENT. CAN BE USED ON OTHER FREQUENCY SIZE: OPEN 21 1/2x27 1/2, CLOSED 17x3; WT: 4 LBS. \$1.50

AT-598/APT WHIP ANTENNA 30 1/2" LG. WITH COAX REG. FOR UG100A/U \$2.50

AT-598 MATCHING COAXIAL LINE 11 IN. RG-14 52ORM CONNECTORS \$2.50

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS THAT TUNES FROM 200 TO 1750 KC. OPERATES FROM 26 VOLT 400 CYCLE SIZE: 10x11x5; WT: 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95

RADAR ANTENNA RCA#636500-1 24" PERFORATED REFLECTOR, 12" STUB. 1/4 H.P. MOTOR 208 V. 400 CYC. 3 PHASE 360 DEG. ROTATION, 22.5 VARIABLE ANGLE, AY-221S RESOLVER, 36/11.8 V. 400 CYC, 2 PHASE, RELAYS ETC. SIZE: 24 x 24 x 20; WT: 40 PRICE: USED \$19.95

A P R ANTENNA

AS-125/APR ANTENNA; FOR USE WITH RECEIVERS OPERATING IN THE 1000-6000 MC. FREQ. RANGE, 6" MOUNTING RING W/HARDWARE, UG-22 COAX. CONN. RECEPTACLE. SIZE: 6x8; WT: 4 LBS. \$1.95 UG-21 TO FIT UG-22.....50

AS-158/APA-24 DIPOLE ANTENNA CONSISTS OF TWO DIPOLES THAT EITHER CAN BE USED IN A HORIZONTAL OR VERTICAL POSITION, FREQUENCY RANGE 450 TO 750 MC. MOUNTED ON 34" MAST, TWO LENGTHS OF TWIN COAX. WITH PLUGS 4 1/2 FT. PRICE: \$2.50

NEON LIGHTING ARRESTOR HI-POWER 4 for \$1

SMALL ANTENNA INSULATORS Insulating material made of polystyrene Size 1 1/2 x 1 1/2 Mtg. hole 3/4" Receptacle size 3/8x24 TH. STOCK # 223021-227 Fits ANT. AN-130, 131, Size 7/8x1 1/2 Mtg. hole 5/8" Receptacle size 1/2 x 20 TH. Fits any of the UHF Rods Stock # 223062-237 Specify type each \$.75

CABLES

NEW COAXIAL CABLE



NEW MANUFACTURE AND BRANDED WITH STANDARD TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-BETWEEN LENGTHS USE THE HIGHER PRICE. LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

	100 FEET	500 FEET	1000 FEET	5000 FEET
RG-8/U	52 OHM .12	.11	.10	.10
RG-11/U	75 OHM .12	.11	.10	.10
RG-58/U	53 1/2" .05	.05	.05	.04
RG-59/U	73 " .05	.05	.05	.04

PRICES ARE PER FOOT

NEW COAXIAL CONNECTORS

SO-239	PL-259	M-359	PL-258 JUNCTION
\$.45 EA.	\$.45 EA.	\$.49 EA.	\$.89 EA.
10 OR MORE	10 OR MORE	10 OR MORE	10 OR MORE
\$.39 EA.	\$.39 EA.	\$.45 EA.	\$.80 EA.

TYPES MAYBE ASSORTED TO OBTAIN THE LOW PRICE

Coaxial Cable FOR LESS THAN 3c Per Foot! RG-54 A/U CABLE-



DESIGNED FOR LONG LIFE & CONSTANT ATTENUATION 58 OHMS, .250 OD. WITH POLYETHYLENE JACKET.

370 FOOT ROLL \$10.00 70 FOOT ROLL \$ 1.95

LESS THAN SPECIFIED LENGTHS .03 PER FOOT

COAX CABLE ASSY.

TYPE	OHMS	LENGTH	CONNECTOR	STOCK#	PRICE
RG-8/U	52	30FT	2/UG-21	CG-55	\$1.75
RG-8/U	52	8FT	2/PL-259	CA-102	.75
RG-21/U	53	10FT	UG-21/22	CD-780S	.35
RG-22/U	95	40FT	PL/284	CD-879	.75
RG-22/U	95	46 1/2FT	PL-284	CD-878	.80
RG-22/U	95	50FT	PL-284	CD-877	1.00
RG-62/U	93	10FT	2/UG-88	CG-1410	.35
RG-62/U	93	22FT	2/UG-88	CG-1410	.75
RG-62/U	93	35FT	2/UG-88	CG-1410	1.00
RG-62/U	93	130FT	2/UG-88	CG-1410	1.95

CABLE #	PLUG #	LENGTH	USED WITH	PRICE
3E7243-2	GK12-23 1/2	52 IN.	TCS/REC-PS	\$2.75
3E7273-19	SKC16-23 1/2	29 IN.	TCS/TRS-PS	2.75
CD-515		48 IN.	BC-669	5.95
CD-501	F/BC-654 & PE-103			4.95
CD-548	2EA PLI18	9 FT.	TEST SET	4.95
CD-549	2/ PL-112	9 FT.	TEST SET	4.95
CD-526	2/ PL-153	5 FT.	274 N SERIES	4.95
CD-532	2/ PL-152	5 FT.	"	2.75
CD-509		8 FT.	BC-659/620	2.75

ATTENUATOR

IMPEDANCE MATCHING ASSEMBLY WITH 52 OHM CABLE 20" LONG, PL-259 CONNECTORS EACH END AND ATTENUATOR WITH 3" SLIDING ADJUSTMENT AND FEED THRU CONNECTORS EACH END. ATTENUATION 30 DB TO 100 DB 30 TO 450 MC. STOCK# 22396-7 PRICE: USED \$1.25 UNUSED \$1.95



CORDS AND CONNECTORS #3701 9 1/2" RG-71/U WITH BNC CONNECTORS UG-260/U AND CHASSIS CONNECTOR. \$.85

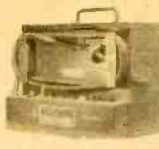
#6784 3 1/2" COAX WITH BNC CONNECTOR UG-260B/U AND UG-262B/U \$.50

#0156 6 1/2" RG-9A/U WITH 2 CONNECTORS UG-210/U \$.65

1-223

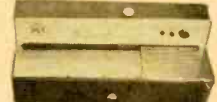
RANGE CALIBRATOR

1-223 RANGE CALIBRATOR IS USED FOR CHECKING AND ADJUSTING THE RANGE MEASURING CIRCUITS OF A PULSE-OPERATED RADAR APPARATUS



THE RANGE CALIBRATOR IS USED TO CALIBRATE, AT A NUMBER OF SELECTED POINTS, THE RANGE INDICATIONS OF RADAR APPARATUS. THIS UNIT PRODUCES THREE OUTPUTS: A SINE-WAVE OUTPUT AT 163.94KC A SYNCHRONIZING PULSE WITH A REPETITION RATE OF APPROX. 240 PULSES PER SECOND, AND POSITIVE PULSES HAVING PULSE WIDTH OF NOT MORE THAN ONE MICROSECOND AND A REPETITION RATE OF 163,940 TIMES PER SECOND. COMPLETE WITH CRYSTAL 163.94 KC; TUBES: 2/6V6, 2/6L6, 2/6SN7, 6SJ7, 5Y3. SIZE: 9 1/2 x 11 1/2 x 12 1/2 WT. 31 LBS.

OPERATES FROM 115 VOLT 60 CYCLE. USED \$9.95



ELECTROFAX SIGNA GUARD

RCA ELECTROFAX SIGNA GUARD USED TO ENCODE THE SIGNATURE OF BANK CUSTOMERS BY A PROCESS OF LIGHT EXPOSURE AND HEAT DEVELOPMENT. SPECIAL FIBER OPTICS USED TO DECODE SIGNATURE. THE PROCESS IS TIMED BY A CAM TYPE TIMER. THE ORIGINAL SIGNATURE TO BE ENCODED IS PROJECTED ON LIGHT SENSITIVE PAPER, THE EXPOSED SIGNATURE IS THEN SCRAMBLED, THEN IT IS MOVED ON TO THE HEAT DEVELOPER. THE ENCODED SIGNATURE IS THEN PLACED IN THE PASSBOOK. WHEN A WITHDRAWAL IS MADE THE TWO SIGNATURES ARE COMPARED UNIT HAS HIGH VOLTAGE POWER SUPPLY, PROJECTION LAMPS, MOTORIZED CARRIAGE, MISC. COMPONENTS AND FIBER OPTICS. SIZE: 13x11x22 WT. 50 LBS. NEW: \$34.95

RCA OSCILLOSCOPE

RCA CATHODE RAY OSCILLOSCOPE MODEL 155-C. INPUTS; VERTICAL AMPLIFIER, HORIZONTAL AMPLIFIER. EXT. SYNCH. CONTROLS: VERTICAL CENTERING, HORIZONTAL CENTERING, VERTICAL GAIN, HORIZONTAL GAIN, SYNCH. ADJUST. FREQUENCY, FREQUENCY RANGE, SYNCH SELECTOR, EXT. LINE, INT. HORIZONTAL INPUT, SWEEP OR AMPLIFIER. COMPLETE WITH TUBES; 2/5Y3, 2/6SJ7, 6C8, 3AP1 SIZE: 8x14x14 1/2 SHP. WT. 30 LBS USED \$50.00



DUMONT OSCILLOSCOPE

DUMONT CATHODE RAY OSCILLOSCOPE SIGNAL INPUT ON THE X, Y, AND Z AXIS. INPUT FOR TEST PROBE. Y ATTENUATION 1:1, 10:1, 100:1. X ATTENUATION 1:1, 10:1. Z SIGNAL SELECTOR EXT BLANKING OR OFF. CONTROL FOR SYNCH SIGNAL 100 -0-100, SYNCH SELECTOR; EXTERNAL, 60CYC, OR Y SIGNAL. FREQ. RANGE X SIGNAL INPUT 15, 60, 220 900, 3K, 10K, 30K. FREQ. VERNIER; CONTROLS FOR INTENSITY, FOCUS, Y POSITION, X POSITION, X AMPLIFIER OR TERMINALS, Y AMPLIFIER OR TERMINALS TUBES COMPLETE WITH TUBES, LESS PROBE. TUBES 6J5, 5Z3, 6V6, 80, 2/6AC7, 3/6SN7, 6Q5, 6SJ7, 4/6AG7, 5J1P1 SIZE 19x15 1/2 x 11 SH. WT. 95 LBS. (USED \$75.00)

CABINETS

METAL EQUIPMENT CABINETS HEIGHT DEPTH PANEL SIZE WT 10 1/2 15 19x8 1/2 28 USED \$5.95 (BLACK) SLOPING FRONT CABINETS WIDTH DEPTH HEIGHT WT. 14 1/2 8 8 6 18 1/2 8 9 7 USED \$2.95 EA. 16 8 8 1/2 8 USED \$3.95



TS-13/AP TEST SET; CONSISTS OF SIGNAL GENERATOR, XA BAND WAVEMETER, WATTMETER, PLUMBING ETC. OPERATES FROM 115 VOLT 60 TO 800 CYCLE. USED FOR BENCH FIELD TESTING OF RADAR EQUIP. ASD, A1A, APS-3 ETC. SIZE: 20x10x12: WT: 65 LBS. PRICE: USED \$40.

LOOK, LOOK, LOOK

AN/AMT-2 RADIOSONDE: CONSISTS OF TWO MAJOR COMPONENTS: T-69/AMT-2 TRANSMITTER F-2 EMISSION (FM) 390 TO 410 MC RANGE, WITH TUBES 1/1L4 & 1/955 BATTERIES REQ. BB-208 DESCRIBED BELOW.



ML-3100 MODULATOR WITH SENSOR MECHANISM CONTAINING ELEMENTS CONTROLLED BY PRESSURE, TEMPERATURE AND HUMIDITY WHICH IS THEN TRANSMITTED. UNIT IS ATTACHED TO TRANSMITTER WITH CLIPS AND CONNECTED BY CABLE. BB-208 BATTERIES ARE DRY CHARGED AND PLUG-IN TO THE TRANSMITTER BOX. CONSISTS OF 3/36 VOLT & 1/6 V. EQUIPMENT IS INTENDED TO BE TAKEN ALOFT BY A FREE BALLOON AND TRANSMITTED METEOROLOGICAL INFORMATION TO A GROUND STATION. ACTUAL WEIGHT 2 LBS. SHPG. 3 LBS. ALL 3 \$3.95

BB-208 BATTERIES

DRY CHARGE FOUR (4) IN A VACUUM PACKED CAN, ONE 6 V 24 HR. THRU 30 OHMS (3) THREE 36 V 3 A. HR. THRU 1200 OHMS. EA. BATT. SIZE 1-5/16x29/32x4-5/32; WT. EA. 4 1/2 OZ. SHPG. 1 LB. 59 1/2 EA. 2 FOR \$1.00 CASE OF 24 BATTERIES WITH HYPODERMIC \$10.00



SYLVANIA OSCILLOSCOPE

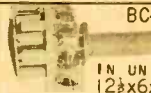


TYPE 101 HYGRADE SYLVANIA CATHODE RAY OSCILLOSCOPE. CONTROLS FOR VERTICAL AND HORIZONTAL POSITION INTENSITY, FOCUS, VERTICAL GAIN, HORIZONTAL GAIN, INTERNAL SWEEP FREQ. (FINE AND COARSE), SYNCH AMP AND SYNCH. SELECTOR (EXTERNAL, LINE AND INTERNAL) COMPLETE WITH TUBES 5/6V6, 3/7N7, 884, 7C7, 6X5, 2X2, 80, 58P1. SIZE: 20x14x9. SH. WT. 80 LBS. USED \$60.00

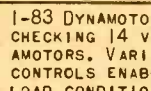
RADAR INDICATOR



10-93/APG-13A RADAR INDICATOR USING A 3" SCOPE TUBE 3BP1, 2/6H6, 6/6SN7, 1/5Y3 & 1/2X2 TUBES. POWER REQUIRED 115 VOLT 380-1600 CYCLE, CONTROLS FOR VERT. HORIZ., INTENSITY, ZERO SLOPE, MARKER AMPLITUDE, RECEIVER GAIN, YARDS RANGE, FOCUS ETC. 28 VOLT D.C. REQ. FOR BLOWER, AC OR DC FOR FILAMENT. SIZE: 8x10x16; WT: 25 LBS. NEW \$18.95



BC-745 TRANSMITTER-RECEIVER A.M. CHASSIS; 2 TO 6 MC. CRYSTAL CONTROL FIXED FREQ. BY USE OF PLUG IN UNITS. (SEE PAGE 5 FOR DESCRIPTION 12x6x6; WT: 7 LB. LESS TUBES \$3.95



1-83 DYNAMOTOR TEST SET USED FOR CHECKING 14 VOLT OR 28 VOLT DYNAMOTORS. VARIABLE INPUT & OUTPUT CONTROLS ENABLE SIMULATION OF LOAD CONDITIONS. 3" METERS FOR MEASURING INPUT & OUTPUT VOLTS 0-35 VDC & 500 VDC RESPECTIVELY. INPUT CURRENT 0-10 AMPS, OUTPUT 0-250 MA. ALSO METER FOR MEASURING PERCENTAGE OF RIPPLE IN THE INPUT & OUTPUT. (THIS IS NOT A DC POWER SUPPLY ONLY A TEST UNIT) SIZE: 12 1/2 x 12 1/2 x 10 1/2. WT 23 PRICE. USED \$18.95 CONNECTOR, CABLE & TERMINAL STRIP... \$2.75

HIGH CAPACITY CAPACITORS

HIGH CAPACITY CAPACITORS IN BANKS OF TWENTY OR INDIVIDUALLY. 16x13x5, WT 40 LBS. FOR RACK MOUNTING. SOLA 25,000 MFD @ 25 VDC SINGLE \$1.95 BANK \$28.50 MALLORY 20,000 MFD @ 25 VDC SINGLE 1.50 BANK 24.50

FREQUENCY POWER METER



FREQUENCY POWER METER ME-51/UP FREQUENCY COUNTER 1100-3999 CALIBRATED TO FREQUENCY 3100MC TO 3500 MC. HAS 0-1.5 MA; 0-25 MW METER. WITH CABLES. IN METAL CARRYING CASE 18 LBS. 8 1/2 x 9 1/2 USED \$19.95

DYNAMOTOR TESTER



TS-414 DYNAMOTOR TESTER
THIS EQUIPMENT PROVIDES A MEANS OF TESTING DYNAMOTORS OF SEVERAL TYPES UNDER LOAD CONDITIONS. PROVISION IS MADE FOR THE MEASUREMENT OF INPUT VOLTAGE, INPUT CURRENT, OUTPUT VOLTAGE, OUTPUT CURRENT AND OUTPUT RIPPLE VOLTAGE OF BOTH SINGLE AND MULTIPLE OUTPUT DYNAMOTORS. METERS; INPUT D.C.V.; INPUT AC VOLTS RMS; DC OUTPUT CURRENT; DC OUTPUT VOLTS POWER REQUIRED: 14/28 VDC, 50 AMPS.
SIZE: 27x21x17 1/2. WT. 100 LBS. \$79.50

FLUORTEST



DACO FLUORITEST USED TO TEST 4 OR 6 WATT FLUORESCENT LAMPS 60, 120, 200 AND 400 CYC. TESTS POWER SUPPLY, FIXTURES LAMPS, STARTERS, REACTOR
CONTAINS 2 1/2" MILLIAMMETER AND SET OF CORDS. OPERATES FROM 110 VOLTS 60 CYC. WT. 15 LBS
SIZE: 7x13x15 \$8.95

MICROWAVE GENERATOR



TS-147B/UP MICROWAVE SIGNAL GENERATOR
PORTABLE UNIT DESIGNED TO TEST AND ADJUST RADAR, RECON AND MICROWAVE COMMUNICATION SYSTEMS OPERATING IN THE FREQUENCY RANGE OF 8500 TO 9600 MC. PROVIDES EITHER FM OR CW TEST SIGNALS OF KNOWN POWER LEVEL & FREQUENCY. THIS UNIT CONTAINS A DIRECT READING FREQ. METER AND POWER LEVEL METER WHICH POWER REFERENCED TO ONE MILLIWATT (DRM). USED TO MEASURE THE FREQ. AND POWER LEVEL OF THE INPUT AND OUTPUT SIGNALS. SPECTRUM WIDTH, FREQ. CHANGE, RECOVERY TIME AND STANDING WAVE RATIO. CAN ALSO BE MODULATED EXTERNALLY. OPERATES FROM 115 VOLT 50-1600 CYCLES. LESS CABLES, PLUGS, ADAPTER, PICK UP HORN. SIZE: 11x11x18 1/2x12 1/2. WT: 35 LBS. USED \$59.50
TS-147B/UP SIGNAL GENERATOR AS PHOTO \$59.50
TS-147A/UP " " SIMILAR TO " 49.50

WAVEMETER

TS-117 WAVEMETER; 2400 TO 3400 MC P/M 3 MC TRANSMISSION RANGE; P/M 6 MC. ABSORPTION RANGE; 0-50 MICR OAMP METER D.C. IN21B CRYSTAL RECTIFIER, AS-23/AP ANTENNA, UG-57U, UG-131/U ADAPTERS AND CG-183/U CABLE. TUNING CAVITY WITH CALIBRATION CHART. WOOD CARRING CASE. SIZE: 8x6x6 1/2. WT: 10 LBS.
PRICE: USED \$18.95
RE-NEW 24.95



SIMPSON VTVM 303



SIMPSON VACUUM TUBE VOLTMETER #303
SCALES -DCV, DCV, ACV, 0-1.2; 12; 60; 300; 1200 VOLTS. OHMS: 0-1000/RX-1/RX-100/RX-1K/RX-10K/RX-1 MEG.
DB RANGES: -20 + 63, 5 RANGES.
METER SIZE 4"x4", OVERALL 5 1/2"x7x3 WT: 7 LBS. USED \$35.00



1-199 TEST SET
DYNAMOTOR & HAND GENERATOR TESTER USED TO CHECK EQUIPMENT UNDER LOAD CONDITIONS. INPUT VOLTAGE READINGS 0-60 VOLTS DC & 60 AMPS. D.C. OUTPUT VOLTAGES 0-1200 VOLTS D.C. & 600 MA. D.C. ALSO PERCENTAGE OF RIPPLE IN THE INPUT & OUTPUT, ALL SHOWN ON 3" RD. METERS ALSO CONTROLS FOR VARIING VOLTAGE & CURRENT UNDER LOAD. SIZE: 18x12x11. WT: 40 LBS.
PRICE: USED \$29.50 NEW \$39.50

BC-638 FREQUENCY METER
100 TO 156 MC CRYSTAL CONTROL ON FOUR PRE-SET FREQUENCIES; VARIABLE TUNING WITH MAGIC EYE CONTROL. USED WITH SCR-522 AND OTHER SETS. OPERATES FROM 115 VOLT 60 CYCLE ALSO PROVISIONS FOR BATTERY OPERATION AND HAS BELT CONTAINED MODULATOR. RACK PANEL MTG. 19" x7x9. WT: 35 LBS.
PRICE: USED \$12.95



1-177 TUBE CHECKER

USED \$29.95



PORTABLE DYNAMIC MUTUAL CONDUTANCE TYPE WITH 3" METER FOR INDICATING GOOD, BAD OR QUESTIONABLE ALSO GASES, SHORTS & NOISE. WILL CHECK 4 TO 7 PIN LARGE, SMALL, OCTAL, LOCTAL, ACORN ETC. WITH CHART FOR TUBES BEFORE 1953 LATER TYPES SEE BELOW. SIZE 5 1/2x15 1/2x8 1/2. 16 LBS
1-177 TUBE CHECKER ADAPTER; NEWLY MANUFACTURED UNIT TO REPLACE THE MX-949/U MILITARY TYPE. HAS SOCKETS TO TEST 7&9 PIN MINIATURE, OCTAL, LOCTAL, NOVAR AND COMPACTRON TUBES. PIN PLUGS ARE USED FOR THE TUBE SET-UP. \$26.50
BIGELOW 1-177/MX-949 SPEC. ADAPTER 1-177 SERIES TUBE SET-UP CARDS FOR USE WITH THE ABOVE DESCRIBED ADAPTER TO CHECK THE MORE MODERN TYPE TUBES. MANY TYPE ARE NOW SET UP AND YOU GET A ONE YEAR TUBE DATA SUBSCRIPTION FOR ADDITIONAL TYPES.
ORDER BIGELOW 1-177 CHART.... \$4.99

WESTON MULTIMETER

WESTON MODEL 772 MULTIMETER
20,000 V DC. AC AND DC VOLTAGE RANGES: 2.5, 10, 50, 250, AND 1000V CURRENT RANGES: 100UA, 1MA, 10MA, 50MA, 250MA, 1A, 10A. RESISTANCE RANGES X1, X10, X1000, X10K. OUTPUT METER SCALES -40DB, +80DB, +220DB, +360DB, +480DB. SIZE: 5 1/2x9 1/2x15 WT. 12 LBS.
USED \$25.00



SIGNAL DATA RECORDER TEST SET
USED FOR TESTING TAPE TYPE RECORDERS IN AIRCRAFT. OPERATES FROM 115 VOLT 400 CYCLE, WITH 2/5787W & 2 VOLTAGE REGULATOR TUBES, 3 1/2" RD. 0-50 MICRAMPERS ETC METER, PICK-UP HEAD, CABLE ETC. IN CARRING CASE. SIZE 13x6x9; WT: 12 LBS.
#7CAC-801319-628 \$24.95



ALTIMETER TEST SET

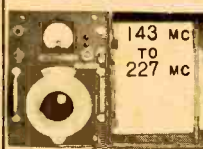
TS-10B APN



USED FOR CHECKING SENSITIVITY, TUNING, ANTENNA SYSTEMS, CALIBRATION AND LIMIT CALIBRATIONS OF ALTIMETERS. CONTAINS 370 FT & 70 FT 58OHM RG-54A/U COAXIAL CABLE LEAD LINES, L-101 COAXIAL ATTENUATOR, ID-98 INDICATOR, 2/8 FT 1/20", 1/12" OF RG-8 52 OHM COAXIAL CABLE WITH PL-255 CONNECTOR EA. END AND 4/SO-239 CONNECTORS. COMPLETE IN CARRING CASE 19x15x7 WT 36 (SEE PAGE 5 FOR COAXIAL CABLE & CONN. ONLY)
PRICE: USED \$15.00 UNUSED \$18.00

1-51 TEST SET FOR TRANSMISSION MEASURING

PORTABLE BATTERY OPERATED UNIT USED TO MEASURE LOSS OR APPARATUS. AUDIO OSCILLATOR FREQUENCIES OF 500, 1000 AND 2500 CYCLES WITH LEVELS OF -40DBM, -20 DBM OR U DBM INTO A 600 OHM LOAD, THE RECEIVING AMPLIFIER IS CALIBRATED TO MEASURE LEVELS FROM A 600 OHM SOURCE BETWEEN -50 DBM & 15 DBM IN STEPS OF 0.5 DBM OVER THE FREQUENCY RANGE OF 100 TO 10,000 CYC THE 0 DBM IS ONE MILLIWATT IN 600 OHMS.
UNIT ALSO CONTAINS A EE-88 FIELD TELEPHONE, BATTERY OPERATED ASSY. WITH A TS-9 HANOSSET. AND BE PURCHASED WITHOUT THIS ASSEMBLY. COMES IN WOOD CARRING CASE 18 1/2x10x11. WT: 47LB
PRICE, COMPLETE WITH TELEPHONE ASSY & TS-9 USED \$29.95 RE-NEW \$39.50
LESS TEL. ASSY " 19.95 " 29.50



BC-906 FREQUENCY METER; ABSORPTION TYPE USING THE DIP OF A 500 VDC MICROAMMETER 2" FOR FREQ. INDICATION. REQUIRES BATTERIES FOR OPERATION. WITH ANTENNA 4" DIAL ETC. SIZE: 6 1/2x12x10 WT: 20 LBS. USED. \$9.95

URC-4 TEST SET



TS-684/URM-30 ANALYZER FOR URC-4 RADIO SET, ALIGNMENT AND TESTING CONTAINS 0-1 MA METER, METERING SWITCH, CRYSTAL OSCILLATOR, ANTENNA CABLES ETC. IN METAL CARRING CASE. SIZE: 6x6x4; WT: 4 LBS. NEW \$8.95

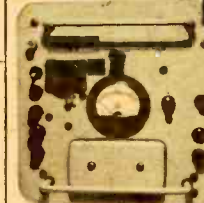
RANGE CALIBRATOR

AN/UPM-11 RANGE CALIBRATOR

ELECTRONIC DEVICE WHICH PROVIDES A MEANS OF CALIBRATING ACCURATELY THE RADAR RANGE OF ANY X-BAND RADAR SYSTEM. COVERS FREQUENCY RANGE 8500-9600 MC. PROVIDES MARKERS FROM 200 TO 50,000 YARDS. CONTAINS BOTH MANUAL AND AFC TUNING. POWER REQUIRED 115V 50-1000 CYCLES. SIZE: 15x19x22. WT. 85 LBS. \$100.00



RADAR TEST SET



AN/UPM-8 RADAR TEST SET
DESIGNED TO PERFORM RAPID PRE-FLIGHT CHECKS OF INSTALLED TRANSPONDERS. UNIT CHECKS TRANSMITTER AND RECEIVER FREQUENCY, POWER OUTPUT, AND PULSE SPACING SIMULTANEOUSLY. COMPLETE WITH TUBES; 6AU6; 3/604; 2/12AT7; 2/6AH6; 6/6AN5; 2/6F4; 5876; 2/5814A; 5687; 5675; 2/6AK5; 2021W; 6AL5; 2/6X4W; 0A2WA; 0B2WA; 2/5670; 2N274; POWER REQUIRED 115V 50-1000 CYCLES. SIZE: 14x13x13 1/2. WT. 40 LBS. \$39.95



1-130 SIGNAL GENERATOR
100-156 MC USED FOR TUNING SCR-522 RADIO RECEIVER & TRANSMITTER 1000 CYCLE MODULATED SIGNAL, CRYSTAL OR VARIABLE OSCILLATOR, ANTENNA OUTPUT PLUG & PLUG FOR PLUGGING IN 1-130 TEST METER. OPERATES FROM 6 VDC, HOUSED IN METAL CARRING CASE 19x8x6 1/2; WT: 27 LBS.
PRICE: USED \$14.95

1-139 TEST METER FOR SCR-522
RADIO SET, USED FOR ALIGNMENT AND SETTING CHANNELS. CONTAINS 0-1 MA METER D.C WITH CORD & PLUG. SIZE: 3x3x2; WT: 2 LB
PRICE: USED \$6.95



1-95 FIELD STRENGTH METER
FOR SCR-522 RADIO SET. USED TO CHECK SIGNAL OUTPUT AND MODULATION. CAN BE USED FOR ANY SET IN THE 100-156 MC BAND. CONSISTS OF 2" METER, CALIBRATED DIAL, TELESCOPING ANTENNA AND A VACUUM TUBE VOLTMETER CIRCUIT USING A 155 TUBE POWERED BY DRY CELL BATT. REQUIRED 2/22 1/2 & 1/1 1/2 VOLT.
SIZE: 8 1/2x7 1/2x7 1/2; WT: 15 LBS. USED \$14.95

OAP/CHZ-60ABN WAVEMETER-OSCILLATOR
140 TO 240 MC. R.F VTVM CIRCUIT WITH 6E5 MAGIC EYE INDICATOR TUBE. SO-239 CONNECTORS FOR INPUT CIRCUITS, WAVEMETER, V.T.V.M OUTPUT OSCILL. OSCILL. CALIB. 50 OHM NON-INDUCTIVE LOAD. 115 VOLT 50-70 CYC SIZE: 9x15 1/2x10; WT: 35 LBS.
PRICE: USED WITH CALIBRATION CHART \$14.95



COMPUTER AMPLIFIER SYSTEM
CONTAINS FIVE SPERRY SYNCHRO TRANS. PT#662426-3 CONNECTED BY GEARS TO DIALS, FOUR AMPLIFIER CHASSIS WITH 2/616 TUBES EACH, 3 1/2" NULL METER 10x0-10, CABLE AND ADAPTER IN ALUM. CARRING CASE SIZE 17 1/2x10x10; WT: 35 LBS. STK#T-101023
PRICE: \$22.95



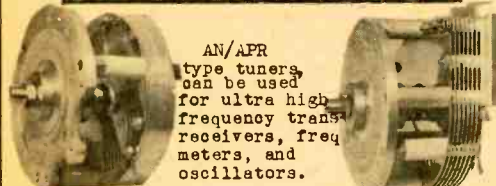
C-113/TRA-2 CONTROL UNIT, USED FOR REMOTE CONTROL OF T-14/TRC-1 TRANSMITTER, OPERATES FROM 115/230 V 60 CYCLE SUPPLIES 56 VDC @ 130 MA. FOR OPERATION OF MIC. & PHONE CIRCUITS UP TO 2 MILES FOR INTERCOM USE FROM A TWO WIRE CIRCUIT. WITH PORTABLE CASE, CABLES, RELAYS ETC. SIZE 14x9x12; WT: 30 LBS.
PRICE: UNUSED \$4.95

STROWGER RELAY

STROWGER STEP BY STEP RELAY ASSEMBLY IS USED IN CENTRAL OFFICE DIAL TELEPHONE EXCHANGE. THIS IS THE HEART OF THE DIAL TELEPHONE SYSTEM AS IT HAS THE TEN STEP BANK SELECTION AND 10 STEP LINE SELECTION TRUNK LINE SENSING MECHANISM WITH NECESSARY HOLD AND RELEASE RELAYS. (THE BANK OF ROTARY STEPPING SWITCHES IS NOT PART OF THIS ASSY) SIZE 14x5x7; WT: 13 LBS. WE#ED55242-31G1 PRICE: USED \$5.95



BUTTERFLY CONDENSERS



AN/APR type tuners can be used for ultra high frequency transmitters, receivers, frequency meters, and oscillators.

C-701
135-485 Mc
4 1/2" dia. 2 1/2" deep
Price: \$4.95

C-904
106-330 Mc
4 1/2" dia. 3" deep
Acorn socket for 955 tube.
Price: \$4.95



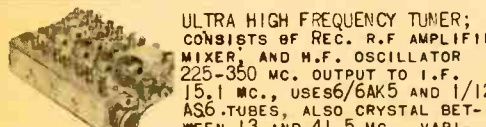
C-706
300-1000 Mc
2 1/2" dia. 2 1/2" deep
Price: \$3.95



H-3631
300-1000 Mc.
2 1/2" dia. 2" deep
Price: \$3.95

U.H.F. TUNERS

ULTRA HIGH FREQUENCY ASSY. TUNING UNIT USING 2C39 TUBE AS DRIVER AND A 2C39 AS A POWER AMPLIFIER. FREQ. OUTPUT 225-350 MC., 6F4 TUBE OSCILLATOR 112-175 MC. AND 6F4 DOUBLER CIRCUIT, TUNED CIRCUITS ARE GANGED FOR SINGLE KNOB CONTROL. ALSO HAS HAYDON 4.5 V. 75 MA. 12R.P.M. TIMER MOTOR. REMOVED FROM ARC-12 EQUIPMENT. SIZE: 10x6x4; WT: 7 LBS. #KS10362 PRICE: LESS TUBES \$3.95



ULTRA HIGH FREQUENCY TUNER; CONSISTS OF REC. R.F. AMPLIFIER MIXER, AND H.F. OSCILLATOR 225-350 MC. OUTPUT TO I.F. 15.1 MC., USES 6/6AK5 AND 1/12 AS6 TUBES, ALSO CRYSTAL BETWEEN 13 AND 41.5 MC., VARIABLE CONDENSERS ONE FOUR GANG 4-24 MMFD PER SECTION, OTHER 4 GANG 3 SEC. 4-25 AND ONE SEC. 5-41 MMFD, SINGLE DIAL CONTROL. REMOVED FROM ARC-12 EQUIPMENT. SIZE: 8x5x3; WT: 4 LB STK# KS-10329 PRICE: LESS TUBES \$2.95

AUTO CONTROL

ELECTRIC AUTOTUNE ASSEMBLY THAT OPERATES FROM 115 VOLT 60 CYCLE, 1/100 HP CAPACITOR TYPE MOTOR WITH AUTOMATIC GEAR & RACHETT ASSEMBLY THAT ENABLES YOU TO PRE-SET MOTOR ANY 10 POSITIONS IN 360 DEG. UNIT IS GEARED TO A TWO DECK 12 POSITION CERAMIC WAFER SWITCH THAT TERMINATES INTO A PLUG-IN SOCKET. TAKE OFF OF POWER CAN BE MADE AT BACK OF MOTOR OR CERAMIC SWITCH MAY BE REMOVED. ADJUSTMENTS FOR STOPS ARE MADE AT THE MOTOR AND THE CONTROL PANEL CAN BE LOCATED AT A REMOTE POSITION WHERE THE MOTOR STOP CAN BE SELECTED, PANEL ALSO HAS LIGHT DIMMER CONTROL AND LOCAL & REMOTE POSITION SWITCH. PART OF RDZ AUTOTUNE, COLLINS#596A RDZ#23491 SIZE: 9x4x6, WT: 7 LBS. PRICE: NEW \$5.95

MD-34/ARA-8 MODULATOR KEYING UNIT AUTOMATIC HOMING KEYING ASSY. THAT OPERATES FROM 24 VDC MOTOR THAT IS CONNECTED TO A WORM GEAR WHICH ACTUATES THE CODED WHEEL THAT INTERRUPTS THE SIGNAL AND TRANSFERS FROM ONE ANTENNA TO ANOTHER. ALSO HAS RELAY AND THREE SO-239 TYPE COAX. CONN. CAN BE USED AS A REMOTE ANTENNA CHANGE-OVER. SIZE: 3x10x4; WT: 5 LBS. PRICE: USED..... \$1.95



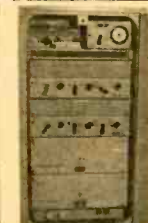
STROWGER RELAY SWITCHING DECKS THAT MOUNT ON THE END OF THE ASSY. SHOWN TO THE LEFT 2 ASSEMBLIES OF 10 DECK 10 CONTACT. WT: 4 LBS. #10D10C PRICE: USED \$1.00 WIPER ARMS 25¢ EA.



EE-101 TELEPHONE RINGING EQUIPMENT USED FOR CONVERTING 20 CYCLE RINGING TO 1000/20 CYCLE ALSO 1000 CYCLE TO 20 CYCLE FOR OPERATING TEL. DROPS ON 2 CHANNELS. OPERATES FROM 115/230 V. 60/60 CYCLE OR 12 VDC. WITH TUBES 6/6SJ7, 1/6V6GT. 19x9 RACK MTG. SHIPPED IN WOOD CHEST 100 LBS. PRICE USED \$9.95



TG-30 REPEATER, TELEGRAPH TERMINAL FOR TRANSMITTING OR RECEIVING ON A HALF DUPLEX ONE CHANNEL OPERATION. CAN BE USED TO INTERCONNECT NEUTRAL AND POLAR ENTRIAL OR TWO PATH POLAR TELEGRAPH OR TELETYPEWRITER SYSTEMS ON SIMPLEX OR COMPOSITED RETURN CIRCUITS. SPEED 60/66. OPERATES FROM 115/230 V. 50/60 CYC & 115 VDC SHIPPED IN WOOD CHEST 25x16x14; 175 LBS PRICE: USED \$12.95 RE-NEW \$16.95



TELEGRAPH REPEATER WE#61824A, TWO COMPLETE UNITS WITH RECTIFIERS THAT OPERATE FROM 115 V. 50-60 CYCLE. THE REPEATERS ARE DESIGNED TO OPERATE AT TELETYPE SPEEDS, OPEN WIRE COMPOSITED OR SIMPLEX CIRCUITS, 2 PATH POLAR OR OTHER FORMS OF TRANSMISSION. METERING, PATCHING JACKS, TESTING, MONITORING AND ADJUSTING CONTROLS ARE ALL AVAILABLE ON THE FRONT PANELS. THE UNIT IS HOUSED IN A METAL CABINET WITH A HINGED DOOR FRONT & BACK. SIZE: 22 1/2 x 17 x 42; WT: 200 LBS. RE-NEW PRICE: LESS PLUG-IN RELAYS RE-NEW \$19.95 WITH " " " RE-NEW \$34.95

RECORDER-VISUAL



BC-1323A RECORDER-REPRODUCER AUDIO-VISUAL, USED TO RECORD ON STEEL TAPE 4 1/2" LONG 3 CHANNELS AUDIO FROM MICROPHONES, 64 OHM RECORDING HEAD, TAPE SIZE .050 W.X.002 TH.6" PER. SEC. RECORDING SPEED. DISPLAY ON 2" 913 CR TUBE VIEWED THRU RUBBER EYE PIECE. OPERATES FROM 6 VDC 5.5 AMP. WITH 10/9001, 1/6AK6 & 1/913 CR TUBES. SIZE: 8x28x6; WT: 40 LBS. \$12.95

PORTABLE REPEATER

EE-89 TELEPHONE REPEATER; PORTABLE BATTERY OPERATED, 2 WAY LINE UNIT, CAN BE USED AS TERM. OR INTERMEDIATE AMPLIFIER, USES ONE 3Q5GT TUBE, INCLUDES HEADSET ELEMENT FOR MONITORING AND GAIN CONTROL, BATTERY VOLTAGE REQUIRED 1.5 & 90 VDC. IN WOOD CASE W/CARRING STRAP. SIZE: 6x9x8; WT: 12 LBS.



AMPLIFIER

CCI 50272 AUDIO BOOSTER AMPLIFIER. AUDIO OUTPUT APPROX. 3 WATTS WHEN USED WITH PRE-AMP OR TO BOOST POWER OF INTERCOM. OUTPUTS TO 6,15,600 OHMS. FOR 19 INCH RACK MOUNTING. TUBES: 5Y3, 6AG7. OPERATES FROM 110 VOLTS 50-60 CYC. SIZE: 11x5x19 WT. 30 LBS. USED \$12.95



NAVY INTERCOM AMPLIFIER USED WITH TCS EQUIPMENT. PUSH-PULL 2/12A6 TUBES, CARBON MIC. INPUT 75-200 OHM ALSO 600 OHM. OUTPUT 125 OHM. VOLTAGE REQUIRED 12 VDC & 250 VDC 60 MA. HAS MOUNTING FOR DYNAMOTOR 35x32, 12 VOLT. (SEE CONVERSION INFORMATION LISTED BELOW.) SIZE: 7x10x7; WT: 15 LBS. PRICE: AMPLIFIER WITH TUBES \$2.95 " " " & DYN. 6.95 KIT FOR CONVERSION TO SPEAKER OUTPUT, APPROX 5 WATTS, INCLUDES OUTPUT TRANSFORMER, MIC & PHONE JACKS, SWITCH, CABLE AND PLUG FOR PLUGGING INTO LIGHTER AND INSTRUCTIONS. \$2.00

BALLATINE



BALLATINE ELECTRONIC VOLTMETER #300 FREQ. RANGE 10 TO 150,000 CYCLES. VOLTAGE RANGE ONE MILLIVOLT TO 100 VOLT A.C. INPUT IMPEDANCE 1/2 MEG, ACCURACY 2% TO 100 KC. 3% ABOVE. 4 1/2" METER, FIVE VOLTAGE RANGES. SIZE: 11x6x4 1/2; WT: 14 LB USED \$75.00



THERMO-GRIP ELECTRIC SOLDERING IRON MFG BY IDEAL INDUSTRIES, MODEL 5C. OPERATES FROM 115 VOL 60 CYCLE 10 AMPS. OUTPUT OF TR TRANSFORMER IS 3-4 VOLTS AC, 2-300 AMPS. PLIER ATTACHMENT IS

INTENDED TO BE USED FOR SOLDERING LUGS UP TO 150 AMPS OR COPPER PIPE UP TO 3/8". PLIER IS 12" LONG AND CABLES 52". WITH SUITABLE ATTACHMENTS TRANSFORMER CAN BE ALSO USED FOR HEAVY SPOT SOLDERING AND ETCHING. WT: 30 LBS. PRICE WITH CARRING CASE \$19.95



THERMO-GRIP MIDGET SIZE SOLDERING PLIERS IDEAL NO. 12-023. THESE PLIERS ARE ONLY 9" LONG AND HAVE A 54" CABLE WITH CONNECTORS AND IS INTENDED TO BE USED WITH A 300 WATT TRANSFORMER FOR LIGHTER WEIGHT WORK. WT: 2 LBS.

PRICE: CABLE & PLIERS ONLY \$2.95
BC-1141 MINE DETECTOR AMPLIFIER AS USED IN SCR-625 MINE DETECTOR. HAS SENSITIVE AMPLIFIER & TONE SYSTEM THAT WAS USED TO DETECT METALS. OPERATES FROM 2 FLASH-LIGHT & 93 VOLT DRY CELLS. COMPLETE WITH TUBES 2/1N5GT & 1/1G6GT, LESS BATTERIES. SIZE: 14x6x5 WT: 10 LBS. PRICE: USED \$3.95

BC-611 TEST SET

IE-17 TEST EQUIPMENT USED FOR TESTING & ALIGNMENT OF REC-TRANS, TESTING CRYSTALS AND MEASUREMENT OF VOLTAGE OF BATTERIES BA-37 & BA-38. CONSISTS OF THE FOLLOWING 1-135 TEST UNIT IN CASE WITH HINGED COVER & HANDLE CONTAINS MICROPHONE, EARPHONE, MULTI-RANGE 3" METER FOR CHECKING 0-3 & 0-150 VDC 0-1.5/15/60/600 MA DC & 0-60 VAC WITH MASTER SWITCH, RF & AUDIO OSCILLATOR CRYSTAL TEST & BATTERY COMPARTMENT ALSO CABLE HARNESS. CS-81 TEST CASE WHICH IS THE SAME SIZE AS THE BC-611 AND IS USED TO HOLD THE CHASSIS UNDER TEST, HAS PRESS TO TALK SWITCH AND ALIGNMENT OPENINGS. (NO MIC OR EARPHONE OPENINGS.) FT-252 TEST STAND FOR HOLDING CS-81 CASE & A-82 PHANTOM ANTENNA WHICH CONSIST OF A 3" 0-40 MA. RF METER, VARIABLE COND. & REC.-TRANS. SWITCH MOUNTED ON A BAKELITE PANEL. COMPLETE UNIT AS DESCRIBED ABOVE WITH INSTRUCTION MANUAL AND WOOD CHEST SIZE: 19 x16x9 ALL IN NEW CONDITION. SHPG. WT: 44 LBS

VISUAL FLASH LAMP

USED BY AIRCRAFT OR GROUND UNITS FOR IDENTIFICATION PURPOSES. DESIGNED TO DELIVER EXTREMELY BRIGHT FLASH OF LIGHT 1 FLASH PER 1/2 SEC. WHICH CAN BE SEEN BY AIR. IN BRIGHT SUNLIGHT FOR 3 MILES OR 1 MILE ON THE GROUND. AVAILABLE FOR 6,12 OR 24 V. OPERATION. CONSISTS OF A HIGH VOLTAGE CONVERTER USING A VIBRATOR TYPE POWER SUPPLY, PENNAC TUBE #1073. COMPLETE WITH 20 FT. CABLE SPARE PARTS & MANUAL. IDEAL FOR BOATS, PLANES, AUTO BOAT LANDINGS, COTTAGES, PHOTOGRAPHIC WORK ETC. (CAN BE OPERATED FROM 115 VOLT BY USING OUR D.C. POWER SUPPLIES LISTED ON PAGE 7) SIZE: 17x10x4 1/2; WT: 50 LBS. UNUSED \$29.50



ART-13 TRANSMITTER

100 WATT AIRCRAFT AUTOTUNE TRANSMITTER

MAKES A VERY SATISFACTORY AMATEUR UNIT FOR 80 40, 20 AND 10 METERS. THE AUTOTUNE FEATURE PERMITS YOU TO PRESET THE FREQUENCY DESIRED ON ANY 10 PRESELECTED CHANNELS. (FOR CONVERSION INSTRUCTIONS SEE MANUALS #2 & #3 \$3.00 EA. TUBE LINEUP 1/837, 1/813, 2/1625, 1/125J7, 2/6V6, 2/811, 2/12SL7, 1/12SA7. VOLTAGE REQUIRED 28VDC 10AMP, 400VDC, 225MA & 1250VDC 250MA. SIZE: 23x16x11 1/2 WT. 70LBS

PRICE: USED \$59.50

CONNECTOR PLUGS FOR TRANS. U/7 & U/8 \$2.50 EA. DYNAMOTOR FOR ART-13 WITH FILTERS & RELAYS 28VDC INPUT. PRICE: USED \$12.95

NEW

CONNECTOR PLUGS FOR DYNAMOTOR U-9 OR U-10 EACH \$2.50

CU-24/ART-13 ANTENNA SHUNT CAPACITOR CONSISTS OF 3 CAPACITORS 25MMF 10KV PRICE USED \$1.00



O-17/ART-13 LOW FREQUENCY OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 TUBE. ALL OPERATING VOLTAGES ARE OBTAINED FROM THE TRANS. POWER SUPPLY. SIZE 5 1/2x5 1/2x9; WT. 4LBS.



REQ. REPAIR "AS-IS" w/TUBES \$4.00



SA-22/ART-13 ANTENNA SWITCHING UNIT CONTAINS A BENDIX VACUUM RELAY LM-26G, 24VDC, 2 POSITION CERAMIC SWITCH & 4 LARGE INSULATORS SAME AS USED ON TRANSMITTER, ALSO SO-239 COAX. CONNECTOR. SIZE: 11x7x7 WT 10LBS

PRICE: NEW \$4.95



VARIOMETER COIL FOR ART-13 L-112, ROTOR & STATOR COILS WITH GEARED COUPLING. 4x5x3; 2LB. USED \$1.95

RELAY OUTPUT CIRCUIT SELECTING 24 VDC #K105 6x2x3; 2 LB. USED \$2.95



ART-13 AUDIO SPEECH AMPLIFIER CONTAINS TWO 6V6GT & ONE 12SJ7 TUBES, CAN BE USED FOR CARBON OR DYNAMIC MIC. SIZE: 7x4x3 1/2, WT: 4LBS, USED STK #2C254 PRICE \$5.95



ART-13 CFI CALIBRATION FREQUENCY INDICATOR & MCW OSCILLATOR ASSY. USED TO PROVIDE A CONSTANT CRYSTAL CONTROLLED STANDARD OF 200 KC. IN ORDER THAT FREQ. CAN BE CHECKED ALSO 1000 CYCLE TONE. WITH 200KC. CRYSTAL & 2 TUBES SIZE 6x5x3 WT. 3LBS STK. #801 PRICE USED \$6.95

HYDROPHONE



HYDROPHONE TRANSDUCER MICROPHONE

ROCHELLE SALT TYPE USED TO PICK UP UNDERWATER SOUNDS IN THE FREQUENCY RANGE OF 1 TO 20,000 CYCLES. AVERAGE IMPEDANCE 25 OHMS UP TO 400 FT. WITH TRANSFORMER HOUSED IN RUBBER WATERPROOF JACKET FILLED WITH OIL & 9 FT. RUBBER CONNECTING CABLE. SIZE: 56x3 1/2; WT: 21 LBS. (NOT MAILABLE) SONAR # NT-51038F PRICE: NEW \$18.95



SN-17/APS-10 SYNCHRONIZER, \$9.95 TRANSMITTER & RECEIVER ALSO SWEEP AND CONTROL CIRCUITS FOR THE INDICATOR. GENERATES CONTROL FOR THE PULSE RECURRENCE RATES OF 410 TO 820 CPS AND RANGE MARKS OF 0-4-25 MILES. SIZE 8x6x13; WT: 30 LBS.

TEST SET

TS-3A/AP RADAR FREQUENCY METER 2400 TO 3400 Mc USING A TUNEABLE CAVITY ALSO HAS 3" METER FOR TESTING POWER OUTPUT, 0-2 MA. MOVEMENT 0-20 SCALE. USED WITH SCR-717/720 RADAR SET. WITH CABLES, TEST LAMP, COMPUTER RULE ETC. SIZE: 8 1/2x8 1/2x8 1/2; WT: 25 LBS. PRICE: UNUSED \$9.95



AIRPORT MARKER BEACON 75MC TRANSMITTER RECEIVER

CDE-52326 NAVY MODEL MARKER BEACON TRANSMITTER PORTABLE UNIT THAT OPERATES FROM 115 VOLTS 60CYC WHICH TRANSMITS A KEYED OR A CONTINUOUSLY MODULATED SIGNAL VERTICALLY IN A BALLON-SHAPED PATTERN ON 75MC. USED AT AIRPORT LANDING FIELDS RUNWAYS IN CONJUNCTION WITH MARKER BEACON RECEIVERS THAT ARE INSTALLED IN THE PLANE THUS ENABLING THE PILOT TO KNOW WHEN HE IS OVER THE RUNWAY. (IN CONJUNCTION WITH HIS OTHER INSTRUMENTS.) WATTAGE OUTPUT (1) ONE WATT MASTER OSCILLATOR & MODULATED CW, 400CPS, 1300CPS, 3000CPS TUBE LINEUP 4/6V6, 2/6SN7, 1/6SR7, 1/6S, 2/VR150. 30 & 1/5Y3. COMPLETE WITH TUBES & DIPOLE ANTENNA & OPERATING MANUAL. SIZE: 17 1/2x10x11 WT 35LBS PRICE UNUSED \$29.95

BC-1333 MARKER BEACON RECEIVER 75MC. USED TO RECEIVE SIGNALS FROM ABOVE TRANSMITTER. WHEN SIGNAL IS RECEIVED IT OPERATES A RELAY IN THE RECEIVER WHICH IN TURN CAN BE USED TO OPERATE SIGNALS, LIGHTS, MOTORS, TURN ON EQUIPMENT ETC. VOLTAGE REQUIRED 24VDC. COMPLETE WITH TUBES 1/12SN7, 1/6SH7, 1/6SL7 SIZE: 3x5 1/2x5 1/2 WT. 3LBS. PRICE: USED \$2.95

C-1 CONTROL BALLISTICS BOX; FOR BOMBING NAVIGATIONAL COMPUTER PT# 654573; HAS 4 DIALS WITH CONTROLS CONNECTED BY GEARS TO AUTOSYN RESOLVERS SPERRY #6624-28 SIZE 1 1/2x1 1/2 5 EA. #662426 1 1/2x 1 1/2 2 EA. #5663478 3x2 1/2 2 EACH. ROTARY BAND SWITCH 4 DECK 10 POS. SIZE 9x12x8; WT: 20 LBS. \$7.95

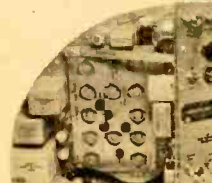


AMMUNITION FIRE CONTROL POWER DISTRIBUTION PANEL 17IE608G1 & 519E147G1; TWO DIALS THREE GEAR CONTROL, 2 THREE DIGIT COUNTERS WITH MANUAL RESET AND HOLD 24 V OPERATION, 7 SWITCHES, TERMINAL STRIPS ETC. SIZE: 11x11x5; WT: 15 LBS. PRICE: USED \$4.95



OSCILLATOR

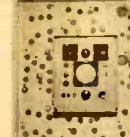
R.F. OSCILLATOR. PART OF GKA-1 EQUIPMENT. CONTAINS SEVERAL TYPES OF BAND PASS FILTERS, VARIABLE CONDENSER, TUBE SOCKETS TEST JACKS, RESISTORS 1%, CAPACITORS, 2/UG-88 BCN COAX. CONNECTORS, PILOT LIGHT, SWITCH, POTS ETC. OSCILLATOR FREQ. APPROX. 24 KC. SIZE: 12x12x4 1/2; WT: 13 LBS. USED \$1.95



SCOPE

MONITOR CONVERTER

CONVERTER-MONITOR PANEL ASSEMBLY CV-399/GPA23 PART OF COMPUTER SYSTEM. CONTAINS A GOOD 3" SCOPE FOUNDATION ASSY. USING 3CP1A C.R TUBE MOUNTED ON A PANEL 10" x 12". SCOPE PANEL HAS 0-100 VERNIER DIAL 1 1/2" PLUS CENT, FOCUS CONT. SWITCHES ETC. THE MASTER PANEL HAS 10 SEPARATE SUB-PANELS WITH LOADS OF CONDENSERS, RESISTORS TERMINAL STRIPS ALSO AUTOSYN, CONNECTORS, CONTROLS, TRANSFORMERS AND LOTS MORE. SIZE: 25 1/2x25 1/2x14; WT: 55 LBS. USED \$9.95



MILLIVOLTMETER

MILLIVAC D.C. MILLIVOLTMETER TYPE RM-17 MEASURES FROM 1 MV TO 1000 V IN 13 STEPS ON 4 1/2" SQUARE METER. RACK PANEL MOUNTING 19x7" OPERATES FROM 115 VOLT 60 CYCLE. WT: 18 LBS. PRICE: USED \$85.00



GP-7 TRANSMITTER

GP-7 NAVY AIRCRAFT TRANSMITTING, FREQUENCY COVERAGE 800 KC. TO 9050 KC. BY THE USE OF PLUG IN TUNING UNITS, AM, CW & MCW OPERATION, 30-50 WATTS VOICE & 85 TO 125 WATTS CW DEPENDING ON THE FREQUENCY AND TYPE INSTALLATION. COMPLETE WITH TUBES 2/1616, 1/803, 1/801 1/843 & 1/523, ANTENNA LOAD COIL, PILOTS & OPERATORS CONTROL BOX, COVER & MANUAL. SET OPERATES FROM 115 VOLTS 800 CYCLE AND 12 OR 24 VOLTS D.C. AS IT HAS ITS OWN SELF CONTAINED A.C. POWER SUPPLY. THE 2 1/2" METERS ARE USED FOR MEASURING PLATE, FILAMENT & OUTPUT. THE SET IS CONSTRUCTED OF ALUMINUM AND FIVE TUNING UNITS HAVE CARRING CASES WITH SNAP-SLIDE COVERS AND CARRING HANDLES. TRANSMITTER SIZE: 23 1/2x11x13; WT: 150LB \$29.50

RM-52 REMOTE CONTROL UNIT (MACY'S PHONE PATCH) USED FOR RE-CONTROL OF RADIO SET, OPERATES FROM 4 FLASHLIGHT BATTERIES. HAS MULTI-TAP TRANSFORMER, MIC, PHONE HIGH/LOW IMPEDANCE & JACKS. BASIC UNIT FOR MAKING MACY'S PATCH. SIZE: 7 1/2x3 1/2x5 1/2; WT: 5 LBS. PRICE: USED \$1.95



RM-53 REMOTE CONTROL UNIT; BASICALLY THE SAME AS RM-52 ONLY IT HAS A 3 POSITION SWITCH AND CORDS WITH PL-55 AND PL-68 PLUGS. SIZE: 8 1/2x4 1/2x4 1/2; 6 LBS PRICE: USED \$2.95

W.U. INTRAFAX



TRANSMITTER SCANS THE DATA THAT IS FED INTO THE MACHINE WITH A LIGHT SOURCE AND PHOTO ELECTRIC CELL WHICH IS AMPLIFIED AND SENT BY WIRE TO THE RECORDER WHICH THEN REPRODUCES THE DATA ON SENSITIZED PAPER 1 1/2" WIDE. THE TRANSMITTER USES TUBES 1/1X2, 1/6C4, 1/6AQ5, 1/931A (PHOTOELECTRIC), LIGHT SOURCE, SYNCHRONIZING MOTORS, GEARS ETC. THE RECORDER DOES NOT HAVE ANY TUBES BUT HAS THE SCANNING MECHANISM, MOTORS, RELAYS ETC. EQUIPMENT OPERATES FROM 115 VOLT 60 CYCLE BUT DOES NOT HAVE THE POWER SUPPLY REQUIRED THE THE TUBES, PHOTO-ELECTRIC, LIGHT SOURCE AND SCANNING CIRCUITS. TRANSMITTER SIZE 18x18x7; WT: 40 LBS. #7762A RECORDER SIZE 18x12x7; WT: 33" #7771A PRICES: BOTH UNITS FOR \$39.95 NEW

GIBSON GIRL TRANS.

EC-778 TRANSMITTER, EMERGENCY TYPE FOR USE ON THE DISTRESS FREQUENCY OF 500 KC. UNIT IS POWERED BY A HAND CRANK GENERATOR THAT SENDS AUTOMATICLY S.O.S SIGNAL, CAN ALSO BE KEYED MANUALLY, WITH 1000 CYCLE TONE MODULATION. WITH 2/12A6 TUBES AND ANTENNA WIRE REEL. (NO KITES, BALLOONS OR PARACHUTES AVAILABLE. SIZE 10x10x8; WT: 20 LBS. PRICE: TRANSMITTER ONLY USED \$29.95



T-74/CRT-3 TRANSMITTER, SAME AS ABOVE ONLY HAS DUAL CHANNEL 500 KC AND 8364 KC. MANUAL KEYING ON 500 KC. ONLY. USED \$75.00

SUPERSONIC SELECTOR

NAVY SUPERSONIC SELECTOR IS A TEN CHANNEL SELECTOR USING 12SH7 AMPLIFIERS AND ADJUSTABLE TUNED CIRCUITS. FREQUENCIES SET: 20, 27.5, 35, 42.5, 50, 57.5, 72.5, 87.5, 102.5, 117.5, CYCLES. UNIT CONTAINS 10 SPST 3300 OHM TELEPHONE TYPE RELAYS AND 10/12SH7 TUBES, SIZE 11x12 1/2x6 1/2 WEIGHT 30 LBS. \$8.95



POWER SUPPLIES

RECEIVER POWER SUPPLY & SPEAKER FOR THE FOLLOWING SETS
 R-23/ARC-5 BC-453 BC-342
 R-24/ARC-5 BC-454 BC-344
 R-25/ARC-5 BC-455 BC-348
 R-26/ARC-5 BC-946 BC-429
 R-27/ARC-5 RAX

COMPLETE WITH 6" DYNAMIC SPEAKER HOUSED IN A METAL CABINET WITH CONNECTING CABLE, PLUG, PHONE JACK, VOLUME CONTROL, BFO SWITCH ETC. IF REQUIRED, CAN ALSO BE USED FOR OTHER SETS. OUTPUT 200/250 VDC @ 90/60 MA. & 24 VAC @ 2A. INPUT 115 VOLT 60 CYCLE. SPECIFY FOR WHAT SET. SIZE: 10x10x6; WT: 15 LBS. NO. P.S.(SET NUMB.) PRICE; KIT OF PARTS \$15.00 WIRED \$18.95

BC-652 RECEIVER POWER SUPPLY WITH SPEAKER SAME AS ABOVE; KIT \$20.00; WIRED \$23.95

BC-603/BC-683 RECEIVER P.S. DESIGNED TO BE PLUG IN-TO THE SAME PLACE AS THE DYNAMOTOR WITH NO CONVERSION TO THE SET THAT WILL EFFECT THE OPERATION FROM THE DYNAMOTOR. ONLY WORK REQUIRED IS ADD ON/OFF SWITCH IN PLACE OF SPAR FUSE HOLDER. TRANSFORMER TYPE USING 5Y3GT TUB

OUTPUT 220 VDC, 80 MA. & 24 VDC 2 A. WT: 5LBS. NO. P.S.603/683 KIT \$10.00 WIRED \$14.95

BC-923 RECEIVER POWER SUPPLY
 OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 275 VOLTS DC, 150 MA. & 12.6 VOLTS AC. 4 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5U4G TUBE, CHASSIS, WIRING DIAGRAM, LINE CORD ETC. SIZE: 5x6x9x9; WT: 15 LBS. PRICES: KIT OF PARTS...\$16.00 #PS-923 WIRED... 20.95

R-77/ARC-3 RECEIVER POWER SUPPLY
 OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 210 VOLTS DC @ 125 MA. & 24 VOLTS AC @ 2 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5Y3GT TUBE, CHASSIS, LINE CORD ETC. #PS-R77/ARC-3 SIZE: 5x6x9x9; WT: 14 LBS. (LAYOUT SAME AS 923) PRICES; KIT OF PARTS..\$15.00 WIRED \$19.95

POWER SUPPLY No.7630019. OPERATES FROM 115 VOLT 60 CYCLE DUAL HIGH VOLTAGE OUTPUT 400 DC 200 MA & 400 DC 200 MA. ALSO 6.3 VAC 2.75 A. & 6.3 VAC 5.5 A WITH 2/5R4GY TUBES. SIZE: 10x7x15; WT: PRICE: \$19.95

POWER SUPPLY No.7630020VR VOLTAGE REGULATED, OPERATES FROM 115 VOLT 60 CYCLE, OUTPUT 200-250 DC. @ 150-250 MA. ALSO 6.3 VAC 2.75A & 6.3 VAC 5.5 TUBES 2/6AS7G, 1/VR-105, 1/6AK7 & 1/5R4G. WT: 30 LBS. SIZE: 11x10x6 \$18.95

CABLE WITH 18 CONTACT PLUG TO FIT POWER SUPPLY PLUG, 4 FOOT \$2.00

POWER SUPPLY 763003 (MODIFIED) OUTPUT 375 VDC @ 225 MA & 6.3 VAC @ 2.75 A, 6.3 VAC @ 5.5 A. INPUT 115 VOLT 60 CYCLE. WITH 2/5R4GY TUBES. SIZE: 9 x 13 x7; WT: 35 LBS. PRICE: \$14.95

CONNECTOR 18 CONTACT \$2.00

PP-662/GPN POWER SUPPLY, VOLTAGE REGULATED, 300 VDC TO 90 MA. PLUS POTENTIAL, 210 VDC MINUS. WITH TUBES 4/5651, 2/6AH6, 1/12AT7, 2/6AS7, 1/5Y3 & 1/5R4. OUTPUT PIN JACKS WITH ADJUST METERING SWITCH, FUSED OUTPUT & INDICATOR LIGHTS. SIZE: 10x8x20; WT: 35 LBS. NO. COVER OR PLUG IN RELAY. PRICE: USED \$14.95

DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE CORD, PILOT LIGHT, LINE FUSE ETC. INDICATED RATINGS ARE FOR LOAD CONDITIONS.

DUAL OUTPUT 12/14 OR 24/28 VDC @ 6 AMPS. SIZE 7x6x13; WT: 17
 STK#PS-12/24VDC6A
 KIT OF PARTS...\$20.00
 WIRED COMPLETE.... 24.95

OUTPUT 12/14 VOLTS DC @ 6 AMPS. SIZE: 5x9x5; WT: 20 LBS.
 STK#PS-12VDC6A
 KIT OF PARTS...\$14.00
 WIRED COMPLETE.... 18.95

OUTPUT 24/28 VOLTS DC @ 4 AMPS. SIZE: 5x9x5; WT: 12 LBS.
 STK#PS-24VDC4A
 COMPLETE WIRED..\$17.95
 KIT OF PARTS.... 13.00

OUTPUT 12/14 VOLTS DC @ 4 AMPS. SIZE: 5x9x5; WT: STK#PS-12VDC4A
 COMPLETE WIRED..\$14.95
 KIT OF PARTS.... 10.00

OUTPUT 24/28 VOLTS DC @ 1 1/2 A. SIZE: 7x6x5; WT: 6 LBS.
 #PS-24VDC1.5A WIRED..\$10.95
 KIT OF PARTS \$8.00

OUTPUT 12/14 VOLTS DC @ 2 AMP SIZE: 7x6x5 WT: 7 LBS.
 #PS-12VDC2A WIRED...\$9.95
 KIT OF PARTS..... 7.00

MOBILE SUPPLY
 AVA-126 VIBRATOR POWER SUPPLY; OUTPUT 300 VDC 100 MA. OPERATES FROM 6, 12 OR 24 VOLTS D.C WHEN THE PROPER VIBRATOR IS USED, OCTAL BASE. SUPPLIED WITH 6 VOLT VIBRATOR (USED WITH AVT-112 AIRCRAFT TRANS) ILLUSTR. COVER REMOVED. UNUSED SIZE: 7x7x7x7; WT: 12LBS. \$4.95

RA-42 POWER SUPPLY RACK MOUNTING 19", 115/230 V 60 CYC OPERATION, OUTPUT 200-250 VDC 100 MA HOUSED IN CABINET 7x8x6 WT. 30 LBS.

RA-42 B RENEW \$11.95

POWER CONVERTER
 TRANSISTORIZED POWER CONVERTER 12 VOLTS D.C. TO 117 VOLTS A.C. POWERFUL 125 WATTS CONTINUOUS DUTY WITH POWER TO SPARE FOR EXTRA YEARS OF SERVICE. PLUGS INTO CIGAR LIGHTER OF AUTO OUTLET AND WILL OPERATE LIGHTS, SHAVERS, RADIOS PHONOS OR MOST ANY EQUIPMENT DRAWING 10 TO 125 WATTS. SIZE 5x5x4; WT: 4 1/2 LBS. PRICE: \$29.95 (NEWLY MANUFACTURED)

VIBRATOR PACK

PP-68 VIBRATOR PACK CONVERTS 6 OR 12 VOLTS DC TO 115V 15 WATT OR 50 WATT TO RUN SMALL APPLIANCES. IDEAL FOR USE ON CAMPING TRIPS. INPUT: 6 OR 12 VDC OUTPUT: 115 V 60CYC 15 OR 50 WATTS. SIZE: 9x8x7 1/2 WT. 22 LBS. USED \$9.95

RA-94 POWER SUPPLY USED WITH BC-779 SUPER-PRO OR BC-794 REC. 115/230 VOLT 60 CYCLE INPUT, 19" RACK PANEL MTG. 10 1/2" H x 11" D. P.S OUTPUT 270 VDC & 140 VDC 150 MA. ALSO 6.3 FOR FILAMENTS. W/ 5Z3 & 80 TUBE. SHPG. 100 LBS. USED \$19.95 USED CHECKED \$22.95

PP-115/TRC-8 POWER SUPPLY OUTPUT 550 VDC 350 MA & 6.3 VAC CT. 6 AMPS. WITH 2/5U4G, 115/230 V 60 CYCLE SIZE: 12x8x14; WT: 50 LBS. ILLUSTRATION SHOWS 115 V APPROX. 100 CFM BLOWER. WITH BLOWER...\$19.95 LESS " ... 16.95

RECTIFIER 12 VDC

RECTIFIER POWER UNIT 12 VDC 20 AMP CONTINUOUS DUTY OUTPUT, INPUT 115/440 VOLT 60 CYCLE, 3 1/2" METERE 0-15 D.C VOLTS, 0-30 DC AMPS. COARSE & FINE CONTROLS, SELINIUM RECTIFIERS BRACKETS FOR WALL MTG. SIZE: 12x17x11; WT: 70 LBS. NEW NAVY#6130-542-6140; Mod. #S20-GS12VN \$45.00

CONVERTER

M-222 CONVERTER; USED TO SUPPLY EMERGENCY RINGING POWER FOR TELE PHONE SWITCHBOARDS. OPERATES FROM 3 VOLT DRY CELLS TO PRODUCE 50 VOLTS INTO A 5 WATT LOAD AT 24 CYCLE. PORTABLE UNIT IN METAL CASE. SIZE 6x6x7; 13 LBS. \$9.95

TS-147D/UP STRIPPED WITH 2 1/2" MILLIWATT METER, FUSE HOLDERS, SWITCHES, POTENTIOMETERS, AND POWER SUPPLY 300V 36MA, 6.3V 1.25A, 5.0V 2A, 6.3V 1.7A. COMPLETE WITH TUBES: 5R4, 6Y6, 6SH7, 2/OB2, 2/6SL7. SIZE: 18x12x11; WT: 35 LBS. USED WITH CASE AND METER... \$14.95 USED WITH CASE NO METER.... \$11.95

TRANSISTOR POWER SUPPLIES

ACOPIAN TRANSISTOR POWER SUPPLY. INPUT: 125 VOLTS 60 CYC; OUTPUT: 0-100 VDC @ 0-100 MA TUBES: 2/6L6; 12AX7; 6AU6; 5U4; OA2; OB2; OG3 FOR RACK MOUNTING. SIZE: 3 1/2 x 7 1/2 x 19 USED \$29.95

ELECTRONIC MEASUREMENTS TRANSISTOR POWER SUPPLY MODEL 212A. INPUT: 125V 60 CYC; OUTPUT: 0-100 VDC @ 0-100 MA. TUBES: 2/6L6; 5U4 OB2; OA2; OG3; 12AX7; 6AU6. FOR RACK MOUNTING. SIZE: 19x9 1/2 x 3 1/2. WT. 16 LB. USED \$29.95

RA-43-B RECTIFIER TUBE TYPE OUTPUT 115V 525W DC, INPUT 95-125V, 50-60CYC AC. PROVIDES POWER FOR 1 TO 3 SWITCHBOARDS. REQUIRES 2/6F6 INCL AND TWO 6GJ, NOT INCL. WT. 165 LBS. SIZE: 22x17x10 PRICE: \$24.95 USED

PE-204 VIBRATOR POWER SUPPLY OPERATES FROM 12 VDC OUTPUT VOLTAGES 2/4.3 VDC @ 50 MA. 2/45 VDC @ 1/2 AMP. 2/85 VDC 5 MA. SIZE: 7x5x5 1/2; WT: 12 LBS PRICE: UNUSED \$3.95

SCOPE POWER SUPPLY 110 VOLT 380-420 CYCLE INPUT, OUTPUT APPROX. 1800 VOLTS 1.5 MA. WITH TRANSFORMER, 2/CONDENSER .1 4000 VDC, 1/122 TUBE, TERMINAL STRIP RESISTORS ETC. SIZE: 6x7x5; WT: 5 LBS. GE ASSY#7608055 \$2.95

PP-11/APS-10 POWER SUPPLY AS USED IN THE APS-10 RADAR SET. OPERATES FROM 115 VOLTS 400 CYC & 24 VDC FOR FILAMENTS, SUPPLIES 4000 VDC 105 VDC & 300 VDC. WITH TUBES 6X5 VR-105, 5R4, 6Y6, 6SH7, 2X2. SHOCK-MOUNTED CHASSIS, SIZE: 9x11x13; WT: 21 LBS PRICE: USED \$4.95 NEW \$6.95

MULTI OUTPUT SUPPLY

RA-105 POWER SUPPLY; INPUT 115 VOLT 60 CYCLE, OUTPUT D.C VOLTAGES 2400 VDC (FOR SCOPE) 544, 415, 295, MINUS VOLTAGES 1480, 290, 110, FILAMENT VOLT. 6.45 @ 12 AMP. AND 6.45 @ 10 A WITH TUBES 3/5U4G, 3/2X2 AND 1/6X5GT ALSO HAS FUSED LINES, CIRCUIT BREAKERS AND LIGHT INDICATORS. SIZE: RACK MTG. 24"x24"x10; WT: SHPG. 200 LBS. \$14.95 GOV'T RE-COND.

Control Boxes Filters Indicators Tuning Units Amplifiers



C-847/U CONTROL BOX FOR AN/VRC-19. CONTROL BOX CONTAINS 2 PILOT LIGHTS, MOMENTARY SPEAKER CONTROL, SQUELCH CONTROL, AND EXPLOSION PROOF SPEAKER. WHOLE UNIT IS WEATHER PROOF. SCHEMATIC INCL. 9x5 1/2 x 3 1/2 WT. 6 LB USED \$8.95
U-77 CONNECTOR PLUG FOR HANDSET. USED \$1.00

VACUUM CAPACITOR

VACUUM CAPACITOR 3 MMFD 15 KVDC, PLUS OR MINUS 10% W/CONNECTORS. SIZE 5/8x4 JENNINGS TYPE Y-3 N. \$1.95



TELECORD REMOTE CONTROL 3 NEON IND. 2 SPST PUSH SW w/25' 7 COND. CORD. 3x2x5 1/2; 5 LB. NEW \$4.95

C-87/ART-13 CONTROL BOX, WITH 11 CHANNEL SWITCH, OFF, VOICE, C.W-MCW, IND. LIGHT, MIC JACK & CODE KEY. \$2.95

C-626/ARC-27 CONTROL BOX. AUTOMATIC CHANNEL SELECTOR PRESET MECH. W/ 24 V. DC MOTOR, RELAYS, GEARS ETC. SIZE 6 1/2 x 6 x 5; WT: 13 LBS. PRICE, USED \$4.95



BC-1303 CONTROL UNIT USED IN IE-36 TEST SET FOR SCR-522. HAS ALL FACILITIES FOR OPERATION, OFF-A-B-C-D CHANNEL SWITCH, MIC, PHONE & ANT. JACKS, TRANS, REC & REMOTE SW. & PL-170 RECEPTACLE. \$3.95

VERNIER DIAL 6" 0-100 SCALE ADJUSTABLE STOPS 5 POS. USED IN TAJ TRANS. 4 LB. \$2.75



BC-1366 BC-335 C-4/ARN-7 RADIO COMPASS CONTROL BOX USED W/R-5, 5A ARN-7, THREE BANDS 200-1750 2" TUNING METER & GRAIN OF WHEAT LAMPS. TAKES MC-124 CONTROL SHAFT. USED \$3.95
FT-224 MOUNTING FOR C-4 BOX WITH TERMINAL STRIP & PLUG USED \$1.50

BC-1366 CONTROL BOX CONSISTS OF 5 POSITION ROTARY SWITCH, VOLUME CONTROL & MICROPHONE & PHONE JACKS PRICE: \$1.00

BC-335 CONTROL BOX WITH MICROPHONE & PHONE JACKS VOLUME CONTROL. 3x3 1/2 x 2 LBS. \$.55

Beam Filter
NAVY TYPE RANGE BEAM FILTER 1020 CYCLE ACCEPTANCE OR REJECTION.
 PRICE: WITH PL-55 \$1.95
 NO PL-55 1.50

TL-150 TUNING WAND FOR BC-659, BC-620 \$.75

SIDE BAND Loading Coil C-114 - \$1.50



PHONE PATCH TRANSFORMER C-161 - \$1.50

10-304/APA-70 COURSE INDICATOR WITH 2 CROSS-POINT MICROAMP-METER MOVEMENTS 50-0-50 & -25-0-75, ON/OFF SWITCH. WESTON #888. SIMILAR TO 1-101C F/GLIDE RECEIVE 3 1/2 x 3 1/2 x 4; 3 LBS. NEW \$4.95 CONNECTOR TO FIT... 1.50

KLAXON HORN USED ON AIRCRAFT LANDING GEAR SIGNAL. OPERATES 24 VDC. CAN BE ADJUSTED FOR 12 VDC ALSO FOR SOUND, GIVES OUT RASP. NOISE 5x5x3; 4 LBS. USED \$1.50

FLASHER POSITION LIGHT, PERIODIC AIRCRAFT TYPE C-2, CONTAINS 2 FLASHER G-107 BALLAST TUBE, 24 VDC RELAY DPDT, COND, RES SIZE: 4x4x4; WT: 2 LBS. USED PRICE: \$1.00 EA. 2/\$1.50

HEATING ELEMENT 115 VOLT 500 WATT SINGLE SECTION STRIP 23 1/2 LG. X 1 1/2" WIDE X 7/16", METAL SHEATH & MTG. HOLES. 2LBS 2Z5015-24 \$1.50 EA.

HEATING CABLE LEAD HEATING CABLE LEAD COVERED 25 OHM 60 FT. #PARANT-48 131 60 FT. LTH. \$2.95

C-60/AP CONTROL BOX, METER 2 1/2" 0-150 VOLT 400 CYCLE, TWO MICRO SWITCHES AND ADJ CONTROL. SIZE 6 1/2 x 6 1/2 x 3; WT: 3LBS. USED \$1.95



C-30/ARC-5 EC-451 EC-136/2 C-30/ARC-5 CONTROL BOX WITH 7 push button switches marked A, B, C, D, OFF, 1&2. Also tone, SW & voice switch & connectors. Price... \$1.00

EC-451 CONTROL BOX WITH SWITCHES tone-CW-voice, on-off, 1/2/3/4 also code key, mic & phone jacks.

EC-136-2 Control unit with mic & phone jacks, volume control & two binding post. \$.35 each Four for \$1.00

1-101 CROSS POINT INDICATOR FOR COMBINED USE FROM LOCALIZER REC. & GLIDE PATH REC. PART OF ARN-5 & RC-103. SIZE 3 1/2 x 3 1/2 x 3 WT: 3LBS. USED \$1.95

CAMERA LIGHT FILTER GRAY COLOR 50% TRANS. SCREW IN MOUNTING. 2-23/32 69MM DIA. WRATTEN DENSITY .30 FOR WOLLENSAK TYPE V254 MM F4.5 55 MM P/O PH330G CAMERA 8A1101-50.4 \$1.95

RADIO CONTROL BOX BC-450-A 6 ROTARY 3 POSITION 2 CONTACT SWITCHES, CENTER OFF. 3 POTENTIOMETERS; 4 PHONE JACKS, 3 EIGHT PRONG PLUGS TUNING DIALS FOR THREE RECEIVERS. 9 1/2 x 3 1/2 x 6 \$2.50

TIMER CLOCK ACCURATE MOVEMENT DRIVEN BY SYNCHRONOUS MOTOR. CONTACTS TO AUTOMATICALLY TURN OFF A UNIT WHICH IS CONNECTED ACROSS CONTACTS. MAXIMUM TIME ON, IS SIX HOURS. THIS CLOCK HAS MANY USES IN THE HOME AND SHOP. ALL CONTROLS ON FRONT. HAS SWEEP SECOND HAND. FACE, 4 1/2 x 3 1/2; 2 1/2" DEEP. 115V 60CYC. 4 LBS. \$2.95

BB-212 PLASTIC BATTERY NON-SPILLABLE, BALL INDICATOR 2 VOLT 40 A. 7x4x2 1/2; WT: 7 LBS. \$1.95

BB-208/AMT RADIO-SONDE DRY CHARGE BATTERIES, 4 IN A VACUUM PACKED CAN, ONE 6V 24HR THRU 30 OHMS, 3 36V EA. 3A HR. THRU 1200 OHM. EA. BATT. SIZE 1-5/16x29/32x4-5/32; WT. EA. BATT. 4 1/2 oz. BATTERY PACK (4) \$5.9

N-T-6 PLASTIC STORAGE BATTERY DRY CHARGE, 6 VOLT 4 AMP 3 1/2 x 2 1/2 x 2; 1 1/2 LB \$3.95

WILLARD PLASTIC STORAGE BATTERY 2 VOLT 28 AMP. HOUR NON-SPILLABLE, BALL INDICATOR DRY CHARGE, ADD ELECTROLYTE SIZE 4x5x3; WT: 4LB. \$2.95

AUTOTUNE HEAD FOR ATC/ART-13 TRANSMITTERS. MULTITURN UNIT WITH DIAL 0-100, KNOB, REVOLUTION COUNTER, LOCKING DEVICE FOR PRESETTING. CONTROL "B". COL#23518 PRICE: \$1.95

INDICATOR AZIMUTH SIGHTING ANGLE TYPE C-1A OPERATES 26 VOLT 400 CYC. TWO 3" INDICATORS #SYA3710 5 1/2 x 3 1/2 x 3; WT: 4 LBS. \$2.95

INDICATOR AMP. AM-5/APS-4 6 POTENTIOMETERS 2/6V6; 6SL7; 6J6 AND MANY OTHER USEFUL PARTS 4x5x7 1/2 WT. 5LBS. PRICE: \$7.95

10-11/APS-4 INDICATOR FOR APS-4 RADAR SET. USES TUBES 3FP7 AND 2/6J6. WT. 6 LBS. USED \$3.95 NEW 4.95

COUNTER CHAFF DISPENSER CONTROL WITH 5 DIGIT DECLINING COUNTER 2 AT A TIME 24 VDC OPERATION ALSO 12 POSITION WAFFER SWITCH. LESS DIAL LIGHT ASSY & SW. 6x4x3; 2 LBS. \$1.50

FREQUENCY METER CAVITY TUNEABLE 2400 -3400 MC, AB ABSORPTION TYPE, W/DIGIT COUNTER, LESS CRYSTAL DIODE, W/CABLES. P/O TS-3 SIZE: 5 1/2 x 2; WT: 1 LB. #3F2747-3.2 \$2.95

DICTOGRAPH SWITCH BOX LEVER SWITCH 3 POSITION OFF-LISTEN-TALK, 2 INDICATOR LIGHTS, 6 POSITION WAFFER SWITCH, 5 FT. 14 COND. CABLE, WOOD CASE WALNUT FINISH, 2x4x3 3 LBS. #DICT. 95083 \$3.95

BA-259 DRY BATTERY PACK WATER ACTIVATED, USED W/RADIO-SONDE AMT-4, WAXED CARDBOARD BX VOLTS 1 1/2, 6, & 115 2 1/2 x 4 x 4 1/2; 1 1/2 LB. \$1.00

NICKEL CADMIUM BATTERY. 1.2V RECHARGEABLE BATTERY. OUTPUT APPROX. 4 AMP HR SIZE: 1 1/2 x 2 x 6 WT. 6oz PRICE: \$2.50

RIGHT & LEFT ANGLE DRIVE SHAFT 3/16" SIDE 1/2 MALE & 1/2 FEMALE. 2 1/2 x 2 1/2 x 1 1/2 \$1.50

VERNIER DIAL 2 1/2" 100 TO 0 SCALE. TAKES 1/2" SHAFT. PRICE: \$1.50



BC-347 AIRCRAFT INTERPHONE AMPLIFIER

Used in small planes for speaking. Has two oncner transformers Carbon microphone input & standard headset output. Requires 12 Or 24 volt & 250VDC. Uses 6F6G tube. Size 3x2x5 WT 3lbs. With tube \$1.95 Less tube \$1.25
BC-216 MICROPHONE AMPLIFIER

Aircraft type amplifier use tubes 1/39/44 & 1/6P7. Two carbon microphone inputs. Voltage required 12 volts & 150VDC 40 Ma. Size 8 1/2 x 6 1/2 x 2. WT. 3 lbs With tubes \$1.95 Less tubes \$1.

AMPLIFIER USED IN TANK FOR INTERPHONE. W/TWO 6V6 TUBES, LESS DYNAMOT OR. REQUIRES 250 VDC 50 MA. & FILAMENT VOLTAGE. SIZE: 9x9x3; WT: 10 LBS. BC-367 NO CASE F/12V \$1.95 BC-667 w/ " F/24V 2.95

BATTERY CHARGER FOR BB-51 & BB-52 BATTERIES. TRICKLE CH OPERATES FROM 6 OR 12 VOLT STORAGE BATTERY. HAS 2-3" METERS 0-100 DC VOLTS AND 0-30 & 0-300 DC MILLIAMPS SCALES. SIZE: 12x8 1/2 x 7; WT: 20 LBS. PRICE: \$14.95

100 POWER INSPECTION MICROSCOPE MANUFACTURED BY JONES & LAMSON MACHINE CO. 9 1/2 x 2 WT. 5LBS. \$14.95



MAGNESYN INDICATOR 3", 26 VOLTS 400 CYCLE OPERATION; 200-0-200 SCALE ILLUMINATED USED WITH APA-44 EQUIPMENT FOR INDICATION OF WIND IN KNOTS, N-S-E-W. SIZE: 3x3x3, WT 3/4 LB USED BENDIX#20004-64J-A1 \$1.00

PHANTOM ANTENNA
A-61 PHANTOM ANTENNA, USED WITH COMMAND TRANSMITTER AS A DUMMY LOAD, POWER RATING 50 WATTS, RES. 5 OHMS, 100MMF 5KV VAC. COND. 0-4 RF METER 7x5 1/2 x 2 1/2; WT: 4LBS. USED \$4.95

TS-279 DUMMY ANTENNA LOAD

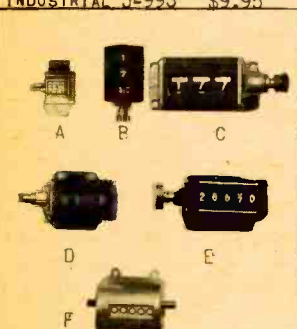
Three inch pyrex feed thru insulator, 1000 ohm 100 watt resistor with two test lead & clips. Cabinet size 13 x 6 x 4". Can be used for a chassis. Stock # TS-279 Price \$1.95

MINIMUM ORDER \$3.00

EIGHTY VOLT TWO SPEED PHONO MOTOR ON MOUNTING PLATE 3x3x2 1/2 WT 3 LB. \$1.00

RT-58/ARC-12 CHANNEL SELECTOR ASSEMBLY. CONSISTS OF AUTOTUNE ASSY. 10 POSITION MOTOR DRIVEN 26.5 VDC. CHANNEL SELECTOR AND STOP INDICATOR, EXTERNAL SHAFTS TURN 60 RPM. ALSO RELAYS, CONN. ETC. SIZE: 4x6x3 1/2. WT: 5 LBS. USED \$2.95

TIMER MOTOR SWITCHING ASSEMBLY 4 R.P.M. S.P.D.T. MICROSWITCH VARIABLE TIMING CAMS FOR ACTUATING SWITCHES. #H9200. SIZE: 3x2x5 WT. 2 LBS. 1 SW. 6V.....\$1.95 2 SW. 28V.....2.50 115 V 60 CYC. SET UP TO 1 RPM, 2 SW. 10 A, 115/230 VOLT INDUSTRIAL J-993 \$9.95



A. 3 DIGIT COUNTER. 1/8" SHAFT. EACH NUMERAL 1/8 IN. SIZE: 1x1x1 1/2. STK#CBSH334 \$.75

B. 3 DIGIT COUNTER. FOR VERTICAL MOUNTING. 3/8 IN. GEAR ON SHAFT. EACH NUMERAL 1/8". 1x1x1 1/2-1/8 STK#CBSH173 \$.79

C. 3 DIGIT COUNTER WITH BEVELED GEAR 2x1x1 1/2. NUMERALS 1x1x1 IN. STK#CBSH177 \$1.00

D. 3 DIGIT COUNTER W/DIGITS 10THS, ONES, TENS. 100 THS DIGIT REMAINS 0. 1/8 IN. NUMERALS. 2x1x1 STK#CBSH9030 \$.75

E. 4 DIGIT COUNTER W/MOVEABLE DIGITS. 10'S, 100'S, 1000'S, 10,000'S. ONES DIGIT REMAINS 0. 1/8" NUMERALS. 2x1x1 1/2. 1/8 IN SHAFT. STK#CBSH2867 \$1.25

F. 5 DIGIT COUNTER W/3/16 IN SHAFT EXTENDING 1/8" AT EACH END. 99999-0 DESCENDING ONLY. 1/8" NUMERALS. 1x1x1 1/2 STK#CRSH00000 \$1.00

THREE DIGIT COUNTER, GEAR ON END OF 1 IN. SHAFT. 3x1x1 1/2; 1LB. #R1X-D \$1.00

THREE DIGIT COUNTER OPEN TYPE, BEVEL GEAR. STK.#773 \$.50

4 DIGIT COUNTER 24 VDC. RELAY OPERATED. 0000-9999 7/8x1 1/8 x5 #0508 \$2.95

FLEXIBLE COUPLING

CERAMIC INSULATED FLEXIBLE COUPLING FOR 13,500 VOLT FLASHOVER. 2 5/8"x2 3/8" FOR 1/4" TO 3/8" SHAFTS. COUN001 EA. \$.50

METAL FLEXIBLE COUPLING 2" X 1 1/2" FOR 1/4" TO 3/8" SHAF. COUN002 EA. \$.40

INSULATED FLEXIBLE COUPLING 1"x3/4" FOR 1/2" SHAFT. COUN003 \$.25

SAME AS ABOVE, BUT NOT INSULATED COUN004 \$.25

METAL FLEXIBLE COUPLING FIT 1/2" TO 3/8" SHAFTS. 1" OIA. 1 1/2" LONG. COUN005 \$.25

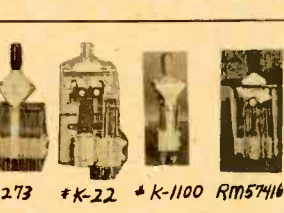
LANDING GEAR

SWITCH ASSEMBLY, SINGLE POLE DOUBLE THROW, PLUNGER TYPE, PLUNGER IS DEPRESSED OPENS ONE CONTACT, CLOSES OTHER, SPRING RETURN. SIZE 3x2x1 1/2, PLUNGER 2 1/2. WT: 8 OZ. PRICE: \$.50



DY-44 DYNAMOTOR BOX WITH FILTER SYSTEM AND 6 FT POWER CABLE. 1 FT OUTPUT CABLE WITH CANNON AN 31065-145-75 PLUG. ON-OFF SWITCH AND FUSE HOLDER INSIDE DIMENSIONS: 9 1/2x5 1/2x4. WT. 12 LBS. DY-44A/U \$1.95

AUDIO OSCILLATOR BOX ASSY. W/24 12 MMFD. CERAMIC TRIMM. 21 TEMP. COMP. CAP. & RESISTOR WHEN USED WITH 2/6SJ7 TUBES & ASSOC. PARTS IT WILL PRODUCE FREQ. 425-2295 CYCLES IN 12 STEPS OF 170 CYC. EA. 5 1/2x5x4 1/2; WT: 5LB. #R26 \$4.95



TELEPHONE-TYPE LEVER SWITCH ONE SIDE; MAKE 11; BREAK 1 OTHER SIDE; MAKE 6 #5930-392-1273 \$.40

MAKE 2, BREAK 2, ONE SIDE ONLY #K-22 \$.30

ONE SIDE; MAKE 2 OTHER SIDE; MAKE 2 MOMENTAR #K-1100 \$.30

MAKE 7, BREAK 4, ONE SIDE ONLY RM-574167 \$.30

VARIAGON PHASE SHIFT CAPACITOR V-42. USED FOR ACCURATE MEASUREMENT OF TIME INTERVALS IN RADAR SYSTEMS. CAPACITY OF INPUT PLATE TO HOUSING 4.4 MMF. CAPACITY OF OUTPUT PLATE TO HOUSING 15.6 MMF. CAPACITY VARIATION OF ONE INPUT TO OUTPUT PLATE 1.2-4.9 MMF. SIZE: 2x1 WT. 1 PRICE: \$4.95

SOUND RECORDING TAPE TW-3U. 7" REEL WITH APPROX. 900 FT OF 2 MEL TAPE. USED WITH RD-42 WT. 4.5 LBS. PRICE: \$4.95

HARDWARE KIT CONTAINS 50 CLAMPS OF 5 TYPES. 20 SCREWS OF 5 TYPE 15 LOCKWASHERS. 7 TERMINAL LUGS & HEX NUTS. 18 SPACERS. WT 5 LBS. RC-298 \$1.00

SWITCH SW-223 DPDT HEAVY DUTY 1" SQ. 2 1/2" STAND OFFS. 8x4x3; 5LB #37K8223 \$2.50

SWITCH DPDT 1x2-5/8" LEVITON 9919 PORCELAIN BASE 39¢ 8 FOR \$1.00

AC LINE CORD 4 FT. WITH SWITCH, WHITE 25¢ 5 FOR \$1.00

THREE CONDUCTOR #18, BLACK PLASTIC 15 FT. 35¢ 3/\$1.00 WIRE SPECIALS 1 #18 COPPER STRANDED NYLON INSULATION 1000 FT. ROLLS \$6.00 ORANGE & RED.

VIDEO AMPLIFIER MODULE FROM APS-44 RADAR. THREE 5977 TUBES AND RESISTORS. 15 PRONG PLUG. P/O AM-574/APS-44 1x3x3 1/2 WT. 1 LB. \$1.95

LENSE 2" FROM A K-14 GUNSIGHT APPROX. 3 POWER TWO FOR \$1.00

SERVO PRESSURE REGULATOR SELSON CONNECTED THROUGH GEARS TO A DEVICE WHICH AUTOMATICALLY COMPENSATES FOR ANY CHANGE IN PRESSURE. 5x7x6 1/2 WT. 10 LBS. \$5.95

CONTROL CROSS-HAIR #1280-322-8990. VARIABLE STICK CONTROL VARIES THE POTENTIOMETERS (2) ONE IN THE FORWARD & BACK OTHER EACH SIDE ALSO PALM & THUMB SWITCH. SIZE: 11x7x6 WT: 5LB. \$2.50

MOTOR SPLIT FIELD REVERSEABLE, SERIES WOUND. SHAFT SPEEDS, 5 R.P.M. 200 R.P.M. 26VDC 2 MICRO SWITCHES AND ON-OFF SWITCH. 6x4x4 PRICE: \$5.95 #B-203

CAPACITY TUNER WITH AUTO-TUNE 160-211 MC 1/2C26 2/SO-239 CONNECTORS 7x5x5 WT. 7 LBS. PRICE: \$2.50

CONNECTOR PLUGS 15 CONTACT SIZE: 2x1x1 1/2 PER PAIR \$1.50 P-601 34 CONTACTS 30" CX2158/U SIZE: 2x2x2 MRE-34H PER PAIR \$2.00 14 CONTACTS 30" CX 2157/U SIZE: 1x1x1 1/2 PER PAIR \$1.50 MRE-14H 18 CONTACTS 2x2x1 P-2802 PER PAIR \$2.00

SW-225 CHANGE OVER SWITCH. 3PDT HEAVY DUTY. SIZE: 8x7x4 WT. 7 LBS. PRICE: \$1.95

TA-211/GR INTERCOMUNICATION MONITOR STATION. THREE LEVER SWITCHES CONTROL RECEPTION OF EITHER OF TWO RECEIVERS OR BOTH WHEN CONNECTED THROUGH JACKS. JACKS FOR MIKE, TWO PHONES OR RECORDER INPUT FOR TWO RECEIVERS. RECEPTICAL FOR CONNECTION INTO EXTERNAL CIRCUIT. SIZE: 7x5x2 1/2 WT. 3 LBS. PRICE: \$4.95 NEW

5 1/2 INCH DIAL CALIBRATED 0-360 DEGREES 0-1600 KNOTS WT. 2 LBS. \$1.25

DIAL FOR TS-147 SIGNAL GENERATOR 6 SCALES MARKED 843-977 WITH TRAVELING INDEX. SIX INCH DIA. 4 MTG. HOLES. REMOVED FROM EQUIP. WT 2 1/2 LBS. \$1.95

VERNIER DIAL 6" 2 SCALES W/LOCK NO TUNING TAJ \$3.50 5 LBS.

PL-58 AND JK-37 THREE PRONG PLUG AND JACK. PLUG IS KEYS TO PREVENT INSERTING PLUG BACKWARDS. 2x3x1 1/2 EACH \$.59 PAIR 1.00

BOX, FREE FIRING TWO RELAYS 6 VOLT SPST NORMALLY OPEN. THREE CAPACITORS, ONE EACH; 24F @ 600 VDC, 34F 120V 400 CYC, 2x54F @ 400 VDC. COMPLETE WITH SCHEMATIC AND SHOCK MOUNTING. CHASSIS: 8x5x2 1/2, WITH COVER 8x5x6. 10 LBS. \$1.95

FT-384 ADAPTER FOR TESTING BC-603 9C-683 USED \$2.95 RE-NEW 4.95

PLUGS INTO REAR OF SET AND HAS METERING SWITCH AND JACK FOR ATTACHING METER FOR MEASURING VARIOUS VOLTAGES AND MAKING ALIGNMENT. COMPLETE W/6FT BATT. LEAD.

TELETYPE COUNTER ACTUATED BY 48VDC RELAY. FOUR PULSES OF RELAY CHANGES COUNTER ONE DIGIT. UNIT CONTAINS 115V 60CYCLE MOTOR. MOTOR IS 60 RPM, TORQUE 6.6 INCH OUNCES. 5x5x6 WT. 10 LBS. PRICE \$9.95

RF PRE-AMPLIFIER 150 MC. TYPE BNC CONNECTOR 28VDC ROEARY RELAY WHICH CONTROL TWO CERAMIC WAFER SWITCHES. TUBES: 3/6AS6, 1/6AK5 6x5x5 1/2 WT. 5 1/2 LB. 790292 \$5.95

BATTERY HOLDER FOR TWO TYPE D CELLS, SAME AS USED IN MOST FLASH LIGHTS. USED FOR LIGHTING INSTRUMENT PANELS D45200 WITH SWITCH & CORD & PLUG. \$.59

M-33 WITH SWITCH ON RHEOSTAT AND GRAIN OF WHEAT LAMP ON CORD. \$1.00

COILS

EXPERIMENTERS ASSORTMENT ALL FOUR ITEMS FOR \$1.00

DUAL VARIABLE CAPACITOR & COIL ASSY, APPROX. 165 MC. DUAL VAR. CAP. COIL, ACORN SOCKET ETC. APPROX. 200 MC SLUG TUNED VARIABLE COIL ASSY FOR BROADCAST BAND RF & OSCILLATOR F/455KC IF 1ST RF TUNING STAGE FOR PART OF BROADCAST BANDS, 3 VAR. CAP. COILS, COND. RESISTORS, WAFERS ETC.

BC 683 LCU 3 COIL R.F. OSCILLATOR TUNING UNIT FOR BC-683 RECEIVER ALSO USED TO CONVERT BC-603 TO BC-683. #BC-683/LCU3 \$2.00

60 MC IF BROAD BAND USES 10 TUBES 5/717A, 3/6AK5 1/6SL7 & 1/6SN7; HAS MIXER PANEL, RELAYS, CABLES ETC. SIZE: 14x4x5; WT: 4 1/2 LB. USED STK# D-152229 PRICE: WITH 5/717A \$2.95 WITH 10 TUBES 6.50

PARTS BONNAZA



PLUG IN TUNING UNITS USED WITH BC-191/BC-375 TRANSMITTER. THESE UNITS CONTAIN MANY PARTS THAT CAN BE USED BY SCHOOLS, LABORATORIES, HAMS, OR EXPERIMENTERS. LISTED BELOW ARE THE VARIOUS TUNING UNITS WITH FREQUENCY COVERAGE, AND PARTS LIST. ALL UNITS INCLUDE CABINET, KNOBS, HANDLES, BRACKETS, AND OTHER PARTS. THE NEW TUNING UNITS ALSO INCLUDE THE OUTER CASE.

SIZE: 17x9x7 $\frac{1}{2}$ WT: 13 LBS.

TU-5B 1500-3000KC

M-O tank inductance
M-O band change switch
Antenna coupling switch
P-A band change switch
Capacitors, as follows:
3/0.0001 mfd 3000 volt
0.00003 mfd 2000 volts
2/0.0004 mfd 5000 volts
3/0.0009mfd 3000 volts
Var. 8-26mmf, 20-135mmf
20-156mmf
Antenna coupling coil
P-A grid choke coil
M-O grid choke coil
P-A tank inductance
Res. 15 ohms, 4.5 watts
2 $\frac{1}{2}$ " vernier dial
right angle drive
New \$6.95

TU-6B 3000-4500KC

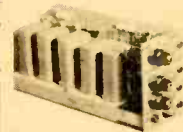
M-O tank inductance
P-A tank inductance
P-A grid choke coil
M-O grid choke coil
Antenna coupling coil
M-O band change switch
P-A band change switch
Antenna coupling switch
Capacitors, as follows
2/0.0005mfd 3000 volt
2/0.0004mfd 5000 volts
Variable cap. 19-116
mmf, 8-26mmf, 15-77mmf
M-O tuning compensator
Res. 15 ohm, 4.5 watts
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$5.95 Used \$3.95

TU-7B 4500-6200KC

M-O tank inductance
P-A tank inductance
Antenna coupling switch
Antenna coupling coil
P-A grid choke coil
M-O grid choke coil
Cap. as follows:
2/0.0004mfd 5000 volts
Var. Cap. 8-26 mmf,
23-111mmf, 19-116mmf
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$5.95 Used \$3.95

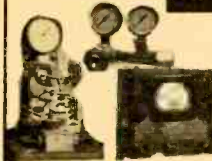
BC-306 ANTENNA TUNING UNIT 200-500 KC

VARIOMETER COIL
VARIOMETER DIAL
ANTENNA COUPLING SWITCH
INSULATORS
NEW \$4.95, USED



CONTROL PANEL K-2406-3 FOR POWER, FUSE & ALARM, PILOT & HIGH/LOW, 3 FUSED SERVICES, 4 PILOT LIGHTS, 4 PUSH BUTTONS, PRINTED CIRCUIT BOARD HAS 12 TRANSISTORS, 4 DIODES RESISTORS, CONDENSERS AND 2 VARIABLE COILS (ACCORDING TO THE MARKING ON THE CHASSIS THIS UNIT MAYBE TUNED TO 268 KC) ALSO RELAYS 1/12 VDC DUAL COIL 1/SPDT, ONE 24 VDC DPDT & 3 24VDC 3PST. SIZE: 3 $\frac{1}{2}$ x4x9; WT: 4 LB. USED \$5.95

VAPOR DETECTOR



WATER VAPOR DETECTOR 128; CONSISTS OF VALVING ASSY. WITH 2 $\frac{1}{2}$ " 3000 LB. PER. SQ. IN. GAUGE CONNECTED TO A BRASS BLOCK WITH 3 VALVES COPPER TUBING CONNECTS TO SATURATOR BOTTLE AND ANOTHER BLOCK WITH VALVE WHICH

ONE OUTLET CONNECTS TO A ELECTRIC AMPLIFIER THRU DETECTOR ELECTRODE AND THE OTHER OUTLET TO A GAS PRESSURE REGULATOR. THE ELECTRIC AMPLIFIER IS HOUSED IN METAL CASE WITH 3" METER 50 MICRO-AMP. WITH TUBES 1/1G6GT & 1/1G4GT IN A OSCILLATOR CIRCUIT, BALANCED BRIDGE TYPE, ANY ELECTRIC UNBALANCE IS INDICATED ON THE METER, ADJUSTING CONTROLS ON PANEL, REQUIRES 67 $\frac{1}{2}$ & 1.5 VOLTS D.C. FOR OPERATION. GAS PRESSURE REGULATORS ARE STD. WITH 2" METERS. EQUIPMENT IS USED TO DETERMINE THE AMT OF WATER VAPOR IN THE GAS TO BE TESTED WITH A REF. GAS AS THE STANDARD. CARRING CASE 14x16x10 $\frac{1}{2}$; WT: 60 PRICE: USED \$14.95

RELAY TEST SET

USED \$16.95
RE-COND. 21.95

1-193 RELAY TEST SET: USED FOR TESTING 255, 255A, D-163119A, D-164 816A POLAR RELAYS ETC. FOR BIAS AND SENSITIVITY. THE ELECTRICAL CHARACTERISTICS ARE DETERMINED BY THE DEFLECTIONS OF THE METER. ALSO CONTAINS CIRCUIT FOR SENDING PULSES FOR TESTING EXTERNAL TELEGRAPH CIRCUITS AND A 10-20 CYCLE OSCILLATOR FOR TESTING AND LINE-UP PURPOSES. OPERATES FROM 115/130 VDC 10 WATTS. (RA-87 RECTIFIER SHOWN ON PAGE 8 OF THIS CATALOG WILL OPERATE THIS EQUIPMENT) SHIPPED IN WOOD CHEST 24X12X13; WT: 75 LBS.



A.F.C. UNIT



AUTOMATIC FREQ. CONTROL UNIT No. 600671; USED WITH FIRE CONTROL SYSTEM, WITH 16 TUBES 2/5829, 11/5703, 2/5702 & 1/

5784, DPDT SIGMA RELAY THAT WILL OPERATE FROM 14 VDC @ 2.8 MA, SLUG TUNED COILS, RESISTORS, COND. ETC. (SORRY DO NOT KNOW FREQ. NO SCHEMATIC) SIZE: 4x8x6; WT: 5 LBS. PRICE USED \$3.95

OSCILLOSCOPE

TS-34/AP OSCILLOSCOPE; 2" DIA. SCREEN, START-STOP SAW TOOTH SWEEP INCL DEFLECTION SENSITIVITY 0.22 MM PER V. DC VERTICAL, 0.26 MM HORIZ. FREQ. RANGE START STOP DURA. 4 $\frac{1}{2}$ -8, 20, 50, 120-280 u SEC. SAWTOOTH -280 u SEC. SAWTOOTH FREQ. FREQ. 50,000 IN STEPS TO 10 CPS. OPERATING POWER 115 v 50-1200 CYC. SIZE: 9 $\frac{1}{2}$ x29x12 $\frac{1}{2}$; WT: 40 LBS. USED \$39.50



VERNIER TIMER

VERNIER SET ATC TIMER WITH 15 MINUTE TIMING PERIOD. SYNCHRONOUS MOTOR OPERATES FROM 230 v 60 CYC AND HAS SPDT CONTACTS FOR CONTROL OF INDUSTRIAL EQUIPMENT. SIZE: 6 $\frac{1}{2}$ x5 $\frac{1}{2}$ x3 $\frac{1}{2}$ WT. 5 LBS. PRICE: \$9.95 NEW

WAVE METER

SCOPE OSCILLATOR

AN/UPM-1 WAVEMETER-OSCILLATOR-SCOPE RADAR TEST UNIT FOR 155-235MC AND 460-570MC CONTAINS PULSE AND SWEEP GENERATORS VIDEO AMP. 3" OSCILLOSCOPE, TWO WAVEMETER TWO OSCILLATORS, POWER REQUIREMENTS: 80, 115, OR 230 VOLTS AC. 60-1000 CYCLES. SIZE: 30x21x24; WT. 150 LBS. USED

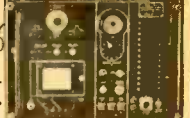
ANTENNA FOR AN/UPM-1 \$49.95
SIZE: 21x12 WT. 11 LBS. USED \$9.95



SIGNAL GENERATOR

USED \$22.95

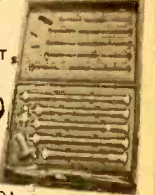
BC-1277 SIGNAL GENERATOR; 2400 TO 3400 MC. TUNED CAVITY DIGIT COUNTER DIVISIONS 30/60 MC. 0-50 D.C 3 $\frac{1}{2}$ " MICROAMP. METER FOR MEASURING THE VOLTAGES OF THE VARIOUS CIRCUITS. ATTENUATOR, SYNC. AMP, STD. SIGNAL SHAPE AND CAL. SIGNAL AMPLIFIER CIRCUIT OPERATES FROM 115 V. 50-1200 CYCLE. WITH TUBES 3/VR-150, 4/6AC7, 2/VR-105, 2/6Y6, 2/6SF5, 1/6L7, 1/6L6, 1/707A, 1/6X5 & 1/5T4. USED FOR TESTING RADAR. SIZE IN WOOD CHEST 22x17x17; WT: 100 LB



ATTENUATORS

MX-1309/URM-23 POWER MEASURING; KIT OF WAVEGUIDE ATTENUATORS, ADAPTER, BALOMETER, CABLE & CHART, 1000 TO 4000 MC.

ATTENUATOR CN-110/U 10 DB
" CN-111/U 20 DB (2pc)
" CN-168/U 3 DB
" CN-169/U 6 DB
RF BALOMETER DT-76/U, "N" CON
ADAPTER CONN. UG-402/U
COAXIAL CABLE CG-928/U, w/UG-21 EA. END. METAL CARRING CASE, FITTED, SIZE 19x5 $\frac{1}{2}$ x14; WT: 32 LBS. COMPLETE SET \$14.95



PULSE GENERATOR



AN/UPM-19 RADAR TEST SET CONSISTS OF SG-76 PULSE GENERATOR THAT COVERS THE FREQ. OF 2650-2950 MC. VARIABLE FREQ. AND R.F. OSCILLATOR CONTROLS BCN CONN. REQ. FOR R.F IN, R.F OUT, VIDEO PULSE AND SYNC. OUT JACKS.



2 $\frac{1}{2}$ " R.F. CAL. POWER METER 25 TUBES, OPERATES FROM 24 VDC VIBRATOR POWER PACK. ABOVE IS CONTAINED IN CASE # 1 OF 2. CASE 2 OF 2 CONTAINS, 2 ANTENNAS, CONTROL BOX, LITE INDICATOR BOX, PLUGS AND CABLES. ALUMINUM CARRING CASE SIZES 16 $\frac{1}{2}$ x8x14 AND 14x10x10; SHPG. WT: 80 LBS. PRICE: USED \$29.95

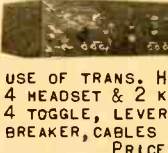
CALIBRATOR



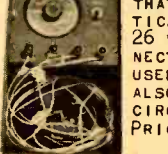
TS-102B/AP CALIBRATOR: RANGE CALIBRATOR PORTABLE PULSE GENERATOR WITH REPEITION FREQ. OF 400, 800, 1600, 2000 & 4000, MARKER AND SYNCHRONIZING PULSE, VARIABLE DELAY LINE PHASE ADJUSTMENT. OPERATES FROM 115 V. 50-1000 CYCLE WITH TUBES 2/6X4W, 3/6AG7 6/5814, 2/UG273/U CONN. 4/CABLES w/UG-88R/U SIZE: 16x10x11; WT: 28 LBS. UNUSED \$18.95



TS-164 FREQUENCY METER CASE EMPTY CASE USED TO HOUSE FREQ METER BC-221, CAN ALSO BE USED FOR SIMILAR TYPES, HINGED FRONT COVER FOR CALIBRATION BOOK, FRONT COMPARTMENT SIZE 9 $\frac{1}{2}$ x7 $\frac{1}{2}$ x7 $\frac{1}{2}$, REAR COMPARTMENT HAS 2 BALLAST TUBE AND VOLTAGE REGULATOR TUBE VR-105, REAR COMPARTMENT IS 2" DEEP ALSO RELAY AND SHOCK-MOUNTING. SHPG. WT: 19 LB. NEW \$3.95



JB-70 JUNCTION BOX; USED WITH BC-610 TRANSMITTER. FRONT PANEL HAS SWITCHES AND CONTROLS FOR REMOTE USE OF TRANS. HAS AC OUTLETS BOTTOM & SIDE, 4 HEADSET & 2 KEY JACKS, MIC PLUG, 2 WAFER, 4 TOGGLE, LEVER & START/STOP SWITCHES, CIRCUIT BREAKER, CABLES ETC. SIZE 19x13x5 $\frac{1}{2}$; WT: 40 LB. PRICE: USED \$9.95



AUTOSYN INSTRUMENT FIELD TESTER; AAF #43G18624 IS A SIMPLE TESTER THAT IS DESIGNED TO TEST THE ELECTRICAL CIRCUITS OF ALL MINIATURE 26 v. 400 CYC. AUTOSYNS. WHEN CONNECTED TO THE SUPPLY IT CAN BE USED AS A TRANSMITTER OR INDICATOR ALSO HAS ELECTRICAL ZERO TESTING CIRCUIT. SIZE: 6x10x5; WT: 8 LBS. PRICE: METAL CASE HINGED COVER & CABLES. USED.. \$8.95 WOOD CASE NO COVER/CABLES 3.95



BC-221 FREQ. METER

THIS IS A SIMPLE ACCURATE AND RELIABLE CRYSTAL CALIBRATED FREQUENCY INDICATING INSTRUMENT FOR USE IN THE 125 TO 20,000 KC. RANGE, WITH A NORMAL OPERATING ACCURACY OF LESS THAN .02%. CAN ALSO BE USED AS A SIGNAL GENERATOR OR VARIABLE FREQ. OSCILLATOR.

OPERATING VOLTAGE REQUIRED FOR DRY CELL OPERATION 6 VDC .9 AMP. & 135 VDC 20 MA.
SIZE: 10x13x10; WT: 25 LBS.

UNITS MAY BE IN WOOD OR METAL CASES VARIOUS LETTERS, COMPLETE WITH TUBES, CRYSTAL, ORIGINAL CALIBRATION BOOK.

PRICE: USED CHECKED FOR OPERATION \$79.50

TS-175 FREQ. METER 85-1000 MC

SAME AS BC-221 BUT WITH DIFFERENT FREQUENCY AND WITH MODULATION. USED CHECKED \$125

OSCILLOSCOPE

USM-24 OSCILLOSCOPE
3 INCH CR TUBE 3PI
RECURRENT SWEEP, 8 CYC
PER. SEC. TO 600 KC.
TRIGGERED SWEEP 1.25-
125 MICROSEC. VERT. DE-
FLEC. SENSITIVITY .035
HORIZ DEFLEC. 4.0V
HORIZ RESPONSE .5 CYC
PER SEC. TO 700KC.,
VERT. RESPONSE 4 CYC.



PER. SEC. TO 10MC BEAM MOD. RESPONSE 50 CYC.
PER. SEC. TO 10MC HORIZ INPUT IMPEDANCE 300,
600 OHMS. BEAM MOD. INPUT RESIST. 56,000 OHMS
OPERATES FROM 115VOLTS 50-1000 CYC. RADIO
FREQ. & MOD. CIRCUITS USE BCN SERIES COAXIAL
CONNECTORS.
SIZE: 17x15x15; WT: 60 LBS. USED SERVICEABLE
UNITS OFFERED ARE CHASSIS ONLY ILLUSTRATED
ABOVE LESS TUBES (WITH CR TUBE), BLOWER,
COVERS, PROBES, CABLES, ADAPTERS, ANGLE FRAMING
WILL NEED STRAIGHTENING OTHERWISE ALL PARTS
INTACT INCLUDING TRANSFORMER EXCEPT ABOVE.
OS-51/USM-24C \$20.00 LESS TRANSFORMER \$10



1-208 SIGNAL GENERATOR
F.M STANDARD OF VOLTAGE
FREQUENCY AND FREQUENCY
DEVIATION FOR TESTS OF
ALIGNMENT, CALIBRATION,
SENSITIVITY MEASUREMENTS
OF FM RECEIVERS. RANGE
1.9-4.5 MC & 19-45 MC.

FREQ. DEVIATION ADJUSTABLE 0-5KC FOR LOW AND
0-50 KC. FOR HIGH BAND. MODULATION FREQ. 150-
400, 1000, 2500 & 5000 CPS. ACCURACY & STABILITY
.03 PERCENT, OUTPUT METER AND SPEAKER.
OPERATES FROM 115 V. 60 CYC. USED SERVICEABLE
SIZE: 18x11x10; WT: 125 LBS. \$39.50



WIRE RECORDER

IC/VRW-7

WIRE RECORDER 3" REEL 0.006 DIA. WIRE. ONE
INPUT CHANNEL, 600 OHM IMPERANCE, 290 RPM
RECORDING SPEED. FREQUENCY RESPONSE 300-
3500 CPS. OPERATES FROM 28 VDC. COMPLETE
WITH TUBES 2/28D7, MX 303A/ANQ-1 WITH WIRE
FOR 60 MINUTES. FRONT CONTROLS FOR VOLUME
INPUTS FOR MIKE AND RECEIVER, OUTPUTS FOR
TWO HEADPHONES, AND AN ON/OFF SWITCH.

(THIS IS A RECORDER ONLY)

SIZE: 12x7x6; WT. 16 LBS.
PRICE: \$9.95 USED

MIRROR-MATIC

AUTOMOBILE REAR VIEW MIRROR: AUTOMATICALLY
CHANGES ANGLE OF MIRROR WHEN HEADLIGHTS OF
CAR IN THE REAR STRIKES MIRROR. OPERATES 12
VOLTS D-C WITH PHOTO-CELL, 1/12K5 TUBE, SPST
RELAY, RELAY THAT FLIPS MIRROR AND SENSITIVITY
CONTROLS. CAN ALSO BE OPERATED BY A
FLASHLIGHT OR OTHER LIGHT SOURCE.
SIZE: 10x2x1; WT: 3LBS. PRICE:.. \$3.95

GE FM TRANSCEIVER



GENERAL ELECTRIC FM TRANS-
CEIVERS 148-174 MC. COMPLETE
WITH TUBES: 2/12A7; 2/6AK5;
6/6BH6; 6AQ5; 2/12AX7; 6AL5; 6C4
6AQ7; 3/6BJ6; 5763; 2E26. NO
ACCESSORIES AVAILABLE
ES12A1 12VDC \$69.50

SAME AS ABOVE EXCEPT. COMPLETE WITH TUBES.
6/6BH6; 6AL5; 12AX7; 2/12A7; 5763; 12AU7; 6AQ7;
6AQ5; 6AK5; 2E26; 4/6BJ6. NO ACCESSORIES AVAIL.
SH. WT. 40 LBS. ES12A2 6VDC \$55.00

GENERAL ELECTRIC RECEIVER-TRANS.
40-50 MC F.M. CRYSTAL CONTROLLED,
MOBILE USE) RECEIVERS ARE SUPPLI-
ED WITH 11 TUBES, TRANSMITTERS 7
TUBES 30 WATT. SETS ARE USED GOOD
COND. AND SET FOR 6 VDC OPERATION.
SIZE: 9x9x14; WT: 30 LBS.

GE#4ET645 TRANSMITTER 40-50 MC 14.95



MD-5B/APS-3 MODULATOR FOR SUPPLY-
ING POWER TO RT-10/APS-3 TRANSMI-
TTER CONVERTER IN PULSED FORM
TWO MICROSECOND 350 CYC. ONE
MICRO-SEC. 700 CYC. WHICH IS RE-
CEIVED FROM THE RECEIVER-AMPLIF
OPERATES FROM 115 V. 400 CYCLE.
W/TUBES 3/3B24, 1/3B26, 1/829B &
1/715. SIZE: 17x15x17; WT: 95LB. USED \$50.
R-18/APS-3 RECEIVER-AMPLIFIER USED \$39.50
PP-12/APS-3 RECTIFIER " 29.50
C-20/APS-3 AZIMUTH CALIBRATOR " 5.95
MX-10/APS-3 DUMMY INDICATOR " 3.95

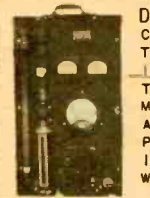
TELETYPE TESTER



TS-2/TG TELETYPE SIGNAL DISTOR-
TION TEST SET CAPABLE OF SEND-
ING NORMAL OR DISTORTED SIGNALS
FOR TESTING MARGINS OF START/
STOP MECHANISMS AND TESTING EFFI-
CIENCY OF THE SELECTOR UNITS.

SIZE 18x13x14; WT: 90 LBS. USED \$49.50

PUMP TEST



DESICCATOR PUMP TEST FIXTURE:
CONSISTS OF AIR FLO-SCOPE INDICA-
TOR WITH 4" MAGNEHELIC METER 0-8
INCHES OF WATER AND PRESSURE
CONTROL VALVE ALSO TWO 3" SQUARE
METERS 0-50 VDC 500 OHMS PER VOLT
AND 0-5 AMP METER, RHEOSTAT, SW,
PILOT LIGHT ETC. UNIT IS HOUSED
IN METAL CARRYING CASE 21x13x6;
WT: 25 LBS.
PRICE: USED \$14.95

RADAR TEST SET

1-242 RADAR TEST SET DESIGNED TO
FURNISH A COMPARATIVE INDICATION
OF TRANSMITTER OUTPUT AND MEASURE
PULSE RECURRENCE RATE. CONSISTS
OF DUMMY LOAD WITH 3" METER 0-50
MA WITH 0-100 SCALE. UNUSED
SIZE 8x10x11; 14 LBS \$8.95



RECEIVER

ARN-50 GLIDE PATH RECEI-
VERS USED IN AIRCRAFT
TO RECEIVE A MODULATED
SIGNAL 90 & 150 CYC. ON
332.6, 333.8 MC. OPERAT
ES FROM 24 VDC. COMPLETE
WITH TUBES 7/6AJ5, 2/12SN7, 1/28D7. SIZE:
5x6x11; WT. 12 LBS. CRYSTALS NOT INCLUDED
PRICE: USED, R-89/ARN-5 \$5.95
R-268/ARN-5 \$6.95
R-430/ARN-5 \$5.95



AMPLIFIER



AM-142/AIC MIXER AMP.
USED IN LARGE AIRCRAFT
INTERCOMMUNICATION SYS
AS A AUDIO LINE BOOSTER
AND MIXER. INPUT IMPEDANCE 500 OHM, OUTPUT
600 OHM. OPERATES FROM 24 V.D.C. AND IS COM-
PLETE WITH ONE 26A7 TUBE AND SCHEMATIC.
SIZE: 5x5x2; WT: 2 1/2 LBS. USED \$1.50

REC. 30-40 CONVERSION



MOTOROLA RECEIVER 70-80MC
(30-40 MC. CONVERSION WILL
BE SUPPLIED UPON REQUEST,
F.M. 6 VOLT VIBRATOR POW-
ER SUPPLY, 16 TUBES 10/7C7
1/7C5, 2/7AG7 & 2/7A6, 7F7
SINGLE CHANNEL CRYSTAL
CONTROL, SQUELCH ETC. USED

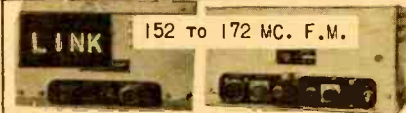
FMRV16V SIZE 15x9x9; WT: 30 LBS.
PRICE: W/TUBES, LESS CRYSTALS & COVER \$22.95
" " " WITH " 27.95

MOTOROLA TRANSMITTER FMT-25V 30-40 MC, F.M.
CRYSTAL CONTROL SINGLE CHANNEL, 25 WATT, 6V
TUBES, 3/7C7, 2/7A8, 1/6V6, 1/RK391807. 15x9x9
30 LBS. USED W/COVER \$14.95; LESS COVER 9.95

PHILCO TRANSMITTERS PRT150GT 154-172 MC. FM.
30 WATT, 6 VOLT DYNAMOTOR P.S.
CRYSTAL CONTROL SINGLE CHANNEL
TUBES, 2/3A4, 1/9003, 1/6EJ6, 2/
2E24, 1/6C4 & 1/2E30. USED COND
SIZE: 15x10x8; WT: 35 LBS.
PRICE: W/TUBES, L/CRYST. \$14.95

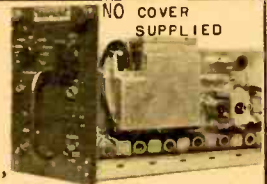


PHILCO RECEIVER PRT72G 70-80 MC. F.M 6 VOLT
VIBRATOR POWER SUPPLY, CRYSTAL CONTROL,
SQUELCH CIRCUIT, WITH TUBES 3/6EJ6, 3/6AK5,
2/6AQ6, 1/6C4, 1/7F7 & 1/7A8. USED LESS CRYST.
SIZE: 15x10x8; WT: 30 LBS. \$14.95



COMMERCIAL TYPE MOBILE COMMUNICATION RADIO SET
MFG. BY LINK. TRANSMITTER #1906 50 WATT USING
2/2E26 TUBES DRIVING 829 IN THE FINAL ALSO
1/7AG7, 1/7F7 & 1/7W7 TUBES. WITH 6 VOLT DYN-
AMOTOR POWER SUPPLY. RECEIVER #1905 SELECT-
IVE DOUBLE CONVERSION WITH SQUELCH CIRCUIT &
2/7A6, 7/7AG7, 1/7F7, 1/7B5 & 2/6AK5 WITH 6 VOLT
VIBRATOR POWER SUPPLY. BOTH UNITS ARE CRYSTAL
CONTROL PHASE MODULATED 15 KC.
RECEIVER ONLY #1905 USED WITH TUBES \$39.50
TRANSMITTER ONLY #1906 " " 14.95
CABLES (REC. 2 REQ.) (TRANS. 3 REQ) EACH 2.75
NO CONTROL BOXES OR MICROPHONES AVAILABLE.

R-316/ARR-26 RECEIVER
162.25 - 173.5 MC. FM
DESIGNED TO RECEIVE
SONOBOU SIGNALS ON
16 PRE-SET CHANNELS,
WITH TUBES 1/6J6, 2/
6AL5, 1/6AS7, 1/6AU6,
1/12AU7, 1/12AV7 & 7/
6AK5. NO POWER SUPPLY,
REQUIRES 280 VDC @
APPROX. 125 MA. AND FILAMENT VOLTAGES.
OUTPUT OF THE SET USES A 12AU7 IN A CATHODE
FOLLOWER CIRCUIT WHICH IS SUFFICIENT FOR HEAD
SET. (SCHEMATIC AND CONVERSION INFORMATION
FOR 145-175 MC SUPPLIED WILL INCLUDE ADDITION
OF AUDIO, SQUELCH AND 115 VOLT 60 CYCLE POWER
SUPPLY CIRCUITS.)
SIZE 5x8x17; WT: 13 LBS. PRICE: USED \$22.95



R-74/CRW-2 RECEIVER



HIGH FREQUENCY FOR REMOTE
CONTROL USE IN THE 53-88MC
BAND ON PRESELECTED CHANNEL
SINGLE FIXED FREQ. COMPLETE
WITH TUBES; 1/6SG7; 1/6J5;
3/6SL7; 1/6SN7 & 24 VOLT
DYNAMOTOR
SIZE: 6x8x10 WT: 13 LBS.
PRICE: RE-NEW \$4.95

GIBSON GIRL



GIBSON GIRL TRANSMITTER ASSEMBLY
500 KC. SINGLE CHANNEL,
CONSISTS OF TRANSMITTER
SECTION OF THE SCR-578/
BC-778 EQUIPMENT, USES
1/12SC7 & 1/12A6 TUBES.
W/ GOLD PLATED VARIABLE
CONDENSER 20 TO 245 MMFD. COILS, COND, RESISTOR
TRANSF. SOCKETS ETC. REQUIRES 24 VOLT FOR
FILAMENTS (CAN BE WIRED FOR 12) AND 300 VDC
25 MA. FOR HIGH VOLTAGE. SCHEMATIC SUPPLIED.
(CRANK GENERATOR AND GEAR TRAIN LISTED PAGE 8
SIZE: 6x2x7x3; WT: 3 LBS. NO TUBES, PRICE \$2.95

S.O.S CODER WHEEL WITH GEAR TRAIN, SWITCHING
ASSY. RELAY, PILOT LIGHT ASSYS, ETC. FOR
ABOVE TRANSMITTER. PRICE: \$1.00

STEPPING SWITCHES

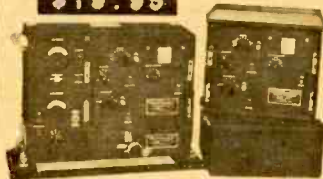
WESTERN UNION AUTOMATIC NUMBERS CONSISTS OF 3 ROWS OF LIGHTS NUMBERED 0-9, 3 STEPPING SWITCHES 6 DECK 11 POSITION, ONE 10 DECK 24 POSITION STEPPING SWITCH, ONE RELAY 4PDT & 4PST, OPERATES 40-48 VDC, MOUNTED ON CHASSIS 4x4 7x13x3; WT: 12 LBS. #9701.1A PRICE: USED \$29.95

STOCK#	POS.	DECK	VDC	PRICE:
7709181P2	25	10	24	\$9.95
7709181P6	25	9	24	8.95
7709181P1	26	9	24	9.50
CONTINENTAL CONNECTORS 75-20H-1 ONP2 & P6, 34-20H/P2, 21-20H/P1				
Z17139	25	5	24	\$5.95
917723	24	6	30/36	4.95
917722	24	8	30/36	5.95
916909	24	10	30/36	6.95
916972	12	2	32/36	1.95
917958	11	3	32/36	2.95
ON OTHER UNIT	917978	11	6	32/36 3.95

NO CONNECTORS ON OTHER UNIT

BC-223 TRANSMITTER

\$19.95



BC-223 TRANSMITTER 25 WATT 2000 TO 5200 KC BY USE OF 3 PLUG IN TUNING UNITS, CRYSTAL CONTROL AND VARIABLE OSCILLATOR, FOUR PRESELECTED CHANNELS, USES

FT-171 CRYSTAL HOLDERS WITH TUBES 1/801 OSCILLATOR, 1/801 POWER AMPLIFIER, 2/46 MODULATORS, 1/46 AUDIO AMPLIFIER, 2x METERS, 0-3 R.F. & 0-300 VDC MA. VOLTAGE REQUIRED 12 OR 24 VDC & 500 VDC @ 150-200 MA. SIZE: 18x13x7; WT: WITH 3 TUNING UNITS 100 LBS PRICE: W/TUBES AND 3 TUNING UNITS WITH CASES FOR 2 TUNING UNITS.. NEW \$19.95

TU-17 TUNING UNIT 2000-3000 KC.	\$3.95
TU-18 " " 3000-4500 "	2.95
TU-25 " " 4500-5200 "	2.95
CS-56 CASE FOR HOUSING TUNING UNIT	1.00
FT-173 SHOCKMOUNTING	1.95
POWER PLUG CONNECTOR F/TRANS OR POWER AC POWER SUPPLY	1.25
PE-135/PE-55 DYNAMOTOR 12/24 VOLT, USED	10.95
KIT OF PARTS \$25.00 WIRED	\$29.95

COMCO MODEL 278 TRANSMITTER-RECEIVER 225-400 MC RECEIVER-TRANSMITTER FOR 6/12/24 VOLT OPERATION. POWER OUTPUT 2-3 WATTS. UNIT IS CRYSTAL CONTROLLED (CRYSTALS NOT INCLUDED). COMPLETE WITH TUBES: 2E26, 5686, 5/68H6, 12AX7, 2/6AQ5, 6AT6, 3/6BJ6, 6BE6, 2/6AK5, 6AK6. UNIT COMPLETE WITH TUBES, CABLES, SPEAKER, AND CONTROL BOX. SIZE: 12x11x5.5. WT: 35 LBS. USED \$49.95

DIVERSITY RECEIVER

DIVERSITY RECEIVING EQUIPMENT PROVIDES A MEANS FOR COMBINING THE OUTPUT OF THREE RECEIVERS TO PRODUCE A SINGLE KEYED AUDIO OUTPUT SIGNAL, FREE FROM NOISE AND OTHER UNDESIRABLE INTERFERENCE. IT IS SUITABLE FOR USE ONLY IN CW & MCW SIGNALS AND NOT VOICE. THE BAND PASS FILTER IS FOR 600 TO 1200 CYC. AND THE OUTPUT OF EACH RECEIVER IS INDICATED ON THE METERS WHICH ARE 500 MICROAMP. THE AUDIO FREQ. CONTROL CAN BE ADJUSTED FOR THE PROPER BAND PASS. INPUT AND OUTPUT IMPEDANCE IS 600 OHMS. EQUIPMENT OPERATES FROM 115/230 VOLT 50/60 CYC. AND CAN BE RACK MOUNTED. W/TUBES 1/VR-150, 1/6F8, 3/6AQ5, 2/6SJ7, 1/77, 1/1V, 1/80. SIZE: 21x19x14; WT: 125 LBS. PRICE: NEW WITH MANUAL \$19.95

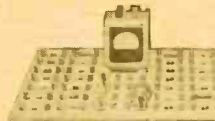
SERVO AMPLIFIER DUAL PRINTED CIRCUIT ASSY. TUBES 4/5840, 1/5814, 1/5784, 1/5896, 9 VICTOREEN RESISTORS APPROX. 25 OTHER RESISTORS, CONDENSERS ETC. SIZE: 5x3x3; WT: 2 LB. USED \$1.50

EXPERIMENTER'S

POWER SUPPLY

BOARD

EXPERIMENTAL POWER SUPPLY BOARD. USED IN SCHOOLS FOR DEMONSTRATIONS OR LAB. USE. 2/ 8 MFD CAPACITORS, RESISTORS, TUBE SOCKETS, CHOKE, AND TRANSFORMER, PRI: 115V 50-60 CYC SEC: 700VCT @ 200 MA. 5V @ 3 AMP, 6.3V @ 8AMP HUMB-SCREW TYPE TERMINALS. 12x18 16 LBS. \$9.95



METER

BOARD

EXPERIMENTAL METER BOARD. UTILIZES 0-1 MA METER IN METAL CASE, 28 RESISTORS, AND THREE POTENTIOMETERS. THUMB-SCREW TYPE TERMINALS SIZE: 12x18 WT. 9 LBS. \$9.95

AIRSPEED INDICATOR

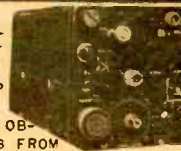
ID-168B/APA-44 AIRSPEED

INDICATOR. CONTAINS A KOLLSMAN TRUE AIRSPEED METER AND AN INDICATING DEVICE WITH A RANGE OF 84 TO 434 KNOTS. BY OPERATION OF THE TEST SWITCH THE AIRSPEED SERVO MAY BE MADE TO RUN IN DIRECTION OF INCREASING AIRSPEED, IN DIRECTION OF TRUE AIRSPEED, OR TO HOLD THE PRESENT SETTING FLEXIBLE TUBE CONNECTED TO A TEMPERATURE COMPENSATING THERMOMETER. JOHN OSTER MOTOR # AV 240 28 VDC. TUBES 1/6AK5W. WESTERN ELECTRIC RELAY D171584. SIZE 15x7x5. WT. 19 LBS. USED \$8.95 NEW \$12.95



RT-122/APW-11 REC.-TRANS.

RT-122/APW-11 RECEIVER TRANSMITTER. THIS UNIT CONSISTS OF A TUNABLE RECEIVER CAVITY, A CRYSTAL DETECTOR, A VIDEO AMPLIFIER, DECODING CIRCUITS, A TRANSMITTER AND CIRCUITS FOR OBTAINING AUDIO FREQUENCY TONES FROM THE PULSE POSITION MODULATED SIGNALS OF THE AN/MSQ-1. THE TRANSMITTER CONTAINS CIRCUITS FOR ENCODING THE REPLY BY VARYING THE SPACING BETWEEN THE TWO REPLY PULSES. THE RECEIVER-TRANSMITTER RECEIVES INPUT PULSES TRANSMITTED AT A PULSE REPETITION FREQUENCY OF 410 CYCLES PER SECOND AND A PRESET CARRIER FREQUENCY RANGING BETWEEN 2680 AND 2920 MC. THE REPLY PULSES ARE AUTOMATICALLY TRANSMITTED AT A PRESET CARRIER FREQUENCY RANGING BETWEEN 2700 AND 2950 MC. TUBES: 1/12AT7; 2/2D21; 6AS6; 6AL5 2C40. SIZE: 13x5x6. WT. 19 LBS. PRICE: USED WITH TUBES... \$14.95 USED LESS TUBES... 5.95



C-400/APW-11 SELECTOR UNIT FOR

RT-122 REC-TRANS. CONTAINS 6 RELAYS 24 VDC SPST NORM OPEN 15 9 PIN SOCKETS, 1 OCTAL, 6 FILTERS, 1 DPDT SW, RESISTORS CONDENSERS ETC. 5x6x12; 8 LBS PRICE: USED LESS TUBES \$2.95

SERVO AMPLIFIER

SERVO AMPLIFIER #358661 IN SEALED BLACK BDX CONTAINING SIX (6) TUBES 2/6AL5, 2/6AQ5, 1/6096, 6101, RELAY DPDT, OUTPUT TRANS. COND. RESISTORS ETC. SIZE: 5x3x4; WT: 4 LBS. USED \$1.95



AMPLIFIER

WEBSTER ELECTRIC AMPLIFIER SERVO TYPE. OPERATES FROM 115 VOLT 60 CYCLE, WITH TUBE 3/6SN7, 1/6H6, 1/6SN7 & 1/574, POWER SUPPLY OUTPUT 250 VDC 80 MA (UNFILTERED) 5 VAC @ 3 A 6.3 VAC @ 3 A., 6.3 VAC @ 4 AMP. ALSO INTER-STAGE TRANSFORMERS, RESISTORS, CONDENSERS, CONTROLS ETC. CHASSIS SIZE 14x6x1.5; WT: 19 LB PRICE: USED \$4.95



TRANSISTOR BOARDS

THE TRANSISTOR BOARDS LISTED BELOW ARE APPROX. 4x5x1/2 AND CONTAIN THE PARTS LISTED. PRICE: EACH, \$1.95

#44485-506-11 3/6111 G.E. TUBES; 2/2N338 SWITCHING AND HIGH FREQUENCY TRANS.; 21/2 WATT RES.; 3/1 WATT RES.; 6/ GLASS DIODES; CAPACITORS: 3/.1 MFD @ 100 VDC; 2/.06 MFD @ 200 VDC; 3/1.5 MFD.-150 VDC TAN ALUM CAP.

#40085-401-31 2/2N498 4W. SILICON MESA PNP TRANS. 1/2N335 .15W SMALL SIGNAL TRANS. 6/ 1N540 DIODE 2.5A-400PIV; 4/2 WATT RES.; 3/ 1/2 WATT 1% RES.; CAPACITOR: 1/5MFD-150 VDC TANTALUM; 1/7 MFD 100VDC TANTALUM; 1/2MFD-100VDC TANTALUM; 1/1MFD-1000 VDC; 1/.0033MFD 100VDC; 3/1MFD-100VDC; 1/1000OHM BOURNS TRIMPOT.

#40835-401-11 2/2N498 SILICON MESA PNP-4W; 3/2N335 .15 W SMALL SIGNAL TRANS.; 6/U-222 DIODES; 1/2K BOURNS TRIMPOT; 4/2 WATT RES.; 7/2 WATT 1% RES.; 1/1MFD-200 VDC CAPACITOR.

#44490-506-11 1/6021 TUBE; 4/1N251 SILICON SIGNAL DIODE 5MA 1V.; 1/1N643 SILICON DIODE 10MA-200V.; 1/10K BOURN TRIMPOT 1/2WATT RES.; 2/2WATT RES.; 1/1% RES CAPACITOR: .35MFD-150VDC TANTALUM 1.5MFD-150VDC TANTALUM; .0047MFD -200 VDC; .022MFD-200 VDC; 3/.01-200 VDC; .01-400 VDC; 1 TRANSFORMER

K2401 PLUG-IN PRINTED CIRCUIT BOARD W/BILEY CRYSTAL 436 KC 6 TRANSISTORS, 12 DIODES, 436 KC & 108 KC FILTER, CONDENSERS, RESISTORS, TRANSFORMER SIZE: 9x4x1; 2 LB. USED \$2.95

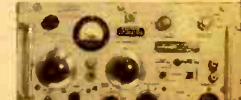
K2419 SIMILAR TO ABOVE UNIT W/ 7 DIODES, 2 TRANSISTOR, 19 RESISTORS, 14 CAPACITORS, 5 SMALL TRANSFORMERS, 2 FILTERS, SOCKETS ETC. SIZE: 9x4x1; 2 LBS. \$1.50

TRANSISTOR BOARDS 5/ \$1.00 BOARDS SIMILAR TO THOSE PICTURED. EACH PACKAGE CONTAINS 5 BOARDS WHICH HAVE DIODES TRANSISTORS, CONDENSERS, AND RESISTORS. EACH BOARD 2 5/8 BY 3 7/8. WT. 9 OZ. PRICE: 5/ \$1.00

SIGNAL

GENERATOR

SIGNAL GENERATOR USED FOR TESTING THE OPERATION OF RADAR SETS IN THE BAND OF FREQUENCIES FROM 2700-2900 MEGACYCLES PER SECOND. AS A SIGNAL GENERATOR IT MEASURES OR CHECKS THE SENSITIVITY OF THE RADAR RECEIVER AS A R-F WATTMETER IT MEASURES OR CHECKS THE POWER OUTPUT OF THE RADAR TRANSMITTER. SIGNAL GENERATOR MAY BE USED AS PULSED SIGNAL GENERATOR PULSE MODULATED BY AN INTERNAL PULSE GENERATOR; AS A PULSED SIGNAL GENERATOR TRIGGERED BY AN EXTERNAL, POSITIVE-TRIGGER SOURCE; POWER MONITOR AS AN UNCALIBRATED ABSORPTION TYPE FREQUENCY METER. FOR 115V OR 230V 50-1600 CYC OPERATION. SIZE: 9x16x13 WT. 48 LBS. TS-155A/UP 2700-2900 MEGACYCLES \$49.50 TS-155C/UP 2700-3400 MEGACYCLES \$59.50



GRAB BOX

ASSORTMENT OF NEW & USABLE ELECTRONIC PARTS & ASSEMBLIES SUCH AS MOTORS, TRANSFORMERS, CHOKES, CONDENSERS, RESISTORS, RECTIFIERS, COVERS, CASES ETC.

ASSORTMENT # 1 IS IN A MINE DETECTOR CARRING CASE WITH HINGED COVER, CARRING HANDLE, HASP ETC. SIZE 28x2x15, CHEST WEIGHT 35 LBS. TOTAL WEIGHT 75 LBS. PRICE: \$7.50

ASSORTMENT # 2 IS IN A PLWOOD BOX SIZE 24x16x 19 1/2, TOTAL WEIGHT 100 LBS. BOX ONLY 15 LBS. PRICE: \$10.00



RELAY

RELAY 24 VDC SPDT
1 1/2 x 1 1/2
#CWS 571981 \$.35

TELEPHONE TYPE



RELAY 4PST NORMALLY OFF 12
VDC GR204-BC-966A 1 1/2 x 1 1/2 x 3 1/2
3380-557180-7435 \$1.00

RELAY 12 VDC MAKE 2, BREAK 1
2 SEPARATE WINDINGS. 3/8 x 1 1/2 x 1
4C8691-128 \$.75

RELAY 12 VDC, 2 BREAK, 2 MAK
3/8 x 1 1/2 x 1 #4C8691-67 \$1.00

RELAY CCNT. ARRANGEMENT IC/IC
RATED AT 50 VDC 1/2 AMP. RES.
1000 OHMS. FAST ACTING 4PDT
2x1x2 #4C8400-10 \$.50

RELAY CONT. ARRANGEMENT IC/IC
/IC, 50 VDC 1/2 AMP. RES. 500
OHMS. SLOW RELEASING. 6PDT
5x1x1 #4C8400-79 \$.50

RELAY CONT ARRANGEMENT 2E/1E/
IC. 115 VAC 60 CYC FAST ACT
BREAK 7; MAKE 4. 4x2x1 1/2
227593-41 \$1.50

RELAY 6V SPDT 1 1/2 x 1 1/2 x 1 1/2
41F 500S-SIL \$.50

RELAY 12 VDC, 67 OHMS DPDT
NORMALLY OPEN. REMOVED FROM
EQUIPMENT. 2x3x1 1/2
SW-182-F \$.50



PLATE RELAY 10,000 OHMS.
CONTACTS 115 VAC @ 5 AMPS
1 1/2 x 1 1/2 x 1 #R73P-3189 \$1.50

RELAY B-2A, 24 VDC 1 1/2 x 1 1/2 x 3 1/2
691R2 \$.50

STRATOPIX FOUR
SECTION RELAY
650-1242
24VDC
SECT. #1 4PDT
" #2 4PDT
" #3 4PDT
" #4 6PDT
SIZE: 3 1/2 x 4 1/2 x 7
WT. 5 1/2 LBS. \$1.95

SEALED RELAY TWO COILS
EACH WITH DPDT. COILS
NOT OPERABLE SIMULTAN-
EOUSLY. ONE COIL IS
CONTROLLED BY THE CON-
TACTS OF THE OTHER. OPERATE
FROM 12 VDC. 2 1/2 x 2 1/2 x 1 1/2
57175 \$1.00

INTERVAL TIMER ASSEMBLY
RELAY TIME DELAY
5 MIN. RESET
DELAY 100 SEC.
MOTOR VOLTAGE
120V 400 CPS
CLUTCH VOLTAGE 28 VDC.
ALLIED CONTROL UNIT; 115V
400 CPS, CONT. 2A-29VDC
AND 24V 4PDT RELAY. 5LBS.
#SS 19180 \$2.95

CRAMER
TIME DELAY RELAY
METER INDICATOR
TYPE, SHOWS IF
UNIT IS ON OR OFF.
SIZE 3x3x3
#59C48746 2 Sec. \$4.95
#59K48748 20 " 4.95
#59K48747 2 MIN. 4.95
#59K48805 SAME AS ABOVE
ONLY 3 1/2" RD. 3 MIN. \$4.95

**SILICON
RECTIFIER**

POWER TESTED AT
1 MA MAX. LEAKAGE

1 AMP (TOP HAT)

50-200 PIV	\$.10
200-400 "	.15
400-600 "	.25
600-800 "	.35
800- "	.45
1000 "	.55

5 AMP (STUD)

200-400 PIV	.50
400-600 "	.60
700 "	.70
800 "	.85
1000 "	1.75

INI347 6 AMP. 500
PVI (GOLD) 1.50

35 AMP (STUD)

50 V	.75
100 V	1.00
200 V	1.50
300 V	2.00
400 V	2.25
500 V	2.50
600 V	3.00
900 V	4.00

SR-151 100 PIV 15 A 1.95

2N722 1.00

RHEOSTAT

OTHER VALUES
IN STOCK
WRITE FOR
YOUR NEEDS

STK #	WATTS	OHMS	PRICE
1050-PL	25	.25	\$.50
30993	25	50	.50
750KK	25	75	.50
13990"	25	100	.50
201KK	25	200	.50
299DC	25	200	.50
25250	25	250	.50
50B53-1	25	250	.50
13990-L29"	25	1000	.50
152KK	25	1500	.50
502JJ"	25	5000	.50

41132	50	7.5	.75
353-5049	50	8	.75
8R0KK"	50	8	.60
15822	50	17	.75
5020	50	20	.75
5895(DUAL)	50	20	1.50
469485	50	25	.75
32229	50	60	.75
3155-50-1	50	150	.75
251KK	50	250	.75
3836	50	250	.75
8852-L8	50	3000	.75
802KK	50	8000	.75

2R0KK	100	2	1.50
3R0KK	100	3	1.50
6416	100	6	1.50
695692-1	100	10	1.50
120KK	100	12	1.50
2469U	100	1100	1.50

1025	150	.25	2.95
1050	150	.50	2.95
697242-3	150	25	2.95
154	150	25	2.95
1075	150	75	2.95
563501	150	125	2.95
351KK	150	350	2.95
235944	150	400	2.95

PLEASE LIST SECOND CHOICE
" RHEOSTAT IN DUST-PROOF CAN
" SCREW DRIVER ADJUSTMENT.

RECTIFIERS

150 VOLTS 40 AMPS
WITH RADIATORS
SIZE: 2 x 1
#N5089-C \$5.95

COPPER OXIDE RECTIFIER
INPUT 36 VAC 50/60 CYCLE;
OUTPUT, 12.6 VDC 5 AMPS.
SIZE: 2 1/2 x 2 1/2 x 10, WT:
STK#3H4845 P/O RA-62/522
PRICE: \$7.95

SELENIUM RECTIFIER; INPUT
54 VAC OUTPUT 27.5 VDC AT
50 AMPS. HALF WAVE.
SIZE: 18x5x6, WT: 10 LBS.
TK#3H4860-435 \$12.95

SELENIUM RECTIFIER; FULL
WAVE BRIDGE, RESISTIVE IND.
18V. IN 14V. OUT 2 A. \$2.10
18V. IN 14V. OUT 4 A. 7.60
-NEW MANUFACTURE-

SELENIUM RECTIFIER; FULL
WAVE BRIDGE, RESISTIVE IND.
36V. IN 28V. OUT 2 A. \$3.00
36V. IN 28V. OUT 4 A. 7.50
-NEW MANUFACTURE-

SELENIUM RECTIFIER; INPUT
28 VAC 60 CYCLE; OUTPUT 24
VDC 1.5 AMP., ROUND TYPE
SIZE: 4x3 WT: 12 OZ. #RM313
PRICE: \$2.95

SELENIUM RECTIFIER; INPUT
33 VAC 60 CYCLE, OUTPUT 24
VDC AMP. SIZE: 1x3 1/2
STK#3H4859-12 F/TRC-1
PRICE: \$7.79

SILICON RECTIFIER
STACK 2 106 AMP
VOLT MOUNTED.
SIZE 5 1/2 x 3 1/2 x 6 1/2
WT 4 LBS
GE # 4JA6011ACIABI
\$6.95

CIRCUIT BREAKER



115 VOLT 60 CYC
3H900-1.5.1 1 AMP \$1.50
3H900-1.25 1 1/2 " 2.00
62349M6 3 POLE 1 1/2 " 2.50
3H900-3-2 3 " 1.00
3H900-4.7 4.7 " .50
P-0111 12 " 1.50

24-30 VOLTS
3H913-5 5 AMPS \$.50
3751K4 10 " .50
AN1513F35* 35 " .75
AN 3160-50L* 50 " .75

* LUMINOUS TIP
AIRCRAFT TYPE CIRCUIT BREAKER
5 AMP AN 3161-P5 \$.50
10 " AN 3161-P10 .75
15 " AN 3161-P15 .75

METAL STAND
W/RUBBER FEET
BASE 8x11x13
LEGS 13x13x16
2 1/2" HIGH.
ORIGINALLY USED
AS RECORD HOLDER STAND, CAN
BE USED AS BOOK, FLOWER, TV,
RADIO OR WHATEVER YOU CAN
USE IT FOR. WT: 4LB. 75¢

SWIVEL BASE AS
USED ON THE BOTTOM
OF TV SETS, 5"
SQUARE, HAS 3 TURN
STOP THAT CAN BE
REMOVED FOR 360 DEG. ROTAT
ION. 2LBS. 75¢

RECTIFIER
300 VOLTS 40 AMPS WITH
RADIATORS. SIZE: 2x1 SAME
AS TYPE #N5089-C
STK# 9380 \$6.95

APPROACH LIGHT
GRIMES#NAF1024-2
24 V, SPLIT GREEN &
AMBER LENS & CLEAR
3x3x4 1/2; 1 LB. \$.75

TERMINAL
BOARD
PART OF
BD-96
SWITCH-
BOARD. 10 HEAVY DUTY BLACK
BINDING POSTS, SCREW TYPE &
90 SLOTTED HEAD BRASS BINDI-
NG POSTS ON BOARD 19x5x5 1/2
WT. 8 LBS. \$1.95

TERMINAL
BOARD
P/O BD-71
SWITCHBOARD. 15 BRASS SCREW
TYPE BINDING POSTS ON INSUL-
ATING BOARD 3 1/2 x 16 3 LBS.
\$1.50

KEY AND PLUG PL-55
KEY OF STEEL CON-
TACTS.
MANUF. BY
WESTCLOX. 48" CORD WITH
PL-55. ZA/CAN 2320 \$1.95

IMMERSION HEATER
24 VOLT AC/DC, 50
WATTS
2 GAL-
LON, 3" PRESS CAP, 4 1/2"
SCREW CONE, 5 FT. CORD.
HEATING SHAFT 12". WT: 4L
LFC#EA8801. PRICE: \$1.50!



RT-35/AM UNIT IS USED TO
FOLLOW A WEATHER BALLOON
BY TRANSMITTING A SIGNAL
ON 675-725 MC WHICH IS
PICKED UP BY RADAR. 90
VOLTS PLATE AND 1 1/2 VOLTS
FILAMENT REQUIRED. WITH
TUBES; 2C35, 4/1L4, SCHE-
MATIC AND INSTRUCTIONS.
LESS B
BATTERY NOT AVAILABLE.
3 1/2 x 4 1/2 x 10; WT. 5 LBS \$2.95

TS-446 R.F. INDICATOR, NEON
BULB IN LICITE PROBE 1/25
WATT NE-2 BULB, 4 1/2 x 1 1/2 W/CLIP
PRICE: \$1.00

STEEL CABINET
20 1/2 x 8 x 9, OPENE
AT TOP, FRONT
PANEL CUT OUT
1 1/4", ALSO 7/16 HOLE. SIDES
LOUVERED, ROUNDED FRONT/TOP
#FCOC, SHPG. WT: 15; \$2.95

GENERAL ELECTRIC
EIGHT INCH FAN
AND MOTOR.
COMPLETE ASSEMBLY
INCLUDING
BRACKET. MOTOR
IS 115V 60 CYC
1550 RPM, WT. 5 LBS.
5x8x10 NEW \$2.95

QUAL EXHAUST FANS; FOR
19" RACK MOUNTING, 110
V CAPACITOR TYPE MOTOR
6 1/2" BLADES, 3250 RPM
MOTORS MOVE PLENTY AIR
: 12 LBS. USED \$14.95

SINGLE BAND
BEAM BALUN
INPUT 75 OHM UN-
BALANCED. OUT-
PUT 100 OHM BAL-
ANCED. UNIT
FOR 10 METERS ONLY. WEATHE-
R PROOF. 3 1/2 x 3 1/2 x 4 1/2 5 LBS.
PRICE NEW \$1.25

ANTENNA SWITCHING
UNIT SA-649/USD
CONTINUOUS SWIT-
CHING OF TWO AN-
TENNAS TO A REC-
EIVER AT 600 CPS
USED TO REDUCE
FADING OF SIGNAL
UNIT REQUIRES 26.5VDC. TUBES
INCLUDED 2/68C4; 2/JG-6111
SIZE: 3 1/2 x 3 1/2 x 5 1/2 WT. 2LBS.
PRICE: \$3.95

ANTENNA RELAY
UNIT RE-2/ARC-5
WITH 2 1/2" ANTENNA
CURRENT INDICATOR
3-10. ALSO ANTENNA
SWITCHING RELAY AND
30 MUF VACUUM CAPACITOR
5 AMPS. 5 LBS. 3 1/2 x 4 1/2 x 6
PRICE RECOND. WITH CAP \$4.95

COAXIAL RELAY
THREE SC-239 COAX
CONNECTORS. WIRED
FOR 24VDC HAS
TAPPED COIL FOR
CHANGING TO 12VDC
SIZE: 3x3x2 WT 1LB
RE-13/ANA-8 PRICE: \$4.95

ARC-12 ANTENNA
CHANGEOVER RELAY
BNC CONNECTORS FOR
EQUIP. UG-23-UG-21
F/ANT. REGULAR & AUX
ANT. CONN. 24 VDC RE-
LAY. W/BNC CABLES.
\$2.75
UG-21 ANTENNA CONN. \$.75

WAVEGUIDE SWITCH
AIRTRON #70960, 24-
29.5 VOLT DC, INST.
WAVEGUIDE 7/8x3/8,
1-5/8 FLG. 2 INPUT
1 OUTPUT.
5 1/2 x 5 x 5; 5LB. \$9.95

BC-198 ANTENNA 12V
SWITCHING RELAY
FOR RECEIVER TO
TRANS. PUSH BIND-
ING POSTS, PL-77
PLUG. 5x5x1 1/2; 1LB. U. \$1.95

ANTENNA CHARGE-
OVER S.P.D.T FOR
COAXIAL CABLE
28 VDC ROTARY
ACTUATOR WAFER,
ER, LOW-LOSS
HIGH-POWER.
GENERAL COMM
#2LN180RC-1
NEW \$3.95

SIZE: 4 1/2 x 3 x 2 1/2; WT: 1LB.
TYPE "LN" CONN. CUT-OFFS 50¢
AN CONN. 7 CONTACT \$1.00

COAXIAL SWITCH S.P.D.T.
FOR COAXIAL CABLE
28 VDC ROTARY
ACTUARY WAFER.
USES TYPE "N"
CONNECTOR.
SA-185/U \$3.95

TYPE "N" CONNECTOR CUT-
OFF \$.50
CONNECTOR 3 CONTACT \$1.00

ANTENNA CHANGE-
OVER RELAY. ANTEN-
NA INPUT CONN. TO
UG-21. OUTPUT TO
RECEIVER-TRANS.
2/UG-88. 24 VDC.
#409-1005-00 NEW \$3.95

UTILITY BLOWERS

THE BLOWERS LISTED BELOW ARE STANDARD SHADED POLE TYPE AND ARE QUITE RUNNING WITH NO RADIO INTERFERENCE.

50 & 100 CFM BLOWERS

For Heat Boosters, Dryers, Exhausters, Drafts

You can't buy a better blower for forced drafts for warm air heating systems, heat boosters, exhausters, dryers, etc. 8 1/2" H x 3 1/4" D. Black, baked on enamel. Hoed, best made blowers of their kind.

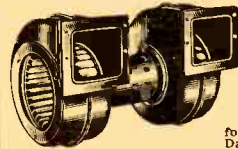


\$8.95
#1C939F

\$12.95
#2C721F

340 CFM TWIN BLOWER

For Hot & Cold Air Circulation, Exhaust, Etc.



\$20.95
#2C069F

For this 375 CFM Dayton Twin Blower. Ideal for air circulation, forced draft, and exhausting jobs requiring more air than possible with single blower. Efficient, dependable and quiet. 4 1/2" dia. balanced wheels powered by 1550 RPM, 115V, 60 Cy. motor with 12" leads. Rubber mounted pressed steel housings with 3/4" x 3/4" outlets. Each outlet has 4 1/2" square flange to facilitate mounting. Outlet velocity is 1960 ft./min. 4 1/2" dia. air intakes. 11 3/4" W x 8 1/2" H x 3 1/4" D. Black, baked on enamel. You'll like this blower's performance and the way it is built. Wt. 12 lbs.



\$ 8.75



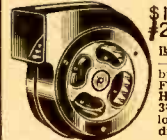
\$10.95

2C781 100 CFM 115 VOLT 60 CYCLE INTAKE 3" OUTLET 2-1/8" FL 4-1/8" SIZE 5-13/16" H x 6-3/4" W x 6-5/16" SHPG. WT. 5 LBS. PRICE: \$10.95

2C782 15 CFM 115 VOLT 60 CYCLE INTAKE 2-7/8" OUTLET 1 1/2" FLG 2 1/2" SIZE 3-13/16" H x 4" W x 3-7/8" D. SHPG. WT. 2 1/2 LBS. PRICE: \$8.75

108 CFM 'PANCAKE' BLOWER

Compact—Motor is Inside Blower Wheel



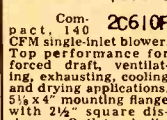
\$12.95 Dayton "pancake" motor moves 108 CFM where installation space is limited. Only 4 1/2" wide because motor has been built inside blower wheel. Fits into 4 1/2" x 8 1/2" x 4 1/2" space. Discharge 3 1/2" W x 3 1/2" H. Outlet velocity is 1530 ft./min. 4 1/2" dia. outlet cage. You'll like this blower's performance and the way it is built. Wt. 6 lbs.

Steel, rubber mounted housing with baked on black enamel finish. 1550 RPM, 115V, 60 Cy. motor with 12" leads. SHPG. wt. 6 lbs.

140 CFM UTILITY BLOWER

For Exhausting, Forced Draft, Cooling, Etc.

Delivers blasts of air \$11.95



\$11.95
#2C610F

Compact, 140 CFM single-inlet blower. Top performance for forced draft, ventilating, exhausting, cooling and drying applications. 5 1/4" x 4" mounting flange with 2 1/2" square discharge. Outlet velocity is 3230 ft./min. 3 1/2" dia. blower wheel driven by 2800 RPM, 1/15 HP, 115V, 60 Cy. motor with conduit box and 20" leads. Wt. 4 1/2" (less flange) x 6 1/2" D. Order sample and test best 140 CFM utility blower. Wt. 9 lbs.

350 CFM DAYTON BLOWER

4 1/2" Wheel 1/10 HP, 115 V, 60 Cy. Motor



\$22.75
#2C841F

Designed for applications that require more air than average shaded pole blower provides. Ideal for many exhausting, heating, cooling, drying, circulating, etc. applications. 350 CFM at 0.5" sp. 3500 ft./min. outlet velocity in free air. 6 1/2" x 3 1/2" W. Blower wheel is direct driven by 10 HP, 1500 RPM, 1 1/2" dia. motor. 60 Cy. rubber mounted shaded pole motor. P/L amps, 12" No. 18 wire lead. Precision steel housing with 3 1/2" x 3 1/2" mtg. flange. 4 1/2" x 3 1/2" discharge. 5 1/2" dia. mtg. flange. 11 1/2" x 10 1/2" H. Baked black finish. SHPG. wt. 13 lbs.

MINE DETECTOR

SCR-625 Famous Army MINE-DETECTOR USED CHECKED LESS BATTERIES \$27.95



\$32.95 WITH BATTERIES. BATTERIES ONLY \$5.95
USED TO DETECT HIDDEN METAL OBJECTS IN THE GROUND OR OTHERWISE HIDDEN UP TO 24 INCHES DEEP DEPENDING ON THE SIZE. AND GROUND CONDITIONS. DETECTION IS NOTED BY A TONE SIGNAL THAT IS FED INTO THE HEAD SET OR SPEAKER UNIT THAT ARE SUPPLIED WITH THE SET SHIPPED IN CARRING CASE WITH INSTRUCTIONS, 75 LBS

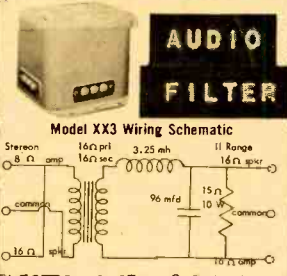
CRY BUTTONS REFLECTORS, CAN BE USED TO MAKE SIGNS OR MARKERS. SHINE WHEN LIGHT STRIKES 1/2" DIA. REQUIRES #10 NUT FOR MTG. NO. 15-1. CLASHER \$100.00

SUNBEAM #1567 115 VOLT 60 CY. 1/2 MINUTE ON 1/2 MINUTE OFF. 2 OUTPUT RECEPTACLES, LINE CORD, SWITCH, MOTOR ETC. 4 1/2 x 4 1/2 x 3; WT: 3 LBS. \$1.75

SWITCH HEAVY DUTY 8 CONTACT WITH 6 DIFFERENT COMBINATIONS OF MAKE & BREAK. \$40373, SIZE: 3x4 1/2 x 6; 4 LBS. \$1.50

TELEPHONE SIGNAL DROP STRIP AN INCOMING CALL IS INDICATED BY THE FALLING OF A SIGNAL DROP. \$4.95 FTR 711-A

POTENTIOMETER PRECISION TYPE, WIRE WOUND, 2 BEC 10,000 OHMS EACH 6 W. 3 SOLDER LUGS EA. SEC. SIZE 3x5 1/2. WT: LBS. STK #27284-29 \$.75



ELECTRO-VOICE XX3 FILTER IS AN AUDIO FREQUENCY FILTER THROUGH WHICH TWO AUDIO AMP ARE CONNECTED TO TWO SPEAKER SYSTEMS. THIS FILTER DIRECTS ALL BASS FREQUENCIES BELOW 300 CPS TO ONE SIDE OF THE SYSTEM WHILE THE HIGHER FREQUENCIES ARE PASSED WITHOUT CHANGE TO BOTH THE SYSTEMS. IN A STEREO SYSTEM THIS ELIMINATES THE NEED FOR TWO FULL RANGE SYSTEMS. CAN BE ADAPTED FOR OTHER USES. WT. 8 LBS. 5 1/2 x 4 1/2 x 5 1/2 EVXX3F NEW. \$2.95

ELECTRIC LOCK CONTROL SWITCH HEAVY DUTY TWO POLE SWITCH CONTROLLED BY YALE LOCK. 4 1/2 x 4 1/2 x 3 1/2; 3 LB. #B986 \$3.95

MATCHING LOCKSET FOR ABOVE #B-857 \$1.95 WT: 1 LB. \$2.25 P/O RA-60 POWER SUPPLY

PPI RADAR SYNCHRONIZER OFFSET CHASSIS ASSY WITH TUBES 2/6AT6 1/6100, 1/6096, 1/6101, CERAMIC SOCKETS, 5 TEST PIN JAC PRECISION RES., COND, TRANS, SIZE 7 1/2 x 5 x 3; 4 LBS. \$1.50 STK. No. 1013 \$1.50

MX-303A MAGAZINE FOR WIRE RECORDERS ANQ-1A, VRV-1 ETC. W/WIRE ON SPOOLS, MAGNETIZING HEAD, TIMERS, SWITCHES ETC. SIZE: 8 x 4 1/2 x 3; 5 LBS. RE-NEW \$1.95

ELECTRICAL CIRCUIT TESTER: PLASTIC UNIT CONTAINING 3 ROWS OF LIGHT BULBS. 3 IN EACH ROW, WITH PLASTIC WINDOWS ON BOTH SIDES, 2, 4, 6 ONE SIDE 1, 3, 5 OTHER, SEPARATE LEADS FOR EACH ROW, CABLE 3 1/2 LG. WITH ALLIGATOR CLIP SIZE 7 x 3 1/2 x 1; WT: 1 LB. BAYONET TYPE BULBS 24 V. MX-241/ PRICE: \$.75

CONTROL PANEL W/ SPST TOGGLE SWITCH MIC. JACK, INDICATOR & 6' 8 COND. CABLE. AVT-15CB \$1.50

BC-610 OSCILLATOR PLUG IN UNITS FOR 500 WATT TRANSMITTER WILL MAKE A GOOD FOUNDATION FOR A 25-40 WATT TRANSMITTER CONTAINS VAR. CAPACITORS, COILS KNOBS, CRYSTAL SOCK. SWITCH ETC. (ALL UNITS ARE USED AND HAVE CRACKED INSULATION ON THE PLUG IN PIN

TU#	FREQ. MC.	TU#	FREQ. MC.
47	2.0-2.5	48	2.5-3.0
49	3.2-4.0	50	4.0-5.0
51	5.0-6.3	53	8.0-12.0
62	1.0-1.5		

SIZE: 2x8 1/2 x 4 1/2; 2 1/2 LBS. \$1.75

COILS PLUG IN AIR TYPE 5 BANANA PINS. 3 1/2 x 4 1/2; 1 LB. \$1.95

For BC-610 C-# FREQ. MC. 448 11.0-14. For T-4/FRC C-14 7.1-9. For BC-610 C-# FREQ. MC. 447 8.0-11. 455 1.0-1.1. C-2 5.1-7.1

PHOTO-CELL LIGHT RESISTANCE TYPE 1000 OHM, 1/2" SQUARE. #5169A USED \$1.00

ALLIGATOR CLIP WITH SCREW CABLE HOLDER & PINCH SPIKE AT JAWS. 2 INCHES LONG. 6 FOR \$5.00

BUD COILS TRANSMITTING COIL MOUNTED ON 5 PIN CER AMIC BASE. 3C802 160 M 3C803 80 M 3C804 40 M 3C805 20 METERS PRICE: EACH COIL \$1.00

MEISSNER COIL KIT FOR SIGNAL SHIFTERS PLUG-IN TYPE 3 COIL OSC. PLATE, OSC. GRID & BUFFER, 5 & 6 PRO NG BASE. 3C2500-51 2040-2410 3C2500-52 2395-2835 3C2501-17 7000-7300 3C368 -J4 1000-1170 PRICE: KIT (3) COILS \$1.

COMMAND SET COILS 10790 85 KC IF \$2.00 7277 2830 " IF 1.50

OSCILLATOR COILS 5855 1415 KC \$1.00 5856 2830 KC 1.00 5853 239 KC 2.00

465 KC I.F. COILS AS USED IN MARK 11 NO. 19 RADIO SET. SLUG TUNED IRON CORE. 1, 2, 3RD I.F. #PC77366-7 \$.75 EACH

30 MC IF SLUG TUNED IRON CORE 1 1/2 x 2 1/2" #279643.8 50" EA.

ARGUS AUTOMATIC TIMER No. 586 12 STOPS, 5-60 SECONDS, AUTOMATIC HOLD OR. REJECT ON ANY PRE-SELECTED STOP. MADE FOR SLIDE PROJECTORS CAN BE ADAPTED TO OTHER USES. 2 1/2 x 3 x 2 1/2; 2 LB \$2.95

MASTER OSCILLATOR TUNING CAPACITOR FOR COMMAND TRANS. SINGLE ENDED SHAFT AND WORM GEAR DRIVE 32 PLATES STK # 206397A/C6 PT#C-63/5032 4x2 1/2 x 2 1/2 \$1.50

BC-221 FREQUENCY METER OSCILLATOR TUNING CAPACITOR 11.5-160 F. PYREX GLASS INSULATORS. DRIVEN THROUGH 360 BY WORM GEAR. WITH DIAL. 3x3 1/2 x 5 2 1/2 LBS. \$4.95

T-67/ARC-3 C129 POWER AMPLIFIER PLATE TUNING 4-17 MMF, 2500 V. .0243 AIR GAP. SHAFT 13/16 x .31; 1/7/8 x 2 1/2 \$1.50

BC-624/522 RECEIVER, 3 GANG 6-36 MMF EACH SECTION WITH SLUG TUNED TRIM. SHAFTS 1/16 STK #3D9036V SIZE 4 1/2 x 2 x 3 1/2; 1 LB. \$1.50

351-1013 3.5 TO 27 MMF, 13 PLAT. SIZE 1-5/8 x 1-5/8 x 1-5/16, SHAFT 1 1/2 x 3/16. \$.75

CENTRIFUGAL BLOWER 120 CFM FROM 3400 R.P.M. 115V 60 CYC. CAPICATOR TYPE MOTOR WHICH REQUIRES 4MFD CAP. WT. 9 LBS. SIZE: 9 1/2 x 5 1/2 x 6 1/2 USED \$7.95

CAPACITORS VARIABLE CAPACITOR 5 SECTION 20-402 MMF EA. SECTION. WITH GEAR TR. AND SPLINED SHAFT, STRAIGHT SIZE: 9 1/2 x 4 x 3; 4 LBS. #C-ARN-6 \$3.95

BC-348 C&S VARIABLE CAPACITOR, 4 SECTION 16 TO 241 MMF WITH GEAR & COMP. 6 1/2 x 2 x 3 1/2; 2 1/2 LBS. #3D9016V-1 PRICE: \$1.50

RF TUNER CAVITY 990-1040 MC, SILVER PLATED, 4 CAM. ACTUATED PLUNGERS. UG-88/89 COAX. CONN. 6 LB. 8 1/2 x 2 1/2 x 3 1/2; \$1.95

BC-924 TRANSMITTER COIL SLUG TUNED COIL 27 TO 38 MC. WITH ADJUSTING DIAL & TUNING SCALE MOUNTED ON CAST BASE. SIZE 8 x 1 x 1 1/2; 1 LB. PRICE: 1.00

TCS VARIABLE CAPACITOR 2 SECTIONS 10-280 MMF 1 SECTION 10-360 MMF, 4" 3 BAND DIAL CALIBRATED 1.5-3 MC 3-6 MC & 6-12 MC. WITH GEAR ASSY & LOCK. SIZE 7 x 3 x 3 1/2; WT: 5 lbs. #H-881 PRICE: NEW \$3.95

TRANSMITTER VARIABLE CAP. 42-420 MFD. 2000 VDC, 40 PLATES 1/16 SPACING. SIZE: 6 x 2 1/2 x 4; 2 1/2 LBS. CE #7765659-P1 PRICE: \$5.95

20 TO 156 MMF 31 PLATES, SIZE 4 x 2 x 3, SHAFT 3/8 x 3/8 GE #T7660443-6 PRICE: \$1.95

22 TO 118 MMF 31 PLATES, SIZE: 4 x 2 x 3, SHAFT 3/8 x 3/8 GE #7463006-1 PRICE: \$1.95

ANTENNA INDUCTANCE TUNER 500 WATT. WT: 5 SIZE: 9 x 4 1/2 x 2 1/2; #B468368-1 5450-188-6468 \$9.95

50 MMFD VARIABLE 7 PLATE 1/2 x 3/4 SHAFT, MTG. BRK. #351-1037 \$.79

PA TUNING CAPACITOR FOR COMMAND TRANSMITTERS WITH GEAR TRAIN & DOUBLE END SHFT SIZE 4 x 2 1/2 x 3. STK #2C6397A/C8 PT#C-65/7321 PRICE: \$1.50

VARIABLE CAPACITOR 7 SECTIONS 1/80, 4/100 & 2/200, DRUM DIAL. 1 1/2 x 1 1/2 x 3; 5 LBS. #CA-325/BC-223 \$2.95

BC-624 R.F. TUNER ASSY. AM WITH VARIABLE CONDENSERS, COILS, SOCKETS OSCILLATOR SECTION COUPLINGS ETC. FREQ. 100 TO 156 MC. SIZE: 5 x 5 x 5; WT: 8 LBS. #2ZK11150 USED \$3.95

MINIMUM ORDER \$3.00

WAVE GUIDES

STRAIGHT COUPLING WG 3/8x7/8 FL. 1-5/8x1-5/8 LENGTH 1" GOLD FLASHED #13878 BR. \$4.50

UG-138/U STR. COUP. WG. 3/8x1, FL. 1-7/8x1-7/8 LENGTH 2" CAST ALLOY #24810 \$3.50

WAVELINE 90 DEG. 2 1/2" WG. 3/8x7/8, FL. 1-5/8x1-5/8, BR. SILVER PL. TYPE 632 \$4.50

FLEXIBLE 90 DEG. 2 1/2x1 1/2 COUPLING WG 3/8 x 1-1/8 TO 3/8 x 7/8, FL. 1-7/8x17/8 & 1-5/8x1-5/8, BRASS RUB. COV. SILVER PL. #34845 \$3.50

FLEXIBLE WAVEGUIDE X BAND 7000-10,000 MC FL 1-5/8x1-5/8 WG 3/8x7/8 18" #CBHF30615 \$3.00

SAME AS ABOVE 24" LG. 5" OFFSET 30976 2.75

" " " 96" LG. STRAIGHT 34174 8.00

FLANGE 3 1/2" RD. WG 1 1/2x2 1/2 7 FT. NST. 39739 7.50 (ABOVE WG LARGE APPROX 4000MC)

FLANGE 1 1/2x1 1/2; WG 3/8x1 8" LG S SHAPE 16-0011 2.25

IM-120/UPM STANDING WAVE RATIO INDICATOR IS DESIGNED FOR TEMPORARY INSERTION INTO THE SLOTTED SECTION OF DIRECTIONAL COUPLER CU-245/U TO PROVIDE MEASUREMENT OF THE OVERALL STANDING WAVE RATIO OF THE WAVEGUIDE AND THE ANTENNA SYSTEM. CHANNEL WIDTH 1 1/2 INCH. THIS INSTRUMENT IS CONTAINED IN A SEALED WATERPROOF METAL CARRYING CASE 9x7x5 1/2. WT. 10 LBS. 6/1N25 CRYSTALS INCLUDED INSTRUCTION MANUAL INCLUDED. NEW \$24.95

2J1H SELSYN DIFFERENTIAL GENERATOR NORMALLY OPERATES FROM 57.5/57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 36 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM ON PAGE 31. SIZE: 2 1/2x4 1/2; WT: 8 OZ. PRICE WITH CONNECTOR CAPS. \$3.95

1-196 SIGNAL GENERATOR 160 TO 220 MC USED TO CHECK LF & HF BANDS OF IFF SETS. DRY BATTERY OPERATION USES ONE 957 ACORN TUBE VARIABLE FREQ. & TONE CONTROL, PILOT LIGHT, ON/OFF SW. ETC. HOUSED IN WOOD CASE WITH CANVAS COVER. SIZE: 8 1/2x8 1/2x4; WT: 10 LBS. REQUIRES 1.5 & 135 VDC. NEW \$2.95

READOUT BOARD

READOUT BOARD, USES 30 1/10 VOLT NEON BULBS WITH 3/16" DISPLAY EACH ONE NUMBERED, SLIDE TYPE CONNECTORS & 30 RESISTORS MOUNTED ON BOARD 5 X 11 INCHES. WT: 1 LB. PRICE: \$1.95 EA. 3 FOR \$5.00

ID-169/APN-12 RADAR OSCILLOSCOPE USED WITH VARIOUS TYPES OF RADAR IDENTIFICATION SETS FOR INDICATING INCOMING SIGNALS. (CAN BE CONVERTED TO MONITORING OR TEST USE) HAS VERTICAL, HORIZONTAL, FOCUS, SWEEP & INTENSITY CONTROL ANTENNA SWITCHING MOTOR OPERATES FROM 24 VDC AND REQUIRES UG-88 CONNECTORS. WITH TUBES 5/12AU7 3/5726, 1/6AS6, 1/6AG5, 1/6X4 & 1/3JPI. OPERATES FROM 115 VOLT 400 CYCLE (NOT 60 CYCLE) SIZE: 9x9x16; WT: 30 LBS. USED \$9.95

PPI RANGE INDICATOR FOR T-9 TRACKER RADAR SET AN/GPG-1. OPERATES FROM 115 VOLT 60 CYCLE WITH TUBES 13/6J6, 2/12AH7, 1/6AG5, 1/6AR6, 1/6AG7, 2/6C4, 1/12AU7, 1/3DP1, 1/5ADP7 & 2/3B29 ALL FOCUSING CONTROLS ON FRONT PANEL, CHASSIS ONLY, NO COVER. SIZE: 13x11x24; WT: 80 LBS. PRICE: REMOVED FROM EQUIPMENT \$24.95

RADAR FREQUENCY AMP.

R-9 RADAR FREQUENCY AMP. USED TO INCREASE OUTPUT OF TEST EQUIPMENT IN 2750-2950 MC RANGE. POWER APPROX. 6 WATTS FROM 2C40 TUBE. CONTROLS FOR POWER AND FREQUENCY. COMPLETE WITH TUBES 2C40; 6AN5; 5687; 12AT7; 2X2; 2/OA2; OB2; 2/5Y3; 5PQ6; SIZE: 10 1/2x17 1/2x20. WT. 43 LBS. PRICE: \$19.95

GYRO INTEGRATING HIG UNIT MFG. BY HUGHES AIRCRAFT PART NO. 420 -57-0013. CONTROL RATE OF TURN. SIZE 2 1/2x5 1/2; WT: 3 LBS. USED \$4.95

DEFLECTION PREDICTION SERVO ARMA #93600. CONSISTS OF FOUR RESOLVERS #93170, PRECISION POT. CONTROL MOUNTED ON GEAR TRAIN ASSY WITH INDICATOR DIAL SIZE: 6 1/2x3 1/2x4; WT: 4 LBS. PRICE: USED \$4.95

AZIMUTH LINE OF SIGHT SERVO ARMA #2-00003-239. CONSISTS OF RESOLVER 93170, INDUCTION GENERATOR 2-00003-903, SERVO MOTOR BM-1541A, PRECISION POT. MOUNTED ON CHASSIS WITH GEAR TRAIN ASSY. SIZE 6 1/2x4 1/2; WT: 5 LBS. \$4.95

P OR R ELEVATION COMPUTER ASSY; CONSISTS OF TWO SYNCHRO RESOLVER, KETAY #D-13810-1 0-100V 350 CPS, #D-13350-1 0-10 V. 400 CPS, KOLL-SMAN INDUCTION MOTOR #1515J-0430, WE MAGNETIC AMP. GA-52140, FOUR TUBES IN SEALED CIRCUITRY, A&B CONTROLS, TEST JACKS ETC. STK. # 15264 SIZE: 11x7x6; WT: 12 LBS. PRICE: USED \$6.95

GE SELSYN GENERATOR NO. 2J1FA1 115/57.5 V. 400 CYC. \$3.95

GE TANDEM SELSYN CONTROL TRANSFORMER NO. 2JB15K1, 57.5-57.5 VOLTS 400 CYC. RATIO 31-1 \$2.95 REPEATER A.C. SYNCHRONOUS TYPE TX 115 VOLT 60 CYCLE, SIZE 5X3 PRICE: \$7.95 2 FOR \$15.00

RECEIVER TORQUE SYNCHRO 23TR4 115/90 VAC 400 CYCLE, TWO UNITS MOUNTED ON FRAME WITH NUMBERED DIALS 0-100 & 0-1000, SYNCHRO SIZE 4x2x2 PRICE USED \$15.00 PR

23TR4 RECEIVER 115/90 V. 400 CYC. USED \$7.95
23TX4 TRANSMIT 115 V. 400 " " 7.95
23CT4 CON. TRANS. 115 V. 400 " " 7.95
23RS4A RESOLVER 90/90 V. 400 " " 7.95

23CX6 TRANSMIT 115/90 V. 60 CYC. NEW 10.00
23CX6 " " " " USED 7.00
23CT6 TRANSFOR 90/1V PER DEG 60CY " 7.00
23TR6 RECEIVER 115 V. 60 CYC. " 15.00

DAYSTROM TRANSICOL CONTROL MOTOR 115 VOLT 60 CYCLE, 1 PHASE, 2 PHASE 200 VOLT CT., 3200 RPM. SIZE 2 1/2 X 2, SHAFT SIZE 1/16 X 1/2 WITH GEAR, (REMOVED FROM NEW EQUIP.) PRICE: \$5.00

SYNCHROSCOPE

OS-29/UPM-4A PRECISION SYNCHROSCOPE EMPLOYING A THREE INCH CATHODE RAY TUBE. THE SWEEP OF THE CATHODE RAY TUBE CAN BE TRIGGERED EXTERNALLY OR INTERNALLY AND CAN BE DELAYED WITH EITHER TRIGGER. THE SWEEP DURATION AND, WHEN INTERNALLY TRIGGERED, THE SWEEP FREQUENCY CAN BE CONTROLLED. THE INPUT SENSITIVITY OF THE VIDEO AMPLIFIER CAN BE VARIED IN SIX STEPS FROM 0.2 TO 20 VOLTS PER INCH OF VERTICAL DEFLECTION. THE UNIT CONTAINS HIGH VOLTAGE POWER SUPPLY, BUT REQUIRES THE FOLLOWING VOLTAGES FOR OPERATION 300V, -27V, 425V, 105V. NORMALLY SUPPLIED BY POWER SUPPLY PP-802/UPM-4A, NOT AVAILABLE. SIZE: 22x19x10. WT. 50 LBS. OS-29/UPM-4A ONLY, RENEW. \$39.50

BC-966 RECEIVER-TRANSMITTER 160 TO 211 MC. CODED SIGNAL FOR IFF FRIEND OR FOE IDENTIFICATION IN AIRCRAFT. WITH 13 TUBES 3/6H6, 3/7193, 7/6SH7, RELAYS, VOLTAGE REGULATOR, RESISTORS, CONDENSERS ETC. LESS DYNAMOTOR. SIZE: 12x13x9; WT: 43 LBS. USED \$4.95

AUTOMATIC PILOT COMPONENT; GYRO DIRECTIONAL STABILIZER UNIT FOR "M" SERIES BOMB SIGHT AND E-6 AUTOPILOT. OPERATES FROM 24-28 VOLTS D.C. SIZE 17x12x12; WT: 50 LBS. PRICE: USED \$22.95

SYNCHRO SELSYNS

SYNCHRO GENERATOR SPERRY PT#R5663642 MFG. BY BENDIX FOR IBM. SIMILAR TO BENDIX OPERATES FROM 26 VOLTS 400 CYCLE SINGLE PHASE WHEN USED IN CONJUNCTION WITH BENDIX #AY-201 SYNCHRO CONTROL TRANSFORMERS IT WILL OPERATE UP TO 20 UNITS. WILL ALSO OPERATE FROM 6 VOLT 60 CY. WITH A SLIGHT LOSS. SIZE: 2 1/2x2 1/2; SHAFT 1/16x3; WT: 12 OZ. PRICE: NEW \$2.95 2 FOR \$5.00

AY-201 SYNCHRO CONTROL TRANSFORMER MFG. BY BENDIX, KETAY, CLIFTON ETC. ROTOR 1 PHASE 26 V 400 CYC. STATOR 3 PHASE 11.8 V. SIZE: 1 1/2x1 1/2, SHAFT 3/8x1/16; WT: 3 OZ. PRICE: RE-MOVED FROM EQUIP. \$1.95 EA.

KEARFOOT R-200 SYNCHRO CONTROL TRANSFORMER. ROTOR 26 VOLT 1 PHASE 400 CYCLE, STATOR 11.8 VOLT 3 PHASE. SIZE: 1x1-3/4, SHAFT 1/16 x 1/2; WT: 3 OZ. CONDITION REMOVED FROM EQUIPMENT. PRICE: \$2.95 EACH

KEARFOOT SYNCHRO RESOLVER R-235, ROTOR 2 PHASE 26 VOLTS, STATOR 2 PHASE 11.8 VOLTS 400 CYCLE. SIZE: 1x1-3/4; SHAFT 1/16x3; 3oz. REMOVED FROM EQUIPMENT. PRICE: \$2.95

SELSYN CONTROL TRANSFORMER #2J1G1, 57.5-57.5 V 400 CYCLE (WILL OPERATE FROM 36 V 60 CY SEE WIRING DIAGRAM NEXT PAGE) SIZE: 2 1/2x4 1/2; WT: 1 LBS. USED PRICE WITH CAPS \$3.95

SELSYN SYNCHRO

NAVY TYPE SYNCHRO GENERATOR 5G MK1, Mod. 5; 115/90 V. 60 CYCLE. CAN BE USED FOR DIRECTIONAL CONTROL TO A REMOTE POSITION IN PAIRS AS TRANSMITTER & RECEIVER. EACH UNIT WILL FOLLOW OTHER UNIT IN DIRECTION AND SPEED OF ROTATION. HEAVY DUTY GEAR TRAIN WITH SELSYN/SYNCHRO AS ILLUSTRATED, SIZE 10x8x5, WT: 12 LBS. \$7.95

SELSYN SYNCHRO TRANSFORMER TYPE XV #78386 115 V 60 CYC, 5 1/2x3 1/2; SHAFT 1 1/2x2; 5 LB. \$6.95

SPECTRUM ANALYZER

VECTRON SPECTRUM ANALYZER SA-20 RECEIVER WITH A CATHODE RAY OSCILLOSCOPE OUTPUT INDICATION. A LINEAR SAW TOOTH VOLTAGE IS USED TO FREQ. MODULATE THE LOCAL OSCILLATOR OF THE RF HEAD AND TO PROVIDE THE SWEEP VOLTAGE FOR THE OSCILLOSCOPE CIRCUITS. THE SELECTIVE RECEIVER IS SWEEP THROUGH THE SPECTRUM OF THE INCOMING SIGNAL, THE VARIOUS COMPONENTS OF AN INCOMING MODULATED WAVE ARE RESOLVED AND APPEAR AS VERTICAL PIPS ON THE OSCILLOSCOPE SCREEN. THE MODEL SA-20 IS EQUIPPED WITH A 50KC BANDWIDTH IF AMPLIFIER WHICH WILL PRODUCE GOOD RESOLUTION OF MODULATED WAVE COMPONENTS NORMALLY ENCOUNTERED IN RADAR WORK. UNIT HAS PLUG-IN RF HEAD FOR THE X-BAND (8500-9600MC). THE MODEL SA-20 SPECTRUM ANALYZER HAS A WIDE VARIETY OF USES SUCH AS; ANALYSIS OF SPECTRA OF PULSED OSCILLATOR DETECTION OF MODING AND INSTABILITY IN MICRO WAVE OSCILLATORS AND TRANSMITTING EQUIPMENT, MEASUREMENT OF FREQUENCY, AND ANALYZING AFC AND MAGNETRON PULLING. VOLTAGE: 100-120 VOLTS 60 CYCLE; SIZE: 24x22x17. SHIP. WT. 160 LBS. USED \$175.00

1-82A 5" INDICATOR

1-81A 3" INDICATOR

1-82A INDICATOR 5" ILLUSTRATED TO LEFT ABOVE 0-360 DEGREE SCALE CONTAINS A MATCHING AUTOSYN MOTOR TO BE USED WITH THE LP-211LM LOOP. OPERATES FROM 26 V 400 CYC. (60 CYC SEE BELOW)

1-81A INDICATOR 3" ILLUSTRATED TO RIGHT ABOVE 0-36 DEGREE SCALE CONTAINS A MATCHING AUTOSYN THAT WAS USED WITH THE LP-211LM LOOP. OPERATES FROM 26V 400 CYC. (60 CYC. SEE BELOW)

1-82A INDICATOR 5" USED \$7.95
1-81A INDICATOR 3" USED \$3.95 RENEW \$4.95
PL-118 CONNECTOR PLUG FOR INDICATORS 2.50 EA

RESOLVERS SELSYNS GENERATORS SYNCHRO SYSTEMS



GENERATOR (ANGLE TRANSMISSION) ROTOR 2 PHASE 24 VOLT, STATOR 2 PHASE 20.6 VOLT 400 CYCLE. PART #BGC-15-DS-10; SIZE 1 1/2 x 2 1/2 (CLIFTON) \$2.95
 GENERATOR INDUCTION, 24 VOLT 400 CYCLE EASTERN AIR DEVICES #J2C407-40 \$2.95
 TRANSMISSION GENERATOR MFG. ARMA, TYPE 03TG-400X1, DWG #93054 \$2.95
AUTOSYN RESOLVERS
 AY221S-3-B 400 CYCLE, ROTOR 2 PHASE 26 VOLT, STATOR 2 PHASE .11.8 V. BENDIX 1.95
 AY-123D BENDIX SAME SPECS AS ABOVE 1.95
 SERVO CONTROL MOTOR MFG. BY OSTER, 115 V. 400 CYCLE NO LOAD SPEED 5000 RPM. TORQUE 1.45 OZ. IN. \$2.95
 RESOLVER MFG. BY CLIFTON PART #BSC-15DS ROTOR 2 PHASE 0.5-16 VOLT, STATOR 0.5-16 VOLT 400 CYCLE. \$2.95
 RESOLVER TRANSMISSION GENERATOR, JOHN OSTER TYPE 15-4042-06, DWG. #C45 \$2.95
 RESOLVER MFG. BY ARMA, TYPE 03X1-400 DWG. #93001. \$2.95
 RESOLVER MFG. BY OSTER TYPE 15-4042-04 \$2.95
AUTOSYN DIFFERENTIAL
 AY-165-A3 400 CYC, 3PHASE 11.8-3PHASE 1 - 1 RATIO. BENDIX 1.95
 AY- 232S-3B BENDIX SAME SPEC. AS ABOVE 1.95
 AY- 231S-3B " " " " " " 1.95

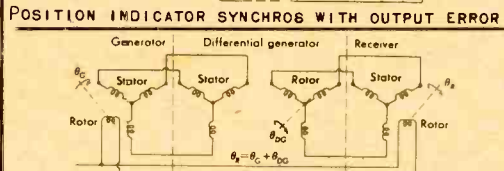
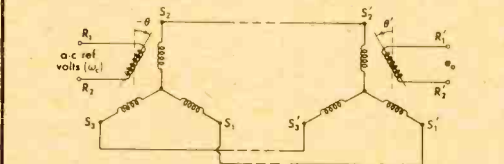
THE FOLLOWING EXPLANATION IS THE BASIC PRINCIPAL OF OPERATION OF THE SYNCHRO, SELSYN, AND AUTOSYNS.

THESE MOTORS ARE SPECIALLY DESIGNED HAVING A ROTOR/SHAFT THAT WILL ALWAYS ASSUME THE SAME POSITION AS ON A ROTOR/SHAFT OF THE SAME TYPE MOTOR THAT HAS BEEN ELECTRICALLY CONNECTED TOGETHER EVEN THOUGH THE UNITS ARE LOCATED SOME DISTANCE FROM EACH OTHER.
 THE MOST IMPORTANT FEATURE ABOUT THESE MOTORS IS THAT THE SHAFT/ROTOR DOES NOT TURN CONTINUOUSLY EVEN THOUGH THEY ARE ENERGIZED BUT THE ROTOR/SHAFTS REMAIN MOTIONLESS UNTIL ONE OR THE ROTOR/SHAFTS IS MOVED BY SOME EXTERNAL FORCE IN WHICH CASE BOTH ROTOR/SHAFTS WILL MOVE AT THE SAME TIME, AT THE SAME RATE AND STOP AT THE SAME TIME, IN THE SAME DEGREE OF ROTATION AS THE ROTOR/SHAFT THAT HAS HAD THE EXTERNAL FORCE APPLIED TO IT.

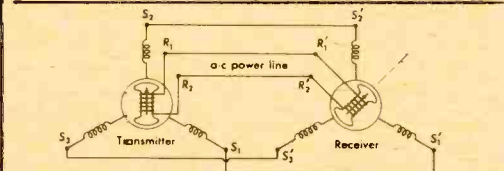
USED CHIEFLY FOR OBTAINING A REMOTE INDICATION OF POSITION OF SOMETHING OR REMOTE CONTROL OF A POSITIONER.

SYNCHRO: A TYPE OF WOUND-ROTOR AC MOTOR USED FOR REPEATING ANGULAR MOTION BOTH AS TO TOTAL ANGLE AND SPEED. THE NAME SELSYN IS USED SYNONYMOUSLY WITH SYNCHRO.
SYNCHRO GENERATOR: A SYNCHRO WHICH HAS AN ELECTRICAL OUTPUT PROPORTIONAL TO THE ANGULAR POSITION OF ITS ROTOR.
SYNCHRO CONTROL TRANSFORMERS: A SYNCHRO IN WHICH THE ELECTRICAL OUTPUT OF THE ROTOR IS DEPENDENT ON BOTH THE SHAFT POSITION AND THE ELECTRICAL INPUT OF THE STATOR.
SYNCHRO DIFFERENTIAL GENERATOR: THE SYNCHRO UNIT WHICH RECEIVES AT 1ST PRIMAR TERMINALS AN ORDER FROM A SYNCHRO GENERATOR, MODIFIES THIS ORDER MECHANICALLY BY ANY DESIRED AMOUNT BY THE ANGULAR POSITION OF THE ROTOR AND TRANSMITS THE MODIFIED ORDER FROM ITS SECONDARY TERMINALS TO THE OTHER SYNCHRO UNITS.
RESOLVER: AN ELECTROMECHANICAL UNIT, SIMILAR TO A SYNCHRO, USED TO RESOLVE INCOMING VOLTAGE INTO THEIR SINE AND COSINE COMPONENTS AS REFERRED TO ANGLE OF SHAFT ROTATION. RESOLVERS MAY BE SUPPLIED WITH TWO ROTOR WINDINGS FOR RESOLUTION OF THE SINE AND COSINE COMPONENTS OF THE VECTOR SUM OF TWO QUADRATURE INPUTS.

USED CHIEFLY FOR OBTAINING A REMOTE INDICATION OF POSITION OF SOMETHING OR REMOTE CONTROL OF A POSITIONER.

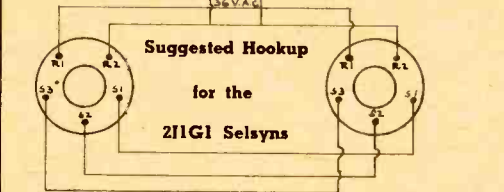


DIFFERENTIAL GENERATOR, TORQUE SYNCHRO SYSTEM



SYNCHROS USED AS POSITION INDICATORS OR TO TRANSMIT TORQUE. BASIC SYSTEM FOR GENERAL INDICATOR USE.

WIRING DIAGRAM FOR 2J1F1 OR 2J1G1 SELSYNS FOR OPERATION FROM 36 VOLT 60 CYCLE.



SIGNAL GENERATOR

STARK MODEL 10-A RF SIGNAL GENERATOR. OUTPUT IS AUDIO, PURE RF, OR MODULATED RF OVER A RANGE OF AUDIO OR 95KC TO 144 MC. POWER REQUIRED 115V 25-60 CYCLES. SIZE 1 1/2 x 1 1/2 x 3/4 30 LBS. USED \$50.00



STARK VTVM TA-1

STARK VACUUM TUBE VOLTMETER MODEL TA-1 MEASURES THE FOLLOWING QUANTITIES. AC AND DC VOLTAGES (PLUS AND MINUS) 3, 12, 30, 120, 300, 1200 VOLTS; CURRENT RANGES 3, 12, 30, 120, 300 1200 MA. RESISTANCE RANGES R x 10, R x 100, R x 1K, R x 10K, R x 100K R x 1M. CAPACITANCE C x 100uf, x 10 x 100uf, x 10uf, x 1uf. C = 100uf C = 10uf. 115V 60CYC 7x9x12 8 LBS W/AC AND DC PROBES.



USED \$40.00

COSSOR OSCILLOSCOPE

AC COSSOR OSCILLOSCOPE MODEL 1035 INPUTS A, 500V MAX. A2 500V MAX. CAL; TRIGGER OR SYNC. A2 OUTPUT OR AC TO Y, CONTROLS FOR BRIGHTNESS FOCUS; TRIGGER SYNC; TIME BASE FREQ.; A1 VOLTS; A1 VOLTS RANGE; A2 VOLTS A2 VOLTS RANGE; TIME SCALE; TIME RANGE; EXT. SCAN; SYNC SELECTOR, REPETITIVE TIME BASE EXT OR TRIGGERED. 13 TUBES PLUS CRT OF BRITISH MANUFACTURE. WE WILL SUPPLY INFORMATION ON AVAILABILITY OF THESE TUBES. 115V 60 CYC. 21x16x11 1/2 SH. WT. 95 LBS. \$60.00



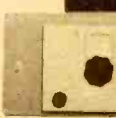
TWIN BEAM OSCILLOSCOPE

COSSOR LIMITED-MODEL 1037X TWIN BEAM OSCILLOSCOPE. TIME RANGE 2 6, 20, 60, 200M SECS, 600, 200, 60 EXT. UEGCS. CONTROLS FOR A1 VOLT RANGE 600, 200, 60, 20, 6, 2. A2 VOLT RANGE 60, 20, 0. TIME SCALE, SYNC FREQ., BRILLIANCE, FOCUS. 80-230 VOLTS 25-2400CYC. SIZE: 6 1/2 x 13 x 19 1/2 SH. WT. 60 LBS. COMPLETE WITH TUBES: 2X2, 2/6AQ5, 2/12AU7, 6X4, 6AS6, 6AT6, CRT TYPE 89D. USED \$35.00



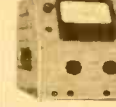
AUDIO GENERATOR

MEASUREMENT ENGINEERING AUDIO GENERATOR AG-3 FREQUENCY RANGE 35 TO 350 350-3500. 3500-35000 CPS IN 3 RANGES OUTPUT CONTROL VARIES AMPLITUDE OF SIGNAL. COMPLETE WITH TUBES: 6SJ7, 6K6, 6V6, 6SF5, 5U4 SIZE: 18x14x8 FOR 115V 60CYC. SH. WT. 49LBS. USED \$50.00



CRITERION E6300 VTVM MFG. BY CANADIAN RESEARCH INSTITUTE.

RANGES. ACV; 0-3, 12, 30, 120, 300, AND 1200 V. DCV; 0-3, 12, 30, 120, 300, 1200VDC MA: 0-3, 12, 30, 120, 300, 1200MA OHM; R x 1, R x 10, R x 100, R x 1K, R x 10K, R x 100K. CAPACITANCE SCALES: C x 100uf, C x 10uf, C x 1uf C x 0.1uf, C x 0.01uf, C x 0.001uf C x 100uf. METER 4 1/2 x 4 1/2 IN. SIZE: 8 1/2 x 8 x 1 3/4. WT. 18 LBS. 115VOLTS 60 CYC. \$ 85.00



STARK MULTIMETER

STARK MODEL KM; MULTIMETER 20,000 /V DC. 1000 /V AC. AC & DC VOLT AGE RANGES; 2.5, 10, 50, 250, 1000V CURRENT RANGES; 100UA, 1MA, 10MA, 100MA, 500MA, 1AMP, 10AMP. 500MV RESISTANCE; R-10, R, R x 10, R x 1000 DB SCALE; -18 TO 30B. SWITCH FOR AC, DC, AND DC REVERSE. ZERO SET. 3 1/2 x 4 IN. METER SH. WT. 12 LBS. USED: \$19.95



CANADIAN CUSTOMERS: THE ABOVE ITEMS ARE OF CANADIAN MANUFACTURE, AND ARE NOT SUBJECT TO CANADIAN DUTIES.

WIND DIRECTION INDICATOR



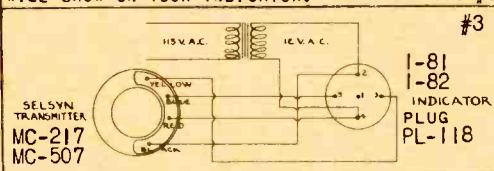
TO MAKE AN ELECTRIC WIND DIRECTION INDICATOR YOU WILL REQUIRE THE FOLLOWING PARTS AND USE WIRING DIAGRAM #3.

- MC-507 SELSYN/AUTOSYN TRANSMITTER USED \$3.95
- 1-81A INDICATOR 3" USED \$3.95
- 1-82A INDICATOR 5" USED \$7.95
- FAIR #246B TRANSFORMER 12 VOLT. 1.95
- PL-118 PLUG FOR 1-81A INDICATOR (OPTIONAL) 2.50
- FOUR WIRE CABLE PER FOOT .04

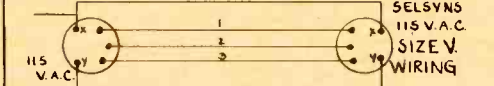
FROM THE TOP OF THE MC-507 REMOVE THE SPRING SPRING TENSION POST, AND DIAL POINTER. LOOSEN THE 24 COMPENSATING SCREWS, AROUND THE HOUSING JUST BELOW THE SCALE, ENOUGH SO THAT THE DISK THAT IS ON THE SHAFT ROTATES FREELY. YOU CAN MAKE ANY TYPE VANE YOU DESIRE KEEPING IN MIND THAT THE LIGHTER IT IS THE EASIER IT WILL TURN AND GIVE A TRUER INDICATION. THE STEM CAN BE OF PLEXIGLASS OR ANY OTHER LIGHT MATERIAL. DRILL A HOLE IN THE STEM THE SIZE OF THE MOTOR ROTOR/SHAFT SO THAT IT WILL FIT TIGHTLY OR USE ANY OTHER COUPLING DEVICE, MOUNT THE VANE ON THE TOP OF THE STEM, LOCATE THE MOTOR WITH THE MOUNTED VANE WHERE YOU WANT IT, (MOTOR SHOULD BE WATERPROOFED) WIRE UP THE MOTOR, TRANSFORMER, SWITCH AND INDICATOR AS SHOWN IN DIAGRAM #3, TURN THE SWITCH ON, TURN THE VANE UNTIL THE INDICATOR POINTS TO ZERO, THEN ADJUST THE POSITION OF THE VANE ON THE MOTOR SO THAT IT POINTS NORTH. YOUR WIND DIRECTION INDICATOR SHOULD NOW BE READY TO OPERATE.

REMOTE INDICATOR

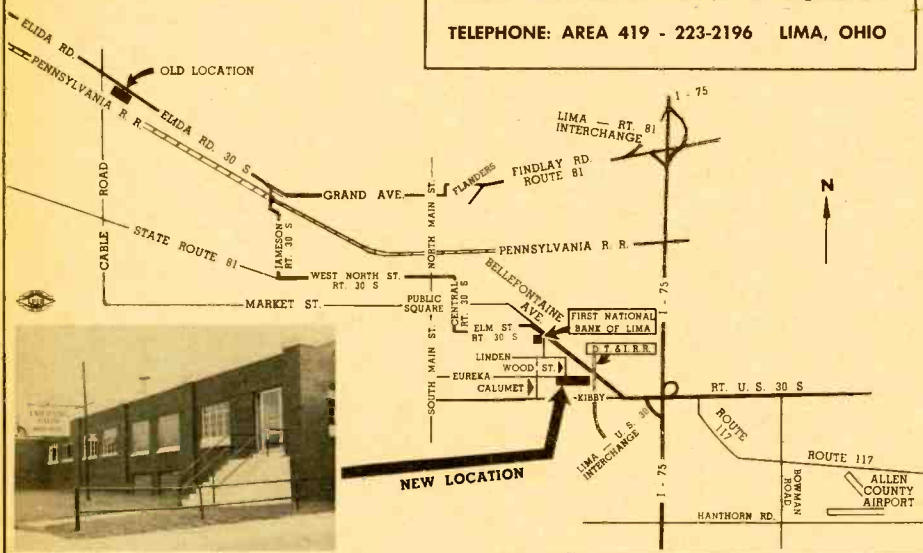
THE SELSYN TRANSMITTER MC-507 AND INDICATORS 1-81 AND 1-82 CAN BE USED TO INDICATE POSITION OF ALL TYPES ROTATABLE RADIO ANTENNAS TO A REMOTE POINT. SUITABLE GEAR ARRANGEMENT MUST BE MADE TO THE SELSYN TRANSMITTER AND THIS IN TURN ADJUSTED SO THAT THE ANTENNA IS IN LINE WITH THE INDICATOR. WITH PROPER ALIGNMENT, WHEN THE ANTENNA IS TURNED TRUE INDICATION WILL SHOW ON YOUR INDICATOR; SEE SCHEMATIC #3



WIRING DIAGRAM FOR 115/90 VOLT SELSYN/SYNCHRO



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TELEGRAPH

AN/FGC-5 TELEGRAPH TERMINAL EQUIP.
 TIME DIVISION TYPE, 4 CHANNELS 75 WORDS PER MIN. 2 WIRE LINE TERMINATION, DC LOOP; CONVERTS START-STOP TELETYPE SIGNALS TO MULTIPLEX SIGNAL AND RECONVERTS MULTIPLEX SIGNAL TO START-STOP TELETYPE SIGNALS. 115/230 v 50/60 CYC. SINGLE PHASE OPERATION. CONSISTS OF TELE. REC. GROUP OA-150/FGC-5 & TELE. TRANS. GROUP OA-151/FGC-5, EACH GROUP CONTAINED IN METAL CABINET 73"x27"x24" OA-150/FGC-5 TEL. REC. GROUP \$195. OA-151/FGC-5 TEL. TRANS. " \$195.

DELUXE CABINET RACK FOR 19" PANEL MOUNTING
 EIGHT (8) DRAWERS 7" HIGH, ONE (1) DRAWER 11-1/8" HIGH WITH FULL GLIDE SUSPENSION, DRAWERS & GLIDES CAN BE REMOVED FOR STRAIGHT RACK MTC RECESSED PANEL MOUNTINGS, ROUNDED CORNERS. OVERALL SIZE 73x27x24 IN. WT: 100 LBS. PRICE OF CABINET RACK ONLY AS DESCRIBED \$50. CABINET RACK W/2 DUAL BLOWERS 100CFM \$75.

PP-484/FGC-5 VOLTAGE REGULATED POWER SUPPLY
 OPERATES FROM 115/230 VOLT 50/60 CYCLE 1 PH. OUTPUT -115 VDC 100 MA 225 VDC 550 MA. 4/6.3 VAC 12 AMP. -6.3 V BIA WESTON 301 METERS 3 3/4" 0-10 VAC; 0-200 VDC & 0-500 VDC W/TUBES 2/3B28, 2/2050, 2/12AU7, 6Y6 & 5U4 ALSO 2 AC OUTLETS ON FRONT PANEL. SIZE: 19x11 1/2x20; WT: 150 LBS. \$39.95

CV-81/FGC-5 TELEGRAPH CODE CONVERTER TRANS.
 CIRCUITS FOR ACCEPTING & DETECTING START-STOP SIGNALS FROM 1 CIRCUIT STORING THE FIVE ELEMENT CODE COMBINATIONS AND TRANSFERRING THE STORED SIGNALS TO POSITIONS ARE USED BY THE TRANS. SIG. DIST. IN THE MULTI. CIR. WESTON 3 3/4" METER 301 DC MA 100-0-100, 30 TUBES, 19/5663, 5/12AT7, 5/12AU7 & 1/3B23. VOLTAGE REQ. 6.3 VDC -115 VDC & 225 VDC. SIZE 19x7x13; WT: 23 LBS. \$16.95

TT-58/FGC-5 TRANSMITTER SIGNAL DISTRIBUTOR
 IMPULSE DRIVING AMP. CHAN. PULSE AMP. MATRIX CHAN. KEYING CIR. MIXER/OUTPUT SIG. AMP. AUTO START. 19/12AT7, 10/5663, SIMILAR 0-101 \$19.95

C-620/FGC-5 CONTROL MONITOR TRANS. GROUP
 AMPLIFIES SIGNALS FROM TRANS. SIG. DIST. COUPLES OUTPUT TO MULTIPLEX TRANS. CIR. NECESSARY CONTROLS, SWITCHES & LIGHTS TO DO THIS ALSO WESTON METERS 301, 3 3/4" 0-100 MA DC AND MULTIPLEX DRIVE FREQ. METER CALB. CYC PER. SEC. 60 & 75 WPM. 0-1 MA. DC. BASIC FS. W/ TUBES 5/6SN7, 2/6V6, VOLTAGE REQ. 6.3 VAC, -115 VDC & 225 VDC. W/SCHEMATIC. SIZE 19x7x13; WT: 23 LBS. \$18.00

J-101/FGC-5 SIGNAL DISTRIBUTOR DRIVE TRANSMITTER GROUP
 SUPPLIES TIMED DRIVING IMPULSES TO THE TRANSMITTER DISTRIBUTOR, CRYSTAL OSCILLATOR 101.25 KC IN OVEN, AMPLIFIER CIRCUIT USES TUBES 6/6SN7, 1/6SJ7, 7 POSITION SW. FOR FREQ. & FAC. SEL. VOLT. REQ. 6.3 AC. -115 & 225 VDC. 19x7x13; 15 LB. \$9.95

OS-11/FGC-5 SCOPE
 USED FOR MONITORING SIGNALS AND FOR TEST AND MAINTENANCE OF THE EQUIPMENT. HAS STANDARD OSCILLOSCOPE CONTROLS PLUS A TRIGGERED SWEEP CIRCUIT, 115 V 60 CYC. OPERATION, WITH 10 TUBES PLUS 3BP1 CR. PANEL SIZE 7x19; WT: 35 LBS. RE-NEW \$39.50

CV-94/FGC-5 TELGRAPH CODE CONVERTER, RECEIVING GRP.
 ACCEPTS THE SIGNAL CODE COMBINATION, MOMENTARILY STORES AND GENERATES THE PROPER SIGNAL TO BE SENT ON TO THE START-STOP CIRCUIT, INCLUDES 6 INPUT SIGNAL LAMPS, MONITOR SSELECTOR, OUTPUT JACKS FOR MONITOR SCOPE TRIGGER & PRINTER, 3 3/4" METER 100-0-100 MADC W/TUBES 9/12AU7, 3/12AT7 & 13/5663 & MERCURY RELAY. RACK MTG. 19x7x13; WT: 22 LB USED \$16.95

TT-64/FGC-5 RECEIVING SIGNAL DISTRIBUTOR:
 ACCEPTS THE AMPLIFIED MULTIPLEX SIGNAL FROM THE CONTROL MONITOR, DETECTS THE PATTERN, INVERTS TO NORMAL AND SENDS PROPER CODE COMBINATION TO CONVERTERS. W/ TUBES 12/12AU7, 4/12AT7, 10/5663, 2 PUSH SWITCH FOR IMPULSE & CHANNEL PHASING & MONITOR SELECTOR. RACK MTG. 19x7x13; 22 LBS. USED \$14.95

TELEPHONE

AN/FTC-14 TERMINAL TELEPHONE XMTG
 TWO (2) CHANNEL 2 WAY VOICE TYPE ORDER WIRE CHANNEL 300-1700 CYCLE FREQ. RANGE, SERVICE CHANNEL 2250-5000 CYCLE FREQ. RANGE. CONSISTS OF MAGNELOOP RECORDER #531, AUDIO AMPLIFIER PANEL, LINE AMP. & EQUALIZER VOLUME INDICATOR PANEL, AMP, SPEAKER HANDSET & HOLDER, POWER SUPPLY, PATCHING JACKS, AMP. & FILTER UNIT ETC. OPERATES FROM 115 V 50/60 CYCLE. CABINET SIZE 84"x22 1/2"x17; TAKES STD. 19" PANEL, FULL DOOR ON BACK, 38" DOOR ON FRONT. SHPG. WT: 250 LBS. PRICE: COMPLETE UNIT AS DESCRIBED \$175.00

AN/FTC-14 TERMINAL TELEPHONE RECEIVER
 TWO CHANNEL 2 WAY VOICE TYPE ORDER WIRE CHANNEL 300 TO 1700 CYCLE FREQ. RANGE FOR RECEIVING, SERVICE CHANNEL 2250 TO 5000 CYCLE FREQUENCY RANGE. WITH PRESTO RECORDER & PLAYBACK EQUIPMENT, VOLUME INDICATOR PANEL W/4" VU METER, AMPLIFIER & EQUALIZER CIRCUITS B1 CHANNEL SHIFT & MOD. AMPLIFIER, 1000 CYCLE OSCILLATOR, B2 VOGAD W/SENSITIVITY CONTROLS & 3 3/4" MA METER 0-15, TWO BANKS OF DUAL PATCH CORD STRIPS, USED IN CONJUNCTION WITH THE TRANSMITTING EQUIPMENT DESCRIBED ABOVE. OPERATES FROM 115 V 60 CYC. PRESTO RECORDER # A-935 USES 3/4" TAPE. SIZE: 84x22 1/2x17; 200 LB PRICE: USED \$195.00

C-621/FGC-5 CONTROL MONITOR RECEIVING GROUP.
 DECOUPLES AND AMPLIFIES SIGNAL WITH PROVISIONS FOR MONITORING W/SPEAKER & 3 3/4" METERS 0-100 MA. DC. & 0-1 MA MOVEMENT & SCALE 0-200 FOR READING MULTIPLEX DRIVE & WPM. W/TUBES 8/6SN7, 1/6SL7, 2/6V6 & 1/2B23. REQUIRES 225 VDC & 6.3 VAC. USED \$18.95

0-100/FGC-5 SIGNAL DISTRIBUTION DRIVE RECEIVING
 SUPPLIES DRIVING PULSES TO SIGNAL DISTRIBUTOR RECEIVING SECTION WHICH ARE CRYSTAL CONTROLLED FREQ. OF APPROX. 101.25 KC. W/ START-STOP INTERVAL, FOUR CHANNEL SELECTOR & 3 3/4" CORRECTION METER 5-0-5 0-1 MA MOVE. W/TUBES 12/12SN7 & 2/6SJ7 USED \$14.95

16 SEP 1967



Surplus Electronics



OUR 20th YEAR

MOBILE

RECEIVERS & TRANSMITTERS

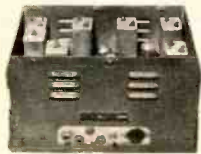
20 MC - 28 MC

BC-499 RECEIVER F.M 20-28 MC, 5 CHANNEL CRYSTAL CONTROL, FD 15 KC. WITH 11 TUBES 3/12SH7, 1/12SJ7, 2/12H6, 2/12A6, 1/12SL7GT & 2/12K8. WITH 14 VDC DYNAMOTOR OUTPUT 260 VDC 60 MA., AUDIO OUTPUT 500OHM & SQUELCH CIRCUIT. SIZE: 12x9x9; WT: 23 LBS. PRICE: RE-NEW \$18.95 CONNECTOR PLUG TO FIT UNIT ... \$1.50



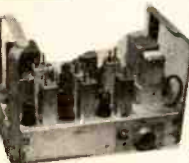
30 MC - 50 MC

LINK RECEIVER 30-50 MC FM TYPE 11-UF-ED-6. CRYSTAL CONTROL SINGLE CHANNEL, DUAL CONVERSION, SQUELCH CIRCUIT WITH TUBES 5/7AG7, 2/7A6, 1/7C7, 1/7F7, 1/7B5 & 1/7F7. VOLTAGES REQUIRED FOR FILAMENTES 6 VOLTS, HIGH VOLTAGE 250 VDC 60MA. SIZE: 7x13x9; WT: 22 LBS. PRICE: USED \$27.50 POWER & CONTROL PLUG \$1.00 ANTENNA PLUG \$1.00



30 MC - 50 MC

RCA F.M RECEIVER 30 - 50 MC SINGLE CHANNEL, CRYSTAL CONTROL, WITH TUBES 9/6SH7, 1/6SL7, 1/1635 & 2/6H6. AVAILABLE WITH 6 OR 12 VOLT VIBRATOR PACK. SIZE: 9x10x16; WT: 23 LBS. RCA#CV1B OR EQUIVALENT. PRICE: USED W/6 V. PACK \$29.95 W/12 V \$34.95



30 MC - 50 MC

RCA FLEETFONE 30 - 50 MC FM RECEIVER-TRANSMITTER. MODEL CMV-2E, 30 WATTS TRANSMITTER WITH TUBES 1/807, 3/6BH6, 1/5763, 1/12AU7, 2/6C4 & 1/6AK5. RECEIVER TUBES 1/6AK5, 8/6BH6, 2/12AX7 & 6AL5. CRYSTAL CONTROL, SINGLE CHANNEL, SQUELCH CIRCUIT. TRANS. W/ 12 VOLT DYNAMOTOR, REC. 12 VOLT VIBRATOR PACK. (USED) SIZE: 11x7x17; WT: 44 LBS. PRICE: \$39.95 USE!



152 - 172 MC

MOTOROLA HANDIE-TALKIE F.M. 152-172 MC. MODEL H-13-1A1 CRYSTAL CONTROL, ONE CHANNEL, WITH TUBES 8/1A04, 8/1A44 AND 1/1A1J5, REQUIRES DRY CELL BATTERIES FOR OPERATION. SIZE: 12x11x3; WT: 7 LBS. PRICE USED \$40.00



METERS

"S" UNITS DB METER 0-1 MOVE. SCALES 0-5 0-10 0-x30 SIZE: 1x1x1; #J-SR-2P \$1.95



RELATIVE POWER DB METER 0-1 MA. MOV SCALES 0-5 & 0-30; SIZE: 1x2; #J-715 \$1.95



SIMPSON METER PERCENT SCALE -10-0--10 100 MICROAMP MOVEMENT. CAN BE MOUNTED VERT. OR HORIZ. 5/8" x 2" SCALE. 3" DP. NEW #8439739 \$5.95



RELATIVE POWER DB METER 0-1 MA MOVE. 0-10 & 0-30 DB SCALE. SIZE 7/8 x 2" MTG. #J-V-303 2H \$1.95

ANALYZER



SYSTEM ANALYZER PEAK PRESSURE GAUGE - DENISON MODEL # 100 PORTABLE UNIT DESIGNED TO BE USED WITH A TRANSDUCER WITH A UNIFORM FREQ. RESPONSE TO 20 KC. TRANSDUCER EXCITATION IS SUPPLIED FROM A REGULATED DC SOURCE IN THE PEAK PRESSURE GAUGE. THE TWO RANGE PANEL METER READS DIRECTLY IN LBS. PER. SQ. INCH, INPUT FOR CONNECTING THE TRANSDUCER, OUTPUT TERMINALS FOR CONNECTING A RECORDER OR OTHER MEASURING EQUIP. HIGH-LOW RANGE AND BALANCE CONTROLS ARE ON THE FRONT PANEL. UNIT OPERATES FROM 115 VOLT 60 CYCLE AND INCLUDES A FEEDBACK DC DC AMPLIF. BAL. INPUT & CATHODE-FOLLOWER OUTPUT WHICH DRIVES A DIODE CAPACITOR PEAK HOLDING CIRCUIT. THE PANEL METER IS IN A BALANCED VACUUM-TUBE CIRCUIT THAT MEASURES THE CAPITOR VOLTAGE. W/ TUBES 1/12AX7, 2/6AU8A, 1/12AT7, 1/5Y3, 2/6AW8A & 2/6BQ7A. USED WITH TRANSDUCER HDD WHICH IS NOT SUPPLIED AND NOT AVAILABLE. SIZE: 9x6x10; WT: 21 LBS. PRICE: NEW \$39.95

CONTROL RECEIVER



R-127 RADIO CONTROL CONVERTING RECEIVER 162-174 MC F.M. 2 CHANNEL OUTPUT, BATTERY OPERATION, REQUIRED VOLTAGES 67, 45, 30, 1, 7, 7 & 10 WITH TUBES 2/959, 2/174, 2/3S 4, 1/1S5 & 1/958. 1 F 8.25MC CHASSIS AS PHOTO. W/SCHEMATIC SIZE: 12x7x8; WT: 12 LBS. RE-NEW \$19.50 CONNECTOR PLUG TO FIT UNIT..... 1.50

TRANSMITTER



GO-9 NAVY TRANSMITTER 100 WATT CW, MCW & PHONE, 300-600 Kc & 3.0 TO 18.1 MC. WITH TUBES 2/837, 1/843, 1/801, 2/803, 1/807, 2/1616 & 1/523, UNIT IS MADE IN THREE SECTIONS WITH THE LOW FREQ. SEC. TO THE LEFT, HIGH FREQ. TO THE RIGHT & POWER SUPPLY THAT OPERATES FROM 115 V 800 CYCLE IN THE CENTER. VOLTAGE ALSO REQ. 12 OR 24 V.DC. SEVEN METERS, 0-9 RF & 0-100 MA IN LOW SEC. 0-9 RF, 0-100 MA & 0-15 V IN HIGH SEC. & 0-15 V. & 0-300 MA IN P.S SEC. (CONVERSION INFORMATION FOR 115 V, 60 CYCLE CAN BE FOUND IN SURPLUS RADIO CONVERSION MANUAL #2 PRICE \$3.50) SIZE: 28x33x16; WT: 125 LBS. RE-NEW \$69.50

DIGITAL DISPLAY



DIGITAL DISPLAY ONE PLANE 3-3/16" NUMBERS 0 THRU 9 ON A 3x4" SCREEN, OPERATES FROM 6.3 VOLT. INDUSTRIAL ELECT. #80851 ILLUSTRATION 3 DISPLAYS. SIZE: 3x5x11; WT: 7 LBS. PRICE: USED \$9.95

MD-7 MODULATOR



MD-7/ARC-5 MODULATOR USED WITH ARC-5 AND COMMAND SERIES OF TRANSMITTERS USES 2 1625 TUBES IN PUSH-PULL. 1/12J5 AND 1/VR-105 CAPABLE OF 40 TO 60 WATTS ON VOICE DEPENDING ON VOLTAGE USED AND APPLICATION TO TRANSMITTER. W/TUBES SIZE: 10x6x9; WT: 12 LBS. PRICE : USED \$9.95

ECHO BOX



TS-238/TS-207 ECHO BOX WITH 200 DC MICROAMPERES METER 3" AND CRYSTAL ADAPTER FOR RF ENERGY. ECHO BOX IS A RESONANT-CAVITY DEVICE DESIGNED TO SIMPLIFY THE TUNING AND CHECKING OF RADAR BY PROVIDING A ARTIFICIAL OR "PHANTOM TARGET WHICH MAY BE USED IN TUNING THE RECEIVER TO THE TRANSMITTER IF NO REAL TARGETS ARE AVAIL. PROVIDES A CLEAR, STEADY ECHO OF KNOWN CHARACTERISTICS WHEN SUCH AN ECH IS NOT OBTAINABLE FROM NEAR BY GROUND TARGETS.) REQUIRES UG-21 COAX. CONN. SIZE: 11x15x7; WT: 15 LBS. PRICE: RE-NEW \$15.00 UG-21 COAXIAL CONNECTOR FOR ABOVE UNIT. 75¢

OSCILLOSCOPE



TS-149/TRC-6 OSCILLOSCOPE USED FOR VIEWING AND ADJUSTING THE PULSE CIRCUITS IN THE TRC-6 MULTIPLEX UNIT. OPERATES FROM 115 V 50/60CY WITH TUBES 3BP1, 3/6AK5, 2/6V6GT, 4/12L8GT, 1/VR-105, 1/2X2 & 1 5R4GY. CONTROLS FOR HORIZ./FOCUS/INTENSITY/ADJ. TIMING/ADJ. AMP./ATTENUATOR/SYNC. INT. EXT. TIMING ON/OFF SW/UG-23 COAX. RECPT. FOR VERT. OUTPUT. FOR USE OF PROBE & CONN. FOR EXT. SYNC. W/SCHEMATIC ILLUSTRATION IS SHOWN LESS COVER. AC CONN. \$1.50 SIZE: 17x14x10; WT: 40 LBS. USED \$24.95

INDICATOR



ML-117 INDICATOR, WIND DIRECTION AND SPEED. UNLIMITED WIND SPEED RANGE INDICATED BY ONE LIGHT, 0-360 DEG. WIND DIRECTION RANGE INDICATED BY 8 LIGHTS, FLASHING LIGHTS OR BUZZER INDICATORS, INTERRUPTED CURRENT ACTUATED, 110 V 60CY OR 6.8 VDC. (THIS IS ONLY THE INDICATOR, REQUIRES OTHER PARTS FOR OPERATION) FREIZ ITEM #18-1475. SIZE: 9x4; WT: 24 LBS. PRICE: RE-NEW \$12.95

FAIR RADIO SALES CO., Box 1105, 1016 East Eureka, LIMA, OHIO 45802

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FALL - WINTER '67

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MONDAY THRU SATURDAY

TERMS

PRICES NET, F.O.B. LIMA, O.
SEND CASH, CHECK or MONEY
ORDER with PURCHASE ORDER

MINIMUM ORDER \$3.00. Orders
less than \$3.00 ADD \$.50
HANDLING CHARGE.
Include sufficient money
for shipping charges. (UNUSED
PAYMENTS RETURNED AT ONCE.)
Otherwise we will send ship-
ping charges collect.

C.O.D. ORDERS, SEND 25% of
PURCHASE WITH ORDER. BALANCE
will be COLLECTED UPON DELI-
very.

When writing for information
PLEASE state what specific
information you desire.

SIMPSON 3 1/2" RD.
AMPERE METER
0-150 VOLTS AC
#00317-4
\$5.95

GENERAL ELECTRIC

0-15 VAC A0-22 3 1/2" RD \$3.95
0-150 VDC D0-41 3 1/2" RD 3.95

0-80 VDC RX37 4x4 1/2" SO \$5.95
0-200 " D0-41 3 1/2" RD 3.95

0-5 RFA D0-44 3 1/2" RD 3.95
0-20 " " " " " " " "

0-1.5 KILV D0-41 3 1/2" RD 3.95
(0-1 DC MA MOVEMENT)

WESTERN ELECTRIC

0-50 DC MICROAMPS. 3 1/2" RD.
WE#167867 \$4.95
0-200 DC MICROAMPS. 3 1/2" RD.
WE#167807 \$4.95

0-100 VOLTS DC 3 1/2" RD.
WE# 168562 \$3.95



VOLTMETERS

- 0-150 AC Round flush type for 2-1/8" hole, Bakelite case. Westinghouse type NA-33, 25 to 125 cycles. Signal Corps No. 3F8150-69 6.25
- 0-300 AC 3" round flush type, bakelite case, Simpson and General Electric Mfg. Signal Corps No. 3F8300-28 7.50
- 0-15 AC-DC Voltmeter 2 1/2" RD. USED No. IS-122 2.95
- 0-30 DC Round flush type, for 2 1/2" hole. General Electric Mfg. Model 85W53AAL. Stock No. 2DA7 5.75
- 0-300 DC Round flush type, bakelite case, shielded, for 2 1/2" hole. Sun Mfg. Model 2AU346. Stock No. 159E-12 5.75

MILLIAMMETERS

- 50-0-50 DC 3" round flush type, bakelite case. Sangamo and Weston model 301. Signal Corps No. 3F3327 6.25
- 0-100 DC 3" round flush type, bakelite case. De-Jur model 310. Signal Corps No. 3F910-1 6.95
- 0-800 DC 3" round flush type, bakelite case, calib. for 1/8" steel panel. Signal Corps No. 3F980-2 6.95

R.F. METERS

- 0-10 AMPS 2-3/4" flange, for 2 1/2" hole, bakelite case. Weston model 507, Signal Corps No. 3F1010-24 5.95
- 0-1 AMPS 3" round flush type, bakelite case, Triplett model 0341-T or Weston model 425. Signal Corps No. 3F1001-31 6.25
- 0-100 MA For 2-1/8" hole, metal case. Calib. for 1/16" steel panel, with Thermocouple. General Electric model AAN21, type DW-52. Signal Corps No. 3F912 5.50

AMMETERS

- 0-30 DC 3" round surface mounting. Roller-Smith type TDS. Signal Corps No. 3F1030-9 6.95
- 0-30 DC 2" round flush type, metal case. Hoyt Meter Co. No. H17-3, scale has marking for 12 volt and 6 volt. Signal Corps No. 3F1030-22 5.50
- 0-1.5 DC Milliamp. Tube checker scale 2 1/2" flush mtg. P/O I-56A W.No. 685-2 2.95

R.F. AMPERES 0-4 SCALE W/ THERMOCOUPLE. 2 1/2"x3 1/2", PANEL OR PORTABLE IN/OUT CIRCUIT SWITCH. WESTON LTD#10A/12667 \$3.95	DC AMPERES 3 1/2" 0-300 SCL USE W/SHUNT 50 MV/200 A WESTON-M-643 ORD#173030 \$6.95	R.F. AMPERES 0-6 SCALE GE TYPE DW44 SC IS-182 2 1/2" RD. \$3.95	500 MICROAMPS. D.C. RES. 300 OHM DC. 1 1/2" sq. 1-3/8" MTG. DEJUR MOD. 112 STK#3F3312-6.6 \$4.95

VOLTMETER 2 1/2" 0-15 AC-DC IS-122 \$2.95	DC VOLTS 2 1/2" 0-500 SCL BASIC FS 500V RUGGEDIZED ALUMINUM PAN- EL ASSY. BURLINGTON STK#3F8C10-33 IS-89 \$2.95	MICROMHOS DYNAMIC MUTU- AL CONDUCTANCE USED IN I-177 TUBE CHECKER BASIC 0-1.4 MA. HICKOK#M547A STK#3F1350 \$4.95	DC MILLIAMPER 2-3/4" 0-15 0-300 SCALE USED IN I-177 0-300 SCALE USE EXT. SHUNT .35 OHM USED W/BC-669 VARIOUS MFG. STK#3F930-14 \$4.95

MARION ELEC. POWER SET -DBM x -6 -0-3x #HS2285 2 1/2" RD. \$2.95	GAR ELEC. F.S. = 100 UA SCALE 1-3/3- 10 & %MOD-5-50 2 1/2" RUGGEDIZE GAR MODEL 260 \$4.95	PERCENTAGE MODULATION 10-0-10 ROLLER-SM. ES-100 UA 3 1/2" #49470 \$3.95	50 MICROAMP. 0-5 SCALE 1 1/2" SINGLE HOLE MOUNTING INTERNATIONAL #420-63-0251 \$4.95

BURLINGTON MODEL 311 HUG 900305 1 1/2", 0-5sc FS-50 UA #6625-519- 2955 \$2.95	TUNING METER 2" TUNE FOR MAX. SCALE. 2 MA. RIGHT, 5 MA. LEFT, 5 OHM DC RES. USED IN RADIO COMPASS REC. #1-70 \$1.50	DC MICROAMPERE 0-200 SCALE TRIPOLET 2 1/2" #MR25W200DCUA MODEL 221 T \$3.95	ANTENNA CURRENT INDICATOR 0-10 RF W/ THERMOCOUPLE WESTON 507 F/BC-442 USED \$1.25

SIMPSON DC GALVANOMETER 3" SCALE 50-0-50 FS-500-0-500 MICROAMP. #24044 \$8.95	SIMPSON/TRIPOLET MILLIAMPER D.C 0-1 SCALE & MOVEMENT. 2 1/2" sq. #455-105 \$4.95	GE AC AMMETER 0-125 SCALE 0-1 A 400 CYCLE MOVE. 2 1/2" sq #2319-6625-649-1982 N \$3.95	SIMPSON MODEL 55 3 1/2" RD. SCALE 0-150 VOLT 60 CYCLE PRICE: \$4.95

MARION D.C. VOLTMETER 2 1/2" RD SEALED, 18-36 SCALE DIRECT #HS-2/414A NEW \$3.95	WESTON A.C. VOLTMETER 2 1/2" RD RUGGEDIZED, 0-300 SCALE DIR READ. #1526 3F8300-72 \$5.95	WEST. STYLE 1207007 3 1/2" RD SCALE 0-500 DC MILL FS-1MA USN#CAY22067/NX-35 \$3.95	WEST. STYLE 1207009 3 1/2" RD SCALE 0-400 DC VOLTS FS-1M USN#CAY22143/NX-35 \$3.95

WESTON MODEL 506 2 1/2" RD. 0-1 AC AMPS. \$3.95 0-20/0-100 DCMA 3.95 0-500 VDC 3.95 0-5 DCKV FS-1 MA. 3.95	STARK MODEL 47M 3 1/2" sq. 0-150 VOLT 50/60 CYC \$3.95	WEST. STYLE PH68283 3 1/2" RD TOTAL HOURS IN THDS-HDS- TENS-TENTHS-UNITS 11 VOLTS 60 CYCLE USN#CAY22148/NH35 PRICE: \$12.95	GE MODEL A5A2 3 1/2" SQ 0-1 DC MILLIAMP. SCALE 0-1 MOVE. TYPE D071 \$4.95

WESTINGHOUSE

WESTINGHOUSE NX-35
0-1500 D.C. AMPS.
FS-50 MV. REQ. 1500
AMP. 50 MV SHUNT.
3 1/2" \$3.95

D.C. MILLIAMMETERS
TYPE NX-35 3 1/2" RD.
0-50 0-100 0-250
PRICE: \$3.95 EACH

0-15 VAC NA-35 3" sq. \$3.95

0-15 R.F. NX-35 3 1/2" RD \$3.95

0-1 MA MOVEMENT NX-35 3 1/2" RD
0-2 KILOVOLT DC SCALE
0-20 " DC " "
REQUIRE EXTERNAL SHUNTS
PRICE: \$3.95 EACH.

D.C. AMPERE METER
0-150 SCALE, 0-15
MA. MOVEMENT SHUNT
REQUIRD. 2 1/2" WEST
#12058528 \$1.95

INTERNATIONAL
SCALE 0-5/25 FS-
200 UA, 1 1/2" HOLE
MTG. MARK Y'S X
1000 \$2.95 NEW
#6625-519-7432

HOYT D.C. AMPERE
METER 0-15 SCALE
MIRRORED TYPE IN
PORTABLE METAL
CASE WITH TEST
LEADS. 5 1/2"x6 1/2"x2 1/2"
WT: 3LB.
#17A5200 \$3.95

MULTIMETER USED
TO TEST AIRCRAFT
CIRCUITS. FULL-
SCALE 100 uA.
1100 OHMS ±10%
4x4 1/2"x5 WT. 3 LBS.
USAF-5200-474900 \$4.95

MICROAMPERES
METER & CASE
500-0-500 3 1/2"
WESTON 301-57
CASE SLOPING
PANEL 4x4x4
TEST LEAD CONN
ECTORS ON TOP.
2 LB. \$7.95

WESTON MODEL 506 2 1/2" RD.
0-1 AC AMPS. \$3.95
0-20/0-100 DCMA 3.95
0-500 VDC 3.95
0-5 DCKV FS-1 MA. 3.95

STARK MODEL 47M 3 1/2" sq.
0-150 VOLT 50/60 CYC
\$3.95

WESTON PANEL METERS

MODEL 301 A.C VOLTS 3 1/2" RD
0-400 0-500 0-15/150
\$6.95 EACH

MODEL 301 D.C VOLTS 3 1/2" RD
0-300 0-350 0-500 0-250
\$6.95 EACH

MODEL 301 D.C VOLTS 3 1/2" RD
15-0-15 300-0-300
\$6.95 EACH

MODEL 301 D.C AMPS. 3 1/2" RD
0-3 0-4 0-5 0-10
\$6.95 EACH

MODEL 301 D.C M.A 3 1/2" RD
0-50 0-70 0-100 0-150
0-200 0-250 PRICE: \$6.95

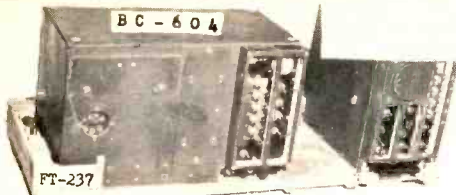
MODEL 301 3 1/2" RD SHUNT REQ.
20,000 OHMS PER VOLT VDC
100/20-0-100/20
200/20-0-200/20 \$6.95
10-0-10 EACH

2000 OHMS PER VOLT
300-0-300 VDC 0-10/100 VDC
0-10 VAC 0-25 VAC 0-500 VAC

FM

TRANSMITTERS-RECEIVERS

AM



BC-604 TRANSMITTER

FREQ. RANGE 20-27.9 MC OUTPUT APPROX. 30 WATT. 10 CRYSTAL CONTROLLED CHANNELS. FREQ. 54 TIME CRYSTAL FREQUENCY. 12 VOLT DC OPERATION WITH DM-35 DYNAMOTOR. 24 VOLT DC OPERATION WITH DM-37 DYNAMOTOR. BATTERY DRAIN 20A. ON 12 VOLT TUBE LINEUP; 1619 DOUBLER, 1619 TRIPLER, 1619 1ST RF AMPLIFIER, 1619 RF RECTIFIER, 1624 POWER AMPLIFIER. SIZE: 18" L x 11 1/2" H x 10 3/8" D. WT: 60 LBS. LESS DYNAMOTOR. RE-NEW \$7.95

BC-684 TRANSMITTER

SAME AS BC-604 FREQUENCY RANGE 27 TO 39.1 MC USED \$6.95



BC-603 RECEIVER

BC-603 RECEIVER F.M 20-27.9 MC CONTINUOUS TUNING & 10 PRESET PUSH BUTTON CHANNEL SELECTOR. WITH SENSITIVITY SQUELCH & VOLUME CONTROLS, 2 WATT OUTPUT TO SELF CONTAINED SPEAKER, ONE (1) MICROVOLT SENSITIVITY, 2.65 KC I.F. 10 TUBES 3/6AC7, 1/6J5, 2/12SG7, 2/6SL7, 1/6H6 & 1/6V6GT. VOLTAGE REQUIRED 12/24 VOLTS FOR FILAMENTS. 220 VDC @ 80 MA. FOR HIGH VOLT SIZE 11 1/2 x 6 1/2 x 12 1/2; WT: 35 LBS. USED \$32.95

CONVERTED TO 30-45 MC \$44.95

AC POWER SUPPLY FOR BC-603 TRANSFORMER TYPE PLUGS INTO SAME PLACE AS DYNAMOTOR, NO CONVERSION REQUIRED ACCEPT ADDING SWITCH, W/INSTRUC WIRED 14.95 KIT OF PARTS \$10.00 DM-34 DYNAMOTOR FOR 12 VOLT D.C OPER. N \$4.95 DM-36 " " 24 " " " " N \$4.95

FT-237 MOUNTING BASE

RE-NEW \$7.95

SHOCK MOUNT BASE TO HOLD ONE BC-924 TRANSMITTER AND ONE OR TWO BC-923 RECEIVER OR, ONE BC-603 RECEIVER. SOCKETS ON THE BASE WILL MAKE ALL OF THE NECESSARY CONNECTIONS TO THE SETS. TERMINAL BLOCK MOUNTED ON THE BASE FOR REMOTE CONTROL CABLE. WT: 44 LBS SIZE: 11 3/4" W x 1 3/4" H x 33 5/8" L.

IDENTIFICATION SET

RT-82/APX-6 RADAR IDENTIFICATION SET RECEIVER-TRANSMITTER COVERING RANGE OF 950-1150 MC. IF FREQ. 59.5/1.5 MC. (CAN BE CONVERTED TO 1215 MC. (QST FEB. '61, SEPT. '60; 1296 MC. (QST JUNE '61). WITH (30) TUBES 5/6J6, 1/6AS6, 1/3E29, 3/6AL5, 1/5Y3, 2/3B24, 3/6AL5, 2/12AU7, 7/6AK5, 1/2C42, 1/2C46, 1/1B40, 1/1N-43, 1/1N-25. DIGIT COUNTERS ON TUNERS FOR TRANS-REC-LO FREQ. CONTROLS. VOLTAGE REQUIRED 24 AND 115 400/800 CYCLE. SIZE: 13x13x10; WT: 45 LBS. PRICE: USED WITH TUBES \$16.95

CRV-52233 TRANSMITTER FOR AIR REC. 25 WATT, PHONE, CW, MCW 3000-9050 KC BY USE OF PLUG-IN TUNING UNITS. W/TUBES 2/815, 2/6N7, 1/1625 & 1/VR150 COMES WITH TUNING UNITS FOR THE ABOVE RANGE IN THE SET. VOLTAGE REQ. 28 VDC & APPROX. 500VDC 250MA. 7x10x15 1/2; 50LB. U \$19.95

R-65/APN-9. LORAN RECEIVER INDICATOR AS USED IN AIRCRAFT AND BOATS. PROVIDES ACCURATE MEANS OF DETERMINING POSITION OF FIXED SHORT TRANSMITTING DIRECTION STATIONS WHEN OTHER MEANS ARE INEFFECTIVE. CONSISTS OF A RECEIVER OPERATING IN THE MARINE BAND WITH 3" CR TUBE INDICATOR FOR PRESENTATION OF THE RECEIVED SIGNALS. OPERATES FROM 24 VDC & 115 V 400-800 CYCLE W/TUBES, LENSE, CRYSTAL. SIZE: 9 1/2 x 12 1/2 x 30 1/2; WT: 40 LBS. USED \$69.50

R-114/VRC-4 RECEIVER AM CRYSTAL CONTROL ON FOUR CHANNELS IN THE 1.7 TO 8.7 MC BAND, ONE TUNEABLE BAND OF 190 TO 510 KC. IF FREQ. 525 KC. FOR PHONE AND CW USE. WITH TUBES 4/6SK7, 1/6K8, 2/6SQ7 & 1/6K6. VOLTAGE REQUIRED 6 V. FOR FIL. AND 220 VDC 80 MA. SIZE: 15 1/2 x 11 x 14 1/2; WT: 80 LBS. RE-NEW \$29.95

MP-28 MODULATOR & DYNAMOTOR FOR TA-12 TRANSMITTER. BLASS "B" OUTPUT 40 WATTS, WITH TUBES 2/807, 1/6N6 & 1/6N7. DYNAMOTOR 24VDC 14.8 A. OUTPUT 540 VDC 450 MA. SIZE: 12x12x12; WT: 30 LB MP-28 Mod. W/DYN. UNUSED \$19.95 " " LESS " " 10.95 TA-12 TRANSMITTER 40 WATT PHONE, CW & MCW FOUR CHANNEL 300-600 & 3000-7000 KC. VFO OSCILLATOR EACH CHANNEL HAS OWN OSC. USING 12SK7 & 807 FINAL 2/807 PUSH-PULL (SEE S.R CONV#2) U \$39.50



BC-659 RECEIVER-TRANSMITTER F.M, 27-38.9 MC. CRYSTAL CONTROL ON 2 PRESELECTED CHANNELS, USES FT-243 CRYSTALS, OUTPUT APPROX. 3 WATTS.

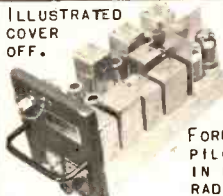
SELF CONTAINED SPEAKER, MIC & PHONE JACKS. W/TUBES 1/1LH4, 1/1LC6, 4/1L5, 2/1291, 4/1299, 1/1291, W/TUBES, SPEAKER & METER. REQUIRES PE-117 OR PE-120 POWER SUPPLY FOR OPERATION FROM 6/12 VOLT. SIZE: 15x13x7; WT: 30 LBS. PRICE: REC-TRANS. ONLY USED \$14.95 REC-TRANS. W/POWER SUP. " 18.95

PE-117 POWER SUPPLY ONLY USED 5.95 RN 7.95 PE-120 " " " " 5.95 RN 7.95 PE-97 " " " " 5.95 RN 7.95 CS-79 BATTERY CASE EMPTY " 1.00 RN 1.95

AN-45 TELESCOPING ANTENNA 8 FT. N 2.95



BC-788 RECEIVER-TRANSMITTER ALTIMETER, PULSE TYPE, TRANSMITTER OUTPUT 50 WATTS. FIXED FREQUENCY 440 MC. WITH TUBES 3/6J6, 1/6L6, 9/6AG5 AND 1/5Y3G1 OPERATES FROM 115 VOLT 400 TO 2400 CYCLE. SIZE: 15 1/2 x 9 x 8; WT: 13 LBS. PRICE: USED \$18.95



AIRBORNE EQUIPMENT DESIGNED TO RECEIVE RADIO SIGNALS TO DELIVER AURAL & VISUAL INDICATION OF THE RECEIVED SIGNAL TO THE PILOT OF THE AIRCRAFT IN WHICH IT IS INSTALLED. FORM THESE INDICATIONS THE PILOT CAN ACCURATELY CHECK IN RESPECT TO A PARTICULAR RADIO RANGE STATION. THE RECEIVED SIGNAL IS FIXED FREQ. 75 MC. A-M MODULATED AT 400, 1300 OR 3000 CPS. AND OPERATES FROM 24 VOLTS DC FOR FILAMENTS AND B VOLTAGE. COMPLETE WITH TUBES 5/6AU5, 2/6AL5W & 2/28D7. HAS CRYSTAL CONTROLLED OSCILLATOR WITH 6.9 MC., IF FREQ SIZE: 10x5x6; WT: 8 LBS. PRICE: USED \$4.95

R-48/TRC-8 RECEIVER

R-48/TRC-8 RECEIVER F.M 230 TO 250 MC. ONE BAND VARIABLE TUNING, SPEAKER PHONE JACKS, SQUELCH CIRCUIT. WITH TUBES 8/6AG7, 1/9002, 1/504, 1/6V6 1/VR-150, 1/6N7, 1/6SN7, 1/6AL7. OPERATES FROM 115 VOLT 60 CYCLE. SIZE: 20x19x16; WT: 75 LBS. PRICE: USED LESS METER \$32.95 WITH TUBES, LESS METER, LESS DIAL \$19.95

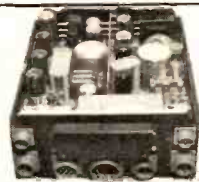
RT-18 ARC-1 AM TRANS.

AIRCRAFT RECEIVER-TRANSMITTER AM 100 TO 156 MC CRYSTAL CONTROLLED ON TEN PRESELECTED CHANNELS, 30 WATT CW & PHONE. WITH TUBES 18/6AK5, 2/6C4, 2/6V6 2/6J6, 2/12A6, 2/832, 12SL7 VOLTAGE REQUIRED 24 VDC & 360 VDC 135 MA. SIZE: 21 1/2 x 10 1/2 x 7 1/2; WT: 40 LBS. USED 10 CHANNEL.... \$49.50

COMPASS SYSTEM



REMOTE READING MAGNESYN COMPASS SYSTEM, AIRCRAFT TYPE. CONSISTS OF A MAGNESYN COMPASS THAT TRANSMITS TO A 3" INDICATOR THAT IS CALIBRATED IN DEGREES --- N-S-E-W AND IS OPERATED BY THE 12 VOLT D.C INVERTER THAT IS SUPPLIED WITH THE SET. SHPG. WT: 15 LBS. PRICE WITH TRANSMITTER, INDICATOR, INVERTER AND MANUAL... \$32.95



BC-645/ABA TRANSCEIVER, TRANSponder SET USED IN AIRCRAFT FOR FRIEND OR FOE IDENTIFICATION FOR USE IN THE 460 TO 490 MC. WITH 15 TUBES 4/7F7, 4/7H7 2/7E6, 2/6F6, 2/955, 1/W316 (THOUSANDS OF THESE SETS HAVE BEEN CONVERTED TO HAM BAND 420-450, MOBILE FIXED 450-460, CITIZENS 460-470, TV EXP. 470-500 SIZE: 6 1/2 x 11 x 14; WT: 20 LBS. PRICE: UNUSED \$16.95

BC-646 CONTROL BOX FOR ABOVE. \$1.95 MOUNTING FOR CONTROL BX. 1.00 MOUNTING FOR TRANSCEIVER 1.50 ANTENNA ASSEMBLIES FOR SET (2) 1.95 COMPLETE SET OF PLUGS \$4.95 INDIVIDUAL EA. \$1

CARRIER MONITOR

WHEN COUPLED TO TRANSMISSION LINE PROVIDES DC/AUDIO CURRENT TO LOCAL OR REMOTE POSITION. TWO VACUUM CAPACITORS 3 MMFD 15 KV. ARE SUPPLIED FOR 500 TO 50M WATT TRANSMITTER 2 TO 30 MC. INPUT/OUTPUT IMPEDANCE 600 OHM-LINE. OPERATES 115/230 V 60 CYC. WITH TUBES 1/6AL5, 1/6X4, 1/6J6, 1/V103. ALSO OUTPUT JACKS ETC. OUTPUT JACKS & CONTROLS. P/N 1028017; SIZE: 6x6 1/2 x 8; WT: 15 LBS. PRICE: UNUSED \$8.95 LESS 2 VACUUM COND. \$5.95

TELEPHONE REMOTE CONTROL

TELEPHONE REMOTE CONTROL UNIT WITH HANDSET. UNIT WAS INPUTS FOR TWO MIKES AND ONE RECEIVER, WITH CONNECTION AT TERMINAL BOARD FOR KEYSER. AUDIO OUTPUT 1.3 WATTS INTO 600 OHMS. MAY BE USED FOR INTERCOM. POWER REQUIREMENT 115 VOLTS 60, 25 CYC OR DC. TUBES 2/35L6, 35Z5. COMPLETE WITH SPARE PARTS 9x9x8. SPARE PARTS SET CONTAINS SPARE TUBES, CAPACITORS, RESISTORS, SWITCHES AND JACKS. INSTRUCTION MANUAL INCLUDED. SIZE: 13x12x11 1/2. WT. 55 LBS. NEW \$16.95 #CAY 23304 NEW \$16.95

T-30/TRC-8 TRANSMITTER

T-30/TRC-8 TRANSMITTER F.M 12 W. 230 TO 250 MC. CONTINUOUS TUNING, NOT CRYSTAL CONTROL, FREQ. DEV. 100 KC. OPERATES FROM 115/230 V. 50/60 CYC. USING PP-115/TRC-8 POWER SUPPLY. TRANSMITTER TUBES 3/829B, 1/6H6, 2/6SN7, PP-115/TRC8 2/5U4G TUBES. TRANS. SIZE: 24.95 USED W/TUBES \$39.95 LESS TUBES \$24.95 TM-11-618 MANUAL FOR TRC-8 REC. & TRANS. \$3

AM-26/AIC

AUDIO AMPLIFIER USED IN AIRCRAFT FOR INTER-COMMUNICATION. CARBON MICROPHONE INPUT, HIGH & LOW IMPEDANCE OUTPUT WITH VOLUME CONTROL. NORMALLY OPERATES FROM 24 VOLTS DC FOR FILAMENTS AND 250 VOLTS DC 60 MA. FOR B THAT WAS SUPPLIED BY A DM-32 DYNAMOTOR THAT WAS MOUNTED ON THE BACK. COMPLETE WITH TUBES 2/12J5 & 2/12A6. FOR CONVERSION TO 9 WATT AMPLIFIER SEE SUPPLUS CONVERSION MANUAL #2 PRICED AT \$3.00) SIZE: 9 1/2 x 5 1/2 x 5 1/2; WT: 6 1/2 LBS. USED \$3.95

ARC-5

COMMAND RECEIVERS—TRANSMITTERS

The COMMAND SET series of transmitters and receivers are the most popular surplus items on the market to-day.

The series consist of several units covering the frequency range of 190 KC to 9.1 MC for the receivers and 2.1 to 9.1 MC for the transmitters.



R-26/ARC-5 RECEIVER
3 TO 6 MC.
WITH C-131/AR
ELECTRIC OR MAN-
UAL CONTROL FOR
24 V.D.C. OPERAT.
WITH CONN. PLUG.
PRICE: GOV'T OVERHAUL.....\$24.95

The receivers are six tube superhets using the following tubes, 1/12A6, 2/12BY1, 3/12SK7 & 1/12SR7. Designed to operate from 24 VDC dynamotor, which mounted on the rear of the set, supplying 250 VDC 60 MA.
Size of set 5 x 5 x 11 WT. 6 lbs.

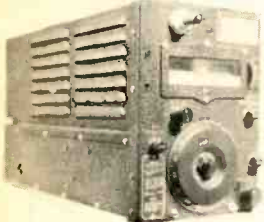


BC-453
USED
\$16.95

BC-453 190-550 KC WITH DYN. \$24.95
BC-454 3.0-6.0 MC WITH DYN. \$24.95
BC-455 6.0-9.1 " " 14.95
ABOVE RECEIVERS GOV'T RECONDITION
R-25/ARC-5 1.5-3.0 MC NEW \$22.95
R-28/ " 100-156 " USED 22.95

TRANSMITTERS

The transmitters with proper use can put out 50 watts or CW and watts on voice, with the use of the BC-456 modulator which is a separate unit. Dynamotor used with equipment is a DM-33 24 VDC input output 575 VDC 175 MA & mounts on the modulator. Tubes used 2/1625, 1/1626 & 1/1629 magic eye tube for crystal calibration
Size 5 x 7 x 12 WT. 9 Lbs



T-18/ARC 2.1 to 3.0 mc new \$12.95
used 9.95
BC-696 3.0-4.0 MC
GOV'T RE-CONDITIONED \$12.95
T-20/ARC 4.0 to 5.3 mc used 6.95
new 9.95
T-21/ARC 5.3 to 7.1 mc used 6.95
new 9.95
T-23/ARC 100 to 156 mc new 24.95
T-22/ARC-5 7-9.1 MC. UNUSED 18.95

BC-456 MODULATOR; FOR USE WITH COMMAND TRANSMITTERS WITH TUBES 1/1625, 1/12U5GT & 1/VR-150 VOLTAGE REGULATOR.
SIZE: 7x8x10; WT: 11 LBS. USED \$3.95

AC 115 VOLT 60 CYCLE POWER SUPPLY FOR COMMAND RECEIVERS WITH SPEAKER, VOLUME CONTROL, CW CONNECTOR PLUG ETC. (SEE PAGE 20) \$18.95

35x032 DYNAMOTOR 12 VOLT. \$ 4.95
DM-32 " 24 V. U. \$2.95 N 4.95
SP111 TUNING KNOB FOR REC. 1.00
CONNECTOR PLUGS F/REC-TRANS. 1.50

C-26/ARC CONTROL BOX 1 REC. U1.50
BC-496 " " 2 " N1.95
BC-451 " " 1 TRA. U1.50

BC-450 CONTROL BOX 3 RECEIVER 2.00

AMPLIFIER

AM203B/ARA-19 AMPLIFIER; PART OF REMOTE COMPASS TUNING SYSTEM AS USED WITH ARN-6 RADIO COMPASS. PROVIDES AN ACCURATE MEANS OF TUNING ELECTRICALLY. WITH 2/26A7 TUBES 1/12SN7 TUBE. OPERATES FROM 24 VOLT D.C. ALSO HAS 3 SEALED RELAYS, COND. RES. ETC. SIZE: 5x6 1/2 x 4 1/2; WT: 5 LBS. RE-NEW \$3.95



COMMUNICATION RECEIVER



BC 348

BC-348 AIR FORCE COMMUNICATION RECEIVER: A.M. SIX (6) BANDS 200 KC. TO 500 KC. & 1.5 MC. TO 18 MC. W/CRYSTAL PHASING, ANTENNA ALIGN, BEAT OSCILLATOR AND AUDIO GAIN CONTROLS, VERNIER AND SPEED TUNING, AVC & MVC, PHONE AND SPEAKER JACKS, LARGE ILLUMINATED DIAL, WITH TUBES 1/6 J7, 3/6K7, 1/6C5, 1/6K6, 1/6B8, 1/6F7. VOLTAGE REQUIRED 24 VOLTS AND 220 VDC & 70 MA.
SIZE: 18x10 1/2 x 9 1/2; WT: 40 LBS. (PRICES LESS DYN)

PRICE: USED LESS DYNAMOTOR \$69.50
" " " OPER. CHECKED 79.50
DM-28 DYNAMOTOR USED " " 4.95
FT-154 SHOCK MOUNTING FOR RECEIVER N 2.75
AC POWER SUPPLY WITH SPEAKER 115 VOLT 18.95
PL-103C PLUG FOR REAR OF RECEIVER 2.50

SEA RESCUE

AN/CRC-7 TRANSMITTER-RECEIVER VHF SEA RESCUE 140.58 MC., TWO-WAY COMMUNICATION VOICE OR M.C.W. (CONVERSION TO TWO METER CAN BE FOUND IN SURPLUS CONVERSION MANUAL #3 & SURPLUS SCHEMATICS HANDBOOK HAS SCHEMATIC, PRICE \$3.00 EA.) WITH 3/3A5, & 1/3Q4 TUBES. OPERATES FROM DRY CELL BATT. 1.3 VDC FOR FILAMENTS AND 97.5V FOR B VOLTAGE, HAS 3 PUSH BUTTONS FOR TONE, REC, AND TRANS. ONE ELEMENT IS USE FOR MIC AND PHONE, TELESCOPING ANTENNA. TRANSMITTER IS CRYSTAL CONTROLLED AND RECEIVER IS SUPER-REGENERATIVE.
SIZE: 15" LONG 2 1/2" DIA. WT: 4 LBS.
PRICE: USED.....\$14.95



AC BEACON RANGE RECEIVER



BC1206-C BEACON RECEIVER



BC-1206 AIRCRAFT BEACON RECEIVER 200 TO 400 KC. OPERATES FROM 24 VDC 1.5 AMPS., 135 KC IF. COMPLETE WITH TUBES 2/14H7, 1/14J7, 1/14R7 & 1/28D7. CONTINUOUS TUNING, VOLUME CONTROL, ON/OFF SW. & PHONE JACK. SIZE: 4x4x6 1/2. WT: 5 LBS. SHOWN TO RIGHT.

PRICE: UNUSED \$14.95 RECEIVER ONLY
AC BEACON RANGE RECEIVER IN CABINET WITH 115 VOLT 60 CYCLE POWER SUPPLY & 4" PM SPEAKER, READY TO OPERATE. SIZE: 10x6x6; WT: 18 LBS.
PRICE, COMPLETE WITH NEW CABINET & POWER SUPPLY AND UNUSED RECEIVER \$34.95....
SAME AS ABOVE, LESS RECEIVER.. \$19.95

POWER SUPPLY ONLY, 115 VOLT 60 CYCLE OPERATION OUTPUT 24 VOLTS DC 1.5 AMPS. MOUNTED ON METAL CHASSIS 6x5x7; WT: 5LBS. KIT...\$7.00 WIRED \$9.95



R-4/ARR-2 RECEIVER 234-258 MC DESIGNED FOR REMOTE CONTROL OPERATION, REQUIRES A MODULATEI SIGNAL IN THE RANGE OF 540-830 KC AND MAY BE SET AT ANY ONE OF SIX FREQ. RECEIVER CAN BE USED FOR BEAT NOTE HOMING OR FOR VOICE RECEPTION. WITH TUBES 1/12A6, 3/6AK5, 7/9001, VOLTAGE REQ. 24 VDC & 250 VDC 60 MA.
SAME SIZE AS COMMAND REC. "G" RE-COND \$11.95



MOUNTINGS- RACKS- FLEXIBLE SHAFTS
FT-234 ONE COMM. TRANS. RACK \$1.50
FT-226 TWO " " " 2.00
FT-220 THREE " RECEIVER " 2.00
FT-225 ONE " MODULATOR " 1.50
MC-215 FLEX. SHAFT F/COMM REC. 6 FT. \$1.50 MORE THAN 6' 25 EA. X STANDARD SAR SHOCKMOUNTING RACK
FT-167 5x19-5/8" 16-56 LB. 2.75
FT-171 10 1/2 x 19-5/8" 16-56 LB. 3.75

TRANSMITTERS - RECEIVERS

BC-230/430

BC-229/429



BC-230/430 TRANSMITTER

Transmitter approx. 10 watts Voice and 20 watts CW in the freq range of 3000 to 7700 KC by use of plug in coils. Uses tubes 2/10Y, 2/45. Output meter 2" 0 to 1.5 RF. MO control on front panel. Voltage required approx 300 VDC for plates & 12VDC for BC-230 & 24 VDC for BC-430. Size 13"x8"x 7". WT. 10 1/2 lbs.

Price with tubes, plug in coils & schematic, UNUSED \$8.95

BC-229/429 RECEIVER

Receiver TRF, uses plug in coils to cover the freq. range of 201 to 398 & 2500 to 7700 KC. Six tubes 1/37, 1/38, 4/39. Voltage required 220 VDC to 275 VDC 80 MA. & 12 VDC for BC-229 & 24VDC for BC-429. Size 16 x 8 x 7. WT 12 lbs.
Price with tubes,,plug in coils & schematic, used \$8.95

Control Box BC-231 F/ receiver or BC-232 F/ trans. each \$1.00
Connector plugs for rec, trans., dynamotor or boxes, " \$1.00
Schematic showing rec, trans, boxes etc. \$1.00
Tuning knob for Receiver local control \$1.00
Remote tuning head for receiver \$2.00
Remote tuning shaft for receiver, specify length \$1.50
Separate coils for receiver, specify freq. coverage \$1.75
Dual coil 201-398 & 2500-4700 or 4700-7700 each. \$1.75
Separate coils for transmitter, specify freq coverage. \$1.75
2500-3200, 3200-4000, 4000-5000, 5000-6200, 6200-7700.
Mountings for Rec., Trans. Dyn., Each mounting \$1.50

TRANS BC-191 SEE PAGE 25 FOR TUNING UNITS

TRANSMITTER AM 100 Watt CW - MCW - Voice, Frequency coverage 200 - 500 KC & 1500 - 12,500 KC. by use of plug in tuning units listed below.
Tube line up 1/10Y & 4/VT-4C (211). Complete with tubes, less tuning units. Requires 12VDC for BC-191 & 24 VDC for BC-375 filaments & relay. 1000 VDC 350 MA. plates. Meters 2" for reading 0-8 RF, 0-500 MA, & 0-15 DC. With schematics.



DYNAMOTORS BD-77/12 VOLT; USED \$12.95
PLUGS FOR TRANSMITTER OR DYNAMOTOR; EACH PLUG \$1.00
CABLES WITH PL-61, PL-64, PL-59....\$2.75

ANTENNA COUPLER



CU-168 ANTENNA COUPLER; PROVIDES MEANS FOR OPERATING FIVE RECEIVE FROM A SINGLE ANTENNA. THE INPL CIRCUIT TO WHICH THE ANTENNA IS CONNECTED IS DESIGNED FOR OPERATION FROM AN UNBALANCED LINE HAVING A NOMINAL IMPEDANCE OF 70 OHMS. THE OUTPUT TO THE RECEIVER IS ALSO 70 OHMS. COVERS THE FREQUENCY RANGE OF 2-32 MC. WITHOUT ANY TUNING OR ADJUSTMENT. EACH REC. COUPLING CIRCUIT HAS 4/12AU7 TUBES OF 20 TUBES IN ALL. POWER SUPPLY OPERATES FROM 115 V 50-400 CYCLE. RACK PANEL MOUNTING 19 X 8 1/2, 5U4 TUBE IS USED IN P.S., UG-21 COAXIAL CONNECTORS FOR INPUT CIRCUITS. SHPG. WT; 75 LBS. WITH TUBES UG-21 COAXIAL CONNECTORS, AND MANUAL.
PRICE: NEW \$29.95

DIRECTIONAL ANTENNA

AS-81/GR DIRECTIONAL ANTENNA SYSTEM; DESIGNED AS AN ADDITION TO COMMUNICATION RECEIVERS THIS SYSTEM PERMITS THE USE OF UNIDIRECTIONAL RECEPTION. TWO LOOP ANTENNAS FOR COVERING THE FREQ. OF 1.1 TO 4.2 MC AND ONE TELESCOPING WHIP ANT. THE UNIT ALSO HAS ONE TUBE TUNEABLE SENSING CIRCUIT USING A 12U5 TUBE AND OPERATES FROM A 12 VOLT VIBRATOR POWER PACK THAT IS SUPPLIED THE COMPLETE UNIT AS DESCRIBED IS CONTAINED IN A CARRYING CHEST 15x14x20 1/2 WITH CABLES AND MANUAL. SHPG. WT: 75 LBS.
RENEW \$19.95



SCR-522 RADIO SET

100-156 MC

RECEIVER-TRANSMITTER AM, FOUR CHANNEL, CRYSTAL CONTROL, 30 WATT OUTPUT, 18 TUBES AS FOLLOWS: TRANSMITTER, 1/6SS7, 2/832, 3/12A6, 1/6G6, RECEIVER: 1/9002, 1/9003, 3/12A6, 1/12C6, 2/12AH7, 1/12H6 & 3/12SG7. BOTH UNITS CAN BE REMOVED FROM CASE SEPARATELY. OVERALL SIZE: 16 1/2 x 12 1/2 x 10-3/4" WT: 49 LBS. PRICE: USED \$39.95



RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE: USED WITH TUBES \$14.95 NO TUBES

RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED, WITH TUBES \$14.95 NO TUBES \$7.95

TRANSMITTER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED WITH TUBES \$18.95 NO TUBES \$7.95

BC-602 CHANNEL SELECTOR CONTROL BOX WITH PUSH BUTTONS. BC-602B USED \$1.95 BC-602D NEW \$2.95

NOTE: FOR THE MICROPHONE & PHONE CIRCUITS JACKS CAN BE INSTALLED IN THE BC-602

JB-29 JUNCTION BOX NEW \$2.95
AN-104 ANTENNA, METAL COVERED WOOD NEW 1.95
PE-98 DYNAMOTOR 12 VOLT USED 9.95
PE-94 " 24 " " 4.95

PLUGS REQUIRED FOR THE EQUIPMENT

SCR-522 RECEIVER-TRANSMITTER REQUIRES THE FOLLOWING PLUGS, PL-173 TO ANTENNA PL-169 TO DYNAMOTOR, PL-170 TO JB-29 JUNCTION BOX. \$1.50 EACH

BC-602 CONTROL BOX, REQUIRES FOLLOWING PLUGS, PL-169 TO JUNCTION BOX. \$1.50 EA.

PE-98 OR PE-94 DYNAMOTOR REQUIRES FOLLOWING PLUGS, PL-172 TO BATTERY, PL-171 TO RECEIVER-TRANSMITTER. \$1.50 EA.

JB-29 JUNCTION BOX, REQUIRES THE FOLLOWING PLUGS, PL-170 TO RECEIVER-TRANSMITTER PL-169 TO BC-602 CONTROL BOX. \$1.50 EA.

RA-62 AC POWER SUPPLY FOR SCR-522, OPERATES FROM 115/230 VOLTS 60 CYCLE, SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION. SIZE: 16x11x11; WT: 75 LBS. PRICE USED \$59.50 REQUIRES PL-171 PLUG FOR HOOK-UP TO REC-TRANS PRICE \$1.50. AC LINE CORD DETACABLE TYPE \$1.01

BC-733 RECEIVER 108.3-110.3 MC AM

AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-POINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY. OPERATES ON SIX CRYSTAL CONTROL PRESET FREQ. COMPLETE WITH TEN TUBES: 1/12AH7, 2/12SG7, 3/717, 2/12SR7, 1/12SQ7 & 1/12A6. VOLTAGE REQUIRED; 24 VDC & 220 VDC 80 MA. WITH SCHEMATIC. SIZE: 13x5x7 WT: 17 LBS.

PRICE: USED \$5.95

I-101C CROSS POINT INDICATOR, USED \$1.95
PL-257 PLUG TO FIT I-101C 1.50

BC-732 CONTROL BOX USED \$1.95 NEW \$2.95
CABLE WITH PL-254 TO FIT BC-733 REC. AND PL-256 PLUG TO FIT BC-732 CONTROL BOX 3 FT. PRICE: \$4.95 PLUGS ONLY 1.50

DM-53 DYNAMOTOR 24 VOLT USED \$4.95 NEW \$6.95
DM-53 AZ " 12 " NEW 7.95
AS-27 RAMS HORN ANTENNA \$5.95
PL-284 TWIN COAX PLUG F/BC-733-AS-27 1.00

ATD TRANSMITTER

NAVY AID TRANSMITTER 540 KC TO 9050 KC 50 WATT VOICE-MCW-CW AM WITH TUBES 1/814, 4/6L6GA & VOLTAGE REGULATOR, THREE 2 1/2" METERS FOR RF, MA & VOLTS, 24 VOLT DYNAMOTOR

OUTPUT 1000 VDC 150 MA, 380 VDC 400 MA & 28VDC 5 AMPS. PLUG-IN TUNING UNITS SUPPLIED WITH SET 1/540-1500, 1/1500-3000 & 2/3000-9050 KC. FOUR CHANNEL SELECTION FROM SET OR REMOTE. LOCAL OR REMOTE CONTROL, MIC, PHONE & KEY JACK COMPLETE WITH DYNAMOTOR, REMOTE CONTROL UNIT, ANTENNA LOADING UNIT & PLUGS. SIZE: 24x10x13 1/2; WT: 70 LBS. (TRANS) TOT. 135 LB. PRICE: UNUSED \$69.95

ARC-3 100-156 MC

R-77/ARC-3 VHF AIRCRAFT TYPE AM RECEIVER, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 9001, 9002, 12A6, 12H6, 12SH7, 12SL7, 2/12SN7, 3/12SG7 & 6/6AK5. VOLTAGE REQUIRED 24 VDC & 210 VDC 125 MA. SIZE: 11x7x15. WT: 21 LBS. W/SCHEMATIC PRICE: RE-NEW WITH TUBES... \$29.95

CONNECTOR FRONT OF SET \$2.50

T-67/ARC-3 VHF AIRCRAFT TYPE TRANSMITTER AM, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE, WITH TUBES 2/832, 2/6L6, 1/6J5, 3/6V6 & 1/12SH7. VOLTAGE REQUIRED 24 VDC & 410 VDC 325 MA. SIZE: 15x7x12 1/2. WT: 21 LBS. PRICE: RE-NEW WITH TUBES... \$29.50



JB-68 JUNCTION BOX FOR ARC-3 RADIO SET USED TO MOUNT DYNAMOTORS DY-22 FOR REC & DY-21 FOR TRANS. ALSO HAS CONNECTOR PLUGS TO HOOK UP REC, TRANS, CONTROL BOX & POWER, & RELAYS. SIZE: 10 1/2 x 3 x 8 1/2. WT: 7 LBS. PRICE USED... \$7.95

CONNECTOR PLUG FOR EACH FACILITY \$2.50 EACH

C-118/ARC-3 CONTROL BOX FOR RECEIVER AND TRANSMITTER. HAS EIGHT PUSH BUTTONS FOR CHANNEL SELECTION AND ONE FOR OFF. SIZE: 6x3x7 WT: 2 LBS. PRICE: \$4.95
CONNECTOR PLUG U-16/U 2.50

IE-36 TEST SET FOR SCR-522 REPRODUCES THE OPERATING FUNCTIONS OF THE CONTROL BOX & JACK BOXES OF THE RADIO BY PROVIDING HEADPHONE & MICROPHONE NECESSARY TO OPERATION AND TESTING.

CONTROL UNIT BC-1303 PLUGS DIRECTLY INTO THE SCR-522 ALSO HAS PHANTOM ANTENNA & CORD, LAMP EXTRACTOR, ADAPTER PHONE CORD, INSTRUCTION BOOK AND CARRYING CASE, 10x10x4; WT: 8 LBS. PRICE: NEW \$6.95

SCR-522 CABLES WITH PLUG ON ONE END AND LUG TERMINALS ON THE OTHER. EACH CABLE \$2.95
CX-58/VRC-1 PLQ-170 PLUG & LUGS, 36" LONG.
CX-60/VRC-1 PL-169 " " " 36" " "
CX-62/VRC-1 PL-172 " " " 66" "

TRANSCIEVER

BC-745 AM TRANSMITTER-RECEIVER COVERING THE FREQ. RANGE OF 2-6 MC PHONE, WITH A RANGE OF FIVE MILES UNDER FAVORABLE CONDITIONS. CRYSTAL CONTROL ON TWO PRESELECTED FREQ. BY USE OF PLUG IN COIL & CRYSTAL ASSY. BC-746. THE SET SIZE IS 6x6x6 AND IS MOUNTED ON A 32" STAFF AND HOUSES THE TELESCOPING ANTENNA WHEN NOT IN USE. COMPLETE WITH TUBES, 1/1S5, 3/1T4 & 5/3S4 & ONE PLUG IN FREQ. ASSY. VOLTAGE REQUIRED 1.5 VDC/5 MA, 67.5 VDC/20 MA & 105-125 VDC/50 MA. WT: 10 LB. PRICE: USED, \$14.95 UNUSED \$19.95



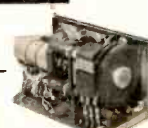
BC-746 PLUG IN COILS & CRYSTAL ASSEMBLIES CHANNEL #1 3010 Kc CHANNEL #2 5030 Kc CHANNEL #3 5500 Kc CHANNEL #4 5305 Kc ONE OF THE ABOVE SUPPLIED WITH PURCHASE OF SET, ADDITIONAL UNITS \$1.95 EA.

T-39 CHEST UNIT THAT WAS USED TO CARRY DRY CELL BATTERIES, ALSO HAS MICROPHONE, PHONE JACK AND NECESSARY CABLE FOR CONNECTING TO RADIO SET. PRICE: USED, \$3.95 UNUSED \$5.95

PE-157 VIBRATOR POWER SUPPLY; OPERATES FROM 2 VOLT WET BATTERY BB-54 WHICH IS INSTALLED INSIDE THE CASE THAT SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION OF THE RADIO SET ALSO HAS 4" PM SPEAKER, CARRYING HANDLE AND CABLE FOR CONNECTING TO SET. SIZE: 11 1/2 x 5 x 8 1/2 WT 17 PRICE: USED NO SPEAKER \$10.95 \$12.95

AUTOMATIC KEYS

KY-65/ARA-26 AUTOMATIC KEYS MOTOR OPERATED 24 VDC, SOS CODE WHEEL AND EXTRA WHEEL FOR ADDING ADDITIONAL CODE, ADJUSTABLE 5-30 SEC. 3/24 VDC RELAYS GEAR TRAIN RES. ETC. SIZE 6 1/2 x 3 x 4; WT: 4 LBS. \$3.95
CONNECTOR PLUGS 3 REQ. 1.50 EACH.



COMPASS RECEIVER

AN/ARN-7 RADIO COMPASS RECEIVER 100 TO 1750 KC USED FOR AIRCRAFT DIRECTION FINDING BUT CAN ALSO BE USED ON BOATS. THE RECEIVER IS A SUPERHETERODYNE WITH ADDITIONAL CIRCUITS FOR OPERATION OF THE AURAL RECEPTION AS SHOWN ON THE INDICATORS. COVERS THE FREQUENCY RANGE OF 100 TO 1750 KC IN FOUR BANDS CONTINUOUS TUNING FROM CONTROL BOX WHICH IS A SEPARATE UNIT. UNIT OPERATES FROM 115 VOLT 400 CYC & 24 VDC AND IS COMPLETE WITH TUBES 4/6K7, 1/6L7, 1/6J5, 2/6B8, 2/6F6, 1/6N7, 1/5Z4, 1/6SC7 & 2/2051. SIZE: 12x8x19; WT 45 LBS.

R-5/ARN-7 RECEIVER ONLY, USED \$18.95

ITEMS LISTED BELOW ARE REQUIRED FOR ADF OPER.

- C-4/ARN-7 CONTROL BOX USED \$3.95 NEW \$5.95
- I-81A INDICATOR 3" USED \$3.95 RENEW 4.95
- I-82A " 5" USED 7.95
- LP-21 AM LOOP ANTENNA " 9.95
- FT-224 MOUNTING F/C-4CB " 1.50
- MG-149F INVERTER " 24.95
- MC-203 SHAFT COUPLING "T" " 1.00
- MC-136 SHAFT " RT/ANGLE 2.50
- BK-22 RELAY JUNCTION BOX " 2.95
- MC-124 FLEXIBLE SHAFT 2 FT. 1.50
- CD-365 CABLE FOR LOOP 5 FT. 2.75
- PL-122 CONNECTOR PLUG FOR RECEIVER 2.50
- PL-112 " " " LOOP 2.50
- PL-118 " " " I-81 OR I-82 2.50

RECEIVERS

- RAL-6 RECEIVER W/P.S. 3 TO 23 MC. USED \$40.00
- BC-312 " 12vdc 1.5-18 MC. USED 65.00
- BC-342 " 115v/60cyc 1.5-18mc " 75.00
- MN-26Y COMPASS REC. 150-695/3.4-7 " 12.95
- MN-26LB " 200-400 Kc. " 12.95
- 550-1200 Kc. 2.9-6.0 Mc used 12.95
- RA-10CA COMP. REC. 150-1100 Kc & 2 TO 10 MC. 24 VDC DYNAMOTOR U 14.95
- RA-10FA COMP. REC. 150-400 Kc. & 2 TO 10 MC. 24 VDC DYNAMOTOR U 14.95
- RA-10CA COMP. REC. 150-1100 Kc. & 2 TO 10 MC. W/12 VDC DYNAMOTOR NEW \$24.95
- RA-10FA COMP. REC. 150-400Kc. & 2 TO 10 MC. W/24 VDC DYNAMOTOR USED 14.95
- R-134/TRC-5 REC. 115/60 1350-1500 MC U 30.00

MN-40 INDICATOR CONTROL BOXES
O-360 DEGREE MN-28C/MN-26C
SCALE 5" WITH MN-28LB/MN-26LB
VAR. ADJUSTMENT. USED \$3.95 EA.
SAME AS I-82 CONNECTOR PLUGS
INDICATOR ONLY RECEIVER \$2.50
OPERATES MECHANICALLY FLEXIBLE SHAFT CONTROL BX 2.50
LY INSTEAD ELECT 20"/\$1.50
BY USE OF SPLINED CONNECTORS 5 1/2" \$2.8 \$3.00
AS USED ON MC-124 SHAFT.

RADIO COMPASS

RA 101A/ARN-6 RADIO COMPASS WITH A FREQUENCY RANGE OF 100-1750 KC IN FOUR BANDS. COMPLETE WITH TUBES 6/12SK7; 4/12SX7; 1/12SY7; 1/12SQ7; 2/2050. OPERATES FROM 26.5VDC. WT. 35L. SIZE: 11 1/2 x 7 1/2 x 15 1/2. PRICE: \$39.50

AG-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS. OPERATES FROM 26 VOLTS 400 CYC. SIZE: 10x11x5 WT. 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95 MANUAL FOR RA 101A/ARN-6... \$5.00

ID-91 B/ARN-6 INDICATOR 0-360 DEG. 3 1/2" DIA. INDICATOR FOR ARN-6 RADIO COMPASS SYSTEM \$8.95

C-149 A/ARN-6 CONTROL BOX BOX CONTAINS THE FOLLOWING CONTROLS. OFF-COMP.-ANT.-LOOP; FUNCTION SWITCH, TUNING METER, LOOP L-R SWITCH, LIGHT CONTROL, DIAL BAND SWITCH, CONTROL SWITCH, TUNING CRANK, AUDIO CONTROL, CW- VOICE SWITCH. \$8.95

Headsets — Telephone Equipment — Microphones — Handsets



HS-33 HEADSET
NEWLY MANUF.
HEADBAND & 4 1/2 FT.
CORD WITH PL-55
TYPE PLUG. AIR
FORCE GREY. 600
OHM IMPED. WITH
LARGE SPONGE RUBBER
CUSHIONS \$7.95
W/ RUBBER CUSHIONS
\$6.95



HB-7 HEADBAND ONLY
WITH 4 1/2 FT.
CORD AND PL-55
TYPE PLUG. AIR
FORCE GREY.
\$3.00
LARGE SPONGE
RUBBER CUSHIONS
\$1.50
RUBBER CUSHIONS
\$1.00



HS-23 HEADSET
NEWLY MANUF.
W/4 1/2 FT. CORD &
PL-55 TYPE
PLUG. AIR
FORCE GREY. 2000
OHM IMPED. WITH
LARGE SPONGE
RUBBER CUSHIONS
\$6.95
RUBBER CUSHIONS
\$5.95



H-113/U HEADSET
600 OHM
SOFT PLASTIC
EAR CUSHIONS
18" CORD W/
PL-54 PLUG
THAT FITS
JK-26 JACK
(SEE CD-307
EXTENSION CORD ELSE-
WHERE ON THIS PAGE)
WT: 3LBS. USED-EX \$3.95



TELEX MRB-12 HEADSET
50-10K CYC. CRY
STAL TYPE.
MICROPHONE ON
ADJUSTABLE
BOOM, CERAMIC
50-9000 CPS. FIVE FOOT
CORDS WITH PL-55 ON EA.
RE-MOVEABLE RUBBER CUSHIONS
FOR CLEANING.
BOOM MIC & HEADSET
50,000 OHM... USED \$8.95
4,000 " USED 9.95



MODEL A-200
\$2.95
ACOUSTIC CORD-
LESS MICROPHONE
AND AMPLIFIER
HEARING AID, HEAD
BAND TYPE ASSEMBL
CONSISTS 1/2" MIC.
AND 3 TUBE AMPLI-
FIER WITH VOLUME
CONTROL AND BATTERY
COMPARTMENT
MOUNTED IN A
LIGHTWEIGHT HEADBAND. USES MERCURY
BATTERY 1M-1H & MINI-MAX 15 V.
504E EVEREADY. PRICED WITH TUBES,
LESS BATTERIES AND PHONE UNIT.
#A200 New: \$2.95



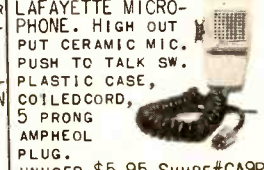
HS-30 HEADSET
250 OHM IMPEDANCE
HEARING AID TYPE
EAR PCS. FIT IN-
SIDE EAR. LIGHT-
WEIGHT HEADBAND,
CORD 9" LG. WITH
SPADE LUGS.
(SEE CD-604 CORD)
RE-NEW \$1.50
USED \$1.00



TELEPHONE TRANSMITTER CHEST SET
150 OHM IMPEDANCE
TRIANGULAR SHAPED
BREASTPLATE, HORN
MOUTHPIECE TYPE#
A-1. NO STRAPS.
WESTERN ELECTRIC
#396A \$1.50

H-62 HEADSET SAME AS
H-113/U ONLY IN BLACK
AND HAS PROVISIONS FOR
SNAPING ON LIP MICRO-
PHONE CW-51071 LISTED
BELOW. USED-EX. \$3.95

CW-51071 LIP MICROPHONE
100 OHMS IMPEDANCE W/
2 SNAPS FOR FASTENING
TO H-62 HEADSET, 14"
CORD W/ PL-291 PLUG
INTO EXTENSION CORD
CD-318 LISTED ON THIS
PAGE OR CW-49561 EXTEN-
SION CORD LISTED BELOW
USED \$1.00



LAFAYETTE MICROPHONE. HIGH OUT-
PUT CERAMIC MIC.
PUSH TO TALK SW.
PLASTIC CASE,
COILED CORD,
5 PRONG
AMPHEOL
PLUG.
UNUSED \$5.95 SHURE#CAPR

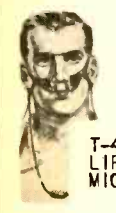
CW-49561 EXTENSION CORD
FOR LIP MIC. CW-49561,
T-45, T-30, M1/A OR ANY
OTHER CORD WITH MATING
PLUG PL-48/291. HAS PL-
68 MIC. PLUG AND IS 5 FT.
WITH MOMENTARY SWITCH.
UNUSED \$1.50

M1/A CARBON MICROPHONE
75 OHM IMPE-
DANCE, FITS
OVER MOUTH
TO ELIMINATE NOISE, HELD
IN PLACE BY STRAPS, FREQ
RESPONSE 400-3200 CPS.
15 1/2 INCH CORD WITH PL-
291 PLUG TO FIT CD-318
OR CW-49561 EXTENSION
CORDS DESCRIBED ON THIS
PAGE. NEW \$2.50

ACOUSTIC HEARING AID MICROPHONE CASE ONLY WITH
TRANSFORMER, VOLUME CONTROL
RESISTORS, CONDENSERS, AND
BATTERY HOLDER. NO MICRO-
PHONE TUBES OR BATTERIES
SATIN FINISHED GOLD COLOR
CASE. SIZE: 2 1/2 x 4 1/2. MODEL
A-320 CASE ONLY WITH PARTS
AS DESCRIBED ABOVE NEW \$3.39

TS-9 HANDSET NO PLUGS WITH
BUTTERFLY SWITCH &
PUSH TO TALK SWITCH & LUGS
USED \$3.95

TS-11 HANDSET; 4 COND-CORD,
5 1/2", CARBON MIC 50 OHM,
PHONE 3500 OHM, W/PL-106
PLUG. NEW \$4.95



H-144/U HANDSET CAN BE
USED FOR HANDSET WITH
BOOM BY ADDING
WIRE HEADBAND.
PHONE 300 OHM
MICROP. 40 " "
MOMENTARY & HOLD SWITCH
U77/U CONNECTOR, 6 FT.
CORD. USED \$ 7.95



T-30 THROAT MIC.
Elements
only \$1.00
a dozen

TELEGRAPH SET



TG-5 TELEGRAPH SET; PORT-
ABLE UNIT USED FOR CODE
COMMUNICATION OVER LAND
WIRE LINES. TWO OR MORE
UNITS CAN BE OPERATED IN
SERIES. CAN BE USED FOR
CODE PRACTICE OR TEACHING
CONTAINS BELL CALL SYSTEM
1000 CYCLE TONE HOWLER, TEL. KEY, HEADPIECE,
CANVAS CASE, BOOK ETC. REQUIRES 22.5 AND 2
1.5 VOLT BATTERIES FOR OPERATION. LESS BAT-
SIZE: 5 1/2 x 10 x 5 1/2; WT: 8 LBS. PRICE: NEW \$9.95

T-17 MICROPHONE
CARBON HAND
TYPE WITH
PUSH TO TALK
RE-COND.
\$9.95

SOUND POWERED HANDSET
WITH COILED
CORD 1-4"
STK #D173012
NEW \$7.95

T-45 MICROPHONE
CARBON TYPE 1000OHM
50DB BELOW 1 MILL-
VOLT, FLAT RESPONDS
WITH PL-291 2 CONT
MALE PLUG, 11" CORD
USED 75¢



**CD-307 CORD EXTEN-
SION** FOR CORDS WITH
PL-54 PLUG AS USED
ON HEADSETS, 65" LG
WITH JK-26 JACK &
PL-55 PLUG.
USED \$1.00

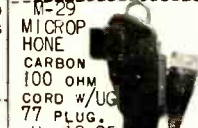
T-30 MICROPHONE
CARBON TYPE, 75 OHM
50DB BELOW 1 MILL-
VOLT, FLAT RESPONDS
WITH PL-291 2 CONT
MALE PLUG, 11" CORD
PRICE: USED 3/4
UNUSED \$1.00



**CD-318 EXTENSION
CORD** WITH PL-291
2 CONTACT FEMALE
PLUG TO FIT T-45 &
T-30 MICS. SW-141
SWITCH & PL-68 MIC
PLUG ON 7 FT. CORD
USED \$1.00



CD-604 CORD WITH
IMPEDANCE MATCHING
TRANSFORMER 500OHM
TO 4000, USED WITH
HS-30 HEADSET, 6"
CORD & PL-54 PLUG.
NEW 50¢ USED 25¢



M-29 MICROPHONE
100 OHM
CORD W/UG
77 PLUG.
U. \$3.95

PL-68 MIC PLUG
30" CORD 75¢

CD-605 CORD SAME
AS CD-604 ONLY 30"
LG. WITH PL-55 PLG
USED \$1.00



**MICROPHONE
BUTTON
CARBON
50 OHM**
WILL REPL-
ACE F-1 ELEMENTS.
#K-53-0654 \$1.00

JK-33 JACK TO FIT
PL-68 MIC. PLUG.
USED 6 FOR 50¢

PL-55 PHONE PLUG
30" CORD 75¢

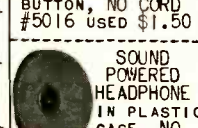


**SOUND
POWERED
MICROPHONE**
IN PLASTIC
CASE, PUSH
TO TALK
BUTTON, NO CORD
#5016 USED \$1.50



**COILED
CORD SET**
THREE CONDUCTOR
24" to 72" 75¢
12" to 36" 50¢
FOUR CONDUCTOR
12" to 36" \$1.00
ONE CONDUCTOR
#18 6 FT.-18 FT.
\$1.00

JK-34 PHONE JACK
TO FIT PL-55 PLUG
USED 6 FOR 50¢



**SOUND
POWERED
HEADPHONE**
IN PLASTIC
CASE, NO
CORD.
#R5017 USED \$1.50

**MC-385
HIGH to LOW
ADAPTER**
IMPEDANCE
FOR HEADSET
4000-6000OHM
USED \$.50
NEW \$.75

**HEADSET
EARPHONE
CUSHIONS**
SPONGE
RUBBER FOR
2 1/2" ELEMENTS.
#4514 \$1.00 PAIR



**R-15 PHONE ELE-
MENT** 6000 OHM
W/RUBBER CUSH-
ION F/2" HEAD-
BAND MTG.
\$1.25



**PHONE ELEMENT
F/TS-9K HANDSET**
250 OHM, 2 1/2" DIA
W/ CLIPS.
K.S #838
\$1.00



**CANADIAN PHONE
ELEMENT** 100 OHM
1 1/2" DIA. FOR
2" HEADBAND.
#C-3 10A/36988
\$.75



**PHONE ELEMENT
F/TS-13, H-23 ET
HANDSET, TYPE 41**
3500 OHM. AUTO.
ELEC. D-5189A
\$1.00



**CANADIAN
LIGHTWEIGHT
HANDSET**
NO CORD
PHONE 300 O
MIC, 50 OHM
#ITE NO1
MK-11
YA-7225
6 oz. \$3.95



**CANADIAN MICRO-
PHONE W/ SWITCH
& CORD FOR ABOVE
PHONE, MAGNETIC**
300 OHM, #10A/12
57L \$1.25



**STANDARD TYPE
TELEPHONE HANDSET
& BELL RINGERS**
CAN BE USED AND
ANY COMMERCIAL
TELEPHONE LINE OR
OR SYSTEMS ON THIS
PAGE. PRICE: \$4.95
EX-CONDITION



**DIAL
ONLY**
\$1.75
USED
EXCEL
COND



**STANDARD
TELEPHONE
HANDSET & CORD**
TELEPHONE BELL FOR MAG-
NETO GENERATORS
1 1/2 x 3
MC-131
\$1.50

H-22/U HANDSET
WITH "Y" CORD 5'
PL-55 & PL-68
PLUGS. 3000 OHM
PHONE, 40 OHM
MIC, CARBON.
600-3000 CYC.
BUTTERFLY SW
RE-NEW \$4.95



**HANDSET
HOLDER**
RUBBER COVER-
ED AS ILL-
USTRA \$1.50
CAST ALUMIN
UM \$2.00

T-24/M CARBON MICROPHONE
WITH PUSH TO TALK
BUTTON AND
MODIFIED WITH
4 FT. COILED
CORD & PL-68
PLUG. WT: 1/2 LB. PRICE: NEW \$4.95

T-26 CARBON MICROPHONE F-1
TYPE ELEMENT MOUNTED ON PLATE
2x4" WITH 4" ADJUSTABLE BOOM
& PL-292 PLUG TO FIT CD-318
CORD. PRICE: \$1.50

DICTIPHONE HEADSET
ASSY. LIGHTWEIGHT BAND
WITH PLASTIC EAR PICES
CONNECTED TO RUBBER
TUBE THAT COMES TO A
Y THAT EXTENDS TO A
RUBBER CUP 4". CAN
BE USED AS A VIBRATION
TESTER OR A WAY OUT
SOUND REPRODUCER.
STK # 6C262-719
PRICE: \$1.00

**TELEPHONE EXTENSION
CORD WITH PLUGS.**
25 FT. W/4 PRONG
MALE & FEMALE CON-
NECTIONS. \$2.75
WALL & CORD PLUGS TO FIT, EA \$1.25

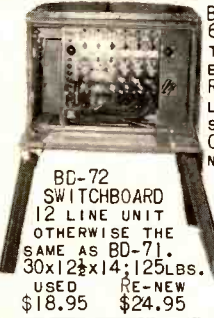
**PUSH BUTTON & CALL
SIGNAL LIGHT SAME
SIZE AS TELEPHONE
DIAL.**
MAKE OVER:
INTERCOM:
\$.39 EA.
3/ \$1.00

**TELEPHONE BELLS
USE AS EXTENSION
N SHOP
ETC.**
2 LB.
4x4x1
4P3661A
\$1.50

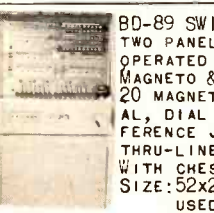
TELEPHONE EQUIPMENT



EE-8 FIELD TELEPHONE, PORTABLE HAND RINGING TYPE. CAN BE USED WITH ANY MAGNETO TYPE SYSTEM SWITCHBOARD AS BD-71, 72, 89, 91, 96 ETC. OPERATES FROM 2 FLASHLIGHT BATTERY UP 17 MILES, TWO OR MORE PHONES CAN BE OPERATED ON TWO WIRE LINE. WITH CARRING CASE, STRAP & HANDSET.
 SIZE: 8x10x3 1/2; WT: 18 LBS.
 USED CHECKED LESS BATT. \$16.95

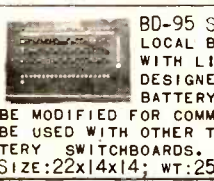


BD-71 SWITCHBOARD, PORTABLE 6 LINE HAND RINGING MAGNETO TYPE USING FLASHLIGHT BATTERIES FOR OPERATION. REPEATING COILS ON TWO LINES FOR SIMPLEXING, DROP SIGNAL AND NIGHT CALL BELL CAN BE USED WITH ANY MAGNETO TYPE TELEPHONES SUCH AS EE-8, RM-29, BD-72, 89, 91, 96 ETC. IDEAL FOR FACTORY, CAMP, FARM, MOTEL.. WITH CHESTSET MICROPHONE & HEADSET. LESS BATTERIES.
 SIZE: 18x12x14; WT: 75 LBS.
 USED \$9.95 RE-NEW \$14.95



BD-89 SWITCHBOARD, SINGLE POSITION, TWO PANEL NON-MULTIPLE, MANUALLY OPERATED TELEPHONE SWITCHBOARD. MAGNETO & COMMON BATTERY LINES. 20 MAGNETO, 40 CB, 4 TWO WAY MANUAL, DIAL DROP END, TRUNK CKT., 5 CONFERENCE JACKS, 3 OUTGOING CKT., 2 THRU-LINE & 13 UNIVERSAL CORD CKT. WITH CHEST MICROPHONE & HEADSET.
 SIZE: 52x22x31; WT: 300 LBS.
 USED \$59.50

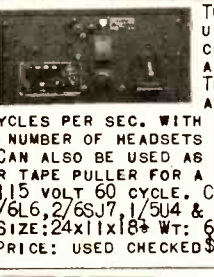
WD-1/TT INFANTRY FIELD WIRE; 2 COND. TWISTED PAIR 4 TINNED COPPER, 3 GALV. STEEL, NYLON JACKET WEATHER MOISTURE & FUNGUS RESIST. APPROX. 1200 FT. ON METAL SPOOL \$15.00; APPROX 1 MILE ON METAL SPOOL 4 LENGTH OF APPROX 1250 FT. \$40.00; COND. USED GOOD
WD-7 COPPER WELD FIELD TELEPHONE WIRE; 2 COND. TWISTED PAIR EACH COND. 7 STRAND #28 COPPER WELD. NEW MANUFACTURE. \$.03 PER FT. 1000 FT. OR MORE \$.025 PER FOOT.



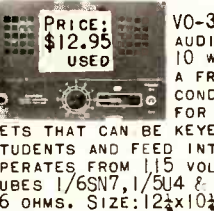
BD-95 SWITCHBOARD: CORDLESS LOCAL BATTERY UNIT EQUIPPED WITH LINE LAMP SUPERVISION AND DESIGNED FOR SWITCHING LOCAL BATTERY LINES MAGNETO TYPE, MAY BE MODIFIED FOR COMMON BATTERY LINES ALSO CAN BE USED WITH OTHER TRUNK, TIE LINE LOCAL BATTERY SWITCHBOARDS.
 RE-NEW \$24.95
 SIZE: 22x14x14; WT: 250 LBS.



MX-333/GG TAPE PULLER USED WITH CODE PRACTICE TO REEL 3/8" PAPER TAPE AS THE TAPE IS PASSED THROUGH THE RECORDER; HAS CONSTANT SPEED 110 VOLT 60 CYCLE INDUCTION MOTOR WITH VARIABLE SPEED FRICTION DRIVE ARRANGEMENT. UNIT COMES IN A WOOD CARRING BOX 10x10x15 WITH A CARRING HANDLE. WT: 27 LBS.
 PRICE, RE-NEW \$12.95



TG-10 KEYS IS A AUTOMATIC UNIT FOR PROVIDING AUDIBLE CODE PRACTICE SIGNALS FROM AN INKED TAPE RECORDING. THE OUTPUT OF THE KEYS IS AN AUDIO FREQ. NOTE OF 800 CYCLES PER SEC. WITH SUFFICIENT POWER TO SUPPLY A NUMBER OF HEADSETS OR PRACTICE TABLES DIRECT CAN ALSO BE USED AS A TELEGRAPH KEY AMPLIFIER OR TAPE PULLER FOR A RECORDER. OPERATES FROM 115 VOLT 60 CYCLE. COMPLETE WITH TUBES; 2/6N7, 2/6L6, 2/6S7, 1/5U4 & 1/923.
 SIZE: 24x11x18; WT: 63 LBS.
 PRICE: USED CHECKED \$19.95 NOT CHECKED \$14.95



VO-3 OSCILLATOR IS AN ELECT-AUDIO TONE GENERATOR WITH A 10 WATTS OF POWER OUTPUT AT A FREQ. OF 800 CYCLES PER SEC COND. THIS POWER IS ADEQUATE FOR SUPPLYING TONE TO 200 HEADSETS THAT CAN BE KEYS BY THE INSTRUCTOR OR STUDENTS AND FEED INTO A SPEAKER OR RECORDER. OPERATES FROM 115 VOLT 60 CYCLE, COMPLETE WITH TUBES 1/6SN7, 1/5U4 & 2/6V6GT, OUTPUT 4, 8, 12 & 16 OHMS. SIZE: 12x10x7 1/2; WT: 24 LBS.
 PRICE: \$12.95 USED

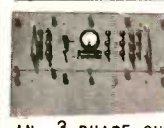
GAS ENGINE GENERATOR



COMPACT, LIGHTWEIGHT, PORTABLE ELECTRIC GENERATING SET CONSISTING OF A 1 HP, 3000 RPM 1 CYLINDER, AIR COOLED, 2 CYCLE, MANUAL ROPE STARTING GASOLINE ENGINE DIRECTLY CONNECTED TO A DC, SHUNT WOUND, SELF EXCITED, FOUR POLE GENERATOR MOUNTED ON A RUBBER SHOCK MOUNTING. GENERATOR OUTPUT IS 6.2/7 VDC 3.5 AMP. AND 500 VDC 230/250 MA. UNIT HAS JUNCTION BOX FOR CONNECTING CABLES FOR USE WITH RADIO SETS SCR-694/BC-1306, AN/GRC-9/RT-77 AND IS APPLICABLE TO OTHER EQUIPMENT. COMPLETE WITH TOOL AND INSTRUCTION BOOK. SIZE: 17x16x11 WT: 57 1/2 SHPG. WT: 125 LBS.
 NEW \$39.95



R-438C/ARW-26AY DRONE RECEIVER FREQUENCY RANGE 57 TO 76 MC WITH CHOICE OF FIVE DIFFERENT TONE CIRCUITS THAT OPERATE 5 SERVO CIRCUITS WHICH ARE CONTROLLED BY MICRO RELAYS IN INDIVIDUAL LC CIRCUITS. TONE FREQ. 300, 650, 955, 1390 & 1250 KC. COMPLETE WITH TUBES 1/12AU7, 2/6AK6, 1/0A2, 28 VDC VIBRATOR SUPPLY. PHOTO SHOWS SEALED COVER RE-MOVED. SIZE: 5 1/2x8; WT: 8LB. NEW \$9.95



CN-359/GPA-23 REGULATOR VOLTAGE. 120/208 VOLTS 60 CYCLE, 3 PHASE, 27 KVA. MOTOR DRIVEN POWERSTAT ELECTRONICALLY CONTROLLED. THREE SEPARATE SYSTEMS THAT WILL GIVE CONTROL, 3 PHASE IN, 3 PHASE OUT OR 3 PHASE IN, SINGLE PHASE OUT OR CAN BE DISMANTLED AND HAVE THREE SEPARATE SINGLE PHASE IN AND SINGLE PHASE OUT. CONSISTS OF 3 MOTORIZED POWERSTAT TRANSFORMERS 3 LOW VOLTAGE TRANS. 3 ELECTRONIC CONTROL CHAS SIS, SWITCHES, FUSES, METER ETC. USED CHECKED
 SIZE: 27x31x26; WT. SHPG. 420 LB. \$175.00

CP-53/APQ-31 COMPUTER AZIMUTH CONTROL UNIT. CONTAINS A GYRO UNIT, 5 SYNCHRO 1 1/2" TYPE 400 CYCLE, 2 SPERRY DC SERVO MOTORS R5663916, RELAYS, TERMINAL STRIPS, SEVERAL SIZES OF GEARS, RESISTORS, CONDENSERS, TWO SERVO AMPLIFIERS # 673097 (PLUG IN TYPE) WITH 6 TUBES, AND HEATING ELEMENT. ALSO 115 V. 400 CYC. 1 1/2" ELAPSED TIME INDICATOR. SIZE: 11x9x15 1/2; WT: 18 LB. \$7.95

BC-653 TRANSMITTER 2-4.5 MC, 50 WATT VOICE, 100 WATT CW. RANGE 25 TO 50 MILES DEPENDING ON CONDITIONS.
 MASTER OSCILLATOR CONTROL, FOUR PRESET CHANNEL SEVEN TUBES; 2/814, 807, 2/1613, 2/VR-105. TWO 2 1/2" METERS FOR READING FILAMENT AND PLATE VOLTAGES, AND CURRENT, AND OUTPUT METER. VOLTAGES REQUIRED: 12 VDC, 1000 VDC 220MA, 500 VDC 185MA. SIZE: 26x14x12; WT: 140 LBS. \$29.95

DN-42 DYNAMOTOR 12v Used \$4.95
FT-253 MOUNTING BASE TO HOLD RECEIVER AND TRANSMITTER. Used \$3.95
 34x12x3, WT. 30 LBS. UNUSED 5.95

RT-7/APN-1 RADIO AIRCRAFT ALTIMETER RECEIVER-TRANSMITTER FM 418-462 MC. INDICATES ON INSTRUMENTS 10-14 /APN-1 & SA-1/ARN-1 SHOWN ELSE WHERE IN THIS CATALOG. WITH TUBES 3/12SJ7, 4/12 SH7, 2/12H6, 2/955, 2/9004 & 1/VR-105 ALSO 24VDC DYNAMOTOR THAT SUPPLIES THE HIGH VOLTAGE.
 SIZE: 8x18x8 1/2; WT: 25 LBS. PRICE: USED \$9.95

MT-14 MOUNTING FOR RT-7/APN-1 \$2.75
10-14/APN-1 RADIO ALTIMETER 1.50
SA-1/ARN-1 ALTITUDE LIMIT SWITCH 1.50
AT-4/APN D1-POLE ANTENNA USED CRACKED IN2.95
CONNECTOR PLUGS TO FIT R/T-IND-METER EA. 1.50

ANTENNA COUPLER

ANTENNA COUPLER AND ACCESSORY CASE. USED TO CHECK R-F POWER OUTPUT AND ELLIPTICITY OF CIRCULARLY POLARIZED ANTENNAS FROM ELECTRONIC COUNTERMEASURES SYSTEMS UNDER ACTUAL OPERATING CONDITIONS. FREQUENCY 950-10,500 MC. COUPLING ATTENUATION 40 DB. POWER DISSIPATION 500 WATTS. ACCESSORY CASE CONTAINS ATTENUATORS AND ATTACHMENTS FOR TESTING VARIOUS FREQUENCIES. ANTENNA COUPLER SIZE: 12x21, WT. 22 LBS. ACCESSORY CASE: SIZE: 12x12x16, WT. 28 LBS. #7507649P22 PRICE: \$29.95

ANTENNA COUPLER STAND, EXTENDS TO 90". SIZE: 39x5 INCHES. WT. 30 LBS. PRICE: \$9.95

BC-1253 RADIOSONE TRANSMITTER OPERATES AT 397 MC; SENDING A CONSTANT SIGNAL TO BE RECEIVED BY RADIO DIRECTION FINDER, WHILE BEING CARRIED IN THE ATMOSPHERE BY A FREE BALLOON. COMPLETE WITH ONE 955 ACORN TUBE. REQUIRES 1.5, 6 & 115 VOL BATTERIES. SIZE 3x5x6 1/2; WT: 8 OZ. PRICE: NEW \$5.59 2 FOR \$1.00

TUNER ASSEMBLY for 2 to 6 MC. Part of BC-728 RECEIVER, which consists of four channel push button assy. with RF, ANT, & OSC. coils all slug tuned. Also cond. resistors etc. Size 4 x 4 x 3 1/2lb Stock #2C4728/T4. Price \$1.00

CP-15/ASG-10 COMPUTER MK-20 FOR USE WITH BOMB DIRECTOR MK-1. CONTROLS FOR SELECTION OF AIR SPEED IN KNOTS, TEMPERATURE & LANYARD, ROCKET CALIB. COARSE & FINE, BOMB MPI ADJUST CONTAINS 88 PRECISION RESISTORS, 4 RELAYS, 2050 TUBE, & SPECIAL SELENIOD RESISTOR VALUE FINDER IN SEALED UNIT. 28 VDC DYNAMOTOR SUPPLY VOLTAGE REGULATED WITH 2/20 50 & 1/VR-150 TUBES OUTPUT OF 285 VDC 75 MA. PLUS COND. RELAYS ETC. SIZE: 14x10x8; WT: 30 PRICE: UNUSED \$7.95

CP-103/APA-44 RANGE COMPUTER, PART OF AIRCRAFT COMPUTER LANDING SYSTEM. WITH 2 MOTORS, 2 AUTOSYNE 2 MICROPOTS, SLIP RING, RELAYS, RECTIFIERS, PRECISION RESISTORS, 12 GRAIN OF WEIGHT LAMPS, SPIN KNOBS, SWITCHES DIALS ETC
 SIZE: 7 1/2x12 1/2x8; WT: 25 LBS. USED \$12.95

MAGNETIC AMPLIFIER

TRANSMITTER SUB-ASSY. FILAMENT CHASSIS, PART OF AN/ALT-8 COUNTERMEASURES SET. CONSISTS OF CK927 FULL WAVE RECTIFIER CK843 SILCON RECT., TWO FIL. TRANS. 115/400CYC. SEC. 6.3/6A. MINIATURE POTS. AND DPST RELAY ALL MOUNTED ON CHASSIS 7x3x3 1/2; WT: 3LBS. PART #2527-501-G1
 PRICE: NEW \$1.95

TS-545 ECHO BOX; USED FOR CHECKING RADAR SETS IN THE FREQ. RANGE 1150 TO 1350 MC. TUNED CAVITY MANUAL TYPE METER 3" 0-100 DC MICRAMPEREB. SIZE: 16x9x9; WT: 23 LBS. USED \$39.50

TS-270 ECHO BOX; SIMILAR TO ABOVE ONLY FREQ. 2630 TO 2970 MC. PRICE: USED \$39.95

TG-34A KEYS

CODE PRACTICE SET USED TO REPRODUCE SIGNALS PREVIOUSLY RECORDED ON INKED PAPER TAPES. VARIABLE SPEED MOTOR, KEYING OSCILLATOR WITH SPEAKER AND PHONE JACK. OPERATES FROM 115/230 50/60 CYC. HOUSED IN PORTABLE CARRING CASE. SIZE 15x10x10; WT: 40 LBS.
 PRICE: RE-NEW, CHECKED \$24.95
 BLANK PAPER TAPE: 3/8" FOR TG-34, TG-10 KEYS 900 FT. ROLLS EACH \$2.25; 30 ROLLS \$5.00
 TELETYPE PERFORATOR TAPE, 11/16" WIDE, APPROX 900 FT. OILED. 10 ROLLS FOR \$2.50

INVERTERS



INPUT: 27.5 VDC 150 AMP.
OUTPUT: 115 VAC 2500 VA
400 CYC 1 PHASE
SIZE: 15 x 11 1/2 x 8 WT 58 LBS.
JACK & HEINTZ F-46-2
USED \$39.50

INVERTER AN-3515-1
INPUT: 27.5 VDC 100 AMPS.
OUTPUT: 115 V 400 CYCLE
1 PHASE 1500 VA.
SIZE: 14x10x7; WT: 50 LBS.
PRICE: RE-NEW \$45.00



MG-149F INVERTER
INPUT: 24 VDC 36 A. 750VA
OUTPUT: 115 V 400 CYCLE
1 PHASE 500 VA & 26 V 400
CYCLE 1 PHASE 250 VA.
SIZE: 12x8 1/2 x 8; WT: 25 LBS.
PRICE: USED \$24.95

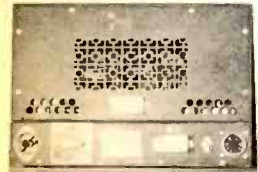
MG-153 INVERTER
INPUT: 24 VDC 52A 1000 VA
OUTPUT: 115 V 400 CYCLE
3 PHASE 750 VA & 26 V 400
CYCLE 1 PHASE 250 VA.
SIZE: 12x8 1/2 x 8; WT: 28 LBS.
PRICE: USED \$24.95



RA-37 AC RECTIFIER

Selenium type rectifier use with
teletype printers operates from
115/230 volts 50-60 cycle output
115 volts DC .400 amps & 110 volt
50 - 60 cycle. Size 14 1/2 x 7 1/2 x 8
WT. 43 lbs.

NEW \$8.95



RA-62 AC POWER SUPPLY

Power Supply used with SCR-522
Transmitter-Receiver supplies
all the necessary voltages.
INPUT: 115/230 60 Cycle
OUTPUT: 300 VDC 230 MA.
-150 VDC 8 MA.
13 VDC 3.9 AMPS.
Completely fused & filtered.
Size 16 x 11 1/2 x 11 WT. 75 lbs.
PRICE: USED CHECKED \$59.50



G-24 AC & DC GENERATOR

OUTPUT
115 VAC 800 CYCLE 10.5 A.
28 VDC 60 AMP. @ 2400 RPM.
SPLINE SHAFT SIZE 7/8 x 1 1/2
SIZE: 6 1/2 x 7 1/2 x 13; WT: 45 LBS.
RE-COND. \$19.95



D.C AIRCRAFT MOTOR
GE# 5BA50LJ29- HP .4
RPM 3000 ARM.V 60 FLD.V 27
AMPS. FLD. 2.3, ARM. 6.5
DUTY 10 MIN. INT. AT FULL
RATING.
SHAFT, CORK SCREW 5/8" DIA.
FLANGE MTG. 3/8" IN CNTS.
SIZE 6 1/2" LESS SHAFT 4 1/2 x 4 1/2
WT: 11 LBS. UNUSED \$4.95



AIRCRAFT MOTOR
MAXSON MODEL 118 H.P. 1
RPM 5800; 24 VOLTS DC
55 AMPS., SPLIT FIELD,
REVERSIBLE SHUNT, DOUBLE
END SHAFTS WITH GEAR 1/2"
1/3-8", FLANGE MTG. 3/8" CT.
SIZE: 6 1/2 x 4 1/2 x 4 1/2; WT: 15 LBS.
UNUSED \$4.95

ELECT. ENG. MFG.
TYPE C-368. 26VDC
35 AMPS. 600 WAT
1/2 HP, APP. 3000
RPM. VERT. KEYED
SHAFT 1/2" DIA. 3/16 SLOT.
FL. MTG. 3/8" CT. 7" LG. \$4.95

INVERTER
INPUT 27.5VDC 60A
OUTPUT 115 V 400 CY
750 W 3 PHASE
26 V 400 CY
50 W 1 PHASE
SIZE 11x10x6; WT: 40 LBS.
LELAND#10285 USED \$34.95

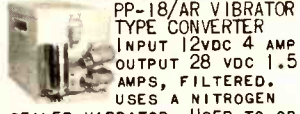
INVERTER
INPUT 27 1/2 VDC 22A
OUTPUT 115V 400 CY
3 PH 250 VA
SIZE 9x6x4; WT: 15 LBS.
ECL#PSE#E-1617-1 USED \$14.95



VIBRATOR POWER SUPPLY
TWO 6 VOLT SUPPLIES ON A
COMMON CHASSIS USING OZ4
RECTIFIER TUBES, OUTPUT 540
VDC @ 150 MA. CAN BE TAPPED
AT 270 VDC 150 MA.
SIZE: 9x6x5; WT: 10 LBS.
STK#3H6694-5 UNUSED \$9.95



MINI VIBRATOR SUPPLY
PP-855/PRC-14, AIRPAX No.
A-1063, VIBRATOR TYPE WITH
FILTER NETWORK, INPUT 6VDC
5.35 AMPS. OUTPUT 135 VDC
155 MA. VIBRATOR MOUNTS
OF UNIT. 7 1/2 x 2 1/2 x 2 1/2; WT: 3 LB
NEW \$4.95



PP-18/AR VIBRATOR
TYPE CONVERTER
INPUT 12VDC 4 AMP
OUTPUT 28 VDC 1.5
AMPS, FILTERED.
USES A NITROGEN
SEALED VIBRATOR. USED TO OP
ERATE 28 VOLT EQUIPMENT FRO
12 VOLTS. TWO OR MORE CAN
BE WIRED IN PARALLEL TO OB
TAIN A HIGHER CURRENT OUTP
UT. WITH PLUGS, MTG & SPARI
VIBRATOR. 6 1/2 x 5 1/2 x 8 1/2; WT: 9 LBS.
NEW \$7.95 USED \$4.95

FT-498 SHOCK
MOUNTING WITH
FOUR 10 LB.
RUBBER MOUNTS ON A ALUMINUM
PLATE 13x8x1 1/2; WT: 2 LBS.
PRICE: \$1.00

VOLTAGE REGULATOR
INPUT 21-30 V.D.C
5 AMPS. REGULATION
18-30 VDC #4511281
SIZE: 4x3; 3LBS.
\$1.50

PI GENERATOR

OUTPUT: 28 VDC 200 AMPS.
2500 TO 6000 RPM.
SPLINED SHAFT 7/8 x 1 1/2;
SIZE 6x8x14 1/2; WT: 48 LBS.
PRICE: USED \$19.95

12 VOLT GENERATOR
50 AMPS. 38 LBS
SIZE 9x6x6
SHAFT 3/4x2
KEYED & NUT
DELCO#1106461
PRICE: NEW \$9.95

PE-115 PHILCO
INVERTER 28VDC
36 AMP. INPUT.
OUTPUT 80 VOLT
800 CYCLE 7.2
AMP. (NO VOLT
AGE REGULATOR
11x10x7; 40LBS
USED \$12.95

GENERATOR GAEN-211219C

OUTPUT: 12.5 VDC 4 AMPS.
240 VDC 100 MA.
INPUT DRIVE: 3/16 HP.
3450 RPM.
SHAFT SIZE: 3/8 x 1 1/2
MOTOR SIZE: 5 x 6 x 9 WT. 25 lbs.
Used: \$4.95 New \$6.95

1100 VDC
400 MA
INPUT: 24/28V 27
OUTPUT: 1100 VDC
400 MA.
SIZE: 10 1/2 x 6 1/2; WT: 30 LBS.
TYPE SUI25 UNUSED \$16.95

INVERTERS

EICOR #1-3112-1
INPUT: 26 VDC 6 AMP.
OUTPUT: 26 VAC 400 CYC.
VOLT/AMP: 40 1 PHASE
DUTY: CONT. 1.0 P.F.
SIZE: 7 1/2 x 3 1/2; WT: 8 LBS.
PRICE: NEW \$8.95

PU-16 INVERTER

INPUT: 28 VDC 60 AMPS.
OUTPUT: 115 VAC 6.5 AMPS.
400 CYCLE 1 PHASE
Used: \$18.95
Size: 7 x 15 x 9 WT. 38 lbs.

5D21NJ3A INVERTER

INPUT: 27 VDC 35 AMPS.
OUTPUT: 115 VAC 2.17 AMPS.
400 CYCLE 1 Phase.
Used: \$14.95 Unused \$24.95
Size: 9 x 6 1/2 x 5 1/2 WT. 20 lbs.

INVERTER

800-1-A

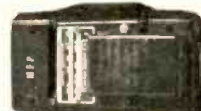
WT. 35 lbs.
Size 4 1/2 x 8 x 12
INPUT: 24 VDC 75 AMPS.
OUTPUT: 115 VAC 800 CYCLE
1 Phase 10.5 AMPS.
USED \$12.95



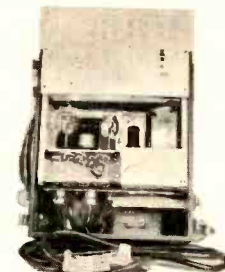
PE-237 POWER SUPPLY
VIBRATOR TYPE

INPUT: 6 VDC 27 AMPS.
12 VDC 13.2 " "
24 VDC 7 " "
OUTPUT: 525 VDC 90 MA.
105 VDC 42 MA.
6.5 VDC 2 AMPS.
6 VDC 500 MA.
1.3 VDC 450 MA.
130 VDC 17 MA.

With tubes & vibrator.
Size 10 x 10 x 17 WT. 70 lbs.
USED \$14.95 RE-NEW \$19.95



CARTER GENEMOTOR
MOTOROLA#259K1003
INPUT: 26.1 VDC 7 AMPS
OUTPUT: 405 VDC 270 MA.
SIZE: 7x4x5; WT: 12 LBS.
USED \$2.95 NEW \$3.95



PE-120 Power Supply

INPUT: 6 VDC 4.5 MP.
12 VDC 2.5 AMP.
24 VDC 1.5 AMP.
OUTPUT: 145 VDC 75 MA.
90 VDC 40 MA.
1.5 VDC .75 AMP.

Vibrator type voltage regu
lated complete with tubes
OB-3/VR-105, 1005 & Ballast.
Also vibrator for 12 VDC.
Size 4 1/2 x 1 3/4 x 1 1/2 WT. 29 lbs
RE-NEW \$7.95



VRC-2 DYNAMOMETER

INPUT: 5.5 VDC 31 AMPS
OUTPUT: 600 VDC 175 MA
SIZE 7 x 4 1/2 x 4 1/2 WT: 8 LBS
STK.# 3H1514-5
PRICE RE-NEW \$7.95



PE-49
GASOLINE
ENGINE
GENERATOR



Size: 5 x 8 x 12 Wt. 35 lbs.

PE-98 DYNAMOTOR

INPUT: 14 VDC 21 AMPS.
OUTPUT: 300 VDC 260 MA.
150 VDC 10 MA.
USED \$5.95 UNUSED \$9.95

PE-94 DYNAMOTOR

INPUT: 28 VDC 10.5 AMPS.
OUTPUT: 300 VDC 260 MA.
150 VDC 10 MA.
14.5 VDC 5 AMPS.
Used \$4.95



TCS POWER SUPPLY
COLLINS 21881

INPUT: 12 VDC 14.5 AMP.
OUTPUT: 400 VDC 200 MA.
225 VDC 100 MA.
Size: 7 1/2 x 7 x 13 WT. 28 lbs.
GOV'T RECORD. \$14.95



Size 6 1/2 x 8 x 12 Wt. 30 lbs.

DY-17 DYNAMOTOR

INPUT: 27 VDC 32 AMPS
OUTPUT: 400 VDC 750 MA.
750 VDC 350 MA.
USED \$12.95



PP-868/U VIBRATOR
POWER SUPPLY

INPUT: 12 DC 2.0 AMP.
OUTPUT: 6.3 AC 1.0 AMP.
6.3 " .45 " "
1.4 DC 1.25 " "
155 DC 15 MA.
150 DC 5 " "
140 DC 50 " "
40 DC .5 " "
SIZE: 5x6 1/2 x 7; WT: 12 LBS.
PRICE: USED \$9.95

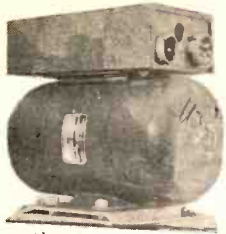


DY-9B/ARC DYNAMOTOR

INPUT OUTPUT
VOLTS AMPS. VOLTS AMPS.
26 4.3 360 CONT. 135
26 7.8 310 INT. 355
SIZE: 9x5x3 1/2; WT: 10 LBS.
RE-MOVED F/EQUIP. \$9.95

GENERATOR OUTPUT 1000 VDC
350 MA & 14.6 VDC 25 AMPS.
ENGINE: 1 CYCL. 4 CYCLE
APPROX. 3 HP.
SIZE: 36x20x25; WT: 275 LBS.
PRICE: \$75.00

DYNAMOTORS



Size 6 1/2 x 10 x 11 WT. 38 Lbs.
With fuses and starting relay.

PE-77 DYNAMOTOR

INPUT: 14 VDC 39 AMPS.
OUTPUT: 1000 VDC 350 MA.

PE-73 DYNAMOTOR

INPUT: 28 VDC 19 AMPS.
OUTPUT: 1000 VDC 350 MA.

DM-42 DYNAMOTOR



USED
\$4.95

INPUT: 12 VDC 39 AMPS.
OUTPUT: 515 VDC 215 MA.
" 1030 " 260 MA.
SIZE: 7x7x11 WT: 38 LBS.



**DY-17/ART-13
DYNAMOTOR ONLY**

INPUT: 27 VDC 32 AMP
OUTPUT: 400 VDC 750 MA
750 " 350 MA
SIZE: 11 1/2 x 5; WT: 17 LBS.
UNUSED \$9.95



**PE-98
PE-94
DYNAMOTORS
ONLY**

PE-98 DYNAMOTOR ONLY
INPUT: 14 VDC 21 AMPS.
OUTPUT: 300 VDC 260 MA
-150 VDC 10 MA
SIZE: 12x5x5; WT: 26 LBS.
UNUSED \$5.95

PE-94 DYNAMOTOR ONLY
INPUT: 28 VDC 10.5 AMPS
OUTPUT: 300 VDC 260 MA
-150 VDC 10 MA
14.5 " 5 AMPS
SIZE: 12x5x5; WT: 26 LBS.
UNUSED \$4.95



DA-19A DYNAMOTOR

INPUT: 28 VDC 11 AMPS.
OUTPUT: 400 " 400 MA.
SIZE: 7 1/2 x 4 1/2 x 4 1/2; WT: 13 LBS
UNUSED \$4.95

BRUSH SETS



DM-21 DM-25 DM-28 DM-32
DM-33 DM-34 DM-35 DM-36
DM-37 DM-40 DM-41 DM-42
DM-43 DM-45 DM-53
BD-83 BD-93 BD-77
PE-73 PE-86
DA-12 DA-14 DA-1A
DY-21 DY-22
SP-125 35x032

OTHER TYPES ALSO AVAILABLE
SET OF FOUR BRUSHES \$1.00



Size 3 x 3 1/4 x 4 1/2, Wt. 3 lbs.

DM-32 DYNAMOTOR

INPUT: 28 VDC 1.1 AMPS.
OUTPUT: 250 VDC 60 MA.
Price: Used \$2.95 New \$4.95

TYPE 35 x 032

(Same as DM-32 only 12V)

INPUT: 14 VDC 2.4 AMPS.
OUTPUT: 250 VDC 60 MA.
Price: New \$4.95

DM-53 AZ DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 VDC 80 MA.
Price: NEW 7.95

DM-53 DYNAMOTOR

INPUT: 28 VDC 1.4 AMPS.
OUTPUT: 220 VDC 80 MA.
NEW \$6.95 USED \$3.95



Size 3 x 3 x 4 1/2, Wt. 3 lbs.

DM-45 DYNAMOTOR

INPUT: 24 VDC 1.1 AMPS.
OUTPUT: 250 VDC 50 MA.
Price: Used \$2.95 New \$4.95

DM-25 DYNAMOTOR

INPUT: 12 VDC 2.2 AMPS.
OUTPUT: 250 VDC 50 MA.
Price: Used \$2.95 New \$4.95



WEST. 12B6534 DYNAMOTOR

INPUT: 24 VDC 1.75 AMPS.
OUTPUT: 300 VDC 70 MA.
Price: Used \$2.95 New \$4.95

Size 3 x 3 x 4 1/2. Wt. 3 lbs.
Dynamotors listed below
same size only less base.

DM-5936 DYNAMOTOR

INPUT: 28 VDC 1.1 AMPS.
OUTPUT: 250 VDC 60 MA.
Used \$1.95 Unused \$3.95

DMX-310A DYNAMOTOR

INPUT: 12 VDC 2.8 AMPS.
OUTPUT: 150 VDC 100 MA.
Used \$2.95 Unused \$4.95

TYPE 5047 DYNAMOTOR

INPUT: 27 VDC 1.75 AMPS.
OUTPUT: 285 VDC 75 MA.
Used \$3.95 Unused \$5.95

RADIO NOISE
FILTER 100
AMPS. 50 VDC
GE#1C202
SIZE 4x4x2
PRICE: \$.50



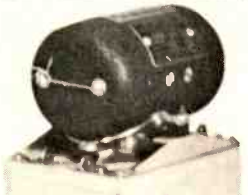
Size 3 x 4 1/2 x 6 1/2. Wt. 5 lbs.

DM-34 DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 VDC 80 MA.
Used \$2.95 Unused \$4.95

DM-36 DYNAMOTOR

INPUT: 28 VDC 1.4 AMPS.
OUTPUT: 220 VDC 80 MA.
Used \$2.95 Unused \$4.95



Size 3 1/2 x 5 x 5 1/2, Wt. 3 1/2 lbs.

PE-86 DYNAMOTOR

INPUT: 28 VDC 1.25 AMPS.
OUTPUT: 250 VDC 60 MA.
PRICE: Used \$2.95 New \$4.95



Size 3 1/2 x 5 x 6 1/2. Wt. 5 1/2 lbs.

DM-28 DYNAMOTOR

INPUT: 27.9 VDC 1.25 AMP
OUTPUT: 220 VDC 70 MA
PRICE: USED \$6.95



D 401

INPUT: 12 VDC 9.9 AMP.
OUTPUT: 400 " 180 MA.
SIZE: 4x4 1/2 x 7; WT: 10 LBS.
PRICE: USED \$6.95

**DA 14A SPECIAL
WITH BASE**

INPUT: 14/28 VDC 3.3/1.6 A
OUTPUT: 230 VDC 100 MA.
SIZE: 3 1/2 x 3 1/2 x 6; WT: 6 LBS.
UNUSED \$6.95

**DM-21
DYNA-
MOTOR**



INPUT: 14 VDC 3.3 AMP.
OUTPUT: 235 VDC 90 MA.
SIZE: 6x5x3; WT: 8 1/2 LBS.
PRICE: USED \$7.95



DY-21 DYNAMOTOR

INPUT: 27 VDC 7 A
OUTPUT: 410 " 325 MA.
SIZE: 7 1/2 x 3 3/4; WT: 8 1/2 LB
PRICE: USED \$7.95



Size 4 1/2 x 5 1/2 x 6 1/2. Wt. 10 1/2 lbs.

ED-83 DYNAMOTOR

INPUT: 14 VDC 6.5 AMPS.
OUTPUT: 375 VDC 150 MA.
UNUSED \$7.95

CW21441 DYNAMOTOR

INPUT: 28 VDC 2.9 AMP
OUTPUT: 330 " 135 MA
NEW \$3.95

DM-116 DYNAMOTOR

INPUT: 28 VDC 3.1 AMPS.
OUTPUT: 330 VDC 470 MA.
Used \$1.95 Unused \$3.95

ED-93 DYNAMOTOR

INPUT: 28 VDC 3.2 AMPS.
OUTPUT: 375 VDC 150 MA.
Used \$2.95 Unused \$4.95



Size 4 x 7 x 6 1/2. Wt. 10 1/2 lbs.

PE-133 DYNAMOTOR

INPUT: 12 VDC 2.3 AMPS.
OUTPUT: 230 VDC 90 MA.
Used \$4.95 Unused \$6.95



Size 5 1/2 x 6 x 8 1/2. Wt. 12 1/2 lbs.

TYPE 377 DYNAMOTOR

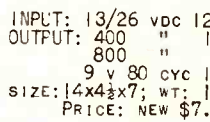
INPUT: 14 VDC 8 AMPS.
OUTPUT: 425 VDC 163 MA.
Used \$6.95 Unused \$9.95



Size 5 1/2 x 3 1/2 x 7. Wt. 7 lbs.

DM-40 DYNAMOTOR

INPUT: 14 VDC 3.4 AMPS.
OUTPUT: 172 VDC 138 MA.
PRICE: USED \$3.95



INPUT: 13/26 VDC 12.5/6.3A
OUTPUT: 400 " 135 MA.
800 " 20 "
9 v 80 CYC 1.12 AMP.
SIZE: 14x4 1/2 x 7; WT: 15 LBS.
PRICE: NEW \$7.95

CONNECTOR PLUG 1.50



Size 4 1/2 x 4 1/2 x 8 1/2. Wt. 13 lbs.

DM-35 DYNAMOTOR

INPUT: 12.5 VDC 18.7 AMPS.
OUTPUT: 625 VDC 225 MA.

NOT AVAILABLE

DM-37 DYNAMOTOR

INPUT: 25.5 VDC 9.2 AMPS.
OUTPUT: 625 VDC 225 MA.
UNUSED \$4.95



BD-69 DYNAMOTOR
INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 " 80 MA.
SIZE: 6 1/2 x 6 x 4 1/2; WT: 10 LBS.
UNUSED \$3.95



GAY-21772 DYNAMOTOR
INPUT: 12 VDC 3 AMPS.
OUTPUT: 235 VDC 75 MA.
SIZE: 6 1/2 x 5 x 4 W/MTG. 7 LBS.
UNUSED \$4.95



DA 1A

INPUT: 28 VDC 1.6 AMP
OUTPUT: 230 VDC 100 MA
SIZE: 3 1/2 x 3 x 5 1/2; WT: 6 LBS.
UNUSED \$4.95



DM-33 DYNAMOTOR

INPUT: 28 VDC 5 AMPS.
OUTPUT: 575 VDC 160 MA.

NOT AVAILABLE

Size 3 1/2 x 4 x 7 1/2. Wt. 8 1/2 lbs.

DY-22 DYNAMOTOR

INPUT: 28 VDC 1.8 AMPS.
OUTPUT: 210 VDC 125 MA.
Price: Used \$4.95



**WINCO TYPE 41S6
DUAL OUTPUT**

INPUT: 13 VDC 13 A.
OUTPUT: 300 VDC 225 MA
250 " 60 "
SIZE: 8 1/2 x 4 1/2 x 4; WT: 10 LB
PRICE: UNUSED \$7.95

AC-DC Motors Hi-Speed Gear Reduction's Blowers

DELCO P.M. MOTOR 5067125 27.5 VDC 10,000 RPM w/GOVERNOR, SIZE: 3x1x1; SHAFT TAPERD 1/16 TO 3/16, THREADED END. PRICE: RE-MOVED \$3.95

GE58A10AJ37A MOTOR 250 RPM 8 oz. IN. TORQUE .5 A. 27 VDC REVERSIBLE. SIZE 3x1 1/2, SHAFT SPLINED 3/8x3.95

WEST-GEAR PM MOTOR P5824R3 24 VDC 1.5 A OZ IN 45, 250 RPM, REV. 120 SEC. IN 4 MIN. SIZE: 3 1/2x1 1/2, SHAFT 5/16 x 3/8 W/GEAR. \$4.95

GE58A10AJ8D MOTOR IN GUN CHARGER ASSY ASSY W/2 MICRO SW. & SPRING PLUNGER 27 VDC, 110 RPM 1 OZ. IN. 1 1/2x1 1/2 SHAFT 3/8x1 1/2; WT: 2LBS. \$5.95

HOLTZER-CABOT DUAL SPEED GEAR REDUCTION MOTOR, 115 V. 60 CYCLE, 1 PHASE, ONE SHAFT 40 RPM, OTHER 165 RPM 24 OZ. IN. TORQUE .4 AMP. MOTOR SIZE 4 1/2x4 1/2x5 1/2, SHAFT 3/8x4-40RPM, 1/8x3/8-165RPM. #RBS-3712 \$9.95

RATCHET MOTOR, 24 VOLT DC 60 RPM CONTINUOUS ALSO 3 POSITION STOP. BAND SWITCH ASSEMBLY AS USED IN R-5/ARN-7 COMPASS RECEIVER. UNIT WILL ALSO OPERATE ON 18 TO 24 VDC. SIZE: 3x4 1/2; WT: 1 1/2 LBS. STK# 609-ARN-7 PRICE: \$1.25

WESTINGHOUSE BUSINESS MACHINE MOTOR 25 MHP 115 VOLTS 50/60 CYCLE .5/4 AMPE TYPE FL 4.0/3.0 MFD. 1425/1725 RPM. SIZE: 4 1/2x4 1/2; WT: 5 LBS. SHAFT 5/16x3 FLATENED. FOR USE IN RUBBER SHOCK MOUNTING BRACKET PRICE: NEW \$4.95

TELETYPE MOTOR AC; 110 VOLT 60 CYCLE 1 PHASE, NON-SYNCHRONOUS, 1/25 HP, 1800 RPM, 1.25 AMP., DOUBLE SHAFT 1 1/2x3/16 & 5/8 x 3/16, MOTOR SIZE 5 1/2x5x5; WT: 13 LBS. GE#28478 USED \$4.95

ELECTRO COUNTER & TIMER MOTOR, 115 VOLT 60 CYCLE, 14 RPM, USED TO TURN TUNERS, HIGH POWER TORQUE, INTERMITTENT OPERATION SIZE: 3x4x3; WT: 2 LBS. #MA201752 \$1.50

TG-8/APA-69 ANTENNA ROTOR 26.5VDC @ 5 AMPS. APPROX. 200 RPM NO LOAD. KEARFOTT SELBLYN #R-230-2A. SLIPRING CONTACT TO ANTENNA. WT. 20 LBS. 10x7 1/2x7 1/2 BNC CONNECTORS TO ANTENNA \$19.95

AS 874/APX ANTENNA ROTOR WITH SELBLYN GENERATOR GE #2J1F3. CENTER FEED THROUGH FOR RF CABLE TO ANTENNA. 28 VDC @ 4 AMPS. APPROX. 33 RPM NO LOAD. ROTOR HAS 4 INCH X 1/2 INCH DISK FOR MOUNTING ANTENNA TO ROTOR. 9 1/2x12x10 WT. 25 LBS. USED \$19.95

PM MOTOR ASSEMBLY & GEAR TRAIN USED IN R-44 RECEIVER FOR REMOTE TUNING. CONTAINS DELCO PM MOTOR #5069370, 10,000 RPM ATTACHED TO A GEAR ASSY. THAT HAS TWO SHAFTS 80 RPM AND IS GEARED TO TWO SHAFTS WITH 3" & 1 1/2" GEARS THAT THAT TURN AT 40 & 80 RPM. ASSY SIZE 4 1/2x6x3; SHAFT SIZES 1/2 x 3/4 WT: 3 1/2 LBS. STK. #3H3100-15 PRICE: \$4.95

GENERAL ELECTRIC 58A25DJ300 24 VDC @ 2 AMPS., 4500 RPM, REVERSIBLE, GOVERNOR CONTROL MAGNETIC BRAKE, FLANGE MOUNT, SIZE 2 1/2x5 1/2; WT: 3LBS., SPLINED SHAFT 3/16x7/8 PRICE: \$2.95

DELCO P.M. MOTOR #5069466, 27.5 VDC IN ALUMINUM CASE GEARED TO WORM GEAR MOTOR SIZE 1 1/2x1 1/2x2 1/2, 10,000 RPM. CASE SIZE 2 1/2x2 1/2 LESS MTG. SIZE. WORM GEAR 2000 RPM, WT: 2 LBS. STK# 3H3100A-1 PRICE: \$2.95

John Oster type C 24A-1B - KS-5829-OT 27 VDC 1/100 HP 7000 RPM DC Series Motor 2" D X 3" L. Shaft 1/2 X 1 Wt. 1 lb. Price \$.75

6 VOLT DC MOTOR, REVERSIBLE 1/20 H.P. SHAFT 1/2 X 3/4, FRONT END MOUNTING STUDS. MOTOR SIZE 3 1/2x3; WT: 4 LBS. APP 3000 RPM G16VDC-R PRICE: \$1.25

EMC TYPE 300, 45 V 60 CYC. 6 1/2 RPM LIGHT OPEN FRAME 5x2 1/2x1 1/2; SHAFT 3/16x1; 1 LB. \$1.50

UEC#521 28 vdc 1.2 A/ 6000 RPM BLOWER INLET 1 1/2; OUTLET 1X1 OVER. ALL SIZE 5 1/2x4x3 1/2; 3 LB. \$3.95

Delco 5069370 27 VDC Reversible PM Motor and Gear assm. in an Aluminum case. Output speed is 80 RPM through a friction clutch to a double shaft 1/2 X 3/4 on one side, 1/2 X 1 1/2 on the other. Size complete assm. 3 5/8 X 2 X 4 1/2 excluding shaft. Has built in noise filter system. Wt. 1 lb. 5 oz. Price..... \$ 4.95

TG-10 KEYSER MOTOR, 115 VOLT 60 CYCLE 1550 RPM, SHAFT 1-7/8", GEARED TO 80 RPM. SIZE: 3 1/2x3 1/2x4 1/2; WT: 3 LBS. #3H3000-3 REMOVED FROM TG-10 EQUIPMENT \$2.95

MOTOR OPEN FRAME, 117 V. 60 CYC 500 RPM 1 DIRECTION, 1000 OTHER. SHAFT 1/16x3; 2x3x4; #B30B 2LB \$1.

MOTOR 24 VDC, 2800 RPM, 6.5 AMP. 1/10 HP. SHAFT 1/2x1, REVERSIBLE. 5x3x3; 6 LB. EMERSON 0412 \$3.95

BENDIX BAND CHANGE MOTOR #AC56566-2 OPERATES FROM 28 VDC. THREE POSITION POSITIVE STOP. WITH SWITCHES & WAFFER ASSY. SIZE: 6x3x2 WT: 1LB. PRICE: \$2.95

GE #58C36A509 D.C. MOTOR 115 V. 1/12 H.P. 1140 R.P.M. REVERSIBLE. SHAFT SIZE 5/16" X 1-1/8". MOTOR SIZE 6X6X6; WT: 10 LBS. PRICE: \$4.95

Bendix LM108J 24VDC 1/25 HP 15,000 RPM Series Motor. Geneva Loc. Actuator. Shaft rotates 1/2 revolution and stops and is locked in place until next contact is made then the cycle is repeated-time per cycle app. 3 seconds. Size 4 X 2 1/2 X 5 1/2. Shaft size 1/2 X 1/2. Wt. 1 lb. 14 oz. Price..... \$ 4.95

General Electric 58A25MJ424 - Type BA 24 V @ 4.2A 7100 RPM 1/20 HP Flange mount Motor size 2 1/2" X 5". Shaft size 1/2 X 1 Wt. 5 1/2 lbs. Price..... \$1.95

ELECTROLUX MOTOR 28.5 VDC. 1.8 AMPS. 2200 RPM. 1/35 H.P. SHAFT SIZE 1 1/2 X 1 1/2 MOTOR SIZE: 4 1/2x3 1/2; WT: 5 LBS. PRICE: \$3.95

B-203 MOTOR, REVERSIBLE, SPLIT FIELD, SERIES WOUND, 2 SHAFTS 5 RPM & 200 RPM W/MICRO-SWITCH Es. 26 vdc. 6x4x4; 4 LB. \$2.95

EIGHTY (80) VOLT 60 CYCLE 78 RPM PHONO MOTOR ON MOUNTING PLATE. WILL ALSO OPERATE FROM 110 V W/RES. 3x3x3; 2LB \$.59

FLYER ELECTRIC MOTOR HEAVY DUTY 115 VOLTS AC-DC 50-60 CYC. 78 AND 33 1/3 R.P.M. 9x5x4 WT. 10 LBS. PRICE: \$1.50

MERCURY MOTOR 8100, 115 VOLT 60 CYCLE, 1750 RPM, OPEN FRAME 3x2 1/2x2, SHAFT 1/2x1 1/2, WT: 1 LB. PRICE: \$1.00

John Oster Shunt Motor B-9-1 27 1/2 VDC @ .7A. 5600 RPM. Aluminum Cased Motor and Gear assm. Motor is flange mounted to the Gear case. 2 gear reductions 22 and 5 1/2 RPM on 1/2 X 1 1/2 shafts. Size 2 3/4 X 3 X 7". Wt. 1 lb. 14 oz. Price..... \$1.00

ART-13 MOTOR 28 VOLT D.C. 3900 RPM, 1/20 H.P. REVERSIBLE, BALL BEARING. WILL OPERATE 1/2 VOLT SIZE 3x3x3 1/2; 2LB. #B-101/803/800. PRICE: \$1.95

OSTER 10 CFM Blower John Oster Motor C2EP-1A 27.5 VDC 1/100 HP 6000 RPM with blower 10CFM. Size 3 1/2 x 3 1/2 x 4 1/2 Wt 1 1/2 Motor & Blower \$3.95 Motor only 1.95

400 CYCLE BLOWER Eastern Air Devices 10 CFM Blower 115 Volt 400 cycle, 1/100 HP motor. Size 3 1/2x3 1/2x4 1/2 Wt. 1 lbs. PRICE: \$2.95

PINCOR BLOWER Cast Aluminum housing shunt type motor 24 VDC 5000 RPM, 10 CFM Blower. Motor noise filtered. WT 1lb 10 oz. Size 3 1/2x4 1/2x4 1/2. PRICE: \$2.95

OPEN TYPE BLOWER Delco motor 5069267 27 VDC 6000 RPM, reversible shunt type, flange mount. WT 1 lb size 1-3/4x2-5/8x2 1/2. Motor-Blower \$1.95 Motor only \$1.50

Delco PM Motor 12 VDC 10,000 RPM, GEARED TO ASSY. APPROX 250 TO PLASTIC WHEEL & POT. 4x3x2; 1 LB. #5092543/2 \$4.95

PHILCO GEAR REDUCTION NO. 441-1008, 24 VDC, 3.7 RPM 40 LB. IN. TORQUE, SHAFT 5/16x5/8, MOTOR 4x3 1/2x5 1/2; 4 LBS \$5.95

B-701/R-107 MOTOR FROM AS-313/ARN-6 LOOP ANTENNA. OPERATES FROM 26 VOLT 400 CYCLE, WILL OPERATE FROM 12 VOLT 60 CYCLE. GEAR TRAIN ASSY APPROX. RPM. SIZE 3x2 1/2x3; W/3/8" GEAR. WT: 1 LB. PRICE: \$3.95

CAMERA MOTOR Open frame used in aircraft cameras 12 Volt AC-DC Double end shaft 1/8 X 1/2, motor size 2 1/2x2 1/2, 5000 RPM. # CM-120 Price \$1.95

ACTUATOR LINEAR, RATED LOAD LBS. STAT.-200, TEN.-25-50 COMP.-25-50, TRAVEL 2 1/2" MOTOR 115v4000CYCLE, 6000 RPM. DUTY 1/10, H.P. .04, TORQ. OZ. 11 6.7 WITH LIMIT SWITCHES. USED AIRSEARCH#35906-30 \$2.95

LINEAR ACTUATOR, STAT. 750, TENS. 375, COMP. 200, ARM. TRAV 5-7/8", H.P. 115 V. 400 CYCLE 6000 RPM, DUTY 1-10, HP .04 SIZE 1 1/2x3 1/2, WT: 5LB. USED AIRSEARCH#31914 \$3.95

D.C. ACTUATOR 26 V. 1.5 A. DUTY 3/20 MP .015, RPM 7500 \$2.95 STATIC 600, TEN. 130 COMP. 90, TRAVEL 1 1/2" 8x5x3; 4 LB. ELA-3-139-2

SPERRY FAN & MOTOR No. 708963; 115V 3 PHAS 60 cyc 3450 RPM 1/20 HP MOTOR 4x3 1/2 BLADE 6" W/STAND \$4.95

DELCO MOTOR #A7155, 27VDC 1/30HP 2.4A, 3600RPM 5 1/2x2 1/2; SH 1/2 \$2.95

BULLS EYE LIGHT
DULL FINISHED
BRASS, DOUBLE
CONTACT, BAYONET
BASE, RED LENS
1" MTG. HOLE W/ 12 VOLT BULB LM-44, SIZE 1 1/2 x 3. #226125-22
PRICE: 39¢ EA. 3 FOR \$1.00

RUBBER SHOCK MOUNTS
4 LB. #4 \$.30
6 " #6 .35
10 " #10 .40
12 " #12 .50
16 " #16 .60
24 " #24 .75
35 " #5215 .75
OTHER TYPE MOUNTS AVAILABLE IN LIGHTER & HEAVIER. ADVISE NEED

TUBE SOCKETS
OCTAL CERAMIC 2 HOLE MTG. \$.25
" " RING " " .15
" BLACK " " .15
LOCTAL CERAMIC " " .20
LOCTAL MICA 2 HOLE MTG. .15
14 PIN MICA SMALL 1 1/2" MTG. .15
4 PIN CERAMIC 2 HOLE MTG. .25
5 " RING " " .29
6 " 2 HOLE " " .29
7 " " " " .29
4 7/8 / 7 9 PIN WAFER " " EA. .10
7 9 PIN MICA SMALL " " .20
9 PIN CERAMIC " " .35
METAL SHIELDS SMALL 7-9 " .10

829 CERAMIC SOCKET .75
872 " " W/ SHOULDER .75
811/866 " " W/ " .75

GIANT 4 CONTACT CERAMIC SOCKET FOR 872, 211 ETC. 3 1/2" RD. GE #ML 7461594-G1 PRICE: USED \$.39

GIANT 4 CONTACT CERAMIC SOCKET FOR 715, 718 ETC. 3 1/2" RE STK #227684-98 PRICE: NEW \$.50

GIANT TUBE SOCKET 7 CONTACT FOR 813 4E27A ETC. 2 1/2" SQ GE #M 7466795-1/442 PRICE: \$.75 USED

REGULATOR CURRENT AUTOMOTIVE TYPE OPEN FRAME 50 AMP. SIZE 2 1/2 x 2 1/2 x 1 1/2 LB. RD. #G1026184433 DELCO #1884042 \$1.00

TERMINAL STRIPS WITH CLIPPED WIRES
AMT. TERMINALS - 6 - 8 - 10 - 12 - 14
1" WIDE EACH .15 .20 .25 .30 .35
1 1/2" WIDE " .20 .25 .30 .35 .40

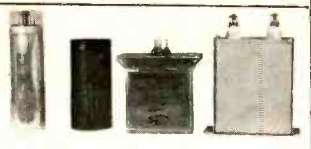
BINDING POSTS 7 ON A BAKE-LITE STRIP, THUMB SCREW TYPE TERMINALS. REMOVED FROM EQUI PRICE: \$.35 EA. 3 FOR \$1

TELEPHONE SIGNAL DROP SWITCH BOARD UNIT WITH MOMENTARY & HOLD MULTI-CONTACT LEVER SW RING IN DROP RELAY & PHONE JACK. SIZE 1 1/2 x 8 x 3. WT: 1 LB. #EE-2 \$.39 EA. 3/\$1 USED PL-11 PLUG ON 30" CORD \$.35 EA.

SW-118 SWITCH ASSY. SPST, ONE SIDE HOLDING ON - OTHER SIDE MOMENTARY ON, CENTER OFF SWITCH SIZE 2 1/2 x 1, CASE SIZE 2 1/2 x 1. PRICE: \$.35 EA. 3 FOR \$1.00

B-9A SWITCH ASSY SPDT CENTER OFF 5 AMP. 125 VOLTS TWO HOLE MTG. SIZE: EA. SW 3/4 x 2 x 1. \$.35 EACH BANK OF FOUR \$1.

Capacitors



MFD	VDC	SIZE	PRICE
2000	15	1 1/2 x 4 RD	\$.59
6000	75VDC	3 x 4	2.95
1000	50	1 1/2 x 4 RD	.55
25M	25VDC	3 x 4	2.95
24U00	3	4 x 3 RD	1.50
4	400	2 1/2 x 3 1/2 x 1 1/2	.25
5x5	400	3 1/2 x 3 x 2	.50
10	400	4 x 4 x 1	.75
.5	500	1 1/2 x 1 x 3/8	.20
2	600	1 1/2 x 4 x 1	.25
4	600	3 1/2 x 2 x 1 1/2	.50
6	600	4 1/2 x 2 x 1 1/2	.75
7	600	4 x 4 x 2	.85
10	600	3 1/2 x 4 x 1 1/2	1.10
2 1/2 / 2 1/2 / 5		6 1/2 x 4 x 2	.75
1	1000	1 1/2 x 2 x 1	.50
2	1000	1 1/2 x 4 x 1	.95
15	1000	3 1/2 x 4 x 2 1/2	2.95
1-1-1	1200	3 1/2 x 3 x 2 1/2	1.00
1	2000	2 x 3 x 1	1.25
.5	1500	2 1/2 x 1 x 1	.75
.5	2000	2 1/2 x 1 x 1	.95
MFD	VAC	SIZE	PRICE
5	660	3 1/2 x 4 x 1 1/2	1.95
15	330	3 1/2 x 5 x 1 1/2	1.75
1	1000	3 1/2 x 4 x 2	.75
6000	MFD	50 VDC	2 1/2 x 4 x 2 \$2.50
7500	MFD	35 VDC	2 1/2 x 4 x 2 #451-03 \$2.25
16,000	MFD	45 VDC	3x6 #80362-3 \$3.95
20,000	MFD	50 VDC	20,000 MFD 50 VDC
3x6	#1BPX89-3		\$4.95

WESTERN ELECTRIC D170563 CAPACITOR
1-CAN. 1 UF 5000 VDC
2-3 1.0 UF 2000 "
3-4 1.0 UF 2000 "
SIZE: 5 1/2 x 5 x 2; WT: 3LB
PRICE: \$1.95

10 MFD @ 2000 VDC 4 1/2 x 4 1/2 x 3 1/2 3LBS. 5910-819-2151 \$5.95
2 MFD @ 4500 VDC 5x4x3; WT: 4 LBS. F350-7628821 \$6.95

MFD	VDC	SIZE	PRICE
15	1000	3 1/2 x 4 x 2 1/2	\$1.95
10	600	3 1/2 x 4 x 1 1/2	1.10
6	600	4 x 2 x 1 1/2	.75
4	600	3 1/2 x 2 x 1 1/2	.50
8	1500	3 1/2 x 5 x 2 1/2	2.95

Switches

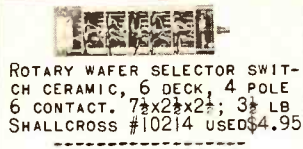
Switches removed from new equip.

TYPE	MTG	VOLTS	ST#	PRICE
S.P.S.T.	NUT	3A/125	SW-105	.20
S.P.D.T	"	"	8839K1	.35
4.P.S.T.	"	"	883K2	.55
D.P.S.T	"	"	8822K1	.35
D.P.D.T	"	"	SWP221	.50
S.P.S.T.	"	"	8817K2	.25
(Momentary)				
D.P.D.T.	"	"	ST-22R	.40
(Momentary one side)				

HEAVY DUTY TAP SWITCH 5 POSITION FOUR HOLE MOUNTING SIZE: 2 1/2 x 2 1/2 x 1 1/2 STK# 329627 \$1.50

ANTENNA CIRCUIT SWITCHING SWITCH 100 WATT Size 4 1/2 x 2 3/4 3/Make 3/Break #329626 \$2.50

ROTARY SWITCHES



ROTARY WAFER SELECTOR SWITCH CERAMIC, 6 DECK, 4 POLE 6 CONTACT. 7 1/2 x 2 1/2 x 2 1/2; 3 LB SHALLCROSS #10214 USED \$4.95

SWITCH ROTARY CERAMIC WAFER 5 DECK, 1 POLE, 9 POSITION 7 x 2 x 2; 1 1/2 LB. SIL. PL. CONT. #5930-185-0597 \$1.95 NEW

SWITCH ROTARY BAKELITE WAFER 8 POSITION, 3 SECTION, SECT. #1 NON-SHORTING TYPE CONT. SECT. #2 & 3 SHORTING TYPE CONTACTS. 3x2x2; WT: 8 OZ. #329825-75.4 NEW \$1.00

SWITCH ROTARY, 3 SECT: 5 SWITCHING POSITIONS, 6 MOVING, 36 FIXED CONT, 6 POLES 5 THROWS, COMB. SHORTING & NON-SHORTING. 3 1/2 x 2 1/2 x 2 1/2; 8 LBS. #329825-81.5 \$.75

SWITCH ROTARY BAKELITE WAFER 2 DECK, 5 POSITION, 1 POLE MOMENTARY 5 POSIT. 2x2x2 #SW-145 39¢ EA. 3 FOR \$1

GE CERAMIC POWER SWITCHES 2 DECK 3 POSITION; 2x3 IN. GE #ML 746812-G1/403 \$1.95

2 DECK 4 POSITION; 2x4 IN. GE #P42J198-1/394 \$1.95

2 DECK 3 MAKE, 4 BREAK GE #ML 7464910; 2x4" \$2.25

ROTARY SELECTOR SWITCH, ONE DECK CERAMIC, 11 POSITION, 2" DIA. STK#329825-62.178 PRICE: \$.59 EA. 2 FOR \$1

Kits \$1.00

DISC CERAMIC CONDENSERS 33 ASST. 15MMF-.01MFD. Good Value \$1.00 a KIT

TUBULAR CONDENSER 50 ASST. .00025 to .1 200 to 600 V \$1.00 a KIT

MICA CONDENSERS 25 ASST. 10 MMFD To 6800 MMFD. \$1.00 a KIT

TRIMMER CONDENSERS 25 ASST. 3 to 250MMF WIDE RANGE \$1.00 KIT.

RESISTORS INSULATED 50 ASST. 1/2, 1 & 2 Watt wide range of good values 50 ASSORTED \$1.00

RESISTORS WIREWOUND 25 ASST. 5 to 20 Watt. Wide range of values some tapped. 25 ASST \$1.00

VOLUME CONTROLS 10 ASST. Popular Values \$1.00

TUBE SOCKETS 20 ASST. Octals Locals Miniatures Wafers etc \$1.00

PILOT LIGHT SOCKETS 25 ASST Bayonet Screw etc. \$1.00

TERMINAL STRIPS, Tie lug strips, ASST types. 25 for \$1.00

BUZZER FOR SWITCH-BOARDS BD-91/BD-96 OPERATES 2-6 VDC 4-9 VAC, NON-POLARIZED; 10.5 OHMS. VIBRATING ADJUSTABLE TYPE. SIZE 2 1/2 x 2 1/2; WT: 4 OZ. PRICE: \$1.

PE-109B INVERTER FILTER, MALLORY NF-1-2/ LELAND B-2037, REF. 120 STK. #342575-109B 3 1/2 x 3 1/2; WT: 2LB NEW \$1.50

BC-603, BC-683 BC-604 & BC-684 SPARE PARTS CHEST FOR STORING TUBES & PARTS. SAME SIZE & SHAPE AS RECEIVERS 2 COMPARTMENTS. SIZE 7 1/2 x 11 1/2 x 11 WT \$1.00

METAL BOX WITH REMOVEABLE TOP, CUTOUTS FOR AC OUT LETS & SWITCH. SIZE: 6 1/2 x 4 1/2 x 4 1/2 PRICE: \$.50

ALARM BELL OPERATES ON 24 VDC. 4 1/2 x 4 1/2 x 2 1/2 # 561-3 \$1.25

HORSESHOE MAGNETS 5 lb. Lift 2 1/2 x 3 3/8" 1/2 lb. \$.50 25 lb. Lift 2 1/2 x 2 1/2 x 1 1/2 1 1/2 lb. 2.90

HAND TYPE MAGNETO GENERATOR USED FOR RINGING TELEPHONE LINES, OUTPUT ABOUT 100 VOLTS. CAN ALSO BE USED AS SHOCK MACHINE, LIGHT SMALL BUBBLES OR DRIVE WORMS OUT OF YOUR LAWN BY PLACING THE THE OUTPUT TO METAL STAKES AND DRIVING THEM INTO GND.

GN-38 WITH THREE MAGNETS \$2.95

GN-38B PERMANENT MAGNETS 2" x 1" \$3.95

G-25A ROUND TYPE MAGNETO \$2.50

T-39 MICROPHONE AND CHEST UNIT THAT WAS USED TO CARRY DRY CELL BATTERIES. PHONE JACK AND 1 FT. CABLE WITH 8 RECEPTICAL PLUG. ON-OFF SW AND FUSE HOLDER. INSIDE DIMENSIONS 5 1/2 x 1 1/2 x 9. WT: 6 1/2

MINIMUM ORDER \$3.00

TRANSFORMERS

SECONDARY
6.6 VAC
36 AMPS
PRIMARY
105, 110, 120, 125
60 CYCLE



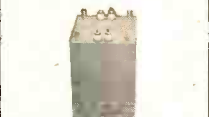
23 LBS.
SIZE 6 1/2x5x4
#9T35Y245 \$9.95

SPECIAL 2/24
VOLT WINDINGS
OUT OF PHASE
250 MA. 115 V
60 CY INPUT. 2x2x2 1/2
1 LB #26836 \$1.75



1-177
TUBE CHECKER
TRANSFORMER
SIZE: 4 1/2x4 1/2x4 1/2
STK # 229613.667
PRICE: \$4.95

TRANSTAT
VOLTAGE
REGULATOR
FIXED WINDING
115 VAR
VARIABLE RANGE 103-
126 V 60CYC
2.17 AMPS. 5x6x6
WT: 15 LBS. #29144
\$4.95



PRI: 120 V 60CYC
PRIMARY BUCK-BOOST
WINDINGS: 1.2V,
3.6V, 10.8V
SEC: 12.8V CT 20A
4x5x7 1/2 WT. 24LB
#1043 \$8.95

PRI: 115 V. 60C
SEC: 2.5V 1.75A
2.5V 1.75A
6.3V .6 A
3 1/2x5x3 1/2 WT. 8 LBS
229611.127 \$1.95

PRI: 115V 50-1000CY
SEC: 34 V 3.5 AMP
SIZE: 4x5x4; 15 LB
#5950-518-4306
\$4.95



PRI: 115 V. 60 CY
SEC: 2.2 V.
ALSO TAPPED WIND.
0-60V 10 TAPS 4
VOLTS EA. 1 TAP
20V. HV AMPS 4 LOW
EST VOLTAGE 20 A.
6x4x5; WT: 25 LBS
#6120-473-6811
\$7.95

400
CYCLE
TRANSTAT
VOLTAGE REGULATOR
FIXED WINDING 115
VARIABLE RANGE
75 TO 120 V, 400
CYCLE. 6 AMPS.
SIZE 5x6x6; 13 LB
SCNo. TF-12A \$4.95



TF45X02YY
THREE PHASE
PRI 171V 50-450CY
SEC 28V @ 40A
6x7x9 1/2 WT. 45LBS
PRICE: \$14.95

OUTPUT
TRANSFORMER
30 WATT
PRI: 8000 OHM
SEC: 4/8/15 OHM
3x3x3 1/2; WT: 2LB
#TG-10/27291

2 WATT OUTPUT TRANSFORMER, PRI. 2500 OHM SEC. 3.2 OHM #49872 79¢

MICROPHONE TRANS.
PRI: 15 OHM
SEC: 5000 OHM
SIZE: 1 1/2x1 1/2x2
PO/AM-26/ATC
STK#229631.121
PRICE: \$0.59



AUDIO OUTPUT TRANS
PRI: 450 OHMS
SEC: 300/4000 OHMS
IMPEDANCE
PO/BC-348
STK# 2C4349W/T
2x2x4 WT. 2 1/2 LBS.
PRICE: \$1.00

MICROPHONE
PRI: 14.5-21 OHM
SEC: 4475-6500
OHMS
CARBON MIC.
2 1/2x3 1/2x2 1/2
#P7762352G1
\$1.00

OUTPUT
TRANSFORMER
NP/NS-1.77/6.6, 50
TO 5000 CYC. 5MA.
SIZE: 2x2x2
GEM 7465623-1
PRICE: \$7.75

MICROPHONE
Transformer
Pri: 1 ohm
Sec: 2000
1 1/2x2x1 1/2
3T#229666A
Price \$1.59

LOW VOLTAGE TRANSFORMERS

ALL PRIMARIES 105, 110, 1120, 125 VOLT, 60 CYCL

SEC: 6.6 V 25 AMP
4 1/2x6x4; 17 LBS.
GE#9T35Y244 \$4.95

SEC: 6.6 V 18 AMP
3 1/2x5x4; 12 LBS.
GE#9T35Y159 \$3.95

SEC: 6.6 V 10 AMP
4x3x4; 9 LBS.
GE#9T35Y158 \$2.95

SEC: 6.6 V 10 AMP.
6.6 VCT 1 "
5x4x3 1/2; 10 LBS.
GE#9T35Y181 \$3.25

SEC: 6.3CT 3.6 AMP
2 1/2x3x2 1/2; 2 LBS.
#5950-651-5319
\$1.50

PRI: 115 60 CYC
SEC: 6.3 CT 1AMP
2 1/2x3 1/2x2 1/2; 2 LB.
#5950-648-4768

PRI: 115 V. 60 CYCLE
SEC: 25 V. 0.5 AMP.
2x2x2 1/2; 1LB. #5950-754-9573
\$1.25

FILAMENT TRANSFORMER
PRI: 70/100/140/200
60 CYC
SEC: 12.6 CT .7 A
6.3 CT .9 A
6.3 CT 1.5 A
6.3 CT 1.5 A
2.5 KV TEST
SIZE: 3 1/2x3x4 WT 5
STK# GE-7455625-P1
PRICE: \$2.95

SEC: 6.3 V 3.1 AMP.
6.3 V 2.5 " "
6.3 V 0.45 " "
6.3 V 0.30 " "
5.0 V 2.0 " "
5.0 V 2.0 " "
3 1/2x4 1/2x3; 4 LBS.
#TF1A01JA \$3.95

PRI: 100-130V
50-60CYC
SEC: 40V @
16.5 AMP
SIZE: 7 1/2x6 1/2x6
WT. 31 LBS.
5950-646-1459
\$14.95

PRI: 117V 50-60CYC
SEC: 3/5V CT @ 2A
2/5V CT @ 2A
2/2.5V CT @ 10A
7x4x3 1/2 WT. 12 LB
GILFILLAN #54148-1
PRICE: \$5.95

PRI: 115 V. 60 CYC
SEC: 5 V. 2 AMP
5 V. 2 " "
4 1/2x5 1/2x2 1/2; WT: 8 LB
#229611.389 \$1.95

PRI: 105-125V
50-60CYC
SEC: 1100V CT @
250 MA
SIZE: 5 1/2x5 1/2x4 1/2
WT. 16 LBS.
UTC 52336
\$6.95

PRI: 115 V 60 CYC
SEC: 6.3 V 25 AMP
4 1/2x6x4; 17 LBS.
GE#9T35Y244 \$4.95

HIGH AUDIO
ALTEC LANSING 70W
OUTPUT TRANSFORMER
PRI: 3300 OHM CT
SEC: 250 & 500 OHM
SIZE: 4 1/2x5x4 1/2
WT. 13 LBS.
STK# TMJ-217A
PRICE: \$2.95

HIGH VOLTAGE TRANSFORMERS

TESTS HAVE SHOWN THAT UNDER LOAD TRANSFORMER WILL DELIVER 2000 VOLT DC 300 MA.

PRI: 109, 115, 120, 126, 60CYC
SEC: 2500 VOLTS EACH SIDE
CENTER TAP RATED AT
120 MA. 6500 P.W.V.

SIZE: 7 1/2x6 1/2x6 1/2; WT: 42 LBS.
TF1A02YY \$19.95

PRI: 105-125V
50-60CYC
SEC: 1100V CT @
250 MA
SIZE: 5 1/2x5 1/2x4 1/2
WT. 16 LBS.
UTC 52336
\$6.95

PRI: 115 V. 60 CYC
SEC: 1000 V. 78 MA.
CASE IS CENTER TAP.
6.3 V. 3.2 A.
6.3 V. 2.1 A.
5.0 V. 3.0 A.
4 1/2x5 1/2x3 1/2; 12LB #KS8877 \$3.95

PRI: 105-110-115-
120-125
SEC: 365 V 775 MA
TAP. 340 V 525 MA
850CT 30 MA
5 V 2 A
6x7x5 1/2 30 LBS.
GE7415214
\$4.95

PRI: 105-110-115
120-125
SEC: 560CT 75 MA
365 V 150 MA
TAP 335 V
3 1/2x5x3 1/2 8 LBS.
TF1A02JA
\$1.95

PRI: 117 V 60 CYC
SEC: 450 V 140 MA
12.6 20 AM
5.0 2 " "
4 1/2x6x4; 15 LB
E00 10498 \$6.95

PRI: 115/230 60 CYC
SEC: 482 CT 170 MA.
6.5 CT 5.7 AMP
12.4 V .39 " "
AUX. VIBRATOR CIRC.
3 1/2x5x4; WT: 10
229621-554 \$3.95

PRI: 105-110-115
120-125
SEC: 390 V 1.23A
TAP 365 V 720 MA
7x8x6 1/2 45 LBS.
GE 745213
\$6.95

PRI: 115 V 60 C
SEC: 675 VCT 500 MA.
150 " " "
27 " " "
6.3 V. 10 A.
5.0 V. 6 A.
6x7x6 1/2; 42 LB.
#P1-32301
PRICE: \$6.95

PRI: 105/110/
115/120/125
54/66 CYC.
SEC: 365 V
TAPPED 335 V
500 MA.
4 1/2x5x3 1/2; 9 LB
ADC#48691
\$2.95



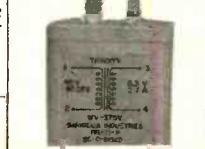
PRI: 120/240V 60C
SEC: 16 V 8 AMP
16 V 8 " "
SERIES SECONDARY
32 V 8 AMP
PARALLEL 16x16 " "
4 1/2x4x4; 13 LBS.
#1479-L018
PRICE: \$7.95

PRI: 115 V 60 C
SEC: 6.3 V 3.6 A
15 V. 0.04 A
15 V. 0.04 A
SIZE: 3x3x3 1/2; 4 LBS
STK#ORD7629806
PRICE: \$1.50

PRI: 115 V 60 CYC
SEC: 6.3 V 2.75 A.
6.3 V 5.5 A.
SIZE: 3 1/2x4 1/2x3 1/2; 5 LBS
STK#ORD7629805
PRICE: \$2.50

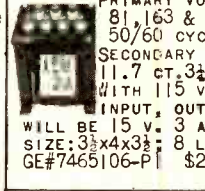
PRI: 115 V 60 CYC
SEC: 6.3 V 4 AMP
SIZE: 4x3x3 1/2 5 LBS.
STK#ORD7629823
PRICE: \$1.50

PRI: 120V 50-60CYC.
SEC: 5V CT @ 10.8A
SIZE: 5 1/2x3 1/2x3 1/2
WT. 8 LBS.
#L 217247-1
PRICE: \$3.95



PRI: 115 V 60 CYC
SEC: 6.3 V 2.7 AMP
SIZE: 2 1/2x2x2 1/2; 1 LB.
STK#5950-186-9789
PRICE: \$1.50

PRIMARY VOLTS
81, 163 & 230
50/60 CYCLE
SECONDARY VOL
11.7 CT. 3 1/2 A.
WITH 115 VOLT
INPUT, OUTPUT
WILL BE 15 V. 3 AMPS.
SIZE: 3 1/2x4x3 1/2; 8 LBS.
GE#7465106-P1 \$2.95



PRI: 115V 60 CYC
SEC: 2/6.3V 1.2A
SIZE: 3 1/2x2 1/2x5
WT. 4 1/2 LBS.
#7629809
\$1.75

PRIMARY VOLTS
81, 163 & 230
50/60 CYCLE
SECONDARY VOLTS
12 CT. 3 1/2 AMPS
12 CT. 3 " "
13 CT. 10 " "
@ 115V 2/16V-3A 1/17V
10A. SIZE 4x7x7 18LBS.
GE#7466333 \$5.95

PRI: 115V 60CYC
SEC: 40-0-40V .18A
3x3x5 WT. 5LBS
#7629808
\$1.50

PRI: 110V 60 CYC
SEC: 6.3V 2A
12.6V 1.5A
SIZE: 2 1/2x2 1/2x4
WT. 4 LBS.
5950-556-1826
\$2.50

PRI: 115V 60 CYC
SEC: 5.7V 21.8A
3 1/2x4x5 WT. 9LB
GE-7459149
PRICE: \$6.95

PRI: 120 V 60 CY
SEC: 2.5 V 10 A.
NO CT. INS. 10M.
4 1/2x3 1/2x5; 8 LBS.
#229611.144
\$2.95

PRI: 115 V. 60 CYC
SEC: 54 V.C.T 2A.
13 V. @ 5 A.
4 1/2x4 1/2x3 1/2; 6 LBS.
82-70-5511 \$4.95

SAME TYPE AS ABOVE
115 V. 60 CYCLE; SEC. 52
VOLT C.T @ 2 AMPS #82705510
3 1/2x3 1/2x3 1/2; 4 LB. \$3.95

PRI: 200/220/240V
50-60 CYC
SEC: 10V CT @ 10A
4x4x5 1/2 WT. 11LBS
THERMADOR CS-8705
PRICE: \$3.95

PRI: 115 V 60 CYC
SEC: 36 V 12 AMP
4 1/2x6x4; WT: 15 LB

PRI: 117V 60-400CYC
SEC: 750 VCT 55 MA
5.0
6.3 V @ 5 AMPS
3 1/2x3x4 WT 5 LBS.
#271-P-1 \$2.95

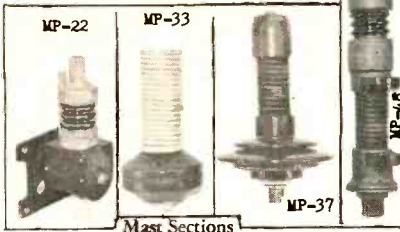
PRI: 110/120/
50/60 CYC
SEC: 120/140
CT. 7.1 AMP.
SIZE: 6 1/2x7x6 1/2;
WT: 47 LBS.
#5950-268-8681
\$8.95

PRI: 110/120/
50/60 CYC
SEC: 120/140
CT. 7.1 AMP.
SIZE: 6 1/2x7x6 1/2;
WT: 47 LBS.
#5950-268-8681
\$8.95

FURNACE CONTROL
TRANSFORMER
PRI: 115/230V 60C
SEC: 23V 1.8A
MOUNTED ON 4x4
PLATE WITH 2x4
ELECTRICAL JUNCT
BOX. WT. 4LBS.
\$1.50

ANTENNAS

Mast Bases



Mast Sections

3 ft. Tubular steel, cooper coated and painted sections. These screw together to make any desired length, MS-49 being the top & smallest section increasing in size through MS-50-51-52-53 to MS-54 being the larger one. Either the MS-53 or MS-54 will fit together to form any additional height desired. Example a 33 ft. vertical may consist of one each MS-49, 50, 51, 52, and 7 each of MS-53 or it may be finished out on the bottom with 6 MS-54 sections. Self support to about 18ft. Average wt. app. 3/4lbs. MS-49-50-51-52-53 .50ea. MS-54 .75ea

Mast Bases

- MP-22** Side mount swivel mast base will tip to 90° either right or left. Has a spring snap lock in the vertical position, will take either the MS-53 or MS-54 mast sections. Size Mtg. plate 5" 6" X 10 1/2" high. Wt. 9 lbs. Price.....\$2.95
- MP-22A** Same as above except mounting hole is for the MS-51 with the MS-49, MS-50 and MS-51. This will make a 9 ft. tapered antenna. Price \$2.95
- MP-33** A heavy weight spring mast base for the MS-53 or MS-54 with 5" phenolic insulator. 10 1/2" high. Requires a 2" Mtg. hole. Wt. 8 1/2 lbs. Price\$3.95
- MP-37** Heavy coil spring with an 8" climeter ceramic insulator. Requires a 2" Mtg. hole. 12" high Wt 10 1/2 lbs. Price.....\$5.95
- MP-48** A rugged mast base with the insulator above the spring will take the MS-53 or MS-54 mast sections. Size 3"D. X 16 1/2"H. Wt. 11 3/4 lbs. Price..... \$4.95

PARABOLIC ANTENNA

DISH PAN TYPE, FOUR (4) FOOT DIAMETER ALUMINUM PAINTED GREY, 21" FEED FOR APPROX. 7100 MC. THREE INCH ROUND MTG. FOR WAVE GUIDE SIZE 1-5/16 X 5/8, FT. (4) MOUNTING STUDS WITH HARDWARE.

PHILCO#463-2252-1. SHPG. WT. IN CRATE 225
PRICE: \$29.95 DEFROST ATTACHMENT \$5.00 EXT.
LESS FEED SHIPPED IN CARTON WT. 75
LBS. SLIGHTLY DENTED \$19.00 FEED \$5

SIX HALF FT ANTENNA ANDREW # N-14519, DISH TYPE UY-2B 1700 TO 1850 MC. WITH FEED STUB, PIPE MOUNTING ALUMINUM PAINTED GREY, 6 FT. 6 INCHES. SHPG. WT. 415 UNUSED \$49.50

REFLECTORS

MICROWAVE, PLANE TYPE CONFIGURATION, ALUMINUM, NOT PERFORATED. MOUNTED BY FRAME WORK OF REFLECTOR AND BRACKETS WITH HARDWARE, GUYS AND ADJUSTMENT FOR AZIMUTH. SIZE: 8 FOOT X 6 FOOT, NET WT. 125 LBS. SHPG. WT. 375. PRICE: \$50.00

- AS-150/ART Whip Antenna 30" long with 8ft. matching coax cable & SO-239 plug. \$1.50
- AS-97/ART Whip same as above except 72"rod. 1.95
- AS-27/ARN-5 Horizontal folded dipole as used with RC-103, BC-T33, ARN-5 Equip. on airplanes. 108-110 MC. UNUSED \$5.95
- AN-148 Dipole Antenna 150 to 180 MC. 2.95
- AN-104A Stub Antenna f/SCR-522 100-156MC. 1.95

AS-27

AN-148

APS-2 REFLECTOR

POLISHED SPUN ALUMINUM. BAND CAN BE REMOVED. DIAMETER 29" X 27" FOCAL LENGTH 5" HOLE DIAMETER 2 1/2" SHPG. WEIGHT 6 LBS.

STRAIN INSULATOR Size 1x3 4 for \$1.

INSULATOR TERMINAL STRIP
8 feed thru insulators size 1/2 x 1, mounted on 1 x 9 terminal strip. Each strip \$.35 Four strips \$1.00

ANTENNA PHOSPHOR BRONZE #16
1 CONDUCTOR WITH 2 SNAPS & SLIDE CONNECTOR, INSULATED.

AN-22 " 20 " .65

GROUND PLANE ANTENNA

Ground plane antenna to cover 20 to 50 MC. Made from surplus insulated base & screw in type mast sections. Mounts on 1 to 2 inch pipe. Specify operating frequency range.

AN-45 TELESCOPING ANTENNA 8 FT. \$1.95

GROUND PLANE ANTENNA

AS-158/APA-24 DIPOLE ANTENNA CONSISTS OF TWO DIPOLES THAT EITHER CAN BE USED IN A HORIZONTAL OR VERTICAL POSITION, FREQUENCY RANGE 450 TO 750 MC. MOUNTED ON 34" MAST, TWO LENGTHS OF TWIN COAX. WITH PLUGS 4 1/2 FT. PRICE: \$2.50

AS-65/APQ-2A ANTENNA ASSEMBLY CONSISTING OF 2 3" BASES WITH UG-23 COAX. CONN. AND ALUMINUM RODS 3/12", 1/9", 1/7", 1/5", 1/4". WT: 4 LBS. PRICE: \$.50

AT-598/APT WHIP ANTENNA WITH COAX. REC. F/UG-100A/U. WT: 5 LBS. \$1.50 MATCHING COAXIAL LINE RG-14 11" W/2UG-100, 1 UG-109 \$2.

AT-35 DIPOLE ANTENNA 200-250 MC. WITH UG-22 COAXIAL CONN. 2A288A-35 \$1.50

SPREADER INSULATORS WHITE CERAMIC
3/4"x4", 2 1/2" HOLE. CENTERS. \$.25 EACH 5 FOR \$1.00
3/4"x12", 10" HOLE CENTERS \$.45 EACH, 3 FOR \$1.25

AN-109 WHIP ANTENNA: 5 FT. TAPERED 1/4 TO 1/8 PRICES: \$1.50 EACH SIX (6) FOR \$3.00

AN-117 WHIP ANTENNA: 6 FT. TAPERED 5/8 TO 1/8 PRICES: \$1.50 EACH SIX (6) FOR \$3.00

TRANSMITTING LEAD-IN INSULATOR, 15" LG. THREADED ROD W/ CONE INSULATORS 2/x2x1 EA. END, 8" ADJUSTABLE INS. BETWEEN CENTS. #4238, 2LB \$2.00

AN-745 TELESCOPING WHIP 8 FT. TAPER 5/8-1/8 PRICE: \$1.00 EACH SIX (6) FOR \$4.00

AN-130 GOOSENECK WHIP 30", SCREW BASE FITS INSULATOR LISTED BELOW. PRICE: \$1.00 EACH SIX (6) FOR \$4.00

AN-20T CHROME TELESCOPING 20" PRICE: \$.50 EACH SIX (6) FOR \$2.00

2A-124 ALUMINUM ROD 3/8" X 6 FT. NO TAPER PRICE: .75 EACH SIX (6) FOR \$3.00

PARABOLIC ANTENNA REFLECTOR 13" DIAMETER, 2 1/2" FOCAL, 3/4" HOLE P/O AS-217 ANTENNA, 2LB #2A3163 PRICE: \$1.95

RADIATING STUB FOR PARABOLIC ANTENNA 1 1/2" LG. TO FIT WAVE GUIDE 3/8x7/8. #7628350 1LB. PRICE: \$1.95

A-62 PHANTOM ANTENNA

Used with BC-604 TRANSMITTER FOR LOADING TRANSMITTER WITHOUT USE OF REGULAR ANTENNA. CAN BE USED FOR ANY TRANSMITTER IN THE 21 TO 28 MC. BAND. HAS A VARIABLE CAPACITOR 55 MMF., 2/RESISTORS, COIL SLUG TUNED, BINDING POSTS AND INDICATOR LAMP THAT LIGHTS WHEN TRANSMITTER IS LOADED. SIZE 3x6. WT: 4 LBS

AB-52/TRC-8 HALF WAVE DIPOLE ANTENNA & REFLECTOR 230-250 MC. 50 OHM COAX. CABLE FEED DIPOLE 1/2" DIA X 20" LG. 14" SUPPORT, UG-22 COAX FITTING, REFLECTOR 36x30, FOLDS TO 30"x23"x8", MOUNTS TO MAST HEAD BY MEANS OF ADJUSTABLE CLAMPS AND CAN BE USED FOR HORIZONTAL OR VERTICAL POLARIZATION. WT: 20 LBS. PRICE: \$3.95 UG-21 COAX. CONN. TO FIT ANTENNA \$.75

AN-190 LOOP ANTENNA, FREQ. RANGE 3.5 TO 6 MC. CONSISTS OF 5 TURNS OF WIRE ON A COLLAPSIBLE WOOD FRAME WITH HANDLE, 3FT OF CABLE WITH PLUG AND COUPLING ADJUSTMENT. CAN BE USED ON OTHER FREQUENCY SIZE: OPEN 21 1/2 x 27 1/2, CLOSED 17x3; WT: 4 LBS. \$1.50

MN-20 MANUAL ROTATABLE LOOP ANTENNA, USED AS A DIRECTION FINDING ANTENNA IN THE 150 TO 1500 Kc FREQ. RANGE WITH MN-26 & RA-10 RECEIVERS OR ANY OTHER TYPE IN THIS RANGE USED \$2.95 UNUSED \$3.95

MN-52 AZIMUTH CONTROL BOX W/O-360 DEG. DIAL, LIGHT & CRANK USED WITH MC-124 FLEXIBLE SHAFT THAT IS CONNECTED TO THE LOOP AND WHEN CRANK IS TURNED LOOP TURN UNUSED \$2.95

MC-124 FLEXIBLE SHAFT FOR USE WITH LOOP AND CONTROL BOX, 5 1/2 FT. \$1.95 EACH EXTRA FT. 25¢ SPECIFY/SHIP CLOSE

CABLE FOR ANTENNA LEADIN 5 WIRE SHIELD WITH PLUG TO FIT LOOP OTHER END BARE WIRE 8 FT. LG. #AC58267 \$1.95

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS THAT TUNES FROM 200 TO 1750 KC OPERATES FROM 26 VOLT 400 CYCLE SIZE: 10x11x5; WT: 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95

RADAR ANTENNA RCA#636500-1 24" PERFORATED REFLECTOR, 12" STUB, 1/4 H.P. MOTOR 208 V. 400 CYC. 3 PHASE 360 DEG. ROTATION, 22.5 VARIABLE ANGLE AY-221S RESOLVER, 36/11.8 V. 400 CYC, 2 PHASE, RELAYS ETC. SIZE: 24 x 24 x 20; WT: 40 PRICE: USED \$19.95

A P R ANTENNA

AS-125/APR ANTENNA; FOR USE WITH RECEIVERS OPERATING IN THE 1000-6000 MC. FREQ. RANGE, 6" MOUNTING RING W/HARDWARE, UG-22 COAX. CONN. RECEPTACLE. SIZE: 6x8; WT: 4 LBS. \$1.95 UG-21 TO FIT UG-22.....50

AS-158/APA-24 DIPOLE ANTENNA CONSISTS OF TWO DIPOLES THAT EITHER CAN BE USED IN A HORIZONTAL OR VERTICAL POSITION, FREQUENCY RANGE 450 TO 750 MC. MOUNTED ON 34" MAST, TWO LENGTHS OF TWIN COAX. WITH PLUGS 4 1/2 FT. PRICE: \$2.50

SMALL ANTENNA INSULATORS
Insulating material made of polystyrene Size 1 1/2 x 1 1/2 Mtg. hole 3/4" Receptacle size 3/8x24 TH. STOCK # 223021-227 Fits ANT. AN-130, 131, Size 7/8x1 1/2 MTG. hole 5/8" Receptacle size 1/2 x 20, TH. Fits any of the UHF Rods Stock # 223062-237 Specify type each \$.75

NEON LIGHTING ARRESTOR HI-POWER 4 for \$1

CABLES

NEW COAXIAL CABLE

NEW MANUFACTURE AND BRANDED WITH STANDARD TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-BETWEEN LENGTHS USE THE HIGHER PRICE. LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

	100 FEET	500 FEET	1000 FEET	5000 FEET
RG-8/U 52 OHM	.12	.11	.10	.10
RG-11/U 75 OHM	.20	.18	.17	.16
RG-58/U 53 1/2"	.05 1/2	.05 1/2	.05	.04 1/2
RG-59/U 73"	.05 1/2	.05 1/2	.05	.04 1/2

PRICES ARE PER FOOT

NEW COAXIAL CONNECTORS

50-239	PL-259	M-359	PL-258 JUNCTION
\$.45 EA.	\$.45 EA.	\$.49 EA.	\$.89 EA.
10 OR MORE	10 OR MORE	10 OR MORE	10 OR MORE
\$.39 EA.	\$.39 EA.	\$.45 EA.	\$.80 EA.

TYPES MAYBE ASSORTED TO OBTAIN THE LOW PRICE

Coaxial Cable FOR LESS THAN 3c Per Foot!



RG-54 A/U CABLE-

DESIGNED FOR LONG LIFE & CONSTANT ATTENUATION 58 OHMS, .250 OD. WITH POLYETHYLENE JACKET.

370 FOOT ROLL \$10.00 70 FOOT ROLL \$ 1.95

LESS THAN SPECIFIED LENGTHS .03 PER FOOT

COAX CABLE ASSY.

TYPE	OHMS	LENGTH	CONNECTOR	STOCK#	PRICE
RG-8/U	52	30FT	2/UG-21	CG-55	\$1.75
RG-8/U	52	8FT	2/PL-259	CA-102	.75
RG-21/U	53	10FT	UG/21/22	CD-780S	.35
RG-22/U	95	40FT	PL/284	CD-879	.75
RG-22/U	95	46 1/2 FT	PL-284	CD-878	.80
RG-22/U	95	50FT	PL-284	CD-877	1.00
RG-62/U	93	10FT	2/UG-88	CG-1410	.35
RG-62/U	93	22FT	2/UG-88	CG-1410	.75
RG-62/U	93	35FT	2/UG-88	CG-1410	1.00
RG-62/U	93	130FT	2/UG-88	CG-1410	1.95

CABLE #	PLUG #	LENGTH	USED WITH	PRICE
3E7243-2	GK12-23 1/2	52 IN.	TCS/REC-PS	\$2.75
3E7273-19	SKC16-23 1/2	29 IN.	TCS/TRS-PS	2.75
CD-515		48 IN.	BC-669	5.95
CD-501	F/BC-654 & PE-103			4.95
CD-548	2EA PL118	9 FT.	TEST SET	4.95
CD-549	2/ PL-112	9 FT.	TEST SET	4.95
CD-526	2/ PL-153	5 FT.	274 N SERIES	4.95
CD-532	2/ PL-152	5 FT.	"	2.75
CD-509		8 FT.	BC-659/620	2.75

ATTENUATOR

IMPEDANCE MATCHING ASSEMBLY WITH 52 OHM CABLE 20" LONG, PL-259 CONNECTORS EACH END AND ATTENUATOR WITH 3" SLIDING ADJUSTMENT AND FEED THRU CONNECTORS EACH END. ATTENUATION 30 DB TO 100 DB 30 TO 450 MC. STOCK# 22396-7 PRICE: USED \$1.25 UNUSED \$1.95



CORDS AND CONNECTORS #3701 9 1/2" RG-71/U WITH BNC CONNECTORS UG-260/U AND CHASSIS CONNECTOR. \$.85

#6784 3 1/2" COAX WITH BNC CONNECTOR UG-260B/U AND UG-262B/U \$.50

#0156 6 1/2" RG-9A/U WITH 2 CONNECTORS UG-21D/U \$.65

1-223

RANGE CALIBRATOR

1-223 RANGE CALIBRATOR IS USED FOR CHECKING AND ADJUSTING THE RANGE MEASURING CIRCUITS OF A PULSE-OPERATED RADAR APPARATUS



THE RANGE CALIBRATOR IS USED TO CALIBRATE, AT A NUMBER OF SELECTED POINTS, THE RANGE INDICATIONS OF RADAR APPARATUS. THIS UNIT PRODUCES THREE OUTPUTS: A SINE-WAVE OUTPUT AT 163.94KC A SYNCHRONIZING PULSE WITH A REPETITION RATE OF APPROX. 240 PULSES PER SECOND, AND POSITIVE PULSES HAVING PULSE WIDTH OF NOT MORE THAN ONE MICROSECOND AND A REPETITION RATE OF 163,940 TIMES PER SECOND. COMPLETE WITH CRYSTAL 163.94 KC; TUBES: 2/6V6, 2/6L6, 2/6SN7, 6SJ7, 5Y3. SIZE: 9 1/2"x11 1/2"x2 1/2" WT. 31 LBS.

OPERATES FROM 115 VOLT 60 CYCLE. USED \$9.95

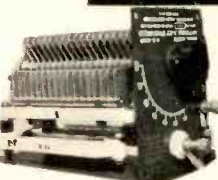


ELECTROFAX

SIGNA GUARD

RCA ELECTROFAX SIGNA GUARD USED TO ENCODE THE SIGNATURE OF BANK CUSTOMERS BY A PROCESS OF LIGHT EXPOSURE AND HEAT DEVELOPMENT. SPECIAL FIBER OPTICS USED TO DECODE SIGNATURE. THE PROCESS IS TIMED BY A CAM TYPE TIMER. THE ORIGINAL SIGNATURE TO BE ENCODED IS PROJECTED ON LIGHT SENSITIVE PAPER, THE EXPOSED SIGNATURE IS THEN SCRAMBLED, THEN IT IS MOVED ON TO THE HEAT DEVELOPER. THE ENCODED SIGNATURE IS THEN PLACED IN THE PASSBOOK. WHEN A WITHDRAWAL IS MADE THE TWO SIGNATURES ARE COMPARED UNIT HAS HIGH VOLTAGE POWER SUPPLY, PROJECTION LAMPS, MOTORIZED CARRIAGE, MISC. COMPONENTS AND FIBER OPTICS. SIZE: 13x11x22 WT. 50 LBS. NEW: \$34.95

PHANTOM ANTENNA

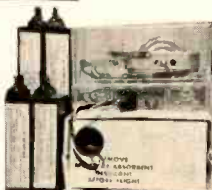


A-27 PHANTOM ANTENNA USED WITH 100 WATT TRANS MITTERS, BC-653-BC-191, FOR TUNING AND LOADING THE TRANSMITTER WITHOUT THE REGULAR ANTENNA CONNECTED. CONTAINS 0-150 MMF WIDE SPACED, 3/16" VARIABLE CONDENSER, 2/10 OHM 40 WATT NON-INDUCTIVE RESISTORS IN A METAL CASE THAT HAS A POINTER KNOB AND 0-100 SCALE AND TWO BINDING POSTS, LEADS AND COVER. RE-NEW \$2.95 SIZE: 3 1/2"x7 1/4"; WT: 3 LBS. USED \$1.95

RADIOSONDE

AN/AMT-2 RADIOSONDE: CONSISTS OF TWO MAJOR COMPONENTS: T-69/AMT-2 TRANSMITTER F-2 EMISSION (FM) 390 TO 410 MC RANGE, WITH TUBES 1/1L4 & 1/955, BATTERIES REQ. BB-208 DESCRIBED BELOW.

ML-310D MODULATOR WITH SENSOR MECHANISM CONTAINING ELEMENTS CONTROLLED BY PRESSURE, TEMPERATURE AND HUMIDITY WHICH IS THEN TRANSMITTED. UNIT IS ATTACHED TO TRANSMITTER WITH CLIPS AND CONNECTED BY CABLE. BB-208 BATTERIES ARE DRY CHARGED AND PLUG-IN TO THE TRANSMITTER BOX. CONSISTS OF 3/36 VOLT & 1/6 V. EQUIPMENT IS INTENDED TO BE TAKEN ALOFT BY A FREE BALLOON AND TRANSMITTED TERRA-LOCAL INFORMATION TO A GROUND STATION. ACTUAL WEIGHT 2 LBS. SHRG. 3 LBS. ALL 3 \$3.95



TS-328A/U FREQUENCY METER 400 CYCLE POCKET TYPE IN CASE W/TEST LEADS, 9 REEDS 380-420 CYCLE 3x6x4; 2LBS. PRICE: USED \$7.95

T-650 AC OUTPUT METER; SCALES 0-1.5/6/15/60/150 SIZE: 3x6x3; WT: 3 LBS. USED CHECKED \$4.95 "AS-IS"\$2.



TS-13/AP TEST SET; CONSISTS OF SIGNAL GENERATOR, XA BAND WAVEMETER, WATTMETER, PLUMBING ETC. OPERATES FROM 115 VOLT 60 TO 800 CYCLE. USED FOR BENCH FIELD TESTING OF RADAR EQUIP. ASD, A1A, APS-3 ETC. SIZE: 20x10x12; WT: 65 LBS. PRICE: USED \$40.

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TEST EQUIPMENT

LIMITED SUPPLY

TS-26 TELEPHONE LINE TESTING SET	U	\$ 20.00
TS-27 TELEP. BRIDGE F/LINE TESTING U		75.00
TS-35 SIGNAL GENERATOR RADAR X BAND U		40.00
TS-69 FREQ. METER CAVITY 400-1M MC U		35.00
TS-67-C-1-Mod. SIG. GENERATOR ILS U		50.00
TS-125 POWER METER FOR UPM-33 U		30.00
TS-126 RANGE CALIBRATOR W/2" SCOPE U		30.00
TS-148 SPECTRUM ANALYZER (UNIT ONLY)U		75.00
TS-127 FREQ. METER 375 TO 725 MC. U		50.00
TS-173 FREQ. METER 90 TO 360 MC. U		99.50
TS-323 FREQ. METER 20 TO 450 MC. LN		175.00
TS-202 SIGNAL GENERATOR U		50.00
TS-230 FREQ. POWER METER U		30.00
TS-280 ECHO BOX FOR TPS-3 U		20.00
TS-245 TUNING FORK TEST SET 5 FREQ.U		15.00
TS-730 SUMMATION BRIDGE U		40.00

I-107 VOLT-OHM-METER U	15.00
I-126 SIG. GEN. 14-25/180-230 MC U	40.00
I-203 POWER METER U	15.00

BOONTON SIG. GEN. #78 50-75 MC. U 40.00

WESTON #776 AUDIO OSCILLATOR U	40.00
DONMO VIDEO PROBE AMPLIFIER U	40.00
KAY ELECTRIC MICRO-PULSER #860 U	99.50
HICKOK #110B VACUUM TUBE VOLTMETE U	25.00

*N/UPA-1B DETECTOR AMP. ASSY. U	30.00
AM-405 AF-RF AMPLIFIER 1000-1700MC U	50.00
AN/UPA-39A CODER-DECODER GROUP U	40.00
AN-UPM-40 RANGE CALIBRATOR RE-NEW U	75.00
AN/GPM-17 RESPONDER TEST SET U	75.00

SYLVANIA TYPE 101 OSCILLOSCOPE 5" U	50.00
DUMONT " 241 " 5" U	75.00
RCA TYPE 160B OR 158 " 5" U	50.00
ETC MODEL K-26 DUAL CHANNEL " 5" U	195.00
TEKTRONIC #511 OSCILLOSCOPE 5" U	195.00
VECTRON SA-20 SPECTRUM ANALYZER 5" U	175.00

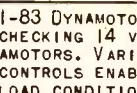
RADAR INDICATOR



ID-93/APG-13A RADAR INDICATOR USING A 3" SCOPE TUBE 3BP1,2/6H6,6/6SN7,1/5Y3 & 1/2X2 TUBES. POWER REQUIRED 115 VOLT 380-1600 CYCLE, CONTROLS FOR VERT. HORIZ., INTENSITY, ZERO SLOPE, MARKER AMPLITUDE, RECEIVER GAIN, YARDS RANGE, FOCUS ETC. 28 VOLT D.C. REQ. FOR BLOWER, AC OR DC FOR FILAMENT. SIZE: 8x10 1/2x16; WT: 25 LBS. NEW \$18.95



BC-745 TRANSMITTER-RECEIVER A.M. CHASSIS; 2 TO 6 MC. CRYSTAL CONTROL FIXED FREQ. BY USE OF PLUG IN UNITS. (SEE PAGE 5 FOR DESCRIPTION 12x6x6; WT: 7 LB. LESS TUBES \$3.95



I-83 DYNAMOMETER TEST SET USED FOR CHECKING 14 VOLT OR 28 VOLT DYNAMOTORS. VARIABLE INPUT & OUTPUT CONTROLS ENABLE SIMULATION OF LOAD CONDITIONS. 3" METERS FOR MEASURING INPUT & OUTPUT VOLTS 0-35 VDC & 500 VDC RESPECTIVELY. INPUT CURRENT 0-10 AMPS, OUTPUT 0-250 MA. ALSO METER FOR MEASURING PERCENTAGE OF RIPPLE IN THE INPUT & OUTPUT. (THIS IS NOT A DC POWER SUPPLY ONLY A TEST UNIT) SIZE: 12 1/2x12 1/2x10 1/2. WT 23 PRICE: USED \$18.95 CONNECTOR, CABLE & TERMINAL STRIP... \$2.75

HIGH CAPACITY

CAPACITORS

HIGH CAPACITY CAPACITORS IN BANKS OF TWENTY OR INDIVIDUALLY. 16x13x5, WT 40 LBS. FOR RACK MOUNTING.

SOLA 25,000 MFD @ 25 VDC	SINGLE	\$1.95
	BANK	\$28.50
MALLORY 20,000 MFD @ 25 VDC	SINGLE	1.50
	BANK	24.50

FREQUENCY POWER METER



FREQUENCY POWER METER ME-51/UP FREQUENCY COUNTER 1100-3999 CALIBRATED TO FREQUENCY 3100MC TO 3500 MC. HAS 0-1.5 MA; 0-25 MW METER. WITH CABLES. IN METAL CARRYING CASE 18 LBS. 8 1/2x9 1/2x9 1/2 USED \$19.95

DYNAMOTOR TESTER



TS-414 DYNAMOTOR TESTER
THIS EQUIPMENT PROVIDES A MEANS OF TESTING DYNAMOTORS OF SEVERAL TYPES UNDER LOAD CONDITIONS. PROVISION IS MADE FOR THE MEASUREMENT OF INPUT VOLTAGE, INPUT CURRENT, OUTPUT VOLTAGE, OUTPUT CURRENT AND OUTPUT RIPPLE VOLTAGE OF BOTH SINGLE AND MULTIPLE OUTPUT DYNAMOTORS. METERS; INPUT D.C.V.; INPUT AC VOLTS RMS; DC OUTPUT CURRENT; DC OUTPUT VOLTS POWER REQUIRED: 14/28 VDC, 50 AMPS.
SIZE: 27x21x17 1/2. WT. 100 LBS. \$79.50

PUT VOLTAGE, OUTPUT CURRENT AND OUTPUT RIPPLE VOLTAGE OF BOTH SINGLE AND MULTIPLE OUTPUT DYNAMOTORS. METERS; INPUT D.C.V.; INPUT AC VOLTS RMS; DC OUTPUT CURRENT; DC OUTPUT VOLTS POWER REQUIRED: 14/28 VDC, 50 AMPS.
SIZE: 27x21x17 1/2. WT. 100 LBS. \$79.50

FLUORTEST



DACO FLUORTEST USED TO TEST 4 OR 6 WATT FLUORESCENT LAMPS 60, 120, 200 AND 400 CYC. TESTS POWER SUPPLY, FIXTURES LAMPS, STARTERS, REACTOR
CONTAINS 2 1/2" MILLIAMMETER AND SET OF CORDS. OPERATES FROM 110 VOLTS 60 CYC. WT. 15 LBS
SIZE: 7x13x15 \$8.95

CONTAINS 2 1/2" MILLIAMMETER AND SET OF CORDS. OPERATES FROM 110 VOLTS 60 CYC. WT. 15 LBS
SIZE: 7x13x15 \$8.95

MICROWAVE GENERATOR



TS-147B/UP MICROWAVE SIGNAL GENERATOR
PORTABLE UNIT DESIGNED TO TEST AND ADJUST RADAR, RECON AND MICROWAVE COMMUNICATION SYSTEMS OPERATING IN THE FREQUENCY RANGE OF 8500 TO 9600 MC. PROVIDES EITHER FM OR CW TEST SIGNALS OF KNOWN POWER LEVEL & FREQUENCY. THIS UNIT CONTAINS A DIRECT READING FREQ. METER AND POWER LEVEL METER WHICH POWER REFERENCED TO ONE MILLIWATT (DRM). USED TO MEASURE THE FREQ. AND POWER LEVEL OF THE INPUT AND OUTPUT SIGNALS. SPECTRUM WIDTH, FREQ. CHANGE, RECOVERY TIME AND STANDING WAVE RATIO. CAN ALSO BE MODULATED EXTERNALLY. OPERATES FROM 115 VOLT 50-1600 CYCLES. LESS CABLES, PLUGS, ADAPTER, PICK UP HORN. SIZE: 11 1/2x18 1/2x12 1/2. WT: 35 LBS. USED TS-147B/UP SIGNAL GENERATOR AS PHOTO \$59.50 TS-147A/UP " " SIMILAR TO " 49.50

IN THE FREQUENCY RANGE OF 8500 TO 9600 MC. PROVIDES EITHER FM OR CW TEST SIGNALS OF KNOWN POWER LEVEL & FREQUENCY. THIS UNIT CONTAINS A DIRECT READING FREQ. METER AND POWER LEVEL METER WHICH POWER REFERENCED TO ONE MILLIWATT (DRM). USED TO MEASURE THE FREQ. AND POWER LEVEL OF THE INPUT AND OUTPUT SIGNALS. SPECTRUM WIDTH, FREQ. CHANGE, RECOVERY TIME AND STANDING WAVE RATIO. CAN ALSO BE MODULATED EXTERNALLY. OPERATES FROM 115 VOLT 50-1600 CYCLES. LESS CABLES, PLUGS, ADAPTER, PICK UP HORN. SIZE: 11 1/2x18 1/2x12 1/2. WT: 35 LBS. USED TS-147B/UP SIGNAL GENERATOR AS PHOTO \$59.50 TS-147A/UP " " SIMILAR TO " 49.50

WAVEMETER

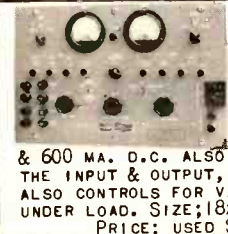
TS-117 WAVEMETER; 2400 TO 3400 MC P/M 3 MC TRANSMISSION RANGE; P/M 6 MC. ABSORPTION RANGE; 0-50 MICR OAMP METER D.C. IN21B CRYSTAL RECTIFIER, AS-23/AP ANTENNA, UG-57U, UG-131/U ADAPTERS AND CG-183/U CABLE. TUNING CAVITY WITH CALIBRATION CHART. WOOD CARRING CASE. SIZE: 8x6x6 1/2. WT: 10 LBS.
PRICE: USED \$18.95
RE-NEW 24.95



SIMPSON VTVM 303



SIMPSON VACUUM TUBE VOLTMETER #303
SCALES -DCV, -DCV, ACV,
0-1.2; 12; 60; 300; 1200 VOLTS.
OHMS: 0-1000/RX-1/RX-100/RX-1K/
RX-10K/RX-1 MEG.
DB RANGES: -20 + 63, 5 RANGES.
METER SIZE 4"x4", OVERALL 5 1/2"x7x3
WT: 7 LBS. USED \$35.00



1-199 TEST SET
DYNAMOTOR & HAND GENERATOR TESTER USED TO CHECK EQUIPMENT UNDER LOAD CONDITIONS. INPUT VOLTAGE READINGS 0-60 VOLTS DC & 60 AMPS. D.C. OUTPUT VOLTAGES 0-1200 VOLTS D.C. & 600 MA. D.C. ALSO PERCENTAGE OF RIPPLE IN THE INPUT & OUTPUT, ALL SHOWN ON 3" RD. METERS ALSO CONTROLS FOR VARYING VOLTAGE & CURRENT UNDER LOAD. SIZE: 18x12x11. WT: 40 LBS.
PRICE: USED \$29.50 NEW \$39.50

DC TIMER



AUTOMATIC TIMER 6 TO 10 VOLTS D.C. REQUIRED FOR OPERATION ACTUATES CONTACTS ON 5 SECOND, OFF 2 MINUTES THIS IS A UNIQUE MOTOR TYPE TIMER WITH A SPECIAL TYPE GOVERNOR THAT WILL PERMIT ITS OPERATION IN ANY POSITION AND IS HOUSED IN A TRANSPARENT ENCLOSURE SIDES. #WT FU-920
SIZE: 3 1/2x5 1/2. WT: 2 LBS. UNUSUED \$2.95

1-177 TUBE CHECKER

USED \$29.95



PORTABLE DYNAMIC MUTUAL CONDUTANCE TYPE WITH 3" METER FOR INDICATING GOOD, BAD OR QUESTIONABLE ALSO GASES, SHORTS & NOISE. WILL CHECK 4 TO 7 PIN LARGE, SMALL, OCTAL, LOCTAL, ACORN ETC. WITH CHART FOR TUBES BEFORE 1953 LATER TYPES SEE BELOW. SIZE 5 1/2x15 1/2x8 1/2; 16 LBS

1-177 TUBE CHECKER ADAPTER; NEWLY MANUFACTURED UNIT TO REPLACE THE MX-949/U MILITARY TYPE. HAS SOCKETS TO TEST 7&9 PIN MINIATURE, OCTAL, LOCTAL, NOVAR AND COMPACTRON TUBES. PIN PLUGS ARE USED FOR THE TUBE SET-UP. \$26.50
BIGELOW 1-177/MX-949 SPEC. ADAPTER
1-177 SERIES TUBE SET-UP CARDS FOR USE WITH THE ABOVE DESCRIBED ADAPTER TO CHECK THE MORE MODERN TYPE TUBES.

ORDER BIGELOW 1-177 CHART.... \$2.95

WESTON MULTIMETER

WESTON MODEL 772 MULTIMETER
20,000 V DC. AC AND DC VOLTAGE RANGES: 2.5, 10, 50, 250, AND 1000V CURRENT RANGES; 100UA, 1MA, 10MA, 50MA, 250MA, 1A, 10A. RESISTANCE RANGES x1, x10, x100, x10K. OUTPUT METER SCALES: +40DB, +80DB, +220DB, +360DB +480DB. SIZE: 5 1/2x9 1/2x15 WT. 12 LBS.
USED \$25.00



SIGNAL DATA RECORDER TEST SET
USED FOR TESTING TAPE TYPE RECORDERS IN AIRCRAFT. OPERATES FROM 115 VOLT 400 CYCLE, WITH 2/5787W & 2 VOLTAGE REGULATOR TUBES, 3 1/2" RD. 0-50 MICRAMPERES METER, PICK-UP HEAD, CABLE ETC. IN CARRING CASE.
SIZE 13x6x9; WT: 12 LBS.
#7CAC-801319-628 \$24.95



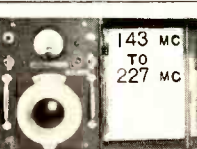
ALTIMETER TEST SET

TS-10B APN

USED FOR CHECKING SENSITIVITY, TUNING, ANTENNA SYSTEMS, CALIBRATION AND LIMIT CALIBRATIONS OF ALTIMETERS. CONTAINS 370 FT & 70 FT 58OHM RG-54A/U COAXIAL CABLE DELAY LINES, L-101 COAXIAL ATTENUATOR, ID-98 INDICATOR, 2/8 FT 1/20", 1/12" OF RG-8 52 OHM COAXIAL CABLE WITH PL-259 CONNECTOR EA. END AND 4/SO-239 CONNECTORS. COMPLETE IN CARRING CASE 19x15x7 WT 36
(SEE PAGE 5 FOR COAXIAL CABLE & CONN. ONLY)
PRICE: USED \$15.00 UNUSUED \$18.00

1-61 TEST SET
FOR TRANSMISSION MEASURING

PORTABLE BATTERY OPERATED UNIT USED TO MEASURE LOSS ES OR GAINS IN CIRCUITS OR APPARATUS. AUDIO OSCILLATOR FREQUENCIES OF 500, 1000 AND 2500 CYCLES WITH LEVELS OF -40DBM, -20 DBM OR U DBM INTO A 600 OHM LOAD, THE RECEIVING AMPLIFIER IS CALIBRATED TO MEASURE LEVELS FROM A 600 OHM SOURCE BETWEEN -50 DBM & 15 DBM IN STEPS OF 0.5 DBM OVER THE FREQUENCY RANGE OF 100 TO 10,000 CYC THE 0 DBM IS ONE MILLIWATT IN 600 OHMS.
UNIT ALSO CONTAINS A EE-88 FIELD TELEPHONE, BATTERY OPERATED ASSY. WITH A TS-9 HANDSET. AND BE PURCHASED WITHOUT THIS ASSEMBLY. COMES IN WOOD CARRING CASE 18x10x11, WT: 47LB
PRICE, COMPLETE WITH TELEPHONE ASSY & TS-9
USED \$29.95 RE-NEW \$39.50
LESS TEL. ASSY " 19.95 " " 29.50



BC-906 FREQUENCY METER; ABSORPTION TYPE USING THE DIP OF A 500 VDC MICROAMMETER 2" FOR FREQ. INDICATION. REQUIRES BATTERIES FOR OPERATION. WITH ANTENNA 4" DIAL ETC. SIZE: 6 1/2x12x10 WT: 20 LBS. USED. \$9.95

URC-4 TEST SET



TS-684/URM-30 ANALYZER FOR URC-4 RADIO SET, ALIGNMENT AND TESTING CONTAINS 0-1 MA METER, METERING SWITCH, CRYSTAL OSCILLATOR, ANTENNA CABLES ETC. IN METAL CARRING CASE. SIZE: 6x6x4; WT: 4 LBS. NEW \$8.95

RANGE CALIBRATOR

AN/UPM-11 RANGE CALIBRATOR
ELECTRONIC DEVICE WHICH PROVIDES A MEANS OF CALIBRATING ACCURATELY THE RADAR RANGE OF ANY X-BAND RADAR SYSTEM. COVERS FREQUENCY RANGE 8500-9600 MC. PROVIDES MARKERS FROM 200 TO 50,000 YARDS. CONTAINS BOTH MANUAL AND AFC TUNING. POWER REQUIRED 115V 50-1000 CYCLES.
SIZE: 15x19x22. WT. 85 LBS. \$100.00



MEASUREMENT CORP. VACUUM TUBE VOLTMETER MODEL 62 PRECISION LABORATORY TYPE 2% ACCURACY AC-DC RANGES WITH RF PROBE FOR AC RANGE FROM 30CYC-150 MC.
RANGES AC 0-1/3/10/30/300
DC SAME AS ABOVE
PUSHBUTTON RANGE SELECTOR
SIZE: 4 1/2x6 1/2x8 1/2; WT: 12 LBS. USED \$45.00

VEEDER-ROOT TEST METER A-182800
0-200 MICROAMMETER 4x4 1/2 WITH 0-200 & 0-40 SCALE AND DESIGNATED AS THOUSANDS PER HOUR. HOUSED IN METAL CABINET WITH SLOPING FRONT AND SWITCH FOR SCALE SELECTION.
SIZE: 5 1/2x5 1/2x4 1/2; WT: 6 LB. \$8.95



1-130 SIGNAL GENERATOR
100-156 MC USED FOR TUNING SCR-522 RADIO RECEIVER & TRANSMITTER 1000 CYCLE MODULATED SIGNAL, CRYSTAL OR VARIABLE OSCILLATOR, ANTENNA OUTPUT PLUG & PLUG FOR PLUGGING IN 1-130 TEST METER. OPERATES FROM 6 VDC, HOUSED IN METAL CARRING CASE 19x8x6 1/2; WT: 27 LBS.
PRICE: USED \$14.95

1-139 TEST METER FOR SCR-522
RADIO SET, USED FOR ALIGNMENT AND SETTING CHANNELS. CONTAINS 0-1 MA METER D.C WITH CORD & PLUG. SIZE: 3x3x2; WT: 2 LB
PRICE: USED \$6.95



1-95 FIELD STRENGTH METER
FOR SCR-522 RADIO SET. USED TO CHECK SIGNAL OUTPUT AND MODULATION. CAN BE USED FOR ANY SET IN THE 100-156 MC BAND. CONSISTS OF 2" METER, CALIBRATED DIAL, TELESCOPING ANTENNA AND A VACUUM TUBE VOLTMETER CIRCUIT USING A 155 TUBE POWERED BY DRY CELL BATT. REQUIRED 2/22 1/2 & 1/1 1/2 VOLT.
SIZE: 8 1/2x7 1/2x7 1/2; WT: 15 LBS. USED \$14.95

IM-120/UPM STANDING WAVE RATIO INDICATOR IS DESIGNED FOR TEMPORARY INSERTION INTO THE SLOTTED SECTION OF DIRECTIONAL COUPLER CU-245/U TO PROVIDE MEASUREMENT OF THE OVERALL STANDING WAVE RATIO OF THE WAVEGUIDE AND THE ANTENNA SYSTEM. CHANNEL WIDTH 1 1/2 INCH. THIS INSTRUMENT IS CONTAINED IN A SEALED WATERPROOF METAL CARRING CASE 9x7x5 1/2. WT. 10 LBS. 6/IN25 CRYSTALS INCLUDED INSTRUCTION MANUAL INCLUDED. NEW \$24.95

COMPUTER AMPLIFIER SYSTEM CONTAINS FIVE SPERRY SYNCHRO TRANS. PT#662426-3 CONNECTED BY GEARS TO DIALS, FOUR AMPLIFIER CHASSIS WITH 2/636 TUBES EACH, 3 1/2" NULL METER 10x0-10, CABLE AND ADAPTER IN ALUM. CARRING CASE 6 1/2x17 1/2x10x10; WT: 35 LBS. STK#T-101023
PRICE: \$22.95



C-113/TRA-2 CONTROL UNIT, USED FOR REMOTE CONTROL OF T-14/TRC-1 TRANSMITTER, OPERATES FROM 115/230 V 60 CYCLE SUPPLIES 56 VDC @ 130 MA. FOR OPERATION OF MIC. & PHONE CIRCUITS UP TO 2 MILES FOR INTERCOM USE FROM A TWO WIRE CIRCUIT. WITH PORTABLE CASE, CABLES, RELAYS ETC. SIZE 14x9x12; WT: 30 LBS.
PRICE: UNUSUED \$4.95

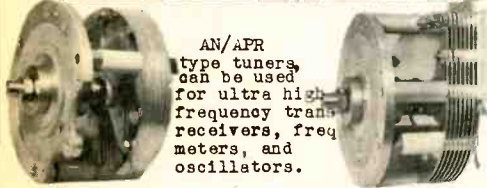
STROWGER RELAY

STROWGER STEP BY STEP RELAY ASSEMBLY IS USED IN CENTRAL OFFICE DIAL TELEPHONE EXCHANGE.

THIS IS THE HEART OF THE DIAL TELEPHONE SYSTEM AS IT HAS THE TEN STEP BANK SELECTION AND 10 STEP LINE SELECTION TRUNK LINE SENSING MECHANISM WITH NECESSARY HOLD AND RELEASE RELAYS. (THE BANK OF ROTARY STEPPING SWITCHES IS NOT PART OF THIS ASSY) SIZE 14x5x7; WT: 13 LBS. WE#ED55242-31G1
PRICE: USED \$5.95



BUTTERFLY CONDENSERS



AN/APR type tuners can be used for ultra high frequency transmitters, receivers, frequency meters, and oscillators.

C-701
135-48 Mc
4 1/2" dia. 2 1/2" deep
Price: \$4.95

C-904
106-330 Mc
4 1/2" dia. 3" deep
Acorn socket for 955 tube.
Price: \$4.95



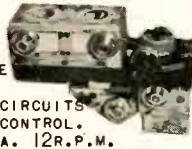
C-706
300-1000 Mc
2 1/2" dia. 2 1/2" deep
Price: \$3.95



H-3621
300-1000 Mc
2 1/2" dia. 2" deep
Price: \$3.95

U.H.F. TUNERS

ULTRA HIGH FREQUENCY ASSY. TUNING UNIT USING 2C39 TUBE AS DRIVER AND A 2C39 AS A POWER AMPLIFIER. FREQ. OUTPUT 225-350 MC., 6F4 TUBE OSCILLATOR 112-175 MC. AND 6F4 DOUBLER CIRCUIT, TUNED CIRCUITS ARE GANGED FOR SINGLE KNOB CONTROL. ALSO HAS HAYDON 4.5 V. 75 MA. 12R.P.M. TIMER MOTOR. REMOVED FROM ARC-12 EQUIPMENT. SIZE: 10x6 1/2x4; WT: 7 LBS. #KS10362
PRICE: LESS TUBES \$3.95



ULTRA HIGH FREQUENCY TUNER; CONSISTS OF REC. R.F. AMPLIFIER MIXER, AND H.F. OSCILLATOR 225-350 MC. OUTPUT TO I.F. 15.1 MC., USES 6/6AK5 AND 1/12 AS6 TUBES, ALSO CRYSTAL BETWEEN 13 AND 41.5 MC., VARIABLE CONDENSERS ONE FOUR GANG 4-24 MMFD PER SECTION, OTHER 4 GANG 3 SEC. 4-25 AND ONE SEC. 5-41 MMFD, SINGLE DIAL CONTROL. REMOVED FROM ARC-12 EQUIPMENT. SIZE: 8 1/2x5x3; WT: 4 LB STK# KS-10329 PRICE: LESS TUBES \$2.95

ABLE CONDENSERS ONE FOUR GANG 4-24 MMFD PER SECTION, OTHER 4 GANG 3 SEC. 4-25 AND ONE SEC. 5-41 MMFD, SINGLE DIAL CONTROL. REMOVED FROM ARC-12 EQUIPMENT. SIZE: 8 1/2x5x3; WT: 4 LB STK# KS-10329 PRICE: LESS TUBES \$2.95

AUTO CONTROL

ELECTRIC AUTOTUNE ASSEMBLY THAT OPERATES FROM 115 VOLT 60 CYCLE, 1/100 HP CAPACITOR TYPE MOTOR WITH AUTOMATIC GEAR & RATCHET ASSEMBLY THAT ENABLES YOU TO PRE-SET MOTOR ANY 10 POSITIONS IN 360 DEG. UNIT IS GEARED TO A TWO DECK 12 POSITION CERAMIC WAFFER SWITCH THAT TERMINATES INTO A PLUG-IN SOCKET. TAKE OFF OF POWER CAN BE MADE AT BACK OF MOTOR OR CERAMIC SWITCH MAY BE REMOVED. ADJUSTMENTS FOR STOPS ARE MADE AT THE MOTOR AND THE CONTROL PANEL CAN BE LOCATED AT A REMOTE POSITION WHERE THE MOTOR STOP CAN BE SELECTED, PANEL ALSO HAS LIGHT DIMMER CONTROL AND LOCAL & REMOTE POSITION SWITCH. PART OF RDZ AUTOTUNE, COLLINS#596A RDZ#23491 SIZE: 9x4x6, WT: 7 LBS. PRICE: NEW \$5.95



MD-34/ARA-8 MODULATOR KEYING UNIT AUTOMATIC HOMING KEYING ASSY. THAT OPERATES FROM 24 VDC MOTOR THAT IS CONNECTED TO A WORM GEAR WHICH ACTUATES THE CODED WHEEL THAT INTERRUPTS THE SIGNAL AND TRANSFERS FROM ONE ANTENNA TO ANOTHER. ALSO HAS RELAY AND THREE SO-239 TYPE COAX. CONN. CAN BE USED AS A REMOTE ANTENNA CHANGE-OVER. SIZE: 3 1/2x10x4 1/2; WT: 5 LBS. PRICE: USED..... \$1.95



STROWGER RELAY SWITCHING DECKS THAT MOUNT ON THE END OF THE ASSY. SHOWN TO THE LEFT 2 ASSEMBLIES OF 10 DECK 10 CONTACT. WT: 4 LBS. #10D10C. PRICE: USED \$1.00 WIPER ARMS 25¢ EA.



EE-101 TELEPHONE RINGING EQUIPMENT USED FOR CONVERTING 20 CYCLE RINGING TO 1000/20 CYCLE ALSO 1000 CYCLE TO 20 CYCLE FOR OPERATING TEL. DROPS ON 2 CHANNELS. OPERATES FROM 115/230 V. 60/60 CYCLE OR 12 VDC. WITH TUBES 6/6SJ7, 1/6V6GT. 19X9 RACK MFG. SHIPPED IN WOOD CHEST 100 LBS. PRICE USED \$9.95



TG-30 REPEATER, TELEGRAPH TERMINAL FOR TRANSMITTING OR RECEIVING ON A HALF DUPLEX ONE CHANNEL OPERATION. CAN BE USED TO INTERCONNECT NEUTRAL AND POLARENTIAL OR TWO PATH POLAR TELEGRAPH OR TELETYPEWRITER SYSTEMS ON SIMPLEX OR COMPOSITED RETURN CIRCUITS. SPEED 60/66. OPERATES FROM 115/230 V. 50/60 CYC & 115 VDC SHIPPED IN WOOD CHEST 25x16x14; 175 LBS PRICE: USED \$12.95 RE-NEW \$16.95

TELEGRAPH OR TELETYPEWRITER SYSTEMS ON SIMPLEX OR COMPOSITED RETURN CIRCUITS. SPEED 60/66. OPERATES FROM 115/230 V. 50/60 CYC & 115 VDC SHIPPED IN WOOD CHEST 25x16x14; 175 LBS PRICE: USED \$12.95 RE-NEW \$16.95



TELEGRAPH REPEATER WE#61824A, TWO COMPLETE UNITS WITH RECTIFIERS THAT OPERATE FROM 115 V. 50-60 CYCLE. THE REPEATERS ARE DESIGNED TO OPERATE AT TELETYPE SPEEDS, OPEN WIRE COMPOSITED OR SIMPLEX CIRCUITS, 2 PATH POLAR OR OTHER FORMS OF TRANSMISSION. METERING, PATCHING JACKS, TESTING, MONITORING AND ADJUSTING CONTROLS ARE ALL AVAILABLE ON THE FRONT PANELS. THE UNIT IS HOUSED IN A METAL CABINET WITH A HINGED DOOR FRONT & BACK. SIZE: 22 1/2 x 17 x 42; WT: 200 LBS. RE-NEW PRICE: LESS PLUG-IN RELAYS RE-NEW \$19.95 WITH " " " RE-NEW \$34.95

TELEGRAPH REPEATER WE#61824A, TWO COMPLETE UNITS WITH RECTIFIERS THAT OPERATE FROM 115 V. 50-60 CYCLE. THE REPEATERS ARE DESIGNED TO OPERATE AT TELETYPE SPEEDS, OPEN WIRE COMPOSITED OR SIMPLEX CIRCUITS, 2 PATH POLAR OR OTHER FORMS OF TRANSMISSION. METERING, PATCHING JACKS, TESTING, MONITORING AND ADJUSTING CONTROLS ARE ALL AVAILABLE ON THE FRONT PANELS. THE UNIT IS HOUSED IN A METAL CABINET WITH A HINGED DOOR FRONT & BACK. SIZE: 22 1/2 x 17 x 42; WT: 200 LBS. RE-NEW PRICE: LESS PLUG-IN RELAYS RE-NEW \$19.95 WITH " " " RE-NEW \$34.95

RECORDER-VISUAL



BC-1323A RECORDER-REPRODUCER AUDIO-VISUAL, USED TO RECORD ON STEEL TAPE 48" LONG 3 CHANNELS AUDIO FROM MICROPHONES, 64 OHM RECORDING HEAD, TAPE SIZE .050 W.X.002 TH.6" PER. SEC. RECORDING SPEED. DISPLAY ON 2" 913 CR TUBE VIEWED THRU RUBBER EYE PIECE. OPERATES FROM 6 VDC 5.5 AMP. WITH 10/9001, 1/6AK6 & 1/913 CR TUBES. SIZE: 8x28x6; WT: 40 LBS. \$12.95

PORTABLE REPEATER

EE-89 TELEPHONE REPEATER; PORTABLE BATTERY OPERATED, 2 WAY LINE UNIT, CAN BE USED AS TERM. OR INTERMEDIATE AMPLIFIER, USES ONE 3Q5GT TUBE, INCLUDES HEADSET ELEMENT FOR MONITORING AND GAIN CONTROL, BATTERY VOLTAGE REQUIRED 1.5 & 90 VDC. IN WOOD CASE W/CARRING STRAP. SIZE: 6x9x8; WT: 12 LBS.

RM-42 CONTROL UNIT USED TO OPERATE A RECEIVER & TRANSMITTER FROM A REMOTE POSITION WITH 2 CHANNEL SELECTION ALSO USED AS INTER-COM OR CONNECTED TO BE USED AS TELEPHONE SYSTEM. HAS MAGNETO HAND CRANK GENERATOR FOR RINGING & HANDBET WITH PL-204 ALSO 2 TELEPHONE TYPE SWITCHES, 4 PILOT LIGHTS, VC, ON-OFF SW ETC. REQUIRES WIRES BETWEEN EACH UNIT FOR USE AS TELEPHONE AND BATTERIES. IN METAL CABINET WITH SLOPPING FRONT. SIZE 7 1/2x8x9 WT: 14 LBS. \$8.95

NAVY INTERPHONE AMPLIFIER USED WITH TCS EQUIPMENT. PUSH-PULL 2/12A6 TUBES. CARBON MIC. INPUT 75-200 OHM ALSO 600 OHM. OUTPUT 125 OHM. VOLTAGE REQUIRED 12 VDC & 250 VDC 60 MA. HAS MOUNTING FOR DYNAMOTOR 35x032, 12 VOLT.

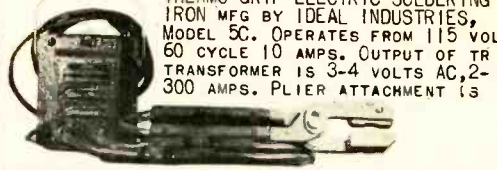
(SEE CONVERSION INFORMATION LISTED BELOW.) SIZE: 7 1/2x10x7; WT: 15 LBS. PRICE: AMPLIFIER WITH TUBES \$2.95 " " " & DYN. 6.95

KIT FOR CONVERSION TO SPEAKER OUTPUT, APPROX 5 WATTS, INCLUDES OUTPUT TRANSFORMER, MIC & PHONE JACKS, SWITCH, CABLE AND PLUG FOR PLUGGING INTO LIGHTER AND INSTRUCTIONS. \$2.00

BALLATINE

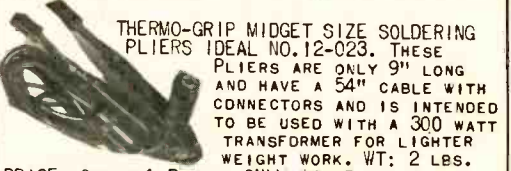


BALLATINE ELECTRONIC VOLTMETER #300 FREQ. RANGE 10 TO 150,000 CYCLES. VOLTAGE RANGE ONE MILLIVOLT TO 100 VOLT A.C. INPUT IMPEDANCE 1/2 MEG. ACCURACY 2% TO 100 KC. 3% ABOVE. 4 1/2" METER, FIVE VOLTAGE RANGES. SIZE: 11x6x4 1/2; WT: 14 LB USED \$75.00



THERMO-GRIP ELECTRIC SOLDERING IRON MFG BY IDEAL INDUSTRIES, MODEL 5C. OPERATES FROM 115 VOL 60 CYCLE 10 AMPS. OUTPUT OF TR TRANSFORMER IS 3-4 VOLTS AC, 2-300 AMPS. PLIER ATTACHMENT IS

INTENDED TO BE USED FOR SOLDERING LUGS UP TO 150 AMPS OR COPPER PIPE UP TO 3/8". PLIER IS 12" LONG AND CABLES 52". WITH SUITABLE ATTACHMENTS TRANSFORMER CAN BE ALSO USED FOR HEAVY SPOT SOLDERING AND ETCHING. WT: 30 LBS. PRICE WITH CARRING CASE \$19.95



THERMO-GRIP MIDGET SIZE SOLDERING PLIERS IDEAL NO. 12-023. THESE PLIERS ARE ONLY 9" LONG AND HAVE A 54" CABLE WITH CONNECTORS AND IS INTENDED TO BE USED WITH A 300 WATT TRANSFORMER FOR LIGHTER WEIGHT WORK. WT: 2 LBS.

PRICE: CABLE & PLIERS ONLY \$2.95

FR-83/U AUDIO FREQUENCY CALIBRATOR TEN STEPS OF 30/50/100/150/200/250/300/350/400/450 AND 500 CYCLES, WITH SYNC. INDICATOR LIGHT. OPERATES FROM 115 V 60 CYCLE, WITH TUBES 6X4, 0P2, 3/12AT7, 1/6AQ5 & 1/12AX7. IN PORTABLE CARRING CASE WITH HINGED COVER & SCHEMATIC. SIZE: 7x8x15; WT: 25 LBS. PRICE: USED \$49.95

FIRE DETECTOR PHOTOELECTRIC RESISTANCE TYPE 1.5 MEG. MAX DECREASES WITH INTENSITY OF LIGHT. SIZE 3x3. #6340-651-6213. NEW \$3.95

BC-611 TEST SET

IE-17 TEST EQUIPMENT USED FOR TESTING & ALIGNMENT OF REC-TRANS, TESTING CRYSTALS AND MEASUREMENT OF VOLTAGE OF BATTERIES BA-37 & BA-38. CONSISTS OF THE FOLLOWING 1-135 TEST UNIT IN CASE WITH HINGED COVER & HANDLE CONTAINS MICROPHONE, EARPHONE, MULTIRANGE 3" METER FOR CHECKING 0-3 & 0-150 VDC 0-1.5/15/60/600 MA DC & 0-60 VAC WITH MASTER SWITCH, RF & AUDIO OSCILLATOR CRYSTAL TEST & BATTERY COMPARTMENT ALSO CABLE HARNESS. CS-81 TEST CASE WHICH IS THE SAME SIZE AS THE BC-611 AND IS USED TO HOLD THE CHASSIS UNDER TEST, HAS PRESS TO TALK SWITCH AND ALIGNMENT OPENINGS. (NO MIC OR EARPHONE OPENINGS.) FT-252 TEST STAND FOR HOLDING CS-81 CASE & A-82 PHANTOM ANTENNA WHICH CONSIST OF A 3" 0-40 MA. RF METER, VARIABLE COND. & REC.-TRANS. SWITCH MOUNTED ON A BAKELITE PANEL. COMPLETE UNIT AS DESCRIBED ABOVE WITH INSTRUCTION MANUAL AND WOOD CHEST SIZE: 19 x16x9 ALL IN NEW CONDITION. SHPG. WT: 44 LBS

VISUAL FLASH LAMP

USED BY AIRCRAFT OR GROUND UNITS FOR IDENTIFICATION PURPOSES. DESIGNED TO DELIVER EXTREMELY BRIGHT FLASH OF LIGHT 1/2 SEC. WHICH CAN BE SEEN BY AIR. IN BRIGHT SUNLIGHT FOR 3 MILES OR 1 MILE ON THE GROUND. AVAILABLE FOR 6, 12 OR 24 V. OPERATION. CONSISTS OF A HIGH VOLTAGE CONVERTER USING A VIBRATOR TYPE POWER SUPPLY, SLYVANIA TUBE #1073. COMPLETE WITH 20 FT. CABLE SPARE PARTS & MANUAL. IDEAL FOR BOATS, PLANES, AUTO, BOAT LANDINGS, COTTAGES, PHOTOGRAPHIC WORK ETC. (CAN BE OPERATED FROM 115 VOLT BY USING OUR D.C. POWER SUPPLIES LISTED ON PAGE 7) SIZE: 17x10x4 1/2; WT: 50 LBS. UNUSED \$29.50



ART-13 TRANSMITTER

100 WATT AIRCRAFT AUTOTUNE TRANSMITTER

MAKES A VERY SATISFACTORY AMATEUR UNIT FOR 80, 40, 20 AND 10 METERS. THE AUTOTUNE FEATURE PERMITS YOU TO PRESET THE FREQUENCY DESIRED ON ANY 10 PRESELECTED CHANNELS. (FOR CONVERSION INSTRUCTIONS SEE MANUALS #2 & #3 \$3.00 EA. TUBE LINEUP 1/837, 1/813, 2/1625, 1/125J7, 2/6V6, 2/811, 2/12SL7, 1/12SA7. VOLTAGE REQUIRED 28VDC 10AMP, 400VDC, 225MA & 1250VDC 250MA. SIZE: 23x16x11 1/2 WT. 70LBS

PRICE: USED \$59.50
CONNECTOR PLUGS FOR TRANS. U/7 & U/8 \$2.50 EA. DYNAMOTOR FOR ART-13 WITH FILTERS & RELAYS 28VDC INPUT. PRICE: USED \$12.95

NEW
CONNECTOR PLUGS FOR DYNAMOTOR U-9 OR U-10 EACH \$2.50
CU-24/ART-13 ANTENNA SHUNT CAPACITOR CONSISTS OF 3 CAPACITORS 25MMF 10KV
PRICE USED \$1.00

O-17/ART-13 LOW FREQUENCY OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 TUBE. ALL OPERATING VOLTAGES ARE OBTAINED FROM THE TRANS. POWER SUPPLY. SIZE 5 1/2 x 5 1/2 x 9; WT. 4LBS.
REQ. REPAIR "AS-IS" w/TUBES \$4.00

SA-22/ART-13 ANTENNA SWITCHING UNIT CONTAINS A BENDIX VACUUM RELAY LM-266, 24VDC, 2 POSITION CERAMIC SWITCH & 4 LARGE INSULATORS SAME AS USED ON TRANSMITTER, ALSO SO-239 COAX. CONNECTOR. SIZE: 11x7x7 WT 10LBS

PRICE: NEW \$4.95



VARIOMETER COIL FOR ART-13 L-112, ROTOR & STATOR COILS WITH GEARED COUPLING. 4x5x3; 2LB. USED \$1.95

RELAY, OUTPUT CIRCUIT SELECTING, 24 VDC #K105 6x2x3; 2 LB. USED \$2.95



ART-13 AUDIO SPEECH AMPLIFIER CONTAINS TWO 6V6GT & ONE 12SJ7 TUBES, CAN BE USED FOR CARBON OR DYNAMIC MIC. SIZE: 7x4x3 1/2, WT: 4LBS, USED STK #2C254 PRICE \$5.95



ART-13 CFI CALIBRATION FREQUENCY INDICATOR & MCW OSCILLATOR ASSY. USED TO PROVIDE A CONSTANT CRYSTAL CONTROLLED STANDARD OF 200 KC. IN ORDER THAT FREQ. CAN BE CHECKED ALSO 1000 CYCLE TONE. WITH 200KC. CRYSTAL & 2 TUBES SIZE 6x5x3 WT. 3LBS STK. #8Q1 PRICE USED \$6.95

HYDROPHONE



HYDROPHONE TRANSDUCER MICROPHONE

ROCHELLE SALT TYPE USED TO PICK UP UNDERWATER SOUNDS IN THE FREQUENCY RANGE OF 1 TO 20,000 CYCLES. AVERAGE IMPEDANCE 25 OHMS UP TO 400 FT. WITH TRANSFORMER HOUSED IN RUBBER WATERPROOF JACKET FILLED WITH OIL & 9 FT. RUBBER CONNECTING CABLE. SIZE: 56x3 1/2; WT: 2 1/2 LBS. (NOT MAILABLE) SONAR # NT-51038F PRICE: NEW \$18.95



SN-17/AP9-10 SYNCHRONIZER, \$9.95 TRANSMITTER & RECEIVER ALSO SWEEP AND CONTROL CIRCUITS FOR THE INDICATOR. GENERATES CONTROL FOR THE PULSE RECURRENCE RATES OF 410 TO 820 CPS AND RANGE MARKS OF 0-4-25 MILES. SIZE 8x6x13; WT: 30 LBS.

TEST SET

TS-3A/AP RADAR FREQUENCY METER 2400 TO 3400 Mc USING A TUNEABLE CAVITY ALSO HAS 3" METER FOR TESTING POWER OUTPUT, 0-2 MA. MOVEMENT 0-20 SCALE. USED WITH SCR-717/720 RADAR SET. WITH CABLES, TEST LAMP, COMPUTER RULE ETC. SIZE: 8 1/2 x 8 1/2 x 8 1/2; WT: 25 LBS. PRICE: UNUSED \$9.95



AIRPORT MARKER BEACON 75MC TRANSMITTER RECEIVER

CDE-52326 NAVY MODEL MARKER BEACON TRANSMITTER PORTABLE UNIT THAT OPERATES FROM 115 VOLTS 50CYC WHICH TRANSMITS A KEYED OR A CONTINUOUSLY MODULATED SIGNAL VERTICALLY IN A BALLON-SHAPED PATTERN ON 75MC. USED AT AIRPORT LANDING FIELDS RUNWAYS IN CONJUNCTION WITH MARKER BEACON RECEIVERS THAT ARE INSTALLED IN THE PLANE THUS ENABLING THE PILOT TO KNOW WHEN HE IS OVER THE RUNWAY. (IN CONJUNCTION WITH HIS OTHER INSTRUMENTS.) WATTAGE OUTPUT (1) ONE WATT, MASTER OSCILLATOR & MODULATED CW, 4000CPS, 1300CPS, 3000CPS TUBE LINEUP 4/6V6, 2/6SN7, 1/6SR7, 1/65, 2/VR150, 30 & 1/5Y3. COMPLETE WITH TUBES & DIPOLE ANTENNA & OPERATING MANUAL. SIZE: 17 1/2 x 10 1/2 x 11 WT 35LBS PRICE UNUSED \$29.95



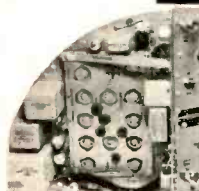
BC-1333 MARKER BEACON RECEIVER 75MC. USED TO RECEIVE SIGNALS FROM ABOVE TRANSMITTER. WHEN SIGNAL IS RECEIVED IT OPERATES A RELAY IN THE RECEIVER WHICH IN TURN CAN BE USED TO OPERATE SIGNALS, LIGHTS, MOTORS, TURN ON EQUIPMENT ETC. VOLTAGE REQUIRED 24VDC. COMPLETE WITH TUBES 1/12SN7, 1/6SH7, 1/6SL7 SIZE: 3x5 1/2 x 5 1/2 WT. 3LBS. PRICE: USED \$2.95

C-1 CONTROL BALLISTICS BOX; FOR BOMBING NAVIGATIONAL COMPUTER PT# 654573; HAS 4 DIALS WITH CONTROLS CONNECTED BY GEARS TO AUTOSYN RESOLVERS SPERRY #6624-28 SIZE 1 1/2 x 1 1/2 5 EA. #662426 1 1/2 x 2 EA. #5663478 3x2 1/2 2 EACH. ROTARY BAND SWITCH 4 DECK 10 POS. SIZE 9x12x8; WT: 20 LBS. \$7.95

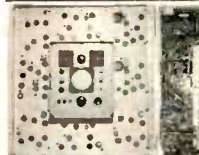


AMMUNITION FIRE CONTROL POWER DISTRIBUTION PANEL 17IE608G1 & 519E147G1; TWO DIALS THREE GEAR CONTROL, 2 THREE DIGIT COUNTERS WITH MANUAL RESET AND HOLD 24 V OPERATION, 7 SWITCHES, TERMINAL STRIPS ETC. SIZE: 11x11x5; WT: 15 LBS. PRICE: USED \$4.95

OSCILLATOR



R.F. OSCILLATOR. PART OF GKA-1 EQUIPMENT. CONTAINS SEVERAL TYPES OF BAND PASS FILTERS, VARIABLE CONDENSER, TUBE SOCKETS TEST JACKS, RESISTORS 1%, CAPACITORS, 2/UG-88 BCN COAX. CONNECTORS, PILOT LIGHT, SWITCH, POTS ETC. OSCILLATOR FREQ. APPROX. 24 KC. SIZE: 12x12x4 1/2; WT: 13 LBS. USED \$1.95



SCOPE MONITOR CONVERTER

CONVERTER-MONITOR PANEL ASSEMBLY CV-399/GPA23 PART OF COMPUTER SYSTEM. CONTAINS A GOOD 3" SCOPE FOUNDATION ASSY. USING 3CP1A C.R TUBE MOUNTED ON A PANEL 10" x 12". SCOPE PANEL HAS 0-100 VERNIER DIAL 1 1/2" PLUS CENT, FOCUS CONT. SWITCHES ETC. THE MASTER PANEL HAS 10 SEPARATE SUB-PANELS WITH LOADS OF CONDENSERS, RESISTORS, TERMINAL STRIPS ALSO AUTOSYN, CONNECTORS, CONTROLS, TRANSFORMERS AND LOTS MORE. SIZE: 25 1/2 x 25 1/2 x 14; WT: 5 1/2 LBS. USED \$9.95



MILLIVOLTMETER

MILLIVAC D.C. MILLIVOLTMETER TYPE RM-17 MEASURES FROM 1 MV TO 1000 V IN 13 STEPS ON 4 1/2" SQUARE METER. RACK PANEL MOUNTING 19x7" OPERATES FROM 115 VOLT 60 CYCLE. WT: 18 LBS. PRICE: USED \$85.00



GP-7 TRANSMITTER

GP-7 NAVY AIRCRAFT TRANSMITTER 1500-4525 KC & 6200-9050 KC BY USE OF THREE (3) PLUG IN TUNING UNITS SUPPLIED WITH THE TRANSMITTER. AM OPERATION, VOICE/PHONE 30-50 WATTS, CW & MCW 85-125 WATTS DEPENDING ON THE TYPE OF INSTALLATION. WITH TUBES 2/1616, 1/803, 1/801, 1/843 & 1/5Z3, ANTENNA LOADING COIL, PILOTS & OPERATORS CONTROL BOX, THREE ARE TWO 2 1/2" METERS FOR MEASURING THE VARIOUS VOLTAGES AND R.F. OUTPUT. VOLTAGE REQUIRED 115 VOLT 800 CYCLE & 24 VOLTS D.C. THE SET IS CONSTRUCTED OF ALUMINUM AND THERE ARE TWO CASES SUPPLIED FOR THE TUNING UNITS NOT IN USE. SIZE: 23 1/2 x 11 x 13; WT: 80 LBS. UNUSED \$25.00

RM-52 REMOTE CONTROL UNIT (MACY'S PHONE PATCH) USED FOR RE-CONTROL OF RADIO SET, OPERATES FROM 4 FLASHLIGHT BATTERIES. HAS MULTI-TAP TRANSFORMER, MIC, PHONE HIGH/LOW IMPEDANCE & JACKS. BASIC UNIT FOR MAKING MACY'S PATCH. SIZE: 7 1/2 x 3 1/2 x 2 1/2; WT: 5 LBS. PRICE: USED \$1.95



RM-53 REMOTE CONTROL UNIT; BASICALLY THE SAME AS RM-52 ONLY IT HAS A 3 POSITION SWITCH AND CORDS WITH PL-55 AND PL-68 PLUGS. SIZE: 8 1/2 x 4 1/2 x 4 1/2; 6 LBS PRICE: USED \$2.95

W.U. INTRAFAX



TRANSMITTER SCANS THE DATA THAT IS FED INTO THE MACHINE WITH A LIGHT SOURCE AND PHOTO ELECTRIC CELL WHICH IS AMPLIFIED AND SENT BY WIRE TO THE RECORDER WHICH THEN REPRODUCES THE DATA ON SENSITIZED PAPER 1 1/2" WIDE. THE TRANSMITTER USES TUBES 1/1X2, 1/6C4, 1/6AQ5, 1/931A (PHOTOELECTRIC), LIGHT SOURCE, SYNCHRONIZING MOTORS, GEARS ETC. THE RECORDER DOES NOT HAVE ANY TUBES BUT HAS THE SCANNING MECHANISM, MOTORS, RELAYS ETC. EQUIPMENT OPERATES FROM 115 VOLT 60 CYCLE BUT DOES NOT HAVE THE POWER SUPPLY REQUIRED THE TUBES, PHOTO-ELECTRIC, LIGHT SOURCE AND SCANNING CIRCUITS. TRANSMITTER SIZE 18x18x7; WT: 40 LBS. #7762A RECORDER SIZE 18x12x7; WT: 33" #7771A PRICES: BOTH UNITS FOR \$39.95 NEW

GIBSON GIRL TRANS.

GC-778 TRANSMITTER, EMERGENCY TYPE FOR USE ON THE DISTRESS FREQUENCY OF 500 KC. UNIT IS POWERED BY A HAND CRANK GENERATOR THAT SENDS AUTOMATICALLY S.O.S SIGNAL, CAN ALSO BE KEYED MANUALLY, WITH 1000 CYCLE TONE MODULATION. WITH 2/12A6 TUBES AND ANTENNA WIRE REEL (NO KITES, BALLOONS OR PARACHUTES AVAILABLE). SIZE 10x10x8; WT: 20 LBS. PRICE: TRANSMITTER ONLY USED \$29.95

T-74/CRT-3 TRANSMITTER, SAME AS ABOVE ONLY HAS DUAL CHANNEL 500 KC AND 8364 KC. MANUAL KEYING ON 500 KC. ONLY. USED \$75.00

SUPERSONIC

SELECTOR

NAVY SUPERSONIC SELECTOR IS A TEN CHANNEL SELECTOR USING 12SH7 AMPLIFIERS AND ADJUSTABLE TUNED CIRCUITS. FREQUENCIES SET: 20, 27.5, 35, 42.5, 50, 57.5, 72.5, 87.5, 102.5, 117.5, CYCLES. UNIT CONTAINS 10 SPST 3300 OHM TELEPHONE TYPE RELAYS AND 10/12SH7 TUBES, SIZE 11x12 1/2 x 6 1/2 WEIGHT 30 LBS. \$8.95

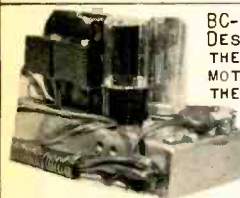
POWER SUPPLIES



RECEIVER POWER SUPPLY & SPEAKER FOR THE FOLLOWING SETS
 R-23/ARC-5 BC-453 BC-342
 R-24/ARC-5 BC-454 BC-344
 R-25/ARC-5 BC-455 BC-348
 R-26/ARC-5 BC-946 BC-429
 R-27/ARC-5 RAX

COMPLETE WITH 6" DYNAMIC SPEAKER HOUSED IN A METAL CABINET WITH CONNECTING CABLE, PLUG, PHONE JACK, VOLUME CONTROL, BFO SWITCH ETC. IF REQUIRED, CAN ALSO BE USED FOR OTHER SETS. OUTPUT 200/250 VDC @ 90/60 MA. & 24 VAC @ 2A. INPUT 115 VOLT 60 CYCLE. SPECIFY FOR WHAT SET. SIZE: 10x10x6; WT: 15 LBS. NO. P.S.(SET NUM.) PRICE; KIT OF PARTS \$15.00 WIRED \$18.95

BC-652 RECEIVER POWER SUPPLY WITH SPEAKER SAME AS ABOVE; KIT \$20.00; WIRED \$23.95



BC-603/BC-683 RECEIVER P.S. DESIGNED TO BE PLUG IN-TO THE SAME PLACE AS THE DYNAMOTOR WITH NO CONVERSION TO THE SET THAT WILL EFFECT THE OPERATION FROM THE DYNAMOTOR. ONLY WORK REQUIRED IS ADD ON/OFF SWITCH IN PLACE OF SPARE FUSE HOLDER. TRANSFORMER TYPE USING 5Y3GT TUBE
 OUTPUT 220 VDC, 80 MA. & 24 VDC 2 A. WT: 5LBS.
 NO. P.S.603/683 KIT \$10.00 WIRED \$14.95



BC-923 RECEIVER POWER SUPPLY
 OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 275 VOLTS DC, 150 MA. & 12.6 VOLTS AC. 4 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5U4G TUBE, CHASSIS, WIRING DIAGRAM, LINE CORD ETC.
 SIZE: 5x6x9 1/2; WT: 15 LBS.
 PRICES: KIT OF PARTS...\$16.00
 #PS-923 WIRED.... 20.95

R-77/ARC-3 RECEIVER POWER SUPPLY

OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 210 VOLTS DC @ 125 MA. & 24 VOLTS AC @ 2 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5Y3GT TUBE, CHASSIS, LINE CORD ETC. #PS-R77/ARC-3
 SIZE: 5x6x9 1/2; WT: 14 LBS. (LAYOUT SAME AS 923)
 PRICES; KIT OF PARTS..\$15.00 WIRED \$19.95

POWER SUPPLY No.7630019. OPERATES FROM 115 VOLT 60 CYCLE DUAL HIGH VOLTAGE OUTPUT 400 DC 200 MA & 400 DC 200 MA. ALSO 6.3 VAC 2.75 A. & 6.3 VAC 5.5 A WITH 2/5R4GY TUBES.
 SIZE: 10x7x15; WT: PRICE: \$19.95



CABLE WITH 18 CONTACT PLUG TO FIT P.S \$2.00

POWER SUPPLY No.7630020VR VOLTAGE REGULATED, OPERATES FROM 115 VOLT 60 CYCLE. OUTPUT 200-250 DC. @ 150-250 MA. ALSO 6.3 VAC 2.75A & 6.3 VAC 5.5 TUBES 2/6AS7G, 1/VR-105, 1/6AK7 & 1/5R4G. WT: 30 LBS.
 SIZE: 11x10x6 \$18.95

CABLE WITH 18 CONTACT PLUG TO FIT POWER SUPPLY PLUG, 4 FOOT \$2.00

POWER SUPPLY 763003 (MODIFIED) OUTPUT 375 VDC @ 225 MA & 6.3 VAC @ 2.75 A, 6.3 VAC @ 5.5 A. INPUT 115 VOLT 60 CYCLE. WITH 2/5R4GY TUBES.
 SIZE: 9 x 13 x7; WT: 35 LBS.
 PRICE: \$14.95

CONNECTOR 18 CONTACT \$2.00

PP-662/GPN POWER SUPPLY, VOLTAGE REGULATED, 300 VDC 10 TO 90 MA. PLUS POTENTIAL, 210 VDC MINUS. WITH TUBES 4/5651, 2/6AH6, 1/12AT7, 2/6AS7, 1/5Y3 & 1/5R4. OUTPUT PIN JACKS WITH ADJUST METERING SWITCH, FUSED OUTPUT & INDICATOR LIGHTS.
 SIZE: 10x8x20; WT: 35 LBS.
 NO. COVER OR PLUG IN RELAY.
 PRICE: USED \$14.95



DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE CORD, PILOT LIGHT, LINE FUSE ETC. INDICATED RATINGS ARE FOR LOAD CONDITIONS.

DUAL OUTPUT 12/14 OR 24/28 VDC @ 6 AMPS. SIZE 7x6x13; WT: 17 STK#PS-12/24VDC6A
 KIT OF PARTS...\$20.00
 WIRED COMPLETE... 24.95



OUTPUT 12/14 VOLTS DC @ 6 AMPS. SIZE: 5x9x5; WT: 20 LBS.
 STK#PS-12VDC6A
 KIT OF PARTS...\$14.00
 WIRED COMPLETE... 18.95



OUTPUT 24/28 VOLTS DC @ 4 AMPS. SIZE: 5x9x5; WT: 12 LBS.
 STK#PS-24VDC4A
 COMPLETE WIRED..\$17.95
 KIT OF PARTS.... 13.00

OUTPUT 12/14 VOLTS DC @ 4 AMPS. SIZE: 5x9x5; WT: 20 LBS.
 STK#PS-12VDC4A
 COMPLETE WIRED..\$14.95
 KIT OF PARTS.... 10.00

OUTPUT 24/28 VOLTS DC @ 1 1/2 A. SIZE: 7x6x5; WT: 6 LBS.
 #PS-24VDC1.5A WIRED..\$10.95
 KIT OF PARTS \$8.00

OUTPUT 12/14 VOLTS DC @ 2 AMP. SIZE: 7x6x5 WT: 7 LBS.
 #PS-12VDC2A WIRED...\$9.95
 KIT OF PARTS..... 7.00



MOBILE SUPPLY

AVA-126 VIBRATOR POWER SUPPLY; OUTPUT 300 VDC 100 MA. OPERATES FROM 6, 12 OR 24 VOLTS D.C WHEN THE PROPER VIBRATOR IS USED, OCTAL BASE. SUPPLIED WITH 6 VOLT VIBRATOR (USED WITH AVT-112 AIRCRAFT TRANS) ILLUSTR. COVER REMOVED. UNUSED
 SIZE: 7x7x7 1/2; WT: 12LBS. \$4.95



RA-42 POWER SUPPLY RACK MOUNTING 19", 115/230 V 60 CYC OPERATION, OUTPUT 200-250 VDC 100 MA HOUSED IN CABINET 7x8x6 1/2 WT. 30 LBS.

RA-42 B RENEW \$11.95



POWER CONVERTER

TRANSISTORIZED POWER CONVERTER 12 VOLTS D.C. TO 117 VOLTS A.C. POWERFUL 125 WATTS CONTINUOUS DUTY WITH POWER TO SPARE FOR EXTRA YEARS OF SERVICE. PLUGS INTO CIGAR LIGHTER OF AUTO OUTLET AND WILL OPERATE LIGHTS, SHAVERS, RADIOS PHONOS OR MOST ANY EQUIPMENT DRAWING 10 TO 125 WATTS. SIZE 5x5x4; WT: 4 1/2 LBS.
 PRICE: \$29.95 (NEWLY MANUFACTURED)

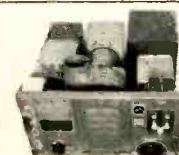
VIBRATOR PACK

PP-68 VIBRATOR PACK CONVERTS 6 OR 12 VOLTS DC TO 115V 15 WATT OR 50 WATT TO RUN SMALL APPLIANCES. IDEAL FOR USE ON CAMPING TRIPS.
 INPUT: 6 OR 12 VDC
 OUTPUT: 115 V 60CYC 15 OR 50 WATTS.
 SIZE: 9x8x7 1/2 WT. 22 LBS.



USED \$9.95

RA-94 POWER SUPPLY USED WITH BC-779 SUPER-PRO OR BC-794 REC. 115/230 VOLT 60 CYCLE INPUT, 19" RACK PANLE MTG. 10 1/2" H x 11" D. P.S OUTPUT 270 VDC & 140 VDC 150 MA. ALSO 6.3 FOR FILAMENTS. W/ 5Z3 & 80 TUBE. SHPG. 100 LBS.
 USED \$19.95 USED CHECKED \$22.95



PP-115/TRC-8 POWER SUPPLY OUTPUT 550 VDC 350 MA & 6.3 VAC CT. 6 AMPS. WITH 2/5U4G, 115/230 V 60 CYCLE
 SIZE: 12x8x14; WT: 50 LBS.
 ILLUSTRATION SHOWS 115 V APPROX. 100 CFM BLOWER.
 WITH BLOWER...\$19.95

RECTIFIER 12 VDC

RECTIFIER POWER UNIT 12 VDC 20 AMP CONTINUOUS DUTY OUTPUT, INPUT 115/440 VOLT 60 CYCLE, 3 1/2" METERS 0-15 D.C VOLTS, 0-30 DC AMPS. COARSE & FINE CONTROLS, SELINIUM RECTIFIERS BRACKETS FOR WALL MTG.
 SIZE: 12x17x11; WT: 70 LBS. NEW NAVY#6130-542-6140; Mod. #S20-GS12VN \$45.00



CONVERTER



M-222 CONVERTER; USED TO SUPPLY EMERGENCY RINGING POWER FOR TELE PHONE SWITCHBOARDS. OPERATES FROM 3 VOLT DRY CELLS TO PRODUCE 50 VOLTS INTO A 5 WATT LOAD AT 24 CYCLE. PORTABLE UNIT IN METAL CASE. SIZE 6X6X7; 13 LBS. \$9.95

TS-1470/UP STRIPPED WITH 2 1/2" MILLIWATT METER, FUSE HOLDERS, SWITCHES, POTENTIOMETERS, AND POWER SUPPLY 300V 36MA, 6.3V 1.25A, 5.0V 2A, 6.3V 1.7A. COMPLETE WITH TUBES: 5R4, 6Y6, 6SH7, 2/0B2, 2/6SL7. SIZE: 18x12x11; WT: 35 LBS.
 USED WITH CASE AND METER... \$14.95
 USED WITH CASE NO METER.... \$11.95

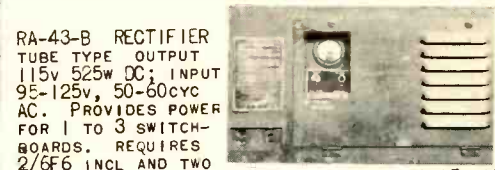


TRANSISTOR POWER SUPPLIES

ACOPIAN TRANSISTOR POWER SUPPLY. INPUT: 125 VOLTS 60 CYC. OUTPUT: 0-100 VDC @ 0-100 MA TUBES: 2/6L6; 12AX7; 6AU6; 5U4; 0A2; 0B2; 0G3 FOR RACK MOUNTING. SIZE: 3 1/2x7 1/2x19
 USED \$29.95



ELECTRONIC MEASUREMENTS TRANSISTOR POWER SUPPLY MODEL 212A. INPUT: 125V 60 CYC; OUTPUT: 0-100 VDC @ 0-100 MA. TUBES: 2/6L6; 5U4 0B2; 0A2; 0G3; 12AX7; 6AU6. FOR RACK MOUNTING. SIZE: 19X9 1/2x3 1/2. WT. 16 LB. USED \$29.95



RA-43-B RECTIFIER TUBE TYPE OUTPUT 115V 525W DC; INPUT 95-125V, 50-60CYC AC. PROVIDES POWER FOR 1 TO 3 SWITCHBOARDS. REQUIRES 2/6F6 INCL AND TWO 6GJ, NOT INCL. WT. 165 LBS. SIZE: 22x17x10
 PRICE: \$24.95 USED

PE-204 VIBRATOR POWER SUPPLY OPERATES FROM 12 VDC OUTPUT VOLTAGES 2/4.3 VDC @ 50 MA. 2/45 VDC @ 1/2 AMP, 2/85 VDC 5 MA. SIZE: 7x5x5 1/2; WT: 12 LBS
 PRICE: UNUSED \$3.95



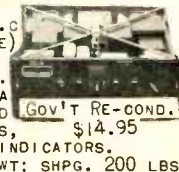
SCOPE POWER SUPPLY 110 VOLT 380-420 CYCLE INPUT, OUTPUT APPROX. 1800 VOLTS 1.5 MA. WITH TRANSFORMER, 2/CONDENSER .1 4000 VDC, 1/122 TUBE, TERMINAL STRIP RESISTORS ETC.
 SIZE: 6x7x5 1/2; WT: 5 LBS.
 GE ASSY#7608055 \$2.95

PP-111/APS-10 POWER SUPPLY AS USED IN THE APS-10 RADAR SET. OPERATES FROM 115 VOLTS 400 CYC & 24 VDC FOR FILAMENTS, SUPPLIES 4000 VDC 105 VDC & 300 VDC. WITH TUBES 6X5 VR-105, 5R4, 6Y6, 6SH7, 2X2. SHOCK-MOUNTED CHASSIS, SIZE: 9x11x13; WT: 21 LBS
 PRICE: USED \$4.95 NEW \$6.95



MULTI OUTPUT SUPPLY

RA-105 POWER SUPPLY; INPUT 115 VOLT 60 CYCLE, OUTPUT D.C VOLTAGES 2400 VDC (FOR SCOPE) 544, 415, 295, MINUS VOLTAGES 1480, 290, 110, FILAMENT VOLT. 6.45 @ 12 AMP. AND 6.45 @ 10 A WITH TUBES 3/5U4G, 3/2X2 AND 1/6X5GT ALSO HAS FUSED LINES, CIRCUIT BREAKERS AND LIGHT INDICATORS.
 SIZE: RACK MTG. 24"x24x10; WT: SHPG. 200 LBS.
 Gov't Re-cond. \$14.95



Control Boxes Filters Indicators Tuning Units Amplifiers



C-847/U CONTROL BOX FOR AN/VRC-19. CONTROL BOX CONTAINS 2 PILOT LIGHTS, MOMENTARY SPEAKER CONTROL, SQUELCH CONTROL, AND EXPLOSION PROOF SPEAKER. WHOLE UNIT IS WEATHER PROOF. SCHEMATIC INCL. 9x5 1/2x3 1/2 WT. 6 LB USED \$8.95
U-77 CONNECTOR PLUG FOR HANDSET. USED \$1.00

VACUUM CAPACITOR

VACUUM CAPACITOR 3 MMFD 15 KVDC, PLUS OR MINUS 10% W/CONNECTORS. SIZE 5/8x4 JENNINGS TYPE Y-3 N. \$1.95



TELECORD REMOTE CONTROL 3 NEON IND. 2 SPST PUSH SW W/25' 7 COND. CORD. 3x2x5 1/2; 5 LB. NEW \$4.95

C-87/ART-13 CONTROL BOX, WITH 11 CHANNEL SWITCH, OFF, VOICE, C.W-MCW, IND. LIGHT, MIC JACK & CODE KEY. \$2.95

C-626/ARC-27 CONTROL BOX. AUTOMATIC CHANNEL SELECTOR PRESET MECH. W/ 24 V. DC MOTOR, RELAYS, GEARS ETC. SIZE 6 1/2x6x5; WT; 13 LBS. PRICE, USED \$4.95



BC-1303 CONTROL UNIT USED IN TE-36 TEST SET FOR SCR-522. HAS ALL FACILITIES FOR OPERATION, OFF-A-B-C-D CHANNEL SWITCH, MIC, PHONE & ANT. JACKS, TRANS, REC & REMOTE SW. & PL-170 RECEPTACLE. \$3.95

VERNIER DIAL 6" 0-100 SCALE ADJUSTABLE STOPS 5 POS. USED IN TAJ TRANS. 4 LB. \$2.75



BC-1366 BC-335 C-4/ARN-7 RADIO COMPASS CONTROL BOX USED W/R-5, 5A ARN-7, THREE BANDS 200-1750 2" TUNING METER & GRAIN OF WHEAT LAMPS. TAKES MC-124 CONTROL SHAFT. USED \$3.95 FT-224 MOUNTING FOR C-4 BOX WITH TERMINAL STRIP & PLUG USED \$1.50

BC-1366 CONTROL BOX CONSISTS OF 5 POSITION ROTARY SWITCH, VOLUME CONTROL & MICROPHONE & PHONE JACKS PRICE: \$1.00

BC-335 CONTROL BOX WITH MICROPHONE & PHONE JACKS VOLUME CONTROL. 3x3 1/2x1 1/2 2 LBS. \$.55

Beam Filter
NAVY TYPE RANGE BEAM FILTER 1020 CYCLE ACCEPTANCE OR REJECTION. PRICE: WITH PL-55 \$1.95

TL-150 TUNING WAND FOR BC-659, BC-620 \$ 7.75

SIDE BAND Loading Coil C-114 - \$1.50



PHONE PATCH TRANSFORMER C-161 - \$1.50

CONTROL CROSS-HAIR #1280-322-8990. VARIABLE STICK CONTROL VARIES THE POTENTIOMETERS (2) ONE IN THE FORWARD & BACK OTHER EACH SIDE ALSO PALM & THUMB SWITCH. SIZE: 1 1/2x7x6 WT: 5LB. \$2.50

KLAXON HORN USED ON AIRCRAFT LANDING GEAR SIGNAL. OPERATES 24 VDC, CAN BE ADJUSTED FOR 12 VDC ALSO FOR SOUND, GIVES OUT RASP. NOISE 5x5x3; 4 LBS. UNUSED \$1.50

FLASHER POSITION LIGHT, PERIODIC AIRCRAFT TYPE C-2, CONTAINS 2 FLASHER G-107 BALLAST TUBE, 24 VDC RELAY DPDT, COND, RES SIZE: 4x4x4; WT: 2 LBS. USED PRICE: \$1.00 EA. 2/\$1.50

HEATING ELEMENT 115 VOLT 500 WATT SINGLE SECTION STRIP 23 1/2 LG. X 1 1/2" WIDE X 7/16", METAL SHEATH & MTG. HOLES. 2LBS 225015-24 \$1.50 EA.

HEATING CABLE LEAD HEATING CABLE LEAD COVERED 25 OHM 60 FT. #PARANT-48 131L 60 FT. LTH. \$2.95

C-60/AP CONTROL BOX. METER 2 1/2" 0-150 VOLT 400 CYCLE, TWO MICRO SWITCHES AND ADJ CONTROL. SIZE 6 1/2x6 1/2x3; WT: 3LBS. USED \$1.95



C-30/ARC-5 BC-451 BC-136/2 C-30/ARC-5 CONTROL BOX WITH 7 push button switches marked A, B, C, D, OFF, 1&2. Also tone, SW & voice switch & connectors. Price.... \$1.00 BC-451 CONTROL BOX with switches tone-CW-voice, on-off, 1/2/3/4 also code key, mic & phone jacks.

BC-136-2 Control unit with mic & phone jacks, volume control & two binding post. \$.35 each Four for \$1.00

1-101 CROSS POINT INDICATOR FOR COMBINED USE FROM LOCALIZER REC. & GLIDE PATH REC. PART OF /RN-5 & RC-103. SIZE 3 1/2x3 1/2x3 WT: 3LBS. USED \$1.95

CAMERA LIGHT FILTER GRAY COLOR 50% TRANS. SCREW IN MOUNTING. 2-23/32 69MM DIA. WRITTEN DENSITY .30 FOR WOLLENSAK TYPE V254 MM F4.5 35 MM P/O PH330G CAMERA 8A1101-50.4 \$1.95



RADIO CONTROL BOX BC-450-A 6 ROTARY 3 POSITION 2 CONTACT SWITCHES, CENTER OFF. 3 POTENTIOMETERS; 4 PHONE JACKS, 3 EIGHT PRONG PLUGS TUNING DIALS FOR THREE RECEIVERS. 9 1/2x3 1/2x6 \$2.50

TIMER CLOCK ACCURATE MOVEMENT DRIVEN BY SYNCHRONOUS MOTOR. CONTACTS TO AUTOMATICALLY TURN OFF A UNIT WHICH IS CONNECTED ACROSS CONTACTS. MAXIMUM TIME ON, IS SIX HOURS. THIS CLOCK HAS MANY USES IN THE HOME AND SHOP. ALL CONTROLS ON FRONT. HAS SWEEP SECOND HAND. FACE, 4 1/2x3 1/2; 2 1/2" DEEP. 115V 60CYC. 4 LBS. \$2.95

BB-212 PLASTIC BATTERY NON-SPILLABLE, BALL INDICATOR 2 VOLT 40 A. 7x4x2 1/2; WT: 7 LBS. \$1.95

BB-208/AMT RADIO-SONDE DRY CHARGE BATTERIES, 4 IN A VACUUM PACKED CAN, ONE 6V 24HR THRU 30 OHMS, 3 36V EA. 3A HR. THRU 1200 OHM. EA. BATT. SIZE 1-5/16x29/32x4-5/32; WT. EA. BATT. 4 1/2 OZ. BATTERY PACK (4) \$.59

N-T-6 PLASTIC STORAGE BATTERY 2 VOLT 28 AMP. HOUR NON-SPILLABLE, BALL INDICATOR DRY CHARGE, 6 VOLT 4 AMP. 3 1/2x2 1/2x1 1/2 LB \$3.95

WILLARD PLASTIC STORAGE BATTERY 2 VOLT 28 AMP. HOUR NON-SPILLABLE, BALL INDICATOR DRY CHARGE, ADD ELECTROLYTE SIZE 4x5x3; WT: 4LB. \$2.95

AUTOTUNE HEAD FOR ATC/ART-13 TRANSMITTER. MULTITURN UNIT WITH DIAL 0-100, KNOB, REVOLUTION COUNTER, LOCKING DEVICE FOR PRESETTING. CONTROL "B". COL#23518 PRICE: \$1.95

INDICATOR AZIMUTH SIGHTING ANGLE TYPE C-1A OPERATES 26 VOLT 400 CYC. TWO 3" INDICATORS #SYA3710 5x3 1/2x3; WT: 4 LBS. \$2.95

INDICATOR AMP. AM-5/APS-4 6 POTENTIOMETERS 2/6V6; 6SL7; 6J6 AND MANY OTHER USEFUL PARTS. 4x5x7 1/2 WT. 5LBS. PRICE: \$7.95



ID-11/APS-4 INDICATOR FOR APS-4 RADAR SET. USES TUBES 3FP7 AND 2/6J6. WT. 6 LBS. USED \$3.95 NEW 4.95

COUNTER CHAFF DISPENSER CONTROL WITH 5 DIGIT DECLINING COUNTER 2 AT A TIME 24 VDC OPERATION ALSO 12 POSITION WAFER SWITCH. LESS DIAL LIGHT ASSY & SW. 6x4 1/2x3; 2 LBS. \$1.50

FREQUENCY METER CAVITY TUNEABLE 2400 -3400 MC, ABORBTION TYPE, W/DIGIT COUNTER, LESS CRYSTAL DIODE, W/CABLES. P/O TS-3 SIZE: 5 1/2x2; WT: 1 LB. #3F2747-3.2 \$2.95

DICTOGRAPH SWITCH BOX LEVER SWITCH 3 POSITION OFF-LISTEN-TALK, 2 INDICATOR LIGHTS, 6 POSITION WAFER SWITCH, 5 FT. 14 COND. CABLE, WOOD CASE WALNUT FINISH. 2x4 1/2x3 3 LBS. #DICT. 95083 \$3.95

BA-259 DRY BATTERY PACK WATER ACTIVATED, USED W/RADIO-SONDE AMT-4, WAXED CARDBOARD BX VOLTS 1 1/2, 6, & 15 2 1/2x4x4 1/2; 1 1/2 LB. \$1.00

NICKEL CADMIUM BATTERY. 1.2V RECHARGEABLE BATTERY. OUTPUT APPROX. 4 AMP HR SIZE: 3x2x6 WT. 6OZ PRICE: \$2.50

RIGHT & LEFT ANGLE DRIVE SHAFT 3/16" SIDE 1/2 MALE & 1/2 FEMALE. 2 1/2x2 1/2x1 1/2 \$1.50

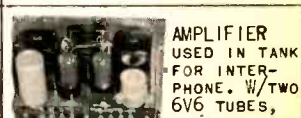
ID-14/APN-1 RADIO ALTITUDE METER, 3" SCALE 0-6 MA MOVEMENT. CAN BE USED AS A BASIC METER MOVEMENT AND CHANGE SCALE AS DESIRED. PRICE: USED \$1.50



BC-347 AIRCRAFT INTERPHONE AMPLIFIER

Used in small planes for speaking. Has two oncuer transformers Carbon microphone input & standard headset output. Requires 12 Or 24 volt & 250VDC. Uses 6P8 tube. Size 3x2x5 WT 3lbs. with tube \$1.95 Less tube \$1.25

BC-212 INTERPHONE AMPLIFIER USED IN AIRCRAFT FOR INTER COMMUNICATION, CARBON MIC INPUT, OUTPUT FOR 2000 OHM HEADSET. W/ 2/6J5 TUBES. VOLTAGE REQ. 12 V & 220Vdc SIZE: 5x5x2; 2 LB. \$1.95



AMPLIFIER USED IN TANK FOR INTERPHONE. W/TWO 6V6 TUBES, LESS DYNAMOT OR. REQUIRES 250 VDC 50 MA. & FILAMENT VOLTAGE. SIZE: 9x9x3; WT: 10 LBS. BC-367 NO CASE F/12V \$1.95 BC-667 W/ " F/24V 2.95

BATTERY CHARGER FOR BB-51 & BB-52 BATTERIES. TRICKLE CH OPERATES FROM 6 OR 12 VOLT STORAGE BATTERY. HAS 2-3" METERS 0-100 DC VOLTS AND 0-30 & 0-300 DC MILLIAMPS SCALES. SIZE: 12x8 1/2x7; WT; 20 LBS. PRICE: \$14.95

100 POWER INSPECTION MICROSCOPE MANUFACTURED BY JONES & LAMSON MACHINE Co. 9 1/2x2 WT. 5LBS. \$14.95

VIBRATORS

VB-16/6, 12 OR 24 VOLT FOR PE-237 \$3.95 TYPES LISTED BELOW \$1.95 EACH
VB-1/6VOLT FOR PE-117 PE-97 & PE-237 SAME AS VB-7
VS-3/6VOLT FOR PE-104 SAME AS MALL-5500
G534/12 VOLT FOR PE-110
VB-8/2 VOLT FOR PE-157
VB-9/6 VOLT FOR PE-157
VB-11/24 VOLT FOR PE-12
VB-12/6 VOLT FOR PE-120
VB-13/12 VOLT FOR PE-12

TS-279 DUMMY ANTENNA LOAD

Three inch pyrex feed thru insulator, 1000 ohm 100 watt resistor with two test lead & clips. Cabinet size 13 x 6 x 4". Can be used for a chassis. Stock # TS-279 Price \$1.95

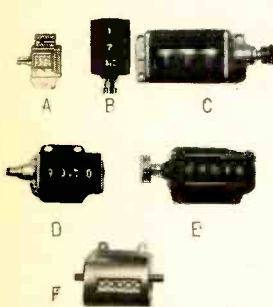
MINIMUM ORDER \$3.00

ALLIGATOR CLIP WITH SCREW CABLE HOLDER & PINCH SPIKE AT JAWS. 2 INCHES LONG.
6 FOR \$0.50



RT-58/ARC-12 CHANNEL SELECTOR ASSEMBLY. CONSISTS OF AUTOTUNE ASSY. 10 POSITION MOTORDRIVEN 26.5 VDC. CHANNEL SELECTOR AND STOP INDICATOR, EXTERNAL SHAFTS TURN 60 RPM. ALSO RELAYS, CONN., ETC. SIZE: 4 1/2 x 6 x 3 1/2. WT: 5 LBS. USED \$2.95

TIMER MOTOR SWITCHING ASSEMBLY. 4 R.P.M. S.P.D.T. MICROSWITCH VARIABLE TIMING CAMS FOR ACTUATING SWITCHES. #H9200. SIZE: 3x2 1/2 x 5 WT. 2 LBS. 1 SW. 6V..... \$1.95 2 SW. 28V 1.5 RPM 2.50 115 V 60 CYC, SET UP TO 1 RPM, 2 SW. 10 A, 115/230 VOLT INDUSTRIAL J-993 \$9.95



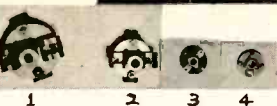
- A. 3 DIGIT COUNTER. 1/8" SHAFT. EACH NUMERAL 1/8 IN. SIZE: 1 1/2 x 3 1/2. STK#CBSH334 \$.75
- B. 3 DIGIT COUNTER. FOR VERTICAL MOUNTING. 3/8 IN. GEAR ON SHAFT. EACH NUMERAL 1/8". 1 1/2 x 1 1/2 - 1/8 STK#CBSH173 \$.79
- C. 3 DIGIT COUNTER WITH BEVELED GEAR 2 1/2 x 1 1/2. NUMERALS 3/4 x 1/2 IN. STK#CBSH177 \$1.00
- D. 3 DIGIT COUNTER W/DIGITS 10THS, ONES, TENS. 1/8 THS DIGIT REMAINS 0. 1/8 IN. NUMERALS. 2 1/2 x 1 1/2 STK#CBSH9030 \$.75
- E. 4 DIGIT COUNTER W/MOVEABLE DIGITS. 10'S, 100'S, 1000'S, 10,000'S. ONES DIGIT REMAINS 0. 1/8" NUMERALS. 2 1/2 x 1 1/2. 1/8 IN SHAFT. STK#CBSH2867 \$1.25
- F. 5 DIGIT COUNTER W/3/16 IN SHAFT EXTENDING 1/2" AT EACH END. 99999-0 DESCENDING ONLY. 1/8" NUMERALS. 1 1/2 x 1 1/2 STK#CBSH00000 \$1.00

THREE DIGIT COUNTER, GEAR ON END OF 1 IN. SHAFT. 3x1 1/2 x 1 1/2; 1LB. #RIX-D \$1.00

THREE DIGIT COUNTER OPEN TYPE, BEVEL GEAR. #773 \$.50

4 DIGIT COUNTER 24 VDC. RELAY OPERATED. 0000-9999 7/8 x 1 1/8 x 5 #0508 \$2.95

FLEXIBLE COUPLING



CERAMIC INSULATED FLEXIBLE COUPLING FOR 13,500 VOLT FLASHOVER. 2 5/8" x 2 3/8" FOR 1/4" TO 3/8" SHAFTS. COUN001 EA. \$.50

METAL FLEXIBLE COUPLING 2" x 1 1/2" FOR 1/4" TO 3/8" SHAF. COUN002 EA. \$.40

INSULATED FLEXIBLE COUPLING 1" x 3/4" FOR 1/2" SHAFT. COUN003 \$.25

SAME AS ABOVE, BUT NOT INSULATED COUN004 \$.25

METAL FLEXIBLE COUPLING FIT 1/2" TO 3/8" SHAFTS. 1" DIA. 1 1/2" LONG. COUN005 \$.25

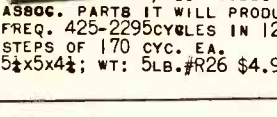
LANDING GEAR

SWITCH ASSEMBLY, SINGLE POLE DOUBLE THROW, PLUNGER TYPE, PLUNGER IS DEPRESSED OPENS ONE CONTACT, CLOSES OTHER, SPRING RETURN. SIZE 3x2 1/2 x 1 1/2, PLUNGER 2 1/2. WT: 8 OZ. PRICE: \$0.50



DY-44 DYNAMOTOR BOX WITH FILTER SYSTEM AND 6 FT POWER CABLE. 1 FT OUTPUT CABLE WITH CANNON AN 31065-145-75 FUSE, ON-OFF SWITCH AND FUSE HOLDER INSIDE DIMENSIONS: 9 1/2 x 5 1/2 x 4. WT. 12 LBS. DY-44A/U \$1.95

AUDIO OSCILLATOR BOX ASSY. W/24 12 MMFD. CERAMIC TRIMM. 21 TEMP. COMP. CAP. & RESISTOR WHEN USED WITH 2/6SJ7 TUBES & ASSOC. PARTS IT WILL PRODUCE FREQ. 425-2295 CYCLES IN 12 STEPS OF 170 CYC. EA. 5 1/2 x 5 x 4 1/2; WT: 5LB. #R26 \$4.95



1273 #K-22 #K-1100 RIM5716

TELEPHONE TYPE LEVER SWITCH
ONE SIDE; MAKE 11; BREAK 1 OTHER SIDE; MAKE 6 #5930-392-1273 \$.40

MAKE 2, BREAK 2, ONE SIDE ONLY #K-22 \$.30

ONE SIDE; MAKE 2 OTHER SIDE; MAKE 2 MOMENTARY #K-1100 \$.30

TCK#405 SPST EACH SIDE 30# TCK#404 GE#P7763503-2 50# 1 SIDE DPDT NC & DPST NO.



VARIOGON PHASE SHIFT CAPACITOR V-42. USED FOR ACCURATE MEASUREMENT OF TIME INTERVALS IN RADAR SYSTEMS. CAPACITY OF INPUT PLATE TO HOUSING 4.4 MMF. CAPACITY OF OUTPUT PLATE TO HOUSING 15.6 MMF. CAPACITY VARIATION OF ONE INPUT TO OUTPUT PLATE 1.2-4.9 MMF. SIZE: 2 1/2 x 1 WT. 1 PRICE: \$4.95

SOUND RECORDING TAPE TW-3U. 7" REEL WITH APPROX. 900 FT OF 2 MIL TAPE. USED WITH RD-42 WT. 4.5 LBS. PRICE: \$4.95

HARDWARE KIT CONTAINS 50 CLAMPS OF 5 TYPES. 20 SCREWS OF 5 TYPE 15 LOCKWASHERS. 7 TERMINAL LUGS & HEX NUTS. 18 SPACERS. WT 5 LBS. RC-298 \$1.00

SWITCH SW-223 DPDT HEAVY DUTY 1" SQ. x 2 1/2" STAND OFFS. 8x4x3; 5LB #3ZK8223 \$2.50

SWITCH DPDT 1 1/2 x 2-5/8" LEVITON 9919 PORCELAIN BASE 39¢ 3 FOR \$1.00

AC LINE CORD 4 FT. WITH SWITCH, WHITE 25¢ 5 FOR \$1.00

THREE CONDUCTOR #18, BLACK PLASTIC 15 FT. 35¢ 3/\$1.00 WIRE SPECIALS #18 COPPER STRANDED NYLON INSULATION 1000 FT. ROLLS \$6.00 ORANGE & RED.

VIDEO AMPLIFIER MODULE FROM APBS-44 RADAR. THREE 5977 TUBES AND RESISTORS. 15 PRONG PLUG. P/O AM-574/APS-44 1 1/2 x 3 x 3 1/2 WT. 1 LB. \$1.95

LENSE 2" FROM A K-14 GUNSIGHT APPROX. 3 POWER TWO FOR \$1.00

SERVO PRESSURE REGULATOR SELSON CONNECTED THROUGH GEARS TO A DEVICE WHICH AUTOMATICALLY COMPENSATES FOR ANY CHANGE IN PRESSURE. 5x7x6 1/2 WT. 10 LBS. \$5.95

MONITOR PANEL ASSY. 5 LEVER SWITCHES EACH SWITCH 2 BREAK, 4 MAKE 1 SIDE, 1 BREAK, 1 MAKE OTHER SIDE, EA. SIDE NE-4 LIGHT ASSY. WIRED TO A 5x5 BLOCK W/35 RESISTORS & THEN TO 2/20 POSITION TERMINAL STRIP. SIZE 2 1/2 x 5 1/2 x 4; WT: 5 LBS #6625-649-5053 \$4.95

IMMERSION HEATER 24 VOLT AC DC, 50 WATTS 2 GAL. LON, 3" PRESS CAP. 4 1/2" SCREW CONE, 5 FT. CORD. HEATING SHAFT 1 1/2". WT: 4LB LFC#EAB801. PRICE: \$1.50

CAPACITY TUNER WITH AUTO-TUNE 160-211 MC 1/2C26 2/SO-239 CONNECTORS 7 1/2 x 5 x 5 WT. 7 LBS. PRICE: \$2.50

CONNECTOR PLUGS 15 CONTACT SIZE: 2 1/2 x 1 1/2 x 1/2 PER PAIR \$1.50 P-601 34 CONTACTS 30" CX2158/U SIZE: 2x2x 1/2 MRE-34H PER PAIR \$2.00 14 CONTACTS 30" CX 2157/U SIZE: 1 1/2 x 1 1/2 x 1/2 PER PAIR \$1.50 MRE-14H 18 CONTACTS 2 1/2 x 2 1/2 x 1 P-2802 PER PAIR \$2.00

TS-446 R.F. INDICATOR, NEON BULB IN LITE PROBE 1/25 WATT NE-2 BULB, 4 1/2 x 1/2 W/CLIP PRICE: \$1.00

TA-211/GR INTERCOMUNICATION MONITOR STATION. THREE LEVER SWITCHES CONTROL RECEPTION OF EITHER OF TWO RECEIVERS OR BOTH WHEN CONNECTED THROUGH JACKS. JACKS FOR MIKE, TWO PHONES OR RECORDER INPUT FOR TWO RECEIVERS. RECEPTICAL FOR CONNECTION INTO EXTERNAL CIRCUIT. SIZE: 7 1/2 x 5 x 2 1/2 WT. 3 LBS. PRICE: \$4.95 NEW

MAGNETRON-MAGNET FOR 725-A TUBE D169974 GAUSS: 5200 AIR GAP: 3/4" POLES: TAPERED 1 1/2 to 1/4" SIZE: 7" HIGH, BASE 2 1/2 x 6 1/2" WT: 9 1/2 LBS. SHPG. WT: 11 LB PRICES: D169974 \$9.95 D168226 \$12.95

ALNICO BAR TYPE MAGNETS (1) ONE INCH x 1/2 x 1/2 ORIGINALY USED IN MICRO PHONES. #948 12 FOR \$1.25

VERNIER DIAL 6" 2 SCALES W/LOCK MO TUNING TAJ \$3.50 5 LBS.

PL-58 AND JK-37 THREE PRONG PLUG AND JACK. PLUG IS KEVED TO PREVENT INSERTING PLUG BACKWARDS. 2x3x1 1/2 EACH \$.59 PAIR 1.00

BOX, FREE FIRING TWO RELAYS 6 VOLT SPST NORMALLY OPEN. THREE CAPACITORS, ONE EACH; 24F @ 600 VDC, 3 1/4F @ 120V 400 CYC, 2x5 1/4F @ 400 VDC. COMPLETE WITH SCHEMATIC AND SHOCK MOUNTING. CHASSIS: 8x5x2 1/2, WITH COVER 8x5x6. 10 LBS. \$1.95

FT-384 ADAPTER FOR TESTING BC-603 BC-683
Used \$2.95 RE-NEW 4.95

PLUGS INTO REAR OF SET AND HAS METERING SWITCH AND JACK FOR ATTACHING METER FOR MEASURING VARIOUS VOLTAGES AND MAKING ALIGNMENT. COMPLETE W/6FT BATT. LEAD.

TELETYPE COUNTER ACTUATED BY 48VDC RELAY. FOUR PULSES OF RELAY CHANGES COUNTER ONE DIGIT. UNIT CONTAINS 115V 60CYCLE MOTOR. MOTOR IS 60 RPM, TORQUE 6.6 INCH OUNCES. 5 1/2 x 5 1/2 x 6 WT. 10 LBS. PRICE \$9.95

RF PRE-AMPLIFIER 150 MC. TYPE BNC CONNECTOR 28VDC ROTARY RELAY WHICH CONTROL TWO CERAMIC WAFER SWITCHES. TUBES: 3/6AS6, 1/6AK5 6 1/2 x 5 x 5 1/2 WT. 5 1/2 LB. 790292 \$5.95

BATTERY HOLDER FOR TWO TYPE D CELLS, SAME AS USED IN MOST FLASH LIGHTS. USED FOR LIGHTING INSTRUMENT PANELS D45200 WITH SWITCH & CORD & PLUG. \$.59

M-33 WITH SWITCH ON RHEOSTAT AND GRAIN OF WHEAT LAMP ON CORD. \$1.00

COILS

EXPERIMENTERS ASSORTMENT ALL FOUR ITEMS FOR \$1.00

DUAL VARIABLE CAPACITOR & COIL ASSY, APPROX. 165 MC. DUAL VAR. CAP. COIL, ACORN SOCKET ETC. APPROX. 200 MC SLUG TUNED VARIABLE COIL ASSY FOR BROADCAST BAND RF & OSCILLATOR F/455KC IF 1ST RF TUNING STAGE FOR PART OF BROADCAST BANDS, 3 VAR. CAP. COILS, COND. RESISTORS, WAFERS ETC.

BC 683 LCU 3 COIL R.F. OSCILLATOR TUNING UNIT FOR BC-683 RECEIVER ALSO USED TO CONVERT BC-603 TO BC-683. #BC-683/LCU3 \$2.00

60 MC IF BROAD BAND USES 10 TUBES 5/717A, 3/6AK5 1/6SL7 & 1/6SN7; HAS MIXER PANEL, RELAYS, CABLES ETC. SIZE: 14x4x5; WT: 4 1/2 LB. USED STK# D-152229 PRICE: WITH 5/717A \$2.95 WITH 10 TUBES 6.50

PARTS BONNAZA



PLUG IN TUNING UNITS USED WITH BC-191/BC-375 TRANSMITTER. THESE UNITS CONTAIN MANY PARTS THAT CAN BE USED BY SCHOOLS, LABORATORIES, HAMS, OR EXPERIMENTERS. LISTED BELOW ARE THE VARIOUS TUNING UNITS WITH FREQUENCY COVERAGE, AND PARTS LIST. ALL UNITS INCLUDE CABINET, KNOBS, HANDLES, BRACKETS, AND OTHER PARTS. THE NEW TUNING UNITS ALSO INCLUDE THE OUTER CASE.

SIZE: 17x9x7 1/2 WT: 13 LBS.

TU-5B 1500-3000KC

M-0 tank inductance
M-0 band change switch
Antenna coupling switch
P-A band change switch
Capacitors, as follows:
3/0.0001 mfd 3000 volt
0.00003 mfd 2000 volts
2/0.0004 mfd 5000 volts
3/0.00009 mfd 3000 volts
Var. 8-26mmf, 20-135mmf
20-156mmf
Antenna coupling coil
P-A grid choke coil
M-0 grid choke coil
P-A tank inductance
Res. 15 ohms, 4.5 watts
2 1/2" vernier dial
Right angle drive
New \$6.95

TU-6B 3000-4500KC

M-0 tank inductance
P-A tank inductance
P-A grid choke coil
M-0 grid choke coil
Antenna coupling coil
M-0 band change switch
P-A band change switch
Antenna coupling switch
Capacitors, as follows:
2/0.00005 mfd 3000 volt
2/0.0004 mfd 5000 volts
Variable cap. 19-116 mmf, 8-26mmf, 15-77mmf
M-0 tuning compensator
Res. 15 ohm, 4.5 watts
2 1/2" Vernier dial
Right angle drive
New \$5.95 USED \$3.95

TU-7-B 4500-6200KC

M-0 tank inductance
P-A tank inductance
Antenna coupling swite
Antenna coupling coil
P-A grid choke coil
M-0 grid choke coil
Cap. as follows:
2/0.0004 mfd 5000 volts
Var. Cap. 8-26 mmf,
23-111mmf, 19-116mmf
2 1/2" Vernier dial
Right angle drive
New \$5.95 USED \$3.95

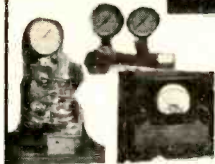
BC-306 ANTENNA TUNING UNIT 200-500 KC

VARIOMETER COIL
VARIOMETER DIAL
ANTENNA COUPLIN
SWITCH
INSULATORS
NEW \$4.95, USED



CONTROL PANEL K-2406-3 FOR POWER, FUSE & ALARM, PILOT & HIGH/LOW, 3 FUSED SERVICES, 4 PILOT LIGHTS, 4 PUSH BUTTONS, PRINTED CIRCUIT BOARD HAS 12 TRANSISTORS, 4 DIODES RESISTORS, CONDENSERS AND 2 VARIABLE COILS (ACCORDING TO THE MARKING ON THE CHASSIS THIS UNIT MAYBE TUNED TO 268 KC) ALSO RELAYS 1/12 VDC DUAL COIL 1/SPDT 1/SPST, ONE 24 VDC DPDT & 3 24VDC SPST. SIZE: 3 1/2x4x9; WT: 4 LB. USED \$5.95

VAPOR DETECTOR



WATER VAPOR DETECTOR 128; CONSISTS OF VALVING ASSY. WITH 2 1/2" 3000 LB. PER. SQ. IN. GAUGE CONNECTED TO A BRASS BLOCK WITH 3 VALVES COPPER TUBING CONNECTS TO SATURATOR BOTTLE AND ANOTHER BLOCK WITH VALVE WHICH ONE OUTLET CONNECTS TO A ELECTRIC AMPLIFIER THRU DETECTOR ELECTRODE AND THE OTHER OUTLET TO A GAS PRESURE REGULATOR. THE ELECTRIC AMPLIFIER IS HOUSED IN METAL CASE WITH 3" METER 50 MICRO-AMP. WITH TUBES 1/1G6GT & 1/1G4GT IN A OSCILLATOR CIRCUIT, BALANCED BRIDGE TYPE, ANY ELECTRIC UNBALANCE IS INDICATED ON THE METER, ADJUSTING CONTROLS ON PANEL, REQUIRES 67 1/2 & 1.5 VOLTS D.C FOR OPERATION. GAS PRESSURE REGULATORS ARE STD. WITH 2" METERS. EQUIPMENT IS USED TO DETERMINE THE AMT OF WATER VAPOR IN THE GAS TO BE TESTED WITH A REF. GAS AS THE STANDARD. CARRING CASE 14x16x10 1/2; WT: 60 PRICE: USED \$14.95

RELAY TEST SET

USED \$16.95
RE-COND. 21.95

1-193 RELAY TEST SET: USED FOR TESTING 255, 255A, D-163119A, D-164 816A POLAR RELAYS ETC. FOR BIAS AND SENSITIVITY. THE ELECTRICAL CHARACTERISTICS ARE DETERMINED BY THE DEFLECTIONS OF THE METER. ALSO CONTAINS CIRCUIT FOR SENDING PULSES FOR TESTING EXTERNAL TELEGRAPH CIRCUITS AND A 10-20 CYCLE OSCILLATOR FOR TESTING AND LINE-UP PURPOSES. OPERATES FROM 115/130 VDC 10 WATTS. (RA-87 RECTIFIER SHOWN ON PAGE 8 OF THIS CATALOG WILL OPERATE THIS EQUIPMENT) SHIPPED IN WOOD CHEST 24X12X13; WT: 75 LBS.



A.F.C. UNIT



AUTOMATIC FREQ. CONTROL UNIT No. 600671; USED WITH FIRE CONTROL SYSTEM WITH 16 TUBES 2/5829 1/1, 5703, 2/5702 & 1/5784, DPDT SIGMA RELAY THAT WILL OPERATE FROM 14 VDC @ 2.8 MA, SLUG TUNED COILS, RESISTORS, COND. ETC. (SORRY DO NOT KNOW FREQ. NO SCHEMATIC) SIZE: 4x8x6; WT: 5 LBS. PRICE USED \$3.95

OSCILLOSCOPE

TS-34/AP OSCILLOSCOPE; 2" DIA. SCREEN, START-STOP SAW TOOTH SWEEP INCL DEFLECTION SENSITIVITY 0.22 MM PER V. DC VERTICAL, 0.26 MM HORIZ. FREQ. RANGE START STOP DURA. 4 1/2-8, 20, 50, 120-280 U SEC. SAWTOOTH -280 U SEC. SAWTOOTH FREQ. FREQ. 50,000 IN STEPS TO 10 CPS. OPERATING POWER 115 V 50-1200 CYC. SIZE: 9 1/2x29x12 1/2; WT: 40 LBS. USED \$39.50



VERNIER TIMER



VERNIER SET ATC TIMER WITH 15 MINUTE TIMING PERIOD. SYNCHRONOUS MOTOR OPERATES FROM 230 V 60 CYC AND HAS SPDT CONTACTS FOR CONTROL OF INDUSTRIAL EQUIPMENT. SIZE: 6 1/2x5 1/2x3 1/2 WT. 5 LBS. PRICE: \$9.95 NEW

WAVE METER



SCOPE OSCILLATOR

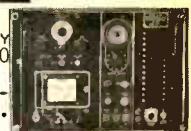
AN/UPN-1 WAVEMETER-OSCILLATOR-SCOPE RADAR TEST UNIT FOR 155-235MC AND 460-570MC CONTAINS PULSE AND SWEEP GENERATORS VIDEO AMP. 3" OSCILLOSCOPE, TWO WAVEMETER TWO OSCILLATORS, POWER REQUIREMENTS: 80, 115, OR 230 VOLTS AC. 60-1000 CYCLES. SIZE: 30x21x24; WT. 150LBS. USED \$49.95
ANTENNA FOR AN/UPN-1 11 LBS. USED \$9.95



SIGNAL GENERATOR

USED \$22.95

BC-1277 SIGNAL GENERATOR; 2400 TO 3400 MC. TUNED CAVITY DIGIT COUNTER DIVISIONS 30/60 MC. 0-50 D.C 3 1/2" MICROAMP. METER FOR MEASURING THE VOLTAGES OF THE VARIOUS CIRCUITS. ATTENUATOR, SYNC. AMP., STD. SIGNAL SHAPE AND CAL. SIGNAL AMPLIFIER CIRCUIT OPERATES FROM 115 V. 50-1200 CYCLE. WITH TUBES 3/VR-150, 4/6AC7, 2/VR-105, 2/6Y6, 2/6SF5, 1/6L7, 1/6L6, 1/707A, 1/6X5 & 1/5T4. USED FOR TESTING RADAR. SIZE IN WOOD CHEST 22x17x17; WT: 100 LB



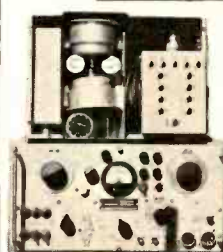
ATTENUATORS

MX-1309/URM-23 POWER MEASURING; KIT OF WAVEGUIDE ATTENUATORS, ADAPTER, BALOMETER, CABLE & CHART, 1000 TO 4000 MC.

ATTENUATOR CN-110/U 10 DB
" CN-111/U 20 DB (2pc)
" CN-168/U 3 DB
" CN-169/U 6 DB
RF BALOMETER DT-76/U, "N" CON
ADAPTER CONN. UG-402/U
COAXIAL CABLE CG-92B/U, W/UG-21 EA. END.
METAL CARRING CASE, FITTED, SIZE 19x5x14;
WT: 32 LBS. COMPLETE SET \$14.95



PULSE GENERATOR



AN/UPM-19 RADAR TEST SET CONSISTS OF SG-76 PULSE GENERATOR THAT COVERS THE FREQ. OF 2650-2950 MC. VARIABLE FREQ. AND R.F. OSCILLATOR CONTROLS BCN CONN. REQ. FOR R.F. IN, R.F. OUT, VIDEO PULSE AND SYNC. OUT JACKS. 2 1/2" R.F. CAL. POWER METER 25 TUBES, OPERATES FROM 24 VDC VIBRATOR POWER PACK. ABOVE IS CONTAINED IN CASE # 1 OF 2. CASE

2 OF 2 CONTAINS, 2 ANTENNAS, CONTROL BOX, LITE INDICATOR BOX, PLUGS AND CABLES. ALUMINUM CARRING CASE SIZES 16 1/2x8x14 AND 14x10x10; SHPG. WT: 80 LBS. PRICE: USED \$29.95

CALIBRATOR



TS-102B/AP CALIBRATOR: RANGE CALIBRATOR PORTABLE PULSE GENERATOR WITH REPETITION FREQ. OF 400, 800, 1600, 2000 & 4000, MARKER AND SYNCHRONIZING PULSE, VARIABLE DELAY LINE PHASE ADJUSTMENT. OPERATES FROM 115 V. 50-1000 CYCLE WITH TUBES 2/6X4W 3/6AG7 6/5814. 2/UG273/U CONN. 4/CABLES W/UG-88R/U

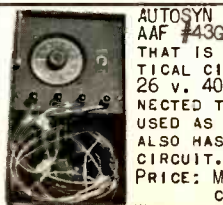
SIZE: 16x10x11; WT: 28 LBS. UNUSED \$18.95



TS-164 FREQUENCY METER CASE EMPTY CASE USED TO HOUSE FREQ METER BC-221, CAN ALSO BE USE FOR SIMILAR TYPES, HINGED FRONT COVER FOR CALIBRATION BOOK, FRONT COMPARTMENT SIZE 9 1/2x7 1/2x7 1/2, REAR COMPARTMENT HAS 2 BALLAST TUBES AND VOLTAGE REGULATOR TUBE VR-105, REAR COMPARTMENT IS 2" DEEP ALSO RELAY AND SHOCK-MOUNTING. SHPG. WT: 19 LB. NEW \$3.95



JB-70 JUNCTION BOX; USED WITH BC-610 TRANSMITTER. FRONT PANEL HAS SWITCHES AND CONTROLS FOR REMOTE USE OF TRANS. HAS AC OUTLETS BOTTOM & SIDE, 4 HEADSET & 2 KEY JACKS, MIC PLUG, 2 WAFER, 4 TOGGLE, LEVER & START/STOP SWITCHES, CIRCUIT BREAKER, CABLES ETC. SIZE 19x13x5 1/2; WT: 40 LBS PRICE: USED \$9.95



AUTOSYN INSTRUMENT FIELD TESTER; AAF #43G18624 IS A SIMPLE TESTER THAT IS DESIGNED TO TEST THE ELECTRIC CIRCUITS OF ALL MINIATURE 26 V. 400 CYC. AUTOSYNS. WHEN CONNECTED TO THE SUPPLY IT CAN BE USED AS A TRANSMITTER OR INDICATOR ALSO HAS ELECTRICAL ZERO TESTING CIRCUIT. SIZE: 6x10x5; WT: 8 LBS. PRICE: METAL CASE HINGED COVER & CABLES. USED. \$8.95
WOOD CASE NO COVER/CABLES 3.95



BC-221 FREQ. METER

THIS IS A SIMPLE ACCURATE AND RELIABLE CRYSTAL CALIBRATED FREQUENCY INDICATING INSTRUMENT FOR USE IN THE 125 TO 20,000 KC. RANGE, WITH A NORMAL OPERATING ACCURACY OF LESS THAN .02%. CAN ALSO BE USED AS A SIGNAL GENERATOR OR VARIABLE FREQ. OSCILLATOR.

OPERATING VOLTAGE REQUIRED FOR DRY CELL OPERATION 6 VDC .9 AMP. & 135 VDC 20 MA.
SIZE: 10x13x10; WT: 25 LBS.

UNITS MAY BE IN WOOD OR METAL CASES VARIOUS LETTERS, COMPLETE WITH TUBES, CRYSTAL, ORIGINAL CALIBRATION BOOK.
PRICE: USED CHECKED FOR OPERATION \$79.50

TS-175 FREQ. METER 85-1000 MC

SAME AS BC-221 BUT WITH DIFFERENT FREQUENCY AND WITH MODULATION. USED CHECKED \$125

DUMMY LOAD

AN/URM-13 DUMMY LOAD FOR TRANSMITTER IN THE 100-400 MC RANGE 5 TO 20 WATTS.
DA-38/URM-13 DUMMY LOAD WITH UG-21 COAX. CONN. AND FOUR MAZADA 1476 LAMPS, FOUR EXTRA LAMPS AND 1 UG-83 ADAPTER THAT ADAPTS UG-21 TO PL-259, IN METAL BOX 2x4x2; 1 LB.
PRICE: USED \$2.95



CRYSTAL TESTER

TS-268/U CRYSTAL RECTIFIER TEST SET: STANDARD OF TESTING DIODE CRYSTAL RECTIFIERS, CONTAINS 3" METER, 1 MA. FULL SCALE MOVEMENT WITH 0-1 DC MA AND 10 TO 1.0 KILOHMS, ALSO

5 POS. SELECTOR SW. ADJ. CONT. & PUSH SW. OPERATES FROM DRY CELL STANDARD BATTERY. USED TO CHECK IN-21 & IN-23 CRYSTALS ETC.
SIZE: 4x7x4; WT: 5LBS. PRICE: USED \$5.95



1-208 SIGNAL GENERATOR F.M. STANDARD OF VOLTAGE FREQUENCY AND FREQUENCY DEVIATION FOR TESTS OF ALIGNMENT, CALIBRATION, SENSITIVITY MEASUREMENTS OF FM RECEIVERS. RANGE 1.9-4.5 MC & 19-45 MC.

FREQ. DEVIATION ADJUSTABLE 0-5KC FOR LOW AND 0-50 KC. FOR HIGH BAND. MODULATION FREQ. 150-400, 1000, 2500 & 5000 CPS. ACCURACY & STABILITY .03 PERCENT, OUTPUT METER AND SPEAKER. OPERATES FROM 115 V. 60 CYC. USED SERVICABLE
SIZE: 18x11x10; WT: 125 LBS. \$39.50



WIRE RECORDER

IC/VRW-7

WIRE RECORDER 3" REEL 0.006 DIA. WIRE. ONE INPUT CHANNEL, 600 OHM IMPERANCE, 290 RPM RECORDING SPEED. FREQUENCY RESPONSE 300-3500 CPS. OPERATES FROM 28 VDC. COMPLETE WITH TUBES 2/28D7, MX 303A/ANG-1 WITH WIRE FOR 60 MINUTES. FRONT CONTROLS FOR VOLUME INPUTS FOR MIKE AND RECEIVER, CUTUPS FOR TWO HEADPHONES, AND AN ON/OFF SWITCH.
(THIS IS A RECORDER ONLY)
SIZE: 12x7x6; WT. 16 LBS.
PRICE: \$9.95 USED

MIRROR-MATIC

AUTOMOBILE REAR VIEW MIRROR: AUTOMATICALLY CHANGES ANGLE OF MIRROR WHEN HEADLIGHTS OF CAR IN THE REAR STRIKES MIRROR. OPERATES 12 VOLTS 0-C WITH PHOTO-CELL, 1/12K5 TUBE, SPST RELAY, RELAY THAT FLIPS MIRROR AND SENSITIVITY CONTROLS. CAN ALSO BE OPERATED BY A FLASHLIGHT OR OTHER LIGHT SOURCE.
SIZE: 10x2x1; WT: 3LBS. PRICE:.. \$3.95

GE FM TRANSCEIVER



GENERAL ELECTRIC FM TRANSCEIVERS 148-174 MC. COMPLETE WITH TUBES: 2/12AT7; 2/6AK5; 6/6BH6; 6AQ5; 2/12AX7; 6AL5; 6C4 6AQ7; 3/6BJ6; 5763; 2E26. NO ACCESSORIES AVAILABLE.
ES12A1 12VDC \$69.50

SAME AS ABOVE EXCEPT COMPLETE WITH TUBES. 6/6BH6; 6AL5; 12AX7; 2/12AT7; 5763; 12AU7; 6AQ7; 6AQ5; 6AK5; 2E26; 4/6BJ6. NO ACCESSORIES AVAILABLE.
SH. WT. 40 LBS. ES12A2 6VDC \$55.00

GENERAL ELECTRIC TRANS. 40-50 MC F.M., CRYSTAL CONTROLLED, MOBILE USE)

TRANSMITTERS 7

TUBES 30 WATT. SETS ARE USED GOOD COND. AND SET FOR 6 VDC OPERATION.
SIZE: 9x9x14; WT: 30 LBS.

GE#4ET64D TRANSMITTER 40-50 MC 14.95

COMCO #275-C RECEIVER-TRANSMITTER 152 - 172MC F.M 2-3 WATTS, 6 VOLT USED \$35.00

RCA FLEETONE CMV4E RECEIVER-TRANSMITTER 6V 152 TO 172 MC, 30 WATT TRANS. USED \$40.00

MOTOROLA TRANSMITTER-RECEIVER 152 TO 172 MC 6 VOLT, 7 WATT. ONE PC. UNIT, USED \$35.00

BENDIX TRANSMITTER-RECEIVER 152 TO 172 MC SHOULDER TYPE PORTABLE MODEL MRT-2B OPERATES FORM 6 VDC, SELF CONTAINED WET CELL BATTERY OR EXTERNAL, 2 WATT W/MIC & HEADSET U \$45.00

TELETYPE TESTER



TS-2/TG TELETYPE SIGNAL DISTORTION TEST SET CAPABLE OF SENDING NORMAL OR DISTORTED SIGNALS FOR TESTING MARGINS OF START/STOP MECHANISMS AND TESTING EFFICIENCY OF THE SELECTOR UNITS.
SIZE 18x13x14; WT: 90 LBS. USED \$49.50

MAGNETRON TUBES

2J41 FOR APPROX. 9310 MC. 1KW USED WITH APN-11, MAGNET 5x4 x1, VAR. CONTROL. WT: 12LB \$4.95

2J33 2750 MC ± 25 250 KW 4.95

2J26 3007 MC ± 15 300 KW 4.95

2J51 8500-9600 TUNEABLE 100 KW 9.95

728FY 915 MC. 65 KW 4.95

725A 9375 MC. 56 KW 9.95



RADAR TEST SET

1-242 RADAR TEST SET DESIGNED TO FURNISH A COMPARATIVE INDICATION OF TRANSMITTER OUTPUT AND MEASURE PULSE RECURRENCE RATE. CONSISTS OF DUMMY LOAD WITH 3" METER 0-50 MA WITH 0-100 SCALE. UNUSED
SIZE 8x10x11; 14 LBS \$8.95



RECEIVER

ARN-5D GLIDE PATH RECEIVERS USED IN AIRCRAFT TO RECEIVE A MODULATED SIGNAL 90 & 150 CYC. ON 332.6, 333.8 MC. OPERATES FROM 24 VDC. COMPLETE WITH TUBES 7/6AJ5, 2/12SN7, 1/28D7. SIZE: 5x6x11; WT. 12 LBS. CRYSTALS NOT INCLUDED
PRICE: USED, R-89/ARN-5 \$5.95
R-268/ARN-5 \$6.95
R-430/ARN-5 \$5.95



AMPLIFIER



AW-142/AIC MIXER AMP. USED IN LARGE AIRCRAFT INTERCOMMUNICATION SYS AS AN AUDIO LINE BOOSTER AND MIXER. INPUT IMPEDANCE 500 OHM, OUTPUT 600 OHM. OPERATES FROM 24 V.D.C. AND IS COMPLETE WITH ONE 26A7 TUBE AND SCHEMATIC.
SIZE: 5x5x2; WT: 2 1/2 LBS. USED \$1.50

REC. 30-40 CONVERSION

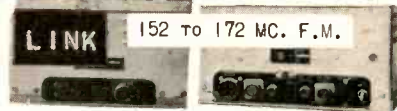


MOTOROLA RECEIVER 70-80MC (30-40 MC. CONVERSION WILL BE SUPPLIED UPON REQUEST, F.M. 6 VOLT VIBRATOR POWER SUPPLY, 16 TUBES 10/7C7 1/7C5, 2/7AG7 & 2/7A6, 7F7 SINGLE CHANNEL CRYSTAL CONTROL, SQUELCH ETC. USED
FMRW16V SIZE 15x9x9; WT: 30 LBS.
PRICE: W/TUBES, LESS CRYSTALS & COVER \$22.95
" " " WITH " 27.95

MOTOROLA TRANSMITTER FMT-25V 30-40 MC, F.M. CRYSTAL CONTROL SINGLE CHANNEL, 25 WATT, 6V TUBES, 3/7C7, 2/7A8, 1/6V6, 1/RK391807. 15x9x9 30 LBS. USED W/COVER \$14.95; LESS COVER 9.95

PHILCO TRANSMITTERS PRT150GT 154-172 MC. FM. 30 WATT, 6 VOLT DYNAMOTOR P.S. CRYSTAL CONTROL SINGLE CHANNEL TUBES, 2/3A4, 1/9003, 1/6BJ6, 2/2E24, 1/6C4, & 1/2E30. USED COND SIZE: 15x10x8; WT: 35 LBS.
PRICE: W/TUBES, L/CRYST. \$14.95

PHILCO RECEIVER PRT72G 70-80 MC. F.M. 6 VOLT VIBRATOR POWER SUPPLY, CRYSTAL CONTROL SQUELCH CIRCUIT, WITH TUBES 3/6BJ6, 3/6AK5, 2/6AQ6, 1/6C4, 1/7F7 & 1/7A8. USED LESS CRYST. SIZE: 15x10x8; WT: 30 LBS. \$14.95



COMMERCIAL TYPE MOBILE COMMUNICATION RADIO SET MFG. BY LINK. TRANSMITTER #1906 50 WATT USING 2/2E26 TUBES DRIVING 829 IN THE FINAL ALSO 1/7AG7, 1/7F7 & 1/7W7 TUBES. WITH 6 VOLT DYNAMOTOR POWER SUPPLY. RECEIVER #1905 SELECTIVE DOUBLE CONVERSION WITH SQUELCH CIRCUIT & 2/7A6, 7/7AG7, 1/7F7, 1/7B5 & 2/6AK5 WITH 6 VOLT VIBRATOR POWER SUPPLY. BOTH UNITS ARE CRYSTAL CONTROL PHASE MODULATED 15 KC.
RECEIVER ONLY #1905 USED WITH TUBES \$39.50
TRANSMITTER ONLY #1906 " " " 14.95
CABLES (REC. 2 REQ.) (TRANS. 3 REQ.) EACH 2.75
NO CONTROL BOXES OR MICROPHONES AVAILABLE.

R-316/ARR-26 RECEIVER 162.25 - 173.5 MC. FM NO COVER SUPPLIED
DESIGNED TO RECEIVE SONOBOUY SIGNALS ON 16 PRE-SET CHANNELS. WITH TUBES 1/6J6, 2/6AL5, 1/6AS7, 1/6AUG, 1/12AU7, 1/12AV7 & 7/6AK5. NO POWER SUPPLY, REQUIRES 280 VDC @ APPROX. 125 MA. AND FILAMENT VOLTAGES. OUTPUT OF THE SET USES A 12AU7 IN A CATHODE FOLLOWER CIRCUIT WHICH IS SUFFICIENT FOR HEAD SET. (SCHEMATIC AND CONVERSION INFORMATION FOR 145-175 MC SUPPLIED WILL INCLUDE ADDITION OF AUDIO, SQUELCH AND 115 VOLT 60 CYCLE POWER SUPPLY CIRCUITS.)
SIZE 5x8x17; WT: 13 LBS. PRICE: USED \$22.95

R-74/CRW-2 RECEIVER



HIGH FREQUENCY FOR REMOTE CONTROL USE IN THE 53-80MC BAND ON PRESELECTED CHANNEL SINGLE FIXED FREQ. COMPLETE WITH TUBES; 1/6SG7; 1/6J5; 3/6SL7; 1/6SN7 & 24 VOLT DYNAMOTOR
SIZE: 6x8x10 WT: 13 LBS.
PRICE: RE-NEW \$4.95

GIBSON GIRL



GIBSON GIRL TRANSMITTER ASSEMBLY 500 KC. SINGLE CHANNEL, CONSISTS OF TRANSMITTER SECTION OF THE SCR-578/BC-778 EQUIPMENT, USES 1/12SC7 & 1/12A6 TUBES. W/ GOLD PLATED VARIABLE CONDENSER 20 TO 245 MMFD. COILS, COND, RESISTOR TRANSF. SOCKETS ETC. REQUIRES 24 VOLT FOR FILAMENTS (CAN BE REWIRED FOR 12) AND 300 VDC 25 MA. FOR HIGH VOLTAGE. SCHEMATIC SUPPLIED. (CRANK GENERATOR AND GEAR TRAIN LISTED PAGE 8)
SIZE: 6x7x3; WT: 3 LBS. NO TUBES, PRICE \$2.95

S.O.S CODER WHEEL WITH GEAR TRAIN, SWITCHING ASSY. RELAY, PILOT LIGHT ASSYS. ETC. FOR ABOVE TRANSMITTER. PRICE: \$1.00

STEPPING SWITCHES

WESTERN UNION AUTOMATIC NUMBERS CONSISTS OF 3 ROWS OF LIGHTS NUMBERED 0-9, 3 STEPPING SWITCHES 6 DECK 11 POSITION, ONE 10 DECK 24 POSITION STEPPING SWITCH, ONE RELAY 4PDT & 4PST, OPERATES 40-48 VDC, MOUNTED ON CHASSIS 4x7x13 $\frac{1}{2}$; WT: 12 LBS. #9701.1A
PRICE: USED \$29.95



STOCK#	POS.	DECK	VDC	PRICE:
7709181P2	25	10	24	\$9.95
7709181P6	25	9	24	8.95
7709181P1	26	9	24	9.50
CONTINENTAL CONNECTORS 75-20H-1				
ONP2 & P6, 34-20H/P2, 21-20H/P1				
217139	25	5	24	\$5.95
917723	24	6	30/36	4.95
917722	24	8	30/36	5.95
916909	24	10	30/36	6.95
916972	12	2	32/36	1.95
NO CONNECTORS 917958	11	3	32/36	2.95
ON OTHER UNIT 917978	11	6	32/36	3.95

NO CONNECTORS 917958
ON OTHER UNIT 917978

BC-223 TRANSMITTER

\$19.95



BC-223 TRANSMITTER 25 WATT 2000 to 5200kc BY USE OF 3 PLUG IN TUNING UNITS, CRYSTAL CONTROL AND VARIABLE OSCILLATOR, FOUR PRESELECTED CHANNELS, USES

FT-171 CRYSTAL HOLDERS WITH TUBES 1/801 OSCILLATOR, 1/801 POWER AMPLIFIER, 2/46 MODULATORS, 1/46 AUDIO AMPLIFIER, 2" METERS, 0-3 R.F. & 0-300 VDC MA. VOLTAGE REQUIRED 12 OR 24 VDC & 500 VDC @ 150-200 MA.
SIZE: 18x13x7; WT: WITH 3 TUNING UNITS 100 LBS
PRICE: W/TUBES AND 3 TUNING UNITS WITH CASES FOR 2 TUNING UNITS.. NEW \$19.95

TU-17 TUNING UNIT 2000-3000 Kc. \$3.95
TU-18 " " 3000-4500 " 2.95
TU-25 " " 4500-5200 " 2.95
CS-56 CASE FOR HOUSING TUNING UNIT 1.00
FT-173 SHOCKMOUNTING 1.95
POWER PLUG CONNECTOR F/TUNING OR POWER 1.25
PE-135/PE-55 DYNAMOTOR 12/24 VOLT, USED 10.95
AC POWER SUPPLY
KIT OF PARTS \$25.00 WIRED \$29.95

COMCO MODEL 278 TRANSMITTER-RECEIVER 225-400 MC RECEIVER-TRANSMITTER FOR 6/12/24 VOLT OPERATION. POWER OUTPUT 2-3 WATTS. UNIT IS CRYSTAL CONTROLLED (CRYSTALS NOT INCLUDED). COMPLETE WITH TUBES: 2E26, 5686, 5/6BH6, 12AX7, 2/6AQ5, 6AT6, 3/6BJ6, 6BE6, 2/6AK5, 6AK6. UNIT COMPLETE WITH TUBES, CABLES, SPEAKER, AND CONTROL BOX. SIZE: 12x11x5 $\frac{1}{2}$. WT: 35 LBS. USED \$49.95



DIVERSITY RECEIVER

DIVERSITY RECEIVING EQUIPMENT PROVIDES A MEANS FOR COMBINING THE OUTPUT OF THREE RECEIVERS TO PRODUCE A SINGLE KEYED AUDIO OUTPUT SIGNAL, FREE FROM NOISE AND OTHER UNDESIRABLE INTERFERENCE. IT IS SUITABLE FOR USE ONLY IN CW & MCW SIGNALS AND NOT VOICE. THE BAND PASS FILTER IS FOR 600 TO 1200 CYC. AND THE OUTPUT OF EACH RECEIVER IS INDICATED ON THE METERS WHICH ARE 500 MICROAMP. THE AUDIO FREQ. CONTROL CAN BE ADJUSTED FOR THE PROPER BAND PASS. INPUT AND OUTPUT IMPEDANCE IS 600 OHMS. EQUIPMENT OPERATES FROM 115/230 VOLT 50/60 CYC. AND CAN BE RACK MOUNTED.

W/TUBES 1/VR-150, 1/6F8, 3/6A6, 2/6SJ7, 1/77, 1/1V, 1/80. SIZE: 21x19x14; WT: 125 LBS.
PRICE: NEW WITH MANUAL \$19.95



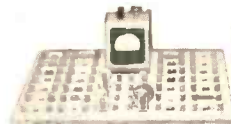
SERVO AMPLIFIER DUAL PRINTED CIRCUIT ASSY. TUBES 4/5840, 1/5814, 1/5784, 1/5896, 9 VICTOREEN RESISTORS APPROX. 25 OTHER RESISTORS, CONDENSERS ETC.
SIZE: 5x3x3; WT: 2 LB. USED \$1.50

EXPERIMENTER'S

POWER SUPPLY

BOARD

EXPERIMENTAL POWER SUPPLY BOARD. USED IN SCHOOLS FOR DEMONSTRATIONS OR LAB. USE. 2/ 8 MFD CAPACITORS, RESISTORS, TUBE SOCKETS, CHOKE, AND TRANSFORMER, PRI: 115V 50-60 CYC SEC: 700VCT @ 200 MA. 5V @ 3 AMP, 6.3V @ 8AMP HUMB-SCREW TYPE TERMINALS. 12x18 16 LBS. \$9.95



METER BOARD

EXPERIMENTAL METER BOARD. UTILIZES 0-1 MA METER IN METAL CASE, 28 RESISTORS, AND THREE POTENTIOMETERS. THUMB-SCREW TYPE TERMINALS SIZE: 12x18 WT. 9 LBS. \$9.95

AIRSPPEED INDICATOR

ID-168B/APA-44 AIRSPEED INDICATOR. CONTAINS A KOLLSMAN TRUE AIRSPEED METER AND AN INDICATING DEVICE WITH A RANGE OF 84 TO 434 KNOTS. BY OPERATION OF THE TEST SWITCH THE AIRSPEED SERVO MAY BE MADE TO RUN IN DIRECTION OF INCREASING AIRSPEED, IN DIRECTION OF TRUE AIRSPEED, OR TO HOLD THE PRESENT SETTING FLEXIBLE TUBE CONNECTED TO A TEMPERATURE COMPENSATING THERMOMETER. JOHN OSTER MOTOR # AV 240 28 VDC. TUBES 1/6AK5W. WESTERN ELECTRIC RELAY D171584. SIZE 15x7x5. WT. 19 LBS. USED \$8.95 NEW \$12.95



RT-122/APW-11 REC.-TRANS.

RT-122/APW-11 RECEIVER TRANSMITTER, THIS UNIT CONSISTS OF A TUNABLE RECEIVER CAVITY, A CRYSTAL DETECTOR, A VIDEO AMPLIFIER, DECODING CIRCUITS, A TRANSMITTER AND CIRCUITS FOR OBTAINING AUDIO FREQUENCY TONES FROM THE PULSE POSITION MODULATED SIGNALS OF THE AN/MSQ-1. THE TRANSMITTER CONTAINS CIRCUITS FOR ENCODING THE REPLY BY VARYING THE SPACING BETWEEN THE TWO REPLY PULSES. THE RECEIVER TRANSMITTER RECEIVES INPUT PULSES TRANSMITTED AT A PULSE REPETITION FREQUENCY OF 410 CYCLES PER SECOND AND A PRESET CARRIER FREQUENCY RANGING BETWEEN 2680 AND 2920 MC. THE REPLY PULSES ARE AUTOMATICALLY TRANSMITTED AT A PRESET CARRIER FREQUENCY RANGING BETWEEN 2700 AND 2950 MC. TUBES: 11/12AT7; 2/2D21; 6AS6; 6AL5 2C40. SIZE: 13x5x6. WT. 19 LBS. PRICE: USED WITH TUBES...\$14.95 USED LESS TUBES...\$ 9.95



C-400/APW-11 SELECTOR UNIT FOR RT-122 REC-TRANS. CONTAINS 6 RELAYS 24 VDC SPST NORM OPEN 15 9 PIN SOCKETS, 1 OCTAL, 6 FILTERS, 1 DPDT SW. RESISTORS CONDENSERS ETC. 5x6x12; 8 LBS PRICE: USED LESS TUBES \$2.95



SERVO AMPLIFIER

SERVO AMPLIFIER #358661 IN SEALED BLACK BOX CONTAINING SIX (6) TUBES 2/6AL5, 2/6AQ5, 1/6096, 6101, RELAY DPDT, OUTPUT TRANS. COND. RESISTORS ETC.
SIZE: 5x3x4; WT: 4 LBS. USED \$1.95



AMPLIFIER

WEBSTER ELECTRIC AMPLIFIER SERVO TYPE: OPERATES FROM 115 VOLT 60 CYCLE, WITH TUBE 3/6SN7, 1/6H6, 1/6SN7 & 1/5T4, POWER SUPPLY OUTPUT 250 VDC 80 MA (UNFILTERED) 5 VAC @ 3 A 6.3 VAC @ 3 A., 6.3 VAC @ 4 AMP. ALSO INTER-STAGE TRANSFORMERS, RESISTORS, CONDENSERS, CONTROLS ETC. CHASSIS SIZE 14x6x1 $\frac{1}{2}$; WT: 19 LB PRICE: USED \$4.95



TRANSISTOR BOARDS

THE TRANSISTOR BOARDS LISTED BELOW ARE APPROX. 4x5x $\frac{1}{2}$ AND CONTAIN THE PARTS LISTED. PRICE: EACH, \$1.95

#44485-506-11
3/#6111 G.E. TUBES; 2/2N338 SWITCHING AND HIGH FREQUENCY TRANS.; 21/2 WATT RES.; 3/1 WATT RES.; 6/ GLASS DIODES; CAPACITORS: 3/.1 MFD @ 100 VDC; 2/.06 MFD @ 200 VDC; 3/1.5 MFD.-150 VDC TAN ALUM CAP.



#40085-401-31
2/2N498 4W. SILICON MESA PNP TRANS. 1/2N335 .15W SMALL SIGNAL TRANS. 6/ 1N540 DIODE 2.5A-400PIV; 4/2 WATT RES.; 3/2 WATT 1% RES.; CAPACITOR: 1/5MFD-150 VDC TANTALUM; 1/7 MFD 100VDC TANTALUM; 1/2MFD-100VDC TANTALUM; 1/.1MFD-1000 VDC; 1/.0033MFD 100VDC; 3/.1MFD-100VDC; 1/1000OHM BOURNS TRIMPOT.



#40835-401-11
2/2N498 SILICON MESA PNP-4W; 3/2N335 .15 W SMALL SIGNAL TRANS.; 6/U-292 DIODES; 1/2K BOURNS TRIMPOT; 4/2 WATT RES.; 1/2 WATT 1% RES.; 1/.1MFD-200 VDC CAPACITOR.



#44490-506-11
1/#6021 TUBE; 4/1N251 SILICON SIGNAL DIODE 5MA 1V.; 1/1N643 SILICON DIODE 10MA-200V.; 1/10K BOURNS TRIMPOT; 11/2 WATT RES.; 2/2 WATT RES.; 1/1% RES CAPACITOR: .35MFD-150VDC TANTALUM 1.5MFD-150VDC TANTALUM; .0047MFD -200 VDC; .022MFD-200 VDC; 3/.01-200 VDC; .01-400 VDC; 1 TRANSFORMER



K2401 PLUG-IN PRINTED CIRCUIT BOARD W/BILEY CRYSTAL 436 KC 6 TRANSISTORS, 12 DIODES, 436 KC & 108 KC FILTER, CONDENSERS, RESISTORS, TRANSFORMER SIZE: 9x4x1; 2LB. USED \$2.95
K2419 SIMILAR TO ABOVE UNIT W/ 7 DIODES, 2 TRANSISTOR, 19 RESISTORS, 14 CAPACITORS, 5 SMALL TRANSFORMERS, 2 FILTERS, SOCKETS ETC. SIZE: 9x4x1; 2LBS. \$1.50

TRANSISTOR BOARDS 5/ \$1.00 BOARDS SIMILAR TO THOSE PICTURED. EACH PACKAGE CONTAINS 5 BOARDS WHICH HAVE DIODES TRANSISTORS, CONDENSERS, AND RESISTORS. EACH BOARD 2 5/8 BY 3 7/8. WT. 9 OZ. PRICE: 5/ \$1.00

COMPUTER PRIMARY CONTROL BOX MK-1 CONTAINS 1 AY-232 AUTOSYN, 4 BAND SWITCHES, 4 TOGGLE SW. 6 PILOT LITE 2 SMALL DIRECT LITES, 4 RELAYS 24 V KNOBS, CONN. ETC. SIZE 6-3/4x10x6; WT: 10 LBS. \$3.95

VIGILANTIAL AIR DATA COMPUTER SERVO AMPLIFIERS #SA 118H /P. #107861, 1 TEST ADAPTER, POSITIONERS FOR JUMP ANGLE, TRUE AIR SPEED, DYNAMIC PRESSURE, AIR DENSITY, ANGLE OF ATTACK & MACH. SIZE: 9x5x17; WT: 40 LBS. USED \$18.95

ELAPSED TIME METER

ELAPSED TIME METER 0-9999.99 HOURS. CAN BE USED TO KEEP RECORD OF RUNNING OR OPERATING TIME OF ELECTRICAL, ELECTRONIC EQUIPMENT, INDUSTRIAL MACHINES ETC. RECORDS ELAPSED OPERATING TIME IN HOURS, TENTHS & HUNDRETHS. OPERATES FROM 40 VOLTS 60 CYCLE OR FROM 115 VOLT 60 CYCLE BY USE OF DROPPING RESISTANCE WHICH IS SUPPLIED. NUMBER VIEWER SIZE 1". USED 1BM#74C503D; SIZE: 2x2x3 $\frac{1}{2}$; 2 LB. \$2.95



ELECTRIC IMPULSE COUNTER 24 VAC 0-9999 WITH HAND RESET. WILL OPERATE FROM 12 OR 24 VOLTS 60 CYCLE. EACH CURRENT IMPULSE WILL RECORD ONE NUMBER, INCREASING. SIZE: 2x1x2 $\frac{1}{2}$; WT: 1LB. MERCURY #B32 MERCURY#B-32 PRICE: USED \$2.95



RELAY

RELAY 24 vdc SPDT
1x1x1
#CWS 571981 \$1.35

TELEPHONE TYPE

RELAY 4PST NORMALLY OFF 12
VDC GR204-BC-966A 1x1x3x3
3380-557180-7435 \$1.00

RELAY 12 VDC MAKE 2, BREAK 1
2 SEPARATE WINDINGS. 3x1x1
4C8691-128 \$.75

RELAY 12 VDC, 2 BREAK, 2 MAK
3x1x1 #4C8691-67 \$1.00

RELAY 200 VDC 135 MA, ONE
COIL 1100 OHM, OTHER 1200
OHM, CONTACTS 2PDT, 6PST-NO
IPST-NC#5945-259-4275 \$1.

RELAY 150 VDC 150 MA. 1000
OHM COIL, CONTACTS 6PDT &
4PST-NO POTTER & BRUMFIELD
82-92-1005 BS-2202 \$1.00

RELAY CONT ARRANGEMENT 2E/ E
IC. 115 VAC 60 CYC FAST ACT
BREAK 7- MAKE 4. 4x2x1
277593-41 \$1.50

POTTER & BRUMFIELD
PLUG-IN TYPE RELAYS
PULL-OUTS GUARANTEED

24 VDC 3PDT \$.65
#82-70-5134/82-70-
5574/82-70-5640/82-
00-25134/82-0025125

24 VDC 2PDT 82-00-25129 50¢
24 VAC 3PDT KRP14A \$.75
24 VAC 3PDT 82-57-1229 .75

24 VAC 2PDT 82-70-B513 .50
115 " 2PDT KRP11A \$1.00
12 VAC 2PST 82-70-B5130.50
12 VAC 2PDT/ISPST-NC/.60
ISPST-NO #82-70-5136

SEALD RELAY TWO COILS
EACH WITH DPDT. COILS
NOT OPERABLE SIMULTAN
EOUSLY. ONE COIL IS
CONTROLLED BY THE CON
TACTS OF THE OTHER. OPERATE
FROM 12 VDC. 2x2x1
57175 \$1.00

RELAY 12 VDC, 67 OHMS DPDT
NORMALLY OPEN. REMOVED FROM
EQUIPMENT. 2x3x1
SW-182-F \$.50

RELAY 6V D 1x1x1
41F 500S-SIL \$.50

PLATE RELAY 10.00 OHMS.
CONTACTS 115 VAC @ 5 AMPS
1x1x1 #R3P-3189 \$1.50

INTERVAL TIMER ASSEMBLY
RELAY TIME DELAY
5 MIN. RESET
DELAY 100 SEC.
MOTOR VOLTAGE
120V 400 CPS
CLUTCH VOLTAGE 28 VDC.
ALLIED CONTROL UNIT; 115V
400 CPS, CONT. 2A-29VDC
AND 24V 4PDT RELAY. 5LBS.
#SS 19180 \$2.95

CRAMER
TIME DELAY RELAY
METER INDICATOR
TYPE, SHOWS IF
UNIT IS ON OR OFF.
SIZE 3x3x3

#59C48746 2 SEC. \$4.95
#59K48748 20 " 4.95
#59K48747 2 MIN. 4.95
#59K48874 SAME AS ABOVE
ONLY 3 1/2" RD. 3 MIN. \$4.95

SILICON

RECTIFIER

POWER TESTED AT
1 MA MAX. LEAKAGE

1 AMP (TOP HAT)

50-200 PIV	\$.10
200-400 "	.15
400-600 "	.25
600-800 "	.35
800- "	.45
1000 "	.55

5 AMP (STUD)

200-400 PIV	.50
400-600 "	.60
700 "	.70
800 "	.85
1000 "	1.75

INI347 6 AMP. 500
PVI (GOLD) 1.50

35 AMP (STUD)

50 V	\$.75
100 V	1.00
200 V	1.50
300 V	2.00
400 V	2.25
500 V	2.50
600 V	3.00
900 V	4.00

STRATOPACX FOUR
SECTION RELAY
SECT.#1 4PDT
" 2 4PDT
" 3 4PDT
" 4 6PDT
24 VOLT D.C
3x4x7; 5LB \$1.95

RHEOSTAT

OTHER VALUES
IN STOCK
WRITE FOR
YOUR NEEDS

STK #	WATTS	OHMS	PRICE
1050-PL	25	.25	\$.50
30993*	25	.50	.50
750KK	25	.75	.50
13990"	25	1.00	.50
201KK	25	2.00	.50
299DC*	25	2.00	.50
25250	25	2.50	.50
50853-1*	25	2.50	.50
1399C-L29"	25	1000	.50
152KK*	25	1500	.50
642-4609	25	5	.50
41132	50	7.5	.75
353-5049	50	8	.75
15822	50	17	.75
5895	50	20 (DUAL)	1.00
666-1731	50	34	.75
075-365-9	50	50	.85
32229	50	60	.85
581-0066	50	100	1.00
(w/micro. sw-nc-no)			1.00
8852-L20	50	600	.75
193-3450	50	2500	.75
201FK150	100	15	1.50
316-0796	100	360	1.50
2R0KK	100	2	1.50
3R0KK	100	3	1.50
6416	100	6	1.50
695692-1	100	10	1.50
120KK	100	12	1.50
2459J	100	1100	1.50
549-5683	150	750	2.95
1025	150	.25	2.95
1050	150	.50	2.95
697242-3	150	25	2.95
154	150	25	2.95
665-6938	150	3	2.95
563501	150	125	2.95
351KK	150	350	2.95
235944	150	400	2.95

PLEASE LIST SECOND CHOICE
* RHEOSTAT IN DUST-PROOF CAN
" SCREW DRIVER ADJUSTMENT.

RECTIFIERS

150 VOLTS 40 AMPS
WITH RADIATORS
SIZE: 2 X 1
#N5089-C \$5.95

COPPER OXIDE RECTIFIER
INPUT 36 VAC 50/60 CYCLE;
OUTPUT, 12.6 VDC 5 AMPS.
SIZE: 2x2x10, WT:
3TK#3H4845 P/O RA-62/522
PRICE: \$7.95

SELENIUM RECTIFIER; INPUT
54 VAC OUTPUT 27.5 VDC AT
50 AMPS. HALF WAVE.
SIZE: 18x5x6. WT: 10 LBS.
TK#3H4860-435 \$12.95

SELENIUM RECTIFIER; FULL
WAVE BRIDGE, RESISTIVE IND.
18V. IN 14V. OUT 2 A. \$2.10
18V. IN 14V. OUT 4 A. 3.60
-NEW MANUFACTURE-

SELENIUM RECTIFIER; FULL
WAVE BRIDGE, RESISTIVE IND.
36V. IN 28V. OUT 2 A. \$3.00
36V. IN 28V. OUT 4 A. 7.50
-NEW MANUFACTURE-

SELENIUM RECTIFIER; INPUT
28 VAC 60 CYCLE; OUTPUT 24
VDC 1.5 AMP., ROUND TYPE
SIZE: 4x3 WT: 12 OZ. #RM313
PRICE: \$2.95

SELENIUM RECTIFIER; INPUT
33 VAC 60 CYCLE, OUTPUT 24
VDC AMP. SIZE: 1x3
STK#3H4859-12 F/TRC-1
PRICE: \$7.95

KEY AND PLUG PL-55
KEY OF STEEL CONST
WITH BRASS
CONTACTS.
MANUF. BY
WESTLOX. 48" CORD WITH
PL-55. ZA/CAN 2320 \$1.95

CIRCUIT BREAKER

115 VOLT 60 CYC
3H900-1.5.1 1 AMP \$1.50
3H900-1.25 1 1/2 " 1.00
62349M6 3 POLE 1 1/2 " 2.50
3H900-3-2 3 " 1.00
3H900-4.7 4.7 " 1.50
P-0111 12 " 1.50

24-30 VOLTS
3H913-5 5 AMPS \$.50
3751K4 10 " .50
AN1513F35 35 " .75
AN 3160-50L* 50 " .75

* LUMINOUS TIP
AIRCRAFT TYPE CIRCUIT BREAKER
5 AMP AN 3161-P5 \$.50
10 " AN 3161-P10 .75
15 " AN 3161-P15 .75

METAL STAND
W/RUBBER FEET
BASE 8x11x13
LEGS 13x13x16
2" HIGH.
ORIGINALLY USED
AS RECORD HOLDER STAND, CAN
BE USED AS BOOK, FLOWER, TV,
RADIO OR WHATEVER YOU CAN
USE IT FOR. WT: 4LB. 75¢

SWIVEL BASE AS
USED ON THE BOTTO
M OF TV SETS, 5"
SQUARE, HAS 3 TURI
STOP THAT CAN BE
REMOVED FOR 360 DEG. ROTAT
ION. 2LBS. 75¢

RECTIFIER
300 VOLTS 40 AMPS WITH
RADIATORS. SIZE: 2X1 SAME
AS TYPE #N5089-C
STK# 938D \$6.95

APPROACH LIGHT
GRIMES#NAF 1024-2
24 V, SPLIT GREEN &
AMBER LENS & CLEAR
3x3x4 1/2; 1 LB. \$.75

TERMINAL
BOARD
PART OF
BD-96
SWITCH-
BOARD. 10 HEAVY DUTY BLACK
BINDING POSTS, SCREW TYPE &
90 SLOTTED HEAD BRASS BINDI
POSTS ON BOARD 19x5x2x2
WT. 8 LBS. \$1.95

TERMINAL
BOARD
P/O BD-71
SWITCHBOARD. 15 BRASS SCREW
TYPE BINDING POSTS ON INSUL
ATING BOARD 3x16 3 LBS.
\$1.50

AUTOMOTIVE

MOTORAIDE METERS
CIRCUIT
0-1 M.A. MOVE.
0-10 V. SCALE
0-7.5 A. "
0-1K OHM "
SIZE 3x5 1/2
\$3.95

REGULATOR
0-1 M.A. MOVE.
0-60 DCA SCALE
0-10 DCV "
0-20 DCV "
SIZE 3x5 1/2
\$3.95

DWELL TACHOMETER VOLT METER
0-1 M.A. MOVE.
0-50 DEG DWELL
0-5000 R.P.M.
0-15 D.C.V.
SIZE: 3x5 1/2
\$5.95

THIS WILL NOT BE THE ORIGIN
AL SCALE AS SUPPLIED BY THE
MANUFACTURER BUT A MODIFIED
UNIT FROM THE OTHER TYPES.
METER SCALE FACE WITH
INSTRUCTIONS FOR CHANGING
CIRCUIT OR REGULATOR TYPE
METERS TO DWELL TACH METER
PRICE: \$1.00

THESE ARE FOUNDATION METERS
ONLY AND REQUIRE ADDITIONAL
PARTS TO BE USED TO CHECK
GASOLINE ENGINE CIRCUITRY.

MOTORAIDE METER
CASES, EMPTY, FOR
MOUNTING METERS
SHOWN.
PRE-CUT HOLE AS
USED IN ORIGINAL
TEST EQUIPMENT.
5x3x7; WT: 2LB. \$1.50

GENERAL ELECTRIC
EIGHT INCH FAN
AND MOTOR.
COMPLETE ASSEMBLY
INCLUDING
BRACKET. MOTOR
IS 115V 60 CYC
1550 RPM. WT. 5 LBS.
5x8x10 NEW \$2.95

DUAL EXHAUST FANS; FOR
19" RACK MOUNTING, 110
V CAPACITOR TYPE MOTOR
6" BLADES, 3250 RPM
MOTORS MOVE PLENTY AIR
: 12 LBS. USED \$14.95

SINGLE BAND
BEAM BALUN
INPUT 75 OHM
BALANCED. OUT-
PUT 100 OHM BAL-
ANCED. UNIT
FOR 10 METERS ONLY. WEATHE
PROOF. 3x3x4 WT. 5 LBS.
PRICE NEW \$1.25

ANTENNA SWITCHING
UNIT SA-649/USD
CONTINUOUS SWIT-
CHING OF TWO AN-
TENNAS TO A REC-
EIVER AT 600 CPS
USED TO REDUCE
FADING OF SIGNAL
UNIT REQUIRES 26.5VDC. TUBES
INCLUDED 2/6BC4; 2/JG-6111
SIZE: 3x3x5 1/2 WT. 2LBS.
PRICE: \$3.95

ANTENNA RELAY
UNIT RE-2/ARC-5
WITH 2" ANTENNA
CURRENT INDICATOR
2-10. ALSO ANTENNA
SWITCHING RELAY AND
30 MAF VACUUM CAPACITOR
5 AMPS. 5 LBS. 3x4x6
PRICE RECOND. WITH CAP \$4.95

SELENIUM
SHORTING
RELAY 40VDC
HEAVY DUTY
INSULATOR
2"x3", STEEL
SHORTING BAR
4 1/2", 1 1/2" DRAW AT END, 1/2"
AT SEL. SIZE 9x3x7 1/2; 10LB
#5945-201-7829 \$3.95

ARC-12 ANTENNA
CHANGEOVER RELAY
BNC CONNECTORS FOR
EQUIP. UG-23-UG-21
F/ANT. REGULAP & AUX
ANT. CONN. 24 VDC RE
LAY. W/BNC CABLES.
\$2.75
UG-21 ANTENNA CONN. \$.75

WAVEGUIDE SWITCH
AIRTRON #70960, 24-
29.5 VOLT DC, INSU
WAVEGUIDE 7/8x3/8,
1-5/8 FLG. 2/ INPUT
1 OUTPUT.
5x5x5; 5LB. \$9.95

BC-198 ANTENNA 12V
SWITCHING RELAY
FOR RECEIVER TO
TRANS. PUSH BIND
ING POSTS. PL-77
PLUG. 5x5x1 1/2; 1LB. U. \$1.95

ANTENNA CHANGE-
OVER S.P.D.T FOR
COAXIAL CABLE
28 VDC ROTARY
ACTUATOR WAF-
ER, LOW-LOSS
HIGH-POWER.
GENERAL COMM
#2LN180RC-1
NEW \$3.95

SIZE: 4x3x2 1/2; WT: 1LB.
TYPE "LN" CONN. CUT-OFFS 50¢
AN CONN. 7 CONTACT \$1.00

COAXIAL SWITCH S.P.D.T.
FOR COAXIAL CABLE
28 VDC ROTARY
ACTUARY WAFER.
USES TYPE "N"
CONNECTOR.
SA-185/U \$3.95

TYPE "N" CONNECTOR CUT-
OFF \$.50
CONNECTOR 3 CONTACT \$1.00

ANTENNA CHANGE-
OVER RELAY. ANTEN
NA INPUT CONN. TO
UG-21. OUTPUT TO
RECEIVER-TRANS.
2/UG-88. 24 VDC.
#409-1005-00 NEW \$3.95

UTILITY BLOWERS

THE BLOWERS LISTED BELOW ARE STANDARD SHADED POLE TYPE AND ARE QUITE RUNNING WITH NO RADIO INTERFERENCE.

50 & 100 CFM BLOWERS

For Heat Boosters, Dryers, Exhausters, Drafts

You can't buy a better blower for forced drafts for warm air heating systems, heat boosters, exhausters, dryers, etc. Lowest priced, best made blowers of their kind. Single and twin types, 50 and 100 CFM respectively. Sturdy 3" dia. blower wheels are direct-driven by 115V, 60 Cy., quiet running Dayton motors. Steel housings are rubber mounted. 2 1/2" discharge. Outlet velocity is 2030 ft./min. 9" wire leads. Black finish. Shpg. wts. 5 and 6 lbs.

#1C939F \$8.95
No. 1C939F
No. 1C890F

#2C721F \$12.95

340 CFM TWIN BLOWER

For Hot & Cold Air Circulation, Exhaust, Etc.

Blower. Ideal for air circulation, forced draft, and exhausting jobs requiring more air than possible with single blower. Efficient, dependable and quiet. 4 1/2" dia. balanced wheel powered by 1550 RPM, 115V, 60 Cy. motor with 12" leads. Rubber mounted pressed steel housings with 3/4"x3" outlets. Each outlet has 4 1/2" square flange to facilitate mounting. Outlet velocity is 1960 ft./min.; 4 1/2" dia. air intakes. 1 1/4" W x 8 3/8" H x 8 1/2" D. Black baked-on enamel. You'll like this blower's performance and the way it is built. Wt. 12 lbs.

#2C069F \$20.95

for this 275 CFM Dayton TWIN Blower. Ideal for air circulation, forced draft, and exhausting jobs requiring more air than possible with single blower. Efficient, dependable and quiet. 4 1/2" dia. balanced wheel powered by 1550 RPM, 115V, 60 Cy. motor with 12" leads. Rubber mounted pressed steel housings with 3/4"x3" outlets. Each outlet has 4 1/2" square flange to facilitate mounting. Outlet velocity is 1960 ft./min.; 4 1/2" dia. air intakes. 1 1/4" W x 8 3/8" H x 8 1/2" D. Black baked-on enamel. You'll like this blower's performance and the way it is built. Wt. 12 lbs.

15 CFM BLOWER No. 1C782F \$8.75
100 CFM BLOWER No. 1C781F \$10.95

2C781 100 CFM 115 VOLT 60 CYCLE INTAKE 3/4" OULET 2-1/8" FL 4-1/8" SIZE 5-13/16" X 6-3/4" X 6-5/16" SHPG. WT. 5 LBS. PRICE: \$10.95

2C782 15 CFM 115 VOLT 60 CYCLE INTAKE 2-7/8" OULET 1 1/2" FLG 2 1/2" SIZE 3-13/16" X 4" X 3-7/8" SHPG. WT. 2 1/2" LBS. PRICE: \$8.75

108 CFM 'PANCAKE' BLOWER

Compact—Motor is inside Blower Wheel Dayton "pancake" moves 108 CFM where in installation space is limited. Only 4 1/2" wide because motor has been built inside blower wheel. Fits into 4 1/2" x 8 3/8" H x 8 1/2" space. Discharge 3/4" W x 3 1/2" H. Outlet velocity is 1530 ft./min. 4 1/2" dia. squirrel cage blower wheel and air intake. Steel, rubber mounted housing with baked on black enamel finish. 1550 RPM, 115V, 60 Cy. motor with 12" leads. Shpg. wt. 6 lbs.

#2C067F \$12.95

140 CFM UTILITY BLOWER

Delivers blasts of air \$11.95

Com-pact, 140 CFM single-inlet blower. Top performance for forced draft, venting, drying, circulating, etc. and exhaust applications. 5 1/2" x 4" mounting flange with 2 1/2" square discharge. Outlet velocity is 2250 ft./min. 3 1/2" dia. blower wheel direct-driven by 2800 RPM, 1 1/16 HP, 115V, 60 Cy. motor with conduit box and 20" leads. 7 1/2" W x 7 1/4" H (less flange) x 6 3/4" D. Order sample and test best 140 CFM utility blower. Wt. 9 lbs.

#2C610F \$11.95

350 CFM DAYTON BLOWER

4 1/2" Wheel, 1 1/16 HP, 115 V, 60 Cy. Motor \$22.75

Designed for applications that require more air than average shaded pole blower provides. Ideal for many exhausting, heating, cooling, drying, circulating, etc. applications. 350 CFM at 0.0" SP, 3500 ft./min. outlet velocity in free air. 6 1/2" x 2 1/2" W blower wheel direct driven by 1 1/16 HP, 1500 RPM, 1 1/16" dia. blower wheel. 190 F. Cy. rubber F. L. amps, 12" dia. 18 wire lead. Precision steel housing with 2 1/2" x 2 1/2" dia. discharge. 5 1/2" H x 7 1/4" W x 10 1/2" D. Baked black finish. Shpg. wt. 12 lbs.

MINE DETECTOR

SCR-625 Famous ARMY MINE-DETECTOR

USED CHECKED LEASE BATTERIES \$27.95

\$32.95 WITH BATTERIES
BATTERIES ONLY \$5.95

USED TO DETECT HIDDEN METAL OBJECTS IN THE GROUND OR OTHERWISE HIDDEN UP TO 24 INCHES DEEP DEPENDING ON THE SIZE, AND GROUND CONDITIONS. DETECTION IS NOTED BY A TONE SIGNAL THAT IS FED INTO THE HEAD SET OR SPEAKER UNIT THAT ARE SUPPLIED WITH THE SET SHIPPED IN CARRING CASE WITH INSTRUCTIONS, 75 LBS



CRY BUTTONS REFLECTORS, CAN BE USED TO MAKE SIGNS OR MARKERS. SHINE WHEN LIGHT STRIKES 2" DIA. REQUIRES #10 NUT FOR MGT. NC#15-1. CARD OF 100 \$2.00

FLASHER

SUNBEAM #1567
115 VOLT 60 CY
1/2 MINUTE ON 1/2 MINUTE OFF.
2 OUTPUT RECEPTACLES, LINE CORD, SWITCH, MOTOR ETC.
4 1/2" x 4 1/2" x 3; WT: 3 LBS. \$1.75

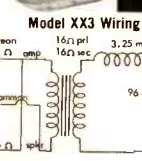
POTENTIOMETER 100 WATT, 100,000 OHM IN 20 STEPS 5000 OHM EACH WITH HEAVY DUTY CONTACTS & INSULATED TERMINALS 7 SHAFT. DAVEN #1373
SIZE: 5 1/2" x 3 1/2", SHAFT 1-3/8 x 3/8. WT: 1 1/2 LBS. STK#227281-3 \$4.95

FTR 711-A

TELEPHONE SIGNAL DROP STRIP AN INCOMING CALL IS INDICATED BY THE FALLING OF A SIGNAL DROP. 6 1/2" x 4 1/2" x 5 LB

POTENTIOMETER PRECISION TYPE, WIRE WOUND, 2 DEC 10,000 OHMS EACH 6 1/2" x 3" SOLDER LUGS EA. SEC. SIZE 3x5 1/2. WT: 1 LB. STK#227284-29 \$7.75

AUDIO FILTER



ELECTRO-VOICE XX3 FILTER IS AN AUDIO FREQUENCY FILTER THROUGH WHICH TWO AUDIO AMP ARE CONNECTED TO TWO SPEAKER SYSTEMS. THIS FILTER DIRECTS ALL BASS FREQUENCIES BELOW 300 CPS TO ONE SIDE OF THE SYSTEM WHILE THE HIGHER FREQUENCIES ARE PASSED WITHOUT CHANGE TO BOTH THE SYSTEMS. IN A STEREO SYSTEM THIS ELIMINATES THE NEED FOR TWO FULL RANGE SYSTEMS. CAN BE ADAPTED FOR OTHER USES. WT. 8 LBS. 5 1/2" x 4 1/2" x 5 1/2" EVXX3F NEW. \$2.95

ELECTRIC LOCK CONTROL SWITCH HEAVY DUTY TWO POLE SWITCH CONTROLLED BY YALE LOCK. 4 1/2" x 4 1/2" x 3 1/2"; 3 LB. #B986 \$3.95

MATCHING LOCKSET FOR ABOVE #B-857 \$1.95
WT: 1 LB. \$2.25
P/O RA-60 POWER SUPPLY

PPI RADAR SYNCHRONIZER OFFSET CHASSIS ASSY WITH TUBES 2/6A76 1/6100, 1/6096, 1/6101, CERAMIC SOCKETS, 5 TEST PIN JAC PRECISION RES., COND, TRANS, SIZE 7 1/2" x 5 x 3; 4 LBS. \$1.50
STK. No. 1013 \$1.50

MX-303A MAGAZINE FOR WIRE RECORDERS
ANC-1A, VRW-1 ETC. W/WIRE ON SPOOLS, MAGNETIC W/HEAD, TIMERS, SWITCHES ETC. SIZE: 8 1/4" x 4 1/2" x 3; 5 LBS.
RE-NEW \$1.95

ELECTRICAL CIRCUIT TESTER: PLASTIC UNIT CONTAINING 3 ROWS OF LIGHT BULBS. 3 IN EACH ROW, WITH PLASTIC WINDOWS ON BOTH SIDES, 2, 4, 6 ONE SIDE, 3, 5 OTHER, SEPARATE LEADS FOR EACH ROW, CABLE 3/8" LG. WITH ALLIGATOR CLIP SIZE 7 x 3 1/2" x 1; WT: 1 LB. BAYNET TYPE BULBS 24 V. MX-241/ PRICE: \$.75

CONTROL PANEL W/ SPST TOGGLE SWITCH & MIC. JACK, INDICATOR & 6' 8 COND. CABLE.
AVT-15CB \$1.50

BC-610 OSCILLATOR PLUG IN UNITS FOR 500 WATT TRANSMITTER

COILS PLUG IN AIR TYPE 5 BANANA PINS. 3 1/2" x 4 1/2"; 1 LB. \$1.95

FOR BC-610 C-# FREQ. Mc. 447 8.0-11.5
448 11.0-14.455 1.0-1.15
FOR T-4/FRC C-14 7.1-9.9
" " C-2 5.1-7.1

DELCO DUAL BLOWERS 100 CFM 115 VOLT 60 CYCLE .86 AMPS. 2 1/2" INTAKE, 2" DISCHARGE SIDE OR FRONT MTG. SIZE 10 1/2" x 6 x 7; WT: 15 LB. #62373 PRICE: \$7.95 EA. 2 FOR \$15

BUD COILS TRANSMITTING COIL MOUNTED ON 5 PIN CER AMIC BASE. 3C802 160 M 3C803 80 M 3C804 40 M 3C805 20 METERS
PRICE: EACH COIL \$1.00

MEISSNER COIL KIT FOR SIGNAL SHIFTERS PLUG-IN TYPE 3 COIL OSC. PLATE, OSC. GRID & BUFFER, 5 & 6 PRO NG BASE. 3C2500-51 2040-2410 3C2500-52 2395-2835 3C2501-17 7000-7300 3C368 -14 1000-1170
PRICE: KIT (3) COILS \$1.

COMMAND SET COILS 10790 85 KC IF \$2.00
7277 2830 " IF \$1.50

OSCILLATOR COILS 5855 1415 KC \$1.00
5856 2830 KC 1.00
5853 239 KC 2.00

465 KC I.F. COILS AS USED IN MARK II No. 19 RADIO SET. SLUG TUNED IRON CORE, 1, 2, 3RD I.F. #PC77366-7 \$.75 EACH

30 MC IF SLUG TUNED IRON CORE 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 \$.50 EA.

ARGUS AUTOMATIC TIMER No. 586 12 STOPS, 5-60 SECONDS, AUTOMATIC HOLD OR. REJECT ON ANY PRE-SELECTED STOP. MADE FOR SLIDE PROJECTORS CAN BE ADAPTED TO OTHER USES. 2 1/2" x 3 1/2" x 2 1/2" \$2.95

MASTER OSCILLATOR TUNING CAPACITOR FOR COMMAND TRANS. SINGLE ENDED SHAFT AND WORM GEAR DRIVE 32 PLATES STK# 2C6397A/C6 PT#C-63/5032 4 1/2" x 2 1/2" \$1.50

BC-221 FREQUENCY METER OSCILLATOR TUNING CAPACITOR 11.5-160 F. PYREX GLASS INSULATORS. DRIVEN THROUGH 360 BY WORM GEAR. WITH DIAL. 3 x 3 x 5 1/2 LBS. \$4.95

T-67/ARC-3 C129 POWER AMPLIFIER PLATE TUNING 4-17 MMF, 2500 V .0243 AIR GAP. SHAFT 13/16 x .31; 1/7/8 x 2 1/2 \$1.50

BC-624/522 RECEIVER, 3 GANG 6-36 MMF EACH SECTION WITH SLUG TUNED TRIM. SHAFTS 5/16 STK#309036V SIZE 4 1/2" x 2 1/2" x 1 1/2" \$1.50

CAPACITORS VARIABLE CAPACITOR 5 SECTION 20-402 MMF EA. SECTION, WITH GEAR TR. AND SPLINED SHAFT, STRAIGHT SIZE: 9 1/2" x 4 x 3; 4 LBS. #C-ARN-6 \$3.95

BC-348 C&S VARIABLE CAPACITOR, 4 SECTION 16 TO 241 MMF, WITH GEAR & COMP. 6 1/2" x 2 1/2" x 3 1/2"; 2 1/2 LBS. #3D9016V-1 PRICE: \$1.50

RF TUNER CAVITY 990-1040 MC, SILVER PLATED, 4 CAM. ACTUATED PLUNGERS. UG-88/89 COAX. CONN. 6 LB. 8 1/2" x 2 1/2" x 3 1/2"; \$1.95

BC-924 TRANSMITTER COIL SLUG TUNED COIL 27 TO 38 MC. WITH ADJUSTING DIAL & TUNING SCALE MOUNTED ON CAST BASE. SIZE 8 1/2" x 1 1/2" x 1 1/2". PRICE: 1.00

TCS VARIABLE CAPACITOR 2 SECTIONS 10-380 MMF 1 SECTION 10-380 MMF, 4" 3 BAND DIAL CALIBRATED 1.5-3 MC 3-6 MC & 6-12 MC. WITH GEAR ASSY & LOCK. SIZE 7 1/2" x 3 1/2" x 3 1/2"; WT: 5 LBS. #W-881 PRICE: NEW \$3.95

TRANSMITTER VARIABLE CAP. 42-420 MFD. 2000 VDC. 40 PLATES 1/16 SPACING. SIZE: 6 1/2" x 4 1/2" x 2 1/2" LB. GE#7765659-PI PRICE: \$5.95

20 TO 156 MMF 31 PLATES; SIZE 4 1/2" x 3; SHAFT 1/2 x 3/8 GE#77660443-6 PRICE: \$1.95

22 TO 118 MMF 31 PLATES SIZE: 4 1/2" x 2 x 3 SHAFT 1/2 x 3/8 GE#7463006-1 PRICE: \$1.95

COMMAND RECEIVER VARIABLE 6 TO 9.1 MC. 3 GANG W/TRIM MERS & GEAR ASSY. APPROX. 62 MMF #6558, 4 x 3 x 3, WT: 2 LB. 309062 \$1.95

50 MMFD VARIABLE 7 PLATE 1/2" x 1/2" SHAFT, MTG. BRK. #351-1037 \$.79

PA TUNING CAPACITOR FOR COMMAND TRANSMITTERS WITH GEAR TRAIN & DOUBLE END SHFT SIZE 4 1/2" x 3. STK#2C6397A/C8 PT#C-65/7321 PRICE: \$1.50

351-1013 3.5 TO 27 MMF, 13 PLATI SIZE 1-5/8" x 1-5/8" x 1-5/8" \$.75
1 1/2" x 3/16" \$.75

VARIABLE CAPACITOR 7 SECTIONS 1/80, 4/100 & 2/200, DRUM DIAL. 1 1/2" x 1 1/2" x 3; 5 LBS. #CA-325/BC-223 \$2.95

BC-624 R.F. TUNER ASSY. AM WITH VARIABLE CONDENSERS, COILS, SOCKETS OSCILLATOR SECTION COUPLINGS ETC. FREQ. 100 TO 156 MC. SIZE: 5 1/2" x 5 1/2"; WT: 8 LBS. #22K11150 USEO \$3.95

MINIMUM ORDER \$3.00



GENERATOR (ANGLE TRANSMISSION) ROTOR 2 PHASE 24 VOLT, STATOR 2 PHASE 20.6 VOLT 400 CYCLE. PART #BGC-15-DS-10; SIZE 1 1/2 x 2 1/2 (CLIFTON) \$2.95
 GENERATOR INDUCTION, 24 VOLT 400 CYCLE EASTERN AIR DEVICES #J2GM07-40 \$2.95
 TRANSMISSION GENERATOR MFG. ARMA, TYPE 400X1, DWG #93054 \$2.95

AUTOSYN RESOLVERS
 AY22IS-3-B 400 CYCLE, ROTOR 2 PHASE 26 VOLT, STATOR 2 PHASE 11.8 V. BENDIX 1.95
 AY-123D BENDIX SAME SPECS AS ABOVE 1.95
 SERVO CONTROL MOTOR MFG. BY OSTER, 115 V. 400 CYCLE NO LOAD SPEED 5000 RPM. TORQUE 1.45 OZ. IN. \$2.95

RESOLVER MFG. BY CLIFTON PART #BSC-15DS ROTOR 2 PHASE 0.5-16 VOLT, STATOR 0.5-16 VOLT 400 CYCLE. \$2.95
 RESOLVER TRANSMISSION GENERATOR, JOHN OSTER TYPE 15-4042-06, DWG. #C45 \$2.95
 RESOLVER MFG. BY ARMA, TYPE 03X1-400 DWG. #93001. \$2.95
 RESOLVER MFG. BY OSTER TYPE 15-4042-04 \$2.95

AUTOSYN DIFFERENTIAL
 AY-165-A3 400 cyc, 3 phase 11.8-3 phase 1 - 1 RATIO. BENDIX 1.95
 AY-232S-3B BENDIX SAME SPEC. AS ABOVE 1.95
 AY-231S-3B " " " " " " 1.95

2JIHI SELSYN DIFFERENTIAL GENERATOR
 NORMALLY OPERATES FROM 57.5-57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 36 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM ON PAGE 31. SIZE: 2 1/2 x 4 1/2; WT: 8 OZ. PRICE WITH CONNECTOR CAPS..... \$3.95

1-196 SIGNAL GENERATOR 160 TO 220 MC USED TO CHECK LF & HF BANDS OF IFF SETS. DRY BATTERY OPERATION USES ONE 957 ACORN TUBE VARIABLE FREQ. & TONE CONTROL, PILOT LIGHT, ON/OFF SW. ETC. HOUSED IN WOOD CASE WITH CANVAS COVER. SIZE: 8 1/2 x 8 1/2 x 14; WT: 10 LBS. REQUIRES 1.5 & 135 VDC. NEW \$2.95

READOUT BOARD

READOUT BOARD, USES 30 110 VOLT NEON BULBS WITH 3/16" DISPLAY EACH ONE NUMBERED. SLIDE TYPE CONNECTORS & 30 RESISTORS MOUNTED ON BOARD 5 X 11 INCHES, WT: 1 LB. PRICE: \$1.95 EA. 3 FOR \$5.00

1D-169/APN-12 RADAR OSCILLOSCOPE
 USED WITH VARIOUS TYPES OF RADAR IDENTIFICATION SETS FOR INDICATING INCOMING SIGNALS. (CAN BE CONVERTED TO MONITORING OR TEST USE) HAS VERTICAL, HORIZONTAL, FOCUS, SWEEP & INTENSITY CONTROL ANTENNA SWITCHING MOTOR OPERATES FROM 24 VDC AND REQUIRES UG-88 CONNECTORS. WITH TUBES 5/12AU7, 3/5726, 1/6AS6, 1/6AQ5, 1/6X4 & 1/3JPI. OPERATES FROM 115 VOLT 400 CYCLE (NOT 60 CYCLE) SIZE: 9x9x16; WT: 30 LBS. USED \$9.95

PPI RANGE INDICATOR FOR T-9 TRACKER RADAR SET AN/GPG-1. OPERATES FROM 115 VOLT 60 CYCLE WITH TUBES 13/6J6, 2/12AH7, 1/6AG 5, 1/6AR6, 1/6AG7, 2/6C 4, 1/12AU7, 1/30P1, 1/5ADP7 & 2/3B29 ALL FOCUSING CONTROLS ON FRONT PANEL, CHASSIS ONLY, NO COVER. SIZE: 13x11x24; WT: 80 LBS. PRICE: REMOVED FROM EQUIPMENT \$24.95

RADAR FREQUENCY AMP.

R-9 RADAR FREQUENCY AMP. USED TO INCREASE OUTPUT OF TEST EQUIPMENT IN 2750-2950 MC RANGE. POWER APPROX. 6 WATTS FROM 2C40 TUBE. CONTROLS FOR POWER AND FREQUENCY. COMPLETE WITH TUBES 2C40, 6AN5, 5687, 12AT7, 2X2, 2/0A2, 0B2, 2/5Y3, 6EQ6; SIZE: 10 1/2 x 17 x 20. WT. 43 LBS. PRICE: \$19.95

GYRO INTEGRATING HIG UNIT MFG. BY HUGHES AIRCRAFT PART NO. 420 -57-0013. CONTROL RATE OF TURN. SIZE 2 1/2 x 5 1/2; WT: 3 LBS. USED \$4.95

DEFLECTION PREDICTION SERVO ARMA #93600. CONSISTS OF FOUR RESOLVERS #93170, PRECISION POT. CONTROL MOUNTED ON GEAR TRAIN ASSY WITH INDICATOR DIAL SIZE: 6 1/2 x 3 1/2 x 4; WT: 4 LBS. PRICE: USED \$4.95

AZIMUTH LINE OF SIGHT SERVO ARMA#2-00003-239. CONSISTS OF RESOLVER 93170, INDUCTION GENERATOR 2-00003-903, SERVO MOTOR BM-1541A, PRECISION POT. MOUNTED ON CHASSIS WITH GEAR TRAIN ASSY. SIZE 6 1/2 x 4 x 4 1/2; WT: 5 LBS. \$4.95

P OR R ELEVATION COMPUTER ASSY; CONSISTS OF TWO SYNCHRO RESOLVER, KETAY#D-13810-1 0-100V 350 CPS, #D-13350-1 0-10 V. 400 CPS, KOLLSMAN INDUCTION MOTOR #1515J-0430, WE MAGNETIC AMP. GA-52140, FOUR TUBES IN SEALED CIRCUITRY, A&B CONTROLS, TEST JACKS ETC. STK.# 15264 SIZE: 11x7x6; WT: 12 LBS. PRICE: USED \$6.95

GE SELSYN GENERATOR No.2J1FAT 115/57.5 v. 400 cyc. \$3.95

GE TANDEM SELSYN CONTROL TRAN- FORMER No.2JB15K1, 57.5-57.5 VOLTS 400 CYC. RATIO 31-1 \$2.95 REPEATER A.C SYNCHRONOUS TYPE 1X 115 VOLT 60 CYCLE, SIZE 5x3 PRICE: \$7.95 2 FOR \$15.00

RECEIVER TORQUE SYNCHRO 23TR4 115/90 VAC 400 CYCLE, TWO UNITS MOUNTED ON FRAME WITH NUMBERED DIALS 0-100 & 0-1000, SYNCHRO SIZE 4x2x2 PRICE USED \$15.00

23TR4 Receiver 115/90 V. 400 cyc. USED \$7.95
 23TX4 TRANSMIT 115 V. 400 " " 7.95
 23CT4 CON. TRANS. 115 V. 400 " " 7.95
 23RS4A RESOLVER 90/90 V. 400 " " 7.95

23CX6 TRANSMIT 115/90 V. 60 cyc. NEW 10.00
 23CX6 " " " " " USED 7.00
 23CT6 TRANSFOR 90/1V PER DEG 60CY " 7.00
 23TR6 RECEIVER 115 V. 60 cyc. " 15.00

DAYSTROM TRANSICOIL CONTROL MOTOR 115 VOLT 60 CYCLE, 1 PHASE, 2 PHASE 200 VOLT CT., 3200 RPM. SIZE 2 1/2 x 2, SHAFT SIZE 1/16 x 1/2 WITH GEAR, (REMOVED FROM NEW EQUIP.) PRICE: \$5.00

SYNCHROSCOPE

OS-29/UPM-4A PRECISION SYNCHROSCOPE EMPLOYING A THREE INCH CATHODE RAY TUBE. THE SWEEP OF THE CATHODE RAY TUBE CAN BE TRIGGERED EXTERNALLY OR INTERNALLY AND CAN BE DELAYED WITH EITHER TRIGGER. THE SWEEP DURATION AND, WHEN INTERNALLY TRIGGERED, THE SWEEP FREQUENCY CAN BE CONTROLLED. THE INPUT SENSITIVITY OF THE VIDEO AMPLIFIER CAN BE VARIED IN SIX STEPS FROM 0.2 TO 20 VOLTS PER INCH OF VERTICAL DEFLECTION. THE UNIT CONTAINS HIGH VOLTAGE POWER SUPPLY, BUT REQUIRES THE FOLLOWING VOLTAGES FOR OPERATION 300V, -27V, 425V, 105V. NORMALLY SUPPLIED BY POWER SUPPLY PP-802/UPM-4A, NOT AVAILABLE. SIZE: 22x19x10. WT. 50 LBS. OS-29/UPM-4A ONLY, RENEW. \$39.50

BC-966 RECEIVER-TRANSMITTER 160 TO 211 MC. CODED SIGNAL FOR IFF FRIEND OR FOE IDENTIFICATION IN AIRCRAFT. WITH 13 TUBES 3/6H6, 3/7193, 7/6SH7, RELAYS, VOLTAGE REGULATOR, RESISTORS, CONDENSERS ETC. LESS DYNAMOTOR. SIZE: 12x13x9; WT: 43 LBS. USED \$4.95

AUTOMATIC PILOT COMPONENT; GYRO DIRECTIONAL STABILIZER UNIT FOR "M" SERIES BOMBSIGHT AND E-6 AUTOPILOT. OPERATES FROM 24-28 VOLTS D.C. SIZE 17x12x12; WT: 50 LBS. PRICE: USED \$22.95

SYNCHRO SELSYNS

SYNCHRO GENERATOR SPERRY PT#R5663642 MFG. BY BENDIX FOR IBM. SIMILAR TO BENDIX OPERATES FROM 26 VOLTS 400 CYCLE SINGLE PHASE WHEN USED IN CONJUNCTION WITH BENDIX # AY-201 SYNCHRO CONTROL TRANSFORMERS IT WILL OPERATE UP TO 20 UNITS. WILL ALSO OPERATE FROM 6 VOLT 60 CY. WITH A SLIGHT LOSS. SIZE: 2 1/2 x 2 1/2; SHAFT 1/16 x 1/8; WT: 12 OZ. PRICE: NEW \$2.95 2 FOR \$5.00

AY-201 SYNCHRO CONTROL TRANSFORMER MFG. BY BENDIX, KETAY, CLIFTON ETC. ROTOR 1 PHASE 26 V 400 CYC. STATOR 3 PHASE 11.8 V. SIZE: 1 1/2 x 1 1/2, SHAFT 1/16; WT: 3 OZ. PRICE: RE-MOVED FROM EQUIP. \$1.95 EA.

KEARFOOT R-200 SYNCHRO CONTROL TRANSFORMER. ROTOR 26 VOLT 1 PHASE 400 CYCLE, STATOR 11.8 VOLT 3 PHASE. SIZE: 1x1-3/4, SHAFT 1/16 x 1/2; WT: 3 OZ. CONDITION REMOVED FROM EQUIPMENT. PRICE: \$2.95 EACH
 KEARFOOT SYNCHRO RESOLVER R-235, ROTOR 2 PHASE 26 VOLTS, STATOR 2 PHASE 11.8 VOLTS 400 CYCLE. SIZE: 1x1-3/4; SHAFT 1/16 x 1/8; 3oz. REMOVED FROM EQUIPMENT. PRICE: \$2.95

SELSYN CONTROL TRANSFORMER #2J1G1, 57.5-57.5 V 400 CYCLE (WILL OPERATE FROM 36 V 60 CY SEE WIRING DIAGRAM NEXT PAGE) SIZE: 2 1/2 x 4 1/2; WT: 1 LBS. USED PRICE WITH CAPS \$3.95

SELSYN SYNCHRO

NAVY TYPE SYNCHRO GENERATOR 5G MK1, Mod. 5; 115/90 V. 60 CYCLE. CAN BE USED FOR DIRECTIONAL CONTROL TO A REMOTE POSITION IN PAIRS AS TRANSMITTER & RECEIVER. EACH UNIT WILL FOLLOW OTHER UNIT IN DIRECTION AND SPEED OF ROTATION. HEAVY DUTY GEAR TRAIN WITH SELSYN/SYNCHRO AS ILLUSTRATED, SIZE 10x8x5, WT: 12 LBS. \$7.95
 SELSYN SYNCHRO TRANSFORMER TYPE XV #78386 115 V 60 cyc, 5 1/2 x 3 1/2; SHAFT 1 1/2 x 1/2; 5 LB. \$6.95

GENERAL ELECTRIC SELSYN CONTROL TRANSFORMER MODEL NO. 2J15N1 57.5-57.5 VOLTS 400 CYCLE. SIZE: 2x2x2; 1 LB. NEW \$4.95

MD-5B/APS-3 MODULATOR FOR SUPPLYING POWER TO RT-10/APS-3 TRANSMITTER CONVERTER IN PULSED FORM TWO MICROSECOND 350 CYC. ONE MICRO-SEC. 700 CYC. WHICH IS RECEIVED FROM THE RECEIVER-AMPLIFIER OPERATES FROM 115 V. 400 CYCLE. WITH TUBES 3/3B24, 1/3B26, 1/829B & 1/715. SIZE: 17 1/2 x 15 1/2 x 17 1/2; WT: 95 LB. USED \$50.
 R-18/APS-3 RECEIVER-AMPLIFIER USED \$39.50
 PP-12/APS-3 RECTIFIER " 29.50
 C-20/APS-3 AZIMUTH CALIBRATOR " 5.95
 MX-10/APS-3 DUMMY INDICATOR " 3.95

MD-16/TPS-3 MODULATOR, RADAR TYPE P-3E EMISSION, RESONANT CHARGING SYSTEM THRU TYPE E LINE THAT IS DISCHARGED THROUGH SPARK GAP & PULSE TRANSFORMER, 500 OHM INPUT, 8 KV OUTPUT, 200 PULSES PER SEC., 1.2 SEC. DURATION. WITH TUBES 2/705 & 1/1B32-532. OPERATING VOLTAGE 115 V. 400 CYC. SIZE: 12 1/2 x 14 x 11; 125 LB. PRICE: RE-NEW \$16.95

1-82A 5" INDICATOR
 1-81A 3" INDICATOR

1-82A INDICATOR 5" ILLUSTRATED TO LEFT ABOVE 0-360 DEGREE SCALE CONTAINS A MATCHING AUTOSYN MOTOR TO BE USED WITH THE LP-21LM LOOP. OPERATES FROM 26 V 400 CYC. (60 CYC SEE BELOW)
 1-81A INDICATOR 3" ILLUSTRATED TO RIGHT ABOVE 0-36 DEGREE SCALE CONTAINS A MATCHING AUTOSYN THAT WAS USED WITH THE LP-21LM LOOP. OPERATES FROM 26V 400 CYC. (60 CYC. SEE BELOW)
 1-82A INDICATOR 5" USED \$7.95
 1-81A INDICATOR 3" USED \$3.95 RENEW \$4.95
 PL-118 CONNECTOR PLUG FOR INDICATORS 2.50 EA

STARK VTVM TA-1

STARK VACUUM TUBE VOLTMETER MODEL TA-1 MEASURES THE FOLLOWING QUANTITIES. AC AND DC VOLTAGES (PLUS AND MINUS) 3, 12, 30, 120, 300, 1200 VOLTS; CURRENT RANGES 3, 12, 30, 120, 300 1200 MA. RESISTANCE RANGES R_X10, R_X100, R_X1K, R_X10K, R_X100K R_X1M. CAPACITANCE C_X10_uF, C_X100_uF, C_X1000_uF, C_X10_uF, C_X100_uF, C_X1000_uF. 115V 60CYC 7X9X12 18 LBS W/AC AND DC PROBES.



Used \$50.00

STARK MULTIMETER

STARK MODEL RB MULTIMETER 20,000 V DC. 1000 V AC. AC & DC VOLTAGE RANGES; 2.5, 10, 50, 250, 1000V CURRENT RANGES; 100UA, 1MA, 10MA, 100MA, 500MA, 1AMP, 10AMP. 500MV RESISTANCE; R-10, R, R_X10, R_X1000 DB SCALE; -18 TO 30DB. SWITCH FOR AC, DC, AND DC REVERSE. ZERO SET. 3 1/2 X 4 IN. METER SH. WT. 12 LBS. USED: \$19.95

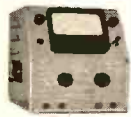


SIGNAL GENERATOR

STARK MODEL 10-A RF SIGNAL GENERATOR. OUTPUT IS AUDIO, PURE RF, OR MODULATED RF OVER A RANGE OF AUDIO OR 95KC TO 144 MC. POWER REQUIRED 115V 25-60 CYCLES. SIZE 15 1/2 X 12 X 6 1/2 30 LBS. USED \$50.00



CRITERION E6300 VTVM MFG. BY CANADIAN RESEARCH INSTITUTE. RANGES. ACV; 0-3, 12, 30, 120, 300, AND 1200 V.



DCV; 0-3, 12, 30, 120, 300, 1200VDC MA: 0-3, 12, 30, 120, 300, 1200MA OHM; R_X1, R_X10, R_X100, R_X1K, R_X10K, R_X1MΩ.

CAPACITANCE SCALES: C_X100_uF, C_X10_uF, C_X1_uF C_X0.1_uF, C_X0.01_uF, C_X0.001_uF, C_X100_uF. METER 4 1/2 X 4 1/2 IN. SIZE: 8 1/2 X 8 1/2 X 3. WT. 18 LBS. 115VOLTS 60 CYC. \$ 85.00

AUDIO GENERATOR



MEASUREMENT ENGINEERING AUDIO GENERATOR AG-3

FREQUENCY RANGE 35 TO 350 350-3500. 3500-35000 CPS 3 RANGES OUTPUT CONTROL

VARIABLES AMPLITUDE OF SIGNAL. COMPLETE WITH TUBES; 6SJ7, 6K6, 6V6, 6SF5, 5U4 SIZE; 18X14X8 FOR 115V 60CYC. SH. WT. 49LBS. USED \$50.00

CALORIMETER



CALORIMETER D-7604681G1

PORTABLE UNIT DESIGNED TO MEASURE THE RF POWER OF X BAND RADAR. TWO SYSTEMS ARE EMPLOYED, CLOSED CYCLE FLUID FLOW AND ELECTRICAL THE FLUID FLOW IS CIRCULATED BY AN INTERNAL PUMP WHERE THE RF IS CONVERTED TO HEAT ENERGY, THE OUTPUT IS THEN INDICATED ON THE 4" WATT METER. THE RANGE SELECTOR IS FOR LOW RF 0-100 & HIGH RF 100-400 WATTS. OPERATING VOLTAGE 115 V. 50 - 420 CYCLE. SIZE: 20X15X13; WT: 75 LB. USED (FULL SPECIFICATIONS SENT UN REQUEST) \$75.00

TELEPHONE



AN/FTC-14 TERMINAL TELEPHONE XMTG TWO (2) CHANNEL 2 WAY VOICE TYPE ORDER WIRE CHANNEL 300-1700 CYCLE FREQ. RANGE, SERVICE CHANNEL 2250-5000 CYCLE FREQ. RANGE. CONSISTS OF MAGNELOOP RECORDER #531, AUDIO AMPLIFIER PANEL, LINE AMP. & EQUALIZER VOLUME INDICATOR PANEL, AMP, SPEAKER HANDSET & HOLDER, POWER SUPPLY, PATCHING JACKS, AMP. & FILTER UNIT ETC. OPERATES FROM 115 V 50/60 CYCLE.

CABINET RACK ONLY \$29.95

CABINET SIZE 8 1/2 X 22 1/2 X 17; TAKES STD. 19" PANEL. FULL DOOR ON BACK, 38" DOOR ON FRONT. SHPG. WT: 250 LBS. PRICE: COMPLETE UNIT AS DESCRIBED \$175.00

CABINET RACKS



CABINET RACK WITH 220 VAC 60 CYCLE EXHAUST FAN, 75 1/2" H X 22" D X 21 1/2 W FOR 19" PANEL MOUNTING. WT: 150 LB #DTB PRICE: USED \$ 29.50

CABINET RACK WITH 115 VOLT 60 CYCLE BLOWER, 75" H X 24" D X 22 1/2" W FOR 19" PANEL MOUNTING. WT: 150 LBS #FGC-29 PRICE: USED W/ BLOWER \$35 " " LESS " \$30

DELUXE CABINET RACK, EIGHT (8) DRAWERS 7" HIGH, ONE (1) DRAWER 11-1/2" WITH FULL GLIDE SUSPENSION, DRAWER AND GLIDES CAN BE REMOVED FOR STRAIGHT PANEL MOUNTING, RECESSED PANEL MOUNTING. AND ROUNDED FRONT FOR 19" PANEL MOUNTING. SIZE: 73" H X 27" D X 24" W. WT: 150 LBS. PRICES: WITH 2 / 115 V. DUAL BLOWERS \$52. " " " " NO " \$46. " " " " NO " \$40.

CABINETS

METAL EQUIPMENT CABINETS

HEIGHT DEPTH PANEL SIZE WT

10 1/2 15 19x8 1/2 28

USED \$5.95 (BLACK)

SLOPING FRONT CABINETS

WIDTH DEPTH HEIGHT WT.

14 1/2 8 8 6

18 1/2 8 9 7

USED \$2.95 EA.

16 8 8 8 USED \$3.95



STEEL CABINET 20 1/2 X 8 X 9, OPENS AT THE TOP. FRONT PANEL CUT OUT 11X4 ALSO 7/16 HOLE IN FRONT. SIDES LOUVURED, ROUNDED FRONT & TOP. SHPG. WT: 15 LBS. #ECC \$2.95

GRAB BOX

ASSORTMENT OF NEW & USEABLE ELECTRONIC PARTS & ASSEMBLIES SUCH AS MOTORS, TRANSFORMERS, CHOKES, CONDENSERS, RESISTORS, RECTIFIERS, COVERS, CASES ETC.

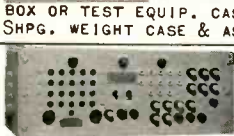


ASSORTMENT # 1 IS IN A MINE DETECTOR CARRYING CASE WITH HINGED COVER, CARRYING HANDLE, HASP ETC. SIZE 28 1/2 X 8 1/2 X 15, CHEST WEIGHT 35 LBS. TOTAL WEIGHT 75 LBS. PRICE: \$7.50

ASSORTMENT # 2 IS IN A PLYWOOD BOX SIZE 24X16X 19 1/2, TOTAL WEIGHT 100 LBS. BOX ONLY 15 LBS. PRICE: \$10.00



GRAB-BOX ASSORTMENT #3 35 LBS IN FIBER BOARD COVERED PLYWOOD CASE WITH HINGED COVER, STEEL REINFORCED CORNERS, LEATHER CARRYING HANDLE & LATCH FASTENERS. WILL MAKE A GOOD PORTABLE TOOL BOX OR TEST EQUIP. CASE. SIZE: 19X14X7. SHPG. WEIGHT CASE & ASSORTMENT 35 LBS. \$3.50



SB-506/GPA-37 PANEL, TEST, ELECTRICAL. WITH TRANSFORMERS 105, 110, 120, 125 VOLT 60 CYCLE PRIMARIES, ONE 6.6 V 10 AMP. SEC & ONE 6.6 V. 2.3 AMP. SEC., 13 LAMP INDICATING FUSE HOLDERS, 6 STANDARD FUSE HOLDERS, 3 DIFFERENT COLOR PILOT LIGHTS 7/8", 34 LARGE PIN JACKS, 10 SMALL PIN JACKS, ONE SPST SWITCH & ONE DPDT SWITCH, 2 VOLUME CONT. 2 DOUBLE AC OUTLETS AND ONE 13 CONTACT CONNECTOR PLUS OTHER CONNECTORS & SOCKETS. SIZE: 22X8X7 1/2; WT: 35 LBS. PRICE: RE-NEW \$9.95



RT-35/AM RADIOSONDE TRANSMITTER - RECEIVER 675 TO 725 MC, USED FOR WEATHER AND RADAR OBSERVATION WITH 4/1L4 & 1/2C35 TUBES. VOLTAGE REQ. 90 VDC & 115VDC. SIZE: 3 1/2 X 4 1/2 X 10; WT: 5 LBS. PRICE: NEW \$3.95

AN/FGC-29 TELEPHONE TELEGRAPH DUAL RECEIVER SECTION. LINE, EQUIP. & MONITOR JACKS FOR EACH REC. METER SWITCH & TEST JACKS, REC. FILTERS 1955 CPS, 600 & 100,000 OHM. OPERATING VOLTAGE 115/230 V 50/60 CYCLE, WITH TUBES 2/2D21, 4/5814 & 6/5751 ALSO 4/1N-45 DIODES. RACK PANEL MOUNTING. 19X7X18; WT: 50LB. U \$22.50



PP-484/FGC-5 VOLTAGE REGULATED POWER SUPPLY OPERATES FROM 115/230 VOLT 50/60 CYCLE 1 PH. OUTPUT -115 VDC 100 MA 225 VDC 550 MA. 4/6.3 VAC 12 AMP. -6.3 V BIA WESTON 301 METERS 3 1/2" 0-10 VAC; 0-200 VDC & 0-500 VDC W/TUBES 2/3B28, 2/2050, 2/12AU7, 6Y6 & 5U4 ALSO 2 AC OUTLETS ON FRONT PANEL. SIZE: 19X11 1/2 X 20; WT: 150 LBS. \$39.95

CV-81/FGC-5 TELEGRAPH CODE CONVERTER TRANS. CIRCUITS FOR ACCEPTING & DETECTING START-STOP SIGNALS FROM 1 CIRCUIT STORING THE FIVE ELEMENT CODE COMBINATIONS AND TRANSFERRING THE STORED SIGNALS TO POSITIONS ARE USED BY THE TRANS. SIG. DIST. IN THE MULTI. CIR. WESTON 3 1/2" METER 301 DC MA 100-0-100, 30 TUBES, 19/5663, 5/12AT7, 5/12AU7 & 1/3B23. VOLTAGE REQ. 6.3 VDC -115 VDC & 225 VDC. SIZE 19X7X13; WT: 23 LBS. \$16.95



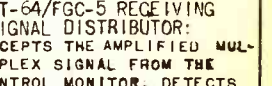
0-100/FGC-5 SIGNAL DISTRIBUTION DRIVE RECEIVING SUPPLIES DRIVING PULSES TO SIGNAL DISTRIBUTOR RECEIVING SECTION WHICH ARE CRYSTAL CONTROLLED FREQ. OF APPROX. 101.25 KC. W/ START-STOP INTERVAL, FOUR CHANNEL SELECTOR & 3 1/2" CORRECTION METER 5-0-5 0-1MA MOVE. W/TUBES 12/12SN7 & 2/6SJ7 USED \$1



CV-94/FGC-5 TELGRAPH CODE CONVERTER, RECEIVING GRP. ACCEPTS THE SIGNAL CODE COMBINATION, MOMENTARILY STORES AND GENERATES THE PROPER SIGNAL TO BE SENT ON TO THE START-STOP CIRCUIT, INCLUDES 6 INPUT SIGNAL LAMPS, MONITOR SSELECTOR, OUTPUT JACKS FOR MONITOR SCOPI TRIGGER & PRINTER, 3 1/2" METER 100-0-100 MADC W/TUBES 9/12AU7, 3/12AT7 & 13/5663 & MERCURY RELAY. RACK MOUNTING. 19X7X13; WT: 22 1/2 LBS. USED \$16.95



TT-64/FGC-5 RECEIVING SIGNAL DISTRIBUTOR: ACCEPTS THE AMPLIFIED MULTIPLEX SIGNAL FROM THE CONTROL MONITOR, DETECTS THE PATTERN, INVERTS TO NORMAL AND SENDS PROPER CODE COMBINATION TO CONVERTERS. W/ TUBES 12/12AU7, 4/12AT7, 10/5663, 2 PUSH SWITCH FOR IMPULSE & CHANNEL PHASING & MONITOR SELECTOR. RACK MOUNTING. 19X7X13; 22 LBS. USED \$14.95



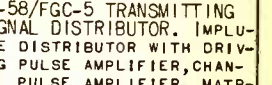
C-620/FGC-5 CONTROL MONITOR TRANS. GROUP AMPLIFIES SIGNALS FROM TRANS. SIG. DIST. COUPLES OUTPUT TO MULTIPLEX TRANS. CIR. NECESSARY CONTROLS, SWITCHES & LIGHTS TO DO THIS ALSO WESTON METERS 301, 3 1/2" 0-100 MA DC AND MULTIPLEX DRIVE FREQ. METER CALB. CYC PER. SEC. 60 & 75 WPM. 0-1 MA. DC. BASIC. FS. W/ TUBES 5/6SN7, 2/6V6, VOLTAGE REQ. 6.3 VAC, -115 VDC & 225 VDC. W/SCHEMATIC. SIZE 19X7X13; WT: 23 LBS. \$18.00



0-101/FGC-5 SIGNAL DISTRIBUTOR DRIVE TRANSMITTER GROUP SUPPLIES TIMED DRIVING IMPULSES TO THE TRANSMITTER DISTRIBUTOR, CRYSTAL OSCILLATOR 101.25 KC IN OVEN, AMPLIFIER CIRCUIT USES TUBES 6/6SN7, 1/6SJ7, 7 POSITION SW. FOR FREQ. & FAC. SEL. VOLT. REQ. 6.3AC. -115 & 225VDC. 19X7X13; 15 LB. \$9.95



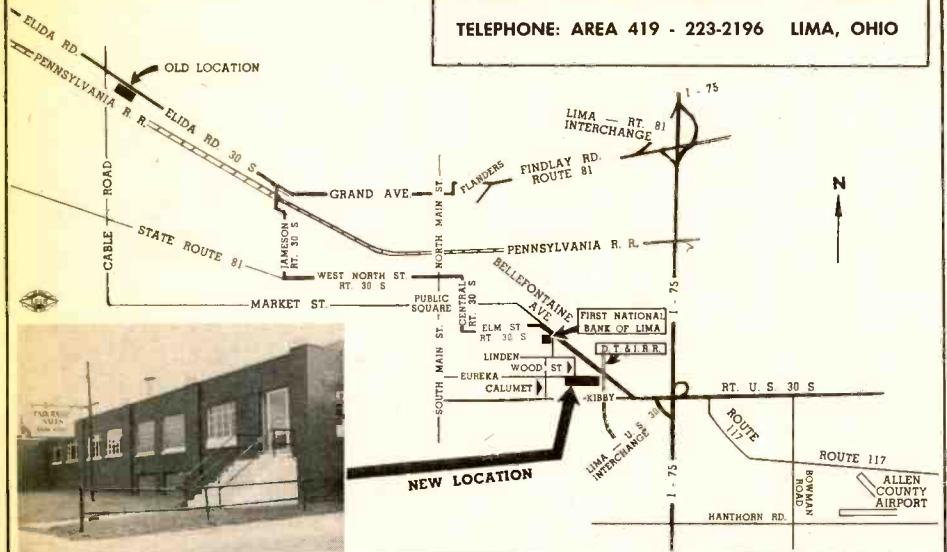
TT-58/FGC-5 TRANSMITTING SIGNAL DISTRIBUTOR. IMPLUSE DISTRIBUTOR WITH DRIVING PULSE AMPLIFIER, CHANNEL PULSE AMPLIFIER, MATRIX TUBE CIRCUIT, CHANNEL KEYING MIXER & OUTPUT SIG. AMPLIFIER WITH AUTO. STARTING CIRCUIT. WITH TUBES 19/12AT7, 10/5663. SIZE: 19X7X14 1/2; WT: 18 LBS. PRICE USED \$16.95



AM-911/FG AUDIO FREQUENCY AMPLIFIER, DUAL CHANNEL, FOR USE WITH TELEPHONE & TELGRAPH. EACH CHANNEL HAS JACKS FOR INPUT LINE & EQUIP. & OUTPUT LINE & EQUIP. SWITCH FOR LOADED & NON-LOADED CABLE & EQUAL. WITH LEVEL ADJUSTMENT & MONITORING CONTROL. OPERATING VOLTAGE 115/230 VOLT 50/60 CY WITH TUBES 2/2D21, 2/6AQ5 & 2/5751. RACK MOUNTING, SIZE 19X7X17 1/2; WT: 60 LBS. USED \$24.95



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 From Whom
 All Blessings
 Flow!*

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 Permit No. 74

NAVY WALKIE TALKIE



NAVY WALKIE-TALKIE TRANSMITTER & RECEIVER. THIS EQUIPMENT IS CRYSTAL CONTROLLED AND CAN BE OPERATED ON ANY ONE CHANNEL IN THE FREQUENCY RANGE OF 2.3 TO 4.5 MC. VOICE (A3) COMMUNICATION ONLY, OUTPUT OF TRANS IS 0.2 WATTS AND SATISFACTORY COMMUNICATION BETWEEN UNITS OVER AVERAGE TERRAIN SHOULD BE ABLE TO BE MAINTAINED UP TO APPROX. (1) ONE MILE.
 WITH TUBES 1/1R5, 1/1S5, 2/1T4, 3/3S4. VOLTAGES REQUIRED 67.5 VDC 3 MA; 135 VDC 4 MA; 1.5VDC 225 MA FOR REC. 67.5 VDC 1.5 MA; 135 VDC 19 MA; 1.5VDC 225 MA & -6VDC 30 MA FOR TRANSMIT. UNIT COMES IN A WATERPROOF PLASTIC CASE WITH SPACE FOR BATT. OR POWER SUPPLY. TELESCOPING ANTENNA 8 FT. HAS SPEC. LOADING COIL.
 COMPLETE WITH TUBES, ANTENNA, 2 CRYSTALS FT-243 (NO CHOICE) HEADSET W/CANVAS BAND CARBON MICROPHONE, CANVAS COVER, & MANUAL. SIZE 8x8x2 1/2; WT: 8 LBS.

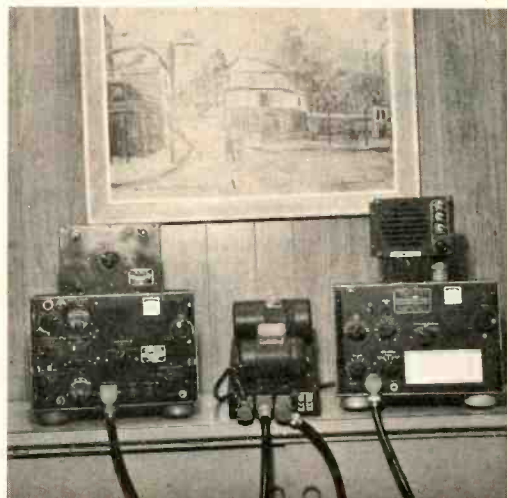
NAVY WALKIE-TALKIE DIRECTION FINDING EQUIPMENT MODEL DAV SAME AS "MAB" DESCRIBED ABOVE ONLY HAS A DIRECTION FINDING LOOP CIRCUIT FOR HOMING AND IS IN A WATERPROOF PLYWOOD CASE WITH WEB STRAPS FOR CARRING ON BACK OR FRONT. ALSO COMPLETE WITH TUBES, HEADSET WITH CANVAS BAND, LIP MICROPHONE, TELESCOPING, ANTENNA & 2 CRYSTALS (NO CHOICE) WITH MANUAL. SIZE: 14x10x3 1/2; 11LB PRICE: UNUSED \$12.95

VIBRATOR POWER SUPPLY MAB & DAV DESIGNED FOR USE WITH MAB & DAV DESCRIBED ABOVE, OPERATES FROM 6 V DC STORAGE BATTERY NT-6, THAT FITS ON BOTTOM OF P.S. PACK, 6 V 4AMP. (CAN BE OPERATED FROM ANY 6 VDC 4 A. SOURCE) SUPPLIES 1.5 VDC .3 A, -6 VDC .02 A, 67.5 VDC .005 A. 135 VDC .02A. ALSO USED WITH NAVY EQUIP. MU, MV, MW & MX. SIZE: 6 1/2 x 3 1/2 x 1 1/2; WT: 2 LBS. NEW \$6.95

N-T-6 PLASTIC STORAGE BATTERY FOR ABOVE POWER SUPPLY CRF-20221A SUPPLIES 6 VOLTS DC 4 AMP. SIZE: 3 1/2 x 2 1/2 x 2; WT: 2 LBS. DRY CHARGE BATTERY. \$3.95

NAVY TCS TRANSMITTER

AM, 1.5 TO 12 MC IN 3 BANDS, 40 WATTS CW, 20 WATTS PHONE, VARIABLE MASTER OSCILLATOR AND 4 CRYSTAL CONTROL PRE SET CHANNELS OVER THE ENTIRE FREQ. RANGE. WITH 3/12A6 TUBES IN THE OSC. AND BUFFER-DOUBLER, 4/1625'S MODULATOR AND POWER AMPLIFIER STAGES. ILLUMINATED DIAL WITH VERNIER AND SPIN TUNING, 2 1/2 INCH METERS FOR READING VOLTAGES & R.F. ALL TUNING AND OPERATING CONTROLS ARE ON THE FRONT PANEL. VOLTAGES REQUIRED 12 VDC & 400-440 VDC 200 MA. SIZE: 11 1/2 x 11 1/2 x 13 1/2; 41LB USED \$34.50 USED CHECKED FOR OPERATION \$44.50



NAVY TCS RECEIVER

AM, 1.5 TO 12 MC IN 3 BANDS, CRYSTAL CONTROL ON FOUR PRESET CHANNEL OR VARIABLE FREQUENCY OVER THE ENTIRE RANGE. AUDIO OUTPUT 1.5 WATTS INTO A 500 OHM LOAD. WITH TUBES 12SK7 RF AMPLIFIER, 12SA7 CONVERTER, 2/12SK7 IF AMPLIFIER, 12SC7 DETECTOR/BFO, 12A6 OSC. & 12A6 AUDIO AMP. IF FREQ. 456. ILLUMINATED DIAL WITH VERNIER & SPIN TUNING. AUDIO GAIN, AVC & BFO CONTROLS. VOLTAGES REQUIRED 12 VDC & APPROX. 220 VDC @ 100 MA. CW PITCH AND OSCILLATOR SELECTOR CONTROLS. SIZE 11 1/2 x 11 1/2 x 13 1/2; 37LB. USED \$44.95 USED CHECKED FOR OPERATION \$54.95



TCS POWER SUPPLIES
 115 V 60 CYCLE (NOT SURPLUS)
 COMBINATION UNIT FOR RECEIVER, TRANSMITTER & CONTROL BX
 7x8x13; 50 LBS. WIRED \$50.00
 TRANSMITTER ONLY; 5x6x9 1/2; 15 LB. " 35.00
 RECEIVER ONLY WITH SPEAKER 10x10x6; 15 LB. " 20.00

TCS REMOTE CONTROL UNIT TYPE 23270 FOR REC. TRANS. AND AMPLIFIER WITH HEAVY DUTY 5" PM SPEAKER, MIC & PHONE JACKS, VOL. CONTROL & SWITCHES. 3 1/2 x 5 1/2 x 7 1/2; 7 LBS. RE-NEW \$9.95

RUBBER SHOCK MOUNTS ONLY EACH \$1.50
 MOUNTING BASE ONLY \$1.50 WITH 4 MOUNTS \$2.95
 NOISE LIMITER CONVERSION KIT W/6H6TUBE 2.00

TCS CABLES RECEIVER TO POWER SUPPLY \$2.75
 " " TRANSMITTER TO " " 2.75
 PLUGS FOR CONTROL BOX & " " (2) 3.00

TCS ANTENNA LOADING COIL #47205; USED TO MATCH THE OUTPUT OF THE REC./TRANS. TO A WHIP ANTENNA TO OBTAIN THE MAXIMUM PERFORMANCE. OR BY USE OF THE 6 POSITION TAP SWITCH IT CAN BE USED TO MATCH VARIOUS LENGTHS OF STRAIGHT WIRE ANTENNA SYSTEMS. SIZE: 6x9 1/2 x 6 1/2; WT: 7 LBS. PRICE: USED \$6.95

TCS DUAL DYNAMOTOR POWER SUPPLY INPUT 12 VDC 14.5 AMP. OUTPUT 440 VDC 200 MA. FOR TRANS. 225 VDC 100 MA. FOR REC., FILTERED INPUT & OUTPUT WITH START RELAY & CONNECTORS FOR CONNECTING REC. TRANS. & CONTROL BOX. RE-NEW \$14.95
 SIZE: 12 1/2 x 7 x 7 1/2; WT: 35 LBS. PRICE: \$14.95

D-401 DYNAMOTOR ONLY FOR TRANS. INPUT 12 VDC 9.9 AMP, OUTPUT 440 VDC 200 MA. RE-NEW \$6.95
 D-402 DYNAMOTOR ONLY FOR REC. INPUT 12 VDC 3.8 AMP. OUTPUT 220 VDC 100 MA. RE-NEW \$4.95

TCS PARTS
 MOST PARTS AVAILABLE, ADVISE US OF YOUR NEEDS.

FM

TRANSMITTERS-RECEIVERS

AM



BC-604 TRANSMITTER

FREQ. RANGE 20-27.9 MC OUTPUT APPROX. 30 WATT. 10 CRYSTAL CONTROLLED CHANNELS. FREQ. 54 TIME CRYSTAL FREQUENCY. 12 VOLT DC OPERATION WITH DM-35 DYNAMOTOR. 24 VOLT DC OPERATION WITH DM-37 DYNAMOTOR. BATTERY DRAIN 20A. ON 12 VOLT TUBE LINEUP; 1619 DOUBLER, 1619 TRIPLER, 1619 1ST RF AMPLIFIER, 1619 RF RECTIFIER, 1624 POWER AMPLIFIER. SIZE: 18" L x 11 1/2" H x 10 3/8" D. WT: 60 LBS. LESS DYNAMOTOR. RE-NEW \$7.95

BC-684 TRANSMITTER

Used \$6.95

SAME AS BC-604 FREQUENCY RANGE 27 TO 39.1 MC



BC-603 RECEIVER

BC-603 RECEIVER F.M 20-27.9 MC CONTINUOUS TUNING & 10 PRESET PUSH BUTTON CHANNEL SELECTOR. WITH SENSITIVITY SQUELCH & VOLUME CONTROLS, 2 WATT OUTPUT TO SELF CONTAINED SPEAKER, ONE (1) MICROVOLT SENSITIVITY, 2.65 KC 3/6AC7, 1/6J5, 2/12SG7, 2/6SL7, 1/6H6 & 1/6V6GT. VOLTAGE REQUIRED 12/24 VOLTS FOR FILAMENTS, 220 VDC @ 80 MA. FOR HIGH VOLT SIZE 11 1/2 x 6 1/2 x 12 1/2; WT: 35 LBS. USED \$32.95

CONVERTED TO

30-45 MC \$44.95

AC POWER SUPPLY FOR BC-603 TRANSFORMER TYPE PLUGS INTO SAME PLACE AS DYNAMOTOR, NO CONVERSION REQUIRED ACCEPT-ADDING SWITCH, W/INSTRUC WIRED 14.95 KIT OF PARTS \$10.00 DM-34 DYNAMOTOR FOR 12 VOLT D.C OPER. N \$4.95 DM-36 " " " 24 " " " N \$4.95

FT-237 MOUNTING BASE

RE-NEW \$7.95

SHOCK MOUNT BASE TO HOLD ONE BC-924 TRANSMITTER AND ONE OR TWO BC-923 RECEIVER OR, ONE BC-603 RECEIVER. SOCKETS ON THE BASE WILL MAKE ALL OF THE NECESSARY CONNECTIONS TO THE SETS. TERMINAL BLOCK MOUNTED ON THE BASE FOR REMOTE CONTROL CABLE. WT: 44 LBS SIZE: 11 3/4" W x 1 3/4" H x 33 5/8" L.

IDENTIFICATION SET

RT-82/APX-6 RADAR IDENTIFICATION SET RECEIVER-TRANSMITTER COVERING RANGE OF 950-1150 MC. IF FREQ. 59.5/1.5 MC. (CAN BE CONVERTED TO 1215 MC. (ST FEB. '61, SEPT. '60; 1296 MC. (ST JUNE '61)) WITH (30) TUBES 6/6J6, 1/6AS6, 1/3E29, 3/6AL5, 1/5Y3, 2/3B24, 3/6AL5, 2/12AU7, 7/6AK5, 1/2C42, 1/2C46, 1/1B40, 1/1N-43, 1/1N-25. DIGIT COUNTERS ON TUNERS FOR TRANS-REC-LO FREQ. CONTROLS. VOLTAGE REQUIRED 24 AND 115 400/800 CYCLE. SIZE: 13x13x10; WT: 45 LBS. PRICE: USED WITH TUBES \$16.95

METERS

"S" UNITS DB METER 0-1 MOVE.



SCALES 0-5 0-10 0-x30 SIZE: 1 1/2 x 1 1/2 #J-SR-2P \$1.95

SIMPSON METER PERCENT SCALE -10-0--10 100 MICROAMP MOVEMENT. CAN BE MOUNTED VERT. OR HORIZ 5/8" x 2 1/2" SCALE. 3 1/2" DP. NEW #8439739 \$5.95



RELATIVE POWER DB METER 0-1 MA. MOV SCALES 0-5 & 0-30; SIZE: 1 1/2 x 2 #J-715 \$1.95

RELATIVE POWER DB METER 0-1 MA MOVE. 0-10 & 0-30 DB SCALE. SIZE 7/8 x 2" MTG. #J-V-303 2H \$1.95

R-114/VRC-4 RECEIVER AM CRYSTAL CONTROL ON FOUR CHANNELS IN THE 1.7 TO 8.7 MC BAND, ONE TUNEABLE BAND OF 190 TO 510 KC. IF FREQ. 525 KC. FOR PHONE AND CW USE. WITH TUBES 4/6SK7, 1/6K8, 2/6SQ7 & 1/6K6. VOLTAGE REQUIRED 6 V. FOR FIL. AND 220 VDC 80 MA. SIZE: 15 1/2 x 11 x 14 1/2; WT: 80 LBS. RE-NEW \$29.95

MP-28 MODULATOR & DYNAMOTOR FOR TA-12 TRANSMITTER, BLASS "B" OUTPUT 40 WATTS, WITH TUBES 2/807, 1/6N6 & 1/6N7. DYNAMOTOR 24VDC 14.8 A. OUTPUT 540 VDC 450 MA. SIZE: 12x12x12; WT: 30 LB MP-28 Mod. w/dyn. unused \$14.95 " " " LESS" 9.95 TA-12 TRANSMITTER 40 WATT PHONE, CW & MCW FOUR CHANNEL 300-600 & 3000-7000 KC. VFO OSCILLATOR EACH CHANNEL HAS OWN OSC. USING 12SK7 & 807 FINAL 2/807 PUSH-PULL (SEE S.R CONV#2) U \$29.95

R-316/ARR-26 RECEIVER 162.25 - 173.5 MC. FM NO COVER SUPPLIED DESIGNED TO RECEIVE SONOBOY SIGNALS ON 16 PRE-SET CHANNELS, WITH TUBES 1/6J6, 2/6AL5, 1/6AS7, 1/6AU6, 1/12AU7, 1/12AV7 & 7/6AK5. NO POWER SUPPLY, REQUIRES 280 VDC @ APPROX. 125 MA. AND FILAMENT VOLTAGES. OUTPUT OF THE SET USES A 12AU7 IN A CATHODE FOLLOWER CIRCUIT WHICH IS SUFFICIENT FOR HEAD SET. (SCHEMATIC AND CONVERSION INFORMATION FOR 145-175 MC SUPPLIED WILL INCLUDE ADDITION OF AUDIO, SQUELCH AND 115 VOLT 60 CYCLE POWER SUPPLY CIRCUITS.) SIZE 5x8x17; WT: 13 LBS. PRICE: USED \$22.95

BC-788C RECEIVER-TRANSMITTER ALTIMETER, PULSE TYPE, TRANSMITTER OUTPUT 50 WATTS. FIXED FREQUENCY 440 MC. WITH TUBES 3/6J6, 1/6L6, 9/6AG5 AND 1/5Y3GT OPERATES FROM 115 VOLT 400 TO 2400 CYCLE. SIZE: 15 1/2 x 9 x 8; WT: 13 LBS. PRICE: USED \$18.95

OAP/CHZ-60ABN WAVEMETER-OSCILLATOR 140 TO 240 MC. R.F. VTVM CIRCUIT WITH 6E5 MAGIC EYE INDICATOR TUBE. SO-239 CONNECTORS FOR INPUT CIRCUITS, WAVEMETER, V.TVM, M OUTPUT OSCILL. OSCILL. CALIB. 50 OHM NON-INDUCTIVE LOAD. 115 VOLT 50-70 CYC SIZE: 9x15 1/2 x 10; WT: 35 LBS. PRICE: USED WITH CALIBRATION CHART \$14.95

R-134/TRC-5 1350 TO 1500 MC RECEIVER, IF FREQ. 16 MC. CONTINUOUS TUNING OVER THE RANGE. LIMITER AMPLIFIER CIRCUIT IS USED TO MAINTAIN THE OPERATING VOLUME TO THE MULTIPLEX CIRCUITS, ALARM SYSTEM FOR CARRIER FAILURE. METER IS PROVIDED FOR MEASURING THE VARIOUS CIRCUITS. WITH 6/6AC7, 5/6SL7 & 1/5U4 TUBES. OPERATES FROM 115 VOLT 60 CYCLE. SIZE: 17 1/2 x 13 x 9; WT: 60 LBS. USED \$30.00

R-48/TRC-8 RECEIVER

R-48/TRC-8 RECEIVER F.M 230 TO 250 MC. ONE BAND VARIABLE TUNING, SPEAKER PHONE JACKS, SQUELCH CIRCUIT. WITH TUBES 8/6AG7, 1/9002, 1/504, 1/6V6 1/VR-150, 1/6N7, 1/6SN7, 1/6AL7. OPERATES FROM 115 VOLT 60 CYCLE. SIZE: 20x19x16; WT: 75 LBS. PRICE: USED LESS METER \$32.95 WITH TUBES, LESS METER, LESS DIAL \$19.95

R-65/APN-9 LORAN RECEIVER INDICATOR AS USED IN AIRCRAFT AND BOATS. PROVIDES ACCURATE MEANS OF DETERMINING POSITION OF FIXED SHORE TRANSMITTING DIRECTION STATIONS WHEN OTHER MEANS ARE INEFFECTIVE. CONSISTS OF A RECEIVER OPERATING IN THE MARINE BAND WITH 3" CR TUBE INDICATOR FOR PRESENTATION OF THE RECEIVED SIGNALS. OPERATES FROM 24 VDC & 115 V 400-800 CYCLE. W/TUBES, LENSE, CRYSTAL. SIZE: 9 1/2 x 12 1/2 x 30 1/2; WT: 40 LBS. USED \$69.50

COMPASS SYSTEM



REMOTE READING MAGNESYN COMPASS SYSTEM AIRCRAFT TYPE. CONSISTS OF A MAGNESYN COMPASS THAT TRANSMITS TO A 3" INDICATOR WHICH IS CALIBRATED IN DEGREES --- N-S-E-W AND IS OPERATED BY THE 12 VOLT D.C INVERTER THAT IS SUPPLIED WITH THE SET. SHPG. WT: 15 LBS. PRICE WITH TRANSMITTER, INDICATOR, INVERTER AND MANUAL... \$32.95

BC-645/ABA TRANSCEIVER, TRANSPONDER SET USED IN AIRCRAFT FOR FRIEND OR FOE IDENTIFICATION FOR USE IN THE 460 TO 490 MC. WITH 15 TUBES 4/7F7, 4/7H7 2/7E6, 2/6F6, 2/955, 1/W316 (THOUSANDS OF THESE SETS HAVE BEEN CONVERTED TO HAM BAND 420-450, MOBILE FIXED 450-460, CITIZENS 460-470, TV EXP. 470-500) SIZE: 6 1/2 x 11 x 14; WT: 20 LBS. PRICE: UNUSED \$16.95

BC-646 CONTROL BOX FOR ABOVE. MOUNTING FOR CONTROL BX. \$1.95 MOUNTING FOR TRANSCEIVER 1.00 ANTENNA ASSEMBLIES FOR SET (2) 1.50 COMPLETE SET OF PLUGS \$4.95; INDIVIDUAL EA \$1.95

CARRIER MONITOR

WHEN COUPLED TO TRANSMISSION LINE PROVIDES DC/AUDIO CURRENT TO LOCAL OR REMOTE POSITION. TWO VACUUM CAPACITORS 3 MMFD 15 KV. ARE SUPPLIED FOR 500 TO 50M WATT TRANSMITTER 2 TO 30 MC. INPUT/OUTPUT IMPEDANCE 600 OHM LINE. OPERATES 115/230 V 60 CYC. WITH TUBES 1/6AL5, 1/6X4, 1/6J6, 1/1V103. ALSO OUTPUT JACKS ETC. OUTPUT JACKS & CONTROLS. P/N 1028017; SIZE: 6X6 1/2 X 8 1/2; WT: 15 LBS. PRICE: UNUSED \$8.95 LESS 2 VACUUM COND. \$5.95

TELEPHONE REMOTE CONTROL

TELEPHONE REMOTE CONTROL UNIT WITH HANDBET. UNIT HAS INPUTS FOR TWO MIKES AND ONE RECEIVER, WITH CONNECTION AT TERMINAL BOARD FOR KEYS. AUDIO OUTPUT 1.3 WATTS INTO 600 OHMS. MAY BE USED FOR INTERCOM. POWER REQUIREMENT 115 VOLTS 60, 25 CYC OR DC. TUBES 2/35L6, 35Z5. COMPLETE WITH SPARE PARTS 9x9x8. SPARE PARTS SET CONTAINS SPARE TUBES, CAPACITORS, RESISTORS, SWITCHES AND JACKS. INSTRUCTION MANUAL INCLUDED. SIZE: 13x12x11 1/2. WT. 55 LBS. NEW \$16.95 #CAY 23304 NEW \$16.95

T-30/TRC-8 TRANSMITTER

T-30/TRC-8 TRANSMITTER F.M 12 W. 230 TO 250 MC. CONTINUOUS TUNING, NOT CRYSTAL CONTROL, FREQ. DEV. 100 KC. OPERATES FROM 115/230 V. 50/60 CYC. USING PP-115/TRC-8 POWER SUPPLY. TRANSMITTER TUBES 3/8Z9B, 1/6H6, 2/6SN7, PP-115/TRC8 2/5U4G TUBES. TRANS. SIZE WITH POWER SUPPLY 12x20x12; WT: 80 LBS USED W/TUBES \$39.95 LESS TUBES \$24.95 TM-11-618 MANUAL FOR TRC-8 REC. & TRANS. \$3

BC-1100 TRANSMITTER 1.5-10 MC, 4 CHANNEL CRYSTAL CONTROL OR MASTER OSCILLATOR, 75 WATT CW, 50 WATT PHONE, AMPLITUDE MODULATION, PULSE DIAL OPERATION INCLUDING CHANNEL FREQ. SELECTION FROM LOCAL OR REMOTE POSITION. POWER REQ. 100-260 VOLTS 25-60 CYC FOR TRANSMITTER & REMOTE CONTROL UNIT. RM-40 REMOTE CONTROL UNIT CAN OPERATE THE TRANSMITTER FROM A REMOTE POSITION OVER STANDARD TELEPHONE LINES, BY PULSE DIAL OPERATION. TRANS. SIZE 18x40x30 1/2; 411 LBS. REMOTE UNIT 10x14x13 1/2; 50 LBS. WITH MANUAL. PRICE: UNUSED W/CARBON MIC. TUBES... \$195.00

ARC-5

COMMAND RECEIVERS—TRANSMITTERS

The COMMAND SET series of transmitters and receivers are the most popular surplus items on the market to-day.

The series consist of several units covering the frequency range of 190 KC to 9.1 MC for the receivers and 2.1 to 9.1 MC for the transmitters.

SAVE TIME & MONEY

SURPLUS CONVERSION MANUALS ARE A MUST FOR BEGINNERS AND A BIG HELP TO THE OLD HAM.

CQ SURPLUS CONVERSION MANUAL INCL UDING COMMAND SETS... PRICE:\$3.00 FOR OTHER MANUALS SEE PAGE 21

The receivers are six tube superhets using the following tubes, 1/12A6, 2/12XBY, 3/12SK7 & 1/12SR7. Designed to operate from 24 VDC dynamotor, which mounted on the rear of the set, supplying 250 VDC 60 MA. Size of set 5 x 5 x 11 WT. 6 lbs.

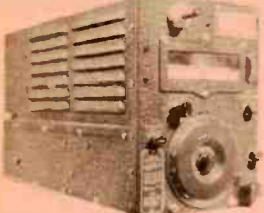


BC-453
USED
\$16.95

BC-453 190-550 KC WITH DYN. \$19.95
BC-454 3.0-6.0 MC WITH DYN. \$19.95
BC-455 6.0-9.1 " " " 14.95
ABOVE RECEIVERS GOV'T RECONDITION
R-25/ARC-5 1.5-3.0 MC NEW \$19.95
R-28/" 100-156 " USED 22.95

TRANSMITTERS

The transmitters with proper use can put out 50 watts or CW and watts on voice, with the use of the BC-456 modulator which is a separate unit. Dynamotor used with equipment is a DM-33 24 VDC input output 575 VDC 175 MA & mounts on the modulator. Tubes used 2/1625, 1/1626 & 1/1629 magic eye tube for crystal calibration Size 5 x 7 x 12 WT. 9 Lbs



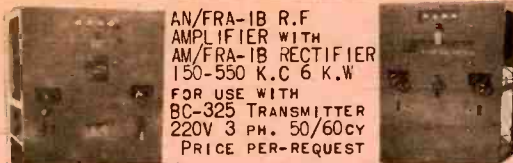
T-18/ARC 2.1 to 3.0 mc new \$12.95
used 9.95
BC-696 3.0-4.0 MC
GOV'T RE-CONDITIONED \$12.95
T-20/ARC 4.0 to 5.3 mc used 6.95
new 9.95
T-21/ARC 5.3 to 7.1 mc used 6.95
new 9.95
T-23/ARC 100 to 156 mc new 24.95
T-22/ARC-5 7-9.1 MC. UNUSED 18.95

BC-456 MODULATOR; FOR USE WITH COMMAND TRANSMITTERS WITH TUBES 1/1625, 1/12J5GT & 1/VR-150 VOLTAGE REGULATOR.
SIZE: 7x8x10; WT: 11 LBS. USED \$3.95

AC 115 VOLT 60 CYCLE POWER SUPPLY FOR COMMAND RECEIVERS WITH SPEAKER, VOLUME CONTROL, CW CONNECTOR PLUG ETC. (SEE PAGE 20) \$18.95

35x032 DYNAMOTOR 12 VOLT. \$ 4.95
DM-32 " 24 V. U. \$2.95 N 4.95
SPIN TUNING KNOB FOR REC. 1.00
CONNECTOR PLUGS F/REC-TRANS. 1.50

C-26/ARC CONTROL BOX 1 REC. UI. 50
BC-496 " 2 " NI. 95
BC-451 " 1 TRA. UI. 50
BC-473 SINGLE REC. CONTROL BOX \$2
RC-450 CONTROL BOX 3 RECEIVER 2.00



AN/FRA-1B R.F.
AMPLIFIER WITH
AM/FRA-1B RECTIFIER
150-550 K.C. 6 K.W
FOR USE WITH
BC-325 TRANSMITTER
220V 3 PH. 50/60CY
PRICE PER-REQUEST

COMMUNICATION RECEIVER



BC 348

BC-348 AIR FORCE COMMUNICATION RECEIVER: A.M. SIX (6) BANDS 200 KC. TO 500 KC. & 1.5 MC. TO 18 MC. W/CRYSTAL PHASING, ANTENNA ALIGN, BEAT OSCILLATOR AND AUDIO GAIN CONTROLS, VERNIER AND SPEED TUNING, AVC & MVC, PHONE AND SPEAKER JACKS, LARGE ILLUMINATED DIAL, WITH TUBES 1/6J7, 3/6K7, 1/6C5, 1/6K6, 1/6B8, 1/6F7. VOLTAGE REQUIRED 24 VOLTS AND 220 VDC & 70 MA. SIZE: 18x10x9 1/2; WT: 40 LBS. (PRICES LESS DYN)
PRICE: USED LESS DYNAMOTOR \$69.50
" " " OPER. CHECKED 79.50
DM-28 DYNAMOTOR USED " " 4.95
FT-154 SHOCK MOUNTING FOR RECEIVER N 2.75
AC POWER SUPPLY WITH SPEAKER 115 VOLT 18.95
PL-103Q PLUG FOR REAR OF RECEIVER 2.50



BC-620 RECEIVER TRANSMITTER F.M. 20 TO 27.9 MC. CRYSTAL CONTROL ON ANY TWO PRESELECTED FREQ. IN THE RANGE. USES FT-243 CRYSTALS, ONE SUPPLIE POWER OUTPUT APPROX. 3 WATTE WITH PHONE & MIC JACKS, (NO SPEAKER) TEST METER, VOLUME CONTROL, SELECTOR SWITCH ETC WITH TUBES 1/1LC6, 1/1LH4, 1/1LN5, 4/1R4/1294 2/3B7 & 4/3D6/1299 AND PE-97 POWER SUPPLY THAT OPERATES FROM 6 OR 12 VOLTS D.C. W/CABLE SIZE: REC. TRANS. ONLY 15x13x7; WT: 30 LBS. PE-97 POWER SUPP. 15x13x7; WT: 20 LBS. THE REC.-TRANS. IS MOUNTED ON TOP OF THE POWER SUPPLY AND IS HELD THERE WITH HASPS. PRICE: BC-620 & PE-97 RE-NEW \$19.95



BC-659 TRANSMITTER-RECEIVER F.M. 27-38.9 MC, CRYSTAL CONTROL ON TWO PRESELECTED CHANNELS IN THE FREQUENCY RANGE. SUPPLIED WITH ONE (1) FT-243 CRYSTAL, OUTPUT APPROX 3 WATTS, SELF CONTAINED SPEAKER, MIC & PHONE JACK WITH TUBES 1/1LH4, 1/1LC6, 4/1LN5, 2/1291, 4/1299-3D6, 1/1291-3B7 & ALIGNMENT & TEST METER WITH PE-117 OR PE-120 6 OR 12 VDC POWER SUPPLY SIZE: REC-TRANS. ONLY 15x13x7 WT: 30 LBS. PE-117/120 P.S. 15x13x7 WT: 20 LBS. THE REC-TRANS. IS MOUNTED ON TOP OF THE P.S AND IS FASTENED WITH HASPS SAME AS BC-620. PRICE: BC-659 AND POWER SUPPLY RE-NEW \$19.95 USED \$16.95

AN-45 TELESCOPING ANTENNA FOR MOUNTING ON REAR OF BC-620, 98 1/2" LG. NEW..... 1.95
FT-250 SHOCKMOUNTING BASE F/ BC-620 & PE-97 TO-GETHER OR SEPARATELY. 2.50
CD-509 CORD EXTENSION 8 FT. USED WHEN P.S IS TO BE USED AWAY FROM BC-620. 2.75
CS-79 BATTERY CASE SAME SIZE AS PE-97 USED WITH BC-620 WHEN DRY CELLS /USED \$1.50
TS-13 HANDSET, CARBON MIC. W/PLUGS " 4.95
T-24 MICROPHONE CARBON RE-NEW 4.95
SPARE TUBES FOR BC-620 NEW BOXED EACH .75

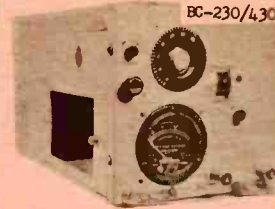


H-4/ARR-2 RECEIVER 234-258 MC DESIGNED FOR REMOTE CONTROL OPERATION, REQUIRES A MODULATED SIGNAL IN THE RANGE OF 540-830 KC AND MAY BE SET AT ANY ONE OF SIX FREQ. RECEIVER CAN BE USED FOR BEAT NOTE HOMING OR FOR VOICE RECEPTION. WITH TUBES 1/12A6, 3/6AK5, 7/9001, VOLTAGE REQ. 24 VDC & 250 VDC 60 MA. SAME SIZE AS COMMAND REC. "G" RE-COND \$7.95



MOUNTINGS-RACKS-FLEXIBLE SHAFTS
FT-234 ONE COMM. TRANS. RACK \$1.50
FT-226 TWO " " " 2.00
FT-220 THREE " " " 2.00
FT-225 ONE " MODULATOR " 1.50
MC-215 FLEX. SHAFT F/COMM REC. 6 FT. \$1.50 MORE THAN 6' 25¢ EA. X STANDARD SAR SHOCKMOUNTING RACK
FT-167 5x19-5/8" 16-56 LB. 2.75
FT-171 10x19-5/8" 16-56 LB. 3.75

TRANSMITTERS - RECEIVERS



BC-230/430



BC-229/429

BC-230/430 TRANSMITTER

Transmitter approx. 10 watts Voice and 20 watts CW in the freq range of 3000 to 7700 KC by use of plug in coils. Uses tubes 2/10Y, 2/45. Output meter 2" 0 to 1.5 RF. MO control on front panel. Voltage required approx 300 VDC for plates & 12VDC for BC-230 & 24 VDC for BC-430. Size 13"x8"x7". WT. 10 1/2 lbs.

Price with tubes, plug in coils & schematic, UNUSED \$8.95

BC-229/429 RECEIVER

Receiver TRF, uses plug in coils to cover the freq. range of 201 to 398 & 2500 to 7700 KC. Six tubes 1/37, 1/38, 4/39. Voltage required 220 VDC to 275 VDC 80 MA. & 12 VDC for BC-229 & 24VDC for BC-429. Size 16 x 8 x 7. WT 12 lbs. Price with tubes, plug in coils & schematic, used \$8.95

Control Box BC-231 F/ receiver or BC-232 F/ trans. each \$1.00
Connector plugs for rec, trans., dynamotor or boxes, " \$1.00
Schematic showing rec, trans, boxes etc. \$1.00
Tuning knob for Receiver local control \$1.00
Remote tuning head for receiver \$2.00
Remote tuning shaft for receiver, specify length \$1.50
Separate coils for receiver, specify freq. coverage \$1.75
Dual coil 201-398 & 2500-4700 or 4700-7700 each.
Separate coils for transmitter, specify freq coverage. \$1.75
2500-3200, 3200-4000, 4000-5000, 5000-6200, 6200-7700.
Mountings for Rec., Trans. Dyn., Each mounting \$1.50

TRANS BC-191 SEE PAGE 25 FOR TUNING UNITS

TRANSMITTER AM 100 Watt CW - MCW - Voice, Frequency coverage 200 - 500 KC & 1500 - 12,500 KC. by use of plug in tuning units listed below.
Tube line up 1/10Y & 4/VT-4C (211). Complete with tubes, less tuning units. Requires 12VDC for BC-191 & 24 VDC for BC-375 filaments & relay. 1000 VDC 350 MA. plates. Meters 2" for reading 0-8 RF, 0-500 MA, 40-15 DC. With schematics.



RE-NEW \$49.50
USED 34.95

DYNAMOTORS BD-77/12 VOLT; USED \$12.95
PLUGS FOR TRANSMITTER OR DYNAMOTOR; EACH PLUG \$1.00
CABLES WITH PL-61, PL-64, PL-59.... \$2.75

ANTENNA COUPLER



CU-168 ANTENNA COUPLER; PROVIDES MEANS FOR OPERATING FIVE RECEIVE FROM A SINGLE ANTENNA. THE INPL CIRCUIT TO WHICH THE ANTENNA IS CONNECTED IS DESIGNED FOR OPERATION FROM AN UNBALANCED LINE HAVING A NOMINAL IMPEDANCE OF 70 OHMS. THE OUTPUT TO THE RECEIVER IS ALSO 70 OHMS. COVERS THE FREQUENCY RANGE OF 2-32 MC. WITHOUT ANY TUNING OR ADJUSTMENT. EACH REC. COUPLING CIRCUIT HAS 4/12AU7 TUBES OF 20 TUBES IN ALL. POWER SUPPLY OPERATES FROM 115 V 50-400 CYCLE. RACK PANEL MOUNTING 19 X8 1/2, 5U4 TUBE IS USED IN P.S., UG-21 COAXIAL CONNECTORS FOR INPUT CIRCUITS. SHPG. WT; 75 LBS. WITH TUBES UG-21 COAXIAL CONNECTORS, AND MANUAL. PRICE; NEW \$29.95

MD-7 MODULATOR



MD-7/ARC-5 MODULATOR USED WITH ARC-5 AND COMMAND SERIES OF TRANSMITTERS USES 2 1625 TUBES IN PUSH-PULL. 1/12J5 AND 1/VR-105 (CAPABLE OF 40 TO 60 WATTS ON VOICE DEPENDING ON VOLTAGE USED AND APPLICATION TO TRANSMITTER.) W/TUBES SIZE: 10x6x9; WT: 12 LBS. PRICE : USED \$9.95

SCR-522 RADIO SET 100-156 MC

RECEIVER-TRANSMITTER AM, FOUR CHANNEL, CRYSTAL CONTROL, 30 WATT OUTPUT, 18 TUBES AS FOLLOWS; TRANSMITTER, 1/6SS7, 2/832, 3/12A6, 1/6G6, RECEIVER: 1/9002, 1/9003, 3/12A6, 1/12C6, 2/12AH7, 1/12H6 & 3/12SG7. BOTH UNITS CAN BE REMOVED FROM CASE SEPARATELY. OVERALL SIZE: 16 1/2 x 12 1/2 x 10-3/4" WT: 49 LBS. PRICE: USED \$29.95



RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE: USED WITH TUBES \$14.95 NO TUBES

RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED, WITH TUBES \$14.95 NO TUBES \$7.95

TRANSMITTER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED WITH TUBES \$18.95 NO TUBES \$7.95

BC-602 CHANNEL SELECTOR CONTROL BOX WITH PUSH BUTTONS. BC-602B USED \$1.95 BC-602D NEW \$2.95

NOTE: FOR THE MICROPHONE & PHONE CIRCUITS JACKS CAN BE INSTALLED IN THE BC-602

- JB-29 JUNCTION BOX NEW \$2.95
- AN-104 ANTENNA, METAL COVERED WOOD NEW 1.95
- PE-98 DYNAMOTOR 12 VOLT USED 9.95
- PE-94 " 24 " USED 4.95

PLUGS REQUIRED FOR THE EQUIPMENT

SCR-522 RECEIVER-TRANSMITTER REQUIRES THE FOLLOWING PLUGS, PL-173 TO ANTENNA, PL-169 TO DYNAMOTOR, PL-170 TO JB-29 JUNCTION BOX. \$1.50 EACH

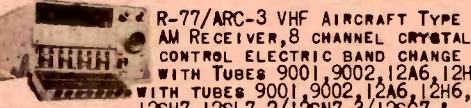
BC-602 CONTROL BOX, REQUIRES FOLLOWING PLUGS, PL-169 TO JUNCTION BOX. \$1.50 EA.

PE-98 OR PE-94 DYNAMOTOR REQUIRES FOLLOWING PLUGS, PL-172 TO BATTERY, PL-171 TO RECEIVER-TRANSMITTER. \$1.50 EA.

JB-29 JUNCTION BOX, REQUIRES THE FOLLOWING PLUGS, PL-170 TO RECEIVER-TRANSMITTER PL-169 TO BC-602 CONTROL BOX. \$1.50 EA.

RA-62 AC POWER SUPPLY FOR SCR-522, OPERATES FROM 115/230 VOLTS 60 CYCLE, SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION. SIZE: 16x11x11; WT: 75 LBS. PRICE USED \$59.50 REQUIRES PL-171 PLUG FOR HOOK-UP TO REC-TRANS PRICE \$1.50. AC LINE CORD DETACABLE TYPE \$1.00

ARC-3 100-156 MC



R-77/ARC-3 VHF AIRCRAFT TYPE AM RECEIVER, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 9001, 9002, 12A6, 12H6, 12SH7, 12SL7, 2/12SN7, 3/12SG7 & 6/6AK5. VOLTAGE REQUIRED 24 VDC & 210 VDC 125 MA. SIZE: 11x7x15. WT: 21 LBS. W/SCHEMATIC PRICE: USED \$24.95 CONNECTOR FRONT OF SET \$2.50

T-67/ARC-3 VHF AIRCRAFT TYPE TRANSMITTER AM, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE, WITH TUBES 2/832 2/6L6, 1/5J5, 3/6V6 & 1/12SH7. VOLTAGE REQUIRED 24 VDC & 410 VDC 325 MA. SIZE: 15 1/2 x 7 1/2 x 12 1/2. WT: 21 LBS. PRICE: RE-NEW WITH TUBES ... \$29.50



JB-68 JUNCTION BOX FOR ARC-3 RADIO SET USED TO MOUNT DYNAMOTORS DY-22 FOR REC & DY-21 FOR TRANS. ALSO HAS CONNECTOR PLUGS TO HOOK UP REC, TRANS, CONTROL BOX & POWER, & RELAYS. SIZE: 10 1/2 x 3 1/2 x 8 1/2. WT: 7 LBS. PRICE USED ... \$7.95

CONNECTOR PLUG FOR EACH FACILITY \$2.50 EACH
C-118/ARC-3 CONTROL BOX FOR RECEIVER AND TRANSMITTER. HAS EIGHT PUSH BUTTONS FOR CHANNEL SELECTION AND ONE FOR OFF. SIZE: 6x3x7 WT: 2 LBS. PRICE: \$4.95 CONNECTOR PLUG U-16/U 2.50

IE-36 TEST SET FOR SCR-522 REPRODUCES THE OPERATING FUNCTIONS OF THE CONTROL BOX & JACK BOXES OF THE RADIO BY PROVIDING HEADPHONE & MICROPHONE, CHANNEL SELECTION PLUS ALL OTHER CONTROLS NECESSARY TO OPERATION AND TESTING. CONTROL UNIT BC-1303 PLUGS DIRECTLY INTO THE SCR-522 ALSO HAS PHANTOM ANTENNA & CORD, LAMP EXTRACTOR, ADAPTER PHONE CORD, INSTRUCTION BOOK AND CARRYING CASE, 10x10x4; WT: 8 LBS. PRICE: NEW \$6.95

SCR-522 CABLES WITH PLUG ON ONE END AND LUG TERMINALS ON THE OTHER. EACH CABLE \$2.95
CX-58/VRC-1 PLQ-170 PLUG & LUGS, 36" LONG.
CX-60/VRC-1 PL-169 " " " 36" "
CX-62/VRC-1 PL-172 " " " 66" "

TRANSCEIVER

BC-745 AM TRANSMITTER-RECEIVER COVERING THE FREQ. RANGE OF 2-6 MC PHONE, WITH A RANGE OF FIVE MILES UNDER FAVORABLE CONDITIONS. CRYSTAL CONTROL ON TWO PRESELECTED FREQ. BY USE OF PLUG IN COIL & CRYSTAL ASSY. BC-746. THE SET SIZE IS 6x6x6 AND IS MOUNTED ON A 32" STAFF AND HOUSES THE TELESCOPING ANTENNA WHEN NOT IN USE. COMPLETE WITH TUBES, 1/1S5, 3/1T4 & 5/3S4 & ONE PLUG IN FREQ. ASSY. VOLTAGE REQUIRED 1.5 VDC/5 A, 67.5 VDC/20 MA & 105-125 VDC/50 MA. WT: 10 LB PRICE: USED \$6.95 UNUSED \$9.95



BC-746 PLUG IN COILS & CRYSTAL ASSEMBLIES CHANNEL #1 3010 Kc CHANNEL #2 5030 Kc CHANNEL #5 5500 Kc CHANNEL #13 5305 Kc ONE OF THE ABOVE SUPPLIED WITH PURCHASE OF SET, ADDITIONAL UNITS \$1.00 EA.

T-39 CHEST UNIT THAT WAS USED TO CARRY DRY CELL BATTERIES, ALSO HAS MICROPHONE, PHONE JACK AND NECESSARY CABLE FOR CONNECTING TO RADIO SET. PRICE: USED \$1.95 UNUSED \$3.95

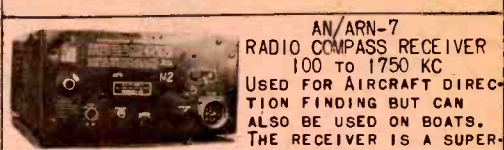
PE-157 VIBRATOR POWER SUPPLY; OPERATES FROM 2 VOLT WET BATTERY BB-54 WHICH IS INSTALLED INSIDE THE CASE THAT SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION OF THE RADIO SET ALSO HAS 4" PM SPEAKER, CARRYING HANDLE AND CABLE FOR CONNECTING TO SET. SIZE: 11 1/2 x 5 1/2 x 8 1/2 WT 17 PRICE: USED \$4.95 UNUSED \$6.95

AUTOMATIC KEYS

KY-65/ARA-26 AUTOMATIC KEYS MOTOR OPERATED 24 VDC, SOS CODE WHEEL AND EXTRA WHEEL FOR ADDING ADDITIONAL CODE, ADJUSTABLE 5-30 SEC. 3/24 VDC RELAYS GEAR TRAIN RES. ETC. SIZE 6 1/2 x 3 1/2 x 4; WT: 4 LBS. \$3.95 CONNECTOR PLUGS 3 REQ. 1.50 EACH.



COMPASS RECEIVER



AN/ARN-7 RADIO COMPASS RECEIVER 100 TO 1750 KC USED FOR AIRCRAFT DIRECTION FINDING BUT CAN ALSO BE USED ON BOATS. THE RECEIVER IS A SUPERHETERODYNE WITH ADDITIONAL CIRCUITS FOR OPERATION OF THE AURAL RECEPTION AS SHOWN ON THE INDICATORS. COVERS THE FREQUENCY RANGE OF 100 TO 1750 KC IN FOUR BANDS CONTINUOUS TUNING FROM CONTROL BOX WHICH IS A SEPARATE UNIT. UNIT OPERATES FROM 115 VOLT 400 CYC & 24 VDC AND IS COMPLETE WITH TUBES 4/6K7, 1/6L7, 1/6J5, 2/6B8, 2/6F6, 1/6N7, 1/5Z4, 1/6SC7 & 2/2051. SIZE: 12x8x19; WT 45 LBS.

R-5/ARN-7 RECEIVER ONLY, USED \$18.95
ITEMS LISTED BELOW ARE REQUIRED FOR ADF OPER.

- C-4/ARN-7 CONTROL BOX USED \$3.95 NEW \$5.95
- I-8/INDICATOR 3" USED \$3.95 RENEW 4.95
- I-82A " 5" USED 7.95
- LP-21 AM LOOP ANTENNA " 9.95
- FT-224 MOUNTING F/C-4CB " 1.50
- MG-149F INVERTER " 24.95
- MC-203 SHAFT COUPLING "T" " 1.00
- MC-136 SHAFT " RT/ANGLE " 2.50
- BK-22 RELAY JUNCTION BOX " 2.95
- MC-124 FLEXIBLE SHAFT 2 FT. 1.50
- CD-365 CABLE FOR LOOP 5 FT. 2.75
- PL-122 CONNECTOR PLUG FOR RECEIVER 2.50
- PL-112 " " " LOOP 2.50
- PL-118 " " " 1-81 OR 1-82 2.50

TRANSMITTER

GO-9 NAVY TRANSMITTER 100 WATT CW, MCW & PHONE, 300-600 Kc & 3.0 TO 18.1 MC. WITH TUBES 2/837, 1/843, 1/801, 2/803, 1/807, 2/1616 & 1/523, UNIT IS MADE IN THREE SECTIONS WITH THE LOW FREQ. SEC. TO THE LEFT, HIGH FREQ. TO THE RIGHT & POWER SUPPLY THAT OPERATES FROM 115 V 800 CYCLE IN THE CENTER. VOLTAGE ALSO REQ. 12 OR 24 V.D.C. SEVEN METERS, 0-9 RF & 0-100 MA IN LOW SEC. 0-9 RF, 0-100 MA & 0-15 V IN HIGH SEC. & 0-15 V. & 0-300 MA IN P.S. SEC. (CONVERSION INFORMATION FOR 115 V. 60 CYCLE CAN BE FOUND IN SURPLUS RADIO CONVERSION MANUAL #2 PRICE \$3.50) SIZE: 28x33x16; WT: 125 LBS. RE-NEW \$69.50

MN-40 INDICATOR CONTROL BOXES 0-360 DEGREE MN-28C/MN-26C SCALE 5" WITH MN-28LB/MN-26LB VAR. ADJUSTMENT. USED \$3.95 EA. SAME AS I-82 CONNECTOR PLUGS INDICATOR ONLY RECEIVER \$2.50 OPERATES MECHANICALLY CONTROL BX 2.50 LY INSTEAD ELECT FLEXIBLE SHAFT 20" \$1.50 BY USE OF SPLINED CONNECTORS 5 1/2" \$2.8 \$3.00 AS USED ON MC-124 SHAFT.

RADIO COMPASS

RA 101A/ARN-6 RADIO COMPASS WITH A FREQUENCY RANGE OF 100-1750 KC IN FOUR BANDS. COMPLETE WITH TUBES 6/12SK7; 4/12SX7; 1/12SY7; 1/12SN7 2/26A7; 2/2050. OPERATES FROM 26.5VDC. WT. 35LBS. SIZE: 11 1/2 x 7 1/2 x 15 1/2 PRICE: \$39.50

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS. OPERATES FROM 26 VOLTS 400 CYC. SIZE: 10x11x5 WT. 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95 MANUAL FOR RA 101A/ARN-6 ... \$5.00

ID-91 B/ARN-6 INDICATOR 0-360 DEG. 3 1/2" DIA. INDICATOR FOR ARN-6 RADIO COMPASS SYSTEM \$8.95

C-149 A/ARN-6 CONTROL BOX BOX CONTAINS THE FOLLOWING CONTROLS. OFF-COMP.-ANT.-LOOP; FUNCTION SWITCH, TUNING METER, LOOP L-R SWITCH, LIGHT CONTROL, DIAL BAND SWITCH, CONTROL SWITCH, TUNING CRANK, AUDIO CONTROL, CW- VOICE SWITCH. \$8.95

BC-733 RECEIVER 108.3-110.3 MC AM

AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-POINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY. OPERATES ON SIX CRYSTAL CONTROL PRESET FREQ. COMPLETE WITH TEN TUBES: 1/12AH7, 2/12SG7, 3/717, 2/12SR7, 1/12SQ7 & 1/12A6. VOLTAGE REQUIRED; 24 VDC & 220 VDC 80 MA. WITH SCHEMATIC. SIZE: 13 1/2 x 5 1/2 x 17 LBS. PRICE: USED \$5.95 UNUSED \$7.95

I-101C CROSS POINT INDICATOR, USED \$1.95 PL-257 PLUG TO FIT I-101C 1.50

BC-732 CONTROL BOX USED \$1.95 NEW \$2.95 CABLE WITH PL-254 TO FIT BC-733 REC. AND PL-256 PLUG TO FIT BC-732 CONTROL BOX 3 FT. PRICE: \$4.95 PLUGS ONLY 1.50


DM-53 DYNAMOTOR 24 VOLT USED \$4.95 NEW \$6.95 DM-53 AZ " 12 " NEW 7.95 AS-27 RAMS HORN ANTENNA \$5.95 PL-284 TWIN COAX PLUG F/BC-733-AS-27 \$1.00

ATD TRANSMITTER

NAVY ATD TRANSMITTER 540 Kc TO 9050 Kc 50 WATT VOICE-MCW-CW, AM WITH TUBES 1/814, 4/6L6GA & VOLTAGE REGULATOR, THREE 2 1/2" METERS FOR RF, MA & VOLTS, 24 VOLT DYNAMOTOR

OUTPUT 1000 VDC 150 MA, 380 VDC 400 MA & 28VDC 5 AMPS. PLUG-IN TUNING UNITS SUPPLIED WITH SET 1/540-1500, 1/1500-3000 & 2/3000-9050 Kc. FOUR CHANNEL SELECTION FROM SET OR REMOTE. LOCAL OR REMOTE CONTROL, MIC, PHONE & KEY JACK COMPLETE WITH DYNAMOTOR, REMOTE CONTROL UNIT, ANTENNA LEADING UNIT & PLUGS. SIZE: 24 1/2 x 10 1/2 x 13 1/2; WT: 70 LBS. (TRANS) TOT. 135 LB PRICE: UNUSED \$69.95

Headsets Telephone Equipment Microphones Handsets




HS-33 HEADSET
NEWLY MANUF.
HEADBAND & 4 1/2 FT.
CORD WITH PL-55
TYPE PLUG. AIR
FORCE GREY. 600
OHM IMPED. WITH
LARGE SPONGE RUBBER
CUSHIONS \$7.95
W/ RUBBER CUSHIONS
\$6.95

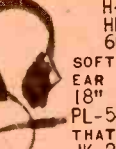


**HB-7
HEADBAND ONLY**
WITH 4 1/2 FT.
CORD AND PL-55
TYPE PLUG. AIR
FORCE GREY.
\$3.00

LARGE SPONGE
RUBBER CUSHIONS
\$1.50
RUBBER CUSHIONS
\$1.00



**HS-23 HEAD-
SET NEWLY**
MANUF. W/4 1/2
FT. CORD &
PL-55 TYPE
PLUG. AIR
FORCE GREY. 2000
OHM IMPED. WITH
LARGE SPONGE
RUBBER CUSHIONS
\$6.95
RUBBER CUSHIONS
\$5.95



**H-113/U
HEADSET**
600 OHM
SOFT PLASTIC
EAR CUSHIONS
18" CORD W/
PL-54 PLUG
THAT FITS
JK-26 JACK
(SEE CD-307
EXTENSION CORD ELSE-
WHERE ON THIS PAGE)
WT: 3LBS. USED-EX \$3.95

**H-62 HEADSET SAME AS
H-113/U ONLY IN BLACK
AND HAS PROVISIONS FOR
SNAPING ON LIP MICRO-
PHONE CW-51071 LISTED
BELOW. USED-EX. \$3.95**


CW-51071 LIP MICROPHONE
100 OHMS IMPEDANCE W/
2 SNAPS FOR FASTENING
TO H-62 HEADSET, 14"
CORD W/ PL-291 PLUG
INTO EXTENSION CORD
CD-318 LISTED ON THIS
PAGE OR CW-49561 EXTEN-
SION CORD LISTED BELOW
USED \$1.00



**TELEX MRB-12
HEADSET 50-
10K CYC. CRY
STAL TYPE.**

**MICROPHONE ON
ADJUSTABLE
BOOM, CERAMIC
50-9000 CPS. FIVE FOOT
CORDS WITH PL-55 ON EA.
RE-MOVEABLE RUBBER CUS-
HIONS FOR CLEANING.
BOOM MIC & HEADSET
50,000 OHM... USED \$8.95
4,000 " USED 9.95**


**LAFAYETTE MICRO-
PHONE. HIGH OUT
PUT CERAMIC MIC.
PUSH TO TALK SW.
PLASTIC CASE,
COILED CORD,
5 PRONG
AMPHEOL
PLUG.
UNUSED \$5.95 SHURE #CA9R**



**ACOUSTICON CORD-
LESS MICROPHONE
AND AMPLIFIER
HEARING AID, HEAD
BAND TYPE ASSEMBL
CONSISTS 1/2" MIC.
AND 3 TUBE AMPLI-
FIER WITH VOLUME
CONTROL AND BATTERY
COMPARTMENT
MOUNTED IN A
LIGHTWEIGHT HEADBAND. USES MERCURY
BATTERY RM-1H & MINI-MAX 15 V.
504E EVEREADY. PRICED WITH TUBES,
LESS BATTERIES AND PHONE UNIT.
#A200 NEW: \$2.95**




HS-30 HEADSET
250 OHM IMPEDANCE
HEARING AID TYPE
EAR PGS. FIT IN-
SIDE EAR. LIGHT-
WEIGHT HEADBAND,
CORD 9" LG. WITH
SPADE LUGS.
(SEE CD-604 CORD)
RE-NEW \$1.50
USED \$1.00

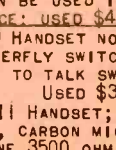


**TELEPHONE TRANSMI-
TTER CHEST SET ;
150 OHM IMPEDANCE
TRIANGULAR SHAPED
BREASTPLATE, HORN
MOUTHPIECE TYPE #
A-1. NO STRAPS.
WESTERN ELECTRIC
#396A \$1.50**

CW-49561 EXTENSION CORD
FOR LIP MIC. CW-49561,
T-45, T-30, MI/A OR ANY
OTHER CORD WITH MATING
PLUG PL-48/291. HAS PL-
68 MIC. PLUG AND IS 5 FT.
WITH MOMENTARY SWITCH.
UNUSED \$1.50



**MI/A CARBON
MICROPHONE**
75 OHM IMPE-
DANCE, FITS
OVER MOUTH
TO ELIMINATE NOISE, HELD
IN PLACE BY STRAPS, FREQ
RESPONSE 400-3200 CPS.
1 1/2" INCH CORD WITH PL-
291 PLUG TO FIT CD-318
OR CW-49561 EXTENSION
CORDS DESCRIBED ON THIS
PAGE. NEW \$2.50




SPACE HELMET HEADSET
600 OHM, MICROPHONE
100 OHM, PADDED
FRAME. USED \$3.95

RS-38 MICROPHONE
100 OHM CARBON, PRESS
TO TALK SWITCH, 5'
CORD, PL-68 PLUG.
(CAN BE USED INSTEAD T-17)
PRICE: USED \$4.95 UNUSED \$6.95

**TS-9 HANDSET NO PLUGS WITH
BUTTERFLY SWITCH &
PUSH TO TALK SWITCH & LUGS
USED \$3.95**


**TS-11 HANDSET; 4 COND-CORD,
5 1/2', CARBON MIC 50 OHM,
PHONE 3500 OHM, W/PL-106
PLUG. NEW \$4.95**



**T-45
LIP
MIC**

**H-144/U HANDSET CAN BE
USED FOR HEADSET WITH
BOOM BY ADDING
WIRE HEADBAND.
PHONE 300 OHM
MICROP. 40 "**


**MOMENTARY & HOLD SWITCH
U77/U CONNECTOR, 6 FT.
CORD. USED \$ 7.95**



**T-30
THROAT
MIC.**

Elements
only
\$1.00
a dozen

TELEGRAPH SET



**TG-5 TELEGRAPH SET; PORT-
ABLE UNIT USED FOR CODE
COMMUNICATION OVER LAND
WIRE LINES. TWO OR MORE
UNITS CAN BE OPERATED IN
SERIES. CAN BE USED FOR
CODE PRACTICE OR TEACHING
CONTAINS BELL CALL SYSTEM
1000 CYCLE TONE HOWLER,
TEL. KEY, HEADPIECE,
CANVAS CASE, BOOK ETC. REQUIRES 22.5 AND 2
1.5 VOLT BATTERIES FOR OPERATION. LESS BAT-
SIZE: 5 1/2 x 10 x 5 1/2; WT: 8 LBS. PRICE: NEW \$9.95**




T-17 MICROPHONE
CARBON HAND
TYPE WITH
PUSH TO TALK
RE-COND.
\$9.95

**SOUND
POWERED
HANDSET
WITH COILED
CORD 1-4'
STK #0173012
NEW \$7.95**


TS-13 HANDSET
CARBON MIC.
50 OHM, PHONE
ELEMENT 3500,
1 1/2" CORD PL-68
& PL-55. BUTTER
FLY SWITCH.
USED \$4.95

**RUBBER COVE-
RED AS ILL-
USTRA \$1.50
CAST ALUMIN
UM \$2.00**


T-45 MICROPHONE
CARBON TYPE 100OHM
50DB BELOW 1 MILL-
VOLT, FLAT RESPONDS
WITH PL-291 2 CONT
MALE PLUG, 11" CORD
USED 75¢



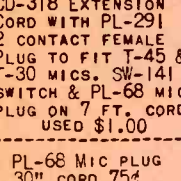
**CD-307 CORD EXTEN-
SION FOR CORDS WITH
PL-54 PLUG AS USED
ON HEADSETS, 65" LG
WITH JK-26 JACK &
PL-55 PLUG.
USED \$1.00**



T-30 MICROPHONE
CARBON TYPE, 75 OHM
50DB BELOW 1 MILL-
IVOLT, FLAT RESPONDS
WITH PL-291 2 CONT
MALE PLUG, 11" CORD
PRICE: USED 3/81
UNUSED \$1.00



**CD-318 EXTENSION
CORD WITH PL-291
2 CONTACT FEMALE
PLUG TO FIT T-45 &
T-30 MICS. SW-141
SWITCH & PL-68 MIC
PLUG ON 7 FT. CORD
USED \$1.00**



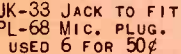
**CD-604 CORD WITH
IMPEDANCE MATCHING
TRANSFORMER 500OHM
TO 4000, USED WITH
HS-30 HEADSET, 6"
CORD & PL-54 PLUG.
NEW 50¢ USED 25¢**



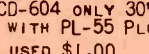
**MC-29
MICROP
HONEY
CARBON
100 OHM
CORD W/UG
77 PLUG.
U. \$3.95**



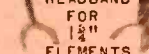
PL-68 MIC PLUG
30" CORD 75¢



**CD-605 CORD SAME
AS CD-604 ONLY 30"
LG. WITH PL-55 PLG
USED \$1.00**



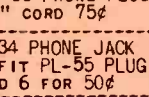
HB-1
\$1.00
HEADBAND
FOR
1 1/2"
ELEMENTS



**COILED
CORD SET**




**CD-605 CORD SAME
AS CD-604 ONLY 30"
LG. WITH PL-55 PLG
USED \$1.00**



**WITH 8000 OHM ELE-
MENTS & CORD. \$2.95**

**SOUND
POWERED
HEADPHONE
IN PLASTIC
CASE, NO
CORD.
#R5017 USED \$1.50**



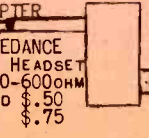
COILED CORD SETS

THREE CONDUCTOR
24" TO 72" 75¢
12" TO 36" 50¢

FOUR CONDUCTOR
12" TO 36" \$1.00

ONE CONDUCTOR
#18 6 FT.-18 FT.
\$1.00

**MC-385
HIGH to LOW
ADAPTER**

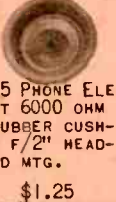


IMPEDANCE
FOR HEADSET
4000-600OHM
USED \$.50
NEW \$.75

**HEADSET
EARPHONE
CUSHIONS**
SPONGE
RUBBER FOR
2 1/2" ELEMENTS.
#48514 \$1.00 PAIR




**R-15 PHONE ELE-
MENT 6000 OHM
W/RUBBER CUSH-
ION F/2" HEAD-
BAND MTG.**



\$1.25

**PHONE ELEMENT
F/TS-9K HANDSET
250 OHM, 2 1/2" DIA
W/ CLIPS.
K.S #838**



\$1.00

**CANADIAN PHONE
ELEMENT 100 OHM
1 1/2" DIA. FOR
2" HEADBAND.
#C-3 10A/36988**



\$.75

**PHONE ELEMENT
F/TS-13, H-23 ET
HANDSET, TYPE 41
3500 OHM. AUTO.
ELEC. D-5189A**



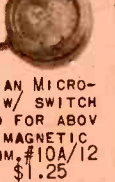
\$1.00

**CANADIAN
LIGHTWEIGHT
HANDSET
NO CORD
PHONE 300 O
MIC. 50 OHM
#ITE NO1
MK-11
YA-7225**



6 oz. \$3.95

**CANADIAN MICRO-
PHONE W/ SWITCH
& CORD FOR ABOVE
PHONE, MAGNETIC
300 OHM, #10A/12
57L \$1.25**

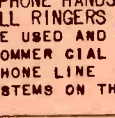


**STANDARD TYPE
TELEPHONE HANDSET
& BELL RINGERS
CAN BE USED AND
ANY COMMERCIAL
TELEPHONE LINE OR
OR SYSTEMS ON THIS
PAGE.**



PRICE: \$6.95
EX-CONDITION

**EXCEL
COND**



\$2.50

**STANDARD
TELEPHONE
HANDSET & CORD**



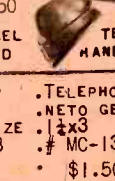
PRICE: \$4.95
EX-CONDITION

**DIAL
ONLY
\$1.95
USED**



\$.50

**TELEPHONE BELL FOR MAG-
NETO GENERATORS
1 1/2 x 3
MC-131
\$1.50**



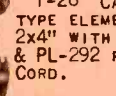
**HANDSET HOLDER FOR
HORIZONTAL
MOUNTING, SIZE
1 1/2 x 3 1/2 #6988
\$.50**



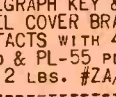
T-24/M CARBON MICROPHONE
WITH PUSH TO TALK
BUTTON AND
MODIFIED WITH
4 FT. COILED
CORD & PL-68
PLUG. WT: 1/2 LB. PRICE: NEW \$4.95




**T-26 CARBON MICROPHONE F-1
TYPE ELEMENT MOUNTED ON PLATE
2x4" WITH 4" ADJUSTABLE BOOM
& PL-292 PLUG TO FIT CD-318
CORD. PRICE: \$1.50**



**TELEGRAPH KEY & PLUG
STEEL COVER BRASS
CONTACTS WITH 4 FOOT
CORD & PL-55 PLUG.
WT: 2 LBS. #ZA/CAN 2320 \$1.50**



**PL-55 JACK TO PL-55
PLUG, 3 FOOT CORD W/
RECEPTACLE FOR PL-55
PLUG, EXTENSION FOR
2 CIRCUIT PHONE HEADSET OR CORD.
#R16-G34820 NEW \$1.00**



**TELEPHONE EXTENSION
CORD WITH PLUGS.
25 FT. W/4 PRONG
MALE & FEMALE CON-
NECTIONS. \$2.75**



WALL & CORD PLUGS TO FIT, EA \$1.25

**PUSH BUTTON & CALL
SIGNAL LIGHT SAME
SIZE AS TELEPHONE
DIAL.
MAKE OWN
INTERCOM.
\$.39 EA.
\$3/1.00**



**TELEPHONE BELLS
USE AS EXTENSION
IN SHOP
ETC.
2 LB.
4x4x1
#483661A
\$1.50**

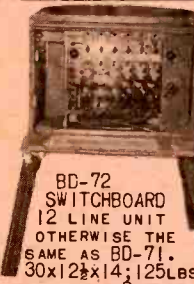


TELEPHONE EQUIPMENT



EE-8 FIELD TELEPHONE, PORTABLE HAND RINGING TYPE. CAN BE USED WITH ANY MAGNETO TYPE SYSTEM SWITCHBOARD AS BD-71, 72, 89, 91, 96 ETC. OPERATES FROM 2 FLASHLIGHT BATTERY UP 17 MILES, TWO OR MORE PHONES CAN BE OPERATED ON TWO WIRE LINE. WITH CARRYING CASE, STRAP & HANDSET.

SIZE: 8x10x3 1/2; WT: 18 LBS. USED CHECKED LESS BATT. \$14.95



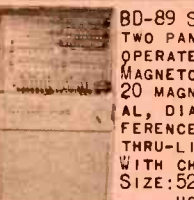
BD-71 SWITCHBOARD, PORTABLE 6 LINE HAND RINGING MAGNETO TYPE USING FLASHLIGHT BATTERIES FOR OPERATION. REPEATING COILS ON TWO LINES FOR SIMPLEXING, DROP SIGNAL AND NIGHT CALL BELL CAN BE USED WITH ANY MAGNETO TYPE TELEPHONES SUCH AS EE-8, RM-29, BD-72, 89, 91, 96 ETC. IDEAL FOR FACTORY, CAMP, FARM, MOTEL.. WITH CHESTSET MICROPHONE & HEADSET. LESS BATTERIES

BD-72 SWITCHBOARD

12 LINE UNIT OTHERWISE THE SAME AS BD-71. 30x12 1/2 x 14; 125 LBS.

USED \$18.95 RE-NEW \$24.95

SIZE: 18x12 1/2 x 14; WT: 75 LBS. USED \$9.95 RE-NEW \$14.95



BD-89 SWITCHBOARD, SINGLE POSITION, TWO PANEL NON-MULTIPLE, MANUALLY OPERATED TELEPHONE SWITCHBOARD. MAGNETO & COMMON BATTERY LINES. 20 MAGNETO, 40 CB, 4 TWO WAY MANUAL, DIAL DROP END TRUNK CKT., 5 CONFERENCE JACKS, 3 OUTGOING CKT., 2 THRU-LINE & 13 UNIVERSAL CORD CKT. WITH CHEST MICROPHONE & HEADSET. SIZE: 52x22x3 1/2; WT: 300 LBS. USED \$59.50

WD-1/TT INFANTRY FIELD WIRE; 2 COND. TWISTED PAIR 4 TINNED COPPER, 3 GALV. STEEL, NYLON JACKET WEATHER MOISTURE & FUNGUS RESIS. APPROX. 1200 FT. ON METAL SPOOL \$15.00; APPROX 1 MILE ON METAL SPOOL 4 LENGTH OF APPROX 1250 FT. \$40.00; COND. USED GOOD

WD-7 COPPER WELD FIELD TELEPHONE WIRE; 2 COND. TWISTED PAIR EACH COND. 7 STRAND #28 COPPER WELD. NEW MANUFACTURE. \$.03 PER FT. 1000 FT. OR MORE \$.025 PER FOOT.



BD-95 SWITCHBOARD: CORDLESS LOCAL BATTERY UNIT EQUIPPED WITH LINE LAMP SUPERVISION AND DESIGNED FOR SWITCHING LOCAL BATTERY LINES MAGNETO TYPE, MAY BE MODIFIED FOR COMMON BATTERY LINES ALSO CAN BE USED WITH OTHER TRUNK, TIE LINE LOCAL BATTERY SWITCHBOARDS. RE-NEW \$24.95



MX-333/GG TAPE PULLER USED WITH CODE PRACTICE TO REEL 3/8" PAPER TAPE AS THE TAPE IS PASSED THROUGH THE RECORDER; HAS CONSTANT SPEED 110 VOLT 60 CYCLE INDUCTION MOTOR WITH VARIABLE SPEED FRICTION DRIVE ARRANGEMENT. UNIT COMES IN A WOOD CARRYING BOX 10x10x15 WITH A CARRYING HANDLE. WT: 27 LBS. PRICE, RE-NEW \$12.95



TG-10 KEYSER IS A AUTOMATIC UNIT FOR PROVIDING AUDIBLE CODE PRACTICE SIGNALS FROM AN INKED TAPE RECORDING. THE OUTPUT OF THE KEYSER IS AN AUDIO FREQ. NOTE OF 800 CYCLES PER SEC. WITH SUFFICIENT POWER TO SUPPLY A NUMBER OF HEADSETS OR PRACTICE TABLES DIRECT CAN ALSO BE USED AS A TELEGRAPH KEY AMPLIFIER OR TAPE PULLER FOR A RECORDER. OPERATES FROM 115 VOLT 60 CYCLE. COMPLETE WITH TUBES; 2/6N7, 2/6L6, 2/6SJ7, 1/5U4 & 1/923. SIZE: 24x11x18 1/2; WT: 63 LBS. PRICE: USED CHECKED \$19.95 NOT CHECKED \$14.95

PRICE: \$12.95 USED



VO-3 OSCILLATOR IS AN ELECT-AUDIO TONE GENERATOR WITH A 10 WATTS OF POWER OUTPUT AT A FREQ. OF 800 CYCLES PER SEC. COND. THIS POWER IS ADEQUATE FOR SUPPLYING TONE TO 200 HEAD SETS THAT CAN BE KEYED BY THE INSTRUCTOR OR STUDENTS AND FEED INTO A SPEAKER OR RECORDER. OPERATES FROM 115 VOLT 60 CYCLE, COMPLETE WITH TUBES 1/6SN7, 1/5U4 & 2/6V6GT, OUTPUT 4, 8, 12 & 16 OHMS. SIZE: 12 1/2 x 10 1/2 x 7 1/2; WT: 24 LBS.

GAS ENGINE GENERATOR



COMPACT, LIGHTWEIGHT, PORTABLE ELECTRIC GENERATING SET CONSISTING OF A 1 HP, 3000 RPM 1 CYLINDER, AIR COOLED, 2 CYCLE, MANUAL ROPE STARTING GASOLINE ENGINE DIRECTLY CONNECTED TO A DC, SHUNT WOUND, SELF EXCITED, FOUR POLE GENERATOR CONTAINED IN A FRAME OF TUBULAR CONSTRUCTION MOUNTED ON A RUBBER SHOCK MOUNTING. GENERATOR OUTPUT IS 6.2/7 VDC 3.5 AMP. AND 500 VDC 230/250 MA. UNIT HAS JUNCTION BOX FOR CONNECTING CABLES FOR USE WITH USE WITH RADIO SETS SCR-694/BC-1306, AN/GRC-9/RT-77 AND IS APPLICABLE TO OTHER EQUIPMENT. COMPLETE WITH TOOL AND INSTRUCTION BOOK. SIZE: 17 1/2 x 16 1/2 x 11; WT: 57 1/2 SHPG. WT: 125 LBS. NEW \$39.95



R-438C/ARW-26AY DRONE RECEIVER FREQUENCY RANGE 57 TO 76 MC WITH CHOICE OF FIVE DIFFERENT TONE CIRCUITS THAT OPERATE 5 SERVO CIRCUITS WHICH ARE CONTROLLED BY MICRO RELAYS IN INDIVIDUAL LC CIRCUITS. TONE FREQ. 300, 650, 955, 1390 & 1250 KC. COMPLETE WITH TUBES 1/12AU7, 2/6AK6, 1/0A2, 28 VDC VIBRATOR SUPPLY. PHOTO SHOWS SEALED COVER RE-MOVED. SIZE: 5 1/2 x 8; WT: 8 LB. NEW \$9.95



CN-359/GPA-23 REGULATOR VOLTAGE. 120/208 VOLTS 60 CYCLE, 3 PHASE, 27 KVA. MOTOR DRIVEN POWERSTAT ELECTRONICALLY CONTROLLED. THREE SEPARATE SYSTEMS THAT WILL GIVE CONTROL, 3 PHASE IN, 3 PHASE OUT OR 3 PHASE IN, SINGLE PHASE OUT OR CAN BE DISMANTLED AND HAVE THREE SEPARATE SINGLE PHASE IN AND SINGLE PHASE OUT. CONSISTS OF 3 MOTORIZED POWERSTAT TRANSFORMERS 3 LOW VOLTAGE TRANS. 3 ELECTRONIC CONTROL CHAS. SRS, SWITCHES, FUSES, METER ETC. USED CHECKED SIZE: 27x31x26; WT. SHPG. 420 LB. \$175.00

COMPUTER CONTROL

CP-53/APC-31 COMPUTER AZIMUTH CONTROL UNIT. CONTAINS A GYRO UNIT, 5 SYNCHRO 1 1/2" TYPE 400 CYCLE, 2 SPERRY DC SERVO MOTORS R5663916, RELAYS, TERMINAL STRIPS, SEVERAL SIZES OF GEARS, RESISTORS, CONDENSERS, TWO SERVO AMPLIFIERS # 673097 (PLUG IN TYPE) WITH 6 TUBES, AND HEATING ELEMENT. ALSO 115 V. 400 CYC. 1 1/2" ELAPSED TIME INDICATOR. SIZE: 11x9x15 1/2; WT: 18 LB. \$7.95



BC-653 TRANS.

BC-653 TRANSMITTER 2-4.5 MC, 50 WATT VOICE, 100 WATT CW. RANGE 25 TO 50 MILES DEPENDING ON CONDITIONS.



MASTER OSCILLATOR CONTROL, FOUR PRESET CHANNEL SEVEN TUBES; 2/814, 807, 2/1613, 2/VR-105. TWO 2 1/2" METERS FOR READING FILAMENT AND PLATE VOLTAGES, AND CURRENT, AND OUTPUT METER. VOLTAGES REQUIRED: 12 VDC, 1000 VDC 220MA, 500 VDC 185MA. SIZE: 26x14x12; WT. 140 LBS. \$29.95

DM-42 DYNAMOTOR 12v USED \$4.95
FT-253 MOUNTING BASE TO HOLD RECEIVER AND TRANSMITTER. USED \$3.95
34x12x3 . WT. 30 LBS. UNUSED 5.95



RT-7/APN-1 RADIO AIRCRAFT ALTIMETER RECEIVER-TRANSMITTER FM 418-462 MC. INDICATES ON INSTRUMENTS ID-14 /APN-1 & SA-1/ARN-1 SHOWN ELSE WHERE IN THIS CATALOG. WITH TUBES 3/12SJ7, 4/12 SH7, 2/12H6, 2/955, 2/9004 & 1/VR-105 ALSO 24VDC DYNAMOTOR THAT SUPPLIES THE HIGH VOLTAGE. SIZE: 8x11 1/2 x 8 1/2; WT: 25 LBS. PRICE: USED \$6.95
MT-14 MOUNTING FOR RT-7/APN-1 \$2.75
ID-14 /APN-1 RADIO ALTIMETER \$1.50
SA-1/ARN-1 ALTIMETER LIMIT SWITCH \$1.50
AT-4/APN D1-POLE ANTENNA USED CRACKED IN2.95
CONNECTOR PLUGS TO FIT R/T-IND-METER EA. 1.50

U.H.F. TUNERS

ULTRA HIGH FREQUENCY ASSY. TUNING UNIT USING 2C39 TUBE AS DRIVER AND A 2C39 AS A POWER AMPLIFIER, FREQ. OUTPUT 225-350 MC. 6F4 TUBE USED AS OSCILLATOR 112-175 AND 6F4 DOUBLER CIRCUIT. TUNED CIRCUITS ARE GANGED FOR SINGLE KNOB CONTROL ALSO HAS HAYDON 4.5 V. 75 MA. 12 RPM TIMER MOTOR. REMOVED FROM ARC-12 EQUIPMENT. SIZE: 10x6x4; WT: 7 LBS. #KS-10362 PRICE: LESS TUBES \$3.95



ULTRA HIGH FREQUENCY TUNER; CONSISTS OF RECEIVER R.F. AMP LIFIER, MIXER AND H.F. OSCILLATOR, 225 TO 350 MC. OUTPUT TO I.F. 15.1, USES 6/6AK5 AND 1/6AS6 TUBES. ALSO CRYSTAL BETWEEN 13 AND 41.5 MC. VARIABLE CONDENSERS 1/4 GANG 4-24 MMFD. PER SEC. OTHER 4 GANG 3 SEC. 4-25 MMFD. 1 SEC. 5-41 MMFD. SINGLE DIAL CONTROL. RE-MOVED FROM ARC-12 EQUIP. SIZE: 8 1/2 x 5 x 3; 4 LB. KS-10329 LESS TUBES PRICE: \$1.95

TELETYPE PAPER

TELETYPE PAPER 8 1/2 INCHES WIDE 4 1/2 INCH DIAMETER THREE SHEETS OF PAPER 2 SHEETS CARBON, 4 LBS. PRICES: EACH ROLL 50¢; 12 ROLLS \$5.00

TELETYPE PERFORATOR TAPE 11/16" WIDE APPROX. 900 FT. OILED, 10 ROLLS \$2.50



CP-15/ASG-10 COMPUTER MK-20 FOR USE WITH BOMB DIRECTOR MK-1. CONTROLS FOR SELECTION OF AIR SPEED IN KNOTS, TEMPERATURE & LANYARD, ROCKET CALIB. COARSE & FINE, BOMB MPI ADJUST. CONTAINS 88 PRECISION RESISTORS, 4 RELAYS, 2050 TUBE, & SPECIAL SELENOID RESISTOR VALUE FINDER IN SEALED UNIT. 28 VDC DYNAMOTOR SUPPLY VOLTAGE REGULATED WITH 2/20 50 & 1/VR-150 TUBES OUTPUT OF 285 VDC 75 MA. PLUS COND. RELAYS ETC. SIZE: 14x10x8; WT: 30 PRICE: UNUSED \$7.95



CP-103/APA-44 RANGE COMPUTER, PART OF AN AIRCRAFT COMPUTER LANDING SYSTEM. WITH 2 MOTORS, 2 AUTOSYNE 2 MICROPOTS, SLIP RING, RELAYS, RECTIFIERS, PRECISION RESISTORS, 12 GRAIN OF WHEAT LAMPS, SPIN KNOBS, SWITCHES DIALS ETC SIZE: 7 1/2 x 12 1/2 x 8; WT: 25 LBS. USED \$12.95

MAGNETIC AMPLIFIER

TRANSMITTER SUB-ASSY. FILAMENT CHASSIS, PART OF AN/ALT-8 COUNTERMEASURES SET. CONSISTS OF CK927 FULL WAVE RECTIFIER CK843 SILCON RECT., TWO CK846 SILCON RECT., MAGNETIC AMPLIFIER TRANS. FIL. TRANS. 115/400CYC. SEC. 6.3/6A. MINIATURE POTS. AND DPST RELAY ALL MOUNTED ON CHASSIS 7 1/2 x 3 x 3 1/2; WT: 3 LBS. PART #2527-501-G1 PRICE: NEW \$1.95

TS-545 ECHO BOX; USED FOR CHECKING RADAR SETS IN THE FREQ. RANGE 1150 TO 1350 MC. TUNED CAPACITY MANUAL TYPE METER 3 1/2" 0-100 DC MICRAMPEREB. SIZE: 16x9x9; WT: 23 LBS. USED \$39.50

TS-270 ECHO BOX; SIMILAR TO ABOVE ONLY FREQ. 2630 TO 2970 MC. PRICE: USED \$39.95

TG-34A KEYSER:

CODE PRACTICE SET USED TO REPRODUCE SIGNALS PREVIOUSLY RECORDED ON INKED PAPER TAPES. VARIABLE SPEED MOTOR, KEYING OSCILLATOR WITH SPEAKER AND PHONE JACK. OPERATES FROM 115/230 50/60 CYC. HOUSED IN PORTABLE CARRYING CASE. SIZE 15x10x10; WT: 40 LBS. PRICE: RE-NEW, CHECKED \$24.95
BLANK PAPER TAPE; 3/8" FOR TG-34, TG-10 KEYSER 900 FT. ROLLS EACH \$2.25; 30 ROLLS \$5.00
TELETYPE PERFORATOR TAPE, 11/16" WIDE, APPROX 900 FT. OILED, 10 ROLLS FOR \$2.50

INVERTERS



INPUT: 27.5 VDC 150 AMP.
OUTPUT: 115 VAC 2500 VA
400 CYC 1 PHASE
SIZE: 15 x 11 1/2 x 8 WT 58 LBS.
JACK & HEINTZ F-46-2
USED \$39.50

INVERTER AN-3515-1
INPUT: 27.5 VDC 100 AMPS.
OUTPUT: 115 V 400 CYCLE
1 PHASE 1500 VA.
SIZE: 14x10x7; WT: 50 LBS.
PRICE: RE-NEW \$45.00

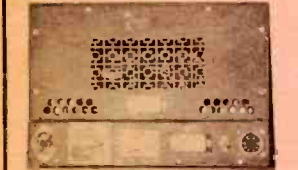


MG-149F INVERTER
INPUT: 24 VDC 36 A. 750VA
OUTPUT: 115 V 400 CYCLE
1 PHASE 500 VA & 26 V 400
CYCLE 1 PHASE 250 VA.
SIZE: 12x8 1/2 x 8; WT: 25 LBS.
PRICE: USED \$24.95

MG-153 INVERTER
INPUT: 24 VDC 52A 1000 VA
OUTPUT: 115 V 400 CYCLE
3 PHASE 750 VA & 26 V 400
CYCLE 1 PHASE 250 VA.
SIZE: 12x8 1/2 x 8; WT: 28 LBS.
PRICE: USED \$24.95

PE-104 POWER
CONVERTER
6 OR 12 VDC
INPUT, OUTPUT
90 VDC, 1 1/2 VDC AND -45 VDC
SIZE: 4x4x7; WT: 10 LBS.
NEW \$3.95 w/EXTRA VIB. \$4.95

TRANSFORMER FOR
TRANSISTORIZED
POWER SUPPLY.
FROM 12 VDC IN-
PUT OUTPUT 450
VDC 200 MA. HAS
IRON CORE FEED-
BACK WINDING (10
00 CYCLE) CIRCUIT DIAGRAM
FURNISHED. SIZE: 2 1/2 x 2 1/2 x 2 1/2;
WT: 2 LBS. #150-95 \$3.95



RA-62 AC POWER SUPPLY
Power Supply used with SCR-522
Transmitter-Receiver supplies
all the necessary voltages.
INPUT: 115/230 60 cycle
OUTPUT: 300 VDC 230 MA.
-150 VDC 8 MA.
13 VDC 3.9 AMPS.
Completely fused & filtered.
Size 16 x 11 1/2 x 11 WT. 75 lbs.
PRICE: USED CHECKED \$59.50



G-24 AC & DC GENERATOR
OUTPUT
115 VAC 800 CYCLE 10.5 A.
28 VDC 60 AMP. @ 2400 RPM.
SPLINE SHAFT SIZE 7/8 x 1 1/2
SIZE: 6 1/2 x 7 1/2 x 13; WT: 45 LBS.
RE-COND. \$19.95



D.C AIRCRAFT MOTOR
GE# 5BA50LJ29- HP .4
RPM 3000 ARM.V 60 FLD.V 27
AMPS. FLD. 2.3, ARM. 6.5
DUTY 10 MIN. INT. AT FULL
RATING.
SHAFT, CORK SCREW 5/8" DIA.
FLANGE MTG. 3/8 IN CNTS.
SIZE 6 1/2" LESS SHAFT 4 1/2 x 4 1/2
WT: 11 LBS. UNUSED \$4.95



AIRCRAFT MOTOR
MAXSON MODEL 118 H.P. 1
RPM 5800; 24 VOLTS DC
55 AMPS., SPLIT FIELD,
REVERSIBLE SHUNT, DOUBLE
END SHAFTS WITH GEAR 1 1/2"
1/3-8" FLANGE MTG. 3/8" CT.
SIZE: 6 1/2 x 4 1/2 x 4 1/2; WT: 15 LBS.
UNUSED \$4.95

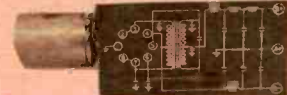
ELECT. ENG. MFG.
TYPE C-368 26VDC
35 AMPS. 600 WAT
3/4 HP, APP. 3000
RPM. VERT. KEYED
SHAFT 3/8" DIA. 3/16 SLOT.
FL. MTG. 3/8 CT. 7" LG. \$4.95

INVERTER
INPUT 27.5VDC 60A
OUTPUT 115 V 400 CY
750 W 3 PHASE
26 V 400 CY
50 W 1 PHASE
SIZE 1 1/2 x 10 x 6; WT: 40 LBS.
LELAND #10285 USED \$34.95

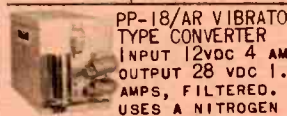
INVERTER
INPUT 27 1/2 VDC 22A
OUTPUT 115V 400 CY
3 PH 250 VA
SIZE 9x6x4; WT: 15 LBS.
ECLIPSE #E-1617-1 USED \$14.95



VIBRATOR POWER SUPPLY
TWO 6 VOLT SUPPLIES ON A
COMMON CHASSIS USING OZ4
RECTIFIER TUBES, OUTPUT 540
VDC @ 150 MA. CAN BE TAPPED
AT 270 VDC 150 MA.
SIZE: 9x6x5; WT: 10 LBS.
STK# 3H6694-5 UNUSED \$9.95



MINI VIBRATOR SUPPLY
PP-855/PRC-14, AIRPAX No.
A-1063, VIBRATOR TYPE WITH
FILTER NETWORK, INPUT 6VDC
5.35 AMPS. OUTPUT 135 VDC
155 MA. VIBRATOR MOUNTS
OF UNIT. 7 1/2 x 2 1/2 x 2 1/2; WT: 3 LB
NEW \$7.95 USED \$4.95



PP-18/AR VIBRATOR
TYPE CONVERTER
INPUT 12VDC 4 AMP
OUTPUT 28 VDC 1.5
AMPS, FILTERED.
USES A NITROGEN
SEALED VIBRATOR. USED TO OP
ERATE 28 VOLT EQUIPMENT FRO
12 VOLTS. TWO OR MORE CAN
BE WIRED IN PARALLEL TO OB
TAIN A HIGHER CURRENT OUTP
UT. WITH PLUGS, MTG & SPARI
VIBRATOR. 6 1/2 x 2 1/2 x 2 1/2; WT: 9 LBS.
NEW \$7.95 USED \$4.95

FT-498 SHOCK
MOUNTING WITH
FOUR 10 LB.
RUBBER MOUNTS ON A ALUMINUM
PLATE 13x8x1 1/2; WT: 2 LBS.
PRICE: \$1.00

VOLTAGE REGULATOR
INPUT 21-30 V.D.C
5 AMPS. REGULATION
18-30 VDC @ 45 1/2 281
SIZE: 4x3; 3LBS.
\$1.50

PI GENERATOR

OUTPUT: 28 VDC 200 AMPS.
2500 TO 6000 RPM.
SPLINED SHAFT 7/8 x 1 1/2;
SIZE 6x8x14 1/2; WT: 48 LBS.
PRICE: USED \$19.95

12 VOLT GENERATOR
50 AMPS. 38 LBS
SIZE 9x6x6
SHAFT 3/4x2
KEYED & NUT
DELCO #110646
PRICE: NEW \$9.95

PE-115 PHILCO
INVERTER 28VDC
36 AMP. INPUT.
OUTPUT 90 VOLT
800 CYCLE 7.2
AMP. (NO VOLT
AGE REGULATOR
11x10x7; 40 LBS
USED \$12.95

GENERATOR GAEN-211219C
OUTPUT: 12.5 VDC 4 AMPS.
240 VDC 100 MA.
INPUT DRIVE: 3/16 HP.
3450 RPM.
SHAFT SIZE: 3/8 x 1 1/2
MOTOR SIZE: 5 x 6 x 9 WT. 25 lbs.
Used: \$4.95 New \$6.95

1100 VDC
400 MA
INPUT: 24/28V 27
OUTPUT: 1100 VDC
400 MA.
SIZE: 10 1/2 x 6 1/2; WT: 30 LBS.
TYPE SUI25 UNUSED \$16.95

INVERTERS

EICOR #1-3112-1
INPUT: 26 VDC 6 AMP.
OUTPUT: 26 VAC 400 CYC.
VOLT/AMP: 40 1 PHASE
DUTY: CONT. 1.0 P.F
SIZE: 7 1/2 x 3 1/2; WT: 8 LBS.
PRICE: NEW \$8.95

PU-16 INVERTER
INPUT: 28 VDC 60 AMPS.
OUTPUT: 115 VAC 6.5 AMPS.
400 CYCLE 1 PHASE
Used: \$18.95
Size: 7 x 15 x 9 WT. 38 lbs.

5D21NJ3A INVERTER
INPUT: 27 VDC 35 AMPS.
OUTPUT: 115 VAC 2.17 AMPS.
400 CYCLE 1 Phase.
Used: \$14.95 Unused \$24.95
Size: 9 x 6 1/2 x 5 1/2 WT. 20 lbs.

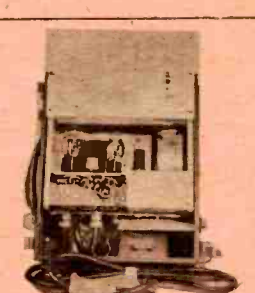
INVERTER
800-1-A
WT. 35 lbs.
Size 4 1/2 x 8 x 12
INPUT: 24 VDC 75 AMPS.
OUTPUT: 115 VAC 800 CYCLE
1 Phase 10.5 AMPS.
USED \$12.95



PE-237 POWER SUPPLY
VIBRATOR TYPE
INPUT: 6 VDC 27 AMPS.
12 VDC 13.2 "
2A VDC 7 "
OUTPUT: 525 VDC 90 MA.
105 VDC 42 MA.
6.5 VDC 2 AMPS.
6 VDC 500 MA.
1.3 VDC 450 MA.
130 VDC 17 MA.
With tubes & vibrator.
Size 10 x 10 x 17 WT. 70 lbs.
USED \$14.95 RE-NEW \$19.95



CARTER GENEMOTOR
MOTOROLA #259K1003
INPUT: 26.1 VDC 7 AMPS
OUTPUT: 405 VDC 270 MA.
SIZE: 7x4x5; WT: 12 LBS.
USED \$2.95 NEW \$3.95



PE-120 Power Supply
INPUT: 6 VDC 4.5 AMP.
12 VDC 2.5 AMP.
24 VDC 1.5 AMP.
OUTPUT: 145 VDC 75 MA.
90 VDC 40 MA.
1.5 VDC .75 AMP.
Vibrator type voltage regu-
lated complete with tubes
OB-3/VR-105, 1005 & Ballast.
Also vibrator for 12 VDC.
Size 4 1/2 x 13 1/2 x 15 1/2 WT. 29 lbs
RE-NEW \$7.95



VRC-2 DYNAMOMETER
INPUT: 5.5 VDC 31 AMPS
OUTPUT: 600 VDC 175 MA
SIZE 7 x 4 1/2 x 4 1/2 WT: 8 LBS
STK.# 3H1514-5
PRICE RE-NEW \$7.95

PE-49
GASOLINE
ENGINE
GENERATOR
WT. 35 lbs.
Size 4 1/2 x 8 x 12
INPUT: 24 VDC 75 AMPS.
OUTPUT: 115 VAC 800 CYCLE
1 Phase 10.5 AMPS.
USED \$12.95



Size: 5 x 8 x 12 Wt. 35 lbs.
PE-98 DYNAMOTOR
INPUT: 14 VDC 21 AMPS.
OUTPUT: 300 VDC 260 MA.
150 VDC 10 MA.
USED \$5.95 UNUSED \$9.95

PE-94 DYNAMOTOR
INPUT: 28 VDC 10.5 AMPS.
OUTPUT: 300 VDC 260 MA.
150 VDC 10 MA.
14.5 VDC 5 AMPS.
Used \$4.95



TCS POWER SUPPLY
COLLINS 21881
INPUT: 12 VDC 14.5 AMP.
OUTPUT: 400 VDC 200 MA.
225 VDC 100 MA.
Size: 7 1/2 x 7 x 13 WT. 28 lbs.
GOV'T RECORD. \$14.95



DY-17 DYNAMOTOR
INPUT: 27 VDC 32 AMPS
OUTPUT: 400 VDC 750 MA.
750 VDC 350 MA.
USED \$12.95



PP-868/U VIBRATOR
POWER SUPPLY
INPUT: 12 DC 2.0 AMP.
OUTPUT: 6.3 AC 1.0 AMP.
6.3 " .45 "
1.4 DC 1.25 "
155 DC 15 MA.
150 DC 5 "
140 DC 50 "
40 DC .5 "
SIZE: 5x6 1/2 x 7; WT: 12 LBS.
PRICE: USED \$9.95



DY-9B/ARC DYNAMOTOR
INPUT OUTPUT
VOLTS AMPS. VOLTS AMPS.
26 4.3 360 CONT. 1.35
26 7.8 310 INT. .355
SIZE: 9x5x3 1/2; WT: 10 LBS.
RE-MOVED F/EQUIP. \$9.95

GENERATOR OUTPUT 1000 VDC
350 MA & 14.6 VDC 25 AMPS.
ENGINE: 1 CYCL. 4 CYCLE
APPROX. 3 HP.
SIZE: 36x20x25; WT: 275 LBS.
PRICE: \$75.00

DYNAMOTORS



Size 6½ x 10 x 11 WT. 38 lbs.
With fuses and starting relay.

DM-77 DYNAMOTOR

INPUT: 14 VDC 39 AMPS.
OUTPUT: 1000 VDC 350 MA.

PE-73 DYNAMOTOR

INPUT: 28 VDC 19 AMPS.
OUTPUT: 1000 VDC 350 MA.

DM-42 DYNAMOTOR



USED
\$4.95

INPUT: 12 VDC 39 AMPS.
OUTPUT: 515 VDC 215 MA.
" 1030 " 260 MA.
SIZE: 7x7x11 WT: 38 LBS.



DY-17/ART-13 DYNAMOTOR ONLY

INPUT: 27 vdc 32 AMP
OUTPUT: 400 vdc 750 MA
750 " 350 MA
SIZE: 11½x5; WT: 17 LBS.
UNUSED \$9.95



PE-98 PE-94 DYNAMOTORS ONLY

PE-98 DYNAMOTOR ONLY
INPUT: 14 VDC 21 AMPS.
OUTPUT: 300 VDC 260 MA
-150 VDC 10 MA
SIZE: 12x5x5; WT: 26 LBS.
UNUSED \$5.95

PE-94 DYNAMOTOR ONLY
INPUT: 28 VDC 10.5 AMPS
OUTPUT: 300 VDC 260 MA
-150 VDC 10 MA
14.5 " 5 AMPS
SIZE: 12x5x5; WT: 26 LBS.
UNUSED \$4.95



DA-19A DYNAMOTOR

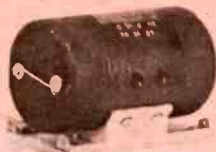
INPUT: 28 vdc 11 AMPS.
OUTPUT: 400 " 400 MA.
SIZE: 7½x4½x4½; WT: 13 LBS
UNUSED \$4.95

BRUSH SETS



DM-21 DM-25 DM-28 DM-32
DM-33 DM-34 DM-35 DM-36
DM-37 DM-40 DM-41 DM-42
DM-43 DM-45 DM-53
BD-83 BD-93 BD-77
PE-73 PE-86
DA-12 DA-14 DA-1A
DY-21 DY-22
SP-125 35x032

OTHER TYPES ALSO AVAILABLE
SET OF FOUR BRUSHES \$1.00



Size 3 x 3½ x 4½, Wt. 3 lbs.

DM-32 DYNAMOTOR

INPUT: 28 VDC 1.1 AMPS.
OUTPUT: 250 VDC 60 MA.
Price: Used \$2.95 New \$4.95

TYPE 35 x 032
(Same as DM-32 only 12V)

INPUT: 14 VDC 2.4 AMPS.
OUTPUT: 250 VDC 60 MA.
Price: New \$4.95

DM-53 AZ DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 VDC 80 MA.
Price: NEW 7.95

DM-53 DYNAMOTOR

INPUT: 28 VDC 1.4 AMPS.
OUTPUT: 220 VDC 80 MA.
NEW \$6.95 USED \$3.95



Size 3 x 3 x 4½, Wt. 3 lbs.

DM-45 DYNAMOTOR

INPUT: 24 VDC 1.1 AMPS.
OUTPUT: 250 VDC 50 MA.
Price: Used \$2.95 New \$4.95

DM-25 DYNAMOTOR

INPUT: 12 VDC 2.2 AMPS.
OUTPUT: 250 VDC 50 MA.
Price: Used \$2.95 New \$4.95



WEST 12B6534 DYNAMOTOR

INPUT: 24 VDC 1.75 AMPS.
OUTPUT: 300 VDC 70 MA.
Price: Used \$2.95 New \$4.95

Size 3 x 3 x 4½. Wt. 3 lbs.
Dynamotors listed below
same size only less base.

DM-6936 DYNAMOTOR

INPUT: 28 VDC 1.1 AMPS.
OUTPUT: 250 VDC 60 MA.
Used \$1.95 Unused \$3.95

DMX-310A DYNAMOTOR

INPUT: 12 VDC 2.8 AMPS.
OUTPUT: 150 VDC 100 MA.
Used \$2.95 Unused \$4.95

TYPE 5047 DYNAMOTOR

INPUT: 27 VDC 1.75 AMPS.
OUTPUT: 285 VDC 75 MA.
Used \$3.95 Unused \$5.95

RADIO NOISE
FILTER 100
AMPS. 50 VDC
GE#1C202
SIZE 4x4x2
PRICE: \$.50



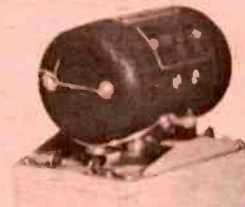
Size 3 x 4½ x 6½. Wt. 5 lbs.

DM-34 DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 VDC 80 MA.
Used \$2.95 Unused \$4.95

DM-36 DYNAMOTOR

INPUT: 28 VDC 1.4 AMPS.
OUTPUT: 220 VDC 80 MA.
Used \$2.95 Unused \$4.95



Size 3½ x 5 x 5½, Wt. 3½ lbs.

PE-86 DYNAMOTOR

INPUT: 28 VDC 1.25 AMPS.
OUTPUT: 250 VDC 60 MA.
PRICE: Used \$2.95 New \$4.95



Size 3½ x 5 x 6½. Wt. 5½ lbs.

DM-28 DYNAMOTOR

INPUT: 27.9 VDC 1.25 AMP
OUTPUT: 220 VDC 70 MA
PRICE: USED \$6.95



D 401

INPUT: 12 VDC 9.9 AMP.
OUTPUT: 400 " 180 MA.
SIZE: 4x4½x7; WT: 10 LBS.
PRICE: UNUSED \$6.95

DA 14A SPECIAL WITH BASE

INPUT: 14/28 VDC 3.3/1.6 A
OUTPUT: 230 VDC 100 MA.
SIZE: 3x3x6; WT: 6 LBS.
UNUSED \$6.95

DM-21 DYNAMOTOR

INPUT: 14 VDC 3.3 AMP.
OUTPUT: 235 VDC 90 MA.
SIZE: 6x5x3; WT: 8½ LBS.
PRICE: USED \$7.95



DY-21 DYNAMOTOR

INPUT: 27 VDC 7 A
OUTPUT: 410 " 325 MA.
SIZE: 7½x3x3½; WT: 8½ LB
PRICE: USED \$7.95



Size 4½ x 5½ x 6½. Wt. 10½ lbs.

BD-83 DYNAMOTOR

INPUT: 14 VDC 6.5 AMPS.
OUTPUT: 375 VDC 150 MA.
UNUSED \$7.95

CW21441 DYNAMOTOR

INPUT: 28 VDC 2.9 AMP
OUTPUT: 330 " 135 MA
NEW \$3.95

DM-416 DYNAMOTOR

INPUT: 28 VDC 3.1 AMPS.
OUTPUT: 330 VDC 470 MA.
Used \$1.95 Unused \$3.95

BD-93 DYNAMOTOR

INPUT: 28 VDC 3.2 AMPS.
OUTPUT: 375 VDC 150 MA.
Used \$2.95 Unused \$4.95



Size 4 x 7 x 6½ Wt. 10½ lbs.

PE-133 DYNAMOTOR

INPUT: 12 VDC 2.3 AMPS.
OUTPUT: 230 VDC 90 MA.
Used \$4.95 Unused \$6.95



Size 5½ x 6 x 8½. Wt. 12½ lbs.

TYPE 377 DYNAMOTOR

INPUT: 14 VDC 8 AMPS.
OUTPUT: 425 VDC 163 MA.
Used \$6.95 Unused \$9.95



Size 5½ x 3½ x 7. Wt. 7 lbs.

DM-40 DYNAMOTOR

INPUT: 14 VDC 3.4 AMPS.
OUTPUT: 172 VDC 138 MA.
PRICE: USED \$3.95

INPUT: 13/26 vdc 12.6/6.3A
OUTPUT: 400 " 135 MA.
800 " 20 " 9 v 80 cyc 1.12 amp.
SIZE: 14x4½x7; WT: 15 LBS.
PRICE: NEW \$7.95
CONNECTOR PLUG 1.50



Size 4½ x 4½ x 8½ Wt. 13 lbs.

DM-35 DYNAMOTOR

INPUT: 12.5 VDC 18.7 AMPS.
OUTPUT: 625 VDC 225 MA.

NOT AVAILABLE

DM-37 DYNAMOTOR

INPUT: 25.5 VDC 9.2 AMPS.
OUTPUT: 625 VDC 225 MA.
UNUSED \$4.95



BD-69 DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 " 80 MA.
SIZE: 6½x6x4½; WT: 10 LBS.
UNUSED \$3.95



CAY-21772 DYNAMOTOR

INPUT: 12 vdc 3 AMPS.
OUTPUT: 235 vdc 75 MA.
SIZE: 6½x5x4 w/MTS. 7 LBS.
UNUSED \$4.95



INPUT: 28 VDC 1.6 AMP
OUTPUT: 230 VDC 100 MA
SIZE: 3½x3x5½; WT: 6 LBS.
UNUSED \$4.95



DM-33 DYNAMOTOR

INPUT: 28 VDC 5 AMPS.
OUTPUT: 575 VDC 160 MA.

NOT AVAILABLE

Size 3½ x 4 x 7½ Wt. 8½ lbs.

DY-22 DYNAMOTOR

INPUT: 28 VDC 1.8 AMPS.
OUTPUT: 210 VDC 125 MA.
Price: Used \$4.95



PE-101C

WINCO TYPE 41S6
DUAL OUTPUT
INPUT: 13 vdc 13 A.
OUTPUT: 300 vdc 225 MA
250 " 60 " 250 " 60 "
SIZE: 8½x4½x4; WT: 10 LB
PRICE: UNUSED \$7.95

AC-DC Motors

Hi-Speed

Gear Reductions

Blowers

DELCO P.M. MOTOR 5067125 27.5 VDC
10,000 RPM w/GOVERNOR, SIZE: 3x1x1;
SHAFT TAPERED 1/16 TO 3/16, THREADED
END. PRICE: RE-MOVED \$3.95

GE5BA10AJ37A MOTOR 250 RPM 8 OZ. IN.
TORQUE .5 A. 27 VDC REVERSIBLE
SIZE 3x1 1/2, SHAFT SPLINED 1/2x1 1/2 \$3.95

WEST-GEAR PM MOTOR P5B24R3 24 VDC 1.5
A OZ IN 45, 250 RPM, REV. 120 SEC.
IN 4 MIN. SIZE: 3x1 1/2, SHAFT 5/16 X
3/8 W/GEAR. \$4.95

GE5BA10AJ8D MOTOR IN GUN CHARGER ASSY
ASSY W/2 MICRO SW. & SPRING PLUNGER
27 VDC, 110 RPM 1 OZ. IN. 3/8" SHAFT
3x1 1/2; WT: 2LBS. \$5.95

HOLTZER-CABOT DUAL SPEED GEAR REDUCT-
ION MOTOR, 115 V. 60 CYCLE, 1 PHASE, ONE
SHAFT 40 RPM, OTHER 165 RPM 24 OZ. I
TORQUE .4 AMP. MOTOR SIZE 4x4x5 1/2,
SHAFT 3/8x4-40RPM, 1/8x3/8-165RPM.
#RBS-3712 \$9.95

RATCHET MOTOR, 24 VOLT DC 60 RPM CONTINUOUS
ALSO 3 POSITION STOP. BAND SWITCH ASSEMBLY
AS USED IN R-5/ARN-7 COMPASS RECEIVER.
UNIT WILL ALSO OPERATE ON 18 TO 24 VDC.
SIZE: 3x4x1 1/2; WT: 1 1/2 LBS. STK# 609-ARN-7
PRICE: \$1.25

WESTINGHOUSE BUSINESS MACHINE MOTOR 25 MHP
115 VOLTS 50/60 CYCLE .5/4 AMPE
TYPE FL 4.0/3.0 MFD. 1425/1725
RPM. SIZE: 4x4x4; WT: 5 LBS.
SHAFT 5/16x3 FLATENED. FOR USE
IN RUBBER SHOCK MOUNTING BRACKET
PRICE: NEW \$4.95

TELETYPE MOTOR AC; 110 VOLT 60 CYCLE
1 PHASE, NON-SYNCHRONOUS, 1/25 HP,
1800 RPM, 1.25 AMP., DOUBLE SHAFT
1 1/2x3/16x5/8 x 3/16, MOTOR SIZE 5 1/2 X
5x5; WT: 13 LBS. GE#28478
USED \$4.95

ELECTRO COUNTER & TIMER MOTOR, 115 VOLT
60 CYCLE, 14 RPM, USED TO TURN TUNERS,
HIGH POWER TORQUE, INTERMITTENT OPERATION
SIZE: 3x4x3; WT: 2 LBS. #MA201752 \$1.50

HEAVY DUTY REVERSIBLE GEAR-HEAD
MOTOR, 28 VDC 8 AMP. 100-200 RPM
2 1/2 LB. FT. TORQUE, OSTER#KU-1L-1R
SIZE: 7 1/2x10x5; SHAFT 7/16x3 1/2; 14 LB.
PRICE: RE-MOVED F/EQ. \$7.95

AS 874/APX ANTENN ROTOR
WITH SELSYN GENERATOR GE
#2JIF3. CENTER FEED THROUGH
FOR RF CABLE TO ANTENNA. 28
VDC @ 4 AMPS. APPROX. 33 RPM
NO LOAD. ROTOR HAS 4 INCH
X 1/2 INCH DISK FOR MOUNTING
ANTENNA TO ROTOR. 9 1/2x12x10
WT. 25 LBS. USED \$19.95

PM MOTOR ASSEMBLY & GEAR TRAIN
USED IN R-44 RECEIVER FOR REMOTE
TUNING. CONTAINS DELCO PM MOTOR
#5069370, 10,000 RPM ATTACHED TO
A GEAR ASSY. THAT HAS TWO SHAFTS
80 RPM AND IS GEARED TO TWO
SHAFTS WITH 3" & 1 1/2" GEARS THAT
THAT TURN AT 40 & 80 RPM. ASSY
SIZE 4x6x3; SHAFT SIZES 1/2 X 3/4
WT: 3 1/2 LBS. STK.#3H3100-15
PRICE: \$4.95

GENERAL ELECTRIC 58A25DJ300
24 VDC @ 2 AMPS., 4500 RPM, REVER-
SIBLE, GOVERNOR CONTROL MAGNETIC
BRAKE, FLANGE MOUNT, SIZE 2 1/2x5 1/2;
WT: 3LBS., SPLINED SHAFT 3/16x7/8
PRICE: \$2.95

DELCO P.M. MOTOR #5069466, 27.5 VDC
IN ALUMINUM CASE GEARED TO WORM GEAR
MOTOR SIZE 1 1/2x1 1/2x2 1/2, 10,000 RPM.
CASE SIZE 2 1/2x2 1/2 LESS MTG. SIZE.
WORM GEAR 2000 RPM, WT: 2 LBS.
STK# 3H3100A-1 PRICE: \$2.95

John Oster type C 24A-1B - KS-5829-
OT 27 VDC 1700 HP 7000 RPM DC
Series Motor 2" D X 3" L. Shaft
1/2 X 1-Wt. 1 lb.....Price \$7.75

6 VOLT DC MOTOR, REVERSIBLE 1/20 H.P.
SHAFT 1/2 X 3/4, FRONT END MOUNTING STUDS.
MOTOR SIZE 3x3x3; WT: 4 LBS. APP 3000 RPM
G16VDC-R PRICE: \$1.25

LMC TYPE 300, 45 V 60 CYC, 6 1/2 RPM **12 VDC**
LIGHT OPEN FRAME 5x2x1 1/2; SHAFT
3/16x1; 1 LB. \$1.50

12 VOLT D.C MOTOR W/ MAKE & BREAK
CONTACT, APPROX. 5000 RPM, 1/20HP
SIZE 4x3x3; SHAFT 1" X 1/2; #FN0453 PRICE: \$1.95

Delco 5069370 27 VDC Reversible PM
Motor and Gear assm. in an Aluminum
case. Output speed is 80 RPM through a
friction clutch to a double shaft 1/2 X
3/4 on one side, 1/2 X 1 1/2 on the other.
Size complete assm. 3 5/8 X 2 X 4 1/4 ex-
cluding shaft. Has built in noise
filter system. Wt. 1 lb. 5 oz.
Price..... \$ 4.95

TG-10 KEYSER MOTOR 115 VOLT 60 CYCLE
1550 RPM, SHAFT 1-7/8", GEARED TO 80 RPM.
SIZE: 3x3x3 1/2; WT: 3 LBS. #3H3000-3
REMOVED FROM TG-10 EQUIPMENT
\$2.95

MOTOR OPEN FRAME, 117 V. 60 CYC
500 RPM 1 DIRECTION, 1000 OTHER.
SHAFT 1/16x3 1/2; 2x3x4; #B30B 2LB \$1.

MOTOR 24 VDC, 2800 RPM, 6.5 AMP.
1/10 HP. SHAFT 1/2x1, REVERSIBLE.
5x3x3; 6 LB. EMERSON 0412 \$3.95

BENDIX BAND CHANGE MOTOR #AC56566-2
OPERATES FROM 28 VDC. THREE POS-
ITION POSITIVE STOP. WITH SWITCHES
& WAFER ASSY. SIZE: 6x3x2 WT: 1LB.
PRICE: \$2.95

GE #58C36A509 D.C MOTOR 115 V. 1/12 H.P.
1140 R.P.M. REVERSIBLE. SHAFT SIZE 5/16"
X 1-1/8", MOTOR SIZE 6x6x6; WT: 10 LBS.
PRICE: \$4.95

Bendix LM108J 24VDC 1/25 HP 15,000 RPM
Series Motor. Geneva Loc. Actuator. Shaft
rotates 1/2 revolution and stops and is
locked in place until next contact is
made then the cycle is repeated-time per
cycle app. 3 seconds. Size 4 X 2 1/2 X 5 1/2.
Shaft size 1/2 X 1/2. Wt. 1 lb. 14 oz.
Price..... \$ 4.95

General Electric 58A25MJ424 - Type BA
24 V @ 4.2A 7100 RPM 1/20 HP Flange
mount Motor size 2 1/2" X 5". Shaft size
1/2 X 1 Wt. 3 1/2 lbs. Price..... \$1.95

ELECTROLUX MOTOR 28.5 VDC. 1.8 AMPS.
2200 RPM. 1/35 H.P. SHAFT SIZE 1 1/2 X 1 1/2
MOTOR SIZE: 4x3x3 WT: 5 LBS.
PRICE: \$3.95

B-203 MOTOR, REVERSIBLE, SPLIT
FIELD, SERIES WOUND, 2 SHAFTS
5 RPM & 200 RPM W/MICRO-SWITCH
ES. 26 VDC. 6x4x4; 4 LB. \$2.95

EIGHTY (80) VOLT 60 CYCLE 78
RPM PHONO MOTOR ON MOUNTING
PLATE. WILL ALSO OPERATE FROM
110 V W/RES. 3x3x3; 2LB \$5.95

FLYER ELECTRIC MOTOR HEAVY DUTY
115 VOLTS AC-DC 50-60 CYC. 78 AND
33 1/3 R.P.M. 9x5x4 WT. 10 LBS.
PRICE: \$1.50

MERCURY MOTOR 8100, 115 VOLT 60 CYCLE, 1750
RPM, OPEN FRAME 3x2x2, SHAFT 1/2x1 1/2, WT: 1 LB.
PRICE: \$1.00

John Oster Shunt Motor B-9-1 27 1/2 VDC
@ .7A. 5600 RPM. Aluminum Cased Motor
and Gear assm. Motor is flange mount-
ed to the Gear case. 2 gear reductions
22 and 5 1/2 RPM on 1/2 X 1 1/2 shafts. Size
2 3/4 X 3 X 7". Wt. 1 lb. 14 oz.
Price..... \$1.00

ART-13 MOTOR 28
VOLT D.C 3900
RPM, 1/20 H.P.
REVERSIBLE, BALL
BEARING. WILL
OPERATE 12 VOLT
SIZE 3x3x3 1/2; 2LB. #B-101/8037
800. PRICE: \$1.95

OSTER 10 CFM Blower
John Oster motor C2EP-1A
27.5 VDC 1/100 HP 6000
RPM with blower 10CFM.
Size 3 1/2 x 3 1/2 x 4 1/2 Wt 1 1/2

Motor & Blower \$3.95 Motor only 1.95

400 CYCLE BLOWER
Eastern Air Devices
10 CFM Blower 115 Volt
400 cycle, 1/100 HP
motor. Size 3 1/2x3 1/2x4 1/2
Wt. 1 lbs.
PRICE: \$2.95

PINCO BLOWER
Cast Aluminum hous-
ing shunt type motor
24 VDC 5000 RPM, 10
CFM blower. Motor
noise filtered. WT 1lb
10 oz. Size 3 1/2x3 1/2x4.
PRICE: \$2.95

OPEN TYPE BLOWER
Delco motor 5069267 27 VDC
6000 RPM, reversible shunt
type, flange mount. WT 1 lb
size 1-3/4x2-5/8x2 1/2.
Motor-Blower \$1.95 Motor only \$1.50

DELCO PM Motor 12 VDC
10,000 RPM, GEARED
TO ASSY. APPROX 250
TO PLASTIC WHEEL &
POT. 4x3x2; 1 LB.
#5092543/2 \$4.95

PHILCO GEAR REDUCTION
NO. 44-1008, 24 VDC,
3.7 RPM 40 LB. IN. TOR-
QUE, SHAFT 5/16x5/8,
MOTOR 4x3x5 1/2; 4 LBS
\$5.95

B-701/R-107 MOTOR
FROM AS-313/ARN-6
LOOP ANTENNA.
OPERATES FROM 26
VOLT 400 CYCLE,
WILL OPERATE FROM
12 VOLT 60 CYCLE.
GEAR TRAIN ASSY APPROX.
RPM. SIZE 3x2 1/2x3; w/3/8" GEAR.
WT: 1 LB. PRICE: \$3.95

CAMERA MOTOR
Open frame used in aircraft
cameras 12 Volt AC-DC
Double end shaft 1/8
x 1/2, motor size 2 1/2x
2 1/2, 5000 RPM. # QI-120
PRICE \$1.95

ACTUATOR
LINEAR, RATED LOAD LBS.
STAT. -200, TEN. -25-50
COMP. -25-50, TRAVEL 2"
MOTOR 115V 400 CYCLE, 6000 RPM.
DUTY 1/10, H.P. .04, TORQ. OZ. 11
6.7 WITH LIMIT SWITCHES. USED
AIRESEARCH#35906-30 \$2.95

LINEAR ACTUATOR, STAT. 750,
TENS. 375, COMP. 200, ARM. TRAV
5-7/8", MOTOR 115 V. 400 CYCLE
6000 RPM, DUTY 1-10, HP .04
SIZE 11x3x4; WT: 5LB. USED
AIRESEARCH#31914 \$3.95

D.C. ACTUATOR 26 V.
1.5 A. DUTY 3/20
HP .015, RPM 7500 \$2.95
STATIC 600, TEN. 130
COMP. 90, TRAVEL 1 1/2"
8x5x3; 4 LB. ELA-3-139-2

SPERRY FAN & MOTOR
No. 708963; 115V 3 PHAS
60 cyc 3450 RPM 1/20
HP MOTOR 4x3 1/2 BLADE
6" W/STAND \$4.95

DELCO MOTOR
#A7155, 27VDC 1/30HP
2.4A, 3600RPM 5 1/2x2 1/2; 8 1/2x1 \$2.95

TRANSFORMERS

SECONDARY
6.6 VAC
36 AMPS
PRIMARY
105, 110, 120, 125
60 CYCLE



23 LBS.
SIZE 6 1/2 x 5 1/4
#9T35Y245 \$9.95

1-177
TUBE CHECKER
TRANSFORMER
SIZE: 4 1/2 x 4 1/2 x 5 1/2 LB
STK.# 229613.667
PRICE: \$4.95

SPECIAL 2/24
VOLT WINDINGS
OUT OF PHASE
250 MA. 115 V
60 CY INPUT. 2x2x2 1/2
1 LB #26836 \$1.75

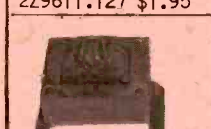


PRI: 120 v 60cyc
PRIMARY BUCK-BOOST
WINDINGS: 1.2v,
3.6v, 10.8v
SEC: 12.8v CT 20A
4 1/2 x 5 1/2 x 7 1/2 WT. 24LB
#1043 \$8.95

TRANSTAT
VOLTAGE
REGULATOR
FIXED WIND-
ING 115 VAR
VARIABLE.
RANGE 103-
126 v 60cyc
2.17 AMPS. 5x6x6
WT: 15 LBS. #29144
\$4.95

PRI: 115 v. 60c
SEC: 2.5v 1.75A
2.5v 1.75A
6.3v .6 A
3 1/2 x 5 3/4 WT: 8 LBS
229611.127 \$1.95

PRI: 115v 50-1000CY
SEC: 34 v 3.5 AMP
SIZE: 4 1/2 x 5 1/2 x 15 LB
#5950-518-4306
\$4.95



PRI: 115 v. 60 CY
SEC: 2.2 v.
ALSO TAPPED WIND.
0-60V 10 TAPS 4
VOLTS EA. 1 TAP
20V. HV AMPS 4. LOW
EST VOLTAGE 20 A.
6x4x5; WT: 25 LBS
#6120-473-6811
\$7.95

400
CYCLE

TRANSTAT
VOLTAGE REGULATOR
FIXED WINDING 115
VARIABLE RANGE
75 TO 120 V, 400
CYCLE. 6 AMPS.
SIZE 5x6x6; 13 LB
SCNo. TF-12A \$4.95

TF45X02YY
THREE PHASE
PRI 171v 50-450CY
SEC 28v @ 40A
6 1/2 x 7 1/2 x 9 1/2 WT. 45LBS
PRICE: \$14.95

OUTPUT
TRANSFORMER
30 WATT
\$3.95

PRI: 8000 OHM
SEC: 4/8/15 OHM
3x3x3 1/2; WT: 2LB
#TG-10/27291

2 WATT OUTPUT TRANS-
FORMER, PRI. 2500
OHM SEC. 3.2 OHM
#49872 79¢

MICROPHONE TRANS.
PRI: 15 OHM
SEC: 5000 OHM
SIZE: 1 1/2 x 1 1/2 x 2
PO/AM-26/AIC
STK#229631.121
PRICE: \$0.59

AUDIO OUTPUT TRANS
PRI: 450 OHMS
SEC: 300/4000 OHMS
IMPEDANCE

MICROPHONE
PRI: 14.5-21 OHM
SEC: 4475-6500
OHMS
CARBON MIC.
2 1/2 x 3 1/2 x 2 1/2
#7762352G1
\$1.00

PO/BC-348
STK# 2C434M/T
2x2 1/2 x 4 WT. 2 1/2 LBS.
PRICE: \$1.00

MICROPHONE
Transformer
Pri: 1 ohm
Sec: 2000
1 1/2 x 1 1/2
ST#229666A
Price \$.59

OUTPUT
TRANSFORMER
NP/NS-1.77/6.6, 50
TO 3000 cyc. 5MA.
SIZE: 2x2x2
GEM 7465623-1
PRICE: \$.75

LOW VOLTAGE TRANSFORMERS

ALL PRIMARIES 105, 110, 112, 120, 125 VOLT, 60 CYCL

SEC: 6.6 V 25 AMP.
4 1/2 x 6 x 4; 17 LBS.
GE#9T35Y244 \$4.95

SEC: 6.6 V 10 AMP
4x3 1/2 x 4; 9 LBS.
GE#9T35Y158 \$2.95

SEC: 6.6 V 10 AMP
6.6 VCT 1 "
5x4x3 1/2; 10 LBS.
GE#9T35Y181 \$3.25

SEC: 6.3CT 3.6 AMP
2 1/2 x 3 x 2 1/2; 2 LBS.
#5950-651-5319
\$1.50

PRI: 115 60 CYC
SEC: 6.3 CT 1AMP
2 1/2 x 3 x 2 1/2; 2 LB.
#5950-648-4768

PRI: 115 v. 60 CYCLE
SEC: 25 v. 0.5 AMP.
2x2x2 1/2; 1LB. #5950-754-9573
\$1.25

FILAMENT TRANSFORMER
PRI: 70/100/140/200
60 cyc
SEC: 12.6 CT .7 A
6.3 CT .9 A
6.3 CT 1.5 A
6.3 CT 1.5 A
2.5 KV TEST
SIZE: 5 1/2 x 3 1/2 WT 5
STK# GE-7465625-P1
PRICE: \$2.95

SEC: 6.3 v 3.1 AMP.
6.3 v 2.5 " "
6.3 v 0.45 " "
6.3 v 0.30 " "
5.0 v 2.0 " "
5.0 v 2.0 " "

3 1/2 x 4 1/2 x 3; 4 LBS.
#TF1A01JA \$3.95

FILAMENT TRANSFORMERS
PRI: 105/115/125v 60 CYCLE
SEC: 6.3 v. @ 2 AMP.
2x2 1/2 x 2; 1LB. UTC5578 \$1.50

PRI: 115/120/126/132v 54-66c
SEC: 6.6 v @ 1.2 AMP.
2 1/2 x 3 x 2; 1 1/2 LB. 9T35Y240 \$1.25

PRI: 117v 50-60cyc
SEC: 3/5v CT @ 2A
2/5v @ 2A
2/2.5v @ 10A
7x4x3 1/2 WT. 12 LB
GILFILLAN #54148-1
PRICE: \$5.95

PRI: 115 V. 60 CYC
SEC: 5 V. 2 AMP
5 V. 2 "
3 1/2 x 5 1/2 x 2 1/2; WT: 8 LB
#229611.389 \$1.95

HIGH VOLTAGE TRANSFORMERS

PRI: 109, 115, 120, 126, 60cyc
SEC: 2580 VOLTS EACH SIDE
CENTER TAP RATED AT
120 MA. 6500 P.W.V.

TESTS HAVE SHOWN THAT
UNDER LOAD TRANSFORMER
WILL DELIVER 2000 VOLT
DC 300 MA.

SIZE: 7 1/2 x 6 1/2 x 6; WT: 42 LBS.
TF1A02YY \$19.95

PRI: 105-125v
SEC: 50-60cyc
1100v CT @
250 MA
SIZE: 5 1/2 x 5 1/2 x 4 1/2
WT. 16 LBS.
UTC 52336 \$6.95

PRI: 105/110/115
120/125v 54-66cyc
SEC: 365V TAPPED
335 V. @ 500 MA.
4 1/2 x 5 1/2 x 3 1/2; 9 LB.
#ADC8691 \$2.95

PRI: 105-110-115-
120-125
SEC: 365 V 775 MA
TAP. 340 V 525 MA
850CT 30 MA
5 V 2 A
6x7x5" 30 LBS.
#GE7415214 \$4.95

PRI: 105-110-115
120-125
SEC: 560CT 75 MA
365 V 150 MA
TAP335 V
3 1/2 x 5 x 3 1/2; 8 LBS.
#TF1A02JA \$1.95

PRI: 117 V 60 CYC
SEC: 450 V 140 MA
12.6 20 AMP
5.0 2 "
4 1/2 x 6 x 4; 15 LB
E00 10498 \$6.95

PRI: 117V 60-400cyc
SEC: 750 VCT 55 MA
5.0
6.3 V @ 5 AMPB
3 1/2 x 3 x 4 WT 5 LBS.
#271-P-1 \$2.95

CIRCUIT PROTECTED
PRI: 110/220/440
50/60 CYCLE
SEC: 24 V 6 AMP.
6 V 1 "

CIRCUIT RESET
BREAKER 10 AMP.
FOR 4 1/2" SQ. BOX
MTG. ALSO 2 1/2" TER-
MINAL BOX W/KNOCK
OUTS.
SIZE: 7x4 1/2 x 5; 10LBS
FOSTER#DI1586
PRICE: \$6.95

VOLTAGE REGULATED
PRI: 90-130 VOLT
50/60 CYCLE
SEC: 29 VOLT 6 AM
SIZE: 8x5 1/2 x 4 1/2; 20LB
PHOENIX#PX-2017B
PRICE: \$5.95

PRI: 120V 50/60cy
SEC: 25V 3 VA
(120 MA.)
SIZE: 2x1 1/2 x 1 1/2 MOUN-
TED ON 4 1/2" ELECT.
BOX PLATE THAT
CAN BE RE-MOVED.
WT: 1LB. #AT75A1036
\$1.00

FURNACE CONTROL
TRANSFORMER
PRI: 115/230V 60c
SEC: 25v 1.8A
MOUNTED ON 4x4
PLATE WITH 2x4
ELECTRICAL JUNCT
BOX. WT. 4LBS.
\$1.50



PRI: 120/240v 60c
SEC: 16 v 8 AMP
16 v 8 "
SERIES SECONDARY
32 v 8 AMP
PARALLEL 16V16 "
4 1/2 x 4 1/2 x 13 LBS.
#1479-L018
PRICE: \$7.95



PRI: 115 V 60 CYC
SEC: 6.3 V 2.7 AMF
WITH 115 VOLT
INPUT, OUTPUT
WILL BE 15 v. 3 AMPS.
SIZE: 3 1/2 x 4 x 3 1/2; 8 LBS.
GE#7465106-P1 \$2.95

PRIMARY VOLTS
81, 163 & 230
50/60 CYCLE
SECONDARY VOL
11.7 CT. 3 1/2 A.
WITH 115 VOLT
INPUT, OUTPUT
WILL BE 15 v. 3 AMPS.
SIZE: 3 1/2 x 4 x 3 1/2; 8 LBS.
GE#7465106-P1 \$2.95

PRI: 115v 60 cyc
SEC: 2/6.3v 1.2A
SIZE: 3 1/2 x 2 1/2 x 5
WT. 4 1/2 LBS.
#7629809 \$1.75

PRI: 115v 60cyc
SEC: 40-0-40v .18A
3x3x5 WT. 5LBS
#7629808 \$1.50

PRI: 115v 60 CYC
SEC: 5.7v 21.8A
3 1/2 x 4 x 5 WT. 9LB
GE-7269149
PRICE: \$6.95

PRI: 115 V. 60 CYC
SEC: 54 V.C.T 2A.
13 V. @ 5 A.
4 1/2 x 4 x 3 1/2; 6 LBS.
82-70-5511 \$4.95

SAME TYPE AS ABOVE
115 v. 60 CYCLE; SEC. 52
VOLT C.T @ 2 AMPS #82705510
3 1/2 x 3 1/2 x 3 1/2; 4 LB. \$3.95

PRI: 200/220/240v
50-60 cyc
SEC: 10v CT @ 10A
4x4 1/2 x 5 1/2 WT. 11LBS
THERMADOR CS-8705
PRICE: \$3.95

PRI: 115 V 60 CYC
SEC: 35 V 12 AMP
4 1/2 x 6 x 4; WT: 15 LB

FURNACE CONTROL
TRANSFORMER
PRI: 115/230V 60c
SEC: 25v 1.8A
MOUNTED ON 4x4
PLATE WITH 2x4
ELECTRICAL JUNCT
BOX. WT. 4LBS.
\$1.50

FURNACE CONTROL
TRANSFORMER
PRI: 115/230V 60c
SEC: 25v 1.8A
MOUNTED ON 4x4
PLATE WITH 2x4
ELECTRICAL JUNCT
BOX. WT. 4LBS.
\$1.50

PRI: 115 V 60 C
SEC: 6.3 V 3.6 A
15 V.004 A
15 V.004 A
SIZE: 3x3 1/2 x 3 1/4 LBS
STK#ORD7629806
PRICE: \$1.50

PRI: 115 V 60 CYC
SEC: 6.3 V 2.75 A.
6.3 V 5.5 A.
SIZE: 3 1/2 x 4 1/2 x 3 1/2 LBS
STK#ORD7629805
PRICE: \$2.50

PRI: 115 V 60 CYC
SEC: 6.3 V 4 AMF
SIZE: 4x3x3 1/2 5 LBS.
STK#ORD7629823
PRICE: \$1.50

PRI: 120v 50-60cyc.
SEC: 5v CT @ 10.8A
SIZE: 5 1/2 x 3 1/2 x 3 1/2
WT. 8 LBS.
#L 217247-1
PRICE: \$3.95

PRIMARY VOLTS
81, 163 & 230
50/60 CYCLE
SECONDARY VOLTS
12 CT. 3 1/2 AMPS
12 CT. 3 1/2 "
13 CT. 10 "
@ 115v 2/16v-3A 1/17v
10A. SIZE 4x7x7 18LBS.
GE#7466333 \$5.95

PRI: 110v 60 cyc-
SEC: 6.3v 2A
12.5v 1.5A
SIZE: 2 1/2 x 2 1/2 x 4
WT. 4 LBS.
5950-556-1826
\$2.50

PRI: 120 V 60 CY
SEC: 2.5 V 10 A.
4 1/2 x 3 1/2 x 5; 8 LBS.
#229611.144
\$2.95

PRI: 120V 60 CYC
SEC: 35 V 12 AMP
4 1/2 x 6 x 4; WT: 15 LB

PRI: 115 V 60 CYC
SEC: 35 V 12 AMP
4 1/2 x 6 x 4; WT: 15 LB





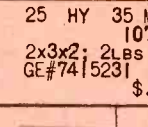
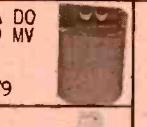



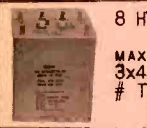
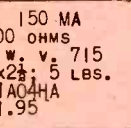


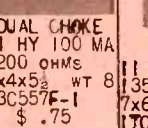
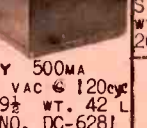

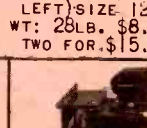
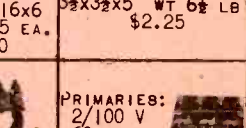
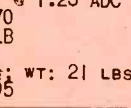
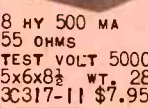
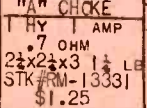




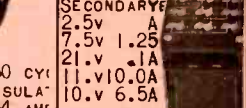
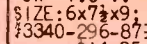
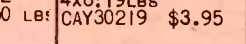
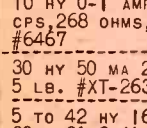
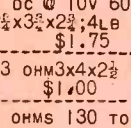

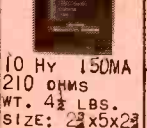
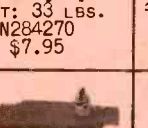
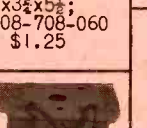


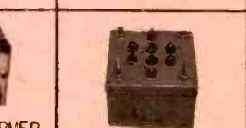
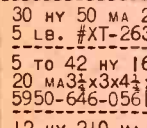
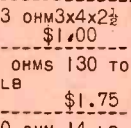
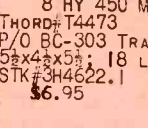
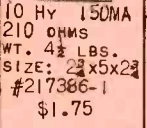

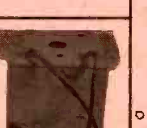



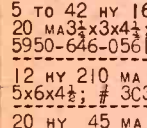
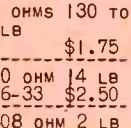
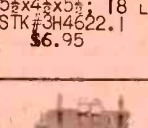
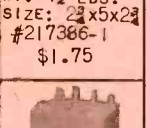


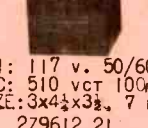

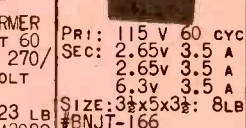
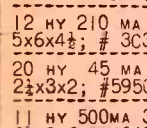
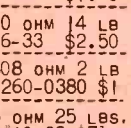


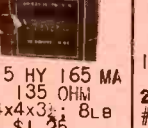
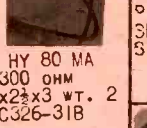
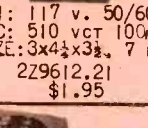
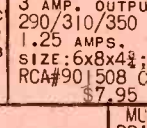
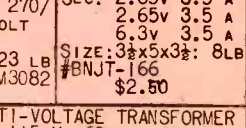
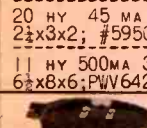
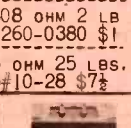


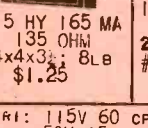
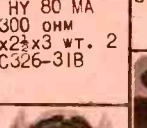

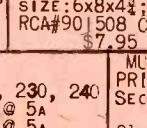
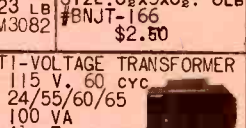

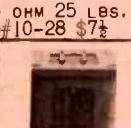
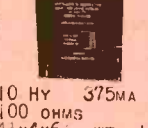

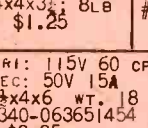


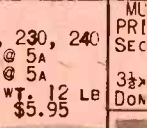
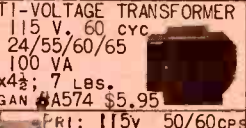


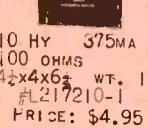
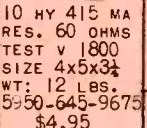
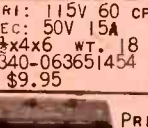



PRI: 115 V 60 CYC
SEC: 35 V 12 AMP
4 1/2 x 6 x 4; WT: 15 LB

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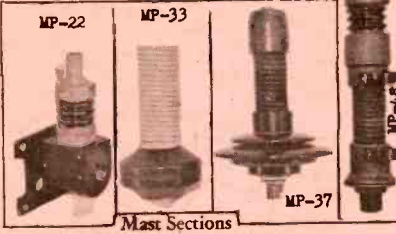
PRI: 115 V 60 CYC
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4 1/2 x 6 x 4; WT: 15 LB

 <p>30 HY 70 MA 550 OHM 2 1/2 x 2 1/2 x 3 1/2; 1 LB #3C325-6 \$1.25</p>	 <p>25 HY 160MA 350 OHM 3 1/2 x 3 1/2 x 4; 8 LB 36317-38 \$1.50</p>	 <p>20HY @ 20MA 5HY @ 450MA 50 OHMS 3 1/2 x 4 1/2 x 5 1/2; WT 14LB GILFILLAN BROS. #23483 SWINGING CHOKE \$4.95</p>	 <p>.5-.25 HY @ 2-.6 ADC #70HMS MAX DC 535V WVM 2 1/2 x 3 1/2 x 2 1/2 4 LBS. GE#9T35Y283 \$1.25</p>	<p>25 HY 35 MA DO 1070 MV 2x3x2; 2Lbs GE#7415231 \$.79</p> 	 <p>DUAL CHOKE 11 HY 100 MA 200 OHMS 4x4x5 1/2; WT 8 #3C557F-1 \$.75</p>	 <p>PRI: 206 V 60 CYCL ONE PHASE 10.6 KVA SEC: 30 V 115 VOLT PRIMARY SECONDARY 16 VOLT SIZE: 14x11x11 WT: 150 LB #ACME 2649 \$32.95</p>	 <p>SELENIUM RECTIFIER HALF OF FULL WAVE (FOR USE W/TRANS. T LEFT) SIZE 12x16x6 WT: 28LB. \$8.95 EA. TWO FOR \$15.00</p>	 <p>PRI: 117 v 50-60 TEST 1300 VOLT SEC: 33 v 35 v @ 1.2AMP WAHLGREN #1347 3 1/2 x 3 1/2 x 5 WT 6 1/2 LB \$2.25</p>									
 <p>8 HY 150 MA 100 OHMS MAX. W. V. 715 3 1/2 x 3 1/2 x 2 1/2; 5 LBS. #TF1A04HA \$1.95</p>	 <p>8 HY 500 MA 55 OHMS TEST VOLT 5000 5x6x8 1/2; WT. 28 3C317-11 \$7.95</p>	 <p>"A" CHOKE 1 HY 1 AMP 7 OHM 2 1/2 x 2 1/2 x 3 1/2; 1 1/2 LB STK#RM-13331 \$1.25</p>	 <p>12 HY 525 MA RES. 68 OHM TEST 2500 V. SIZE 6 1/2 x 7 1/2 x 5 WT: 33 LBS. #N284270 \$7.95</p>	 <p>14 HY 125MA 275 OHMS. 2 1/2 x 3 1/2 x 5 1/2; 308-708-060 \$1.25</p>	 <p>11 HY 500MA 1350 VAC @ 120cyc 7x6x9 1/2; WT. 42 L ITC NO. DC-6281 PPICE: \$8.95</p>	 <p>PRI: 110/120/ 50/60 cyc SEC: 120/140 CT. 7.1 AMP. SIZE: 6 1/2 x 7 x 6 1/2; WT: 47 LBS. #5950-268-8681 \$8.95</p>	 <p>PRI: 115 v. 60 cyc .25 KV INSULAT 6EC: 8.5 v. 54 AMF OR 7.5 v. 48 " OR 7.5 v. 32 " SIZE: 6x7 1/2 x 9; 50 LBS #3340-296-873 \$14.95</p>	 <p>PRIMARYS: 2/100 V 60 CYCLE SECONDARYS 2.5V 1A 7.5V 1.25 21V .1A 11V 10.0A 10V 6.0A SIZE: 8x 4x6; 19LBS CAY30219 \$3.95</p>									
<p>1.25 HY @ 1.23 ADC PWV 1070 TF1A04LB 6 1/2 x 5 x 4 1/2; WT: 21 LBS \$5.95</p>	 <p>8 HY 450 MA THORD#T4473 P/O BC-303 TRAN 5 1/2 x 4 1/2 x 5 1/2; 18 LB STK#3H4622.1 \$6.95</p>	 <p>10 HY 150MA 210 OHMS WT. 4 1/2 LBS. SIZE: 2 1/2 x 5 x 2 1/2 #217386-1 \$1.75</p>	 <p>15 HY 165 MA 135 OHM 4x4x3 1/2; 8LB \$1.25</p>	 <p>17 HY 80 MA 300 OHM 2 1/2 x 2 1/2 x 3 WT. 2 #3C326-31B</p>	 <p>PRI: 115V 60 CPS SEC: 50V 15A 4 1/2 x 4 x 6 WT. 18 LB #340-063651454 \$9.95</p>	 <p>PRI: 117 v. 50/60c SEC: 510 VCT 100mA SIZE: 3x4 1/2 x 3 1/2; 7 LB 229612.21 \$1.95</p>	 <p>AUTO-TRANSFORMER INPUT 100 VOLT 60 3 AMP. OUTPUT 270/ 290/310/350 VOLT 1.25 AMPS. SIZE: 6x8x4 1/2; 23 LB RCA#901508 CMM3082 \$7.95</p>	 <p>PRI: 115 V 60 cyc SEC: 2.65V 3.5 A 2.65V 3.5 A 6.3V 3.5 A 3x5x3 1/2; 8LB #BNJT-166 \$2.80</p>									
<p>Chokes</p>									<p>8 HY 100 MA 160 OHM 2 1/2 x 3 1/2 x 2 1/2; 3LB. #TR-1024 \$1.50</p>	<p>10 HY 0-1 AMP. DC @ 10V 60 CPS; 268 OHMS; 2 1/2 x 3 1/2 x 2 1/2; 4LB #6467 \$1.75</p>	<p>30 HY 50 MA 263 OHM 3x4x2 1/2 5 LB. #XT-263A \$1.00</p>	<p>5 TO 42 HY 160 OHMS 130 TO 20 MA 3 1/2 x 3 x 4 1/2; 7LB 5950-646-0561 \$1.75</p>	<p>12 HY 210 MA 50 OHM 14 LB 5x6x4 1/2; # 3C316-33 \$2.50</p>	<p>20 HY 45 MA 308 OHM 2 LB 2 1/2 x 3 x 2; #5950-260-0380 \$1</p>	<p>11 HY 500MA 35 OHM 25 LBS. 6 1/2 x 8 x 6; PWV6425#10-28 \$7</p>	 <p>PRI: 220, 230, 240 SEC: 14V @ 5A 20V @ 5A 4x4x5 1/2; WT. 12 LB CS8779A \$5.95</p>	 <p>PRI: 115V 50/60CPS VARIABLE OUTPUT 30- 135V 250 MA. 5x3x4 WT. 9LBS. NEW \$4.95</p>
 <p>5 HY 50MA 250 OHM 2 1/2 x 2 1/2; WT 1 1/2 STOCK # 3C3672 PRICE: \$.75</p>	 <p>6 HY 75 MA 150 OHM 3x3x2 1/2; WT: 2 1/2 STK#3316-7 PRICE \$.79</p>	 <p>10 HY 375MA 100 OHMS 4 1/2 x 4 x 6; WT. 13 #L217210-1 PRICE: \$4.95</p>	 <p>10 HY 415 MA RES. 60 OHMS TEST V 1800 SIZE 4x5x3 1/2 WT: 12 LBS. 5950-645-9675 \$4.95</p>	 <p>PRI: 115 V 60CY SEC: 100 V 2AMP 4x3 1/2 x 4 1/2; 8 LB. #IFX46-16 \$5.95</p>	 <p>PRI: 220/230/240V 50-60 cyc SEC: 2.5V CT @ 10A 5 1/2 x 3 1/2 x 3 1/2; WT. 6LBS 5950-648-4773 PRICE: \$2.95</p>	 <p>PRI: 120V 50-60 cyc 37 VA SEC: 3V @ 2A 6.3V @ 1A 5VCT @ 4A 3x3 1/2 x 5 WT. 7 LB BENDIX#L217336-1 PRICE: \$3.95</p>	 <p>PRI: 117v 50-60 cyc TEST 1500 VAC SEC: 6.3 VCT 1 AMP 6.3 VCT 7 AMP 3x3 1/2 x 5 WT. 7 1/2 LBS. #15-3418 \$2.95</p>	 <p>PRI: 115 V 60 cyc SEC: 24/55/60/65 100 VA 3 1/2 x 4 x 4 1/2; 7 LBS. DONAGAN #A574 \$5.95</p>									
 <p>7.5 HY 650 MA 5x6x7 31 LB T-47174 \$7.95</p>	 <p>6 HY 80MA P/O TG-10 SIZE: 2 1/2 x 2 WT. 1 1/2 LBS. #27294 PRICE: \$.89</p>	 <p>CHOKE 10 HENRYS @ 200 MA 135 OHMS 2000 VRMS 60 CYC 3 1/2 x 3 1/2 x 5 WT. 9LB BENDIX#L217380-1 PRICE: \$3.95</p>	 <p>10 HY 150 MA RES. 100 OHM TEST 3000 V SIZE 3 1/2 x 4 1/2 x 3 WT: 7 LBS. 3C323-6220 \$1.95</p>	 <p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4 1/2 x 5 1/2 x 7 1/2; 18 LBS. #5950-645-3891</p>	 <p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4 1/2 x 5 1/2 x 7 1/2; 18 LBS. #5950-645-3891</p>	 <p>PRI: 120V 50-60 cyc 37 VA SEC: 3V @ 2A 6.3V @ 1A 5VCT @ 4A 3x3 1/2 x 5 WT. 7 LB BENDIX#L217336-1 PRICE: \$3.95</p>	 <p>PRI: 117v 50-60 cyc TEST 1500 VAC SEC: 6.3 VCT 1 AMP 6.3 VCT 7 AMP 3x3 1/2 x 5 WT. 7 1/2 LBS. #15-3418 \$2.95</p>	 <p>PRI: 115 V 60 cyc SEC: 24/55/60/65 100 VA 3 1/2 x 4 x 4 1/2; 7 LBS. DONAGAN #A574 \$5.95</p>									
 <p>8 HY 250 MA RES. 100 OHMS SIZE: 4x4 1/2 x 6 WT. 13 LBS. 5950-646-0775 \$4.95</p>	 <p>3.9 HY 950 MA TAPPED 2.7 HY 25 OHM. D.C 2500 V. TEST 1 1/2 x 8 x 7; 45LBS. # 3C315-16 \$14.95</p>	 <p>10 HY 75MA DC 375 OHMS 1070 MV 2x2 1/2 x 1 1/2; 1 1/2 LB TF1AC4EA \$0.89</p>	 <p>BAND PASS FILTER 2320CYCLE WIDTH, BAND 1285-4200 CPS INPUT: 600 OHMS 250 OHMS OUTPUT: 120,000 OHMS 2 1/2 x 2 1/2 x 3 WT. 2 LBS. \$1.95 STK# 3Z1892-19</p>	 <p>LOW PASS FILTER 2.7 KC CUTOFF WITH BALANCED 600 OHM INPUT AND OUTPUT IMPEDANCE. SIZE: 1 1/2 x 5 1/2 x 3 1/2 WT. 4 LBS. STK 3Z1892-1.2 \$2.95</p>	 <p>AUDIO FREQUENCY PLATE COUPLING PRI: 30 OHMS SEC: 3000 OHMS 2 1/2 x 3 1/2 x 5 WT. 6 LB #229632.197 \$1.95</p>	 <p>AUDIO OUTPUT TRANSFORMER PRI: 10,000/2500 OHM SEC: 10/2:5 OHM 3 1/2 x 3 1/2 x 2 1/2; WT. 5LB. #29531 \$2.95</p>	 <p>115 VOLT 60 CYCLE #200-B 1 AMP. \$5.95</p>	 <p>115 VOLT 60 CYCLE 0-135 V 15 AMP \$24.95</p>									
 <p>8HY 300 MA RESISTANCE 90Ω OIL FILLED WT. 7.5 LBS. SIZE: 8x3 1/2 x 4 1/2 3340-310-190-04 \$5.95</p>	 <p>2/9.5H. 300 /50 MA RES. 75 OHM OIL FILLED WT. 9LBS. SIZE: 3 1/2 x 4 1/2 x 7 FREED #17986 \$3.95</p>	 <p>5.0 HY AT 10 60 CYC 400 M RES: 50 OHM SIZE: 6x4x4 WT. 13 LBS. #3521746 \$3.95</p>	 <p>115 V 50-65 CYC & AUX. VIBRATOR SEC: 444 CT 97MA 6.3 CT 3.2A 12.4V 390MA 4x3 1/2 x 3 1/2; 9 LBS. #5950-376-9600 \$4.95</p>	 <p>AUDIO OUTPUT TRANSFORMER PRI: 10,000/2500 OHM SEC: 10/2:5 OHM 3 1/2 x 3 1/2 x 2 1/2; WT. 5LB. #29531 \$2.95</p>	 <p>AUDIO OUTPUT TRANSFORMER PRI: 10,000/2500 OHM SEC: 10/2:5 OHM 3 1/2 x 3 1/2 x 2 1/2; WT. 5LB. #29531 \$2.95</p>	 <p>120V 50-60 cyc 37 VA SEC: 3V @ 2A 6.3V @ 1A 5VCT @ 4A 3x3 1/2 x 5 WT. 7 LB BENDIX#L217336-1 PRICE: \$3.95</p>	 <p>120 VOLT 400 CYCLE 3 PHASE (TANDEM) 2100 VA #60AG3S7 \$22.95</p>	 <p>12 VOLT 60 CYCLE SEC. 3.5 V 2.0 AMPS #5-1066 1.50</p>									
 <p>8HY 300 MA RESISTANCE 90Ω OIL FILLED WT. 7.5 LBS. SIZE: 8x3 1/2 x 4 1/2 3340-310-190-04 \$5.95</p>	 <p>2/9.5H. 300 /50 MA RES. 75 OHM OIL FILLED WT. 9LBS. SIZE: 3 1/2 x 4 1/2 x 7 FREED #17986 \$3.95</p>	 <p>5.0 HY AT 10 60 CYC 400 M RES: 50 OHM SIZE: 6x4x4 WT. 13 LBS. #3521746 \$3.95</p>	 <p>115 V 50-65 CYC & AUX. VIBRATOR SEC: 444 CT 97MA 6.3 CT 3.2A 12.4V 390MA 4x3 1/2 x 3 1/2; 9 LBS. #5950-376-9600 \$4.95</p>	 <p>AUDIO OUTPUT TRANSFORMER PRI: 10,000/2500 OHM SEC: 10/2:5 OHM 3 1/2 x 3 1/2 x 2 1/2; WT. 5LB. #29531 \$2.95</p>	 <p>AUDIO OUTPUT TRANSFORMER PRI: 10,000/2500 OHM SEC: 10/2:5 OHM 3 1/2 x 3 1/2 x 2 1/2; WT. 5LB. #29531 \$2.95</p>	 <p>120V 50-60 cyc 37 VA SEC: 3V @ 2A 6.3V @ 1A 5VCT @ 4A 3x3 1/2 x 5 WT. 7 LB BENDIX#L217336-1 PRICE: \$3.95</p>	 <p>120 VOLT 400 CYCLE 3 PHASE (TANDEM) 2100 VA #60AG3S7 \$22.95</p>	 <p>12 VOLT 60 CYCLE SEC. 3.5 V 2.0 AMPS #5-1066 1.50</p>									
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ANTENNAS

Mast Bases



3 ft. Tubular steel, copper coated and painted sections. These screw together to make any desired length. MS-49 being the top & smallest section increasing in size through MS-50-51-52-53 to MS-54 being the larger one. Either the MS-53 or MS-54 will fit together to form any additional height desired. Example a 33 ft. vertical may consist of one each MS-49, 50, 51, 52, and 7 each of MS-53 or it may be finished out on the bottom with 6 MS-54 sections. Self support to about 18ft. Average Wt. app. 3/4lbs. MS-49-50-51-52-53 .50gea. MS-54 .75ea

MS-49
MS-50
MS-51
MS-52
MS-53
MS-54

Mast Bases

MP-22 Side mount swivel mast base will tip to 90° either right or left. Has a spring snap lock in the vertical position, will take either the MS-53 or MS-54 mast sections. Size Mtg. plate 5" 6" X 10 1/2" high. Wt. 9 lbs. Price.....\$2.95

MP-22A Same as above except mounting hole is for the MS-51 with the MS-49, MS-50 and MS-51. This will make a 9 ft. tapered antenna. Price \$2.95

MP-48 MAST BASE FOR THE ABOVE MAST SECTIONS STARTING WITH MS-53 OR MS-54, HEAVY SPRING 2"x3 1/2", INSULATOR AT TOP, REQUIRES 1 1/2" HOLE MTG. SIZE: 3x16; 13 LB \$4.95

ADJOCK TYPE 3 ELEMENT BEAM ANTENNA IT INCLUDES A VERTICAL DIPOLE AND PHASE LOAD TUNING BOX WHICH PERMITS TUNING AND PHASING THE DIRECTOR AND RADIATOR ELEMENT AND PHASING OUT THE REFLECTOR ELEMENTS WHICH GIVE HIGH GAIN IN THE FRONT TO BACK RATIO IN THE 20 TO 40 MC. RANGE BY USE OF PLUG IN COILS WHICH ARE SUPPLIED. BEAM WT: 40 LB. SHPG. WT: 100 LBS. UNUSED \$7.95

PARABOLIC ANTENNA

DISH PAN TYPE, FOUR (4) FOOT DIAMETER ALUMINUM PAINTED GREY, 21" FEED FOR APPROX. 7100 MC. THREE INCH ROUND MTG. FOR WAVE GUIDE SIZE 1-5/16 x 5/8, FOUR (4) MOUNTING STUDS WITH HARDWARE.

PHILCO #463-2252-1. SHPG. WT. IN CRATE 225 PRICE: \$29.95 DEFROST ATTACHMENT \$5.00 EXTL LESS FEED SHIPPED IN CARTON WT. 75 LBS. SLIGHTLY DENTED \$15.00 FEED \$5



SIX HALF FT ANTENNA ANDREW # N-14519, DISH TYPE UY-2B 1700 TO 1850 MC. WITH FEED STUB, PIPE MOUNTING, ALUMINUM PAINTED GREY, 6 FT. 6 INCHES. SHPG. WT. 415 UNUSED \$49.50

REFLECTORS

MICROWAVE, PLANE TYPE CONFIGURATION, ALUMINUM, NOT PERFORATED.

MOUNTED BY FRAME WORK OF REFLECTOR AND BRACKETS WITH HARDWARE, GUYS AND ADJUSTMENT FOR AZIMUTH. SIZE: 8 FOOT X 6 FOOT, NET WT. 125 LBS. SHPG. WT. 375. PRICE: \$50.00



- AS-150/ART Whip Antenna 30" long with 8ft. matching coax cable & SO-239 plug. \$1.50
- AS-97/ART Whip same as above except 72" rod. 1.95
- AS-27/ARN-5 Horizontal folded dipole as used with RC-103, BC-733, ARN-5 Equip. on airplanes. 108-110 MC. UNUSED \$5.95
- AN-148 Dipole Antenna 150 to 180 MC. 2.95
- AN-104A Stub Antenna f/SCR-522 100-156MC. 1.95



APS-2 REFLECTOR

POLISHED SPUN ALUMINUM. BAND CAN BE REMOVED. DIAMETER 29" x 27" FOCAL LENGTH 5" HOLE DIAMETER 2 1/2" SHPG. WEIGHT 6 LBS. PRICE: \$5.95

IN-86

STRAIN INSULATOR Size 1x3 4 for \$1.

AS-125/APR ANTENNA; FOR USE W/RECEIVERS IN THE 1000-6000 MC. FREQ. RANGE, 6" MOUNTING W/HARD. JG-22 COAX. RECEPTACLE. SIZE: 6x8; 4LB. \$2.95 UG-21 COAX. CONNECTOR TO FIT ANTENNA 50¢



AT-598/APT WHIP ANTENNA 30 1/2" LG. WITH COAX. REC. F/UG-100A/U. WT: 5 LBS. \$1.50 MATCHING COAXIAL LINE RG-14 11" W/2UG-100, 1 UG-109 \$2.

AT-35 DIPOLE 200-250 Mc. COAXIAL CONN. WITH UG-22 2A288A-35 \$1.50

SPREADER INSULATORS WHITE CERA 3/4"x4" 2 1/2" HOLE. CENTERS. \$2.25 EACH 5 FOR \$1.00 3/4"x12" 1 1/2" HOLE CENTERS \$4.45 EACH, 3 FOR \$1.25

AN-109 WHIP ANTENNA: 5 FT. TAPERED 1/4 TO 1/8 PRICES: \$1.50 EACH SIX (6) FOR \$3.00

AN-117 WHIP ANTENNA: 6 FT. TAPERED 5/8 TO 1/8 PRICES: \$1.50 EACH SIX (6) FOR \$3.00

TRANSMITTING LEAD-IN INSULATOR, 15" LG. THREADED ROD W/CONE INSULATORS 2/x2x1 EA. END, 8" ADJUSTABLE INS. BETWEEN CONES. #4238, 2LB \$2.00

AN-745 TELESCOPING WHIP 8 FT. TAPER 5/8-1/8 PRICE: \$1.00 EACH SIX (6) FOR \$4.00

AN-130 GOOSENECK WHIP 30", SCREW BASE FITS INSULATOR LISTED BELOW. PRICE: \$1.00 EACH SIX (6) FOR \$4.00

AN-20T CHROME TELESCOPING 20" PRICE: \$.50 EACH SIX (6) FOR \$2.00

2A-124 ALUMINUM ROD 3/8" X 6 FT. NO TAPER PRICE: .75 EACH SIX (6) FOR \$3.00

PARABOLIC ANTENNA REFLECTOR 13" DIAMETER, 2 1/2" FOCAL, 3/4" HOLE P/O AS-217 ANTENNA. 2LB #2A3163 PRICE: \$1.95

RADIATING STUB FOR PARABOLIC ANTENNA 1 1/2" LG. TO FIT WAVE GUIDE 3/8x7/8. #7628350 1LB. PRICE: \$1.95

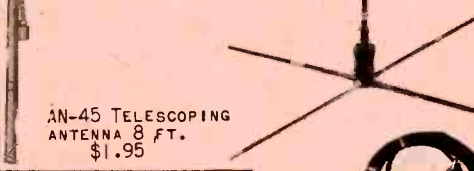
A-62 PHANTOM ANTENNA

USED WITH BC-604 TRANSMITTER FOR LOADING TRANSMITTER WITHOUT USE OF REGULAR ANTENNA. CAN BE USED FOR ANY TRANSMITTER IN THE 21 TO 28 MC. BAND. HAS A VARIABLE CAPACITOR 55 MMF., 2 RESISTORS, COIL SLUG TUNED, BINDING POSTS AND INDICATOR LAMP THAT LIGHTS WHEN TRANSMITTER IS LOADED. SIZE 3x6. WT: 4 LBS



GROUND PLANE ANTENNA

Ground plane antenna to cover 20 to 50 MC. Made from surplus insulated base & screw in type mast sections. Mounts on 1 to 2 inch pipe. Specify operating frequency range. \$10.95



AN-45 TELESCOPING ANTENNA 8 FT. \$1.95

INSULATOR TERMINAL STRIP 8 feed thru insulators size 1/2 x 1, mounted on 1 x 9 terminal strip. Each strip \$3.35 Four strips \$1.00

ANTENNA PHOSPHOR BRONZE #16 1 CONDUCTOR WITH 2 SNAPS & SLIDE CONNECTOR, INSULATED. AN-22 " 20 " .65

AB-52/TRC-8 HALF WAVE DIPOLE ANTENNA & REFLECTOR 230-250 MC. 50 OHM COAX. CABLE FEED DIPOLE 3/4" DIA X 20" LG. 14" SUPPORT, UG-22 COAX FITTING, REFLECTOR 36x36, FOLDS TO 30"x23"x8", MOUNTS TO MAST HEAD BY MEANS OF ADJUSTABLE CLAMPS AND CAN BE USED FOR HORIZONTAL OR VERTICAL POLARIZATION. WT: 20 LBS. PRICE: \$3.95

UG-21 COAX. CONN. TO FIT ANTENNA \$.75

AN-190 LOOP ANTENNA, FREQ UENCY RANGE 3.5 TO 6 MC. CONSISTS OF 5 TURNS OF WIRE ON A COLLAPSIBLE WOOD FRAME WITH HANDLE, 3FT OF CABLE WITH PLUG AND COUPLING ADJUSTMENT. CAN BE USED ON OTHER FREQUENCY SIZE: OPEN 21x27 1/2, CLOSED 17x3; WT: 4 LBS. \$1.50

MN-20 MANUAL ROTATABLE LOOP ANTENNA, USED AS A DIRECTION FINDING ANTENNA IN THE 150 TO 1500 KC FREQ. RANGE WITH MN-26 & RA-10 RECEIVERS OR ANY OTHER TYPE IN THIS RANGE USED \$2.95 UNUSED \$3.95

MN-52 AZIMUTH CONTROL BOX W/O-360 DEG. DIAL, LIGHT & CRANK USED WITH MC-124 FLEXIBLE SHAFT THAT IS CONNECTED TO THE LOOP AND WHEN CRANK IS TURNED LOOP TURN UNUSED \$2.95

MC-124 FLEXIBLE SHAFT FOR USE WITH LOOP AND CONTROL BOX, 5 1/2 FT. \$1.95 EACH EXTRA FT. 25¢ SPECIFY SHIP CLOSE

CABLE FOR ANTENNA LEAD IN 5 WIRE SHIELDED WITH PLUG TO FIT LOOP OTHER END BARE WIRE 8 FT. LG. #AC58267 \$1.95

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS THAT TUNES FROM 200 TO 1750 KC, OPERATES FROM 26 VOLT 400 CYCLE SIZE: 10x11x5; WT: 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95

RADAR ANTENNA RCA #636500-1 24" PERFORATED REFLECTOR, 12" STUB, 1/4 H.P. MOTOR 208 V. 400 CYC. 3 PHASE 360 DEG. ROTATION, 22.5 VARIABLE ANGLE, AY-221S RESOLVER, 36/11.8 V. 400 CYC, 2 PHASE, RELAYS ETC. SIZE: 24 x 24 x20; WT: 40 PRICE: USED \$19.95

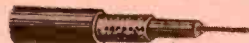
A-27 PHANTOM ANTENNA USED W/ BC-653/191 100 W. TRANSMITTERS FOR TUNING & LOADING. CONTAINS 0-150 MMF, WIDE SPACED 3/16" VARIABLE COND. & 2/12 OHM 40 W. NON-INDUCTIVE RES. IN METAL BOX W/KNOB & 0-100 SCALE. WT: 3 LBS. 3 1/2 x 7 1/4; PRICE: USED \$1.95 RE-NEW \$2.95

AS-81/GR DIRECTIONAL ANTENNA SYSTEM: DESIGNED FOR USE WITH RECEIVERS 1.1 TO 4.2 MC FOR UNI DIRECTIONAL RECEPTION, WITH 2 LOOP ANTENNAS AND ONE TELESCOPING WHIP. THE SENSING CIRCUIT IS TUNEABLE USING A 12J5 TUBE AND IS POWERED BY A 12 VDC VIERATOR POWER PACK THAT IS SUPPLIED IN THE UNIT. THE COMPLETE UNIT AS DESCRIBED COMES IN A CARRING CHEST 15 1/2 x 14 x 20 1/2 WITH CABLES & MANUAL. PRICE: RE-NEW \$19.95

SMALL ANTENNA INSULATORS Insulating material made of polystyrene Size 1 1/2 x 1 1/2 Mtg. hole 3/4" Receptacle size 3/8 x 2 1/4 TH. STOCK # 223021-227 Fits ANT. AN-130, 131, Size 7/8 x 1 1/2 Mtg. hole 5/8" Receptacle size 1/2 x 20, TH. Fits any of the UHF Rods Stock # 223062-237 Specify type each \$.75

NEON LIGHTING ARRESTOR HI-POWER 4 for \$1

CABLES NEW COAXIAL CABLE



NEW MANUFACTURE AND BRANDED WITH STANDARD TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-BETWEEN LENGTHS USE THE HIGHER PRICE. LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

	100 FEET	500 FEET	1000 FEET	5000 FEET
RG-8/U	52 OHM .12	.11	.10	.10
RG-11/U	75 OHM .20	.18	.17	.16
RG-58/U	53 1/2 " .05	.05	.05	.04
RG-59/U	73 " .05	.05	.05	.04

PRICES ARE PER FOOT

NEW COAXIAL CONNECTORS

SO-239	PL-259	M-359	PL-258 JUNCTION
\$.45 EA.	\$.45 EA.	\$.49 EA.	\$.89 EA.
10 OR MORE	10 OR MORE	10 OR MORE	10 OR MORE
\$.39 EA.	\$.39 EA.	\$.45 EA.	\$.80 EA.

TYPES MAYBE ASSORTED TO OBTAIN THE LOW PRICE

Coaxial Cable FOR LESS THAN 3c Per Foot! RG-54 A/U CABLE-



DESIGNED FOR LONG LIFE & CONSTANT ATTENUATION 58 OHMS, .250 OD. WITH POLYETHYLENE JACKET.

370 FOOT ROLL \$10.00 70 FOOT ROLL \$1.95

LESS THAN SPECIFIED LENGTHS .03 PER FOOT

COAX CABLE ASSY.

TYPE	OHMS	LENGTH	CONNECTOR	STOCK#	PRICE
RG-8/U	52	30FT	2/UG-21	CG-55	\$1.75
RG-8/U	52	8FT	2/PL-259	CA-102	.75
RG-21/U	53	10FT	UG/21/22	CD-780S	.35
RG-22/U	95	40FT	PL/284	CD-879	.75
RG-22/U	95	46 1/2 FT	PL-284	CD-878	.80
RG-22/U	95	50FT	PL-284	CD-877	1.00
RG-62/U	93	10FT	2/UG-88	CG-1410	.35
RG-62/U	93	22FT	2/UG-88	CG-1410	.75
RG-62/U	93	35FT	2/UG-88	CG-1410	1.00
RG-62/U	93	130FT	2/UG-88	CG-1410	1.95

CABLE #	PLUG #	LENGTH	USED WITH	PRICE
3E7243-2	GK12-23 1/2	52 IN.	TCS/REC-PS	\$2.75
3E7273-19	SKC16-23 1/2	29 IN.	TCS/TRS-PS	2.75
CD-515		48 IN.	BC-669	5.95
CD-501	F/BC-654 & PE-103			4.95
CD-548	2EA PL118	9 FT.	TEST SET	4.95
CD-549	2/ PL-112	9 FT.	TEST SET	4.95
CD-526	2/ PL-153	5 FT.	274 N SERIES	4.95
CD-532	2/ PL-152	5 FT.	" "	2.75
CD-509		8 FT.	BC-659/620	2.75

ATTENUATOR

IMPEDANCE MATCHING ASSEMBLY WITH 52 OHM CABLE 20" LONG, PL-259 CONNECTORS EACH END AND ATTENUATOR WITH 3" SLIDING ADJUSTMENT AND FEED THRU CONNECTORS EACH END. ATTENUATION 30 DB TO 100 DB 30 TO 450 MC. Stock# 22396-7 PRICE: USED \$1.25 UNUSED \$1.95



CORDS AND CONNECTORS	
#3701	9 1/2" RG-71/U WITH BNC CONNECTORS UG-260/U AND CHASSIS CONNECTOR. \$.85
#6784	3 1/2" COAX WITH BNC CONNECTOR UG-260B/U AND UG-262B/U \$.50
#0156	6 1/2" RG-9A/U WITH 2 CONNECTORS UG-21D/U \$.65

CRYSTAL TESTER

TS-268/U CRYSTAL RECTIFIER TEST SET: USED FOR TESTING DIODE CRYSTAL RECTIFIERS, CONTAINS 3 1/2" METER, 1 MA. FULL SCALE MOVEMENT WITH 0-1 DC MA AND 10 TO .1-0 KILOHMS, ALSO 5 POS. SELECTOR SW. ADJ. CONT. & PUSH SW. OPERATES FROM DRY CELL STANDARD BATTERY. USED TO CHECK 1N-21 & 1N-23 CRYSTALS ETC. SIZE: 4 1/2 x 7 1/2 x 4; WT: 5 LBS. PRICE: USED \$5.95

DUMMY LOAD

AN/URM-13 DUMMY LOAD FOR TRANSMITTER IN THE 100-400 MC RANGE 5 TO 20 WATTS. DA-38/URM-13 DUMMY LOAD WITH UG-21 COAX. CONN. AND FOUR MAZADA 1476 LAMPS, FOUR EXTRA LAMPS AND 1 UG-83 ADAPTER THAT ADAPTS UG-21 TO PL-259, IN METAL BOX 2 1/2 x 4 1/2 x 2 1/2; 1 LB. PRICE: USED \$2.95



TS-238/TS-207 ECHO BOX WITH 200 DC MICROAMPERES METER 3" AND CRYSTAL ADAPTER FOR RF ENERGY. ECHO BOX IS A RESONANT-CAVITY DEVICE DESIGNED TO SIMPLIFY THE TUNING AND CHECKING OF RADAR BY PROVIDING AN ARTIFICIAL OR "PHANTOM TARGET WHICH MAY BE USED IN USED IN TUNING THE RECEIVER TO THE TRANSMITTER IF NO REAL TARGETS ARE AVAILABLE PROVIDES A CLEAR, STEADY ECHO OF KNOWN CHARACTERISTICS WHEN SUCH AN ECH IS NOT OBTAINABLE FROM NEAR BY GROUND TARGETS. REQUIRES UG-21 COAX. CONN. SIZE: 11x15x7; WT: 15 LBS. PRICE: RE-NEW \$15.00 UG-21 COAXIAL CONNECTOR FOR ABOVE UNIT. 75¢

RANGE SERVO TEST SET

MA-1 RANGE SERVO TEST SET USED FOR TESTING AND TROUBLE SHOOTING AIR FORCE TYPE E "A" SERIES RANGE SERVOS. SPECIFICALLY, THE TEST PROVIDES A MEANS OF MEASURING THE VARIOUS OPERATING VOLTAGES OF THE RANGE SERVO UNITS AND LOCALIZING THE TROUBLE WITHIN A RADAR GUNSIGHT SYSTEM. CONTAINS 3 1/2" 50 MICRO-AMP METER WITH 0-60 0-150 SCALES IN RED FOR ACV & 0-50/500 VDC SCALE IN BLK. SELECTOR SWITCHES, INDICATOR LIGHTS AND FOUR GORN CONNECTORS 12M & 12F WHICH ARE MALE & FEMALE 12 CONTACT ALSO CABLE WITH MATCHING DETACH PLUGS. SIZE: 10 1/2 x 10 x 7 1/2 IN ALUMINUM CASE. WT: 18 LBS. PRICE: RE-NEW \$18.95

RADIOSONDE

AN/AMT-2 RADIOSONDE: CONSISTS OF TWO MAJOR COMPONENTS: T-69/AMT-2 TRANSMITTER F-2 EMISSION (FM) 390 TO 410 MC RANGE, WITH TUBES 1/1L4 & 1/955 BATTERIES REQ. BB-208 DESCRIBED BELOW. ML-3100 MODULATOR WITH SENSOR MECHANISM CONTAINING ELEMENTS CONTROLLED BY PRESSURE, TEMPERATURE AND HUMIDITY WHICH IS THEN TRANSMITTED. UNIT IS ATTACHED TO TRANSMITTER WITH CLIPS AND CONNECTED BY CABLE. BB-208 BATTERIES ARE DRY CHARGED AND PLUG-IN TO THE TRANSMITTER BOX. CONSISTS OF 3/36 VOLT & 1/6 V. EQUIPMENT IS INTENDED TO BE TAKEN ALOFT BY A FREE BALLOON AND TRANSMIT METEOROLOGICAL INFORMATION TO A GROUND STATION. ACTUAL WEIGHT 2 LBS. SHPG. 3 LBS. ALL 3 \$3.95



TS-328A/U FREQUENCY METER 400 CYCLE POCKET TYPE IN CASE W/TEST LEADS, 9 REELS 380-420 CYCLE 3x6x4; 2 LBS. PRICE: USED \$7.95

T-650 AC OUTPUT METER: SCALES 0-1.5/6/15/60/150 SIZE: 3x6x3; WT: 3 LBS. USED CHECKED \$4.95 "AS-IS" \$2.

URC-4 TEST SET

TS-684/URM-30 ANALYZER FOR URC-4 RADIO SET. ALIGNMENT AND TESTING CONTAINS 0-1 MA METER, METERING SWITCH, CRYSTAL OSCILLATOR, ANTENNA CABLES ETC. IN METAL CARRYING CASE. SIZE: 6X6X4; WT: 4 LBS. NEW \$8.95

BC-221 FREQ. METER

HIS IS A SIMPLE ACCURATE AND RELIABLE CRYSTAL CALIBRATED FREQUENCY INDICATING INSTRUMENT FOR USE IN THE 125 TO 20,000 KC. RANGE, WITH A NORMAL OPERATING ACCURACY OF LESS THAN .02%. CAN ALSO BE USED AS A SIGNAL GENERATOR OR VARIABLE FREQ. OSCILLATOR.

OPERATING VOLTAGE REQUIRED FOR DRY CELL OPERATION 6 VDC .9 AMP. & 135 VDC 20 MA. SIZE: 10x13 1/2 x 10; WT: 25 LBS.

UNITS MAY BE IN WOOD OR METAL CASES VARIOUS LETTERS, COMPLETE WITH TUBES, CRYSTAL, ORIGINAL CALIBRATION BOOK. PRICE: USED CHECKED FOR OPERATION \$79.50

TS-175 FREQ. METER 85-1000 MC

SAME AS BC-221 BUT WITH DIFFERENT FREQUENCY AND WITH MODULATION. USED CHECKED \$125

OSCILLOSCOPE

TS-49/TRC-6 OSCILLOSCOPE USED FOR VIEWING AND ADJUSTING THE PULSE CIRCUITS IN THE TRC-6 MULTIPLEX UNIT. OPERATES FROM 115 V 50/60CY WITH TUBES 3BP1, 3/6AK5, 2/6V6GT, 4/12L8GT, 1/VR-105, 1/2X2 & 1 5R4GY. CONTROLS FOR HORIZ./FOCUS/INTENSITY, ADJ. TIMING/ADJ. AMP./ATTENUATOR/SYNC. INT. EXT./TIMING ON/OFF SW/UG-23 COAX. RECEPT. FOR VERT. OUTPUT. FOR USE OF PROBE & CONN. FOR EXT. SYNC. W/SCHEMATIC ILLUSTRATION IS SHOWN LESS COVER. AC CONN. \$1.5 SIZE: 17 1/2 x 14 x 10 1/2; WT: 40 LBS. USED \$24.95

RADAR INDICATOR

10-93/AFG-13A RADAR INDICATOR USING A 3" SCOPE TUBE 3BP1, 2/6H6, 6/6SN7, 1/5Y3 & 1/2X2 TUBES. POWER REQUIRED 115 VOLT 380-1600 CYCLE, CONTROLS FOR VERT. HORIZ., INTENSITY, ZERO SLOPE, MARKER AMPLITUDE, RECEIVER GAIN, YARDS RANGE, FOCUS ETC. 28 VOLT D.C. REQ. FOR BLOWER, AC OR DC FOR FILAMENT. SIZE: 8x10 1/2 x 16; WT: 25 LBS. NEW \$18.95

BC-745 TRANSMITTER-RECEIVER A.M. CHASSIS; 2 TO 6 MC. CRYSTAL CONTROL FIXED FREQ. BY USE OF PLUG IN UNITS. (SEE PAGE 5 FOR DESCRIPTION SIZE: 12 1/2 x 6 x 6; WT: 7 LB. LESS TUBES \$3.95

1-83 DYNAMOTOR TEST SET

TEST SET USED FOR CHECKING 14 VOLT OR 28 VOLT DYNAMOTORS. VARIABLE INPLT & OUTPUT CONTROLS ENABLE SIMULATION OF LOAD CONDITIONS. 3" METERS FOR MEASURING INPUT & OUTPUT VOLTS 0-35 VDC & 500 VDC RESPECTIVELY. INPUT CURRENT 0-10 AMPS, OUTPUT 0-250 MA. ALSO METER FOR MEASURING PERCENTAGE OF RIPPLE IN THE INPUT & OUTPUT. (THIS IS NOT A DC POWER SUPPLY ONLY A TEST UNIT) SIZE: 12 1/2 x 12 1/2 x 10 1/2; WT: 23 PRICE: USED \$18.95 CONNECTOR, CABLE & TERMINAL STRIP... \$2.75

HIGH CAPACITY CAPACITORS

HIGH CAPACITY CAPACITORS IN BANKS OF TWENTY OR INDIVIDUALLY. 16x13x5, WT 40 LBS. FOR RACK MOUNTING. SOLA 25,000 MFD @ 25 VDC SINGLE \$1.95 BANK \$28.50 MALLORY 20,000 MFD @ 25 VDC SINGLE 1.50 BANK 24.50

FREQUENCY POWER METER


FREQUENCY POWER METER ME-51/UP FREQUENCY COUNTER 1100-3999 CALIBRATED TO FREQUENCY 3100MC TO 3500 MC. HAS 0-1.5 MA; 0-25 MW METER. WITH CABLES. IN METAL CARRYING CASE, 18 LBS. 8 1/2 x 9 1/2 x 9 1/2 USED \$19.95

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LIMITED SUPPLY

TS-16/APN	ALTIMETER TEST SET	\$ 20.00
TS-26	TELEPHONE LINE TEST SET	20.00
TS-27	TELEPHONE BRIDGE TEST SET	50.00
TS-35	SIGNAL GENERATOR X BAND	40.00
TS-62	RADAR ECHO BOX 9200-9630	45.00
TS-69	FREQ. METER CAVITY 400-1Mmc	35.00
TS-67-C-Mod.	SIGNAL GENERATOR ILS	50.00
TS-89	VOLTAGE DIVIDER	12.00
TS-92	AMPLIFIER ALIGNMENT TEST SET	20.00
TS-107	WAVE & POWER METER 500-1500mc	75.00
TS-125	POWER METER FOR UPM-33	30.00
TS-126	RANGE CALIBRATOR w/2" SCOPE	30.00
TS-173	FREQ. METER 90 TO 360 MC	75.00
TS-186	FREQ. METER 10-10,000 MC	150.00
TS-224	SIGNAL GENERATOR	25.00
TS-280	ECHO BOX FOR TPS-3	20.00
TS-375	VACUUM TUBE VOLTMETER	50.00
TS-452	SIGNAL GENERATOR/WAVE-METER	100.00
TS-497	SIGNAL GENERATOR 2-400 MC	225.00
TS-573	RANGE CALIBRATOR	50.00
TS-488	ECHO BOX	40.00
GENERAL RADIO		
619E	HETERODYNE DETECTOR 25-5000	75.00
GAG-60009	R.F. BRIDGE 25-5000 KC	95.00
539-K84	VARIABLE AIR CONDENSER WITH DAVEN DECADE RES. BOX 750G	75.00
LAF	RF SIGNAL GENERATOR 100-800MC	95.00
700A	WRBF OSCILLATOR 50-40KC	
	10 KC-5 MC	75.00
616D	FREQ. METER 100 KC-5200 KC	75.00
LR-3	FREQ. METER & CRYSTAL CALIB.	95.00
AN/URM-16 & 18'	TEST SET IN 2/6' RACKS	325.00
I-107	VOLT-OHM-METER	15.00
I-176	MULTIMETER	18.95
I-126	SIG. GEN. 14-25/180-230 MC	40.00
I-203	POWER METER	15.00
I-222	SIGNAL GEN. 8-15/150-230	35.00
LS-1	SIGNAL GENERATOR 90-95 MC	20.00
AN/UPA-1B	DETECTOR AMP. ASSY.	U 30.00
AM-405 AF-RF	AMPLIFIER 1000-1700MC	U 50.00
AN/UPA-39A	CODER-DECODER GROUP	U 40.00
AN-/UPM-40	RANGE CALIBRATOR RE-NEW	U 75.00
AN/GPM-17	TRANSPONDER TEST SET	U 75.00
AN/UPM-11	RANGE CALIBRATOR	75.00
AN/UPM-25	RADAR TEST SET, FREQ., POWER SPECTRUM, BANDWIDTH ETC.	75.00
AN/UPM-35	COMPUTER TEST SET	50.00
OSCILLOSCOPES		
TEKTRONIC 570	CHARACTERISTIC CURVE TESTER w/5" SCOPE & METER	\$300.00
TEKTRONIC 524D	5" OSCILLOSCOPE	275.00
DUMONT 275	POLAR COORDINATE 5" IND.	75.00
AN/USG-24R	OSCILLOSCOPE, COMPLETE	125.00
DUMONT 304	" 5" C.R	75.00
LFE-401 LAB.	FOR ELECTRONICS 5"	175.00
LAVOIE 1055M	MICROWAVE FREQ. METER (375 TO 725 MC)	\$40.00
LAVOIE 1055M	FREQ. METER 375-725 MC	40.00
CRV-35006	H.F. OSCILLATOR 100-225 MC	60.00
RUTHERFORD A-2	TIME DELAY GENERATOR	45.00
OCT-2	FREQ. SHIFT MONITOR 1 MC-26 MC	65.00
FR-72/UP	TUNED CAVITY 8500-9000 MC	49.50
FERRIS #32	FIELD STRENGTH & NOISE METER 160-350KC & 550KC-20MC	60.00
ETC K-26	OSCILLOSCOPE/DUAL BEAM 5"	175.00
VECTRON SA-20	SPECTRUM ANALYZER	175.00
AN/APS-4	RADAR SET X BAND	195.00
AN/APS-3	RADAR SET X BAND	295.00
BC-969-T1	RECEIVER 15-150 KC w/SUPPLY LESS/ "	80.00/60.00
CRV-46136	RECEIVER 100-1500KC w/ " LESS/ "	80.00/60.00
USCG R-100	REC. 90-1500 Kc WITH " LESS 2	55.00/35.00
RDZ-1	RECEIVER AM 200-400 MC	50.00
RCK	" AM 110-160 MC	50.00
BC-6527	" AM 2.0-9.0 MC	29.95
RCA SSB-3	RECEIVER SIDE BAND FILTER, DIVERSITY PHONE COMBINER, POWER CONTROL AND POWER SUPPLY, RACK MGT.	125.00
BC-329	TRANSMITTER 25 W. 200-400 KC	60.00
BC-654	TRANSMITTER 3800-5000 Kc.	29.50
BC-1335	TRANS-REC. 27-38.9 Mc	24.95
M.A.W.	TRANS-REC. 110-156 Mc	39.50
MARK II No.19	TRANSCEIVER 2-8 Mc/240MC	39.95


ALL OF THE ABOVE ITEMS ARE SOLD AS USED
 MOST OF THE ITEMS ARE IN SHORT SUPPLY.
 IF YOU WANT MORE INFORMATION PLEASE WRITE.




STROWGER RELAY SWITCHING DECKS THAT MOUNT ON THE END OF THE ASSY. SHOWN TO THE LEFT 2 ASSEMBLIES OF 10 DECK 10 CONTACT. WT: 4 LBS. #10010C
 PRICE: USED \$1.00 WIPER ARMS 25¢ EA.



EE-101 TELEPHONE RINGING EQUIPMENT USED FOR CONVERTING 20 CYCLE RINGING TO 1000/20 CYCLE ALSO 1000 CYCLE TO 20 CYCLE FOR OPERATING TEL. DROPS ON 2 CHANNELS. OPERATES FROM 115/230 V. 60/60 CYCLE OR 12 VDC. WITH TUBES 6/6SJ7, 1/6V6GT. 19x9 RACK MGT. SHIPPED IN WOOD CHEST 100 LBS.
 PRICE USED \$9.95




TG-30 REPEATER, TELEGRAPH TERMINAL FOR TRANSMITTING OR RECEIVING ON A HALF DUPLEX ONE CHANNEL OPERATION. CAN BE USED TO INTERCONNECT NEUTRAL AND POLAR ENTIAL OR TWO PATH POLAR TELEGRAPH OR TELETYPEWRITER SYSTEMS ON SIMPLIFIED OR COMPOSITED RETURN CIRCUITS. SPEED 60/66. OPERATES FROM 115/230 V. 50/60 cyc & 115 VDC SHIPPED IN WOOD CHEST 25x16x14; 175 LBS
 PRICE: USED \$9.95 RE-NEW \$16.95



TELEGRAPH REPEATER WE#61824A, TWO COMPLETE UNITS WITH RECTIFIERS THAT OPERATE FROM 115 V. 50-60 CYCLE. THE REPEATERS ARE DESIGNED TO OPERATE AT TELETYPE SPEEDS, OPEN WIRE COMPOSITED OR SIMPLEX CIRCUITS, 2 PATH POLAR OR OTHER FORMS OF TRANSMISSION. METERING, PATCHING JACKS, TESTING, MONITORING AND ADJUSTING CONTROLS ARE ALL AVAILABLE ON THE FRONT PANELS. THE UNIT IS HOUSED IN A METAL CABINET WITH A HINGED DOOR FRONT & BACK. SIZE: 22 1/2 x 17 x 4 1/2; WT: 200 LBS. RE-NEW PRICE: LESS PLUG-IN RELAYS RE-NEW \$19.95 WITH " " " RE-NEW \$34.95


RECORDER-VISUAL




BC-1323A RECORDER-REPRODUCER AUDIO-VISUAL, USED TO RECORD ON STEEL TAPE 48" LONG 3 CHANNELS AUDIO FROM MICROPHONES, 64 OHM RECORDING HEAD, TAPE SIZE .050 W.X.002 TH.6" PER. SEC. RECORDING SPEED. DISPLAY ON 2" 913 CR TUBE VIEWED THRU RUBBER EYE PIECE. OPERATES FROM 6 VDC 5.5 AMP. WITH 10/9001, 1/6AK6 & 1/913 CR TUBES.
 SIZE: 8x28x6; WT: 40 LBS. USED \$9.95

PORTABLE REPEATER


EE-89 TELEPHONE REPEATER; PORTABLE BATTERY OPERATED, 2 WAY LINE UNIT, CAN BE USED AS TERM. OR INTERMEDIATE AMPLIFIER, USES ONE 3Q5GT TUBE, INCLUDES HEADSET ELEMENT FOR MONITORING AND GAIN CONTROL, BATTERY VOLTAGE REQUIRED 1.5 & 90 VDC. IN WOOD CASE w/CARRING STRAP. SIZE: 6x9x8; WT: 12 LBS.



RM-42 CONTROL UNIT USED TO OPERATE A RECEIVER & TRANSMITTER FROM A REMOTE POSITION WITH 2 CHANNEL SELECTION ALSO USED AS INTER-COM OR CONNECTED TO BE USED AS TELEPHONE SYSTEM. HAS MAGNETO HAND CRANK GENERATOR FOR RINGING & HANDSET WITH PL-204 ALSO 2 TELEPHONE TYPE SWITCHES, 4 PILOT LIGHTS, VC, ON-OFF SW ETC. REQUIRES WIRES BETWEEN EACH UNIT FOR USE AS TELEPHONE AND BATTERIES. IN METAL CABINET WITH SLOPPING FRONT. SIZE 7 1/2x8x9 WT: 14 LBS. \$8.95



NAVY INTERPHONE AMPLIFIER USED WITH TCS EQUIPMENT. PUSH-PULL 2/12A6 TUBES, CARBON MIC. INPUT 75-200 OHM ALSO 600 OHM. OUTPUT 125 OHM. VOLTAGE REQUIRED 12 VDC & 250 VDC 60 MA. HAS MOUNTING FOR DYNAMOTOR 35x032, 12 VOLT.
 (SEE CONVERSION INFORMATION LISTED BELOW.)
 SIZE: 7 1/2x10x7; WT: 15 LBS.
 PRICE: AMPLIFIER WITH TUBES \$2.95 " " " & DYN. 6.95
 KIT FOR CONVERSION TO SPEAKER OUTPUT, APPROX 5 WATTS, INCLUDES OUTPUT TRANSFORMER, MIC & PHONE JACKS, SWITCH, CABLE AND PLUG FOR PLUGGING INTO LIGHTER AND INSTRUCTIONS. \$2.00




STROWGER STEP BY STEP RELAY ASSEMBLY IS USED IN CENTRAL OFFICE DIAL TELEPHONE EXCHANGE. THIS IS THE HEART OF THE DIAL TELEPHONE SYSTEM AS IT HAS THE TEN STEP BANK SELECTION AND 10 STEP LINE SELECTION TRUNK LINE SENSING MECHANISM WITH NECESSARY HOLD AND RELEASE RELAYS. (THE BANK OF ROTARY STEPPING SWITCHES IS NOT PART OF THIS ASSY). SIZE 14x5x7; WT: 13 LBS. WE#ED55242-3IGI
 PRICE: USED \$5.95




THERMO-GRIP ELECTRIC SOLDERING IRON MFG BY IDEAL INDUSTRIES, MODEL 5C. OPERATES FROM 115 VOL 60 CYCLE 10 AMPS. OUTPUT OF TRANSFORMER IS 3-4 VOLTS AC, 2-300 AMPS. PLIER ATTACHMENT IS INTENDED TO BE USED FOR SOLDERING LUGS UP TO 150 AMPS OR COPPER PIPE UP TO 3/8". PLIER IS 12" LONG AND CABLES 52". WITH SUITABLE ATTACHMENTS TRANSFORMER CAN BE ALSO USED FOR HEAVY SPOT SOLDERING AND ETCHING. WT: 30 LBS.
 PRICE WITH CARRING CASE \$19.95



THERMO-GRIP MIDGET SIZE SOLDERING PLIERS IDEAL NO. 12-023. THESE PLIERS ARE ONLY 9" LONG AND HAVE A 54" CABLE WITH CONNECTORS AND IS INTENDED TO BE USED WITH A 300 WATT TRANSFORMER FOR LIGHTER WEIGHT WORK. WT: 2 LBS.
 PRICE: CABLE & PLIERS ONLY \$2.95



FR-83/U AUDIO FREQUENCY CALIBRATOR TEN STEPS OF 30/50/100/150/200/250/300/350/400/450 AND 500 CYCLES, WITH SYNC. INDICATOR LIGHT. OPERATES FROM 115 V 60 CYCLE, WITH TUBES 6X4, 0B2, 3/12AT7, 1/6AQ5 & 1/12AX7. IN PORTABLE CARRING CASE WITH HINGED COVER & SCHEMATIC. SIZE: 7x8x15; WT: 25 LBS. PRICE: USED \$35.00



FIRE DETECTOR PHOTOELECTRIC RESISTANCE TYPE 1.5 MEC. MAX DECREASES WITH INTENSITY OF LIGHT. SIZE 4x3. #6340-651-6213. NEW \$3.95


BC-611 TEST SET



IE-17 TEST EQUIPMENT USED FOR TESTING & ALIGNMENT OF REC-TRANS, TESTING CRYSTALS AND MEASUREMENT OF VOLTAGE OF BATTERIES BA-37 & BA-38. CONSISTS OF THE FOLLOWING 1-135 TEST UNIT IN CASE WITH HINGED COVER & HANDLE CONTAINS MICROPHONE, EARPHONE, MULTIRANGE 3" METER FOR CHECKING 0-3 & 0-150 VDC 0-1.5/15/60/600 MA DC & 0-60 VAC WITH MASTER SWITCH, RF & AUDIO OSCILLATOR CRYSTAL TEST & BATTERY COMPARTMENT ALSO CABLE HARNESS. CS-81 TEST CASE WHICH IS THE SAME SIZE AS THE BC-611 AND IS USED TO HOLD THE CHASSIS UNDER TEST, HAS PRESS TO TALK SWITCH AND ALIGNMENT OPENINGS. (NO MIC OR EARPHONE OPENINGS.) FT-252 TEST STAND FOR HOLDING CS-81 CASE & A-82 PHANTOM ANTENNA WHICH CONSIST OF A 3" 0-40 MA. RF METER, VARIABLE COND. & REC.-TRANS. SWITCH MOUNTED ON A BAKELITE PANEL. COMPLETE UNIT AS DESCRIBED ABOVE WITH INSTRUCTION MANUAL AND WOOD CHEST SIZE: 19 X16X9 ALL IN NEW CONDITION. SHPG. WT: 44 LBS

PRICE: \$18.95

VISUAL FLASH LAMP



USED BY AIRCRAFT OR GROUND UNITS FOR IDENTIFICATION PURPOSES. DESIGNED TO DELIVER EXTREMELY BRIGHT FLASH OF LIGHT 1 FLASH PER 1 1/2 SEC. WHICH CAN BE SEEN BY AIR. IN BRIGHT SUNLIGHT FOR 3 MILES OR 1 MILE ON THE GROUND. AVAILABLE FOR 6, 12 OR 24 V. OPERATION. CONSISTS OF A HIGH VOLTAGE CONVERTER USING A VIBRATOR TYPE POWER SUPPLY, PENNSYLVANIA TUBE #1073. COMPLETE WITH 20 FT. CABLE SPARE PARTS & MANUAL. IDEAL FOR BOATS, PLANES, AUTO BOAT LANDINGS, COTTAGES, PHOTOGRAPHIC WORK ETC. (CAN BE OPERATED FROM 115 VOLT BY USING OUR D.C. POWER SUPPLIES LISTED ON PAGE 7)
 SIZE: 17x10x4 1/2; WT: 50 LBS. UNUSED \$29.50



ART-13 TRANSMITTER

100 WATT AIRCRAFT AUTOTUNE TRANSMITTER
 MAKES A VERY SATISFACTORY AMATEUR UNIT FOR 80, 40, 20 AND 10 METERS. THE AUTOTUNE FEATURE PERMITS YOU TO PRESET THE FREQUENCY DESIRED ON ANY 10 PRESELECTED CHANNELS. (FOR CONVERSION INSTRUCTIONS SEE MANUALS #2 & #3 \$3.00 EA. TUBE LINEUP 1/837, 1/813, 2/1625, 1/125J7, 2/6V6, 2/811, 2/12SL7, 1/12SA7. VOLTAGE REQUIRED 28VDC 10AMP, 400VDC, 225MA & 1250VDC 250MA. SIZE: 23x16x11 1/2 WT. 70 LBS. PRICE: USED \$49.50
 CONNECTOR PLUGS FOR TRANS. U/7 & U/8 \$2.50 EA. DYNAMOTOR FOR ART-13 WITH FILTERS & RELAYS 28VDC INPUT. PRICE: USED \$12.95

NEW
 CONNECTOR PLUGS FOR DYNAMOTOR U-9 OR U-10 EACH \$2.50
 CU-24/ART-13 ANTENNA SHUNT CAPACITOR CONSISTS OF 3 CAPACITORS 25MMF 10KV PRICE USED \$1.00

O-17/ART-13 LOW FREQUENCY OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 TUBE. ALL OPERATING VOLTAGES ARE OBTAINED FROM THE TRANS. POWER SUPPLY. SIZE 5 1/2 x 5 1/2 x 9; WT 4 LBS. REQ. REPAIR "AS-IS" w/TUBES \$4.00

SA-22/ART-13 ANTENNA SWITCHING UNIT CONTAINS A BENDIX VACUUM RELAY LM-26G, 24VDC, 2 POSITION CERAMIC SWITCH & 4 LARGE INSULATORS SAME AS USED ON TRANSMITTER, ALSO SO-239 COAX. CONNECTOR. SIZE: 11x7x7 WT 10 LBS
 PRICE: NEW \$4.95

VARIOMETER COIL FOR ART-13 L-112, ROTOR & STATOR COILS WITH GEARED COUPLING. 4 1/2 x 5 x 3; 2 LB. USED \$1.95

RELAY, OUTPUT CIRCUIT SELECTING, 24 VDC #K105 6x2x3; 2 LB. USED \$2.95

ART-13 AUDIO SPEECH AMPLIFIER CONTAINS TWO 6V6GT & ONE 125J7 TUBES, CAN BE USED FOR CARBON OR DYNAMIC MIC. SIZE: 7x4x3 1/2, WT: 4 LBS, USED STK #2C254 PRICE \$5.95

ART-13 CFI CALIBRATION FREQUENCY INDICATOR & MCW OSCILLATOR ASSY. USED TO PROVIDE A CONSTANT CRYSTAL CONTROLLED STANDARD OF 200 KC. IN ORDER THAT FREQ. CAN BE CHECKED ALSO 1000 CYCLE TONE. WITH 200KC. CRYSTAL & 2 TUBES SIZE 6x5x3 WT. 3 LBS STK. #8Q1 PRICE USED \$6.95

HYDROPHONE

HYDROPHONE TRANSDUCER MICROPHONE
 ROCHELLE SALT TYPE USED TO PICK UP UNDERWATER SOUNDS IN THE FREQUENCY RANGE OF 1 TO 20,000 CYCLES. AVERAGE IMPEDANCE 25 OHMS UP TO 400 FT. WITH TRANSFORMER HOUSED IN RUBBER WATERPROOF JACKET FILLED WITH OIL & 9 FT. RUBBER CONNECTING CABLE. SIZE: 5 1/2 x 3 1/2; WT: 2 LBS. (NOT MAILABLE) SONAR # NT-51038F PRICE: NEW \$14.95

SN-17/AP8-10 SYNCHRONIZER, \$9.95 TRANSMITTER & RECEIVER ALSO SWEEP AND CONTROL CIRCUITS FOR THE INDICATOR. GENERATES CONTROL FOR THE PULSE RECURRENCE RATES OF 410 TO 820 CPS AND RANGE MARKS OF 0-4-25 MILES. SIZE 8x6x13; WT: 30 LBS.

TEST SET

TS-3A/AP RADAR FREQUENCY METER 2400 TO 3400 Mc USING A TUNEABLE CAVITY ALSO HAS 3" METER FOR TESTING POWER OUTPUT, 0-2 MA. MOVEMENT 0-20 SCALE. USED WITH SCR-717/720 RADAR SET. WITH CABLES, TEST LAMP, COMPUTER RULE ETC. SIZE: 8 1/2 x 8 1/2 x 8; WT: 25 LBS. PRICE: UNUSED \$9.95



AIRPORT MARKER BEACON 75MC TRANSMITTER RECEIVER

CDE-52326 NAVY MODEL MARKER BEACON TRANSMITTER PORTABLE UNIT THAT OPERATES FROM 115 VOLTS 60CYC WHICH TRANSMITS A KEYED OR A CONTINUOUSLY MODULATED SIGNAL VERTICALLY IN A BALLON-SHAPED PATTERN ON 75MC. USED AT AIRPORT LANDING FIELDS RUNWAYS IN CONJUNCTION WITH MARKER BEACON RECEIVERS THAT ARE INSTALLED IN THE PLANE THUS ENABLING THE PILOT TO KNOW WHEN HE IS OVER THE RUNWAY. (IN CONJUNCTION WITH HIS OTHER INSTRUMENTS.) WATTAGE OUTPUT (1) ONE WATT, MASTER OSCILLATOR & MODULATED CW, 400CPS, 1300CPS, 3000CPS TUBE LINEUP 4/6V6, 2/6SN7, 1/6SR7, 1/65, 2/VR150. 30 & 1/5Y3. COMPLETE WITH TUBES & DIPLO ANTENNA & OPERATING MANUAL. SIZE: 17 1/2 x 10 x 11 WT 35 LBS PRICE UNUSED \$29.95

BC-1333 MARKER BEACON RECEIVER 75MC. USED TO RECEIVE SIGNALS FROM ABOVE TRANSMITTER. WHEN SIGNAL IS RECEIVED IT OPERATES A RELAY IN THE RECEIVER WHICH IN TURN CAN BE USED TO OPERATE SIGNALS, LIGHTS, MOTORS, TURN ON EQUIPMENT ETC. VOLTAGE REQUIRED 24VDC. COMPLETE WITH TUBES 1/12SN7, 1/65H7, 1/6SL7 SIZE: 3x5 1/2 x 5 1/2 WT. 3 LBS. PRICE: USED \$2.95

C-1 CONTROL BALLISTICS BOX; FOR BOMBING NAVIGATIONAL COMPUTER PT#654573; HAS 4 DIALS WITH CONTROLS CONNECTED BY GEARS TO AUTOSYN RESOLVERS SPERRY #6624-28 SIZE 1 1/2 x 1 1/2 5 EA. #662426 1 1/2 x 1 1/2 2 EA. #5663478 3x2 1/2 2 EACH. ROTARY BAND SWITCH 4 DECK 10 POS. SIZE 9x12x8; WT: 20 LBS. \$7.95

AMMUNITION FIRE CONTROL POWER DISTRIBUTION PANEL 171E608G1 & 519E147G1; TWO DIALS THREE GEAR CONTROL, 2 THREE DIGIT COUNTERS WITH MANUAL RESET AND HOLD 24 V OPERATION, 7 SWITCHES, TERMINAL STRIPS ETC. SIZE: 11x11x5; WT: 15 LBS. PRICE: USED \$4.95

OSCILLATOR

R.F. OSCILLATOR. PART OF GKA-1 EQUIPMENT. CONTAINS SEVERAL TYPES OF BAND PASS FILTERS, VARIABLE CONDENSER, TUBE SOCKETS TEST JACKS, RESISTORS 1%, CAPACITORS, 2/UG-88 BCN COAX. CONNECTORS, PILOT LIGHT, SWITCH, POTS ETC. OSCILLATOR FREQ. APPROX. 24 KC. SIZE: 12x12x4 1/2; WT: 13 LBS. USED \$1.95

SCOPE MONITOR CONVERTER

CONVERTER-MONITOR PANEL ASSEMBLY CV-399/GPA23 PART OF COMPUTER SYSTEM. CONTAINS A GOOD 3" SCOPE FOUNDATION ASSY. USING 3CP1A C.R. TUBE MOUNTED ON A PANEL 10" x 12". SCOPE PANEL HAS 0-100 VERNIER DIAL 1 1/2" PLUS CENT, FOCUS CONT. SWITCHES ETC. THE MASTER PANEL HAS 10 SEPARATE SUB-PANELS WITH LOADS OF CONDENSERS, RESISTORS TERMINAL STRIPS ALSO AUTOSYN, CONNECTORS, CONTROLS, TRANSFORMERS AND LOTS MORE. SIZE: 25 1/2 x 25 1/2 x 14; WT: 5 1/2 LBS. USED \$9.95

MILLIVOLTMETER

MILLIVAC D.C. MILLIVOLTMETER TYPE RM-17 MEASURES FROM 1 MV TO 1000 V IN 13 STEPS ON 4 1/2" SQUARE METER. RACK PANEL MOUNTING 19 1/2 x 7" OPERATES FROM 115 VOLT 60 CYCLE. WT: 18 LBS. PRICE: USED \$85.00



GP-7 TRANSMITTER

GP-7 NAVY AIRCRAFT TRANSMITTER 1500-4525 KC & 6200-9050 KC BY USE OF THREE (3) PLUG IN TUNING UNITS SUPPLIED WITH THE TRANSMITTER. AM OPERATION, VOICE/PHONE 30-50 WATTS, CW & MCW 85-125 WATTS DEPENDING ON THE TYPE OF INSTALLATION. WITH TUBES 2/1616, 1/803, 1/801, 1/843 & 1/5Z3, ANTENNA LOADING COIL, PILOTS & OPERATORS CONTROL BOX, THREE ARE TWO 2 1/2" METERS FOR MEASURING THE VARIOUS VOLTAGES AND R.F. OUTPUT. VOLTAGE REQUIRED 115 VOLT 800 CYCLE & 24 VOLTS D.C. THE SET IS CONSTRUCTED OF ALUMINUM AND THERE ARE TWO CASES SUPPLIED FOR THE TUNING UNITS NOT IN USE. SIZE: 23 1/2 x 11 x 13; WT: 80 LBS. UNUSED \$25.00 TUNING UNIT 4520-6250 OR 800-1500 \$7.95 EACH

RM-52 REMOTE CONTROL UNIT (MACY'S PHONE PATCH) USED FOR RE-CONTROL OF RADIO SET, OPERATES FROM 4 FLASHLIGHT BATTERIES. HAS MULTI-TAP TRANSFORMER, MIC, PHONE HIGH/LOW IMPEDANCE & JACKS. BASIC UNIT FOR MAKING MACY'S PATCH. SIZE: 7 1/2 x 3 1/2 x 5 1/2; WT: 5 LBS. PRICE: USED \$1.95

RM-53 REMOTE CONTROL UNIT BASICALLY THE SAME AS RM-52 ONLY IT HAS A 3 POSITION SWITCH AND CORDS WITH PL-55 AND PL-68 PLUGS. SIZE: 8 1/2 x 4 1/2 x 4 1/2; 6 LBS PRICE: USED \$2.95

W.U. INTRAFAX



TRANSMITTER SCANS THE DATA THAT IS FED INTO THE MACHINE WITH A LIGHT SOURCE AND PHOTO ELECTRIC CELL WHICH IS AMPLIFIED AND SENT BY WIRE TO THE RECORDER WHICH THEN REPRODUCES THE DATA ON SENSITIZED PAPER 1 1/2" WIDE. THE TRANSMITTER USES TUBES 1/1X2, 1/6C4, 1/6A5, 1/931A (PHOTOELECTRIC), LIGHT SOURCE, SYNCHRONIZING MOTORS, GEARS ETC. THE RECORDER DOES NOT HAVE ANY TUBES BUT HAS THE SCANNING MECHANISM, MOTORS, RELAYS ETC. EQUIPMENT OPERATES FROM 115 VOLT 60 CYCLE BUT DOES NOT HAVE THE POWER SUPPLY REQUIRED THE THE TUBES, PHOTO-ELECTRIC, LIGHT SOURCE AND SCANNING CIRCUITS. TRANSMITTER SIZE 18x18x7; WT: 40 LBS. #7762A RECORDER SIZE 18x12x7; WT: 33 " #7771A PRICES: BOTH UNITS FOR \$29.95 NEW

GIBSON GIRL TRANS.

BC-778 TRANSMITTER, EMERGENCY TYPE FOR USE ON THE DISTRESS FREQUENCY OF 500 KC. UNIT IS POWERED BY A HAND CRANK GENERATOR THAT SENDS AUTOMATICALLY S.O.S. SIGNAL, CAN ALSO BE KEYED MANUALLY, WITH 1000 CYCLE TONE MODULATION. WITH 2/12A6 TUBES AND ANTENNA WIRE REEL. (NO KITES, BALLOONS OR PARACHUTES AVAILABLE. SIZE 10x10x8; WT: 20 LBS. PRICE: TRANSMITTER ONLY USED \$29.95

T-74/CRT-3 TRANSMITTER, SAME AS ABOVE ONLY HAS DUAL CHANNEL 500 KC AND 8364 KC. MANUAL KEYING ON 500 KC. ONLY. USED \$75.00

SUPERSONIC SELECTOR

NAVY SUPERSONIC SELECTOR IS A TEN CHANNEL SELECTOR USING 12SH7 AMPLIFIERS AND ADJUSTABLE TUNED CIRCUITS. FREQUENCIES SET: 20, 27.5, 35, 42.5, 50, 57.5, 72.5, 87.5, 102.5, 117.5, CYCLES. UNIT CONTAINS 10 SPST 3300 OHM TELEPHONE TYPE RELAYS AND 10/12SH7 TUBES. SIZE 11x12 1/2 x 6 1/2 WEIGHT 30 LBS. \$8.95

POWER SUPPLIES

RECEIVER POWER SUPPLY & SPEAKER FOR THE FOLLOWING SETS
 R-23/ARC-5 BC-453 BC-342
 R-24/ARC-5 BC-454 BC-344
 R-25/ARC-5 BC-455 BC-348
 R-26/ARC-5 BC-946 BC-429
 R-27/ARC-5 RAX

COMPLETE WITH 6" DYNAMIC SPEAKER HOUSED IN A METAL CABINET WITH CONNECTING CABLE, PLUG, PHONE JACK, VOLUME CONTROL, BFO SWITCH ETC. IF REQUIRED, CAN ALSO BE USED FOR OTHER SETS. OUTPUT 200/250 VDC @ 90/60 MA. & 24 VAC @ 2A. INPUT 115 VOLT 60 CYCLE. SPECIFY FOR WHAT SET. SIZE: 10x10x6; WT: 15 LBS. NO. P.S.(GET NUMB.)
 PRICE; KIT OF PARTS \$15.00 WIRED \$18.95

BC-652 RECEIVER POWER SUPPLY WITH SPEAKER SAME AS ABOVE; KIT \$20.00; WIRED \$23.95



BC-603/BC-683 RECEIVER P.S. DESIGNED TO BE PLUG IN-TO THE SAME PLACE AS THE DYNAMOTOR WITH NO CONVERSION TO THE SET THAT WILL EFFECT THE OPERATION FROM THE DYNAMOTOR. ONLY WORK REQUIRED IS ADD ON/OFF SWITCH IN PLACE OF SPAR FUSE HOLDER. TRANSFORMER TYPE USING 5Y3GT TUBE

OUTPUT 220 VDC, 80 MA. & 24 VDC 2 A. WT: 5 LBS. NO. P.S. 603/683 KIT \$10.00 WIRED \$14.95



BC-923 RECEIVER POWER SUPPLY OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 275 VOLTS DC, 150 MA. & 12.6 VOLTS AC. 4 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5U4G TUBE, CHASSIS, WIRING DIAGRAM, LINE CORD ETC. SIZE: 5 1/2 x 6 1/2 x 9 1/2; WT: 15 LBS. PRICES: KIT OF PARTS... \$16.00 #PS-923 WIRED... 20.95

R-77/ARC-3 RECEIVER POWER SUPPLY

OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 210 VOLTS DC @ 125 MA. & 24 VOLTS AC @ 2 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5Y3GT TUBE, CHASSIS, LINE CORD ETC. #PS-R77/ARC-3 SIZE: 5 1/2 x 6 1/2 x 9 1/2; WT: 14 LBS. (LAYOUT SAME AS 923) PRICES; KIT OF PARTS..\$15.00 WIRED \$19.95

POWER SUPPLY NO. 7630019. OPERATES FROM 115 VOLT 60 CYCLE DUAL HIGH VOLTAGE OUTPUT 400 DC 200 MA & 400 DC 200 MA. ALSO 6.3 VAC 2.75 A. & 6.3 VAC 5.5 A WITH 2/5R4GY TUBES. SIZE: 10x7x15; WT: PRICE: \$19.95



CABLE WITH 18 CONTACT PLUG TO FIT P.S \$2.00



POWER SUPPLY NO. 7630020VR VOLTAGE REGULATED, OPERATES FROM 115 VOLT 60 CYCLE, OUTPUT 200-250 DC. @ 150-250 MA. ALSO 6.3 VAC 2.75A & 6.3 VAC 5.5 A TUBES 2/6AS7G, 1/VR-105, 1/6AK7 & 1/5R4G. WT: 30 LBS. SIZE: 11 1/2 x 10 1/2 x 6 \$18.95

CABLE WITH 18 CONTACT PLUG TO FIT POWER SUPPLY PLUG, 4 FOOT \$2.00

POWER SUPPLY 763003 (MODIFIED) OUTPUT 375 VDC @ 225 MA & 6.3 VAC @ 2.75 A, 6.3 VAC @ 5.5 A. INPUT 115 VOLT 60 CYCLE. WITH 2/5R4GY TUBES. SIZE: 9 x 13 x 7; WT: 35 LBS. PRICE: \$14.95



CONNECTOR 18 CONTACT \$2.00

PP-662/GPN POWER SUPPLY, VOLTAGE REGULATED, 300 VDC 10 TO 90 MA. PLUS POTENTIAL, 210 VDC MINUS. WITH TUBES 4/5651, 2/6AH6, 1/12AT7, 2/6AS7, 1/5Y3 & 1/5R4. OUTPUT PIN JACKS WITH ADJUST METERING SWITCH, FUSED OUTPUT & INDICATOR LIGHTS. SIZE: 10x8x20; WT: 35 LBS. NO. COVER OR PLUG IN RELAY. PRICE: USED \$14.95



DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE CORD, PILOT LIGHT, LINE FUSE ETC. INDICATED RATINGS ARE FOR LOAD CONDITIONS.

DUAL OUTPUT 12/14 OR 24/28 VDC @ 6 AMPS. SIZE 7x6x13; WT: 17 STK#PS-12/24VDC6A
 KIT OF PARTS...\$20.00
 WIRED COMPLETE... 24.95

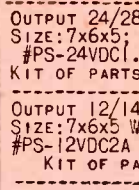


OUTPUT 12/14 VOLTS DC @ 6 AMPS. SIZE: 5 1/2 x 9 1/2 x 5; WT: 20 LBS. STK#PS-12VDC6A
 KIT OF PARTS...\$14.00
 WIRED COMPLETE... 18.95

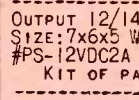


OUTPUT 24/28 VOLTS DC @ 4 AMPS. SIZE: 5 1/2 x 9 1/2 x 5; WT: 12 LBS. STK#PS-24VDC4A
 COMPLETE WIRED...\$17.95
 KIT OF PARTS... 13.00

OUTPUT 12/14 VOLTS DC @ 4 AMPS. SIZE: 5 1/2 x 9 1/2 x 5; WT: STK#PS-12VDC4A
 COMPLETE WIRED...\$14.95
 KIT OF PARTS... 10.00



OUTPUT 24/28 VOLTS DC @ 1 1/2 A. SIZE: 7x6x5; WT: 6 LBS. #PS-24VDC1.5A WIRED...\$10.95
 KIT OF PARTS \$8.00



OUTPUT 12/14 VOLTS DC @ 2 AMP. SIZE: 7x6x5 WT: 7 LBS. #PS-12VDC2A WIRED...\$9.95
 KIT OF PARTS... 7.00

MOBILE SUPPLY



AVA-126 VIBRATOR POWER SUPPLY; OUTPUT 300 VDC 100 MA. OPERATES FROM 6, 12 OR 24 VOLTS D.C WHEN THE PROPER VIBRATOR IS USED, OCTAL BASE. SUPPLIED WITH 6 VOLT VIBRATO (USED WITH AVT-112 AIRCRAFT TRANS) ILLUST. COVER REMOVED. UNUSED SIZE: 7 1/2 x 7 1/2 x 7; WT: 12 LBS. \$4.95



RA-42 POWER SUPPLY RACK MOUNTING 19", 115/230 V 60 CYC OPERATION. OUTPUT 200-250 VDC 100 MA HOUSED IN CABINET 7x8x8 1/2 WT. 30 LBS.

RA-42 B RENEW \$11.95

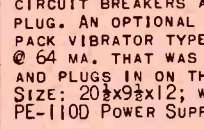


VOLTAGE REGULATED POWER SUPPLY AS USED TS-67 TEST SET, OPERATES FROM 115 V. 60 CYCLE. OUTPUT 150 VDC & 20 MA & -30 VDC @ 40 MA. AND 6.3 VAC @ 5 AMP. (TRANSFORMER RATING IS 700 VOLT C.T @ 100 MA. P.S. CAN BE RE-WIRED FOR HIGHER OUTPUT) WITH TUBES 1/5Y3, 1/6X5, 2/VR-150, 2/6G6 SIZE: 12x7x7; 26 LBS. USED \$8.95
 CONNECTOR PLUGS, 2 REQ. \$1.00 EA.

RA-74D POWER SUPPLY FOR RECEIVERS BC-779, 794, 1004, R-270 & R-129U. INPUT 95/105/117/130/190/210/234/260 VAC 25-60 CYC. OUTPUT 380 VDC @ 50 MA. 250 VDC @ 100 MA 100 VDC 4.5 MA -50 VDC 11 MA & 6.3 VAC 7 AMP. WITH TUBES 1/5Y3GT & 1/5U4G. RACK PANEL MTG. SIZE: 19x10 1/2x10; WT: 100 LBS PRICE: RE-NEW\$24.95



PE-110D POWER SUPPLY FOR BC 669 TRANSMITTER-RECEIVER. INPUT 115 VOLT 60 CYCL OUTPUT 520 VDC @ 420 MA. 275 VDC VDC @ 64 MA. AND 13.6 VAC @ 4.6 AMP. WITH 4 TUBES 5Z3, RESET CIRCUIT BREAKERS A.C OUTLETS AND POWER OUTPUT PLUG. AN OPTIONAL ITEM IS THE 12 VDC POWER PACK VIBRATOR TYPE WITH A OUTPUT OF 275 VDC @ 64 MA. THAT WAS USED FOR RECEIVER STANDBY AND PLUGS IN ON THE CHASSIS. SIZE: 20 1/2 x 9 1/2 x 12; WT: 100 LBS. UNUSED PE-110D POWER SUPPLY LESS 12V PACK \$29.95
 12V PACK 4.95



PE-110B POWER SUPPLY SAME AS ABOVE ONLY DOES NOT HAVE CIRCUIT BREAKERS, HAS FUSED CIRCUITS. SIZE: 14x9x12; WT: 75 LBS. USED PE-110B P.S LESS 12 V. POWER PACK... \$19.75
 CD-515 CABLE FOR PE-110 \$5.95

RECTIFIER 12 VDC

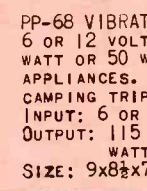
RECTIFIER POWER UNIT 12 VDC 20 AMP CONTINUOUS DUTY OUTPUT, INPUT 115/440 VOLT 60 CYCLE, 3 1/2" METERE 0-15 D.C VOLTS, 0-30 DC AMPS. COARSE & FINE CONTROLS, SELINIUM RECTIFIERS BRACKETS FOR WALL MTG. SIZE: 12 1/2 x 17 x 11; WT: 70 LBS. NEW NAVY#6130-542-6140; MOD. #S20-GS12VN \$45.00



CONVERTER



M-222 CONVERTER; USED TO SUPPLY EMERGENCY RINGING POWER FOR TELE PHONE SWITCHBOARDS. OPERATES FROM 3 VOLT DRY CELLS TO PRODUCE 50 VOLTS INTO A 5 WATT LOAD AT 24 CYCLE. PORTABLE UNIT IN METAL CASE. SIZE 6x6x7; 13 LBS. \$9.95



PP-68 VIBRATOR PACK CONVERTS 6 OR 12 VOLTS DC TO 115V 15 WATT OR 50 WATT TO RUN SMALL APPLIANCES. IDEAL FOR USE ON CAMPING TRIPS. INPUT: 6 OR 12 VDC OUTPUT: 115 V 60CYC 15 OR 50 WATTS. SIZE: 9x8 1/2 x 7 1/2 WT. 22 LBS.



TRANSISTOR POWER SUPPLIES

ACOPIAN TRANSISTOR POWER SUPPLY. INPUT: 125 VOLTS 60 CYC; OUTPUT: 0-100 VDC @ 0-100 MA TUBES: 2/6L6; 12AX7; 6AU6; 5U4; 0A2; 0B2; 0G3 FOR RACK MOUNTING. SIZE: 3 1/2 x 7 1/2 x 19 USED \$29.95



ELECTRONIC MEASUREMENTS TRANSISTOR POWER SUPPLY MODEL 212A. INPUT: 125V 60 CYC; OUTPUT: 0-100 VDC @ 0-100 MA. TUBES: 2/6L6; 5U4 0B2; 0A2; 0G3; 12AX7; 6AU6. FOR RACK MOUNTING. SIZE: 19x9 1/2 x 3 1/2. WT. 16 LB. USED \$29.95

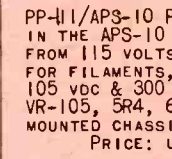


RA-43-B RECTIFIER TUBE TYPE OUTPUT 115V 525W DC; INPUT 95-125V, 50-60CYC AC. PROVIDES POWER FOR 1 TO 3 SWITCHBOARDS. REQUIRES 2/6F6 INCL AND TWO C6J, NOT INCL. WT. 165 LBS. SIZE: 22x17 1/2 x 10 PRICE: \$24.95 USED

PE-204 VIBRATOR POWER SUPPLY OPERATES FROM 12 VDC OUTPUT VOLTAGES 2/4.3 VDC @ 50 MA. 2/45 VDC @ 1/2 AMP. 2/85 VDC 5 MA. SIZE: 7x5x5 1/2; WT: 12 LBS PRICE: UNUSED \$3.95



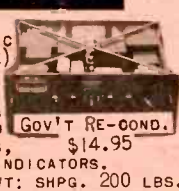
SCOPE POWER SUPPLY 110 VOLT 380-420 CYCLE INPUT, OUTPUT APPROX. 1800 VOLTS 1.5 MA. WITH TRANSFORMER, 2/ CONDENSER .1 4000 VDC, 1/122 TUBE, TERMINAL STRIP RESISTORS ETC. SIZE: 6x7x5; WT: 5 LBS. GE ASS#7608055 \$2.95



PP-111/APS-10 POWER SUPPLY AS USED IN THE APS-10 RADAR SET. OPERATES FROM 115 VOLTS 400 CYC & 24 VDC FOR FILAMENT, SUPPLIES 4000 VDC 105 VDC & 300 VDC. WITH TUBES 6X5 VR-105, 5R4, 6Y6, 6SH7, 2X2. SHOCK-MOUNTED CHASSIS, SIZE: 9x11x13; WT: 21 LBS PRICE: USED \$4.95 NEW \$6.95

MULTI OUTPUT SUPPLY

RA-105 POWER SUPPLY; INPUT 115 VOLT 60 CYCLE, OUTPUT D.C VOLTAGES 2400 VDC (FOR SCOPE) 544, 415, 295, MINUS VOLTAGES 1480, 290, 110, FILAMENT VOLT. 6.45 @ 12 AMP. AND 6.45 @ 10 A WITH TUBES 3/5U4G, 3/2X2 AND 1/6X5GT ALSO HAS FUSED LINES, CIRCUIT BREAKERS AND LIGHT INDICATORS. SIZE: RACK MTG. 24"x24x10; WT: SHPG. 200 LBS. GOV'T RE-COND. \$14.95



Control Boxes

Filters

Indicators

Tuning Units

Amplifiers



C-847/U CONTROL BOX FOR AN/VRC-19. CONTROL BOX CONTAINS 2 PILOT LIGHTS, MOMENTARY SPEAKER CONTROL, SQUELCH CONTROL, AND EXPULSION PROOF SPEAKER. WHOLE UNIT IS WEATHER PROOF. SCHEMATIC INCL. 9x5 1/2 x 3 1/2 WT. 6 LB USED \$8.95
U-77 CONNECTOR PLUG FOR HANDSET. USED \$1.00

VACUUM CAPACITOR

VACUUM CAPACITOR 3 MMFD 15 KVDC, PLUS OR MINUS 10% W/CONNECTORS. SIZE 5/8x4 JENNINGS TYPE Y-3 N. \$1.95



TELECORD REMOTE CONTROL 3 NEON IND. 2 SPST PUSH SW W/25'7' COND. CORD. 3x2x5 1/2; 5 LB. NEW \$4.95

C-87/ART-13 CONTROL BOX, WITH 11 CHANNEL SWITCH, OFF, VOICE, C-W-MCW, IND. LIGHT, MIC JACK & CODE KEY. \$2.95

C-626/ARC-27 CONTROL BOX. AUTOMATIC CHANNEL SELECTOR PRESET MECH. W/24 V. DC MOTOR, RELAYS, GEARS ETC. SIZE 6 1/2x6x5; WT; 13 LBS. PRICE USED \$4.95



BC-1303 CONTROL UNIT USED IN IE-36 TEST SET FOR SCR-522. HAS ALL FACILITIES FOR OPERATION, OFF-A-B-C-D CHANNEL SWITCH, MIC, PHONE & ANT. JACKS, TRANS, REC & REMOTE SW. & PL-170 RECTANGLE. \$3.95

VERNIER DIAL 6" 0-100 SCALE ADJUSTABLE STOPS 5 POS. USED IN TAJ TRANS. 4 LB. \$2.75



BC-1366 CONTROL BOX CONSISTS OF 5 POSITION ROTARY SWITCH, VOLUME CONTROL & MICROPHONE & PHONE JACKS PRICE: \$1.00

BC-335 CONTROL BOX WITH MICROPHONE & PHONE JACKS VOLUME CONTROL. 3x3x1 1/2 2 LBS. \$1.55

Beam Filter

NAVY TYPE RANGE BEAM FILTER 1020 CYCLE ACCEPTANCE OR REJECTION. PRICE: WITH PL-55 \$1.95

TL-150 TUNING WAND FOR BC-659, BC-620 \$.75

SIDE BAND Loading Coil C-114 - \$1.50

PHONE PATCH TRANSFORMER C-161 - \$1.50

LAMP WITH REFLECTOR OR, BRACKET & 12 VOLT BULB. CAN BE USED FOR TRUNK, HOOD LIGHT OR MAN Y OTHER USES. REFLECTOR SIZE 1 1/2x2 1/2. 35¢ EACH #6210-702-8113 3 for \$1

KLAXON HORN USED ON AIRCRAFT LANDING GEAR SIGNAL. OPERATES 24 VDC, CAN BE ADJUSTED FOR 12 VDC ALSO FOR SOUND, GIVES OUT RASP. NOISE 5x5x3; 4 LBS. UNUSED \$1.50

FLASHER POSITION LIGHT, PERIODIC AIRCRAFT TYPE C-2, CONTAINS 2 FLASHER G-107 BALLAST TUBE, 24 VDC RELAY DPDT, COND, RES SIZE: 4x4x4; WT: 2 LBS. USED PRICE: \$1.00 EA. 2/\$1.50

HEATING ELEMENT

115 VOLT 500 WATT SINGLE SECTION STRIP 23 1/2 LG. X 1 1/2" WIDE X 7/16" METAL SHEATH & MTG. HOLES. 2LBS 225015-24 \$1.50 EA.

HEATING CABLE LEAD HEATING CABLE LEAD COVERED 25 OHM 60 FT. #PARANT-48 13LI 60 FT. LTH. \$2.95

REMOTE CONTROL BOX 3 SPST SWITCHES, 2 EA. MIC & PHONE JACKS ALL WATER-PROOF, 1 DUAL POT. ETC. SIZE: 5x5x3x3 WT: 3LBS. #CMX23366A NEW 75¢



C-30/ARC-5 CONTROL BOX with 7 push button switches marked A, B, C, D, OFF, 1&2. Also tone, CW & voice switch & connectors. Price... \$1.00

BC-451 CONTROL BOX with switches tone-CW-voice, on-off, 1/2/3/4 also code key, mic & phone jacks.

BC-136-2 Control unit with mic & phone jacks, volume control & two binding post. \$.35 each Four for \$1.00

1-101 CROSS POINT INDICATOR FOR COMBINED USE FROM LOCALIZER REC. & GLIDE PATH REC. PART OF /RN-5 & RC-103. SIZE 3 1/2x3 1/2x3 WT: 3LBS. USED \$1.95

CAMERA LIGHT FILTER GRAY COLOR 50% TRANS. SCREW IN MOUNTING. 2-23/32 69MM DIA. WRATTEN DENSITY .30 FOR WOLLENSAK TYPE V254 MM F4.5 35 MM P/O PH330G CAMERA 8A1101-50.4 \$1.95



RADIO CONTROL BOX BC-450-A 6 ROTARY 3 POSITION 2 COMB ACT SWITCHES, CENTER OFF. 3 POTENTIOMETERS; 4 PHONE JACKS, 3 EIGHT PRONG PLUGS TUNING DIALS FOR THREE RECEIVERS. 9 1/2x3 1/2x6 \$2.50

TIMER CLOCK ACCURATE MOVEMENT DRIVEN BY SYNCHRONOUS MOTOR. CONTACTS TO AUTOMATICALLY TURN OFF A UNIT WHICH IS CONNECTED ACROSS T CONTACTS. MAXIMUM TIME ON, IS SIX HOURS. THIS CLOCK HAS MANY USES IN THE HOME AND SHOP. ALL CONTROLS ON FRONT. HAS SWEEP SECOND HAND. FACE, 4 1/2x3 1/2; 2 1/2" DEEP. 115V 60CYC. 4 LBS. \$2.95

BB-212 PLASTIC BATTERY NON-SPILLABLE, BALL INDICATOR 2 VOLT 40 A. 7x4x2 1/2; WT: 7 LBS. \$1.95

BB-208/AMT RADIO SONDE DRY CHARGE BATTERIES, 4 IN A VACUUM PACKED CAN, ONE 6V 2 1/2 HR THRU 30 OHMS, 3 36V EA. 3A HR. THRU 1200 OHM. EA. BATT. SIZE 1-5/16x29/32x4-5/32; WT. EA. BATT. 4 1/2 OZ. BATTERY PACK (4) \$.59

N-T-6 PLASTIC STORAGE BATTERY DRY CHARGE, 6 VOLT 4 AMP, 3 1/2x 2 1/2x2; 1 1/2 LB \$3.95

WILLARD PLASTIC STORAGE BATTERY 2 VOLT 28 AMP. HOUR NON-SPILLABLE, BALL INDICATOR DRY CHARGE, ADD ELECTROLYTE SIZE 4x5x3; WT: 4LB. \$2.95

AUTOTUNE HEAD FOR ATC/ART-13 TRANSMITTERS. MULTITURN UNIT WITH DIAL 0-100, KNOB, REVOLUTION COUNTER, LOCKING DEVICE FOR PRESETTING. CONTROL "B". COL#23518 PRICE: \$1.95

INDICATOR AZIMUTH SIGHTING ANGLE TYPE C-1A OPERATES 26 VOLT 400 CYC. TWO 3" INDICATORS #SYA3710 5 1/2x3 1/2x3; WT: 4 LBS. \$2.95

INDICATOR AMP. AM-5/APS-4 6 POTENTIOMETERS 2/6V6; 6SL7; 6J6 AND MANY OTHER USEFUL PARTS 4x5x7 1/2 WT. 5LBS. PRICE: \$7.95



ID-11/APS-4 INDICATOR FOR APS-4 RADAR SET. USES TUBES 3FP7 AND 2/6J6. WT. 6 LBS. USED \$3.95 NEW 4.95

COUNTER CHAFF DISPENSER CONTROL WITH 5 DIGIT DECLINING COUNTER 2 AT A TIME 24 VDC OPERATION ALSO 12 POSITION WAFFER SWITCH. LESS DIAL LIGHT ASSY & SW. 6x4 1/2x3; 2 LBS. \$1.50

FREQUENCY METER CAVITY TUNEABLE 2400 -3400 MC, AB ABSORPTION TYPE, W/DIGIT COUNTER, LESS CRYSTAL DIODE, W/CABLES. P/O TS-3 SIZE: 5 1/2x2; WT: 1 LB. #3F2747-3.2 \$2.95

DICTOGRAPH SWITCH BOX LEVER SWITCH 3 POSITION OFF-LISTEN-TALK, 2 INDICATOR LIGHTS, 6 POSITION WAFFER SWITCH, 5 FT. 14 COND. CABLE, WOOD CASE WALNUT FINISH. 2x4 1/2x3 3 LBS. #DICT. 95083 \$3.95

ELECTRO DATA PLUG IN COMPUTER ASSY. 5 DIODES, 1 VOL. CON 37 RESISTORS, 17 CAP ACITORS, 7 TUBE SOO. 9 PIN ETC. WT: 3 LBS. #42 2 FOR \$1

NICKEL CADMIUM BATTERY. 1.2V RECHARGEABLE BATTERY. OUTPUT APPROX. 4 AMP HR SIZE: 1 1/2x2x6 WT. 6OZ PRICE: \$2.50

RIGHT & LEFT ANGLE DRIVE SHAFT 3/16" SIDE 1/2 MALE & 1/2 FEMALE. 2 1/2x2 1/2x1 1/2 \$1.50

VERNIER DIAL 2 1/2" 100 TO 0 SCALE. TAKES 1/8" SHAFT. PRICE: \$1.50

ID-14/APN-1 RADIO ALTITUDE METER, 3" SCALE 0-6 MA MOVEMENT. CAN BE USED AS A BASIC METER MOVEMENT AND CHANGE SCALE AS DESIRED. PRICE: USED \$1.50



BC-347 AIRCRAFT INTERPHONE AMPLIFIER

Used in small planes for speaking. Has two oncner transformers Carbon microphone input & standard headset output. Requires 12 Or 24 volt & 250VDC. Uses 6P8G tube. Size 3x2x5 WT 3lbs. With tube \$1.95 Less tube \$1.25

BC-212 INTERPHONE AMPLIFIER USED IN AIRCRAFT FOR INTER COMMUNICATION, CARBON MIC INPUT, OUTPUT FOR 2000 OHM HEADSET. W/ 2/6J5 TUBES. VOLTAGE REQ. 12 V & 220VDC SIZE: 5x5x2; 2 LB. \$1.95

AMPLIFIER USED IN TANK FOR INTERPHONE. W/TWO 6V5 TUBES, LESS DYNAMOT OR. REQUIRES 250 VDC 50 MA. & FILAMENT VOLTAGE. SIZE: 9x9x3; WT: 10 LBS. BC-367 NO CASE F/12V \$1.95 BC-667 W/ " " F/24V 2.95

BATTERY CHARGER FOR BB-51 & BB-52 BATTERIES. TRICKLE CH OPERATES FROM 6 OR 12 VOLT STORAGE BATTERY. HAS 2-3" METERS 0-100 DC VOLTS AND 0-30 & 0-300 DC MILLIAMPS SCALES. SIZE: 12x8 1/2x7; WT; 20 LBS. PRICE: \$14.95

100 POWER INSPECTION MICROSCOPE MANUFACTURED BY JONES & LAMSON MACHINE CO. 9 1/2x2 WT. 5LBS. \$14.95

VIBRATORS

VB-16/6, 12 OR 24 VOLT FOR PE-237 \$3.95 TYPES LISTED BELOW \$1.95 EACH
VB-1/6 VOLT FOR PE-117 PE-97 & PE-237 SAME AS VB-7
VS-3/6 VOLT FOR PE-104 SAME AS MALL-5500
G534/12 VOLT FOR PE-110
VB-8/2 VOLT FOR PE-157
VB-9/6 VOLT FOR PE-157
VB-11/24 VOLT FOR PE-12
VB-12/6 VOLT FOR PE-120
VB-13/12 VOLT FOR PE-12

TS-279 DUMMY ANTENNA LOAD

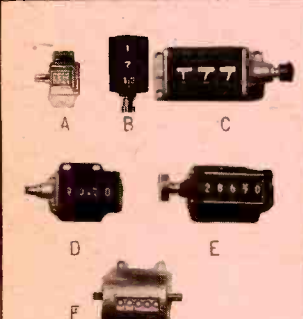
Three inch pyrex feed thru insulator, 1000 ohm 100 watt resistor with two test lead & clips. Cabinet size 13 x 6 x 4". Can be used for a chassis. Stock # TS-279 Price \$1.95

MINIMUM ORDER \$3.00

ALLIGATOR CLIP WITH SCREW CABLE HOLDER & PINCH SPIKE AT JAWS. 2 INCHES LONG.
6 FOR \$.50

RT-58/ARC-12 CHANNEL SELECTOR ASSEMBLY. CONSISTS OF AUTOTUNE ASSY. 10 POSITION MOTOR DRIVEN 26.5 VDC. CHANNEL SELECTOR AND STOP INDICATOR, EXTERNAL SHAFTS TURN 60 RPM. ALSO RELAYS, CONN., ETC.
SIZE: 4 1/2x6x3 1/2. WT: 5 LBS. USED \$2.95

TIMER MOTOR SWITCHING ASSEMBLY
4 R.P.M.
S.P.D.T.
MICROSWITCH VARIABLE
TIMING CAMS FOR ACTUATING SWITCHES. #H9200.
SIZE: 3x2 1/2x5. WT. 2 LBS.
1 SW. 6V.....\$1.95
2 SW. 28V 1.5 RPM 2.50
115 V 60 CYC. SET UP TO 1 RPM, 2 SW. 10 A, 115/230 VOLT INDUSTRIAL J-993 \$9.95



A. 3 DIGIT COUNTER. 1/8" SHAFT. EACH NUMERAL 1/8 IN. SIZE: 3x2x2. STK#CBSH334 \$.75

B. 3 DIGIT COUNTER. FOR VERTICAL MOUNTING. 3/8 IN. GEAR ON SHAFT. EACH NUMERAL 1/8". 1 1/2x1x1-1/8 STK#CBSH173 \$.79

C. 3 DIGIT COUNTER WITH BEVELED GEAR 2 1/2x1 1/2x1 1/2. NUMERALS 3x3 IN. STK#CBSH177 \$1.00

D. 3 DIGIT COUNTER W/DIGITS 10THS, ONES, TENS. 100 THS DIGIT REMAINS 0. 1/8 IN. NUMERALS. 2x1x1 STK#CBSH9030 \$.75

E. 4 DIGIT COUNTER W/MOVEABLE DIGITS. 10'S, 100'S, 1000'S, 10,000'S. ONES DIGIT REMAINS 0. 1/8" NUMERALS. 2 1/2x1 1/2x1. 1/8 IN SHAFT. STK#CBSH2867 \$1.25

F. 5 DIGIT COUNTER W/3/16 IN SHAFT EXTENDING 1/2" AT EACH END. 99999-0 DESCENDING ONLY. 1/8" NUMERALS. 1 1/2x1 1/2x1 1/2 STK#CRSH00000 \$1.00

THREE DIGIT COUNTER, GEAR ON END OF 1 IN. SHAFT.
3x1 1/2x1 1/2; 1 LB. #R1X-D \$1.00

THREE DIGIT COUNTER
OPEN TYPE, BEVEL GEAR
STK.#773 \$.50

4 DIGIT COUNTER
24 VDC. RELAY OPERATED. 0000-9999 7/8x1 1/8 x5 #0508 \$2.95

FLEXIBLE COUPLING

1 CERAMIC INSULATED FLEXIBLE COUPLING FOR 13,500 VOLT FLASHOVER. 2 5/8"x2 3/8" FOR 1/4" TO 3/8" SHAFTS. COUN001 EA. \$.50

2 METAL FLEXIBLE COUPLING 2" x 1 1/2" FOR 1/4" TO 3/8" SHAFT COUN002 EA. \$.40

3 INSULATED FLEXIBLE COUPLING 1"x2" FOR 1/4" SHAFT. COUN003 \$.25

4 SAME AS ABOVE, BUT NOT INSULATED COUN004 \$.25

5 METAL FLEXIBLE COUPLING FIT 1/4" TO 3/8" SHAFTS. 1" DIA. 1 1/2" LONG. COUN005 \$.25

LANDING GEAR

SWITCH ASSEMBLY, SINGLE POLE DOUBLE THROW, PLUNGER TYPE, PLUNGER IS DEPRESSED OPENS ONE CONTACT, CLOSES OTHER, SPRING RETURN. SIZE 3x2 1/2x1 1/2, PLUNGER 2 1/2. WT: 8 OZ. PRICE: \$.50

DY-44 DYNAMOTOR BOX WITH FILTER SYSTEM AND 6 FT POWER CABLE. 1 FT OUTPUT CABLE WITH CANNON AN 31065-145-75 PLUG. ON-OFF SWITCH AND FUSE HOLDER INSIDE DIMENSION: 9 1/2x5 1/2x4. WT. 12 LBS. DY-44A/U \$1.95

AUDIO OSCILLATOR BOX ASSY. W/24 12 MMFD. CERAMIC TRIMM. 21 TEMP. COMP. CAP. & RESISTOR WHEN USED WITH 2/6SJ7 TUBES & ASBOC. PARTS IT WILL PRODUCE FREQ. 425-2295 CYCLES IN 12 STEPS OF 170 CYC. EA. 5 1/2x5x4 1/2; WT: 5 LB. #R26 \$4.95



TELEPHONE TYPE LEVER SWITCH

ONE SIDE; MAKE 1; BREAK 1 OTHER SIDE; MAKE 6 #5930-392-1273 \$.40

MAKE 2, BREAK 2, ONE SIDE ONLY #K-22 \$.30

ONE SIDE; MAKE 2 OTHER SIDE; MAKE 2 MOMENTARY #K-1100 \$.30

TCK#405 SPST EACH SIDE 30¢
TCK#404 GE#P7763503-2 50¢
1 SIDE DPDT NC & DPST NO.

VARIAGON PHASE SHIFT CAPACITOR V-42. USED FOR ACCURATE MEASUREMENT OF TIME INTERVALS IN RADAR SYSTEMS. CAPACITY OF INPUT PLATE TO HOUSING 4.4 MMF. CAPACITY OF OUTPUT PLATE TO HOUSING 15.6 MMF. CAPACITY VARIATION OF ONE INPUT TO OUTPUT PLATE 1.2-4.9 MMF. SIZE: 2 1/2x1 WT. 1 PRICE: \$4.95

TAPE

SOUND RECORDING TAPE TW-3J. 7" REEL WITH APPROX. 900 FT OF 2 MIL TAPE. USED WITH RD-42 WT. 4.5 LBS. PRICE: \$4.95

HARDWARE KIT
CONTAINS 50 CLAMPS OF 5 TYPES. 20 SCREWS OF 5 TYPE 15 LOCKWASHERS. 7 TERMINAL LUGS 4 HEX NUTS. 18 SPACERS. WT 5 LBS. RC-298 \$1.00

SWITCH SW-223
DPDT HEAVY DUTY 1" SQ. X 2 1/2" STAND OFFS. 8x4x3; 5LB #3ZK8223 \$2.50

SWITCH DPDT
1 1/2x2-5/8" LEVITON 9919 PORCELAIN BASE 39¢ 3 FOR \$1.00

AC LINE CORD 4 FT. WITH SWITCH, WHITE
25¢ 5 FOR \$1.00

THREE CONDUCTOR #18, BLACK PLASTIC
15 FT. 35¢ 3/\$1.00

WIRE SPECIALS
#18 COPPER STRANDED NYLON INSULATION 1000 FT. ROLLS \$6.00 ORANGE & RED.

VIDEO AMPLIFIER MODULE FROM APS-44 RADAR. THREE 5977 TUBES AND RESISTORS. 15 PRONG PLUG. P/O AM-574/APS-44 1 1/2x3x3 1/2 WT. 1 LB. \$1.95

LENSE 2" FROM A K-14 GUNSIGHT
APPROX. 3 POWER TWO FOR \$1.00

SERVO PRESSURE REGULATOR
SELSON CONNECTED THROUGH GEARS TO A DEVICE WHICH AUTOMATICALLY COMPENSATES FOR ANY CHANGE IN PRESSURE. 5x7x6 1/2 WT. 10 LBS. \$5.95

MONITOR PANEL ASSY.
5 LEVER SWITCHES
EACH SWITCH 2 BREAK, 4 MAKE 1 SIDE, 1 BREAK, 1 MAKE OTHER SIDE, EA. SIDE NE-4 LIGHT ASSY. WIRED TO A 5x5 BLOCK W/35 RESISTORS & THEN TO 2/20 POSITION TERMINAL STRIP. SIZE 2 1/2x5 1/2x4; WT: 5 LBS #6625-649-5053 \$4.95

IMMERSION HEATER
24 VOLT AC DC, 50 WATTS
LON, 3" PRESS CAP. 4 1/2" SCREW CONE, 5 FT. CORD. HEATING SHAFT 12". WT: 4LB LFC#EA8801. PRICE: \$1.50

CAPACITY TUNER WITH AUTO-TUNE
160-211 MC 1/2C26 2/SO-239 CONNECTORS 7x5x5 WT. 7 LBS. PRICE: \$2.50

CONNECTOR PLUGS
15 CONTACT
SIZE: 2 1/2x1 1/2x2 PER PAIR \$1.50 P-601

18 CONTACTS
2 1/2x2x1 P-2802 PER PAIR \$2.00

35 CONTACT CONNECTOR
MALE #621905 FEMALE #407375 SIZE 2 1/2x1 NO COVER \$1.50 PR.

26 CONTACT MALE & FEMALE CONT. #26-20H 1 1/2x9/16: USED W/COV. \$1.50

15 CONTACT, POLARIZED 3 LARGE CONT. SIZE 1 1/2x2 1/2 AMPH. #26-150 F/CHASS. #151 W/COV. USED \$1.50

TA-211/GR INTERCOM MUNICATION MONITOR STATION. THREE LEVER SWITCHES CONTROL RECEPTION OF EITHER OF TWO RECEIVERS OR BOTH WHEN CONNECTED THROUGH JACKS. JACKS FOR MIKE, TWO PHONES OR RECORDER INPUT FOR TWO RECEIVERS. RECEPTICAL FOR CONNECTION INTO EXTERNAL CIRCUIT. SIZE: 7 1/2x5x2 1/2 WT. 3 LBS. PRICE: \$4.95 NEW

MAGNETRON MAGNET FOR 725-A TUBE
D169974 \$9.95
D168226 \$12.95
GAUSS: 5200 AIR GAP: 1/4" POLES: TAPERED 1 1/2 TO 5/8" SIZE: 7" HIGH, BASE 2 1/2x6 1/2" WT: 9 1/2 LBS. SHPG. WT: 11 LB PRICES: D169974 \$9.95 D168226 \$12.95

ALNICO BAR TYPE MAGNETS
(1) ONE INCH X 1/2 X 1/2 ORIGINALY USED IN MICRO PHONES. #948 12 FOR \$1.25

VERNIER DIAL 6" 2 SCALES W/LOCK MO TUNING TAJ
\$3.50 5 LBS.

PL-58 AND JK-37 THREE PRONG PLUG AND JACK.
PLUG IS KEVED TO PREVENT INSERTING PLUG BACKWARDS. 2x3x1 1/2 EACH \$.59 PAIR 1.00

BOX, FREE FIRING
TWO RELAYS 6 VOLT SPST NORMALLY OPEN. THREE CAPACITORS, ONE EACH; 34F @ 600 VDC, 34F 120V 400 CYC, 2x5 1/4 @ 400 VDC. COMPLETE WITH SCHEMATIC AND SHOCK MOUNTING. CHASSIS: 8x5x2 1/2, WITH COVER 8x5x6. 10 LBS. \$1.95

FT-384 ADAPTER FOR TESTING BC-603 9C-683
Used \$2.95 RE-NEW 4.95

PLUGS INTO REAR OF SET AND HAS METERING SWITCH AND JACK FOR ATTACHING METER FOR MEASURING VARIOUS VOLTAGES AND MAKING ALIGNMENT.
COMPLETE W/6FT BATT. LEAD.

TELETYPE COUNTER
ACTUATED BY 48VDC RELAY. FOUR PULSES OF RELAY CHANGES COUNTER ONE DIGIT. UNIT CONTAINS 115V 60CYCLE MOTOR. MOTOR IS 60 RPM, TORQUE 6.6 INCH OUNCES. 5 1/2x5 1/2x6 WT. 10 LBS. PRICE \$9.95

INSTRUMENT LIGHT WITH GRAIN/WHEAT LAMP, SWITCH & RHEOSTAT. USES TWO TYPE "D" FLASH LIGHT BATT. 75¢

SE-11 SIGNAL LAMP FOR SENDING CODED MESSAGES
2000 YOS DAYLIGHT 5 MILES NIGHT. REQUIRES 5 STANDARD FLASHLIGHT BATTERIES. SPRING TRIGGER FOR QUICK ACTION TRIGGERING SIGNALING WT: 3 LBS. PRICE: USED \$3.95 TRIPOD STANO \$1.00 EXTRA.

TS-446 R.F. INDICATOR
NEON BULB IN LICITE PROBE 1/25 WATT NE-2 BULB, 4 1/2x2 W/CLIP PRICE: \$1.00

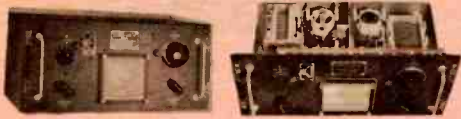
COILS
EXPERIMENTERS ASSORTMENT ALL FOUR ITEMS FOR \$1.00

DUAL VARIABLE CAPACITOR & COIL ASSY. APPROX. 165 MC. DUAL VAR. CAP. COIL, ACORN SOCKET ETC. APPROX. 200 MC SLLG TUNED VARIABLE COIL ASSY FOR BROADCAST BAND RF & OSCILLATOR F/455KC IF 1ST RF TUNING STAGE FOR PART OF BROADCAST BANDS, 3 VAR. CAP. COILS, COND. RESISTORS, WAFERS ETC.

BC 683 LCU 3 COIL
R.F. OSCILLATOR TUNING UNIT FOR BC-683 RECEIVER ALSO USED TO CONVERT BC-603 TO BC-683. #BC-683/LCU3 \$2.00

60 MC IF BROAD BAND
USES 10 TUBES 5/717A, 3/6AK5
1/ESL7 & 1/6SN7; HAS MIXER PANEL RELAYS, CABLES ETC. SIZE: 14x4x5; WT: 4 1/2 LB. USED STK# D-152229 PRICE: WITH 5/717A \$2.95 WITH 10 TUBES 6.50

PARTS BONNAZA



PLUG IN TUNING UNITS USED WITH BC-191/BC-375 TRANSMITTER. THESE UNITS CONTAIN MANY PARTS THAT CAN BE USED BY SCHOOLS, LABORATORIES, HAMS, OR EXPERIMENTERS. LISTED BELOW ARE THE VARIOUS TUNING UNITS WITH FREQUENCY COVERAGE, AND PARTS LIST. ALL UNITS INCLUDE CABINET, KNOBS, HANDLES, BRACKETS, AND OTHER PARTS. THE NEW TUNING UNITS ALSO INCLUDE THE OUTER CASE.

SIZE: 17x9x7 $\frac{1}{2}$ WT: 13 LBS.

TU-5B 1500-3000KC
M-O tank inductance
M-O band change switch
Antenna coupling switch
P-A band change switch
Capacitors, as follows:
3/0.0001 mfd 3000 volt
0.00003 mfd 2000 volts
2/0.0004 mfd 5000 volts
3/0.00009mfd 3000 volts
Var. 8-26mmf, 20-135mmf
20-156mmf
Antenna coupling coil
P-A grid choke coil
M-O grid choke coil
P-A tank inductance
Res. 15 ohms, 4.5 watts
2 $\frac{1}{2}$ " vernier dial
right angle drive
NEW \$6.95

TU-6B 3000-4500KC
M-O tank inductance
P-A tank inductance
P-A grid choke coil
M-O grid choke coil
Antenna coupling coil
M-O band change switch
P-A band change switch
Antenna coupling switch
Capacitors, as follows:
2/0.00005mfd 3000 volt
2/0.0004mfd 5000 volts
Variable cap. 19-116 mmf, 8-26mmf, 15-77mmf
M-O tuning compensator
Res. 15 ohm, 4.5 watts
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
NEW \$5.95 USED \$3.95

TU-7-B 4500-6200KC
M-O tank inductance
P-A tank inductance
Antenna coupling switch
Antenna coupling coil
P-A grid choke coil
M-O grid choke coil
Cap. as follows:
2/0.0004mfd 5000 volts
Var. Cap. 8-26 mmf, 23-111mmf, 19-116mmf
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
NEW \$5.95 USED \$3.95

BC-306 ANTENNA TUNING UNIT
200-500 KC
VARIOMETER COIL
VARIOMETER DIAL
ANTENNA COUPLING SWITCH
INSULATORS
NEW \$4.95, USED

TU-8-B 6200-7700KC
M-O tank inductance
M-O grid choke coil
P-A grid choke coil
P-A tank inductance
Antenna coupling coil
Antenna coupling switch
Cap. 2/0.0004mfd 5000v
Var. Cap. 14-66mmf, 8-26mmf, 15-61mmf
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
NEW \$5.95 USED \$3.95

TU-9-B 7700-10,000KC
M-O tank inductance
M-O grid choke coil
P-A grid choke coil
P-A tank inductance
Antenna coupling coil
Antenna coupling switch
Cap. 3/0.0004mfd 5000v
Var. Cap. 19-116mmf, 8-26mmf, 15-77mmf
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
NEW \$4.95 USED \$3.95

TU-10-B 10,000-12,500KC
M-O tank inductance
M-O grid choke coil
P-A tank inductance
P-A grid choke coil
Ant. coupling coil
Ant. coupling switch
M-O choke coil
Cap. 3/0.0004mfd 5000v
Var. cap. 14-62mmf, 19-116mmf, 8-26mmf
2 $\frac{1}{2}$ " vernier dial
Right angle drive
NEW \$4.95 USED \$3.95

TU-26-B 200-500KC
M-O tank variometer
M-O plate coil
M-O grid choke coil
P-A tank variometer
P-A grid choke coil
M-O band change switch
Antenna Coupling switch
Antenna coupling coil
Capacitors, as follows:
2/0.0004mfd 3000v
2/0.005mfd 5000v
2/0.004mfd 5000v
2/0.0035mfd 5000v
0.002mfd 5000v
0.0005mfd 3000v
0.0007mfd 3000v
12mmf, 35mmf
Var. cap. 8-26mmf
Res. 15 ohm 4.5 watts
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
NEW \$4.95 USED \$3.95



CONTROL PANEL K-2406-3 FOR POWER, FUSE & ALARM, PILOT & HIGH/LOW, 3 FUSED SERVICES, 4 PILOT LIGHTS, 4 PUSH BUTTONS, PRINTED CIRCUIT BOARD HAS 12 TRANSISTORS, 4 DIODES, RESISTORS, CONDENSERS AND 2 VARIABLE COILS (ACCORDING TO THE MARKING ON THE CHASSIS THIS UNIT MAYBE TUNED TO 268 KC) ALSO RELAYS 1/12 VDC DUAL COIL 1/SPDT 1/SPST, ONE 24 VDC DPDT & 3 24VDC 3PST. SIZE: 3 $\frac{1}{2}$ x4x9; WT: 4 LB. USED \$5.95

VAPOR DETECTOR



WATER VAPOR DETECTOR 128; CONSISTS OF VALVING ASSY. WITH 2 $\frac{1}{2}$ " 3000 LB. PER. SQ. IN. GAUGE CONNECTED TO A BRASS BLOCK WITH 3 VALVES COPPER TUBING CONNECTS TO SATURATOR BOTTLE AND ANOTHER BLOCK WITH VALVE WHICH ONE OUTLET CONNECTS TO A ELECTRIC AMPLIFIER THRU DETECTOR ELECTRODE AND THE OTHER OUTLET TO A GAS PRESSURE REGULATOR. THE ELECTRIC AMPLIFIER IS HOUSED IN METAL CASE WITH 3" METER 50 MICRO-AMP. WITH TUBES 1/1G6GT & 1/1G4GT IN A OSCILLATOR CIRCUIT, BALANCED BRIDGE TYPE, ANY ELECTRIC UNBALANCE IS INDICATED ON THE METER, ADJUSTING CONTROLS ON PANEL, REQUIRES 67 $\frac{1}{2}$ & 1.5 VOLTS D.C. FOR OPERATION. GAS PRESSURE REGULATORS ARE STD. WITH 2" METERS. EQUIPMENT IS USED TO DETERMINE THE AMT OF WATER VAPOR IN THE GAS TO BE TESTED WITH A REF. GAS AS THE STANDARD. CARRING CASE 14x16x10 $\frac{1}{2}$; WT: 60 PRICE: USED \$14.95

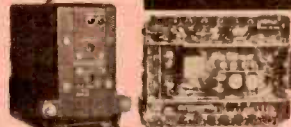
RELAY TEST SET

USED \$16.95
RE-COND. 21.95

1-193 RELAY TEST SET: USED FOR TESTING 255, 255A, D-163119A, D-164 816A POLAR RELAYS ETC. FOR BIAS AND SENSITIVITY. THE ELECTRICAL CHARACTERISTICS ARE DETERMINED BY THE DEFLECTIONS OF THE METER. ALSO CONTAINS CIRCUIT FOR SENDING PULSES FOR TESTING EXTERNAL TELEGRAPH CIRCUITS AND A 10-20 CYCLE OSCILLATOR FOR FOR TESTING AND LINE-UP PURPOSES. OPERATES FROM 115/130 VDC 10 WATTS. (RA-87 RECTIFIER SHOWN ON PAGE 8 OF THIS CATALOG WILL OPERATE THIS EQUIPMENT) SHIPPED IN WOOD CHEST 24x12x13; WT: 75 LBS.



A.F.C. UNIT



AUTOMATIC FREQ. CONTROL UNIT No. 600671; USED WITH FIRE CONTROL SYSTEM WITH 16 TUBES 2/5829, 11/5703, 2/5702 & 1/5784, DPDT SIGMA RELAY THAT WILL OPERATE FROM 14 VDC @ 2.8 MA, SLUG TUNED COILS, RESISTORS, COND. ETC. (SORRY DO NOT KNOW FREQ. NO SCHEMATIC) SIZE: 4x8x6; WT: 5LBS. PRICE USED \$3.95

OSCILLOSCOPE



OS-11/FGC-5 OSCILLOSCOPE. USED FOR MONITORING SIGNALS AND TESTING OF THE FGC-5 TELEGRAPH EQUIP. HAS STANRD SCOPE CONTROLS PLUS A TRIGGERED SWEEP CONTROL CIRCUIT, ATTENUATION SELECTION SWITCH ETC. OPERATES FROM 115 VOLT 60 CYCLE WITH TUBES 7/12AT7, 3/12AU7, 1/6X4, 1/2X2 & 3RP1. RACK PANEL MOUNTING 19x7; 35 LBS PRICE: USED \$44.95

VERNIER TIMER



VERNIER SET ATC TIMER WITH 15 MINUTE TIMING PERIOD. SYNCHRONOUS MOTOR OPERATES FROM 230 V 60 CYC AND HAS SPDT CONTACTS FOR CONTROL OF INDUSTRIAL EQUIPMENT. SIZE: 6 $\frac{1}{2}$ x5 $\frac{1}{2}$ x3 $\frac{1}{2}$ WT. 5 LBS. PRICE: \$9.95 NEW

WAVE METER



SCOPE OSCILLATOR

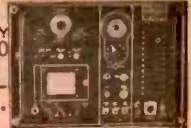
AN/UPM-1 WAVEMETER-OSCILLATOR-SCOPE RADAR TEST UNIT FOR 155-235MC AND 460-570MC CONTAINS PULSE AND SWEEP GENERATORS VIDEO AMP. 3" OSCILLOSCOPE, TWO WAVEMETER TWO OSCILLATORS, POWER REQUIREMENTS: 80, 115, OR 230 VOLTS AC. 60-1000 CYCLES. SIZE: 30x21x24; WT. 150LBS. USED \$49.95

ANTENNA FOR AN/UPM-1 \$49.95
SIZE: 21x12 WT. 11 LBS. USED \$9.95

SIGNAL GENERATOR

USED \$22.95

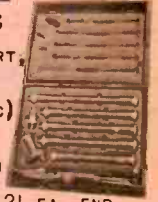
BC-1277 SIGNAL GENERATOR; 2400 TO 3400 MC. TUNED CAVITY DIGIT COUNTER DIVISIONS 30/60 MC. 0-50 D.C 3 $\frac{1}{2}$ " MICROAMP. METER FOR MEASURING THE VOLTAGES OF THE VARIOUS CIRCUITS. ATTENUATOR, SYNC. AMP., STD. SIGNAL SHAPE AND CAL. SIGNAL AMPLIFIER CIRCUIT OPERATES FROM 115 V. 50-1200 CYCLE. WITH TUBES 3/VR-150, 4/6AC7, 2/VR-105, 2/6Y6, 2/6SF5, 1/6L7, 1/6L6, 1/707A, 1/6X5 & 1/5T4. USED FOR TESTING RADAR. SIZE IN WOOD CHEST 22x17x17; WT: 100 LB



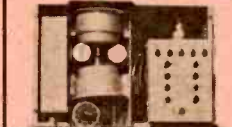
ATTENUATORS

MX-1309/URM-23 POWER MEASURING; KIT OF WAVEGUIDE ATTENUATORS, ADAPTER, BALOMETER, CABLE & CHART, 1000 TO 4000 MC.

ATTENUATOR CN-110/U 10 DB
" CN-111/U 20 DB (2pc)
" CN-168/U 3 DB
" CN-169/U 6 DB
RF BALOMETER DT-76/U, "N" CON
ADAPTER CONN. UG-402/U
COAXIAL CABLE CG-925/U, w/UG-21 EA, END. METAL CARRING CASE, FITTED, SIZE 19x5 $\frac{1}{2}$ x14; WT: 32 LBS. COMPLETE SET \$14.95



PULSE GENERATOR



AN/UPM-19 RADAR TEST SET CONSISTS OF SG-76 PULSE GENERATOR THAT COVERS THE FREQ. OF 2650-2950 MC. VARIABLE FREQ. AND R.F. OSCILLATOR CONTROLS BCN CONN. REQ. FOR R.F IN, R.F OUT, VIDEO PULSE AND SYNC. OUT JACKS. 2 $\frac{1}{2}$ " R.F. CAL. POWER METER 25 TUBES, OPERATES FROM 24 VDC VIBRATOR POWER PACK. ABOVE IS CONTAINED IN CASE # 1 OF 2. CASE 2 OF 2 CONTAINS, 2 ANTENNAS, CONTROL BOX, LITE INDICATOR BOX, PLUGS AND CABLES. ALUMINUM CARRING CASE SIZES 16 $\frac{1}{2}$ x8x14 AND 14x10x10; SHPG. WT: 80 LBS. PRICE: USED \$29.95

CALIBRATOR



TS-102B/AP CALIBRATOR: RANGE CALIBRATOR PORTABLE PULSE GENERATOR WITH REPEITION FREQ. OF 400, 800, 1600, 2000 & 4000, MARKER AND SYNCHRONIZING PULSE, VARIABLE DELAY LINE PHASE ADJUSTMENT. OPERATES FROM 115 V. 50-1000 CYCLE WITH TUBES 2/6X4W, 3/6AG7 6/5814, 2/UG273/U CONN. 4/CABLES w/UG-88B/U SIZE: 16x10x11; WT: 28 LBS. UNUSED \$18.95



TS-164 FREQUENCY METER CASE EMPTY CASE USED TO HOUSE FREQ METER BC-221, CAN ALSO BE USE FOR SIMILAR TYPES, HINGED FRONT COVER FOR CALIBRATION BOOK FRONT COMPARTMENT SIZE 9 $\frac{1}{2}$ x7 $\frac{1}{2}$ x7 $\frac{1}{2}$, REAR COMPARTMENT HAS 2 BALLAST TUBES AND VOLTAGE REGULATOR TUBE VR-105, REAR COMPARTMENT IS 2" DEEP ALSO RELAY AND SHOCK-MOUNTING. SHPG. WT: 19 LB. NEW \$3.95



JB-70 JUNCTION BOX; USED WITH BC-610 TRANSMITTER. FRONT PANEL HAS SWITCHES AND CONTROLS FOR REMOTE USE OF TRANS, HAS AC OUTLETS BOTTOM & SIDE, 4 HEADSET & 2 KEY JACKS, MIC PLUG, 2 WAFER, 4 TOGGLE, LEVER & START/STOP SWITCHES, CIRCUIT BREAKER, CABLES ETC. SIZE 19x13x5 $\frac{1}{2}$; WT: 40 LBE PRICE: USED \$9.95



AUTOSYN INSTRUMENT FIELD TESTER; AAF #43G18624 IS A SIMPLE TESTER THAT IS DESIGNED TO TEST THE ELECTRICAL CIRCUITS OF ALL MINIATURE 25 V. 400 CYC. AUTOSYNS. WHEN CONNECTED TO THE SUPPLY IT CAN BE USED AS A TRANSMITTER OR INDICATOR ALSO HAS ELECTRICAL ZERO TESTING CIRCUIT. SIZE: 6x10x5; WT: 8 LBS. PRICE: METAL CASE HINGED COVER & CABLES. USED \$8.95 WOOD CASE NO COVER/CABLES 3.95

MOTOROLA

MOTOROLA RECEIVER 30-40MC FM, DUAL CONVERSION SINGLE CHANNEL CRYSTAL CONTROL, SQUELCH CIRCUIT, 6 VOLT VIBRATOR POWER SUPPLY WITH 2/6x5 TUBES, RECEIVE TUBE LINEUP 8/6S67, 1/6K8, 1/6K6, 2/6H6, 1/6C8. USED LESS CRYSTALS.

SIZE: 15x9x9; WT: 30 LBS. #R-237/VRC-2 \$29.95

MOTOROLA RECEIVER 70-80 MC, DUAL CONVERSION, CRYSTAL CONTROL, SINGLE CHANNEL, SQUELCH CIR. 6 VOLT VIBRATOR POWER SUPPLY, WITH TUBES 10/7C7, 1/7C5, 2/7AG7, 1/7F7 & 2/7AG7. USED

SIZE: 15x9x9; WT: 30 LBS. #FMR-16V \$19.95

MOTOROLA TRANSMITTER F.M. 30-40MC U 6V 9.95
" F.M. 152-172 " U 6V 14.95

CABLES TO FIT MOTOROLA R/T 2/REQ. EACH 2.75

30 MC - 25 MC

BC-499 RECEIVER F.M. 20-28 MC, 5 CHANNEL CRYSTAL CONTROL, FD 15 KC, WITH 11 TUBES 3/12SH7, 1/12SJ7, 2/12H6, 2/12A6, 1/12SL7GT & 2/12K8. WITH 14 VDC DYNAMOTOR OUTPUT 260 VDC 60 MA. AUDIO OUTPUT 500OHM & SQUELCH CIRCUIT.

SIZE: 12x9x9; WT: 23 LBS.

PRICE: RE-NEW \$18.95
CONNECTOR PLUG TO FIT UNIT ... \$1.50

PHILCO

PHILCO TRANSMITTERS PRT150GT 154-172 MC. FM. 30 WATT, 6 VOLT DYNAMOTOR P.S. CRYSTAL CONTROL SINGLE CHANNEL TUBES, 2/3A4, 1/9003, 1/6BJ6, 2/2E24, 1/6CA & 1/2E30. USED COND

SIZE: 15x10x8; WT: 35 LBS.
PRICE: W/TUBES, L/CRYS. \$14.95

PHILCO RECEIVER PRT72G 70-80 MC. F.M. 6 VOLT VIBRATOR POWER SUPPLY, CRYSTAL CONTROL SQUELCH CIRCUIT, WITH TUBES 3/6B06, 3/6AK5, 2/6AQ6, 1/6CA, 1/7F7 & 1/7A8. USED LESS CRYST.

SIZE: 15x10x8; WT: 30 LBS. \$14.95

NAVY WALKIE TALKIE MARINE BAND

NAVY WALKIE-TALKIE TRANSMITTER & RECEIVER. THIS EQUIPMENT IS CRYSTAL CONTROLLED AND CAN BE OPERATED ON ANY ONE CHANNEL IN THE FREQUENCY RANGE OF 2.3 TO 4.5 MC. VOICE (A3) COMMUNICATION ONLY, OUTPUT OF TRANS IS 0.2 WATTS AND SATISFACTORY COMMUNICATION BETWEEN UNITS OVER AVERAGE TERRAIN SHOULD BE ABLE TO BE MAINTAINED-UP TO APPROX. (1) ONE MILE.

WITH TUBES 1/1R5, 1/1S5, 2/1T4, 3/3S4. VOLTAGES/REQUIRED 67.5 VDC 3 MA; 135 VDC 4 MA; 1.5VDC 225 MA FOR REC. 67.5 VDC 1.5 MA; 135 VDC 19 MA; 1.5VDC 225 MA & -6VDC 30 MA FOR TRANSMIT. UNIT COMES IN A WATERPROOF PLASTIC CASE WITH SPACE FOR BATT. OR POWER SUPPLY. TELESCOPING ANTENNA 6 FT. HAS SPEC. LOADING COIL. COMPLETE WITH TUBES, ANTENNA, 2 CRYSTALS FT-243 (NO CHOICE) HEADSET W/CANVAS BAND CARBON MICROPHONE, CANVAS COVER, & MANUAL. SIZE 8x8x2; WT: 8 LBS.

NAVY-WALKIE-TALKIE DIRECTION FINDING EQUIPMENT MODEL DAV SAME AS "MAB" DESCRIBED ABOVE ONLY HAS A DIRECTION FINDING LOOP CIRCUIT FOR HOMING AND IS IN A WATERPROOF PLYWOOD CASE WITH WEB STRAPS FOR CARRING ON BACK OR FRONT. ALSO COMPLETE WITH TUBES, HEADSET WITH CANVAS BAND, LIP MICROPHONE, TELESCOPING ANTENNA & 2 CRYSTALS (NO CHOICE) WITH MANUAL. SIZE: 14x10x3; 11LB

PRICE: UNUSED \$12.95

VIBRATOR POWER SUPPLY MAB & DAV DESIGNED FOR USE WITH MAB & DAV DESCRIBED ABOVE, OPERATES FROM 6 V DC STORAGE BATTERY NT-6, THAT FITS ON BOTTOM OF P.S. PACK, 6 V 4AMP. (CAN BE OPERATED FROM ANY 6 VDC 4 A. SOURCE) SUPPLIES 1.5 VDC .3 A, -6 VDC .02 A, 67.5 VDC .005 A, 135 VDC .02 A. ALSO USED WITH NAVY EQUIP. MU, MV, MW & MX. SIZE: 6x3x1; WT: 2 LBS. NEW \$6.95

N-T-6 PLASTIC STORAGE BATTERY FOR ABOVE POWER SUPPLY CRF-20221 SUPPLIES 6 VOLTS DC 4 AMP. SIZE: 3x2x2; WT: 2 LBS. DRY CHARGE BATTERY. \$3.95

30 MC - 50 MC

RCA F.M. RECEIVER 30 - 50 MC SINGLE CHANNEL, CRYSTAL CONTROL, WITH TUBES 9/6SH7, 1/6SL7, 1/1635 & 2/6H6. AVAILABLE WITH 6 OR 12 VOLT VIBRATOR PACK.

SIZE: 9x10x16; WT: 23 LBS.
RCA#CVIB OR EQUIVALENT.

PRICE: USED W/6 V. PACK \$29.95 W/12 V \$34.95

LINK RECEIVER 30-50 MC FM TYPE 11-UF-ED-6. CRYSTAL CONTROL SINGLE CHANNEL, DUAL CONVERSION, SQUELCH CIRCUIT WITH TUBES 5/7AG7 2/7AG, 1/7C7, 1/7F7, 1/7B5 & 1/7F7. VOLTAGES REQUIRED FOR FILAMENT 6 VOLTS, HIGH VOLTAGE 250 VDC 60MA.

SIZE: 7x1x3x9; WT: 22 LBS. PRICE: USED \$27.50
POWER & CONTROL PLUG \$1.00 ANTENNA PLUG \$1.00

RCA FLEETPHONE 30 - 50 MC FM RECEIVER-TRANSMITTER. MODEL CMV-2E, 30 WATTS TRANSMITTER WITH TUBES 1/807, 3/6BH6, 1/5763, 1/12A7, 2/6CA & 1/6AK5. RECEIVER TUBES 1/6AK5, 8/6BH6, 2/12AX7 & 6AL5. CRYSTAL CONTROL, SINGLE CHANNEL, SQUELCH CIRCUIT. TRANS. W/ 12 VOLT DYNAMOTOR, REC. 12 VOLT VIBRATOR PACK. (USED)

SIZE: 11x7x17; WT: 44 LBS. PRICE: \$39.95 USEI

CONTROL RECEIVER

R-127 RADIO CONTROL CONVERTING RECEIVER 162-174 MC F.M. 2 CHANNEL OUTPUT, BATTERY OPERATION, REQUIRED VOLTAGES 67.5, 45, 90, 1.5, 7.5 & -10.5 WITH TUBES 2/959, 2/1T4, 2/3S4, 1/1S5 & 1/958. I.F. 8.25MC CHASSIS AS PHOTO. W/SCHEMATIC

SIZE: 12x7x8; WT: 12 LBS. RE-NEW \$19.50
CONNECTOR PLUG TO FIT UNIT..... 1.50

NAVY TCS TRANSMITTER

AM, 1.5 TO 12 MC IN 3 BANDS, 40 WATTS CW, 20 WATTS PHONE, VARIABLE MASTER OSCILLATOR AND 4 CRYSTAL CONTROL PRE SET CHANNELS OVER THE ENTIRE FREQ. RANGE. WITH 3/12A6 TUBES IN THE OSC. AND BUFFER-DOUBLER, 4/1625'S MODULATOR AND POWER AMPLIFIER STAGES. ILLUMINATED DIAL WITH VERNIER AND SPIN TUNING, 2 1/2 INCH METERS FOR READING VOLTAGES & R.F. ALL TUNING AND OPERATING CONTROLS ARE ON THE FRONT PANEL. VOLTAGES REQUIRED 12 VDC & 400-440 VDC 200 MA. SIZE: 11x11x13; 41LB

USED \$34.50
USED CHECKED \$44.50
FOR OPERATION \$44.50

TCS POWER SUPPLIES

115 V 60 CYCLE (NOT SURPLUS) COMBINATION UNIT FOR RECEIVER, TRANSMITTER & CONTROL Bx 7x8x13; 50 LBS. WIRED \$50.00

TRANSMITTER ONLY; 5x6x9; 15 LB. " 35.00
RECEIVER ONLY WITH SPEAKER 10x10x6; 15 LB. " 20.00

TCS CABLES RECEIVER TO POWER SUPPLY \$2.75
" TRANSMITTER TO " 2.75
PLUGS FOR CONTROL BOX & " (2) 3.00

TCS ANTENNA LOADING COIL #47205; USED TO MATCH THE OUTPUT OF THE REC/TRANS. TO A WHIP ANTENNA TO OBTAIN THE MAXIMUM PERFORMANCE. OR BY USE OF THE 6 POSITION TAP SWITCH IT CAN BE USED TO MATCH VARIOUS LENGTHS OF STRAIGHT WIRE ANTENNA SYSTEMS.

SIZE: 6x9x6; WT: 7 LBS. PRICE: USED \$6.95

TCS PARTS MOST PARTS AVAILABLE, ADVISE US OF YOUR NEEDS.

LINK RECEIVER TRANS. 152-172 MC & 12 V

LINK RECEIVER #1905 152-172 MC FM, DOUBLE CONVERSION, SINGLE CHANNEL CRYSTAL CONTROL, VIBRATOR P.S. SQUELCH CIRCUIT WITH TUBES 2/7AG6, 1/7F7, 7/7AG7, 1/7B5 & 2/6AK5. CONDITION USED.

PRICE: W/12 VOLT P.S \$39.50 W/6 VOLT P.S \$34.95

LINK TRANSMITTER #1905 152-172 MC FM, 50 WATT WITH TUBES 2/2E26 DRIVING A 829 IN THE FINAL, 1/7AG7, 1/7F7 & 1/7W7. DYNAMOTOR POWER SUPPLY. PRICE: W/12 VOLT P.S \$19.95 W/6 V. P.S \$14.95

SIZE OF REC/TRANS. 8X10X12; WT. EA. 30 LBS.
CABLES: (REC. 2 REQ.) (TRANS. 3 REQ.) EA. \$2.75
TRANSMITTER ONLY LESS TUBES & DYNAMOTOR \$7.75

GENERAL ELECTRIC FM TRANSCEIVERS 148-174 MC. COMPLETE WITH TUBES: 2/12AT7; 2/6AK5; 6/6BH6; 6AQ5; 2/12AX7; 6AL5; 6CA6AQ7; 3/6BJ6; 5763; 2E26. NO ACCESSORIES AVAILABLE.

ES12A1 12VDC \$69.50

SAME AS ABOVE EXCEPT: COMPLETE WITH TUBES. 6/6BH6; 6AL5; 12AX7; 2/12AT7; 5763; 12AU7; 6AQ7; 6AQ5; 6AK5; 2E26; 4/6BJ6. NO ACCESSORIES AVAIL. SH. WT. 40 LBS. ES12A2 6VDC \$55.00

MOTOROLA HANDIE-TALKIE FM 152-172 MC \$40.00
GE TRANSMITTER 40-50 MC FM 30W 6V #4ET 14.95

COMCO #275-C RECEIVER-TRANSMITTER 152 - 172MC F.M. 2-3 WATTS, 6 VOLT USED \$35.00

RCA FLEETPHONE CMV4E RECEIVER-TRANSMITTER 6V 152 TO 172 MC, 30 WATT TRANS. USED \$40.00

MOTOROLA TRANSMITTER-RECEIVER 152 TO 172 MC 6 VOLT, 7 WATT. ONE PC. UNIT, USED \$35.00

BENDIX TRANSMITTER-RECEIVER 152 TO 172 MC SHOULDER TYPE PORTABLE MODEL MRT-28 OPERATES FORM 6 VDC, SELF CONTAINED WET CELL BATTERY OR EXTERNAL, 2 WATT W/MIC & HEADSET U \$45.00

NAVY TCS RECEIVER

AM, 1.5 TO 12 MC IN 3 BANDS, CRYSTAL CONTROL ON FOUR PRESET CHANNEL OR VARIABLE FREQUENCY OVER THE ENTIRE RANGE. AUDIO OUTPUT 1.5 WATTS INTO A 500 OHM LOAD. WITH TUBES 12SK7 RF AMPLIFIER, 12SA7 CONVERTER, 2/12SK7 IF AMPLIFIER, 12SQ7 DETECTOR/BFO, 12A6 OSC. & 12A6 AUDIO AMP. IF FREQ. 456. ILLUMINATED DIAL WITH VERNIER & SPIN TUNING. AUDIO GAIN, AVC & BFO CONTROLS. VOLTAGES REQUIRED 12 VDC & APPROX. 220 VDC @ 100 MA. CW PITCH AND OSCILLATOR SELECTOR CONTROLS. SIZE 11x11x13; 37LB. USED \$44.95
USED CHECKED FOR OPERATION 54.95

TCS REMOTE CONTROL UNIT TYPE 23270 FOR REC. TRANS. AND AMPLIFIER WITH HEAVY DUTY 5" PM SPEAKER, MIC & PHONE JACKS, VOL. CONTROL & SWITCHES. 3x5x7; 7 LBS. RE-NEW \$9.95

RUBBER SHOCK MOUNTS ONLY EACH \$1.50
MOUNTING BASE ONLY \$1.50 WITH 4 MOUNTS \$2.95
NOISE LIMITER CONVERSION KIT W/6H6TUBE 2.00

TCS DUAL DYNAMOTOR POWER SUPPLY INPUT 12 VDC 14.5 AMP. OUTPUT 440 VDC 200 MA. FOR TRANS. 225 VDC 100 MA. FOR REC., FILTERED INPUT & OUTPUT WITH START RELAY & CONNECTORS FOR CONNECTING REC. TRANS. & CONTROL BOX. RE-NEW \$14.95

D-401 DYNAMOTOR ONLY FOR TRANS. INPUT 12 VDC 9.9 AMP, OUTPUT 440 VDC 200 MA. RE-NEW \$6.95
D-402 DYNAMOTOR ONLY FOR REC. INPUT 12 VDC 3.8 AMP. OUTPUT 220 VDC 100 MA. RE-NEW \$4.95

STEPPING SWITCHES

WESTERN UNION AUTOMATIC NUMBERS
CONSISTS OF 3 ROWS OF LIGHTS
NUMBERED 0-9, 3 STEPPING SWITCHES
6 DECK 11 POSITION, ONE 10 DECK
24 POSITION STEPPING SWITCH, ONE
RELAY 4PDT & 4PST, OPERATES 40-
48 VDC, MOUNTED ON CHASSIS 4x4
7x13x3; WT: 12 LBS. #9701-1A
PRICE: USED \$19.95

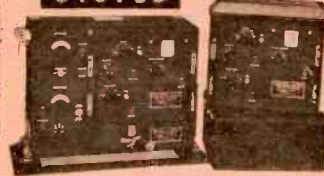


STOCK#	POS.	DECK	VDC	PRICE:
7709181P2	25	10	24	\$9.95
7709181P6	25	9	24	8.95
7709181P1	26	9	24	9.50
CONTINENTAL CONNECTORS 75-20H-1				
ONP2 & P6, 34-20H/P2, 21-20H/P1				
Z17139	25	5	24	\$5.95
917723	24	6	30/36	4.95
917722	24	8	30/36	5.95
916909	24	10	30/36	6.95
916972	12	2	32/36	1.95
917958	11	3	32/36	2.95
917978	11	6	32/36	3.95

NO CONNECTORS 917958
ON OTHER UNIT 917978

BC-223 TRANSMITTER

\$19.95



BC-223
TRANSMITTER
25 WATT
2000 TO 5200KC
BY USE OF 3
PLUG IN TUNING
UNITS, CRYSTAL
CONTROL AND
VARIABLE OSCIL
LATOR, FOUR
PRESELECTED
CHANNELS, USES

FT-171 CRYSTAL HOLDERS WITH TUBES 1/801 OSCIL
LATOR, 1/801 POWER AMPLIFIER, 2/46 MODULATORS,
1/46 AUDIO AMPLIFIER, 2 1/2" METERS, 0-3 R.F. &
0-300 VDC MA. VOLTAGE REQUIRED 12 OR 24 VDC
& 500 VDC @ 150-200 MA.

Size: 18x13x7; WT: WITH 3 TUNING UNITS 100 LBS
PRICE: W/TUBES AND 3 TUNING UNITS WITH CASES
FOR 2 TUNING UNITS.. NEW \$19.95

TU-17 TUNING UNIT 2000-3000 KC.	\$3.95
TU-18 " " 3000-4500 "	2.95
TU-25 " " 4500-5200 "	2.95
CS-56 CASE FOR HOUSING TUNING UNIT	1.00
FT-173 SHOCKMOUNTING	1.95
POWER PLUG CONNECTOR F/TRANS OR POWER	1.25
PE-135/PE-55 DYNAMOTOR 12/24 VOLT, USED	10.95
AC POWER SUPPLY	
KIT OF PARTS \$25.00 WIRED \$29.95	

COMCO MODEL 278 TRANSMITTER-RECEIVER
275 MC. RECEIVER-TRANSMITTER
FOR 6/12/24 VOLT OPERAT
ION. POWER OUTPUT 2-3
WATTS. UNIT IS CRYSTAL
CONTROLLED (CRYSTALS
NOT INCLUDED). COMPLETE
WITH TUBES: 2E26, 5686,
5/68H6, 12AX7, 2/6AQ5,
6AT6, 3/6BJ6, 6BE6,
2/6AK5, 6AK6. UNIT COMPLETE WITH TUBES,
CABLES, SPEAKER, AND CONTROL BOX.
SIZE: 12x11x15 1/2. WT: 35 LBS.
USED \$39.95



DIVERSITY RECEIVER

DIVERSITY RECEIVING EQUIPMENT
PROVIDES A MEANS FOR COMBINING
THE OUTPUT OF THREE
RECEIVERS TO PRODUCE A SINGLE
KEYED AUDIO OUTPUT SIGNAL,
FREE FROM NOISE AND OTHER UN-
DESIRED INTERFERENCE. IT IS
SUITABLE FOR USE ONLY IN CW
& MCW SIGNALS AND NOT VOICE.
THE BAND PASS FILTER IS FOR 600 TO 1200 CYC.
AND THE OUTPUT OF EACH RECEIVER IS INDICATED
ON THE METERS WHICH ARE 500 MICROAMP. THE
AUDIO FREQ. CONTROL CAN BE ADJUSTED FOR THE
PROPER BAND PASS. INPUT AND OUTPUT IMPEDANCE
IS 600 OHMS. EQUIPMENT OPERATES FROM 115/230
VOLT 50/60 CYC. AND CAN BE RACK MOUNTED.
W/TUBES 1/VR-150, 1/6F8, 3/6A6, 2/6S17, 1/77,
1/1V, 1/80. SIZE: 21x19x14; WT: 125 LBS.
PRICE: NEW WITH MANUAL \$19.95

AMPLIFIER, FILTER, POWER SUPPLY.
PRINTED CIRCUIT WITH TUBES 2/5840, 1/
5678 & 1/6112, SILVER PLATED SHIELDS
RESISTORS, CONDENSERS ETC. SIZE: 5x3x3
3; 2LBS. #1280-779-1385 \$1.95

EXPERIMENTER'S

POWER SUPPLY

BOARD

EXPERIMENTAL POWER SUPPLY BOARD. USED IN
SCHOOLS FOR DEMONSTRATIONS OR LAB. USE.
2/ 8 MFD CAPACITORS, RESISTORS, TUBE SOCKETS,
CHOKE, AND TRANSFORMER, PRI: 115V 50-60 CYC
SEC: 700VCT @ 200 MA. 5V @ 3 AMP, 6.3V @ 8AMP
HUMB-SCREW TYPE TERMINALS. 12x18 16 LBS.
\$9.95



METER

BOARD

EXPERIMENTAL METER BOARD. UTILIZES 0-1 MA
METER IN METAL CASE, 28 RESISTORS, AND THREE
POTENTIOMETERS. THUMB-SCREW TYPE TERMINALS
SIZE: 12x18 WT. 9 LBS. \$9.95

AIRSPEED INDICATOR

ID-1688/APA-44 AIRSPEED
INDICATOR. CONTAINS A
KOLLSMAN TRUE AIRSPEED
METER AND AN INDICATING
DEVICE WITH A RANGE OF
84 TO 434 KNOTS. BY OPERATION OF THE TEST
SWITCH THE AIRSPEED SERVO MAY BE MADE TO RUN IN
DIRECTION OF INCREASING AIRSPEED, IN DIRECTION
OF TRUE AIRSPEED, OR TO HOLD THE PRESENT SETTING
FLEXIBLE TUBE CONNECTED TO A TEMPERATURE COMPEN
ATING THERMOMETER.. JOHN OSTER MOTOR # AV 240
28 VDC. TUBES 1/6AK5W. WESTERN ELECTRIC RELAY
D171584. SIZE 15x7x5. WT. 19 LBS.
USED \$5.95 RE-NEW \$8.95



RT-122/APW-11 REC.-TRANS.

RT-122/APW-11 RECEIVER TRANS-
MITTER, THIS UNIT CONSISTS OF
A TUNABLE RECEIVER CAVITY, A
CRYSTAL DETECTOR, A VIDEO AMP
LIFIER, DECODING CIRCUITS, A
TRANSMITTER AND CIRCUITS FOR OB-
TAINING AUDIO FREQUENCY TONES FROM
THE PULSE POSITION MODULATED SIGNALS OF THE
AN/MSQ-1. THE TRANSMITTER CONTAINS CIRCUITS
FOR ENCODING THE REPLY BY VARYING THE SPACING
BETWEEN THE TWO REPLY PULSES. THE RECEIVER-
TRANSMITTER RECEIVES INPUT PULSES TRANSMITTED
AT A PULSE REPETITION FREQUENCY OF 410 CYCLES
PER SECOND AND A PRESET CARRIER FREQUENCY
RANGING BETWEEN 2680 AND 2920 MC. THE REPLY
PULSES ARE AUTOMATICALLY TRANSMITTED AT A PRE-
SET CARRIER FREQUENCY RANGING BETWEEN 2700 AND
2950 MC. TUBES: 1/12AT7; 2/2D21; 6AS6; 6AL5
2C40. SIZE: 13x5x6. WT. 19 LBS.
PRICE: USED WITH TUBES... \$14.95
USED LESS TUBES... \$5.95



C-400/APW-11 SELECTOR UNIT FOR
RT-122 REC-TRANS. CONTAINS
6 RELAYS 24 VDC SPST NORM OPEN
15 9 PIN SOCKETS, 1 OCTAL, 6
FILTERS, 1 DPDT SW. RESISTORS
CONDENSERS ETC. 5x6x12; 8 LBS
PRICE: USED LESS TUBES \$2.95



SERVO AMPLIFIER

SERVO AMPLIFIER #358661 IN SEALED
BLACK BOX CONTAINING SIX (6)
TUBES 2/6AL5, 2/6AQ5, 1/6096, 6/101,
RELAY DPDT, OUTPUT TRANS. COND.
RESISTORS ETC.
SIZE: 5x3x4; WT: 4 LBS. USED \$1.95



AMPLIFIER

WEBSTER ELECTRIC AMPLIFIER
SERVO TYPE: OPERATES FROM
115 VOLT 60 CYCLE, WITH TUBE
3/6SN7, 1/6H6, 1/6SN7 & 1/5T4.
POWER SUPPLY OUTPUT 250 VDC
80 MA (UNFILTERED) 5 VAC @ 3 A
6.3 VAC @ 3 A., 6.3 VAC @ 4 AMP. ALSO INTER-
STAGE TRANSFORMERS, RESISTORS, CONDENSERS
CONTROLS ETC. CHASSIS SIZE 14x6x1 1/2; WT: 19 LB
PRICE: USED \$4.95



TRANSISTOR BOARDS

THE TRANSISTOR BOARDS LISTED BELOW ARE APPROX.
4 1/2x5 1/2 AND CONTAIN THE PARTS LISTED.
PRICE: EACH, \$1.25

#44485-506-11
3/#6111 G.E. TUBES; 2/2N338 SWITCHING
AND HIGH FREQUENCY TRANS.; 21/2 WATT
RES.; 3/1 WATT RES.; 6/ GLASS DIODES;
CAPACITORS: 3/.1 MFD @ 100 VDC; 2/.061
MFD @ 200 VDC; 3/1.5 MFD.-150 VDC TAN
ALUM CAP.



#40085-401-31
2/2N498 4W. SILICON MESA PNP TRANS.
1/2N335 .15W SMALL SIGNAL TRANS. 6/
1N540 DIODE 2.5A-400PIV; 4/1/2 WATT
RES.; 3/1/2 WATT 1% RES.; CAPACITOR:
1/5MFD-150 VDC TANTALUM; 1/7 MFD
100VDC TANTALUM; 1/2MFD-100VDC TAN-
ALUM; 1/.1MFD-1000 VDC; 1/.0033MFD
100VDC; 3/.1MFD-100VDC; 1/1000OHM
BOURNS TRIMPOT.



#40835-401-11
2/2N498 SILICON MESA PNP-4W; 3/2N335
.15 W SMALL SIGNAL TRANS.; 6/U-292
DIODES; 1/2K BOURNS TRIMPOT; 4/1/2 WAT
RES.; 1/1/2 WATT 1% RES.; 1/.1MFD-200
VDC CAPACITOR.



#44490-506-11
1/#6021 TUBE; 4/1N251 SILICON SIG-
NAL DIODE 5MA 1V.; 1/1N643 SILICON
DIODE 10MA-200V.; 1/10K BOURNS TRIMPOT
1/1/2 WATT RES.; 2/2 WATT RES.; 1/1% RES
CAPACITOR: .35MFD-150VDC TANTALUM
1.5MFD-150VDC TANTALUM; .0047MFD
-200 VDC; .022MFD-200 VDC; 3/.01-
200 VDC; .01-400 VDC; 1 TRANSFORMER



K2401 PLUG-IN PRINTED CIRCUIT
BOARD W/BILEY CRYSTAL 435 KC
6 TRANSISTORS, 12 DIODES,
436 KC & 108 KC FILTER, COND
ENSERS, RESISTORS, TRANSFORMER
SIZE: 9x4x1; 2LB. USED \$2.95

K2419 SIMILAR TO ABOVE UNIT W/ 7 DIODES, 2
TRANSISTOR, 19 RESISTORS, 14 CAPACITORS, 5
SMALL TRANSFORMERS, 2 FILTERS, SOCKETS ETC.
SIZE: 9x4x1; 2LBS. \$1.50

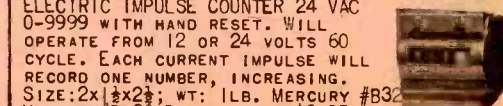
TRANSISTOR BOARDS 5/ \$1.00
BOARDS SIMILAR TO THOSE PICT-
URED. EACH PACKAGE CONTAINS
5 BOARDS WHICH HAVE DIODES
TRANSISTORS, CONDENSERS, AND
RESISTORS. EACH BOARD 2 5/8
BY 3 7/8. WT. 9 OZ.
PRICE: 5/ \$1.00

COMPUTER
COMPUTER PRIMARY CONTROL BOX MK-1
CONTAINS 1 AY-232 AUTOSYN, 4 BAND
SWITCHES, 4 TOGGLE SW. 6 PILOT LITE
2 SMALL DIRECT LITES, 4 RELAYS 24 V
KNOBS, CONN. ETC.
SIZE 6-3/4x10x6; WT: 10 LBS. \$8.95

VIGATIONAL AIR DATA COMPUTER
SERVO AMPLIFIERS #SA 118H
/P.S.#107861, 1 TEST ADAPTER,
POSITIONERS FOR JUMP ANGLE,
TRUE AIR SPEED, DYNAMIC PRES
SURE, AIR DENSITY, ANGLE OF
ATTACK & MACH.
SIZE: 9x5x17; WT: 40 LBS.
USED \$18.95

ELAPSED TIME METER
ELAPSED TIME METER 0-9999.99
HOURS. CAN BE USED TO KEEP
RECORD OF RUNNING OR OPERAT-
ING TIME OF ELECTRICAL, ELE-
CTRONIC EQUIPMENT, INDUSTRIAL
MACHINES ETC. RECORDS ELAPSED
OPERATING TIME IN HOURS, TEN-
THS & HUNDRETHS. OPERATES
FROM 40 VOLTS 60 CYCLE OR FROM 115 VOLT 60
CYCLE BY USE OF DROPPING RESISTANCE WHICH IS
SUPPLIED. NUMBER VIEWER SIZE 1/2". USED
1BM#74C503D; SIZE: 2 1/2x2 1/2x3 1/2; 2 LB. \$2.95

ELECTRIC IMPULSE COUNTER 24 VAC
0-9999 WITH HAND RESET. WILL
OPERATE FROM 12 OR 24 VOLTS 60
CYCLE. EACH CURRENT IMPULSE WILL
RECORD ONE NUMBER, INCREASING.
SIZE: 2x1 1/2x2 1/2; WT: 1LB. MERCURY #B32
MERCURY #B-32 PRICE: USED \$2.95



RELAY

RELAY 24 vdc SPDT
1 1/2x1 1/2x1 1/2
#CVS 571981 \$.35

TELEPHONE TYPE

RELAY 4PST NORMALLY OFF 12
VDC GR204-BC-966A 1 1/2x1 1/2x3 1/2
3380-557180-7435 \$1.00

RELAY 12 VDC MAKE 2, BREAK 1
2 SEPARATE WINDINGS. 3 1/2x1 1/2x1 1/2
408691-128 \$.75

RELAY 12 VDC, 2 BREAK, 2 MAK
3 1/2x1 1/2x1 1/2 #408691-67 \$1.00

RELAY 200 VDC 135 MA, ONE
COIL 1100 OHM, OTHER 1200
OHM, CONTACTS 2PDT, 6PST-NO
1PST-NC #5945-259-4275 \$1.

RELAY 150 VDC 150 MA. 1000
OHM COIL, CONTACTS 6PDT &
4PST-NO POTTER & BRUMFIELD
82-92-1005 BS-2202 \$1.00

RELAY CONT ARRANGEMENT 2E/ E
IC. 115 VAC 60 CYC FAST ACT
BREAK 7: MAKE 4. 4x2 1/2x1 1/2
227593-41 \$1.50

POTTER & BRUMFIELD
PLUG-IN TYPE RELAYS
PULL-OUTS GUARANTEED

24 VDC 3PDT \$.65
#82-70-5134/82-70-
5574/82-70-5640/82-
00-25134/82-0025129

24 VDC 2PDT 82-00-26129 50¢
24 VAC 3PDT KRP14A \$.75
24 VAC 3PDT 82-57-1229 .75
24 VAC 2PDT 82-70-8513 .50
115 " 2PDT KRP11A \$1.00
12 VAC 2PST 82-70-85130 .50
12 VAC 2PDT/ISPST-NC/ .60
ISPST-NO #82-70-5132

24 VDC 2PDT 82-00-26129 50¢
24 VAC 3PDT KRP14A \$.75
24 VAC 3PDT 82-57-1229 .75
24 VAC 2PDT 82-70-8513 .50
115 " 2PDT KRP11A \$1.00
12 VAC 2PST 82-70-85130 .50
12 VAC 2PDT/ISPST-NC/ .60
ISPST-NO #82-70-5132

SEALD RELAY TWO COILS
EACH WITH DPDT. COILS
NOT OPERABLE SIMULTAN-
EOUSLY. ONE COIL IS
CONTROLLED BY THE CON-
TACTS OF THE OTHER. OPERATE
FROM 12 VDC. 2 1/2x2 1/2x1 1/2
57175 \$1.00

RELAY 12 VDC, 67 OHMS DPDT
NORMALLY OPEN. REMOVED FROM
EQUIPMENT. 2x3 1/2x1 1/2
SW-182-F \$.50

RELAY 6V D 1 1/2x1 1/2x1 1/2
41F 500S-SIL \$.50

PLATE RELAY 10,000 OHMS.
CONTACTS 115 VAC @ 5 AMPS
1 1/2x1 1/2x1 1/2 #R2P-3189 \$1.50

SEALD RELAY TWO COILS
EACH WITH DPDT. COILS
NOT OPERABLE SIMULTAN-
EOUSLY. ONE COIL IS
CONTROLLED BY THE CON-
TACTS OF THE OTHER. OPERATE
FROM 12 VDC. 2 1/2x2 1/2x1 1/2
57175 \$1.00

INTERVAL TIMER ASSEMBLY
RELAY TIME DELAY
5 MIN. RESET
DELAY 100 SEC.
MOTOR VOLTAGE
120V 400 CPS

CLUTCH VOLTAGE 28 VDC.
ALLIED CONTROL UNIT: 115V,
400 CPS, CONT. 2A-29VDC
AND 24V 4PDT RELAY. 5LBS.
#SS 19180 \$2.95

CRAMER
TIME DELAY RELAY
METER INDICATOR
TYPE, SHOWS IF
UNIT IS ON OR OFF.
SIZE 3x3x3

#59C48746 2 SEC. \$4.95
#59K48748 20 " 4.95
#59K48747 2 MIN. 4.95
#59K48805 SAME AS ABOVE
ONLY 3 1/2" RD. 3 MIN. \$4.95

SILICON

RECTIFIER

POWER TESTED AT
1 MA MAX. LEAKAGE

1 AMP (TOP HAT)	
50-200 PIV \$.10
200-400 "	.15
400-600 "	.25
600-800 "	.35
800- "	.45
1000 "	.55

5 AMP (STUD)	
200-400 PIV	.50
400-600 "	.60
700 "	.70
800 "	.85
1000 "	1.75

INI347 6 AMP. 500
PVI (GOLD) 1.50

35 AMP (STUD)	
50 V	\$.75
100 V	1.00
200 V	1.50
300 V	2.00
400 V	2.25
500 V	2.50
600 V	3.00
900 V	4.00

STRATOPACK FOUR
SECTION RELAY
SECT. #1 4PDT
" 2 4PDT
" 3 4PDT
" 4 6PDT
24 VOLT D.C.
3 1/2x4 1/2x7; 5 1/2LB \$1.95

RHEOSTAT

OTHER VALUES
IN STOCK
WRITE FOR
YOUR NEEDS

STK #	PL	WATTS	OHMS	PRICE
1050-#	25	.25	\$.50	
30993	25	.50	.50	
750KK	25	.75	.50	
13990"	25	1.00	.50	
201KK	25	2.00	.50	
299DC.	25	2.00	.50	
25250	25	2.50	.50	
50853-1.	25	2.50	.50	
13990-L29"	25	1000	.50	
152KK.	25	1500	.50	
642-4609	25	5	.50	
41132	50	7.5	.75	
353-5049	50	8	.75	
15822	50	17	.75	
5895	50	20 (DUAL)	1.00	
666-1731	50	34	.75	
075-365-9	50	50	.85	
32229	50	60	.75	
581-0066	50	100	.75	
(W/MICRO. SW-NC-NO)	1.00			
8852-L20	50	600	.75	
193-3450	50	2500	.75	
201FK150	100	15	1.50	
316-0796	100	360	1.50	
2R0KK	100	2	1.50	
3R0KK	100	3	1.50	
6416	100	6	1.50	
695692-1	100	10	1.50	
120KK	100	12	1.50	
2469U	100	1100	1.50	
549-5683	150	750	2.95	
1025	150	.25	2.95	
1050	150	.50	2.95	
697242-3	150	25	2.95	
154	150	25	2.95	
665-6938	150	3	2.95	
563501	150	125	2.95	
351KK	150	350	2.95	
235944	150	400	2.95	

PLEASE LIST SECOND CHOICE
RHEOSTAT IN DUST-PROOF CAN
SCREW DRIVER ADJUSTMENT

CRYSTALS

100 Kc.
CRYSTAL
UNIT CR-15/U
JAMES KNIGHT
TYPE H-11M
3 PRONG x1
\$3.95

BLILEY 100 Kc. CRYSTAL TWO
PRONG 1/2" SPACING #KV3A
\$3.95

1000 KC CRYSTAL FOR BC-221
OCTAL BASE \$5.95

465 KC CRYSTAL, RESONATOR
TYPE FILTER AS USED IN BC-
794, BC-1004 ETC. \$1.50

200 KC CRYSTAL IN OCTAL
TYPE TUBE HOLDER \$3.50

CRYSTALS: FT-241-243 21-39
MC. F/BC-604-684-620-659
NO CHOICE FREQ. 5 FOR \$1.00

IN-21A CRYSTAL DIODE
\$.25 EACH 5 FOR \$1.00

CRYSTAL OVEN 110 V.
60-1000 CYC. FOR
HC-6/U, CR-26/U ETC
CRYSTALS, WELL FILT
ERED, OCTAL BASE
MOUNTING WITH 254.
72 CRYSTAL.
1 1/2x4 1/2x1 1/2 WT 1 OZ.
#HUG 945550-1 \$1.95

CRYSTAL OVEN 26.5
VOLTAGE: 26.5
TEMP: 85 C \$1.25
30 WATTS SIZE:
2 1/2x4 1/2 537

CRYSTAL OVEN 6.3V
FOR TEN HC-6/U,
CR-26/U ETC. HOLD.
MOUNTED ON PRINTED
CIR. BOARD W/10NPO
CAP. 3-12MMF.
#0-402
SIZE 2x2 1/2x3; 4 OZ. \$1.00

CIRCUIT BREAKER

115 VOLT 60 CYC
3H900-1.5.1 1 AMP \$1.50
3H900-1.25 1 1/2 " 1.00
62349M6 3 POLE 1 1/2 " 2.50
3H900-3-2 3 " 1.00
3H900-4-7 4.7 " .50
P-0111 12 " 1.50

24-30 VOLTS
3H913-5 5 AMPS \$.50
8751K4 10 " .50
AN1513F35* 35 " .75
AN 3160-50L* 50 " .75
* LUMINOUS TIP

AIRCRAFT TYPE CIRCUIT BREAKER
5 AMP AN 3161-P5 \$.50
10 " AN 3161-P10 .75
15 " AN 3161-P15 .75

METAL STAND
W/RUBBER FEET
BASE 8x11 1/2x13
LEGS 13x13x16
2 1/2" HIGH.
ORIGINALLY USED
AS RECORD HOLDER STAND, CAN
BE USED AS BOOK, FLOWER, TV,
RADIO OR WHATEVER YOU CAN
USE IT FOR. WT: 4LB. 75¢

SWIVEL BASE AS
USED ON THE BOTTO
M OF TV SETS, 5"
SQUARE, HAS 1/2 TURI
STOP THAT CAN BE
REMOVED FOR 360 DEG. ROTAT
ION. 2LBS. 75¢

MULTI-STATION RADIO
CONTROL BOX. FIVE
IND. LIGHTS W/DIMMER
4 POS. SW. & 4 PUSH
BUTTONS. 2 VOL. CONT
#1004711 \$3.95

APPROACH LIGHT
GRIMES#NAF1024-2
24 V, SPLIT GREEN &
AMBER LENS & CLEAR
3x3x4 1/2; 1 LB. \$.75

TERMINAL
BOARD
PART OF
BD-96
SWITCH-
BOARD. 10 HEAVY DUTY BLACK
BINDING POSTS, SCREW TYPE &
90 SLOTTED HEAD BRASS BINDI
NG POSTS ON BOARD 19 1/2x5 1/2x
WT. 8 LBS. \$1.95

TERMINAL
BOARD
P/O BD-71
SWITCHBOARD. 15 BRASS SCREW
TYPE BINDING POSTS ON INSUL
ATING BOARD 3 1/2x16 3 LBS.
\$1.50

AUTOMOTIVE MOTORAIDE METERS

CIRCUIT
0-1 M.A. MOVE.
0-10 V. SCALE
0-7.5 A. "
0-1K OHM "
SIZE 3 1/2x5 1/2
\$3.95

REGULATOR
0-1 M.A. MOVE.
0-60 DCA SCALE
0-10 DCV "
0-20 DCV "
0-15 D.C.V
SIZE 3 1/2x5 1/2;
\$3.95

DWELL TACHOMETER VOLT METER
0-1 M.A. MOVE.
0-50 DEG DWELL
0-5000 R.P.M.
0-15 D.C.V
SIZE: 3 1/2x5 1/2
\$5.95

THIS WILL NOT BE THE ORIGINAL
SCALE AS SUPPLIED BY THE
MANUFACTURER BUT A MODIFIED
UNIT FROM THE OTHER TYPES.

METER SCALE FACE WITH
INSTRUCTIONS FOR CHANGING
CIRCUIT OR REGULATOR TYPE
METERS TO DWELL TACH METER
PRICE: \$1.00

THESE ARE FOUNDATION METERS
ONLY AND REQUIRE ADDITIONAL
PARTS TO BE USED TO CHECK
GASOLINE ENGINE CIRCUITRY.

MOTORAIDE METER
CASES, EMPTY, FOR
MOUNTING METERS
SHOWN
PRE-CUT HOLE AS
USED IN ORIGINAL
TEST EQUIPMENT.
5 1/2x3x7; WT: 2LB. \$1.50

GENERAL ELECTRIC
EIGHT INCH FAN
AND MOTOR.
COMPLETE ASSEM-
BLY INCLUDING
BRACKET. MOTOR
IS 115V 60 CYC
1550 RPM. WT. 5 LBS.
5x8x10
New \$2.95

QUAL EXHAUST FANS; For
19" RACK MOUNTING, 110
V CAPACITOR TYPE MOTOR
6 1/2" BLADES, 3250 RPM
MOTORS MOVE PLENTY AIR
: 12 LBS. USED \$14.95

SINGLE BAND
BEAM BALUN
INPUT 75 OHM UN-
BALANCED. OUT-
PUT 100 OHM BAL-
ANCED. UNIT
FOR 10 METERS ONLY. WEATHE
PROOF. 3 1/2x3 1/2x4 WT. 5 LBS.
PRICE NEW \$1.25

ANTENNA SWITCHING
UNIT SA-649/USD
CONTINUOUS SWIT-
CHING OF TWO AN-
TENNAS TO A REC-
EIVER AT 600 CPS
USED TO REDUCE
FADING OF SIGNAL
UNIT REQUIRES 26.5VDC. TUBES
INCLUDED 2/68C4; 2/JG-6111
SIZE: 3 1/2x3 1/2x5 1/2 WT. 2LBS.
PRICE: \$3.95

ANTENNA RELAY
UNIT RE-2/ARC-5
WITH 2 1/2" ANTENNA
CURRENT INDICATOR
0-10. ALSO ANTENNA
SWITCHING RELAY AND
30 MAF VACUUM CAPACITOR
5 AMPS. 5 LBS. 3 1/2x4 1/2x6
PRICE RECOND. WITH CAP \$4.95

SELENIOD SHORTING
RELAY 40VDC
HEAVY DUTY
INSULATOR
2"x3", STEEL
SHORTING BAR
4 1/2", 1 1/2" DRAW AT END, 1 1/2"
AT SEL. SIZE 9 1/2x3 1/2x7 1/2; 10LB
#5945-201-7829 \$3.95

ARC-12 ANTENNA
CHANGEOVER RELAY
BNC CONNECTORS FOR
EQUIP. UG-23-UG-21
F/ANT. REGULAP & AUX
ANT. CONN. 24 VDC RE-
LAY. W/BNC CABLES.
\$2.75
UG-21 ANTENNA CONN. \$.75

WAVEGUIDE SWITCH
AIRTRON #70960, 24-
29.5 VOLT DC, INST
WAVEGUIDE 7/8x3/8,
1-5/8 FLG. 2/INPUT
1 OUTPUT.
5 1/2x5x5; 5LB. \$9.95

BC-198 ANTENNA 12V
SWITCHING RELAY
FOR RECEIVER TO
TRANS. PUSH BIND
ING POSTS, PL-77
PLUG. 5x5x1 1/2; 1LB. U. \$1.95

ANTENNA CHARGE-
OVER S.P.D.T. FOR
COAXIAL CABLE
28 VDC ROTARY
ACTUATOR WAFER,
ER, LOW-LOSS
HIGH-POWER.
GENERAL COMM
#21N180RC-1
NEW \$3.95

SIZE: 4 1/2x3x2 1/2; WT: 1LB.
TYPE "LN" CONN. CUT-OFFS 50¢
AN CONN. 7 CONTACT \$1.00

COAXIAL SWITCH S.P.D.T.
FOR COAXIAL CABLE
28 VDC ROTARY
ACTUATOR WAFER.
USES TYPE "N"
CONNECTOR.
SA-185/U
\$3.95

TYPE "N" CONNECTOR CUT-
OFF \$.50
CONNECTOR 3 CONTACT \$1.00

ANTENNA CHARGE-
OVER RELAY. ANTEN-
NA INPUT CONN. TO
UG-21. OUTPUT TO
RECEIVER-TRANS.
2/UG-88. 24 VDC.
#409-1005-00 NEW \$3.95

UTILITY BLOWERS

THE BLOWERS LISTED BELOW ARE STANDARD SHADED POLE TYPE AND ARE QUITE RUNNING WITH NO RADIO INTERFERENCE.

50 & 100 CFM BLOWERS

For Heat Boosters, Dryers, Exhausters, Drafts

You can't buy a better blower for forced drafts for warm air heating systems, heat boosters, exhausters, dryers, etc. Lowest priced, best made blowers of their kind.

#IC939F \$8.95
Single and twin types, 50 and 100 CFM respectively. Sturdy 3" dia. blower wheels are direct-driven by 115V, 60 Cy., quiet running Dayton motors. Steel housings are rubber mounted. 2 1/2" discharge. Mtg. velocity is 2030 ft./min. 9" wire leads. Black finish. Shpg. wts. 5 and 6 lbs.

340 CFM TWIN BLOWER

For Hot & Cold Air Circulation, Exhaust, Etc.

#2C069F \$20.95
for this 275 CFM Dayton Twin Blower. Ideal for air circulation, forced draft, and exhausting jobs requiring more air than possible with single blower. Efficient, dependable and quiet. 4 1/2" dia. balanced wheels powered by 1550 RPM, 115V, 60 Cy. motor with 12" leads. Rubber mounted pressed steel housings with 3/4"x3" outlets. Each outlet has 4 1/2" square flange to facilitate mounting. Outlet velocity is 1960 ft./min. 4 1/2" dia. air intakes. 1 1/4" W x 8 1/2" H x 8 1/2" D. Black baked enamel. You'll like this blower's performance and the way it is built. Wt. 12 lbs.

15 CFM BLOWER \$8.75
100 CFM BLOWER \$10.95
No. 2C782F No. 2C781F

2C781 100 CFM 115 VOLT 60 CYCLE INTAKE 3" OULET 2-1/8 FL 4-1/8 SIZE 5-13/16H x 6-3/4 x 6-5/16 SHPG. WT. 5 LBS. PRICE: \$10.95

2C782 15 CFM 115 VOLT 60 CYCLE INTAKE 2-7/8 OUTLET 1 1/2 FLG 2 1/2 SIZE 3-13/16H x 4W x 3-7/8D SHPG. WT. 2 1/2 LBS. PRICE: \$8.75

108 CFM 'PANCAKE' BLOWER

Compact—Motor is inside Blower Wheel

#2C067F \$12.95
Dayton "pancake" moves 108 CFM where installation space is limited. Only 4 1/4" wide because motor has been built inside blower wheel. Fits into 4-5/16" W x 8 1/4" H x 8 1/4" space. Discharge 3 1/2" H. Outlet velocity is 1530 ft./min. 4 1/4" dia. squirrel cage blower wheel and air intake. Steel, rubber mounted housing with baked on black enamel finish. 1550 RPM, 115V, 60 Cy. motor with 12" leads. Shpg. wt. 6 lbs.

140 CFM UTILITY BLOWER

For Exhausting, Forced Draft, Cooling, Etc.

Delivers blasts of air \$11.95

Com. 2C610F \$14.00
37 1/2 CFM single-inlet blower. Top performance for forced draft, ventilating, exhausting, cooling and drying applications. 5 1/4" x 4" mounting flange with 2 1/2" square discharge. Outlet velocity is 3230 ft./min. 3 1/4" dia. blower wheel direct-driven by 2800 RPM, 1 1/2 HP, 115V, 60 Cy. motor with conduit box and 20" leads. 7 1/2" W x 7 1/4" H (less flange) x 6 1/2" D. Order sample and test best 140 CFM utility blower. Wt. 9 lbs.

350 CFM DAYTON BLOWER

4 1/2" Wheel, 1/10 HP, 115 V, 60 Cy. Motor

2C841F \$22.75
Designed for application that require more air than average shaded pole blower provides. Ideal for many exhausting, heating, cooling, drying, circulating, etc. applications. 350 CFM at 60 RPM, 1550 ft./min. outlet velocity in free air. 8 1/4" x 8 1/4" blower wheel, direct driven by 1/10 HP, 1550 RPM, 115V, 60 Cy. motor with conduit box and 20" leads. 7 1/2" W x 7 1/4" H (less flange) x 6 1/2" D. Baked black finish. Shpg. wt. 13 lbs.

MINE DETECTOR

SCR-625 Famous ARMY MINE-DETECTOR USED CHECKED LESS BATTERIES \$27.95



\$32.95 WITH BATTERIES 4. BATTERIES ONLY \$5.95
USED TO DETECT HIDDEN METAL OBJECTS IN THE GROUND OR OTHERWISE HIDDEN UP TO 24 INCHES DEEP DEPENDING ON THE SIZE, AND GROUND CONDITIONS. DETECTION IS NOTED BY A TONE SIGNAL THAT IS FED INTO THE HEAD SET OR SPEAKER UNIT THAT ARE SUPPLIED WITH THE SET SHIPPED IN CARRING CASE WITH INSTRUCTIONS, 75 LBS

CRY BUTTONS REFLECTORS, CAN BE USED TO MAKE SIGNS OR MARKERS. SHINE WHEN LIGHT STRIKES 1" DIA. REQUIRES #10 NUT FOR MTG. NC# 15-1. CARD OF 100 \$2.00

FLASHER SUNBEAM#1567 115 VOLT 60 CY. 1/2 MINUTE ON 1/2 MINUTE OFF. 2 OUTPUT RECEPTACLES, LINE CORD, SWITCH, MOTOR ETC. 4 1/2 x 4 1/2 x 3; 3 LBS. \$1.75

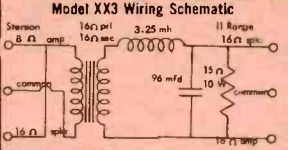
POTENTIOMETER 100 WATT, 100,000 OHM IN 20 STEPS 5000 OHM EACH WITH HEAVY DUTY CONTACTS & INSULATED TERMINALS 7 SHAFT. DAVEN#1373 SIZE: 5 1/2 x 3 1/2, SHAFT 1-3/8 x 3/8. WT: 1 1/2 LB. STK#227281-3 \$1.25

TR 711-A \$4.95

TELEPHONE SIGNAL DROP STRIP AN INCOMING CALL IS INDICATED BY THE FALLING OF A SIGNAL DROP. 6 1/2 x 4 1/2 5 LB.

POTENTIOMETER PRECISION TYPE, WIRE WOUND, 2 SEC 10,000 OHMS EACH 6 A. 3 BOLDER LUGS EA. SEC. SIZE 3x5 1/2. WT: 1 LB. STK#227284-29 \$3.75

AUDIO FILTER Model XX3 Wiring Schematic



ELECTRO-VOICE XX3 FILTER IS AN AUDIO FREQUENCY FILTER THROUGH WHICH TWO AUDIO AMP ARE CONNECTED TO TWO SPEAKER SYSTEMS. THIS FILTER DIRECT ALL BASS FREQUENCIES BELOW 300 CPS TO ONE SIDE OF THE SYSTEM WHILE THE HIGHER FREQUENCIES ARE PASSED WITHOUT CHANGE TO BOTH THE SYSTEMS. IN A STEREO SYSTEM THIS ELIMINATES THE NEED FOR TWO FULL RANGE SYSTEMS. CAN BE ADAPTED FOR OTHER USES. WT. 8 LBS. 5 1/2 x 4 1/2 x 5 1/2 EVXX3F NEW. \$2.95

ELECTRIC LOCK CONTROL SWITCH HEAVY DUTY TWO POLE SWITCH CONTROLLED BY YALE LOCK. 4 1/2 x 4 1/2 x 3 1/2; 3 LB. #B986 \$3.95

MATCHING LOCKSET FOR ABOVE #B-857 \$1.95 WT: 1 LB. \$2.25 P/O RA-60 POWER SUPPLY

PPI RADAR SYNCHRONIZER OFFSET CHASSIS ASSY WITH TUBES 2/6AT6 1/6100, 1/6096, 1/6101, CERAMIC SOCKETS, 5 TEST PIN JAC PRECISION RES., COND. TRANS, SIZE 7 1/2 x 5 1/2 x 3; 4 LBS. \$1.50 STK. No. 1013 \$1.50

MX-303A MAGAZINE FOR WIRE RECORDERS ANQ-1A, VRW-1 ETC. W/WIRE ON SPOOLS, MAGNETIZING HEAD, TIMERS, SWITCHES ETC. SIZE: 8 1/4 x 4 1/2 x 3; 5 LBS. RE-NEW \$1.95

ELECTRICAL CIRCUIT TESTER: PLASTIC UNIT CONTAINING 3 ROWS OF LIGHT BULBS 3 IN EACH ROW, WITH PLASTIC WINDOWS ON BOTH SIDES, 2, 4, 6 ONE SIDE 1, 3, 5 OTHER, SEPARATE LEADS FOR EACH ROW, CABLE 3 1/2 LG. WITH ALLIGATOR CLIP SIZE 7 x 3 1/2 x 1; WT: 1 LB. BAYNET TYPE BULBS 24 V. MX-241/ PRICE: \$3.75

CONTROL PANEL W/ SPST TOGGLE SWITCH & 6' 8 COND. CABLE. AVT-15CB \$1.50

BC-610 OSCILLATOR PLUG IN UNITS FOR 500 WATT TRANSMITTER WILL MAKE A GOOD FOUNDATION FOR A 25-40 WATT TRANSMITTER CONTAINS VAR. CAPACITORS, COILS KNOBS, CRYSTAL SOCK. SWITCH ETC. ALL UNITS ARE USED AND HAVE CRACKED INSULATION ON THE PLUG IN PIN

TU# FREQ. MC. TU# FREQ. MC.
47 2.0-2.5 48 2.5-3.0
49 3.2-4.0 50 4.0-5.0
51 5.0-6.3 53 8.0-12.0
62 1.0-1.5 "AS-IS"
SIZE: 2x8 1/2 x 4 1/2; 2 1/2 LBS. \$1.00

COILS PLUG IN AIR TYPE 5 BANANA PINS. 3 1/2 x 4 1/2; 1 LB. \$1.95

FOR BC-61C FOR BC-610
C-# FREQ. MC. C-# FREQ. MC.
448 11.0-14. 455 1.0-1.5
FOR T-4/FRC C-14 7.1-9.
" " " C-2 5.1-7.

DELCO DUAL BLOWER 100 CFM 115 VOLT 60 CYCLE .86 AMPS 2 1/2" INTAKE, 2" DISCHARGE SIDE OR FRONT MTG. SIZE 10 1/2 x 6 1/2; WT: 15 LB. #62373 PRICE: \$7.95 EA. 2 FOR \$15

BUD COILS TRANSMITTING COIL MOUNTED ON 5 PIN CERAMIC BASE. 3C802 160 M 3C803 80 M 3C804 40 M 3C805 20 METERS PRICE: EACH COIL \$1.00

MEISSNER COIL KIT FOR SIGNAL SHIFTERS PLUG-IN TYPE 3 COIL OSC. PLATE, OSC. GRID & BUFFER, 5 & 6 PRO NG BASE. 3C2500-51 2040-2410 3C2500-52 2395-2835 3C2501-17 7000-7300 3C368 -14 1000-1170 PRICE: KIT (3) COILS \$1.

COMMAND SET COILS 10790 85 KC IF \$2.00 7277 2830 " IF 1.50

OSCILLATOR COILS 5855 1415 KC \$1.00 5856 2830 KC 1.00 5853 239 KC 2.00

465 KC I.F. COILS AS USED IN MARK II No. 19 RADIO SET. SLUG TUNED IRON CORE, 1 2 3RD I.F. #PC77366-7 \$3.75 EACH

30 MC IF SLUG TUNED IRON CORE 2 1/2 x 2 1/2 #229643.8 50¢ EA

ARGUS AUTOMATIC TIMER No. 586 12 STOPS, 5-60 SECONDS, AUTOMATIC HOLD OR. REJECT ON ANY PRE-SELECTED STOP. MADE FOR SLIDE PROJECTORS CAN BE ADAPTED TO OTHER USES. 2 1/2 x 3 x 2 1/2; 2 LB \$2.95

MASTER OSCILLATOR TUNING CAPACITOR FOR COMMAND TRANS. SINGLE ENDED SHAFT AND WORM GEAR DRIVE 32 PLATES STK# 2C6397A/C6 PT#C-63/5032 4x2 1/2 x 2 1/2 \$1.50

BC-221 FREQUENCY METER OSCILLATOR TUNING CAPACITOR 11.5-160 F. PYREX GLASS INSULATORS. DRIVEN THROUGH 360 BY WORM GEAR. WITH DIAL. 3x3 1/2 x 5 1/2 LBS. \$4.95

T-67/ARC-3 C129 POWER AMPLIFIER PLATE TUNING 4-17 MMF, 2500 V. .0243 AIR GAP. SHAFT 13/16 x 3.1; 17/8 x 2 1/2 \$1.50

BC-624/522 RECEIV ER, 3 GANG 6-36 MMF EACH SECTION WITH SLUG TUNED TRIM. SHAFTS 5/16 STK#3D9036V SIZE 4 1/2 x 2 1/2 x 3 1/2; 1 LB. \$1.50

351-1013 3.5 TO 27 MMF, 13 PLAT 1 SIZE 1-5/8 x 1-5/8 XI-5/16, SHAFT 1 1/2 x 3/16. \$3.75

CENTRIFUGAL BLOWER 120 CFM FROM 3400 R.P.M. 115V 60 CYC. CAPACITOR TYPE MOTOR WHICH REQUIRES 4MFD CAP. WT. 9 LBS. SIZE: 9 1/2 x 5 1/2 x 6 1/2 USED \$7.95

BUTTERFLY TYPE AS USED IN APR TYPE TUNERS. C-904 106-330 MC 1/2" DIA. 3" DEEP W/ACORN SOCKET F/955 TUBE. \$3.95

C-701 BUTTERFLY CAPACITOR 135-485 MC 4 1/2 x 2 1/2" \$3.95

C-706 BUTTERFLY CAPACITOR 300-1000 MC 2x2 1/2" \$2.95

1-3621 BUTTERFLY CAPACITOR 300-1000 MC 2x2 1/2" \$2.95

VARIABLE CAPACITOR 5 SECTION 20-402MMF EA. SEC. 7 1/2 x 3 x 3; 2 LB RE-EQUIP. #3DK9402-3 \$3.95

BC-924 TRANSMITTER COIL SLUG TUNED COIL 27 TO 38 MC. WITH ADJUSTING DIAL & TUNING SCALE MOUNTED ON CAST BASE. SIZE 8 1/2 x 1 1/2 x 1 1/2. PRICE: 1.00

TCS VARIABLE CAPACITOR 2 SECTIONS 10-280 MMF 1 SECTION 10-360 MMF, 4" 3 BAND DIAL CALIBRATED 1.5-3 MC 3-6 MC & 6-12 MC. WITH GEAR ASSY & LOCK. SIZE 7 1/2 x 3 1/2 x 3 1/2; WT: 5 LBS. #W-881 PRICE: NEW \$3.95

TRANSMITTER VARIABLE CAP. 42-420 MFD. 2000 VDC, 40 PLATES 1/16" SPACING. SIZE: 6x2 1/2 x 4 1/2; 2 LB. #PC7765659-PI PRICE: \$5.95

20 TO 156 MMF 31 PLATES; SIZE 4 1/2 x 2 1/2 x 3/8 SHAFT 1/8" GE#T7660443-6 PRICE: \$1.95

22 TO 118 MMF 31 PLATES SIZE: 4 1/2 x 2 1/2 x 3/8 SHAFT 1/8" GE#T7463006-1 PRICE: \$1.95

COMMAND RECEIVER VARIABLE 6 TO 9.1 MC. 3 GANG W/TRIM MERS & GEAR ASSY. APPROX. 62 MMF #6558, 4x3x3, WT: 2 LB. 3D9062 \$1.95

50 MMFD VARIABLE 7 PLATE 1/2" SHAFT, MTG. BRK #351-1037 \$3.79

PA TUNING CAPACITOR COMMAND TRANSMITTERS WITH GEAR TRAIN & DOUBLE END SHFT SIZE 4 1/2 x 3. STK#2C6397A/C8 PT#C-65/7321 PRICE: \$1.50

VARIABLE CAPACITOR 7 SECTIONS 1/80, 4 100 & 2/200, DRUM DIAL. 1 1/2 x 1 1/2 x 3; 5 LBS. #CA-325/BC-223 \$2.95

BC-624 R.F. TUNER ASSY. AM WITH VARIABLE CONDENSERS, COILS, SOCKETS OSCILLATOR SECTION COUPLINGS ETC. FREQ. 100 TO 156 MC. SIZE: 5x5x5; WT: 8 LBS. #2ZK11150 USED \$3.95

MINIMUM ORDER \$3.00

SYNCHRO SELSYNS



GENERATOR (ANGLE TRANSMISSION) ROTOR 2 PHASE 24 VOLT, STATOR 2 PHASE 20.6 VOLT 400 CYCLE. PART#BGC-15-DS-10; SIZE 1 1/2 x 2 1/4 (CLIFTON) \$2.95
 GENERATOR INDUCTION, 24 VOLT 400 CYCLE EASTERN AIR DEVICES#J2GM07-40 \$2.95
 TRANSMISSION GENERATOR MFG. ARMA, TYPE 400X1, DWG#93054 \$2.95
 AUTOSYN RESOLVERS
 AY221S-3-B 400 CYCLE, ROTOR 2 PHASE 26 VOLT, STATOR 2 PHASE .11.8 V. BENDIX 1.95
 AY-123D BENDIX SAME SPECS AS ABOVE 1.95
 SERVO CONTROL MOTOR MFG. BY OSTER, 115 V. 400 CYCLE NO LOAD SPEED 5000 RPM. TORQUE 1.45 OZ. IN. \$2.95
 RESOLVER MFG. BY CLIFTON PART#BSC-15DS ROTOR 2 PHASE 0.5-16 VOLT, STATOR 0.5-16 VOLT 400 CYCLE. \$2.95
 RESOLVER TRANSMISSION GENERATOR, JOHN OSTER TYPE 15-4042-06, DWG.#C45 \$2.95
 RESOLVER MFG. BY ARMA, TYPE 03X1-400 DWG.#93001. \$2.95
 RESOLVER MFG. BY OSTER TYPE 15-4042-04 \$2.95
 AUTOSYN DIFFERENTIAL
 AY-165-A3 400 CYC, 3 PHASE 11.8-3 PHASE 1-1 RATIO. BENDIX 1.95
 AY-232S-3B BENDIX SAME SPEC. AS ABOVE 1.95
 AY-231S-3B " " " " 1.95

2J1H1 SELSYN DIFFERENTIAL GENERATOR NORMALLY OPERATES FROM 57.5/57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 36 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM ON PAGE 31. SIZE: 2 1/2 x 4 1/2; WT: 8 OZ. PRICE WITH CONNECTOR CAPS..... \$3.95

1-196 SIGNAL GENERATOR 160 TO 220 MC USED TO CHECK LF & HF BANDS OF IFF SETS. DRY BATTERY OPERATION USES ONE 957 ACORN TUBE VARIABLE FREQ. & TONE CONTROL, PILOT LIGHT, ON/OFF SW. ETC. HOUSED IN WOOD CASE WITH CANVAS COVER. SIZE: 8 1/2 x 8 1/2 x 14; WT: 10 LBS. REQUIRES 1.5 & 135 VDC. NEW \$2.95

READOUT BOARD

READOUT BOARD, USES 30 110 VOLT NEON BULBS WITH 3/16" DISPLAY EACH ONE NUMBERED. SLIDE TYPE CONNECTORS & 30 RESISTORS MOUNTED ON BOARD 5 X 11 INCHES. WT: 1 LB. PRICE: \$1.95 EA. 3 FOR \$5.00

10-169/APN-12 RADAR OSCILLOSCOPE USED WITH VARIOUS TYPES OF RADAR IDENTIFICATION SETS FOR INDICATING INCOMING SIGNALS. (CAN BE CONVERTED TO MONITORING OR TEST USE) HAS VERTICAL, HORIZONTAL, FOCUS, SWEEP & INTENSITY CONTROL ANTENNA SWITCHING MOTOR OPERATES FROM 24 VDC AND REQUIRES UG-88 CONNECTORS. WITH TUBES 5/12AU7, 3/5726, 1/6AS6, 1/6AG5, 1/6X4 & 1/5SP7 & 2/3B29 ALL \$3.95
 3J1. OPERATES FROM 115 VOLT 400 CYCLE (NOT 60 CYCLE) SIZE: 9x9x16; WT: 30 LBS. USED \$9.95

PPI RANGE INDICATOR FOR T-9 TRACKER RADAR SET AN/GPG-1. OPERATES FROM 115 VOLT 60 CYCLE WITH TUBES: 13/6J6, 2/12AH7, 1/6AG5, 1/6AR6, 1/6AG7, 2/6C4, 1/12AU7, 1/30P1, 1/5SP7 & 2/3B29 ALL \$24.50
 FOCUSING CONTROLS ON FRONT PANEL, CHASSIS ONLY, NO COVER. SIZE: 13x11x24; WT: 80 LBS. PRICE: REMOVED FROM EQUIPMENT \$24.50

RADAR FREQUENCY AMP.

R-9 RADAR FREQUENCY AMP. USED TO INCREASE OUTPUT OF TEST EQUIPMENT IN 2750-2950 MC RANGE. POWER APPROX. 6 WATTS FROM 2C40 TUBE. CONTROLS FOR POWER AND FREQUENCY. COMPLETE WITH TUBES 2C40; 6AN5; 5687; 12AT7; 2X2; 2/0A2; 0B2; 2/5Y3; 5PQ6; SIZE: 10 1/2 x 17 x 20. WT. 43 LBS. PRICE: \$19.95



TS-452 SIGNAL GENERATOR 5-100mc BY THE USE OF PLUG IN COILS, PROVIDES A CONSTANT SINE-WAVE RADIO FREQ. VOLTAGE 60-100 TIMES PER SECOND. THE TRAVELING DETECTOR PICKS UP THE SIGNAL TO BE TESTED WHICH IS AMPLIFIED AND APPLIED TO THE PLATES OF THE CR TUBE. THE MOST FREQUENTLY USED CONTROLS FOR THE SIGNAL GENERATOR INCLUDING THE OSCILLATOR, WAVEMETER, VERTICLE AMPLIFIER AND NINE STEP ATTENUATOR ARE ON THE FRONT PANEL, ADDITIONAL CONTROLS ARE PROVIDED THROUGH THE DOOR ON THE TOP OF THE CASE. SIZE: 19x9 1/2 x 16; WT: 60 LBS. USED \$100.00 PRICE: USED CHECKED..... 125.00

P OR R ELEVATION COMPUTER ASSY; CONSISTS OF TWO SYNCHRO RESOLVER, KETAY#0-13810-1 0-100V 350 CPS, #D-13350-1 0-10 v. 400 cps, KOLL-SMAN INDUCTION MOTOR#1515J-0430, WE MAGNETIC AMP. GA-52140, FOUR TUBES IN SEALED CIRCUITRY, & B CONTROLS, TEST JACKS ETC. STK.# 15264 SIZE: 11x7x6; WT: 12 LBS. PRICE: USED \$6.95

GE SELSYN GENERATOR No.2J1F1 115/57.5 v. 400 cyc. \$3.95

GE TANDEM SELSYN CONTROL TRANSFORMER No.2JB15K1, 57.5-57.5 VOLTS 400 CYC. RATIO 31-1 \$2.95

SELSYN SYNCHRO TRANSFORMER#783B6 TYPE XY, 115V 60 CYCLE, SIZE 5 1/2 x 3 1/2 SHAFT 1 1/2; 5 LBS. UNUSED \$5.95

RECEIVER TORQUE SYNCHRO 23TR4 115/90 VAC 400 CYCLE, TWO UNITS MOUNTED ON FRAME WITH NUMBERED DIALS 0-100 & 0-1000, SYNCHRO SIZE 4x2x2 PRICE USED \$15.00

23TR4 RECEIVER 115/90 V. 400 CYC. USED \$7.95
 23TX4 TRANSMIT 115 V. 400 " " 7.95
 23CT4 CON. TRANS. 115 V. 400 " " 7.95
 23RS4A RESOLVER 90/90 V. 400 " " 7.95

23CX6 TRANSMIT 115/90 V. 60 CYC. NEW 10.00
 23CX6 " " " " USED 7.00
 23CT6 TRANSFOR 90/1V PER DEG 60CY " 7.00
 23TR6 RECEIVER 115 V. 60 CYC. " 15.00

DAYSTROM TRANSICOIL CONTROL MOTOR 115 VOLT 60 CYCLE, 1 PHASE, 2 PHASE 200 VOLT CT., 3200 RPM. SIZE 2 1/2 x 2, SHAFT SIZE 1/16 x 1/2 WITH GEAR. (REMOVED FROM NEW EQUIP.) PRICE: \$5.00

SYNCHROSCOPE

OS-29/UPM-4A PRECISION SYNCHROSCOPE EMPLOYING A THREE INCH CATHODE RAY TUBE. THE SWEEP OF THE CATHODE RAY TUBE CAN BE TRIGGERED EXTERNALLY OR INTERNALLY AND CAN BE DELAYED WITH EITHER TRIGGER. THE SWEEP DURATION AND, WHEN INTERNALLY TRIGGERED, THE SWEEP FREQUENCY CAN BE CONTROLLED. THE INPUT SENSITIVITY OF THE VIDEO AMPLIFIER CAN BE VARIED IN SIX STEPS FROM 0.2 TO 20 VOLTS PER INCH OF VERTICAL DEFLECTION. THE UNIT CONTAINS HIGH VOLTAGE POWER SUPPLY, BUT REQUIRES THE FOLLOWING VOLTAGES FOR OPERATION 300v, -27v, 425v, 105v. NORMALLY SUPPLIED BY POWER SUPPLY PP-802/UPM-4A, NOT AVAILABLE. SIZE: 22x19x10. WT. 50 LBS. OS-29/UPM-4A ONLY. RENEW. \$39.50

BC-966 RECEIVER-TRANSMITTER 160 TO 211 MC. CODED SIGNAL FOR IFF FRIEND OR FOE IDENTIFICATION IN AIRCRAFT. WITH 13 TUBES 3/6H6, 3/7193, 7/6SH7, RELAYS, VOLTAGE REGULATOR, RESISTORS, CONDENSERS ETC. LESS DYNAMOTOR. SIZE: 12x13x9; WT: 43 LBS. USED \$4.95

TUNER ASSEMBLY for 2 to 6 MC. Part of BC-728 RECEIVER, which it consists of four channel push button assy. with RF, ANT, & OSC. coils all slug tuned. Also cond. resistors etc. Size 4 x 4 x 3 1/2 Stock#2C4728/T4. Price \$1.00

SYNCHRO GENERATOR SPERRY PT#R5663642 MFG. BY BENDIX FOR IBM. SIMILAR TO BENDIX OPERATES FROM 26 VOLTS 400 CYCLE SINGLE PHASE WHEN USED IN CONJUNCTION WITH BENDIX #AY-201 SYNCHRO CONTROL TRANSFORMERS IT WILL OPERATE UP TO 20 UNITS. WILL ALSO OPERATE FROM 6 VOLT 60 CY. WITH A SLIGHT LOSS. SIZE: 2 1/2 x 2 1/2; SHAFT 1/16 x 1/2; WT: 12 OZ. PRICE: NEW \$2.95 2 FOR \$5.00

AY-201 SYNCHRO CONTROL TRANSFORMER MFG. BY BENDIX, KETAY, CLIFTON ETC ROTOR 1 PHASE 26 V 400 CYC. STATOR 3 PHASE 11.8 v. SIZE: 1 1/2 x 1 1/2; SHAFT 1/16; WT: 3 OZ. PRICE: RE-MOVED FROM EQUIP. \$1.95 EA.

KEARFOOT R-200 SYNCHRO CONTROL TRANSFORMER. ROTOR 26 VOLT 1 PHASE 400 CYCLE, STATOR 11.8 VOLT 3 PHASE. SIZE: 1 1/2 x 3/4, SHAFT 1/16 x 1/2; WT: 3 OZ. CONDITION REMOVED FROM EQUIPMENT. PRICE: \$2.95 EACH
 KEARFOOT SYNCHRO RESOLVER R-235, ROTOR 2 PHASE 26 VOLTS, STATOR 2 PHASE 11.8 VOLTS 400 CYCLE. SIZE: 1 1/2 x 3/4; SHAFT 1/16 x 1/2; 3OZ. REMOVED FROM EQUIPMENT. PRICE: \$2.95

SELSYN CONTROL TRANSFORMER #2J1G1, 57.5-57.5 V 400 CYCLE (WILL OPERATE FROM 36 V 60 CY SEE WIRING DIAGRAM NEXT PAGE) SIZE: 2 1/2 x 4 1/2; WT: 1 LBS. USED PRICE WITH CAPS \$3.95

INDICATOR

ML-117 INDICATOR, WIND DIRECTION AND SPEED. UNLIMITED WIND SPEED RANGE INDICATED BY ONE LIGHT, 0-360 DEG. WIND DIRECTION RANGE INDICATED BY 8 LIGHTS, FLASHING LIGHTS OR BUZZER INDICATORS, INTERRUPTED CURRENT ACTUATED, 110 V 60CY OR 6.8 VDC. (THIS IS ONLY THE INDICATOR, REQUIRES OTHER PARTS FOR OPERATION) FREIZ ITEM #18-1475. SIZE: 9 1/2 x 4; WT: 24 LBS. PRICE: RE-NEW \$12.95

GENERAL ELECTRIC SELSYN CONTROL TRANSFORMER MODEL NO. 2J15N1 57.5-57.5 VOLTS 400 CYCLE. SIZE: 2x2x2; 1 LB. NEW \$4.95

MD-58/APS-3 MODULATOR FOR SUPPLYING POWER TO RT-10/APS-3 TRANSMITTER CONVERTER IN PULSED FORM TWO MICROSECOND 350 CYC. ONE MICRO-SEC. 700 CYC. WHICH IS RECEIVED FROM THE RECEIVER-AMPLIFIER OPERATES FROM 115 V. 400 CYCLE. W/TUBES 3/3B24, 1/3B26, 1/8298 & 1/715. SIZE: 17 1/2 x 15 1/2 x 17; WT: 95 LB. USED \$50.
 R-18/APS-3 RECEIVER-AMPLIFIER USED \$39.50
 PP-12/APS-3 RECTIFIER " 29.50
 C-20/APS-3 AZIMUTH CALIBRATOR " 5.95
 MX-10/APS-3 DUMMY INDICATOR " 3.95

MD-16/TPS-3 MODULATOR, RADAR TYPE P-3E EMISSION, RESONANT CHARGING SYSTEM THRU TYPE E LINE THAT IS DISCHARGED THROUGH SPARK GAP & PULSE TRANSFORMER, 500 OHM INPUT, 8 KV OUTPUT, 200 PULSES PER SEC., 1.2 SEC. DURATION. WITH TUBES 2/705 & 1/1B32-532. OPERATING VOLTAGE 115 V. 400 CYC. SIZE: 12 1/2 x 14 1/2 x 11; 125 LB. PRICE: RE-NEW \$16.95

1-82A 5" INDICATOR
 1-81A 3" INDICATOR
 1-82A INDICATOR 5" ILLUSTRATED TO LEFT ABOVE 0-360 DEGREE SCALE CONTAINS A MATCHING AUTOSYN MOTOR TO BE USED WITH THE LP-21LM LOOP. OPERATES FROM 26 V 400 CYC. (60CYC SEE BELOW)
 1-81A INDICATOR 3" ILLUSTRATED TO RIGHT ABOVE 0-36 DEGREE SCALE CONTAINS A MATCHING AUTOSYN THAT WAS USED WITH THE LP-21LM LOOP. OPERATES FROM 26V 400 CYC. (60 CYC. SEE BELOW)
 1-82A INDICATOR 5" USED \$3.95 RENEW \$4.95
 1-81A INDICATOR 3" USED \$3.95 RENEW \$4.95
 PL-118 CONNECTOR PLUG FOR INDICATORS 2,50EA

STARK VTVM TA-1

STARK VACUUM TUBE VOLTMETER MODEL TA-1 MEASURES THE FOLLOWING QUANTITIES. AC AND DC VOLTAGES (PLUS AND MINUS) 3, 12, 30, 120, 300, 1200VOLTS; CURRENT RANGES 3, 12, 30, 120, 300 1200 MA. RESISTANCE RANGES Rx1 Rx10, Rx100, Rx1K, Rx10K, Rx100K Rx1M. CAPACITANCE Cx10uF x10 x100uF, x10uF, x1uF. C=100uF C=10uF. 115v 60cyc 7x9x12 18 LBS w/ACAND DC PROBES.



Used \$50.00

STARK MULTIMETER

STARK MODEL KM MULTIMETER 20,000 /V DC. 1000 /V AC. AC & DC VOL AGE RANGES; 2.5, 10, 50, 250, 1000V CURRENT RANGES; 100UA, 1MA, 10MA, 100MA, 500MA, 1AMP, 10AMP. 500MV RESISTANCE; R-10, R, Rx10, Rx1000 DB SCALE; -18 TO 30DB. SWITCH FOR AC, DC, AND DC REVERSE. ZERO SET. 3x4 IN. METER SH. WT. 12 LBS. USED: \$19.95



SIGNAL GENERATOR

STARK MODEL 10-A RF SIGNAL GENERATOR. OUTPUT IS AUDIO, PURE RF, OR MODULATED RF OVER A RANGE OF AUDIO OR 95KC TO 144 MC. POWER REQUIRED 115V 25-60 CYCLES. SIZE 15x12x6 3/4 30 LBS. Used \$50.00



CRITERION E6300 VTVM MFG. BY CANADIAN RESEARCH INSTITUTE. RANGES. ACV; 0-3, 12, 30, 120, 300, AND 1200 V. DCV; 0-3, 12, 30, 120, 300, 1200VDC MA; 0-3, 12, 30, 120, 300, 1200MA OHM; Rx1, Rx10, Rx100, Rx1K, Rx10K, Rx1MEG. CAPACITANCE SCALES: Cx100uF, Cx10uF, Cx0.1uF, Cx0.01uF, Cx0.001uF, Cx100uF. METER 4x4x1/2 IN. SIZE: 8x8x13. WT. 18 LBS. 115VOLTS 60 CYC. \$ 85.00



AUDIO GENERATOR

MEASUREMENT ENGINEERING AUDIO GENERATOR AG-3 FREQUENCY RANGE 35 TO 350 350-3500. 3500-35000 CPS 3 RANGES OUTPUT CONTROL VARIES AMPLITUDE OF SIGNAL. COMPLETE WITH TUBES; 6SJ7, 6K6, 6V6, 6SF5, 5U4 SIZE: 18x14x8 FOR 115V 60CYC. SH. WT. 49LBS. Used \$50.00



CALORIMETER

CALORIMETER D-7604681G1 PORTABLE UNIT DESIGNED TO MEASURE THE RF POWER OF X BAND RADAR. TWO SYSTEMS ARE EMPLOYED, CLOSED CYCLE FLUID FLOW AND ELECTRICAL THE FLUID FLOW IS CIRCULATED BY AN INTERNAL PUMP WHERE THE RF IS CONVERTED TO HEAT ENERGY, THE OUTPUT IS THEN INDICATED ON THE 4" WATT METER. THE RANGE SELECTOR IS FOR LOW RF 0-100 & HIGH RF 100-400 WATTS. OPERATING VOLTAGE 115 V. 50 - 420 CYCLE. SIZE: 20x15x13; WT: 75 LB. USED (FULL SPECIFICATIONS SENT UN REQUEST) \$75.00



TELEPHONE

AN/FTC-14 TERMINAL TELEPHONE XMTG TWO (2) CHANNEL 2 WAY VOICE TYPE ORDER WIRE CHANNEL 300-1700 CYCLE FREQ. RANGE, SERVICE CHANNEL 2250-5000 CYCLE FREQ. RANGE. CONSISTS OF MAGNELOOP RECORDER #531, AUDIO AMPLIFIER PANEL, LINA AMP. & EQUALIZER VOLUME INDICATOR PANEL, AMP, SPEAKER HANDSET & HOLDER, POWER SUPPLY, PATCHING JACKS, AMP. & FILTER UNIT ETC. OPERATES FROM 115 V 50/60 CYCLE. CABINET SIZE 84"x22 1/2"x17; TAKES STD. 19" PANEL, FULL DOOR ON BACK, 38" DOOR ON FRONT. SHPG. WT: 250 LBS. PRICE: COMPLETE UNIT AS DESCRIBED \$175.00



CABINET RACKS



CABINET RACK WITH 220 VAC 60 CYCLE EXHAUST FAN, 75 1/2" H x 22" D x 21 1/2" W FOR 19" PANEL MOUNTING. WT: 150 LB #DTB PRICE: USED \$ 29.50

CABINET RACK WITH 115 VOLT 60 CYCLE BLOWER, 75" H x 24" D x 22 1/2" W FOR 19" PANEL MOUNTING. WT: 150 LBS #FGC-29 PRICE: USED W/ BLOWER \$35 " " LESS " \$30

DELUXE CABINET RACK, EIGHT (8) DRAWERS 7" HIGH, ONE (1) DRAWER 11-1/2" WITH FULL GLIDE SUSPENSION, DRAWER AND GLIDES CAN BE REMOVED FOR STRAIGHT PANEL MOUNTING, RECESSED PANEL MTG. AND ROUNDED FRONT FOR 19" PANEL MTGS. SIZE: 73" H x 27" W x 24" D. WT: 150 LBS. PRICES: WITH 2 / 115 V. DUAL BLOWERS \$52. " " " " " \$46. " " " " " \$40.



TRANSIT CASE 12x11x12 BOTTOM REMOVABLE COVER 12x4x2 12, NO HINGES, 4 TWIST TYPE HASPS, ALUMINUM. GE#P-22, WT: 10 LB. \$5.



METAL EQUIPMENT CABINET SIZE 10 1/2" H x 15 DP x 21 LG. TAKES 19x8 1/2" PANEL. SHPG. WT: 28 LB PRICE: USED BLACK \$3.95 " " GREY 4.95

OS-8 EMPTY SCOPE CABINET FOR 3" TUBE. SIZE 12 x 5 1/2 x 8 1/2. 2LB. W/COV. 50¢

STEEL CABINET 20 1/2 x 8 x 9, OPENS AT THE TOP. FRONT PANEL CUT OUT 11x4 ALSO 7/16 HOLE IN FRONT. SIDES LOUVURED, ROUNDED FRONT & TOP. SHPG. WT: 15 LBS. #CEEC \$2.95

GRAB BOX

ASSORTMENT OF NEW & USEABLE ELECTRONIC PARTS & ASSEMBLIES SUCH AS MOTORS, TRANSFORMERS, CHOKES, CONDENSERS, RESISTORS, RECTIFIERS, COVERS, CASES ETC.



ASSORTMENT # 1 IS IN A MINE DETECTOR CARRYING CASE WITH HINGED COVER, CARRYING HANDLE, HASP ETC. SIZE 28 1/2 x 8 1/2 x 15, CHEST WEIGHT 35 LBS. TOTAL WEIGHT 75 LBS. PRICE: \$7.50

ASSORTMENT #2 IS IN A PLWOOD BOX SIZE 24x16x19 1/2, TOTAL WEIGHT 100 LBS. BOX ONLY 15 LBS. PRICE: \$10.00



GRAB-BOX ASSORTMENT #3 35 LBS IN FIBER BOARD COVERED PLYWOOD CASE WITH HINGED COVER, STEEL REINFORCED CORNERS, LEATHER CARRYING HANDLE & LATCH FASTNERS. WILL MAKE A GOOD PORTABLE TOOL BDX OR TEST EQUIP. CASE. SIZE: 19x14x7. SHPG. WEIGHT CASE & ASSORTMENT 35 LBS. \$3.50

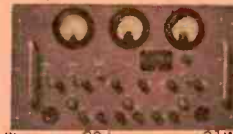
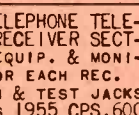


SB-506/GPA-37 PANEL, TEST, ELECTRICAL. WITH TRANSFORMERS 105, 110, 120, 125 VOLT 60 CYCLE PRIMARIES, ONE 6.6 V 10 AMP. SEC & ONE 6.6 V. 2.3 AMP. SEC., 13 LAMP INDICATING FUSE HOLDERS, 6 STANDARD FUSE HOLDERS, 3 DIFFERENT COLOR PILOT LIGHTS 7/8", 34 LARGE PIN JACKS, 10 SMALL PIN JACKS, ONE SPST SWITCH & ONE DPDT SWITCH, 2 VOLUME CONT. 2 DOUBLE AC OUTLETS AND ONE 13 CONTACT CONNECTOR PLUS OTHER CONNECTORS & SOCKETS. SIZE: 22x8x7 1/2; WT: 35 LBS. PRICE: RE-NEW \$9.95



RT-35/AM RADIOSONDE TRANSMITTER - RECEIVER 675 TO 725 MC, USED FOR WEATHER AND RADAR OBSERVATION WITH 4/1L4 & 1/2C35 TUBES. VOLTAGE REQ. 90 VDC & 1 1/2VDC SIZE: 3 1/2 x 4 1/2 x 10; WT: 5 LBS. PRICE: NEW \$3.95

AN/FGC-29 TELEPHONE TELEGRAPH DUAL RECEIVER SECTION. LINE, EQUIP. & MONITOR JACKS FOR EACH REC. METER SWITCH & TEST JACKS, REC. FILTERS 1955 CPS, 600 & 100,000 OHM. OPERATING VOLTAGE 115/230 V 50/60 CYCLE. WITH TUBES 2/2D21, 4/5814 & 6/5751. ALSO 4/1N-45 DIODES. RACK PANEL MTG. 19x7x18; WT: 50LB. U \$22.50



PP-484/FGC-5 VOLTAGE REGULATED POWER SUPPLY OPERATES FROM 115/230 VOLT 50/60 CYCLE 1 PH. OUTPUT -115 VDC 100 MA 225 VDC 550 MA. 4/6.3 VAC 12 AMP. -6.3 V BTA WESTON 301 METERS 3 1/2" 0-10 VAC; 0-200 VDC & 0-500 VDC W/TUBES 2/3B28, 2/2050, 2/12AU7, 6Y6 & 5U4 ALSO 2 AC OUTLETS ON FRONT PANEL. SIZE: 19x11 1/2 x 20; WT: 150 LBS. \$39.95

CV-81/FGC-5 TELEGRAPH CODE CONVERTER TRANS. CIRCUITS FOR ACCEPTING & DETECTING START-STOP SIGNALS FROM 1 CIRCUIT STORING THE FIVE ELEMENT CODE COMBINATIONS AND TRANSFERRING THE STORED SIGNALS TO POSITIONS ARE USED BY THE TRANS. SIG. DIST. IN THE MULTI. CIR. WESTON 3 1/2" METER 301 DC MA 100-0-100, 30 TUBES, 19/5663, 5/12A7, 5/12AU7 & 1/3B23. VOLTAGE REQ. 6.3 VDC -115 VDC & 225 VDC. SIZE 19x7x13; WT: 23 LBS. \$16.95



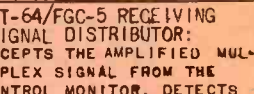
0-100/FGC-5 SIGNAL DISTRIBUTION DRIVE RECEIVING SUPPLIES DRIVING PULSES TO SIGNAL DISTRIBUTOR RECEIVING SECTION WHICH ARE CRYSTAL CONTROLLED FREQ. OF APPROX. 101.25 KC. W/ START-STOP INTERVAL, FOUR CHANNEL SELECTOR & 3 1/2" CORRECTION METER 5-0-5 0-1MA MOVE. W/TUBES 12/12SN7 & 2/6SJ7 USED \$14.95



CV-94/FGC-5 TELGRAPH CODE CONVERTER, RECEIVING GRP. ACCEPTS THE SIGNAL CODE COMBINATION, MOMENTARILY STORES AND GENERATES THE PROPER SIGNAL TO BE SENT ON TO THE START-STOP CIRCUIT, INCLUDES 6 INPUT SIGNAL LAMPS, MONITOR SELECTOR, OUTPUT JACKS FOR MONITOR SCOPI TRIGGER & PRINTER, 3 1/2" METER 100-0-100 MADC W/TUBES 9/12AU7, 3/12A7 & 13/5663 & MERCURY RELAY. RACK MTG. 19x7x13; WT: 22 LB. USED \$16.95



TT-64/FGC-5 RECEIVING SIGNAL DISTRIBUTOR: ACCEPTS THE AMPLIFIED MULTIPLEX SIGNAL FROM THE CONTROL MONITOR, DETECTS THE PATTERN, INVERTS TO NORMAL AND SENDS PROPER CODE COMBINATION TO CONVERTERS. W/ TUBES 12/12AU7, 4/12A7, 10/5663, 2 PUSH SWITCH FOR IMPULSE & CHANNEL PHASING & MONITOR SELECTOR. RACK MTG. 19x7x13; 22 LBS. USED \$14.95



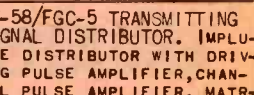
C-620/FGC-5 CONTROL MONITOR TRANS. GROUP AMPLIFIES SIGNALS FROM TRANS. SIG. DIST. COUPLES OUTPUT TO MULTIPLEX TRANS. CIR. NECESSARY CONTROLS, SWITCHES & LIGHTS TO DO THIS ALSO WESTON METERS 301, 3 1/2" 0-100 MA DC AND MULTIPLEX DRIVE FREQ. METER CALB. CYP PER. SEC. 60 & 75 WPM. 0-1 MA. DC. BASIC FS. W/ TUBES 5/6SN7, 2/6V6, VOLTAGE REQ. 6.3 VAC, -115 VDC & 225 VDC. W/SCHEMATIC. SIZE 19x7x13; WT: 23 LBS. \$18.00



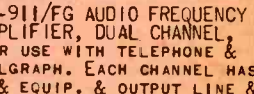
0-101/FGC-5 SIGNAL DISTRIBUTOR DRIVE TRANSMITTER GROUP SUPPLIES TIMED DRIVING IMPULSES TO THE TRANSMITTER DISTRIBUTOR, CRYSTAL OSCILLATOR 101.25 KC IN OVEN, AMPLIFIER CIRCUIT USES TUBES 6/6SN7, 1/6SJ7, 7 POSITION SW. FOR FREQ. & FAC. SEL. VOLT. REG. 6.3AC. -115 & 225VDC. 19x7x13; 15 LB. \$9.95



TT-58/FGC-5 TRANSMITTING SIGNAL DISTRIBUTOR. IMPLUSE DISTRIBUTOR WITH DRIVING PULSE AMPLIFIER, CHANNEL PULSE AMPLIFIER, MATRIX TUBE CIRCUIT, CHANNEL KEYING MIXER & OUTPUT SIG. AMPLIFIER WITH AUTO. STARTING CIRCUIT. WITH TUBES 19/12A7, 10/5663. SIZE: 19x7x14 1/2; WT: 18 LBS. PRICE USED \$16.95



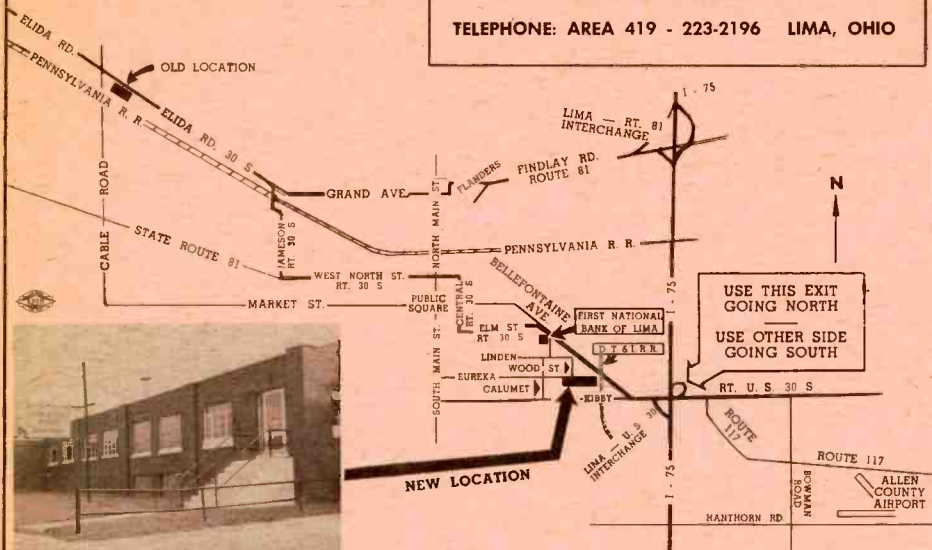
AM-911/FG AUDIO FREQUENCY AMPLIFIER, DUAL CHANNEL, FOR USE WITH TELEPHONE & TELGRAPH. EACH CHANNEL HAS JACKS FOR INPUT LINE & EQUIP. & OUTPUT LINE & EQUIP. SWITCH FOR LOADED & NON-LOADED CABLE & EQUAL. WITH LEVEL ADJUSTMENT & MONITORING CONTROL. OPERATING VOLTAGE 115/230 VOLT 50/60 CY WITH TUBES 2/2D21, 2/6AQ5 & 2/5751. RACK MTG. SIZE 19x7x17 1/2; WT: 60 LBS. USED \$24.95



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SPECIAL TUBES



- FLASHTUBE, TYPE T-9, 350-480 VOLTS OPERATING, 200 WATT SEC. OUTPUT, CLEAR LENS, 4 PIN BASE. \$3.95
- FLASHTUBE KIT, FT-106, 313 VDC MAX. VOLTAGE, 40 WATT SEC, 1.1 LUMENS, TINNED LEADS, SIZE 1 1/2 x 5/8 x 1/2. SIMILAR GE-106 TRIGGER COIL FOR TUBE & CAPACITOR, ALL THREE ITEMS \$2.95
- PHOTOTUBE, SIMILAR TO VISTRON R-71. W/LEADS SIZE 1 1/2 x 2 1/2 90 V. \$1.50
 SIMILAR TO VISTRON R-50 W/LEADS SIZE 5/8 x 1 1/2 90 V. \$1.00
 TYPE 923 4 PIN BASE 2.25
 # 930 OCTAL " 2.25
- GEIGER MULLER TUBE 1D85/2J1-20 \$5.95

IMAGE TUBE

INFRA-RED IMAGE CONVERTER TUBE PERMITS SEEING IN THE DARK WITH LITTLE OR NO VISIBLE LIGHT SHOWING. THIS IS ACCOMPLISHED BY MEANS OF INFRA-RED RAYS WHICH ARE DIRECTED AT THE OBJECT OR LOCATION TO BE VIEWED. WITH ASSOCIATED ACCESSORIES THIS TUBE CAN BE UTILIZED TO DO THIS AND OTHER MANY OTHER EXPERIEMENTS CAN BE PERFORMED IN OTHER AREAS. (DETAILS FOR SNOOPERSCOPE AVAILABLE WITH PURCHASE) SIZE: 1 1/2 x 1 1/2; WT: 4 OZ. PRICE: \$1.95 3 FOR \$5.00



DIGITAL DISPLAY

DIGITAL DISPLAY 0 TO 9 AND \$3-3/16" HIGH ON 3 1/2 x 4" SCREEN 6.3 VOLT LAMPS. DIGITS CAN BE CHANGED FOR OTHER USE OR ASSY CAN BE REWORKED AS A BASIS FOR A MOVING READOUT BOARD. #80851 SIZE: 3 1/2 x 5 1/2 x 1 1/2; 7 LBS. ILLUS. 3 DIS. EACH \$7.95



RECORDER PLAYBACK



D-5 DIRECTOR AND T-5 TRANSCRIBER DICTATING-RECORDING MACHINE FOR PLASTIC DISC 6" @ 33-1/3 RPM. THE D-5 DIRECTOR CUTS AND CAN PLAY BACK THE RECORD WHICH IS CONTROLLED BY THE MICROPHONE. UNIT HAS ADVANCE AND REPEAT CONTROL AND MODULATION LEVEL INDICATOR. THE RECORD HAS A CENTERING INDEX TO SHOW HOW MANY LINES HAVE BEEN TRANSCRIBED. THE T-5 TRANSCRIBER IS FOR PLAYBACK ONLY AND IS CONTROLLED BY A STOP AND GO FOOT SWITCH. THE OUTPUT IS FEED TO A HEADSET PHONE JACK. EQUIPMENT OPERATES FROM 115 VOLT 60 CYCLE AND IS UNUSED BUT MAY NEED SOME REPAIR AND ADJUSTMENT. DISCS ARE FOR HALF HOUR RECORDING SIZE: DIRECTOR 1 1/2 x 9 1/2 x 3; WT: 12 LBS. TRANS. 9 x 9 x 10 1/2; WT: 10 LB. PRICE: AS DESCRIBED DIRECTOR, TRANSCRIBER, MICROPHONE. SWITCH & 50 BLANK DISCS \$30.00
 Box of Fifty (50) BLANK DISCS \$3.00

READING PACER TIMER

READING PACER AND READING TIMER THE READING PACER WILL TEST YOUR READING SPEED AND WILL HELP YOU INCREASE THIS SPEED WITH ITS USE. CONSISTS OF A BATTERY OPERATED INSTRUMENT WITH A VARIABLE SPEED WHICH CAN BE SET FOR 250 TO 650 WORDS PER MINUTE, WHEN THE PACER BAR IS PLACED IN POSITION IT WILL MOVE IN ACCORDANCE WITH THE SPEED BETTING. THE READING TIMER IS A SPRING WOUND MECHANICAL TYPE WITH STOP & GO CONTROL AND CAN BE SET FOR A GIVEN TIME UP TO 5 SECONDS OR CAN BE USED FOR ELAPSED TIME. SIZE: 10 1/2 x 1 1/2 x 1 1/2; T-2 1/2 DIA. WT: 2LB. \$4.95



AZIMUTH INDICATOR

1D-260/GRD AZIMUTH INDICATOR CONTAINS THE PHASEMETER WHICH PROVIDES THE BEARING INDICATION, AS WELL AS A NEON LAMP, 2" C.R. TUBE & SPEAKER. THE NEON LAMP & CR TUBE SHOW WHETHER OR NOT A DF SIGNAL IS PRESENT IN THE SYSTEM. HAS 2BPI OSCILLOSCOPE SYSTEM WITH CONTROLS ON THE FRONT PANEL, 5" AZIMUTH PHASEMETER SELSYN TYPE INDICATOR & 3" SPEAKER. WITH TUBE 1/6AL5, 2/12AU7, 2/6AQ5, 1/12AX7, 2/6AU6, 1/2021, 2/5Y3 & 1/0A2. OPERATES FROM 115 V. 50/60 CYC RACK MTG. 19 x 10 1/2 x 12; WT: 50 LBS. USED \$49.50



TRANSCEIVER



AF/UTA-68 TRANSCEIVER AM 115 TO 152 MC ON ANY ONE OF TEN PRESET FREQUENCIES, CRYSTAL CONTROLLED. POWER OUTPUT APPROX. 5 WATTS. WITH TUBES TRANS. 6AG5, 2/6C4, 3/5763, MOD. 6AU6, 2/6C4, 6AK6, REC. 3/6BH6, 3/6C4. (NO CRYSTALS SUPP) 6BJ6, 6AH6, 6AG5 & 12AT7. & 26 VOLT DC DYNAMOTOR, OUTPUT 265 VDC AND -50 VDC. (FOR AC OPERATION FILAMENT ARE WIRE 6.3 & 12.6 V. SERIES PARALLEL.) SIZE: 9 x 8 x 16; WT: 25 LBS. PRICE USED \$24.95 SCHEMATIC \$1.00; PLUGS \$1.50 EA. ANT. PLUG 50¢

KLYSTRON TEST UNIT

KLYSTRON TEST SET, PHILCO #368-8310. DESIGNED TO PROVIDE THE NECESSARY VOLTAGES FOR POWERING ONE OR TWO REFLEX KLYSTRONS FOR TESTING & DEGASSING AND WAVEGUIDE TUNING. PROVIDES 2 REGULATED POWER SUPPLIES, ONE CONTINUOUS ADJUSTABLE FROM 200-750 VOLTS 0-200 MA. FOR USE AS A KLYSTRON, BEAM SUPPLY THE OTHER 0-500 V. FOR REFLECTOR SUPPLY. SINE WAVE MODULATION OF THE POWER LINE FREQ. & 6.3 V FOR HEATERS IS ALSO PROVIDED. SEPARATE CONTROLS FOR EACH TUBE UNDER TEST & METERS FOR MEASURING VOLTAGE & CURRENT. OPERATING POWER 105-129 V. 50/60 CYCLE 500 WATTS. NO BLOWERS OR TESTCORD SUPPLIED. SIZE: 14 x 21 x 15 1/2; WT: 100 LBS. USED...\$100.00



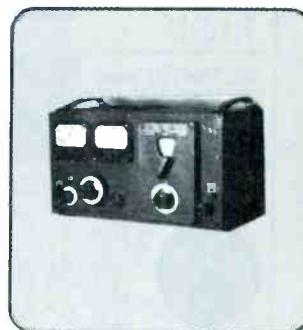
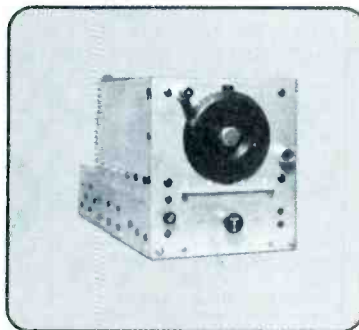
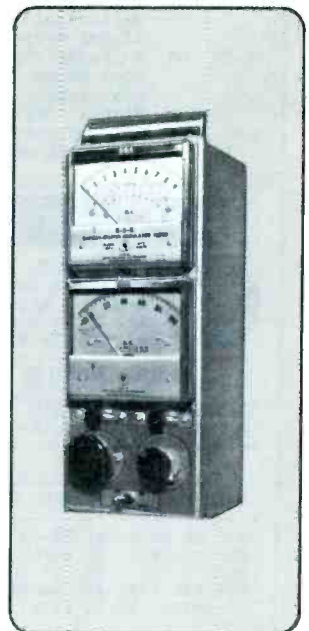
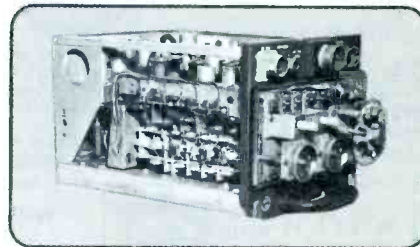
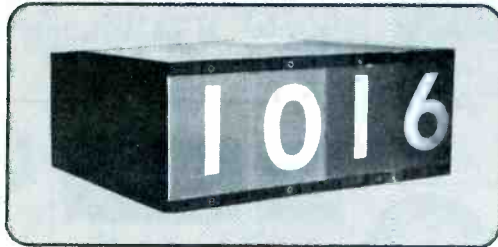


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VOLTMETERS

- 0-150 AC Round flush type for 2-1/8" hole, Bakelite case. Westinghouse type NA-33, 25 to 125 cycles. Signal Corps No. 3F8150-69 6.25
- 0-300 AC 3" round flush type, bakelite case, Simpson and General Electric Mfg. Signal Corps No. 3F8300-28 7.50
- 0-15 AC-DC Voltmeter 2 1/2" RD. USED No. IS-122 2.95
- 0-30 DC Round flush type, for 2 1/2" hole. General Electric Mfg. Model 85W53A1. Stock No. 2DA7 5.75
- 0-300 DC Round flush type, bakelite case, shielded, for 2 1/2" hole. Sun Mfg. Model 2AU346. Stock No. 159E-12 5.75

MILLIAMMETERS

- 50-0-50 DC 3" round flush type, bakelite case. Sangamo and Weston model 301. Signal Corps No. 3F3327 6.25
- 0-100 DC 3" round flush type, bakelite case. De-Jur model 310. Signal Corps No. 3F910-1 6.95
- 0-800 DC 3" round flush type, bakelite case, calib. for 1/8" steel panel. Signal Corps No. 3F980-2 6.95

R.F. METERS

- 0-10 AMPS 2-3/4" flange, for 2 1/2" hole, bakelite case. Weston model 507, Signal Corps No. 3F1010-24 5.95
- 0-1 AMPS 3" round flush type, bakelite case, Triplett model 0341-T or Weston model 425. Signal Corps No. 3F1001-31 6.25
- 0-100 MA For 2-1/8" hole, metal case. Calib. for 1/16" steel panel, with Thermo-couple. General Electric model AAN21, type DW-52. Signal Corps No. 3F912 5.50

AMMETERS

- 0-30 DC 3" round surface mounting. Roller-Smith type TDS. Signal Corps No. 3F1030-9 6.95
- 0-30 DC 2" round flush type, metal case. Hoyt Meter Co. No. H17-3, scale has marking for 12 volt and 6 volt. Signal Corps No. 3F1030-22 5.50
- 0-1.5 DC Milliamp. Tube checker scale. 2 1/2" flush mtg. P/O 1-56A W.No. 685-2 2.95

PHAASTRON CLEAR PLASTIC CASE 50 Micro AMP D.C. 0-5 SCALE, 3 1/2" #715-16-20 \$4.95	DC AMPERES 3 1/2" 0-300 SCL USE W/SHUNT 50 MV/200 A WESTON-M-643 ORD#173030 \$6.95	R.F. AMPERES 0-6 SCALE GE TYPE DW44 SC IS-182 2 1/2" RD. \$3.95	500 MICROAMPS. D.C. RES. 300 OHM DC. 1 1/2" SQ. 1-3/8" MTG. DEJUR MOD. 112 STK#3F3312-6.6 \$4.95

MINE DETECTOR METER AN/PRS3 ARBITRARY SC. 0-6, 1000 CY. 400-1000 UA FOR FULL SC. LUMINOUS, 2" #3F3312-20.2 \$4.95	DC VOLTS 2 1/2" 0-500 SCL BASIC FS 500V RUGGEDIZED ALUMINUM PANEL ASSY. BURLINGTON STK#3F8C10-33 \$3.95	MICROMHOS DYNAMIC MUTUAL CONDUCTANCE USED IN I-177 TUBE CHECKER BASIC 0-1.4 MA. HICKOK#M547A STK#3F1350 \$4.95	DC MILLIAMPER 2-3/4" 0-15 ALUMINUM PANEL USED IN I-177 TUBE CHECKER .35 OHM MA. VARIOUS MFG. STK#3F930-14 \$4.95

HOYT DC VOLTMETER 0-150 3 1/2" RD. #17L/5117-3855 \$3.95	GAR ELEC. F.S. = 100 UA SCALE 1-3/3-10 & MOD5-50 2 1/2" RUGGEDIZED GAR MODEL 260 \$4.95	WESTINGHOUSE DC MICROAMP. 0-500 2 1/2" RD NX-33 #46641-1 \$3.95	50 MICROAMP. 0-5 SCALE 1 1/2" SINGLE HOLE MOUNTING INTERNATIONAL #420-63-0251 \$4.95

BURLINGTON MODEL 311 HUG 900305 1 1/2", 0-5sc FS-50 UA #6625-519-2955 \$2.95	TUNING METER 2" TUNE FOR MAX. SCALE. 2 MA. RIGHT, 5 MA. LEFT. 5 OHM DC RES. USED IN RADIO COMPASS REC. #1-70 \$1.50	DC MICROAMPERE INDICATOR 0-200 SCALE TRIPLET 2 1/2" #MR25W100DCUA MODEL 221 T \$3.95	ANTENNA CURRENT INDICATOR 0-10 RF W/ THERMOCOUPLE WESTON 507 F/BC-442 USED \$1.25

RS#10A/2481 0-.5 RF AMP. SCALE, RES. 0-7 OHM. 2 1/2" SQ. W/ THERMO \$3.95	SIMPSON/TRIPOLETT MILLIAMPER D.C. 0-1 SCALE & MOVEMENT. 2 1/2" sq. #455-105 \$4.95	SUN MODEL #3XSPEC. 3 1/2" RD. SCALES 0-35 & 0-350 FS-1MA #3F8350 D.C Volts \$3.95	SIMPSON MODEL 55 3 1/2" RD. SCALE 0-150 VOLT 60 CYCLE PRICE: \$4.95

MARTON D.C. VOLTMETER 2 1/2" RD SEALED, 18-36 SCALE DIRECT #HS-2/414A NEW \$3.95	WESTON A.C. VOLTMETER 2 1/2" RD RUGGEDIZED, 0-300 SCALE DIR READ. #1526 3F8300-72 \$5.95	WEST. STYLE 1207007 3 1/2" RD SCALE 0-500 DC MILL FS-1MA USN#CAY22143/NX-35 \$3.95	WEST. STYLE 1207009 3 1/2" RD SCALE 0-400 DC VOLTS FS-1M USN#CAY22143/NX-35 \$3.95

GE MILLIAMPERES A.C. 2 1/2" RD FS-1.5 MA No. DW-46/60953 0-250 SCALE USED \$3.95 0-500 " " 3.95 0-750 " " 3.95	BRENKERT D.C. AMPERES 0-80 3" SQ. BROWN \$3.95	GE MODEL 45A2 3 1/2" SQ 0-1 DC MILLIAMPER. SCALE 0-1 MOVE. TYPE D071 \$4.95

WESTON MODEL 643 3 1/2" FACE, 4 1/2" MTG 2" DEEP, 2 1/2" TERM #175606 0-50 VOLTS D.C \$12.95 No. 16184 D.C. AMPERES SCALE 30-0-100 REQ. 50 MV SHUNT \$12.95	WESTON MODEL 506 2 1/2" RD. 0-1 AC AMPS. \$3.95 0-20/0-100 DCMA 3.95 0-300 VDC 3.95 0-5 DCKV FS-1 MA. 3.95	STARK MODEL 47M 3" SQ. 0-150 VOLT 50/60 CYC \$3.95

MODEL 301 A.C. VOLTS 3 1/2" RD 0-25 0-50 0-75 0-80 0-150 EACH METER \$6.95	MODEL 301 D.C. VOLTS 3 1/2" RD 0-80 0-150 0-200 0-250 \$6.95 EACH	MODEL 301 D.C. M.A. 3 1/2" RD 0-50 0-70 0-100 0-150 0-200 0-250 PRICE: \$6.95

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MODEL 301 D.C. VOLTS 3 1/2" RD 15-0-15 300-0-300 \$6.95 EACH	MODEL 301 D.C. M.A. 3 1/2" RD 0-50 0-30 \$6.95 SPECIFY OTHER NEEDS	MODEL 301 3 1/2" RD SHUNT REQ. 20,000 OHMS PER VOLT VDC 100/20-0-100/20 \$6.95 200/20-0-200/20 \$6.95 10-0-10 EACH

WESTINGHOUSE

WESTINGHOUSE NX-35 0-1500 D.C. AMPS. FS-50 MV. REC. 1500 AMP. 50 MV SHUNT. 3 1/2" RD. \$3.95

D.C. MILLIAMMETERS TYPE NX-35 3 1/2" RD. 0-50 0-100 0-250 0-150 PRICE: \$3.95 EACH

0-15 R.F. NX-35 3 1/2" RD \$3.95

0-1 MA MOVEMENT NX-35 3 1/2" RD 0-2 KILOVOLT DC SCALE 0-20 " DC " REQUIRE EXTERNAL SHUNTS PRICE: \$3.95 EACH.

D.C. AMPERE METER 0-150 SCALE, 0-15 MA. MOVEMENT SHUNT REQUIRED, 2 1/2" WEST #12058528 \$1.95

INTERNATIONAL SCALE 0-5/25 FS-200 UA, 1 1/2" HOLE MTG. MARK YDS X 1000 \$2.95 NEW #6625-519-7432

HOYT D.C. AMPERE METER

HOYT D.C. AMPERE METER 0-15 SCALE MIRRORED TYPE IN PORTABLE METAL CASE WITH TEST LEADS. 5 1/2 x 6 1/2 x 2 1/2 WT: 3 LB. #17A5200 \$3.95

MULTIMETER USED TO TEST AIRCRAFT CIRCUITS. FULL-SCALE 100 uA. 1100 OHMS ±10% 4x4x5 WT. 3 LB. USAF-5200-474900 \$4.95

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WESTON PANEL METERS

MODEL 301 A.C. VOLTS 3 1/2" RD 0-25 0-50 0-75 0-80 0-150 EACH METER \$6.95

MODEL 301 D.C. VOLTS 3 1/2" RD 0-80 0-150 0-200 0-250 \$6.95 EACH

MODEL 301 D.C. M.A. 3 1/2" RD 0-50 0-70 0-100 0-150 0-200 0-250 PRICE: \$6.95

MODEL 301 3 1/2" RD SHUNT REQ. 20,000 OHMS PER VOLT VDC 100/20-0-100/20 \$6.95 200/20-0-200/20 \$6.95 10-0-10 EACH

2000 OHMS PER VOLT 300-0-300 VDC 0-10/100VDC

WESTON D.C. AMPERE METER

RS#10A/2481 0-.5 RF AMP. SCALE, RES. 0-7 OHM. 2 1/2" SQ. W/ THERMO \$3.95

SIMPSON/TRIPOLETT MILLIAMPER D.C. 0-1 SCALE & MOVEMENT. 2 1/2" sq. #455-105 \$4.95

GE AC AMMETER 0-125 SCALE 0-1 A 400 CYCLE MOVE. 2" SQ #2319-6625-649-1982 N \$3.95

MARTON D.C. VOLTMETER 2 1/2" RD SEALED, 18-36 SCALE DIRECT #HS-2/414A NEW \$3.95

WESTON A.C. VOLTMETER 2 1/2" RD RUGGEDIZED, 0-300 SCALE DIR READ. #1526 3F8300-72 \$5.95

GE MILLIAMPERES A.C. 2 1/2" RD FS-1.5 MA No. DW-46/60953 0-250 SCALE USED \$3.95 0-500 " " 3.95 0-750 " " 3.95

BRENKERT D.C. AMPERES 0-80 3" SQ. BROWN \$3.95

WESTON D.C. AMPERE METER

GE-D0-41 3 1/2" RD. #8D041BA4 SCALES 100-0-100 D-C VOLTS 300-0-300 D-C AMPS. PRICE: \$5.95 W/SHUNT & INS

SUN MODEL #3XSPEC. 3 1/2" RD. SCALES 0-35 & 0-350 FS-1MA #3F8350 D.C Volts \$3.95

SIMPSON MODEL 55 3 1/2" RD. SCALE 0-150 VOLT 60 CYCLE PRICE: \$4.95

WEST. STYLE 1207007 3 1/2" RD SCALE 0-500 DC MILL FS-1MA USN#CAY22143/NX-35 \$3.95

WEST. STYLE 1207009 3 1/2" RD SCALE 0-400 DC VOLTS FS-1M USN#CAY22143/NX-35 \$3.95

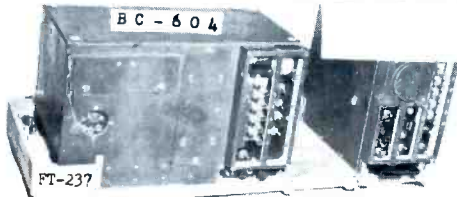
WEST. STYLE PH68283 3 1/2" RD TENS-TENTHS-UM ITS 11 VOLTS 60 CYCLE USN#CAY22148/NH35 PRICE: \$12.95

GE MODEL 45A2 3 1/2" SQ 0-1 DC MILLIAMPER. SCALE 0-1 MOVE. TYPE D071 \$4.95

FM

TRANSMITTERS-RECEIVERS

AM



BC-604 TRANSMITTER

FREQ. RANGE 20-27.9 MC OUTPUT APPROX. 30 WATT. 10 CRYSTAL CONTROLLED CHANNELS. FREQ. 54 TIME CRYSTAL FREQUENCY. 12 VOLT DC OPERATION WITH DM-35 DYNAMOTOR. 24 VOLT DC OPERATION WITH DM-37 DYNAMOTOR. BATTERY DRAIN 20A. ON 12 VOLT TUBE LINEUP; 1619 DOUBLER, 1619 TRIPLER, 1619 1ST RF AMPLIFIER, 1619 RF RECTIFIER, 1624 POWER AMPLIFIER. SIZE: 18" L x 11 1/2" H x 10 3/8" D. WT: 60 LBS. LESS DYNAMOTOR. RE-NEW \$7.95

BC-684 TRANSMITTER SAME AS BC-604 FREQUENCY RANGE 27 TO 39.1 MC USED \$6.95



BC-603 RECEIVER

BC-603 RECEIVER F.M 20-27.9 MC CONTINUOUS TUNING & 10 PRESET PUSH BUTTON CHANNEL SELECTOR. WITH SENSITIVITY SQUELCH & VOLUME CONTROLS, 2 WATT OUTPUT TO SELF CONTAINED SPEAKER, ONE (1) MICROVOLT SENSITIVITY, 2.65 KC I.F. 10 TUBES 3/6AC7, 1/6J5, 2/12SG7, 2/6SL7, 1/6H6 & 1/6V6GT. VOLTAGE REQUIRED 12/24 VOLTS FOR FILAMENTS, 220 VDC @ 80 MA. FOR HIGH VOLT SIZE 11 1/2 x 6 1/2 x 12 1/2; WT: 35 LBS.

USED \$22.95 ..CHECKED FOR OPERATION \$32.95

CONVERTED 30-45 MC \$44.95

FOR BEST RESULTS ORDER SPECIFIC FREQ. DESIRED

AC POWER SUPPLY FOR BC-603; NO CONVERSION NEEDED EXCEPT TO ADD SWITCH. (INSTRUCTIONS SUPPLIED. WIRED \$14.95 KIT OF PARTS \$11.00 DYNAMOTORS; DM-34 12VDC, DM-36 24VDC N \$4.95

FT-237 MOUNTING BASE RE-NEW \$7.95

SHOCK MOUNT BASE TO HOLD ONE BC-924 TRANSMITTER AND ONE OR TWO BC-923 RECEIVER OR, ONE BC-603 RECEIVER. SOCKETS ON THE BASE WILL MAKE ALL OF THE NECESSARY CONNECTIONS TO THE SETS. TERMINAL BLOCK MOUNTED ON THE BASE FOR REMOTE CONTROL CABLE. WT: 44 LBS SIZE: 11 3/4" W x 1 3/4" H x 33 5/8" L.

IDENTIFICATION SET

RT-82/APX-6 RADAR IDENTIFICATION SET RECEIVER-TRANSMITTER COVERING RANGE OF 950-1150 MC. IF FREQUENCY 59.5/1.5 MC. (CAN BE CONVERTED TO 1215 MC. (ST FEB. 16) SEPT. '60; 1296 MC. (ST JUNE '61). WITH (30) TUBES 6/6J6, 1/6AS6, 1/3E29, 3/6AL5, 1/5Y3, 2/3B24, 3/6AL5, 2/12AU7, 7/6AK5, 1/2C42, 1/2C46, 1/1B40, 1/1N-43, 1/1N-25. DIGIT COUNTERS ON TUNERS FOR TRANS-REC-LO FREQ. CONTROLS. VOLTAGE REQUIRED 24 AND 115 400/800 CYCLE. SIZE: 13x13x10; WT: 45 LBS. PRICE: USED WITH TUBES \$16.95

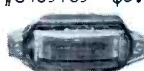
METERS

"S" UNITS DB METER 0-1 MOVE. SCALES 0-5 0-10 0-x30 SIZE: 1 1/2 x 1 1/2 #J-SR-2P \$1.95



SIMPSON METER PERCENT SCALE -10-0--10 100 MICROAMP MOVEMENT. CAN BE MOUNTED VERT. OR HORIZ 5/8" x 2 1/2" SCALE. 3 1/2" DP. NEW #8439739 \$5.95

RELATIVE POWER DB METER 0-1 MA. MOV SCALES 0-5 & 0-30; SIZE: 1 1/2 x 2 #J-715 \$1.95



RELATIVE POWER DB METER 0-1 MA. MOV. 0-10 & 0-30 DB SCALE. SIZE 7/8 x 2" MTG. #J-V-303 2H \$1.95



R-114/VRC-4 RECEIVER AM CRYSTAL CONTROL ON FOUR CHANNELS IN THE 1.7 TO 8.7 MC BAND, ONE TUNEABLE BAND OF 190 TO 510 KC. IF FREQ. 525 KC. FOR PHONE AND CW USE. WITH TUBES 4/6SK7, 1/6K8, 2/6SG7 & 1/6K6. VOLTAGE REQUIRED 6 V. FOR FIL. AND 220 VDC 80 MA. SIZE: 15 1/2 x 11 x 14 1/2; WT: 80 LBS. RE-NEW \$29.95

MP-28 MODULATOR & DYNAMOTOR FOR TA-12 TRANSMITTER. BLASS "B" OUTPUT 40 WATTS, WITH TUBES 2/807, 1/6N6 & 1/6N7. DYNAMOTOR 24VDC 14.8 A. OUTPUT 540 VDC 450 MA. SIZE: 12x12x12; WT: 30 LB MP-28 Mod. w/dyn. unused \$14.95 " " " LESS " " " 9.95



TA-12 TRANSMITTER 40 WATT PHONE, CW & MCW FOUR CHANNEL 300-600 & 3000-7000 KC. VFO OSCILLATOR EACH CHANNEL HAS OWN OSC. USING 12SK7 & 807 FINAL 2/807 PUSH-PULL (SEE S.R. CONV#2) U \$29.95

R-316/ARR-26 RECEIVER 162.25 - 173.5 MC. FM DESIGNED TO RECEIVE SONOBOUY SIGNALS ON 16 PRE-SET CHANNELS. WITH TUBES 1/6J6, 2/6AL5, 1/6AS7, 1/6AU6, 1/12AU7, 1/12AV7 & 7/6AK5. NO POWER SUPPLY, REQUIRES 280 VDC @ APPROX. 125 MA. AND FILAMENT VOLTAGES. OUTPUT OF THE SET USES A 12AU7 IN A CATHODE FOLLOWER CIRCUIT WHICH IS SUFFICIENT FOR HEAD SET. (SCHEMATIC AND CONVERSION INFORMATION FOR 145-175 MC SUPPLIED WILL INCLUDE ADDITION OF AUDIO, SQUELCH AND 115 VOLT 60 CYCLE POWER SUPPLY CIRCUITS.) SIZE 5x8x17; WT: 13 LBS. PRICE: USED \$22.95



BC-788C RECEIVER-TRANSMITTER ALTIMETER, PULSE TYPE, TRANSMITTER OUTPUT 50 WATTS. FIXED FREQUENCY 440 MC. WITH TUBES 3/6J6, 1/6L6, 9/6AG5 AND 1/5Y3GT OPERATES FROM 115 VOLT 400 TO 2400 CYCLE. SIZE: 15 1/2 x 9 x 8; WT: 13 LBS. PRICE: USED \$18.95

BC-653 TRANSMITTER 2-4.5 MC, 50 WATT VOICE, 100 WATT CW. RANGE 25 TO 50 MILES DEPENDING ON CONDITIONS.



MASTER OSCILLATOR CONTROL, FOUR PRESET CHANNEL SEVEN TUBES; 2/814, 807, 2/1613, 2/VR-105. TWO 2 1/2" METERS FOR READING FILAMENT AND PLATE VOLTAGES AND CURRENT, AND OUTPUT METER. VOLTAGES REQUIRED: 12 VDC, 1000 VDC 220MA. 500 VDC 185 MA. SIZE: 26x14x12 WT: 140 LBS. PRICE: USED \$24.50 UNUSED \$34.95

BC-652 RECEIVER AM 2 TO 6 MC. IN 2 BANDS (SHOWN TO LEFT OF BC-653 ABOVE. USED \$29.95 DM-40 DYNAMOTOR F/REC. 12/14 VDC UNUSED...\$3.95

DM-42 DYNAMOTOR 12V USED \$4.95 FT-253 MOUNTING BASE TO HOLD RECEIVER AND TRANSMITTER. USED \$3.95 34x12x3 , WT. 30 LBS. .UNUSED 5.95

R-48/TRC-8 RECEIVER

R-48/TRC-8 RECEIVER F.M 230 TO 250 MC. ONE BAND VARIABLE TUNING, SPEAKER PHONE JACKS, SQUELCH CIRCUIT. WITH TUBES 8/6AG7, 1/9002, 1/504, 1/6V6 1/VR-150, 1/6N7, 1/6SN7, 1/6AL7. OPERATES FROM 115 VOLT 60 CYCLE. SIZE: 20x19x16; WT: 75 LBS. PRICE: USED LESS METER \$32.95 WITH TUBES, LESS METER, LESS DIAL \$19.95



R-65/APM-9 LORAN RECEIVER INDICATOR AS USED IN AIRCRAFT AND BOATS. PROVIDES ACCURATE MEANS OF DETERMINING POSITION OF FIXED SHORE TRANSMITTING DIRECTION STATIONS WHEN OTHER MEANS ARE INEFFECTIVE. CONSISTS OF A RECEIVER OPERATING IN THE MARINE BAND WITH 3" CR TUBE INDICATOR FOR PRESENTATION OF THE RECEIVED SIGNALS. OPERATES FROM 24 VDC & 115 V 400-800 CYCLE. W/TUBES, LENSE, CRYSTAL. SIZE: 9 1/2 x 12 1/2 x 30 1/2; WT: 40 LBS. USED \$69.50



COMPASS SYSTEM



REMOTE READING MAGNESYN COMPASS SYSTEM AIRCRAFT TYPE. CONSISTS OF A MAGNESYN COMPASS THAT TRANSMITS TO A 3" INDICATOR THAT IS CALIBRATED IN DEGREES --- N-S-E-W AND IS OPERATED BY THE 12 VOLT D.C. INVERTER THAT IS SUPPLIED WITH THE SET. SHPG. WT: 15 LBS. PRICE WITH TRANSMITTER, INDICATOR, INVERTER AND MANUAL... \$32.95

TARGET TRANS.

BC-655 TARGET TRANSMITTER 17.5 TO 158 MC IN 3 BANDS, BATTERY OPERATED REQUIRES 1.5 VDC AND 90 VDC, TONE MODULATED, LOW POWER WITH TUBES 1/958 & 1/1A5 GT, ALSO 0-200 DC MICROAMMETER, PROVISIONS FOR MTG. TELESCOPING WHIP ANTENNA, WHICH IS NOT SUPPLIED ALSO PROVISIONS FOR MOUNTING ON TRIPOD. SCHEMATIC AND FREQ. SETTING CHART INCLUDED. SIZE: 5 1/2 x 9 x 7; WT: 12 LBS. PRICE: WITH TRIPOD UNUSED \$18.95



CARRIER MONITOR

WHEN COUPLED TO TRANSMISSION LINE PROVIDES DC/AUDIO CURRENT TO LOCAL OR REMOTE POSITION. TWO VACUUM CAPACITORS 3 MFD 15 KV. ARE SUPPLIED FOR 500 TO 50M WATT TRANSMITTER 2 TO 30 MC. INPUT/OUTPUT IMPEDANCE 600 OHM. LINE. OPERATES 115/230 V 60 CYC. WITH TUBES 1/6AL5, 1/6X4, 1/6J6, 1/VI03. ALSO OUTPUT JACKS ETC. OUTPUT JACKS & CONTROLS. P/N 1028017; SIZE: 6X6 1/2 X 8 1/2; WT: 15 LBS. PRICE: UNUSED \$8.95 LESS 2 VACUUM COND. \$5.95



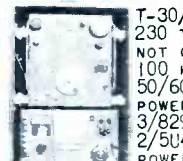
TELEPHONE REMOTE CONTROL

TELEPHONE REMOTE CONTROL UNIT WITH HANDSET. UNIT HAS INPUTS FOR TWO MIKES AND ONE RECEIVER, WITH CONNECTION AT TERMINAL BOARD FOR KEYS. AUDIO OUTPUT 1.3 WATTS INTO 600 OHMS. MAY BE USED FOR INTERCOM. POWER REQUIREMENT 115 VOLTS 60, 25 CYC OR DC. TUBES 2/35L6, 35Z5. COMPLETE WITH SPARE PARTS 9x9x8. SPARE PARTS SET CONTAINS SPARE TUBES, CAPACITORS, RESISTORS, SWITCHES AND JACKS. INSTRUCTION MANUAL INCLUDED. SIZE: 13x12x11 1/2. WT. 55 LBS. NEW \$16.95 #CAY 23304 NEW \$16.95



T-30/TRC-8 TRANSMITTER

T-30/TRC-8 TRANSMITTER F.M 12 W. 230 TO 250 MC. CONTINUOUS TUNING, NOT CRYSTAL CONTROL, FREQ. DEV. 100 KC. OPERATES FROM 115/230 V. 50/60 CYC. USING PP-115/TRC-8 POWER SUPPLY. TRANSMITTER TUBES 3/829R, 1/6H6, 2/6SN7, PP-115/TRC8 2/5U4G TUBES. TRANS. SIZE WITH POWER SUPPLY 12x20x12; WT: 80 LBS USED W/TUBES \$39.95 LESS TUBES \$24.95 TM-11-618 MANUAL FOR TRC-8 REC. & TRANS. \$3



RC-1100 TRANSMITTER 1.5-10 MC, 4 CHANNEL CRYSTAL CONTROL OR MASTER OSCILLATOR, 75 WATT CW, 50 WATT PHONE, AMPLITUDE MODULATION, PULSE DIAL OPERATION INCLUDING CHANNEL FREQ. SELECTION FROM LOCAL OR REMOTE POSITION. POWER REQ. 100-260 VOLTS 25-60 CYC FOR TRANSMITTER & REMOTE CONTROL UNIT. RM-40 REMOTE CONTROL UNIT CAN OPERATE THE TRANSMITTER FROM A REMOTE POSITION OVER STANDARD TELEPHONE LINES, BY PULSE DIAL OPERATION. TRANS. SIZE: 18x40 1/2 x 30 1/2; 41 LBS. REMOTE UNIT 10x14x13 1/2; 50 LBS. WITH MANUAL. PRICE: UNUSED W/CARBON MIC. TUBES... \$195.00

BC & ARC COMMAND SETS

THE COMMAND SET SERIES OF TRANSMITTERS AND RECEIVERS HAVE BEEN POPULAR FOR MANY YEARS ON THE SUPPLUS MARKET.

THE SERIES CONSISTS OF SEVERAL SEPARATE UNITS COVERING THE FREQUENCY RANGE OF 190 KC TO 9.1 MC FOR THE RECEIVERS AND 2.1 TO 9.1 MC FOR THE TRANSMITTERS.

IF YOU ARE NOT FAMILIAR WITH THE CONVERSION OF THIS EQUIPMENT IT IS SUGGESTED THAT YOU PURCHASE CONVERSION MANUAL COVERING THE SET.

CQ SURPLUS CONVERSION MANUAL, WHICH INCLUDES COMMAND SETS IS AVAILABLE FROM US FOR \$3.00 (FOR OTHER CONVERSION MANUALS SEE PAGE 21)

THE RECEIVERS ARE SIX TUBE SUPERHETRODYNE WITH THE FOLLOWING TUBE LINE-UP; 1/12A6, 1/12K8 3/12SK7 & 1/12SR7. DESIGNED TO OPERATE WITH THE USE OF A DM-32 24 VOLT D.C DYNAMOTOR WITH AN OUTPUT VOLTAGE OF 250 VDC @ 60 MA. ALSO REQUIRES 24 VOLTS FOR FILAMENTS. THE SET WAS TUNED FROM A REMOTE POSITION BY THE USE OF A FLEXIBLE SHAFT AND CONTROL BOX. SIZE: 5x5x11; WT: 12 LBS.

BC-453	190 to 550 KC	USED	\$16.95
CT-46145	520 to 1500 "	UNUSED	35.00
BC-454	3.0 to 6.0 MC	Gov't RE-COND	19.95
BC-454	3.0 to 6.0 MC	USED	16.95
BC-455	6.0 to 9.1 MC	Gov't RE-COND	14.95
R-25/ARC	1.5 to 3.0 MC	UNUSED	19.95

R-28/ARC-5 100 to 156 MC CRYSTAL CONTROL ON FOUR PRE-SET CHANNELS WITH 24 VDC MOTOR, NOT CONTINUOUS TUNING. USES SAME VOLTAGE BUT DIFFERENT TUBES. SEE CONVERSION MANUAL FOR DETAILS TO MAKE CONTINUOUS TUNING. USED \$22.95

THE TRANSMITTERS WITH PROPER USE CAN PUT OUT 50 WATTS CW AND 30 WATTS ON PHONE. MODULATION IS OBTAINED FROM SEPARATE UNITS, BC-456 FOR SINGLE TUBE MOD. AND MD-7 FOR PUSH-PULL MOD. THE DM-33 DYNAMOTOR IS USED TO SUPPLY THE VOLTAGES AND IS MOUNTED ON THE MODULATOR. VOLTAGES REQUIRED 575-600 vdc @ 175-200 MA. AND 24 VOLTS. WITH TUBES 2/1626 & 1/1629 MAGIC EYE TUBE FOR TUNING AND CRYSTAL FOR CALIBRATION. SIZE: 5x7x12; 12LBS.

T-18/ARC-5	2.1 to 3.0 MC	USED	\$9.95
CBY-52232	Navy 2.1 to 3.0 MC	LESS	
	ANTENNA INDUCTANCE VARIABLE COIL	USED	4.95
BC-696	3 to 4 MC	Gov't RECONDITIONED	14.95
T-20/ARC-5	4.0 to 5.3 MC	USED	\$6.95 NEW 9.95
T-21/ARC-5	5.3 to 7.1 "	"	6.95 NEW 9.95
T-22/ARC-5	7.0 to 9.1 "	"	18.95

T-23/ARC-5 100 to 156 MC AM USING 832 TUBES (2) AND 1625 (2), FOUR PRE-SET CRYSTAL CONTROL CHANNELS, COMPANION TO R-28 REC. FOR CONVERSION SEE CQ MANUAL. \$24.95

BC-456 MODULATOR FOR USE WITH COMMAND TRANSMITTERS, SINGLE TUBE MODULATION WITH TUBES 1/1625, 1/12J5G7 AND 1/VR-150. HAS PROVISIONS FOR MOUNTING DM-33 DYNAMOTOR. SIZE: 7x8x10; WT: 11LBS. U. \$3.95

POWER SUPPLY FOR COMMAND RECEIVERS 115 VOLT 60 CYCLE IN CABINET WITH SPEAKER, SPEAKER, VOLUME CONTROL, CW SWITCH, HEADPHONE JACK AND CONNECTOR PLUG FOR SINGLE RECEIVER. SEE PAGE 20. PRICE: 19.95

SPIN TUNING KNOB FOR RECEIVERS	\$1.00
DM-32 DYNAMOTOR 24 V FOR REC.	UNUSED 4.95
35x032 " 12 V " "	4.95
C-26/ARC CONTROL BOX FOR ONE REC.	USED 2.00
BC-496 " " " TWO " "	1.95
BC-450 " " " THREE " "	2.50
BC-451 " " " ONE TRANS. " "	1.95
BC-473 " " " ONE REC. " "	2.00

CONNECTOR PLUGS F/REC. OR TRANS. " 1.50
FLEXIBLE SHAFTS MC-215 FOR COMMAND EQUIPMENT 6 FT. \$1.50 EACH ADDITIONAL FT. 25¢ EXTRA.

MOUNTING-RACKS-FLEXIBLE SHAFTS	
FT-234 ONE COMM. TRANS RACK	1.50
FT-226 TWO " " "	2.00
FT-220 THREE " REC. " "	2.50
FT-225 MODULATOR RACK	1.50
MT-68 ONE TRANS. SHOCKMTG	1.00
FT-227 TWO " " "	1.50
FT-228 ONE MOUNTING BC451	1.00

RECEIVERS & TRANSMITTERS



BC-620 RECEIVER TRANSMITTER F.M. 20 TO 27.9 MC. CRYSTAL CONTROL ON ANY TWO PRESELECTED FREQ. IN THE RANGE. USES FT-243 CRYSTALS, ONE SUPPLIEE POWER OUTPUT APPROX. 3 WATTE WITH PHONE & MIC JACKS, (NO SPEAKER) TEST METER, VOLUME CONTROL, SELECTOR SWITCH ETC WITH TUBES 1/1LC6, 1/1LH4, 1/1LN5, 4/1R4/1294, 2/3B7 & 4/306/1299 AND PE-97 POWER SUPPLY THAT OPERATES FROM 6 OR 12 VOLTS D.C. W/ CABLE SIZE: REC. TRANS. ONLY 15x13x7; WT: 30 LBS. PE-97 POWER SUPP. 15x13x7; WT: 20 LBS. THE REC.-TRANS. IS MOUNTED ON TOP OF THE POWER SUPPLY AND IS HELD THERE WITH HASPS. PRICE: BC-620 & PE-97 RE-NEW \$19.95



BC-659 TRANSMITTER-RECEIVER F.M. 27-38.9 MC, CRYSTAL CONTROL ON TWO PRESELECTED CHANNELS IN THE FREQUENCY RANGE. SUPPLIED WITH ONE (1) FT-243 CRYSTAL, OUTPUT APPROX 3 WATTS, SELF CONTAINED SPEAKER, MIC & PHONE JACK. WITH TUBES 1/1LH4, 1/1LC6, 4/1LN5, 2/1291, 4/1299-306, 1/1291-3B7 & ALIGNMENT & TEST METER WITH PE-117 OR PE-120 6 OR 12 VDC POWER SUPPLY SIZE: REC-TRANS. ONLY 15x13x7 WT: 30 LBS. PE-117/120 P.S. 15x13x7 WT: 20 LBS. THE REC-TRANS. IS MOUNTED ON TOP OF THE P.S AND IS FASTENED WITH HASPS SAME AS BC-620. PRICE: BC-659 AND POWER SUPPLY RE-NEW \$19.95 USED \$16.95

AN-45 TELESCOPING ANTENNA FOR MOUNTING ON REAR OF BC-620, 98" LG. NEW..... 1.95
FT-250 SHOCKMOUNTING BASE F/ BC-620 & PE-97 TO-GETHER OR SEPARATELY 2.50
CD-509 CORD EXTENSION 8 FT. USED WHEN P.S IS TO BE USED AWAY FROM BC-620. 2.75
CS-79 BATTERY CASE SAME SIZE AS PE-97 USED WITH BC-620 WHEN DRY CELLS /USED \$1.50
TS-13 HANDSET, CARBON MIC. W/PLUGS 4.95
T-24 MICROPHONE CARBON RE-NEW 4.95
SPARE TUBES FOR BC-620 NEW BOXED EACH .75

RADIOTELEPHONE

RCA RADIOTELEPHONE EQUIPMENT

VHF MODEL ET-8040 IS A COMPACT MULTI-CHANNEL UNIT DESIGNED TO PERMIT VARIOUS CLASSES OF VESSELS TO UTILIZE THE MARITIME-MOBILE FREQ. FOR SHIP TO SHIP & SHIP TO SHORE IN THE 156 TO 162 MC. F.M. BAND. SIMPLEX OR DUPLEX CHANNEL ON AS MANY AS (8) FREQ. TRANSMITTER OUTPUT 11 WATTS WITH TUBES 2/2E26, 5/6BH6, 1/6AQ5, 2/6AV6 & 1/12AT7, FREQ. STABILITY 1.002%, MOD. 15 KC F/100%. RECEIVER "A" CHAN. 1 THRU 8, REC. "B" CHANNEL 7 THRU 8, DOUBLE CONVERSION, SQUELCH SENSITIVITY .25-5 MICRO VOLT, WITH TUBES EACH RECEIVER 1/16BH6, 2/12AX7, 1/6AL5 & 1/6AK6. EIGHT CHANNEL CONTROL UNIT WITH HANDSET, ONE SPEAKER WITH REMOTE CONTROL OF SINGLE CHANNEL & AUX. SPEAKER ONLY. OPERATES FROM 115 VOLT 400 CYCLE 1.22 AMPS. TRANS.-REC. SIZE 16x23x6; WT: 72LBS. NET/ CONTROL UNIT & SPEAKERS 13 LBS. SHPG. WT. 100 PRICE: UNUSED \$125.00



R-4/ARR-2 RECEIVER 234-258 MC DESIGNED FOR REMOTE CONTROL OPERATION, REQUIRES A MODULATEE SIGNAL IN THE RANGE OF 540-830 KC AND MAY BE SET AT ANY ONE OF SIX FREQ. RECEIVER CAN BE USED FOR BEAT NOTE HOMING OR FOR VOICE RECEPTION. WITH TUBES 1/12A6, 3/6AK5, 7/9001, VOLTAGE REQ. 24 VDC & 250 VOLT 60 MA. SAME SIZE AS COMMAND REC. "G" RE-COND \$6.95



MD-7/ARC-5 MODULATOR USED WITH ARC-5 AND COMMAND SERIES OF TRANSMITTERS USES 2 1625 TUBES IN PUSH-PULL. 1/12J5 AND 1/VR-105 (CAPABLE OF 40 TO 50 WATTS ON VOICE DEPENDING ON VOLTAGE USED AND APPLICATION TO TRANSMITTER.) W/TUBES SIZE: 10x6x9; WT: 12 LBS. PRICE: USED \$9.95

COMMUNICATION RECEIVER



RCAF GR-10 COMMUNICATION RECEIVER, 115 VOLT 25-60 CYC. 6 BANDS, 195 TO 410 KC AND 1400 TO 31000 KC., ELECTRIC, BAND SPREAD, VAR. SELECTIVITY, ADJ. CRYSTAL FILTERS, NOISE LIMITER, AVC, CARRIER STRENGTH METER, CRYSTAL CONTROL ON ANY ONE FREQ. TO 6.8 MC. TEMP. AND VOLTAGE REG. OF OSCILLATOR, SENSITIVITY BETTER THAN 5 MIC. V. 2:1 SIG. TO NOISE RATIO. MAX. UNDISTORTED OUTPUT 3 WATTS. WITH TUBES 3/6SK7, 1/6K8, 1/6SJ7, 1/6H6, 1/6SQ7, 1/6F6G, 1/5Y3G & 1/VR-105. BEAT FREQ. OSC. CONTROL AND PROV. FOR SPEAKER AND HEADSET. SIZE: 10x20x12; WT: 85 LBS. (CABINET DESIGN MAY VARY) ALSO AVAILABLE FOR 19" RACK MOUNTING PRICE: USED NOT CHECKED.... \$89.95 99.95



BC 348 RECEIVER

BC-348 AIR FORCE COMMUNICATION RECEIVER: A.M. SIX (6) BANDS 200 KC. TO 500 KC. & 1.5 MC. TO 18 MC. W/CRYSTAL PHASING, ANTENNA ALIGN, BEAT OSCILLATOR AND AUDIO GAIN CONTROLS, VERNIER AND SPEED TUNING, AVC & MVC, PHONE AND SPEAKER JACKS, LARGE ILLUMINATED DIAL, WITH TUBES 1/6J7, 3/6K7, 1/6C5, 1/6K6, 1/6B8, 1/6F7. VOLTAGE REQUIRED 24 VOLTS AND 220 VDC & 70 MA. SIZE: 18x10x9; WT: 40 LBS. (PRICES LESS DYN) PRICE: USED LESS DYNAMOTOR \$69.50 " " OPER. CHECKED 79.50 DM-28 DYNAMOTOR USED " " 4.95 FT-154 SHOCK MOUNTING FOR RECEIVER N 2.75 AC POWER SUPPLY WITH SPEAKER 115 VOLT 18.95 PL-103Q PLUG FOR REAR OF RECEIVER 2.50

DIVERSITY RECEIVER

AN/FRR-3 DIVERSITY RECEIVING EQUIPMENT USES TWO IDENTICAL RECEIVERS OPERATING ON DIFFERENT ANTENNAS. THE OUTPUT IS THEN COUPLED TO-GETHER TO SUPPLY A SIGNAL WITH REDUCED FADING EFFECTS. COVERS THE FREQ. RANGE OF 2.4 TO 23 MC IN 5 BANDS, (BAND 5 CAN BE EXTENDED TO 26 MC.) PRE-SET ON ANY ONE FREQ. IN EACH BAND, MOTOR DRIVEN SELECTOR BY DIAL SYSTEM. CONSISTS OF ANTENNA UNIT, REC. UNIT "A", REC. UNIT "B", MULTIPLIER UNIT, OSCILLATOR UNIT, REMOTE CONTROL, POWER CONTROL, POWER FILTER UNIT & POWER SUPPLY UNIT ALL HOUSED IN A 7 FOOT RACK WITH DOOR FRONT & BACK. TUBES REQUIRED 6/6J5GT, 5/6V6, 8/6SK7, 2/6SN7, 2/6SA7, 7/6SA7, 5/6H6, 3/6E5 & 2/5U4. TOTAL WT: 600 LBS. POWER REQ. 100-130/200-260 v. 50/60 CYCLE. PRICE: USED LESS TUBES \$150.00

ATD TRANSMITTER

NAVY ATD TRANSMITTER 540 KC TO 9050 KC 50 WATT VOICE-MCW-CW, AM WITH TUBES 1/814, 4/6L6GA & VOLTAGE REGULATOR, THREE 2 1/2" METERS FOR RF, MA & VOLTS, 24 VOLT DYNAMOTOR OUTPUT 1000 VDC 150 MA, 380 VDC 400 MA & 28VDC 5 AMPS. PLUG-IN TUNING UNITS SUPPLIED WITH SET 1/540-1500, 1/1500-3000 & 2/3000-9050 KC. FOUR CHANNEL SELECTION FROM SET OR REMOTE. LOCAL OR REMOTE CONTROL, MIC, PHONE & KEY JACK COMPLETE WITH DYNAMOTOR, REMOTE CONTROL UNIT, ANTENNA LOADING UNIT & PLUGS. SIZE: 24x10x13; WT: 70 LBS. (TRANS) TOT. 135LBS PRICE: UNUSED \$69.95

LOW FREQ. TRANS.

BC-329 TRANSMITTER 200 TO 410 KC 25 WATT, CRYSTAL CONTROL, 105-125 VOLT 50-60 CYCLE POWER SUPPLY. POWER OUTPUT 25-34 WATTS OF UNMODULATED CARRIER. TUBES IN MODULATOR & P.S. 1/6J5, 1/6L6, 1/807, 2/83 & 1/5Y3 IN R.F. SECTION 1/6V6, 1/807, 1/830, 1/83 & 2/866. EACH SECTION ARE ON ROLLER RAILS FOR EASY ACCESSIBILITY. SIZE: 24x30x23; WT: 350 LBS. PRICE: USED USED LESS TUBES \$50.00

SCR-522 RADIO SET

100-156 MC

RECEIVER-TRANSMITTER AM, FOUR CHANNEL, CRYSTAL CONTROL, 30 WATT OUTPUT, 18 TUBES AS FOLLOWS: TRANSMITTER, 1/6SS7, 2/832, 3/12A6, 1/6G6, RECEIVER: 1/9002, 1/9003, 3/12A6, 1/12C6, 2/12AH7, 1/12H6 & 3/12SG7. BOTH UNITS CAN BE REMOVED FROM CASE SEPARATELY. OVERALL SIZE: 16x12x10-3/4" WT: 49 LBS. PRICE: USED \$29.95



RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE: USED WITH TUBES \$14.95 NO TUBES \$7.95

RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED, WITH TUBES \$14.95 NO TUBES \$7.95

TRANSMITTER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED WITH TUBES \$18.95 NO TUBES \$7.95

BC-602 CHANNEL SELECTOR CONTROL BOX WITH PUSH BUTTONS. BC-602B USED \$1.95 BC-602D NEW \$2.95

NOTE: FOR THE MICROPHONE & PHONE CIRCUITS JACKS CAN BE INSTALLED IN THE BC-602

JB-29 JUNCTION BOX NEW \$2.95
AN-104 ANTENNA, METAL COVERED WOOD NEW 1.95
PE-98 DYNAMOTOR 12 VOLT USED 9.95
PE-94 " 24 " " 4.95

PLUGS REQUIRED FOR THE EQUIPMENT

SCR-522 RECEIVER-TRANSMITTER REQUIRES THE FOLLOWING PLUGS, PL-173 TO ANTENNA, PL-169 TO DYNAMOTOR, PL-170 TO JB-29 JUNCTION BOX. \$1.50 EACH

BC-602 CONTROL BOX, REQUIRES FOLLOWING PLUGS, PL-169 TO JUNCTION BOX. \$1.50 EA.

PE-98 OR PE-94 DYNAMOTOR REQUIRES FOLLOWING PLUGS, PL-172 TO BATTERY, PL-171 TO RECEIVER-TRANSMITTER. \$1.50 EA.

JB-29 JUNCTION BOX, REQUIRES THE FOLLOWING PLUGS, PL-170 TO RECEIVER-TRANSMITTER PL-169 TO BC-602 CONTROL BOX. \$1.50 EA.

RA-62 AC POWER SUPPLY FOR SCR-522, OPERATES FROM 115/230 VOLTS 60 CYCLE, SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION. SIZE: 16x11x11; WT: 75 LBS. PRICE USED \$59.50 REQUIRES PL-171 PLUG FOR HOOK-UP TO REC-TRANS PRICE \$1.50. AC LINE CORD DETACHABLE TYPE \$1.00

ARC-3 100-156 MC

R-77/ARC-3 VHF AIRCRAFT TYPE AM RECEIVER, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 9001, 9002, 12A6, 12H6, WITH TUBES 9001, 9002, 12A6, 12H6, 12SH7, 12SL7, 2/12SN7, 3/12SG7 & 6/6AK5. VOLTAGE REQUIRED 24 VDC & 210 VDC 125 MA. SIZE: 11x7x15. WT: 21 LBS. W/SCHEMATIC PRICE: R-77/ARC-3 RE-CONDITIONED \$29.95 R-5009/ARC-502 24 CHANNEL USED \$24.95 PL-153 PLUG FOR FRONT OF SET \$ 2.50

T-67/ARC-3 VHF AIRCRAFT TYPE TRANSMITTER AM, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE, WITH TUBES 2/832 2/6L6, 1/6J5, 3/6V6 & 1/12SH7. VOLTAGE REQUIRED 24 VDC & 410 VDC 325 MA. SIZE: 15x7x12. WT: 21 LBS. PRICE: RE-NEW WITH TUBES ...\$29.50



JB-68 JUNCTION BOX FOR ARC-3 RADIO SET USED TO MOUNT DYNAMOTORS DY-22 FOR REC & DY-21 FOR TRANS. ALSO HAS CONNECTOR PLUGS TO HOOK UP REC, TRANS, CONTROL BOX & POWER, & RELAYS. SIZE: 10x3x8. WT: 7 LBS. PRICE USED... \$7.95

CONNECTOR PLUG FOR EACH FACILITY \$2.50 EACH

C-118/ARC-3 CONTROL BOX FOR RECEIVER AND TRANSMITTER. HAS EIGHT PUSH BUTTONS FOR CHANNEL SELECTION AND ONE FOR OFF. SIZE: 6x3x7 WT: 2 LBS. PRICE: \$4.95 CONNECTOR PLUG U-16/U 2.50

IE-36 TEST SET FOR SCR-522 REPRODUCES THE OPERATING FUNCTIONS OF THE CONTROL BOX & JACK BOXES OF THE RADIO BY PROVIDING HEADPHONE & MICROPHONE, CHANNEL SELECTION PLUS ALL OTHER CONTROLS NECESSARY TO OPERATION AND TESTING. CONTROL UNIT BC-1303 PLUGS DIRECTLY INTO THE SCR-522 ALSO HAS PHANTOM ANTENNA & CORD, LAMP EXTRACTOR, ADAPTER PHONE CORD, INSTRUCTION BOOK AND CARRYING CASE, 10x10x4; WT: 8 LBS. PRICE: NEW \$6.95

SCR-522 CABLES WITH PLUG ON ONE END AND LUG TERMINALS ON THE OTHER. EACH CABLE \$2.95
CX-58/VRC-1 PLQ-170 PLUG & LUGS, 36" LONG.
CX-60/VRC-1 PL-169 " " " 36" "
CX-62/VRC-1 PL-172 " " " 66" "

TRANSCIEVER

BC-745 AM TRANSMITTER-RECEIVER COVERING THE FREQ. RANGE OF 2-6 MC PHONE, WITH A RANGE OF FIVE MILES UNDER FAVORABLE CONDITIONS. CRYSTAL CONTROL ON TWO PRESELECTED FREQ. BY USE OF PLUG IN COIL & CRYSTAL ASSY. BC-746. THE SET SIZE IS 6x6x6 AND IS MOUNTED ON A 32" STAFF AND HOUSES THE TELESCOPING ANTENNA WHEN NOT IN USE. COMPLETE WITH TUBES, 1/1S5, 3/174 & 5/3S4 & ONE PLUG IN FREQ. ASSY. VOLTAGE REQUIRED 1.5 VDC/5 A, 67.5 VDC/20 MA & 105-125 VDC/50 MA. WT: 10 LB PRICE: USED \$6.95 UNUSED \$9.95



BC-746 PLUG IN COILS & CRYSTAL ASSEMBLIES CHANNEL #1 3010 Kc CHANNEL #2 5030 Kc CHANNEL #3 5500 Kc CHANNEL #4 5305 Kc ONE OF THE ABOVE SUPPLIED WITH PURCHASE OF SET, ADDITIONAL UNITS \$1.00 EA.

T-39 CHEST UNIT THAT WAS USED TO CARRY DRY CELL BATTERIES, ALSO HAS MICROPHONE, PHONE JACK AND NECESSARY CABLE FOR CONNECTING TO RADIO SET. PRICE: USED \$1.95 UNUSED \$3.95

PE-157 VIBRATOR POWER SUPPLY; OPERATES FROM 2 VOLT WET BATTERY BB-54 WHICH IS INSTALLED INSIDE THE CASE THAT SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION OF THE RADIO SET ALSO HAS 4" PM SPEAKER, CARRYING HANDLE AND CABLE FOR CONNECTING TO SET. SIZE: 11x5x8. WT 17 PRICE: USED \$4.95 UNUSED \$6.95

AUTOMATIC KEYS

KY-65/ARA-26 AUTOMATIC KEYS MOTOR OPERATED 24 VDC, SOS CODE WHEEL AND EXTRA WHEEL FOR ADDING ADDITIONAL CODE, ADJUSTABLE 5-30 SEC. 3/24 VDC RELAYS GEAR TRAIN RES. ETC. SIZE 6x3x4; WT: 4 LBS. \$3.95 CONNECTOR PLUGS 3 REQ. 1.50 EACH.



COMPASS RECEIVER

AN/ARN-7 RADIO COMPASS RECEIVER 100 TO 1750 KC USED FOR AIRCRAFT DIRECTION FINDING BUT CAN ALSO BE USED ON BOATS. THE RECEIVER IS A SUPERHETERODYNE WITH ADDITIONAL CIRCUITS FOR OPERATION OF THE AURAL RECEPTION AS SHOWN ON THE INDICATORS. COVERS THE FREQUENCY RANGE OF 100 TO 1750 KC IN FOUR BANDS CONTINUOUS TUNING FROM CONTROL BOX WHICH IS A SEPARATE UNIT. UNIT OPERATES FROM 115 VOLT 400 CYC & 24 VDC AND IS COMPLETE WITH TUBES 4/6K7, 1/6L7, 1/6J5, 2/6B8, 2/6F6, 1/6N7, 1/5Z4, 1/6SC7 & 2/2051. SIZE: 12x8x9; WT 45 LBS. R-5/ARN-7 RECEIVER ONLY, USED \$18.95

ITEMS LISTED BELOW ARE REQUIRED FOR ADF OPER.

- C-4/ARN-7 CONTROL BOX USED \$3.95 NEW \$5.95
- I-8/ARN-7 INDICATOR 3" USED \$3.95 RENEW 4.95
- I-82A " 5" USED 7.95
- LP-21 AM LOOP ANTENNA " 9.95
- FT-224 MOUNTING F/C-4CB " 1.50
- MG-149F INVERTER " 24.95
- MC-203 SHAFT COUPLING "T" " 1.00
- MC-136 SHAFT " RT/ANGLE " 2.50
- BK-22 RELAY JUNCTION BOX " 2.95
- MC-124 FLEXIBLE SHAFT 2 FT. 1.50
- CD-365 CABLE FOR LOOP 5 FT. 2.75
- PL-122 CONNECTOR PLUG FOR RECEIVER 2.50
- PL-112 " " " LOOP 2.50
- PL-118 " " " I-81 OR I-82 2.50

TRANSMITTER

GO-9 NAVY TRANSMITTER 100 WATT CW, MCW & PHONE, 300-600 Kc & 3.0 TO 18.1 MC. WITH TUBES 2/837, 1/843, 1/801, 2/803, 1/807, 2/1616 & 1/5Z3, UNIT IS MADE IN THREE SECTIONS WITH THE LOW FREQ. SEC. TO THE LEFT, HIGH FREQ. TO THE RIGHT & POWER SUPPLY THAT OPERATES FROM 115 V 800 CYCLE IN THE CENTER. VOLTAGE ALSO REQ. 12 OR 24 V.DC. SEVEN METERS, 0-9 MF & 0-100 MA IN LOW SEC. 0-9 RF, 0-100 MA & 0-15 V IN HIGH SEC. & 0-15 V. & 0-300 MA IN P.S SEC. (CONVERSION INFORMATION FOR 115 V. 60 CYCLE CAN BE FOUND IN SURPLUS RADIO CONVERSION MANUAL #2 PRICE \$3.50) SIZE: 28x33x16; WT: 125 LBS. RE-NEW \$69.50

MN-40 INDICATOR 0-360 DEGREE SCALE 5" WITH VAR. ADJUSTMENT. SAME AS I-82 \$3.95
CONTROL BOXES MN-28C/MN-26C MN-28LB/MN-26LB USED \$3.95 EA. CONNECTOR PLUGS RECEIVER \$2.50 CONTROL BOX 2.50 FLEXIBLE SHAFT \$1.50
BY USE OF SPLINED CONNECTORS 5/8" \$2.8 \$3.00

RADIO COMPASS

RA 101A/ARN-6 RADIO COMPASS WITH A FREQUENCY RANGE OF 100-1750 KC IN FOUR BANDS. COMPLETE WITH TUBES 6/12SK7, 4/12SX7, 1/12SY7, 1/12SN7, 2/26A7, 2/2050. OPERATES FROM 26.5 VDC. WT. 35LBS. SIZE: 11x7x15.5. PRICE: \$39.50
AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS. OPERATES FROM 26 VOLTS 400 CYC. SIZE: 10x11x5 WT. 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95 MANUAL FOR RA 101A/ARN-6... \$5.00

ID-91 B/ARN-6 INDICATOR 0-360 DEG. 3 1/2" DIA. INDICATOR FOR ARN-6 RADIO COMPASS SYSTEM \$8.95

C-149 A/ARN-6 CONTROL BOX BOX CONTAINS THE FOLLOWING CONTROLS. OFF-COMP.-ANT.-LOOP; FUNCTION SWITCH, TUNING METER, LOOP L-R SWITCH, LIGHT CONTROL, DIAL BAND SWITCH, CONTROL SWITCH, TUNING CRANK, AUDIO CONTROL, CW- VOICE SWITCH. \$8.95

BC-733 RECEIVER 108.3-110.3 MC AM

AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-POINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY. OPERATES ON SIX CRYSTAL CONTROL PRESET FREQ. COMPLETE WITH TEN TUBES: 1/12AH7, 2/12SG7, 3/717, 2/12SR7, 1/12SQ7 & 1/12A6. VOLTAGE REQUIRED; 24 VDC & 220 VDC 80 MA. WITH SCHEMATIC. SIZE: 13x5x7 WT: 17 LBS. PRICE: USED \$5.95 UNUSED \$7.95

I-101C CROSS POINT INDICATOR, USED \$1.95 PL-257 PLUG TO FIT I-101C 1.50

BC-732 CONTROL BOX USED \$1.95 NEW \$2.95 CABLE WITH PL-254 TO FIT BC-733 REC. AND PL-256 PLUG TO FIT BC-732 CONTROL BOX 3 FT. PRICE: \$4.95 PLUGS ONLY 1.50 PLUGS ONLY \$1.50 EA.


DM-53 DYNAMOTOR 24 VOLT USED \$4.95 NEW \$6.95 DM-53 AZ " 12 " NEW 7.95 AS-27 RAMS HORN ANTENNA \$5.95 PL-284 TWIN COAX PLUG F/BC-733-AS-27 1.00

TRANSCIEVER

AF/UTA-68 TRANSCIEVER AM 115 TO 152 MC ON ANY ONE OF TEN PRESET FREQUENCIES, CRYSTAL CONTROLLED. POWER OUTPUT APPROX. 5 WATTS. WITH TUBES TRANS. 6AG5, 2/6C4, 3/5763, MOD. 6AU6, 2/6C4, 6AK6, REC. 3/6RH6, 3/6C4, 6AK6, REC. 3/6RH6, 3/6C4 & 26 VOLT DC DYNAMOTOR, OUTPUT 265 VDC AND -50 VDC. SIZE: 9x8x16; WT: 25 LBS. PRICE USED \$24.95 SCHEMATIC \$1.00; PLUGS \$1.50 EA. ANT. PLUG \$0.50




Headsets — Telephone Equipment — Microphones — Handsets




HS-33 HEADSET
NEWLY MANUF.
HEADBAND & 4 1/2 FT.
CORD WITH PL-55
TYPE PLUG. AIR
FORCE GREY. 600
OHM IMPED. WITH

MX-41/AR MEDIUM RUBBER CUSHIONS \$8.00
MC-162 SMALL RUBBER CUSHIONS \$6.95




HB-7 HEADBAND ONLY
WITH 4 1/2 FT. CORD AND PL-55 TYPE PLUG. AIR FORCE GREY.
\$3.00

MX-41/AR MEDIUM SIZE RUBBER CUSHIONS \$1.25
MC-162 SMALL RUBBER CUSHIONS \$1.00



HS-23 HEADSET
NEWLY MANUF. W/4 1/2 FT. CORD & PL-55 TYPE PLUG. AIR FORCE GREY. 2000 OHM IMPED. WITH MX-41/AR MEDIUM SIZE RUBBER CUSHIONS \$6.95


MC-162 SMALL SIZE RUBBER CUSHIONS \$5.95



H-113/U HEADSET 600 OHM
SOFT PLASTIC EAR CUSHIONS 18" CORD W/ PL-54 PLUG THAT FITS JK-26 JACK (SEE CD-307 EXTENSION CORD ELSEWHERE ON THIS PAGE) WT: 3LBS. USED-EX \$3.95

H-62 HEADSET SAME AS H-113/U ONLY IN BLACK AND HAS PROVISIONS FOR SNAPPING ON LIP MICROPHONE CW-51071 LISTED BELOW. USED-EX. \$3.95

CW-51071 LIP MICROPHONE 100 OHMS IMPEDANCE W/ 2 SNAPS FOR FASTENING TO H-62 HEADSET, 14" CORD W/ PL-291 PLUG INTO EXTENSION CORD CD-318 LISTED ON THIS PAGE OR CW-49561 EXTENSION CORD LISTED BELOW USED \$1.00



TELEX MRB-12 HEADSET 50-10K CYC. CRYSTAL TYPE.

MICROPHONE ON ADJUSTABLE BOOM, CERAMIC BOOM WITH PL-55 ON EA. RE-MOVEABLE RUBBER CUSHIONS FOR CLEANING. 50-9000 CPS. FIVE FOOT CORDS WITH PL-55 ON EA. BOOM MIC & HEADSET 50,000 OHM... USED \$8.95 4,000 " USED 9.95

LAFAYETTE MICROPHONE. HIGH OUT PUT CERAMIC MIC. PUSH TO TALK SW. PLASTIC CASE, COILED CORD, 5 PRONG AMPHEOL PLUG. UNUSED \$5.95 SHURE #CA9R




T-17 CARBON MICROPHONE 35 TO 90 OHMS, PUSH TO TALK SWITCH, 5 FT. CORD WITH PL-68 PLUG. (UNITS SHIPPED MAY BE ALUMINUM OR PLASTIC CASES) 1 LB. USED \$5.95 RE-COND. \$7.50

MICROPHONE BUTTON & CAP ONLY FOR T-17, 4 HOLE M.T.G. #2B490 NEW \$2.50




HS-30 HEADSET 250 OHM IMPEDANCE HEARING AID TYPE EAR PCS. FIT INSIDE EAR. LIGHT-WEIGHT HEADBAND, CORD 9" LG. WITH SPADE LUGS. (SEE CD-604 CORD) RE-NEW \$1.50 USED \$1.00



TELEPHONE TRANSMITTER CHEST SET; 150 OHM IMPEDANCE TRIANGULAR SHAPED BREASTPLATE, HORN MOUTHPIECE TYPE# A-1. NO STRAPS. WESTERN ELECTRIC #396A \$1.50

CW-49561 EXTENSION CORD FOR LIP MIC. CW-49561, T-45, T-30, M1/A OR ANY OTHER CORD WITH MATING PLUG PL-48/291. HAS PL-68 MIC. PLUG AND IS 5FT WITH MOMENTARY SWITCH. UNUSED \$1.50

M1/A CARBON MICROPHONE 75 OHM IMPEDANCE, FITS OVER MOUTH TO ELIMINATE NOISE, HELD IN PLACE BY STRAPS, FREQ RESPONSE 400-3200 CPS. 15 1/2 INCH CORD WITH PL-291 PLUG TO FIT CD-318 OR CW-49561 EXTENSION CORDS DESCRIBED ON THIS PAGE. NEW \$2.50



TS-9 HANDSET NO PLUGS WITH BUTTERFLY SWITCH & PUSH TO TALK SWITCH & LUGS USED \$3.95

TS-11 HANDSET; 4 COND-CORD, 5 1/2", CARBON MIC 50 OHM PHONE 3500 OHM, W/ PL-106 PLUG. NEW \$4.95




TS-9 HANDSET NO PLUGS WITH BUTTERFLY SWITCH & PUSH TO TALK SWITCH & LUGS USED \$3.95

TS-11 HANDSET; 4 COND-CORD, 5 1/2", CARBON MIC 50 OHM PHONE 3500 OHM, W/ PL-106 PLUG. NEW \$4.95




T-45 LIP MIC

H-144/U HANDSET CAN BE USED FOR HEADSET WITH BOOM BY ADDING WIRE HEADBAND. PHONE 300 OHM MICROP. 40 " MOMENTARY & HOLD SWITCH U77/U CONNECTOR, 6 FT. CORD. USED \$ 7.95



T-30 THROAT MIC. Elements only \$1.00 a dozen

TELEGRAPH SET




TG-5 TELEGRAPH SET; PORTABLE UNIT USED FOR CODE COMMUNICATION OVER LAND WIRE LINES. TWO OR MORE UNITS CAN BE OPERATED IN SERIES. CAN BE USED FOR CODE PRACTICE OR TEACHING CONTAINS BELL CALL SYSTEM 1000 CYCLE TONE HOWLER, TEL. KEY, HEADPIECE, CANVAS CASE, BOOK ETC. REQUIRES 22.5 AND 2 1.5 VOLT BATTERIES FOR OPERATION. LESS BATTERY. SIZE: 5 1/2 x 10 5/8"; WT: 8 LBS. PRICE: NEW \$9.95



RS-83 100 OHM CARBON MICROPHONE W/ COILED CORD 1-4" DETACHABLE UN-CORD 4 1/2" & SW. USED \$2.95


SOUND POWERED HANDSET WITH COILED CORD 1-4" STK #D173012 NEW \$7.95

T-45 MICROPHONE CARBON TYPE 1000HM 500B BELOW 1 MILLIVOLT, FLAT RESPONDS WITH PL-291 2 CONT MALE PLUG, 11" CORD USED 75¢




CD-307 CORD EXTENSION FOR CORDS WITH PL-54 PLUG AS USED ON HEADSETS, 65" LG WITH JK-26 JACK & PL-55 PLUG. USED \$1.00

T-30 MICROPHONE CARBON TYPE, 75 OHM 500B BELOW 1 MILLIVOLT, FLAT RESPONDS WITH PL-291 2 CONT MALE PLUG, 11" CORD PRICE: USED 3/\$1.00 UNUSED \$1.00



CD-318 EXTENSION CORD WITH PL-291 2 CONTACT FEMALE PLUG TO FIT T-45 & T-30 MICS. SW-141 SWITCH & PL-68 MIC PLUG ON 7 FT. CORD USED \$1.00




CD-604 CORD WITH IMPEDANCE MATCHING TRANSFORMER 500OHM TO 4000, USED WITH HS-30 HEADSET, 6" CORD & PL-54 PLUG. NEW 50¢ USED 25¢



MICROPHONE BUTTON CARBON 50 OHM WILL REPLACE F-1 ELEMENTS. #K-53-0654 \$1.00

PL-68 MIC PLUG 30" CORD 75¢

CD-605 CORD SAME AS CD-604 ONLY 30" LG. WITH PL-55 PLG USED \$1.00



HB-1 HEADBAND FOR 1 1/2" ELEMENTS WITH 8000 OHM ELEMENTS & CORD \$2.95

JK-33 JACK TO FIT PL-68 MIC. PLUG. USED 6 FOR 50¢

CD-605 CORD SAME AS CD-604 ONLY 30" LG. WITH PL-55 PLG USED \$1.00

HEADSET EARPHONE CUSHIONS SPONGE RUBBER FOR 2 1/2" ELEMENTS. #48514 \$1.00 PAIR

COILED CORD SET

JK-34 PHONE JACK TO FIT PL-55 PLUG USED 6 FOR 50¢

SOUND POWERED HEADPHONE IN PLASTIC CASE, NO CORD. #R5017 USED \$1.50

COILED CORD SETS


THREE CONDUCTOR
24" TO 72" 75¢
12" TO 36" 50¢

FOUR CONDUCTOR
12" TO 36" \$1.00


ONE CONDUCTOR
#18 6 FT. - 18 FT. \$1.00

MC-385 HIGH to LOW ADAPTER

IMPEDANCE FOR HEADSET 4000-6000 OHM USED \$.50 NEW \$.75



R-15 PHONE ELEMENT 6000 OHM W/RUBBER CUSHION F/2" HEADBAND MTG. \$1.25




PHONE ELEMENT F/TS-9K HANDSET 250 OHM, 2 1/2" DIA W/ CLIPS. K.S #838 \$1.00




CANADIAN PHONE ELEMENT 100 OHM 1 1/2" DIA. FOR 2" HEADBAND. #C-3 10A/36988 \$.75



PHONE ELEMENT F/TS-13, H-23 ET HANDSET, TYPE 41 3500 OHM. AUTO. ELEC. D-5189A \$1.00



CANADIAN LIGHTWEIGHT HANDSET NO CORD PHONE 300 OHM #ITE NO1 MK-11 YA-7225 \$3.95



CANADIAN MICROPHONE W/ SWITCH & CORD FOR ABOVE PHONE, MAGNETIC 300 OHM. #10A/1257L \$1.25



STANDARD TYPE TELEPHONE HANDSET & BELL RINGERS CAN BE USED AND ANY COMMERCIAL TELEPHONE LINE OR PAGES ON THIS PAGE. PRICE: \$6.95 EX-CONDITION




STANDARD TELEPHONE HANDSET & CORD PRICE: \$4.95 EX-CONDITION



STANDARD TELEPHONE HANDSET & CORD PRICE: \$4.95 EX-CONDITION



HANDSET HOLDER FOR HORIZONTAL MOUNTING. SIZE 1 1/2 x 3 1/2 #6988 \$.50




TELEPHONE BELL FOR MAGNETO GENERATORS. #12x3 # MC-131 \$1.50



TELEPHONE BELL FOR MAGNETO GENERATORS. #12x3 # MC-131 \$1.50




T-24/M CARBON MICROPHONE WITH PUSH TO TALK BUTTON AND MODIFIED WITH 4 FT. COILED CORD & PL-68 PLUG. WT: 1/2 LB. PRICE: NEW \$4.95



T-26 CARBON MICROPHONE F-1 TYPE ELEMENT MOUNTED ON PLATE 2x4" WITH 4" ADJUSTABLE BOOM & PL-292 PLUG TO FIT CD-318 CORD. PRICE: \$1.50




TELEGRAPH KEY & PLUG STEEL COVER BRASS CONTACTS WITH 4 FOOT CORD & PL-55 PLUG. WT: 2 LBS. #ZA/CAN 2320 \$1.50



PL-55 JACK TO PL-55 PLUG, 3 FOOT CORD W/ RECEPTACLE FOR PL-55 PLUG, EXTENSION FOR 2 CIRCUIT PHONE HEADSET OR CORD. #R16-G34820 NEW \$1.00



J-37 TELEGRAPH KEY MOUNTED ON BOARD W/ BRASS ADJUSTMENTS AND CORD. NO PLUG. P/O GSC- CODE SET. PRICE: USED \$1.25



PUSH BUTTON & CALL SIGNAL LIGHT SAME SIZE AS TELEPHONE DIAL. MAKE OWN INTERCOM. \$.39 EA. 3/\$1.00

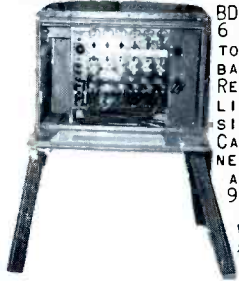
TELEPHONE BELLS USE AS EXTENSION IN SHOP ETC. 2 LB. 4x4 1/2 x 1 483661A \$1.50

TELEPHONE EQUIPMENT



EE-8 FIELD TELEPHONE, PORTABLE HAND RINGING TYPE. CAN BE USED WITH ANY MAGNETO TYPE SYSTEM SWITCHBOARD AS BD-71, 72, 89, 91, 96 ETC. OPERATES FROM 2 FLASHLIGHT BATTERY UP 17 MILES, TWO OR MORE PHONES CAN BE OPERATED ON TWO WIRE LINE. WITH CARRING CASE, STRAP & HANDSET.

SIZE: 8x10x3 1/2; WT: 18 LBS.
USED CHECKED LESS BATT. \$14.95



BD-71 SWITCHBOARD, PORTABLE 6 LINE HAND RINGING MAGNETO TYPE USING FLASHLIGHT BATTERIES FOR OPERATION. REPEATING COILS ON TWO LINES FOR SIMPLEXING, DROP SIGNAL AND NIGHT CALL BELL CAN BE USED WITH ANY MAGNETO TYPE TELEPHONES SUCH AS EE-8, RM-29, BD-72, 89, 91, 96 ETC. IDEAL FOR FACTORY, CAMP, FARM, MOTEL. WITH CHESTSET MICROPHONE & HEADSET. LESS BATTERIES
SIZE: 18x12 1/2x14; WT: 75 LBS.
USED RE-NEW
\$9.95 \$14.95



BD-89 SWITCHBOARD, SINGLE POSITION, TWO PANEL NON-MULTIPLE, MANUALLY OPERATED TELEPHONE SWITCHBOARD. MAGNETO & COMMON BATTERY LINES. 20 MAGNETO, 40 CB, 4 TWO WAY MANUAL, DIAL DROP END TRUNK CKT, 5 CONFERENCE JACKS, 3 OUTGOING CKT., 2 THRU-LINE & 13 UNIVERSAL CORD CKT. WITH CHEST MICROPHONE & HEADSET.
SIZE: 52x22x31; WT: 300 LBS.
USED \$59.50

WD-1/TT INFANTRY FIELD WIRE; 2 COND. TWISTED PAIR 4 TINNED COPPER, 3 GALV. STEEL, NYLON JACKET WEATHER MOISTURE & FUNGUS RESIS. APPROX. 1200 FT. ON METAL SPOOL \$15.00; APPROX 1 MILE ON METAL SPOOL 4 LENGTH OF APPROX 1250 FT. \$40.00; COND. USED GOOD WD-7 COPPER WELD FIELD TELEPHONE WIRE; 2 COND. TWISTED PAIR EACH COND. 7 STRAND #28 COPPER WELD. NEW MANUFACTURE. \$.03 PER FT. 1000 FT. OR MORE \$.025 PER FOOT.



BD-95 SWITCHBOARD: CORDLESS LOCAL BATTERY UNIT EQUIPPED WITH LINE LAMP SUPERVISION AND DESIGNED FOR SWITCHING LOCAL BATTERY LINES MAGNETO TYPE, MAY BE MODIFIED FOR COMMON BATTERY LINES ALSO CAN BE USED WITH OTHER TRUNK, TIE LINE LOCAL BATTERY SWITCHBOARDS.
RE-NEW
SIZE: 22x14x14; WT: 250 LBS. PRICE: \$24.95



MX-333/GG TAPE PULLER USED WITH CODE PRACTICE TO REEL 3/8" PAPER TAPE AS THE TAPE IS PASSED THROUGH THE RECORDER; HAS CONSTANT SPEED 110 VOLT 60 CYCLE INDUCTION MOTOR WITH VARIABLE SPEED FRICTION DRIVE ARRANGEMENT. UNIT COMES IN A WOOD CARRING BOX 10x10x15 WITH A CARRING HANDLE. WT: 27 LBS.
PRICE, RE-NEW \$12.95



TG-10 KEYSER IS A AUTOMATIC UNIT FOR PROVIDING AUDIBLE CODE PRACTICE SIGNALS FROM AN INKED TAPE RECORDING. THE OUTPUT OF THE KEYSER IS AN AUDIO FREQ. NOTE OF 800 CYCLES PER SEC. WITH SUFFICIENT POWER TO SUPPLY A NUMBER OF HEADSETS OR PRACTICE TABLES DIRECT CAN ALSO BE USED AS A TELEGRAPH KEY AMPLIFIER OR TAPE PULLER FOR A RECORDER. OPERATES FROM 115 VOLT 60 CYCLE. COMPLETE WITH TUBES; 2/6N7, 2/6L6, 2/6S7, 1/5U4 & 1/923.
SIZE: 24x11x18; WT: 63 LBS.
PRICE: USED CHECKED \$19.95 NOT CHECKED \$14.95



VO-3 OSCILLATOR IS AN ELECT-AUDIO TONE GENERATOR WITH A 10 WATTS OF POWER OUTPUT AT A FREQ. OF 800 CYCLES PER SEC. COND. THIS POWER IS ADEQUATE FOR SUPPLYING TONE TO 200 HEADSETS THAT CAN BE KEYSER BY THE INSTRUCTOR OR STUDENTS AND FEED INTO A SPEAKER OR RECORDER. OPERATES FROM 115 VOLT 60 CYCLE, COMPLETE WITH TUBES 1/6SN7, 1/5U4 & 2/6V6GT, OUTPUT 4, 8, 12 & 16 OHMS. SIZE: 12 1/2x10 1/2x7 1/2; WT: 24 LBS.
PRICE: \$12.95 USED

GAS ENGINE

GENERATOR



COMPACT, LIGHTWEIGHT, PORTABLE ELECTRIC GENERATING SET CONSISTING OF A 1 HP, 3000 RPM 1 CYLINDER, AIR COOLED, 2 CYCLE, MANUAL ROPE STARTING GASOLINE ENGINE DIRECTLY CONNECTED TO A DC, SHUNT WOUND, SELF EXCITED, FOUR POLE GENERATOR CONTAINED IN A FRAME OF TUBULAR CONSTRUCTION MOUNTED ON A RUBBER SHOCK MOUNTING. GENERATOR OUTPUT IS 6.2/7 VDC 3.5 AMP. AND 500 VDC 230/250 MA. UNIT HAS JUNCTION BOX FOR CONNECTING CABLES FOR USE WITH RADIO SETS SCR-694/BC-1306, AN/GRC-9/RT-77 AND IS APPLICABLE TO OTHER EQUIPMENT. COMPLETE WITH TOOL AND INSTRUCTION BOOK. SIZE: 17 1/2x16 1/2x11; WT: 57 1/2 SHPG. WT: 125 LBS. NEW \$39.95



R-438C/ARW-26AY DRONE RECEIVER FREQUENCY RANGE 57 TO 76 MC WITH CHOICE OF FIVE DIFFERENT TONE CIRCUITS THAT OPERATE 5 SERVO CIRCUITS WHICH ARE CONTROLLED BY MICRO RELAYS IN INDIVIDUAL LC CIRCUITS. TONE FREQ. 300, 650 955, 1390 & 1250 KC. COMPLETE WITH TUBES 1/12AU7, 2/6AK6, 1/0A2, 28 VDC VIBRATOR SUPPLY. PHOTO SHOWS SEALED COVER RE-MOVED. SIZE: 5 1/2x8; WT: 8LB. NEW \$9.95



CN-359/GPA-23 REGULATOR VOLTAGE. 120/208 VOLTS 60 CYCLE, 3 PHASE, 27 KVA. MOTOR DRIVEN POWERSTAT ELECTRONICALLY CONTROLLED. THREE SEPARATE SYSTEMS THAT WILL GIVE CONTROL, 3 PHASE IN, 3 PHASE OUT OR 3 PHASE IN, SINGLE PHASE OUT OR CAN BE DISMANTLED AND HAVE THREE SEPARATE SINGLE PHASE IN AND SINGLE PHASE OUT. CONSISTS OF 3 MOTORIZED POWERSTAT TRANSFORMERS 3 LOW VOLTAGE TRANS. 3 ELECTRONIC CONTROL CHASSIS, SWITCHES, FUSES, METER ETC. USED CHECKED
SIZE: 27x31x26; WT. SHPG. 420 LB. \$175.00

COMPUTER

CONTROL

CP-53/APC-31 COMPUTER AZIMUTH CONTROL UNIT. CONTAINS A GYRO UNIT, 5 SYNCHRO 1 1/2" TYPE 400 CYCLE, 2 SPERRY DC SERVO MOTORS R5663916, RELAYS, TERMINAL STRIPS, SEVERAL SIZES OF GEARS, RESISTORS, CONDENSERS, TWO SERVO AMPLIFIERS #673097 (PLUG IN TYPE) WITH 6 TUBES, AND HEATING ELEMENT. ALSO 115 V. 400 CYC. 1 1/2" ELAPSED TIME INDICATOR. SIZE: 11x9x15 1/2; WT: 18 LB. \$7.95



MODULATOR

GENERAL ELECTRIC MODULATOR NO. 4UX10C1. TELEPHONE-TELEGRAPH TYPE UNIT FOR RACK MOUNTING, DUAL CHANNEL OPERATION USING 12AT7, 12AV7 AND 12AT7 EA. CHAN. FEEDING 12AV7, SEVEN TUBES IN ALL. TWO TRANS. 600 OHM CT. PRI. 250K OHM SEC. SIZE 1 1/2x1 1/2x2, TWO RELAYS DPDT AUTOMATIC #7772962-33, FOUR S0-239 COAXIAL CONNECTORS FOR TIMER AND VIDEO. SEVEN VARIABLE CONTROLS AND 6 TEST JACKS. SIZE: 19 1/2x7x7; WT: 15 LBS. UNUSED \$7.95



RT-7/APN-1 RADIO AIRCRAFT ALTITUDE RECEIVER-TRANSMITTER FM 418-462 MC. INDICATES ON INSTRUMENTS 1D-14/APN-1 & SA-1/ARN-1 SHOWN ELSEWHERE IN THIS CATALOG. WITH TUBES 3/12SJ7, 4/12SH7, 2/12H6, 2/955, 2/9004 & 1/VR-105 ALSO 24VDC DYNAMOTOR THAT SUPPLIES THE HIGH VOLTAGE. SIZE: 8x18 1/2x8 1/2; WT: 25 LBS. PRICE: USED \$6.95
MT-14 MOUNTING FOR RT-7/APN-1 \$2.75
1D-14/APN-1 RADIO ALTITUDE METER 1.50
SA-1/ARN-1 ALTITUDE LIMIT SWITCH 1.50
AT-4/APN D1-POLE ANTENNA USED CRACKED IN2.95
CONNECTOR PLUGS TO FIT R/T-IND-METER EA. 1.50

U.H.F. TUNERS

ULTRA HIGH FREQUENCY ASSY. TUNING UNIT USING 2C39 TUBE AS DRIVER AND A 2C39 AS A POWER AMPLIFIER, FREQ. OUTPUT 225-350 MC. 6F4 TUBE USED AS OSCILLATOR 112-175 AND 6F4 DOUBLER CIRCUIT. TUNED CIRCUITS ARE GANGED FOR SINGLE KNOB CONTROL ALSO HAS HAYDON 4.5 V. 75 MA. 12 RPM TIMER MOTOR. REMOVED FROM ARC-12 EQUIPMENT. SIZE: 10x6 1/2x4; WT: 7 LBS. #KS-10362
PRICE: LESS TUBES \$3.95



ULTRA HIGH FREQUENCY TUNER; CONSISTS OF RECEIVER R.F. AMPLIFIER, MIXER AND H.F. OSCILLATOR, 225 TO 350 MC. OUTPUT TO I.F. 15.1, USES 6/6AK5 AND 1/6AS6 TUBES. ALSO CRYSTAL BETWEEN 13 AND 41.5 MC. VARIABLE CONDENSERS 1/4 GANG 4-24 MMFD. PER SEC. OTHER 4 GANG 3 SEC. 4-25 MMFD. 1 SEC. 5-41 MMFD. SINGLE DIAL CONTROL. RE-MOVED FROM ARC-12 EQUIP. SIZE: 8 1/2x5x3; 4LB. #KS-10329 LESS TUBES
PRICE: \$1.95

TELETYPE PAPER

TELETYPE PAPER 8 1/2 INCHES WIDE 4 1/2 INCH DIAMETER THREE SHEETS OF PAPER 2 SHEETS CARBON, 4 LBS. PRICES: EACH ROLL 50¢; 12 ROLLS \$5.00

TELETYPE PAPER TAPE 11/16" WIDE APPROX. 900 FT. OILED, 10 ROLLS \$2.50



CP-15/ASG-10 COMPUTER MK-20 FOR USE WITH BOMB DIRECTOR MK-1. CONTROLS FOR SELECTION OF AIR SPEED IN KNOTS, TEMPERATURE & LANYARD, ROCKET CALIB. COARSE & FINE, BOMB MPI ADJUSTORS, 4 RELAYS, 2050 TUBE, & SPECIAL SELENIUM RESISTOR VALUE FINDER IN SEALED UNIT. 28 VDC DYNAMOTOR SUPPLY VOLTAGE REGULATED WITH 2/20 50 & 1/VR-150 TUBES OUTPUT OF 285 VDC 75 MA. PLUS COND. RELAYS ETC. SIZE: 14x10x8; WT: 30 PRICE: UNUSED \$7.95



CP-103/APA-44 RANGE COMPUTER, PART OF A AIRCRAFT COMPUTER LANDING SYSTEM. WITH 2 MOTORS, 2 AUTOSYNS 2 MICROPOTS, SLIP RING, RELAYS, RECTIFIERS, PRECISION RESISTORS, 12 GRAIN OF WHEAT LAMPS, SPIN KNOBS, SWITCHES DIALS ETC
SIZE: 7 1/2x12 1/2x8; WT: 25 LBS. USED \$12.95

MAGNETIC AMPLIFIER

TRANSMITTER SUB-ASSY. FILAMENT CHASSIS, PART OF AN/ALT-8 COUNTERMEASURES SET. CONSISTS OF CK927 FULL WAVE RECTIFIER CK843 SILICON RECT., TWO CK846 SILICON RECT., MAGNETIC AMPLIFIER TRANS. FIL. TRANS. 115/400 CYC. SEC. 6.3/6A. MINIATUR POTTS. AND DPST RELAY ALL MOUNTED ON CHASSIS 7 1/2x3x3 1/2; WT: 3LBS. PART #2527-501-G1
PRICE: NEW \$1.95

TS-545 ECHO BOX; USED FOR CHECKING RADAR SETS IN THE FREQ. RANGE 1150 TO 1350 MC. TUNED CAVITY MANUAL TYPE METER 3 1/2" 0-100 DC MICRAMPERES. SIZE: 16x9x9; WT: 23 LBS. USED \$39.50



TS-270 ECHO BOX; SIMILAR TO ABOVE ONLY FREQ. 2630 TO 2970 MC.
PRICE: USED \$39.95

TG-34A KEYSER:

CODE PRACTICE SET USED TO REPRODUCE SIGNALS PREVIOUSLY RECORDED ON INKED PAPER TAPES. VARIABLE SPEED MOTOR, KEYSER OSCILLATOR WITH SPEAKER AND PHONE JACK. OPERATES FROM 115/230 50/60 CYC. HOUSED IN PORTABLE CARRING CASE. SIZE 15x10x10; WT: 40 LBS.
PRICE: RE-NEW, CHECKED \$24.95



BLANK PAPER TAPE FOR TG-34 & TG-10 3/8" WIDE 800 FT. LONG, APPROX. 8" REEL. PRICE: 5 REELS FOR \$1.25

INVERTERS



INVERTER AN-3515-1
 INPUT: 27.5 VDC 150 AMP.
 OUTPUT: 115 VAC 2500 VA
 400 CYC 1 PHASE
 SIZE: 15 x 11 1/2 x 8 WT 58 LBS.
 JACK & HEINTZ F-46-2
 USED \$39.50

INVERTER AN-3515-1
 INPUT: 27.5 VDC 100 AMPS.
 OUTPUT: 115 V 400 CYCLE
 1 PHASE 1500 VA.
 SIZE: 14x10x7; WT: 50 LBS.
 PRICE: RE-NEW \$45.00



MG-149F INVERTER
 INPUT: 24 VDC 36 A. 750VA
 OUTPUT: 115 V 400 CYCLE
 1 PHASE 500 VA & 26 V 400
 CYCLE 1 PHASE 250 VA.
 SIZE: 12x8x8; WT: 25 LBS.
 PRICE: USED \$24.95

MG-153 INVERTER
 INPUT: 24 VDC 52A 1000 VA
 OUTPUT: 115 V 400 CYCLE
 3 PHASE 750 VA & 26 V 400
 CYCLE 1 PHASE 250 VA.
 SIZE: 12x8x8; WT: 28 LBS.
 PRICE: USED \$24.95

PE-104 POWER CONVERTER
 6 OR 12 VDC
 INPUT, OUTPUT
 90 VDC, 1 1/2 VDC AND -45 VDC
 SIZE: 4x4x7; WT: 10 LBS.
 NEW \$3.95 W/EXTRA VIB. \$4.95

TRANSFORMER FOR TRANSISTORIZED POWER SUPPLY.
 FROM 12 VDC INPUT OUTPUT 450 VDC 200 MA. HAS IRON CORE FEED-BACK WINDING (1000 CYCLE) CIRCUIT DIAGRAM FURNISHED. SIZE: 2 1/2 x 2 1/2 x 2 1/2; WT: 2 LBS. #150-95 \$3.95



RA-62 AC POWER SUPPLY
 Power Supply used with SCR-522 Transmitter-Receiver supplies all the necessary voltages.
 INPUT: 115/230 60 cycle
 OUTPUT: 300 VDC 230 MA.
 -150 VDC 8 MA.
 13 VDC 3.9 AMPS.
 Completely fused & filtered.
 Size 16 x 11 x 11 Wt. 75 lbs.
 PRICE: USED CHECKED \$59.50



G-24 AC & DC GENERATOR
 OUTPUT
 115 VAC 800 CYCLE 10.5 A.
 28 VDC 60 AMP. @ 2400 RPM.
 SPLINE SHAFT SIZE 7/8x1 1/2
 SIZE: 6 1/2 x 7 1/2 x 13; WT: 45 LBS.
 RE-COND. \$19.95



D.C AIRCRAFT MOTOR
 GE# 58A50LJ29- HP .4
 RPM 3000 ARM.V 60 FLD.V 27
 AMPS. FLD. 2.3, ARM. 6.5
 DUTY 10 MIN. INT. AT FULL
 RATING.
 SHAFT, CORK SCREW 5/8" DIA.
 FLANGE MTG. 3/8 IN CNTS.
 SIZE 6 1/2" LESS SHAFT 4 1/2 x 4 1/2
 WT: 11 LBS. UNUSED \$4.95



AIRCRAFT MOTOR
 MAXSON MODEL 118 H.P. 1
 RPM 5800; 24 VOLTS DC
 55 AMPS., SPLIT FIELD,
 REVERSIBLE SHUNT, DOUBLE
 END SHAFTS WITH GEAR 1 1/4"
 1/3-8" FLANGE MTG. 3/4" CT.
 SIZE: 6 1/2 x 4 1/2 x 4 1/2; WT: 15 LBS.
 UNUSED \$4.95

ELECT. ENG. MFG.
 TYPE C-368, 26VDC
 35 AMPS. 600 WAT
 1/2 HP, APP. 3000
 RPM, VERT. KEVED
 SHAFT 1/2" DIA. 3/16 SLOT.
 FL. MTG. 3/4 CT. 7" LG. \$4.95

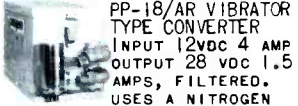
INVERTER
 INPUT 27.5VDC 60A
 OUTPUT 115 V 400 CY
 750 W 3 PHASE
 26 V 400 CY
 50 W 1 PHASE
 SIZE 11x10x6; WT: 40 LBS.
 LELAND#10285 USED \$34.95

INVERTER
 INPUT 27VDC 22A
 OUTPUT 115V 400 CY
 3 PH 250 VA
 SIZE 9x6x4; WT: 15 LBS.
 ECLIPSE#E-1617-1 USED \$14.95

VIBRATOR POWER SUPPLY
 TWO 6 VOLT SUPPLIES ON A
 COMMON CHASSIS USING OZ4
 RECTIFIER TUBES, OUTPUT 540
 VDC @ 150 MA. CAN BE TAPPED
 AT 270 VDC 150 MA.
 SIZE: 9x6x5; WT: 10 LBS.
 STK#3H6694-5 UNUSED \$9.95



MINI VIBRATOR SUPPLY
 PP-855/PRC-14, AIRPAX No.
 A-1063, VIBRATOR TYPE WITH
 FILTER NETWORK, INPUT 6VDC
 5.35 AMPS. OUTPUT 135 VDC
 155 MA. VIBRATOR MOUNTS
 OF UNIT. 7 1/2 x 2 1/2 x 2 1/2; WT: 3 LBS
 NEW \$4.95



PP-18/AR VIBRATOR TYPE CONVERTER
 INPUT 12VDC 4 AMP
 OUTPUT 28 VDC 1.5
 AMPS, FILTERED.
 USES A NITROGEN
 SEALED VIBRATOR. USED TO OP
 ERATE 28 VOLT EQUIPMENT FRO
 12 VOLTS. TWO OR MORE CAN
 BE WIRED IN PARALLEL TO OBT
 AIN A HIGHER CURRENT OUTP
 UT. WITH PLUGS, MTG & SPARI
 VIBRATOR. 6 1/2 x 5 1/2 x 8 1/2; WT: 9 LBS.
 NEW \$7.95 USED \$4.95

FT-498 SHOCK MOUNTING WITH FOUR 10 LB. RUBBER MOUNTS ON A ALUMINUM PLATE 13x8x1 1/2; WT: 2 LBS. PRICE: \$1.00

VOLTAGE REGULATOR
 INPUT 21-30 V.D.C
 5 AMPS. REGULATION
 18-30 vdc @ 45H281
 SIZE: 4x3; 3LBS.
 \$1.50

PJ GENERATOR
 OUTPUT: 28 VDC 200 AMPS.
 2500 TO 6000 RPM.
 SPLINED SHAFT 7/8 x 1 1/2;
 SIZE 6x8x14 1/2; WT: 48 LBS.
 PRICE: USED \$19.95

MG-253 MOTOR GENERATOR
 115 VOLT D.C
 2.4 AMP. INPUT, OUTPUT
 115 VOLT 400
 CYCLE 1.22A.
 SIZE: 15x12x8
 WT: 83 LBS.
 UNUSED \$25

5D21N3A INVERTER
 INPUT: 27 VDC 35 AMPS.
 OUTPUT: 115 VAC 400 CYCLE
 1 PHASE 2.17 AMPS.
 SIZE: 9x6 1/2 x 5 1/2; WT: 25 LBS.
 USED \$16.95 UNUSED \$24.95

GENERATOR GARN-211219C
 OUTPUT: 12.5 VDC 4 AMPS.
 240 VDC 100 MA.
 INPUT DRIVE: 3/16 HP.
 OUTPUT 3450 RPM.
 SHAFT SIZE: 3/8 x 1 1/2
 MOTOR SIZE: 5 x 6 x 9 WT. 25 LBS.
 Used: \$4.95 New \$6.95

1100 VDC 400 MA
 INPUT: 24/28V 27
 OUTPUT: 1100 VDC
 400 MA.
 SIZE: 10 1/2 x 6 1/2; WT: 30 LBS.
 TYPE SUI25 UNUSED \$16.95

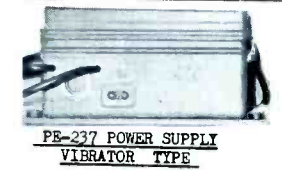
SOLID INVERTER
SOLID STATE SUPPLY
 12 VDC
 INPUT 12 VDC @ 1 AMP.
 OUTPUT 26 V 400 CYCLE 26 W
 DESIGNED FOR REMOTE READING
 MAGNESYN COMPASS SYSTEM.
 SIZE: 5x2x1 1/2; WT: 1 LB.
 #WS-957 NEW MANUFACT. \$15.00

6 VOLT
CARTER MAGMOTOR DYNAMOTOR
 INPUT: 6 VDC 3.6 AMPS.
 OUTPUT: 250 " 30 MA.
 SIZE: 3 1/2 x 5 x 3; WT: 6 LBS.
 UNUSED-RE-MOVED \$4.95

INVERTER
800-1-A
 WT. 35 lbs.
 Size 4 1/2 x 8 x 12

INVERTER
800-1-A
 WT. 35 lbs.
 Size 4 1/2 x 8 x 12

INPUT: 24 VDC 75 AMPS.
 OUTPUT: 115 VAC 800 CYCLE
 1 Phase 10.5 AMPS.
 USED \$12.95



PE-237 POWER SUPPLY VIBRATOR TYPE
 INPUT: 6 VDC 27 AMPS.
 12 VDC 13.2 " 7
 24 VDC 7 " 7
 OUTPUT: 525 VDC 90 MA.
 105 VDC 42 MA.
 6.5 VDC 2 AMPS.
 6 VDC 500 MA.
 1.3 VDC 450 MA.
 130 VDC 17 MA.
 With tubes & vibrator.
 Size 10 x 10 x 17 Wt. 70 lbs.
 USED \$14.95 RE-NEW \$19.95



CARTER GENEMOTOR
 MOTOROLA#259K1003
 INPUT: 26.1 VDC 7 AMPS
 OUTPUT: 405 VDC 270 MA.
 SIZE: 7x4x5; WT: 12 LBS.
 USED \$2.95 NEW \$3.95



PE-120 Power Supply
 INPUT: 6 VDC 4.5 AP.
 12 VDC 2.5 AMP.
 24 VDC 1.5 AMP.
 OUTPUT: 145 VDC 75 MA.
 90 VDC 40 MA.
 1.5 VDC .75 AMP.
 Vibrator type voltage regulated complete with tubes OB-3/VR-105, 1005 & Ballast. Also vibrator for 12 VDC.
 Size 4 1/2 x 13 1/2 x 15 1/2 WT. 29 lbs
 RE-NEW \$7.95



VRC-2 DYNAMOTOR
 INPUT: 5.5 VDC 31 AMPS
 OUTPUT: 600 VDC 175 MA
 SIZE 7 x 4 1/2 x 4 1/2 WT: 8 LBS
 STK. # 3H1514-5
 PRICE RE-NEW \$7.95

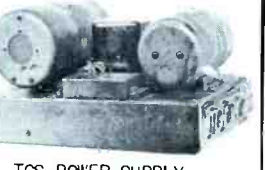


PE-49 GASOLINE ENGINE GENERATOR
 GENERATOR OUTPUT 1000 VDC
 350 MA & 14.6 VDC 25 AMPS.
 ENGINE: 1 CYCL. 4 CYCLE
 APPROX. 3 HP
 SIZE: 36x20x25; WT: 275 LBS.
 PRICE: \$75.00



Size: 5 x 8 x 12 Wt. 35 lbs.
PE-98 DYNAMOTOR
 INPUT: 14 VDC 21 AMPS.
 OUTPUT: 300 VDC 260 MA.
 150 VDC 10 MA.
 USED \$5.95 UNUSED \$9.95

PE-94 DYNAMOTOR
 INPUT: 28 VDC 10.5 AMPS.
 OUTPUT: 300 VDC 260 MA.
 150 VDC 10 MA.
 14.5 VDC 5 AMPS.
 Used \$4.95



TCS POWER SUPPLY
 COLLINS 21881
 INPUT: 12 VDC 14.5 AMP.
 OUTPUT: 400 VDC 200 MA.
 225 VDC 100 MA.
 Size: 7 1/2 x 7 x 13 WT. 28 lbs.
 GOV'T RECORD. \$14.95



DY-17 USED \$12.95
 INPUT: 27 VDC 32 AMPS.
 OUTPUT: 400 VDC 750 MA.
 750 " 350 "
 SIZE: 6 1/2 x 8 x 12; WT: 30 LBS.
DY-12 WINCHARGER, WRITE AS TO AVAILABILITY AND PRICE.

VIBRATOR PACK
VIBRATOR
 PACK 12 VDC
 MALLORY#369
 OUTPUT 275
 VDC @ 80 MA
 SELF-RECTIFY
 SIZE: 5 1/2 x 6 x 3
 WT: 7 LBS.
 Used \$4.95

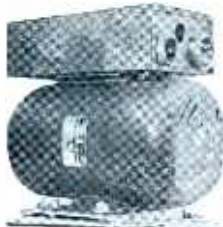
MALLORY VIBRATOR PACK 12 VDC @ 3 AMPS. OUTPUT 300 VDC @ 100 MA. #12B300C OZ4 RECTIFIER TUBE. 10 LBS SIZE: 6 1/2 x 4 x 4 1/2; USED \$5.95

TBY VIBRATOR PACK CLG20144
 INPUT 4 VDC @ 2.5 AMP.
 OUTPUT 156V @ 35MA. 1.5V @ 190MA. -7.5V @ 30MA. (USED)
 SIZE: 6 1/2 x 4 x 3 1/2; 8 LBS. \$4.95



DY-9B/ARC DYNAMOTOR
 INPUT VOLTS AMPS. OUTPUT VOLTS AMPS.
 26 4.3 360 CONT. 135
 26 7.8 310 INT. 355
 SIZE: 9x5x3 1/2; WT: 10 LBS.
 RE-MOVED F/EQUIP. \$9.95

DYNAMOTORS



Size 6½ x 10 x 11 WT. 38 Lbs.
With fuses and starting relay.

ED-77 DYNAMOTOR

INPUT: 14 VDC 39 AMPS.
OUTPUT: 1000 VDC 350 MA.

PE-73 DYNAMOTOR

INPUT: 28 VDC 19 AMPS.
OUTPUT: 1000 VDC 350 MA.

DM-42 DYNAMOTOR



USED
\$4.95

INPUT: 12 VDC 39 AMPS.
OUTPUT: 515 VDC 215 MA.
" 1030 " 260 MA.
SIZE: 7x7x11 WT: 38 LBS.



DYNAMOTOR ONLY

INPUT: 27 VDC 32 AMP.
OUTPUT: 400 VDC 750 MA
750 " 350 "
SIZE: 11x5; WT: 17 LBS.
DY-17/ART-13 UNUSED \$9.95
DY-12/ " " \$14.95



PE-98
PE-94
DYNAMOTORS
ONLY

PE-98 DYNAMOTOR ONLY
INPUT: 14 VDC 21 AMPS.
OUTPUT: 300 VDC 260 MA
-150 VDC 10 MA
SIZE: 12x5x5; WT: 26 LBS.
UNUSED \$5.95

PE-94 DYNAMOTOR ONLY
INPUT: 28 VDC 10.5 AMPS
OUTPUT: 300 VDC 260 MA
-150 VDC 10 MA
14.5 " 5 AMPS
SIZE: 12x5x5; WT: 26 LBS.
UNUSED \$4.95



DA-19A DYNAMOTOR

INPUT: 28 vdc 11 AMPS.
OUTPUT: 400 " 400 MA.
SIZE: 7½x4½x4½; WT: 13 LBS
UNUSED \$4.95

BRUSH SETS



DM-21 DM-25 DM-28 DM-32
DM-33 DM-34 DM-35 DM-36
DM-37 DM-40 DM-41 DM-42
DM-43 DM-45 DM-53
BD-83 BD-93 BD-77
PE-73 PE-86
DA-12 DA-14 DA-1A
DY-21 DY-22
SP-125 35x032

OTHER TYPES ALSO AVAILABLE
SET OF FOUR BRUSHES \$1.00



Size 3 x 3¼ x 4½, Wt. 3 lbs.

DM-32 DYNAMOTOR

INPUT: 28 VDC 1.1 AMPS.
OUTPUT: 250 VDC 60 MA.
Price: Used \$2.95 New \$4.95

TYPE 35 x 022
(Same as DM-32 only 12V)

INPUT: 14 VDC 2.4 AMPS.
OUTPUT: 250 VDC 60 MA.
Price: New \$4.95

DM-53 AZ DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 VDC 80 MA.
Price: NEW 7.95

DM-53 DYNAMOTOR

INPUT: 28 VDC 1.4 AMPS.
OUTPUT: 220 VDC 80 MA.
NEW \$6.95 USED \$3.95



Size 3 x 3 x 4½, Wt. 3 lbs.

DM-45 DYNAMOTOR

INPUT: 24 VDC 1.1 AMPS.
OUTPUT: 250 VDC 50 MA.
Price: Used \$2.95 New \$4.95

DM-25 DYNAMOTOR

INPUT: 12 VDC 2.2 AMPS.
OUTPUT: 250 VDC 50 MA.
Price: Used \$2.95 New \$4.95



WEST 12B534 DYNAMOTOR

INPUT: 24 VDC 1.75 AMPS.
OUTPUT: 300 VDC 70 MA.
Price: Used \$2.95 New \$4.95

Size 3 x 3 x 4½, Wt. 3 lbs.
Dynamotors listed below
same size only less base.

DM-6736 DYNAMOTOR

INPUT: 28 VDC 1.1 AMPS.
OUTPUT: 250 VDC 60 MA.
Used \$1.95 Unused \$3.95

DMX-310A DYNAMOTOR

INPUT: 12 VDC 2.8 AMPS.
OUTPUT: 150 VDC 100 MA.
Used \$2.95 Unused \$4.95

TYPE 5047 DYNAMOTOR

INPUT: 27 VDC 1.75 AMPS.
OUTPUT: 285 VDC 75 MA.
Used \$3.95 Unused \$5.95

RADIO NOISE
FILTER 100
AMPS.50 VDC
GE#1C202
SIZE 4x4x2
PRICE: \$.50



Size 3 x 4½ x 6½, Wt. 5 lbs.

DM-14 DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 VDC 80 MA.
Used \$2.95 Unused \$4.95

DM-36 DYNAMOTOR

INPUT: 28 VDC 1.4 AMPS.
OUTPUT: 220 VDC 80 MA.
Used \$2.95 Unused \$4.95



Size 3¼ x 5 x 5½, Wt. 3½ lbs.

PE-86 DYNAMOTOR

INPUT: 28 VDC 1.25 AMPS.
OUTPUT: 250 VDC 60 MA.
PRICE: Used \$2.95 New \$4.95



Size 3½ x 5 x 6½, Wt. 5½ lbs.

DM-28 DYNAMOTOR

INPUT: 27.9 VDC 1.25 AMP
OUTPUT: 220 VDC 70 MA
PRICE: USED \$6.95



INPUT: 12 VDC 9.9 AMP.
OUTPUT: 400 " 180 MA.
SIZE: 4x4½x7; WT: 10 LBS.
PRICE: UNUSED \$6.95

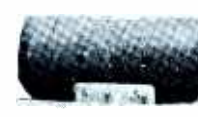
WITH BASE

INPUT: 14/28 VDC 3.3/1.6 A
OUTPUT: 230 VDC 100 MA.
SIZE: 3½x3½x6; WT: 6 LBS.
UNUSED \$6.95



DM-21 DYNAMOTOR

INPUT: 14 VDC 3.3 AMP.
OUTPUT: 235 VDC 90 MA.
SIZE: 6x5x3; WT: 8½ LBS.
PRICE: USED \$7.95



DY-21 DYNAMOTOR

INPUT: 27 VDC 7 A
OUTPUT: 410 " 325 MA.
SIZE: 7½x3x3½; WT: 8½ LB
PRICE: USED \$7.95



Size 4½ x 5½ x 6½, Wt. 10½ lbs.

ED-83 DYNAMOTOR

INPUT: 14 VDC 6.5 AMPS.
OUTPUT: 375 VDC 150 MA.
UNUSED \$7.95

CW21441 DYNAMOTOR

INPUT: 28 VDC 2.9 AMP
OUTPUT: 330 " 135 MA
NEW \$3.95

DM-416 DYNAMOTOR

INPUT: 28 VDC 3.1 AMPS.
OUTPUT: 330 VDC 470 MA.
Used \$1.95 Unused \$3.95

ED-93 DYNAMOTOR

INPUT: 28 VDC 3.2 AMPS.
OUTPUT: 375 VDC 150 MA.
Used \$2.95 Unused \$4.95



Size 4 x 7 x 6½, Wt. 10½ lbs.

PE-133 DYNAMOTOR

INPUT: 12 VDC 2.3 AMPS.
OUTPUT: 230 VDC 90 MA.
Used \$4.95 Unused \$6.95



Size 5½ x 6 x 8½, Wt. 12½ lbs.

TYPE 377 DYNAMOTOR

INPUT: 14 VDC 8 AMPS.
OUTPUT: 425 VDC 163 MA.
Used \$6.95 Unused \$9.95



Size 5½ x 3½ x 7, Wt. 7 lbs.

DM-40 DYNAMOTOR

INPUT: 14 VDC 3.4 AMPS.
OUTPUT: 172 VDC 138 MA.
PRICE: USED \$3.95

INPUT: 13/26 vdc 12.5/6.3A
OUTPUT: 400 " 135 MA.
800 " 20 "
9 v 80 cyc 1.12 AMP.
SIZE: 14x4½x7; WT: 15 LBS.
PRICE: NEW \$7.95

CONNECTOR PLUG 1.50



Size 4½ x 4½ x 8½, Wt. 13 lbs.

DM-35 DYNAMOTOR

INPUT: 12.5 VDC 18.7 AMPS.
OUTPUT: 625 VDC 225 MA.

NOT AVAILABLE

DM-37 DYNAMOTOR

INPUT: 25.5 VDC 9.2 AMPS.
OUTPUT: 625 VDC 225 MA.
Unused \$4.95



BD-69 DYNAMOTOR
INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 " 80 MA.
SIZE: 6½x6x4½; WT: 10 LBS.
UNUSED \$3.95



CAY-21772 DYNAMOTOR
INPUT: 12 VDC 3 AMPS.
OUTPUT: 235 VDC 75 MA.
SIZE: 6x5x4 w/MTG. 7 LBS.
UNUSED \$4.95



INPUT: 28 VDC 1.6 AMP
OUTPUT: 230 VDC 100 MA
SIZE: 3½x3x5½; WT: 6 LBS.
UNUSED \$4.95



DM-22 DYNAMOTOR

INPUT: 28 VDC 5 AMPS.
OUTPUT: 575 VDC 160 MA.

NOT AVAILABLE

Size 3½ x 4 x 7½, Wt. 8½ lbs.

DY-22 DYNAMOTOR

INPUT: 28 VDC 1.8 AMPS.
OUTPUT: 210 VDC 125 MA.
Price: Used \$4.95

Size 3½x3½x6½; Wt. 5 lbs.



PE-101C




WINCO TYPE 41S6
DUAL OUTPUT
INPUT: 13 vdc 13 A.
OUTPUT: 300 vdc 225 MA
250 " 60 "
SIZE: 8½x4½x4; WT: 10 LB
PRICE: UNUSED \$7.95


AC-DC Motors

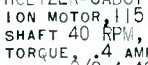
Hi-Speed


Gear Reductions


Blowers


 DELCO P.M. MOTOR 5067125 27.5 VDC 10,000 RPM w/GOVERNOR, SIZE: 3x1x1; SHAFT TAPERED 1/16 TO 3/16, THREADED END. PRICE: RE-MOVED \$3.95
GE5BA10AJ37A MOTOR 250 RPM 8 OZ. 1N.
 TORQUE .5 A. 27 VDC REVERSIBLE. SIZE 3x1 1/2, SHAFT SPLINED 2x3/8 \$3.95

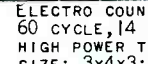
 DELCO PM MOTOR 5069600 250 RPM 27 VOLTS D.C. w/2x3/8" SPLINED SHAFT 8 IN. OZ. TORQUE, SIZE 4x1 1/2x1 1/2 WT: 8 OZ. PRICE: USED \$8.95
 DELCO PM MOTOR 5067126 125 RPM 3/4" SHAFT WITH SLOTTED ADAPTER O/W SAME AS ABOVE \$8.95
GE5BA10AJ80 MOTOR 110 RPM NOT PM SAME AS ABOVE \$5.95

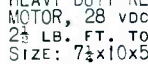
 HOLTZER-CABOT DUAL SPEED GEAR REDUCTION MOTOR, 115 V. 60 CYCLE, 1 PHASE, ONE SHAFT 40 RPM, OTHER 165 RPM 24 OZ. IN TORQUE, .4 AMP. MOTOR SIZE 4 1/2x4 1/2x5 1/2, SHAFT 3/8x4-40RPM, 1/8x3/8-165RPM. #RBS-3712 \$9.95

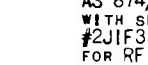
 RATCHET MOTOR, 24 VOLT DC 60 RPM CONTINUOUS ALSO 3 POSITION STOP. BAND SWITCH ASSEMBLY AS USED IN R-5/ARN-7 COMPASS RECEIVER. UNIT WILL ALSO OPERATE ON 18 TO 24 VDC. SIZE: 3x4x1 1/2; WT: 1 1/2 LBS. STK# 609-ARN-7 PRICE: \$1.25


 WESTINGHOUSE BUSINESS MACHINE MOTOR 25 MHP 115 VOLTS 50/60 CYCLE .5/4 AMPE TYPE FL 4.0/3.0 MFD. 1425/1725 RPM. SIZE: 4 1/2x4x4; WT: 5 LBS. SHAFT 5/16x2 1/2 FLATENED. FOR USE IN RUBBER SHOCK MOUNTING BRACKET PRICE: NEW \$4.95


 TELETYPE MOTOR AC; 110 VOLT 60 CYCLE 1 PHASE, NON-SYNCHRONOUS, 1/25 HP, 1800 RPM, 1.25 AMP.; DOUBLE SHAFT 1 1/2x3/16x5/8 x 3/16, MOTOR SIZE 5 1/2x5x5; WT: 13 LBS. GE#28478 USED \$4.95

 ELECTRO COUNTER & TIMER MOTOR, 115 VOLT 60 CYCLE, 14 RPM, USED TO TURN TUNERS, HIGH POWER TORQUE, INTERMITTENT OPERATION SIZE: 3x4x3; WT: 2 LBS. #A201752 \$1.50


 HEAVY DUTY REVERSIBLE GEAR-HEAD MOTOR, 28 VDC 8 AMP. 100-200 RPM 2 1/2 LB. FT. TORQUE, OSTER#KU-1L-1R SIZE: 7 1/2x10x5; SHAFT 7/16x3; 14 LB. PRICE: RE-MOVED F/EQ. \$7.95


 AS 874/APX ANTENN ROTOR WITH SELSYN GENERATOR GE #2J1F3. CENTER FEED THROUGH FOR RF CABLE TO ANTENNA. 28 VDC @ 4 AMPS. APPROX. 33 RPM NO LOAD. ROTOR HAS 4 INCH X 1/2 INCH DISK FOR MOUNTING ANTENNA TO ROTOR. 9 1/2x12x10 WT. 25 LBS. USED \$19.95


 PM MOTOR ASSEMBLY & GEAR TRAIN USED IN R-44 RECEIVER FOR REMOTE TUNING. CONTAINS DELCO PM MOTOR #5069370, 10,000 RPM ATTACHED TO A GEAR ASSY. THAT HAS TWO SHAFTS 80 RPM AND IS GEARED TO TWO SHAFTS WITH 3" & 1 1/2" GEARS THAT THAT TURN AT 40 & 80 RPM. ASSY SIZE 4 1/2x6x3; SHAFT SIZES 1/2 x 3/4 WT: 3 1/2 LBS. STK. #3H3100-15 PRICE: \$4.95

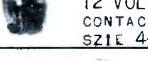
 GENERAL ELECTRIC 58A25DJ300 24 VDC @ 2 AMPS., 4500 RPM, REVERSIBLE, GOVERNOR CONTROL MAGNETIC BRAKE, FLANGE MOUNT, SIZE 2 1/2x5 1/2; WT: 3 LBS., SPLINED SHAFT 3/16x7/8 PRICE: \$2.95


 DELCO P.M. MOTOR #5069466, 27.5 VDC IN ALUMINUM CASE GEARED TO WORM GEAR MOTOR SIZE 1 1/2x1 1/2x2 1/2, 10,000 RPM. CASE SIZE 2 1/2x2 1/2x2 LESS MTG. SIZE. WORM GEAR 2000 RPM, WT: 2 LBS. STK# 3H3100A-1 PRICE: \$2.95


 John Oster type C 24A-1B - KS-5829-OT 27 VDC 17100 HP 7000 RPM DC Series Motor 2" D X 3" L. Shaft 1/4 X 1 Wt. 1 lb. Price \$.75

 6 VOLT DC MOTOR, REVERSIBLE 1/20 H.P. SHAFT 1/4 X 3/4, FRONT END MOUNTING STUDS. MOTOR SIZE 3 1/2x3; WT: 4 LBS. APP 3000 RPM G16VDC-R PRICE: \$1.25

 EMC TYPE 300, 45 V 60 CYC, 6 1/2 RPM LIGHT OPEN FRAME 5x2 1/2x1 1/2; SHAFT 3/16x1; 1 LB. \$1.50

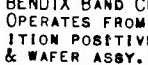
 12 VOLT D.C. MOTOR w/ MAKE & BREAK CONTACT, APPROX. 5000 RPM, 1/20HP SIZE 4 1/2x3; SHAFT 1" x 1/2; #FN01453 PRICE: \$1.95


 Delco 5069370 27 VDC Reversible PM Motor and Gear assm. in an Aluminum case. Output speed is 80 RPM through a friction clutch to a double shaft 1/2 X 3/4 on one side, 1/4 X 1 1/2 on the other. Size complete assm. 3 5/8 X 2 X 4 1/4 excluding shaft. Has built in noise filter system. Wt. 1 lb. 5 oz. Price..... \$ 4.95


 TG-10 KEYER MOTOR, 115 VOLT 60 CYCLE 1550 RPM, SHAFT 1-7/8", GEARED TO 80 RPM. SIZE: 3 1/2x3 1/2x4 1/2; WT: 3 LBS. #3H3000-3 REMOVED FROM TG-10 EQUIPMENT \$2.95


 MOTOR OPEN FRAME, 117 V. 60 CYC 500 RPM 1 DIRECTION, 1000 OTHER. SHAFT 1/16x2 1/2; 2x3x4; #B308 2LB \$1.


 MOTOR 24 VDC, 2800 RPM, 6.5 AMP. 1/10 HP. SHAFT 1/2x1, REVERSIBLE. 5x3x3; 6 LB. EMERSON 0412 \$3.95


 BENDIX BAND CHANGE MOTOR #AC56566-2 OPERATES FROM 28 VDC. THREE POSITION POSITIVE STOP. WITH SWITCHES & WAFER ASSY. SIZE: 6x3x2 WT: 1LB. PRICE: \$2.95


 WE KS-5871-LO1 MOTOR 28 VDC 3.3 A 5600 R.P.M. 1/25 H.P. SERIES WIND CONTINUOUS DUTY, REVERSIBLE, WITH SPEED GOVERNOR. (WILL ALSO OPERATE FROM 12 VDC AT REDUCED SPL SHAFT 1/2x1/2, MTR. 6 1/2x3 1/2; 5LB; U/U \$7.95


 Bendix LMI08J 24VDC 1/25 HP 15,000 RPM Series Motor. Geneva Loc. Actuator. Shaft rotates 1/2 revolution and stops and is locked in place until next contact is made then the cycle is repeated-time per cycle app. 3 seconds. Size 4 X 2 1/2 X 5 1/2. Shaft size 1/4 X 1/2. Wt. 1 lb. 14 oz. Price..... \$ 4.95

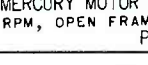
 General Electric 58A25MJ424 - Type BA 24 V @ 4.2A 7100 RPM 1/20 HP Flange mount Motor size 2 1/2" X 5". Shaft size 1/4 X 1 Wt. 3 1/2 lbs. Price..... \$1.95


 ELECTROLUX MOTOR 28.5 VDC. 1.8 AMPS. 2200 RPM. 1/35 H.P. SHAFT SIZE 1 1/2 X 1/2 MOTOR SIZE: 4 1/2x3 1/2; WT: 5 LBS. PRICE: \$3.95

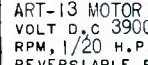
 B-203 MOTOR, REVERSIBLE, SPLIT FIELD, SERIES WOUND, 2 SHAFTS 5 RPM & 200 RPM w/MICRO-SWITCH ES. 26 vdc. 6x4x4; 4 LB. \$2.95


 EIGHTY (80) VOLT 60 CYCLE 78 RPM PHONO MOTOR ON MOUNTING PLATE. WILL ALSO OPERATE FROM 110 V w/RES. 3x3x3; 2LB \$.59


 FLYER ELECTRIC MOTOR HEAVY DUTY 115 VOLTS AC-DC 50-60 CYC. 78 AND 33 1/3 R.P.M. 9x5x4 WT. 10 LBS. PRICE: \$1.50


 MERCURY MOTOR 8100, 115 VOLT 60 CYCLE, 1750 RPM, OPEN FRAME 3x2 1/2x2, SHAFT 1x1 1/2, WT: 1 LB. PRICE: \$1.00


 John Oster Shunt Motor B-9-1 27 1/2 VDC @ .7A. 5600 RPM. Aluminum Cased Motor and Gear assm. Motor is flange mounted to the Gear case. 2 gear reductions 22 and 5 1/2 RPM on 1/4 X 1 1/2 shafts. Size 2 3/4 X 3 X 7". Wt. 1 lb. 14 oz. Price..... \$1.00


 ART-13 MOTOR 28 VOLT D.C. 3900 RPM, 1/20 H.P. REVERSIBLE, BALL BEARING. WILL OPERATE 12 VOLT SIZE 3x3x3 1/2; 2LB. #B-101/803/800. PRICE: \$1.95


 OSTER 10 CFM Blower John Oster motor C2EP-1A 27.5 VDC 1/100 HP 6000 RPM with blower 10CFM. Size 3 1/2 x 3 1/2 x 4 1/2 Wt 1 1/2 Motor & Blower \$3.95 Motor only 1.95


 400 CYCLE BLOWER Eastern Air Devices 10 CFM Blower 115 Volt 400 cycle, 1/100 HP motor. Size 3 1/2x3 1/2x4 1/2 Wt. 1 lbs. PRICE: \$2.95

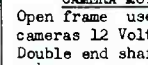
 PINCOR BLOWER Cast Aluminum housing shunt type motor 24 VDC 5000 RPM, 10 CFM blower. Motor noise filtered, WT 1lb 10 oz. Size 3 1/2x3 1/2x4. PRICE: \$2.95

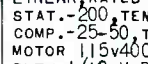
 OPEN TYPE BLOWER Delco motor 5069267 27 VDC 6000 RPM, reversible shunt type, flange mount. WT 1 lb size 1-3/4x2-5/8x2 1/2. Motor-Blower \$1.95 Motor only \$1.50

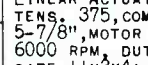
 DELCO PM MOTOR 12 VDC 10,000 RPM, GEARED TO ASSY. APPROX 250 TO PLASTIC WHEEL & POT. 4x3 1/2x2; 1 LB. #5092543/2 \$4.95

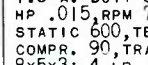
 PHILCO GEAR REDUCTION NO. 441-1008, 24 vdc, 3.7 RPM 40 LB. IN. TORQUE, SHAFT 5/16x5/8, MOTOR 4x3 1/2x5 1/2; 4 LBS \$5.95

 B-701/R-107 MOTOR FROM AS-313/ARN-6 LOOP ANTENNA. OPERATES FROM 26 VOLT 400 CYCLE, WILL OPERATE FROM 12 VOLT 60 CYCLE. GEAR TRAIN ASSY APPROX. RPM. SIZE 3x2 1/2x3; w/3/8" GEAR. WT: 1 LB. PRICE: \$3.95

 CAMERA MOTOR Open frame used in aircraft cameras 12 Volt AC-DC Double end shaft 1/8 x 1/2, motor size 2 1/2 x 2 1/2, 5000 RPM. # CU-120 Price\$1.95

 ACTUATOR LINEAR, RATED LOAD LBS. STAT.-200, TEN.-25-50, COMP.-25-50, TRAVEL 2 1/2" MOTOR 115v400CYCLE, 6000 RPM. DUTY 1/10, H.P. .04, TORQ. OZ. 11 6.7 WITH LIMIT SWITCHES. USED AIRESEARCH#35906-30 \$2.95

 LINEAR ACTUATOR, STAT. 750, TENS. 375, COMP. 200, ARM. TRAV 5-7/8", MOTOR 115 v. 400 CYCLE 6000 RPM, DUTY 1-10, HP .04 SIZE 1 1/2x3x4; WT: 5LB. USED AIRESEARCH#31914 \$3.95

 D.C. ACTUATOR 26 V. 1.5 A. DUTY 3/20 HP .015 RPM 7500 \$2.95 STATIC 600, TEN. 130 COMP. 90, TRAVEL 1 1/2" 8x5x3; 4 LB. ELA-3-139-2

 SPERRY FAN & MOTOR No. 708963; 115V 3 PHAS 60 cyc 3450 RPM 1/20 HP MOTOR 4x3 1/2x4 BLADE 6" w/STAND \$4.95

 DELCO MOTOR #A7155, 27VDC 1/30HP 2.4A, 3600RPM 5 1/2x2 1/2; shaft 1" \$2.95

HARDWARE KIT: CONTAINS 50 CLAMPS OF 5 DIFFERENT SIZES 20 SCREWS, 5 TYPES, 15 WASHERS, 7 LUGS, 4 HEX. NUTS, 18 SPACERS. #RC298 5LB. 75¢



RUBBER SHOCK MOUNTS
 4 LB. #4 \$.30
 6 " #6 .35
 10 " #10 .40
 12 " #12 .50
 16 " #16 .60
 24 " #24 .75
 35 " #5215 .75

OTHER TYPE MOUNTS AVAILABLE IN LIGHTER & HEAVIER. ADVISE NEED

TUBE SOCKETS

OCTAL CERAMIC 2 HOLE MTG. \$.25
 " " RING " " .15
 " " BLACK " " .15
 LOCTAL CERAMIC " " .20
 LOCTAL MICA 2 HOLE MTG. .15
 14 PIN MICA SMALL 1 1/2" MTG. .15
 4 PIN CERAMIC 2 HOLE MTG. .25
 5 " " RING " " .29
 7 " " 2 HOLE " " .29
 4 7/8 7/9 PIN WAFER " " EA. .10
 7/9 PIN MICA SMALL " " .20
 9 PIN CERAMIC " " .35
 METAL SHIELDS SMALL 7-9 " .10

829 CERAMIC SOCKET .75
 872 " " W/SHOULDER .75
 811/866 " " W/ .75

GIANT 4 CONTACT CERAMIC FOR 872, 211 ETC. 3 1/2" RD. GE#ML7461594-G1 PRICE: USED \$.39

GIANT 4 CONTACT CERAMIC SOCKET FOR 715, 718 ETC. 3 1/2" RC STK#227684.98 PRICE: NEW \$.50

GIANT TUBE SOCKET 7 CONTACT FOR 813 4E27A ETC. 2 1/2" SQ GE#M7466795-1/442 PRICE: \$.75 USED

REGULATOR CURRENT AUTOMOTIVE TYPE OPEN FRAME 50 AMP. SIZE 2 1/2 x 1 1/2 x 1 1/2; 1LB ORD.#G1026184433 DELCO#1884042 \$1.00

TERMINAL STRIPS WITH CLIPPED WIRES
 AMT. TERMINALS - 6 - 8 - 10 - 12 - 14
 1" WIDE EACH .15 .20 .25 .30 .35
 1 1/2" WIDE " .20 .25 .30 .35 .40

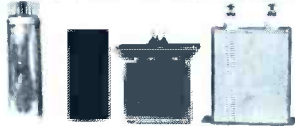
BINDING POSTS 7 ON A BAKE-LITE STRIP, THUMB SCREW TYPE TERMINALS. REMOVED FROM EQUI PRICE: \$.35 EA. 3 FOR \$1

TELEPHONE SIGNAL DROP SWITCH BOARD UNIT WITH MOMENTARY & HOLD MULTI-CONTACT LEVER SW RING IN DROP RELAY & PHONE JACK. SIZE 1 1/2 x 8 x 3. WT: 1 LB. #EE-2 \$.39 EA. 3/\$1 USED PL-11 PLUG ON 30" CORD \$.35 EA.

SW-118 SWITCH ASSY. SPST, ONE SIDE HOLDING ON - OTHER SIDE MOMENTARY ON, CENTER OFF SWITCH SIZE 2 1/2 x 1, CASE SIZE 2 1/2 x 1. PRICE: \$.35 EA. 3 FOR \$1.00

B-9A SWITCH ASSY SPDT CENTER OFF 5 AMP. 125 VOLTS TWO HOLE MTG. SIZE: EA. SW 3/4 x 2 x 1. \$.35 EACH BANK OF FOUR \$1.

Capacitors



MFD	VDC	SIZE	PRICE
2000	15	1 1/2 x 4 1/2 RD	\$.59
6000	75 WVDC	3 x 4 1/2	2.95
1000	50	1 1/2 x 4 1/2 RD	.55
25M	25 WVDC	3 x 4 1/2	2.95
24000	3	4 x 3 RD	1.50

4	400	2 1/2 x 3 1/2 x 1 1/2	.25
5x5	400	3 1/2 x 3 1/2 x 2	.50
10	400	4 x 4 x 1	.75

.5	500	1 1/2 x 1 1/2 x 1 1/2	.20
2	600	1 1/2 x 4 1/2 x 1	.25
4	600	3 1/2 x 2 x 1 1/2	.50
6	600	4 1/2 x 2 x 1 1/2	.75
7	600	4 x 4 x 2	.85
10	600	3 1/2 x 4 1/2 x 1 1/2	1.10
2 1/2 x 2 1/2 x 5		6 x 4 x 2	.75

1	1000	1 1/2 x 2 1/2 x 1	.50
15	1000	1 1/2 x 4 1/2	.95
2	1000	3 1/2 x 4 1/2 x 2 1/2	2.95
1-1-1	1200	3 1/2 x 3 1/2 x 2 1/2	1.00
1	2000	2 x 3 x 1	1.25

.5	1500	2 1/2 x 1 1/2 x 1	.75
.5	2000	2 1/2 x 1 1/2 x 1	.75

MFD	VAC	SIZE	PRICE
5	660	3 1/2 x 4 1/2 x 1 1/2	1.95
15	330	3 1/2 x 5 1/2 x 1 1/2	1.75
1	1000	3 1/2 x 4 x 2	.75

WESTERN ELECTRIC D170563 CAPACITOR
 1-CAN. .1 UF 5000 VDC
 2-3 1.0 UF 2000 "
 3-4 1.0 UF 2000 "
 SIZE: 5 1/2 x 5 x 2; WT: 3LB
 PRICE: \$1.95

10 MFD @ 2000 VDC 4 1/2 x 4 1/2 x 3 1/2; 3LBS. 5910-819-2151 \$5.95
2 MFD @ 4500 VDC 5 x 4 x 3; WT: 4 LBS. F350-7628821 \$6.95

MFD	VDC	SIZE	PRICE
4	1000	2 1/2 x 4 1/2 x 2 1/2	\$1.50
10	1000	3 1/2 x 4 1/2 x 1 1/2	1.95
8	1500	3 1/2 x 5 1/2 x 2 1/2	2.95
15	1000	3 1/2 x 4 1/2 x 2 1/2	1.50
8	2500	4 1/2 x 7 x 3 1/2	6.95

HIGH CAPACITY CAPACITORS

20,000 MFD 25 VDC
 AVAILABLE IN BANKS OF 20 OR INDIVIDUAL UNITS.
 BANK SIZE 16x13x5 F/RACK
 PRICE: BANK \$24.50 EA. \$1.50

SWITCH HEAVY DUTY TAP SWITCH 5 POSITION FOUR HOLE MOUNTING SIZE: 2 1/2 x 2 1/2 x 1 1/2 STK# 329627 \$1.50

ANTENNA CIRCUIT SWITCHING SWITCH 100 WATT Size 4 1/2 x 2-3/4" 3/Make 3/Break #329626 \$2.50

ROTARY SWITCHES

ROTARY WAFER SELECTOR SWITCH CERAMIC, 6 DECK, 4 POLE 6 CONTACT. 7 1/2 x 2 1/2 x 2 1/2; 3 1/2 LB SMALL CROSS #10214 USED \$4.95

SWITCH ROTARY CERAMIC WAFER 5 DECK, 1 POLE, 9 POSITION 7 1/2 x 2 1/2; 1 1/2 LB. SIL. PL. CONT. #5930-185-0597 \$1.95 NEW

SWITCH ROTARY BAKELITE WAFER 8 POSITION, 3 SECTION, SECT. #1 NON-SHORTING TYPE CONT. SECT. #2 & 3 SHORTING TYPE CONTACTS. 3 1/2 x 2 1/2; WT: 8 OZ. #329825-75.4 NEW \$1.00

SWITCH ROTARY, 3 SECT.; 5 SWITCHING POSITIONS, 6 MOVING, 36 FIXED CONT. 6 POLES 5 THROWS, COMB. SHORTING & NON-SHORTING. #329824-81.5 \$.75

SWITCH ROTARY BAKELITE WAFER 2 DECK, 5 POSITION, 1 POLE MOMENTARY 5 POSIT. 2x2x2 #SW-145 39¢ EA. 3 FOR \$1

GE CERAMIC POWER SWITCHES 2 DECK 3 POSITION 2x3 IN. GE#ML746812-G1/403 \$1.95

2 DECK 4 POSITION; 2x4 IN. GE#P42J198-1/394 \$1.95

2 DECK, 3 MAKE, 4 BREAK GE#ML7464910; 2x4" \$2.25

SWITCH ROTARY ONE DECK, CERAMIC 11 POSITION, 2" DIA. No. C-87/S601 75¢ EA.

SWITCH ROTARY CERAMIC TWO DECK FOUR POSITION, SINGLE HOLE MTG. 2" DIA. No. C-87/S-602 75¢ EACH

DAVEN SWITCH #427-EB-5 2 POLE, 9 CONT. 4 DECK. SIZE 5 1/2 x 2 1/2 x 2 1/2 WT: 2 LBS. \$2.95

ELECTRIC ROTARY SWITCHES



ROTARY SELENOID SELECTOR FOUR (4) WAFERS 12 POSITION ONE (1) POLE, ONE (1) WAFER 2 POSITION ONE (1) POLE. 24 VOLT D.C. SIZE: 4 1/2 x 1 1/2; 1LB. #5930-327-7793 \$1.50

ROTARY SELENOID SELECTOR ONE (1) WAFER 11 POSITION ONE (1) POLE, ONE (1) WAFER 12 POS. ONE POLE, 11 SHORTING, ONE NON-SHORTING. 1 LB SIZE 2 1/2 x 2; #5945-503-7295 PRICE: \$1.00

ROTARY SWITCH 20 POSITION 4 DECK W/ KNOB, 2 1/2 x 2 1/2; #5930-327-7820 \$1.95
ROTARY SWITCH 18 POSITION 10 DECK, 2" x 5"; 1LB. #5930-707-1764 \$3.95

SELECTOR SWITCH TAP 12 POSITION 1 POLE 5 AMPS. NON-SHORTING 2 1/2 x 2 1/2 x 1 1/2; 1 LB. P/O RA-83 #329825-4 40.2 \$3.95

Kits \$1.00

DISC CERAMIC CONDENSERS 33 ASST. 15MMF-.01MFD. Good Value \$1.00 a KIT

TUBULAR CONDENSER 50 ASST. .00025 to .1 200 to 600 V \$1.00 a KIT

MICA CONDENSERS 25 ASST. 10 MMFD To 6800 MMFD. \$1.00 a KIT

TRIMMER CONDENSERS 25 ASST. 3 to 280KMF WIDE RANGE \$1.00 KIT.

RESISTORS INSULATED 50 ASST. 1/2, 1 & 2 Watt wide range of good values 50 ASSORTED \$1.00

RESISTORS WIREWOUND 25 ASST. 5 to 20 Watt. Wide range of values some tapped. 25 ASST \$1.00

VOLUME CONTROLS 10 ASST. Popular Values \$1.00

TUBE SOCKETS 20 ASST. Octals Locals Minatures Wafers etc \$1.00

PILOT LIGHT SOCKETS 25 ASST Bayonet Screw etc. \$1.00

TERMINAL STRIPS, Tie lug strips, ASST types. 25 for \$1.00

TERMINAL LUGS, ring spade, crimp types. Wide variety of sizes for all uses in clear plastic box, Approx 200 PCS \$1.00

ROTARY SWITCHES BRAND NEW ORDER NOW 6 for \$1.00

CONDENSER KIT 1 MFD. to 1 MFD. up to 600 Volt. 10 for \$1.00
HARDWARE KIT NUTS, WASHERS SCREWS, RIVET GROMMETS ETC. 1 1/2 LBS. \$1.00

BUZZER FOR SWITCHBOARDS 8D-91/RD-9E OPERATES 2-6 VDC 4-9 VAC, NON-POLARIZED; 10.5 OHMS. VIBRATING ADJUSTABLE TYPE. SIZE 2 1/2 x 2 1/2; WT: 4 OZ. PRICE: \$1.

PE-109B INVERTER FILTER, MALLORY MF-1-2/ LELAND B-2037, REF. 120 STK. #342575-109B 3 1/2 x 3 1/2; WT: 2LB New \$1.50

BC-603, BC-683 BC-604 & BC-684 SPARE PARTS CHEST FOR STORING TUBES & PARTS. SAME SIZE & SHAPE AS RECEIVERS 2 COMPARTMENTS. SIZE 7 1/2 x 11 1/2 x 11 WT \$1.00

METAL BOX WITH REMOVABLE TOP, CUTOUTS FOR AC OUTLETS & SWITCH. SIZE: 6 1/2 x 4 1/2 x 4 1/2 PRICE: \$.50

ALARM BELL OPERATES ON 24 VDC. 4 1/2 x 4 1/2 x 2 1/2 # 561-3 \$1.25

HORSESHOE MAGNETS 5 lb. Lift 2 1/2 x 3 1/2 x 8" \$1.50 25 lb. Lift 2 1/2 x 2 1/2 x 1 1/2 \$1.29C

HAND TYPE MAGNETO GENERATOR

USED FOR RINGING TELEPHONE LINES, OUTPUT ABOUT 100 VOLTS. CAN ALSO BE USED AS SHOCK MACHINE, LIGHT SMALL BATTERY BULBS OR DRIVE WORMS OUT OF YOUR LAWN BY PLACING THE THE OUTPUT TO METAL STAKES AND DRIVING THEM INTO GND.

GN-38 WITH THREE MAGNETS \$2.95
GN-38B PERMANENT MAGNETS 2" x 1" \$3.95

G-25A ROUND TYPE MAGNETO \$2.50

Used, \$3.95


T-39 MICROPHONE AND CHEST UNIT THAT WAS USED TO CARRY DRY CELL BATTERIES. PHONE JACK AND 1 FT. CABLE WITH 8 RECEPTAL PLUG. ON-OFF SW AND FUSE HOLDER. INSIDE DIMENSIONS 5 1/2 x 1 1/2 x 9. WT: 6 1/2

25 Precision Resistor Ass't WIRE WOUND OR CARBON 1% OR BETTER GOOD VALUES. \$1.00 50 TINY CAPACITORS SELECTED TINY ASST PAPER & CERAMIC X GOOD VALUES. \$1.00


WIRE ASSORTMENT SIX 25 FT. COILS FULLY INSULATED STANDARD SIZES TINNED COPPER ASST. COLORS \$1.00

MINIMUM ORDER \$3.00

Power Transformer Filament Modulation Microphone Chokes



PRI: 115/230 60 cyc
SEC: 800 CT. 120 MA.
6.4 4.5 AMP
5 2 "
6.3 .6 "
6.4 450 MA
Size 5x5x6 WT. 13 lbs.
Stock # 229621-380
PRICE: \$2.95



PRI: 110v 60cyc | -2
PRI: 220v 60cyc | -3
SEC: 6.3v .9A 4-5
6.3v .3A 6-7
24v .9A 8-9
500vct 35MA
TERMINALS 10-12
CT TER. 11 WT. 4L
3x3x3 1/2 #RM-13-317
A TO D. \$1.95

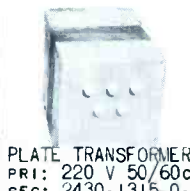




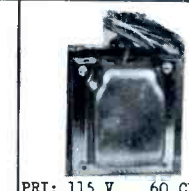
PLATE TRANSFORMER
PRI: 220 V 50/60cy
SEC: 2430-1315-0-
2430-1315
1.7 AMPS
17x13x11; 250 LBS
#CS-6264 \$39.95



PRI: 115/230 60cy
SEC: 750-0-0-750
1.66AMP@1.66
SIZE: 13x10x11
WT: 115 LBS.
STK#229607-16
PRICE: \$29.50

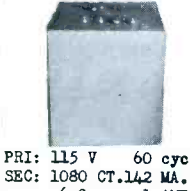


MODULATION TRANSFORMER
Watts 20 Response
Response 200-5000-LDB
Pri. 2 6000 SEC. 2 6000
Collins #677-2010-00
Size 2 1/2 x 2 1/2 x 3 1/2 lbs
Stock# 229634.53
Price \$2.95

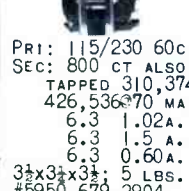


PRI: 115 V 60 CYC.
1200CT 200 MA.
12.5 2 AMP.
12.5 2 AMP.
5 3 AMP.
Size 4 1/2 x 2 1/2 WT. 10 lbs
Stock # FAIR-617
Price \$3.95
DESIGNED FOR COMMAND
TRANSMITTER

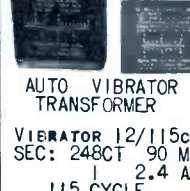
PRI: 117 50/60cyc
SEC: 640ct 120 MA
33ct 2 A.
5 2 A.
6.3ct 4 A.
4x5x3 1/2; WT: 10 LB
#5950-721-1962
\$4.95



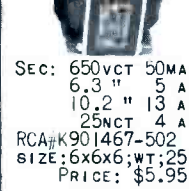
PRI: 115 V 60 cyc.
SEC: 1080 CT. 142 MA.
6.3 1 AMP.
6.3 2 AMP.
5 3 AMP.
Size 5x5x5 1/2 WT. 14 lbs
Stock # 229613.52
PRICE: \$3.95



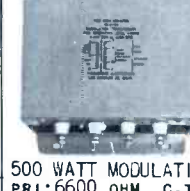
PRI: 115/230 60c
SEC: 800 CT ALSO
TAPPED 310,374
426,536,670 MA.
6.3 1.02A.
6.3 1.5 A.
6.3 0.60A.
3 1/2 x 3 1/2 x 3 1/2 5 LBS.
#5950-679-2904
\$1.95




AUTO VIBRATOR
TRANSFORMER
VIBRATOR 12/115cy
SEC: 248CT 90 MA
1 2.4 AM
115 CYCLE
SIZE: 2 1/2 x 3 1/2 x 3 1/2 WT4
STK#229625-75
PRICE: \$1.50



SEC: 650vct 50MA
6.3 " 5 A
10.2 " 13 A
25CT 4 A
RCA#K901467-502
SIZE: 6x6x6; WT: 25
PRICE: \$5.95



500 WATT MODULATION
PRI: 6600 OHM C.T &
500 M.A
SEC: 4600 OHM
400 M.A
TAP: 2300 OHMS 800MA
2880 WORKING VOLTS
RESPONSE 200-4000 C
FSN 5950-250-1753
\$16.95



TYPE AS FAIR#617
PRI: 115 V 60 CY
SEC: 550CT 150 MA
12 V 3 A.
5 V 3 A.
SIZE: 4x5x4; 7 LBS.
STK# FAIR-1490
NOT AVAILABLE

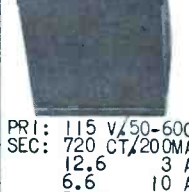
PRI: 120v 50-60cyc
116 VA
SEC: 750 v CT 200
5 v 2 AMPS
4x4x6 WT. 14 LBS
BENDIX#L217240-1
PRICE: \$4.95

PRI: 107-127V
50-60 CYC.
SEC: 160-200v @
700 MA.
THROUGH 16
TAPS.
SIZE: 4 1/2 x 3 1/2 x 5 1/2
WT. 13 LBS.
#229613.148
\$2.50

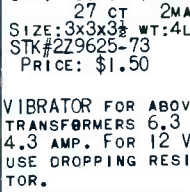
PRI: 115 50/60cyc
SEC: 700 CT AND
TAPPED 600,150MA
6.3ct 6 AMP.
5.0 3 "
2.5ct 5 "
4 1/2 x 5 1/2 x 3 1/2; 14 LB.
#5950-581-9968
\$4.95



PRI: 115 V 60 cyc.
SEC: 624 CT. 70 MA.
6.3 2.1 AMP.
5 3 "
Size 5 1/2 x 5 1/2 x 3 1/2 WT. 8 lbs.
Stock # 229611.39
PRICE: \$1.95




PRI: 115 V 50-60C
SEC: 720 CT 200MA
12.6 3 A
6.6 10 A
5.25 3 A
S/5x4x5 1/2 WT.
STK.# 203533
PRICE: \$4.95




VIBRATOR 12/115cy
SEC: 300 CT 100MA.
27 CT 2MA.
SIZE: 3x3x3 1/2; WT: 4LB
STK#229625-73
PRICE: \$1.50



PRI: 115 V 60 cy
SEC: 880CT 260 MA
SIZE: 4 1/2 x 5 1/2 x 4 10LB
STK#7629825
PRICE: \$4.95



MODULATION
TRANSFORMER
WATTS: 75
PRI: 200-250 OHM
SEC: GRID 813 TUBE
WITH SIDETONE
SIZE: 2 1/2 x 3 1/2 x 2 1/2
STK#GE7465620-1
PRICE: \$2.95




PRI: 115 V 60 CY
SEC: 500 CT 80 MA.
24 V 2 A.
5 V 3 A.
SIZE: 2 1/2 x 2 1/2 x 3 1/2 3LB.
STK#FAIR-818
PRICE: \$4.95
FOR BC-603,683
COMM/ARC RECEIVER

PRI: 115v 60 cyc
175 WV
SEC: 2420 vct 71MA
4x5x6 WT. 20 LBS.
FAI02NB \$3.95

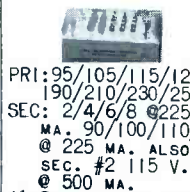
PRI: 115/230 V.
50/60 CYC.
SEC: 900CT NOLOAI
280 VDC@500 MA.
TAP 120VDC 150M
4x4x6; WT: 14LB
5950-645-6796
\$3.95



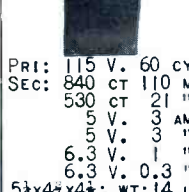
PRI: 115 V 60 cyc.
SEC: 624 CT. 70 MA.
6.3 2.1 AMP.
5 3 "
Size 5 1/2 x 5 1/2 x 3 1/2 WT. 8 lbs.
Stock # 229611.39
PRICE: \$1.95




POTENTIAL TRANS
PRI: 1/2/4/10/20/
40/100/200/40
0/1000/2000 V.
SEC: 40 V 100 MA.
6x7x4 1/2; WT: 20 LB
ESPEY#1-4 16,271
\$5.95



PRI: 95/105/115/125
190/210/230/250
SEC: 2/4/6/8 @ 225
MA. 90/100/110/
@ 225 MA. ALSO
SEC. #2 115 V.
@ 500 MA.
4 1/2 x 5 1/2 x 4; WT: 13 LBS.
#KLEINSCHMIDT5399
\$7.95



PRI: 115 V. 60 CYC
SEC: 840 CT 110 MA
530 CT 21 "
5 V. 3 AMP
5 V. 3 "
6.3 V. 1 "
6.3 V. 0.3 "
5 1/2 x 4 1/2 x 4 1/2; WT: 14 LB
RAYTHEON#UX9117A
\$3.95



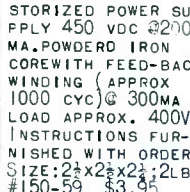
MODULATION
TRANSFORMER
WATTS: 75
PRI: 200-250 OHM
SEC: GRID 813 TUBE
WITH SIDETONE
SIZE: 2 1/2 x 3 1/2 x 2 1/2
STK#GE7465620-1
PRICE: \$2.95



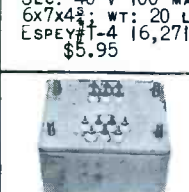
PRI: 115 V 60 cyc.
SEC: 12.5 V 2 AMP.
12.5 2 "
Size 4 1/2 x 2 1/2 WT. 5 1/2 lb
Stock # FAIR-5005
Price: \$4.95
Same style as #5005
PRI: 115 V 60 cyc
SEC: 24 V 1 AMP.
Size 2-3/4x2 1/2x2WT.21lb.
Stock # FAIR-718R
Price \$1.95

PRI: 115 V 60 CY
SEC: 820CT 120 MA
5 V 2 A.
SIZE: 4x6x3 1/2 10 LB
STK#ORD7629820
PRICE: \$2.95

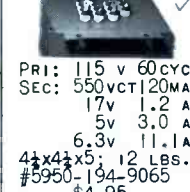
PRI: 120 v 50-60cyc
124 VA
SEC: 225v 40MA
850 v CT 250MA
6x4x5 WT. 16 LBS
BENDIX#N217388-1
PRICE: \$5.95



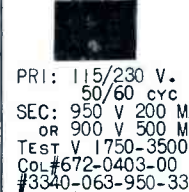
POWER TRANSFORMER
FOR 12 VDC TRANSI
STORIZED POWER SUP
PLY 450 VDC @200
MA. POWDER IRON
CORE WITH FEED-BACK
WINDING (APPROX
1000 CYC) @ 300MA
LOAD APPROX. 400V
INSTRUCTIONS FUR
NISHED WITH ORDER.
SIZE: 2 1/2 x 2 1/2 x 2 1/2; 2LB.
#150-59 \$3.95



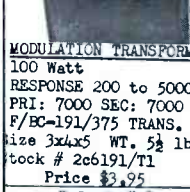
PRI: 115 V. 60 CY
SEC: 1540 CT. 166A
1230 CT. 257A
BOTH VOLTAGES ONE
WINDING
5.1 4.5A
6.5 4.0A
6.5 .5A
7 1/2 x 6 x 6 1/2; WT: 35 LBS
STK# 229613.53
\$7.95



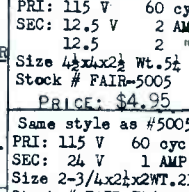
PRI: 115 v 60CYC
SEC: 550VCT 120MA
17v 1.2 A
5v 3.0 A
6.3v 11.1A
4 1/2 x 4 1/2 x 5 1/2 12 LBS.
#5950-194-9065
\$4.95



PRI: 115/230 V.
50/60 CYC
SEC: 950 V 200 MA
OR 900 V 500 MA
TEST V 1750-3500
Col #672-0403-00
#3340-063-950-33C
4x5x4 1/2; 12 LBS.
PRICE: \$8.95

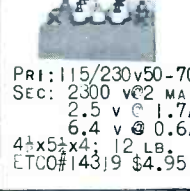


MODULATION TRANSFORMER
100 Watt
RESPONSE 200 to 5000
PRI: 7000 SEC: 7000
F/BC-191/375 TRANS.
Size 3x4x5 WT. 5 1/2 lbs.
Stock # 26b191/T1
Price \$3.95

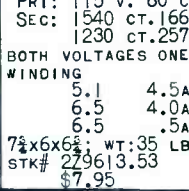


PRI: 115 V 60 CYC.
12.5 V 1 AMP.
12.5 2 "
Size 2 1/2 x 2 1/2 WT. 1 1/2 lb
Stock # FAIR 2468
Price \$1.75

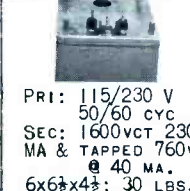
PRI: 115 V 60 CYC
TWO TAPS ALSO.
SEC: 6200 V 81MA.
LOWER TAPS ON PRI
5800 V 76MA
5400 V 71MA
SEC. TEST V 7500
SIZE: 8 1/2 x 5 1/2 x 7; WT: 30 LBS.
#5950-645-6792 PRICE: \$14.95



PRI: 115/230v50-70
SEC: 2300 v@2 MA.
2.5 v @ 1.7A
6.4 v @ 0.6A
4 1/2 x 5 1/2 x 4 1/2; 12 LB.
ETCO#14319 \$4.95



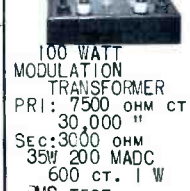
PRI: 115 V. 60 CY
SEC: 1540 CT. 166A
1230 CT. 257A
BOTH VOLTAGES ONE
WINDING
5.1 4.5A
6.5 4.0A
6.5 .5A
7 1/2 x 6 x 6 1/2; WT: 35 LBS
STK# 229613.53
\$7.95



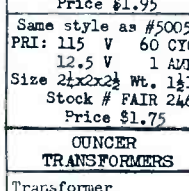
PRI: 115/230 V
50/60 cyc
SEC: 1600VCT 230
MA & TAPPED 760
@ 40 MA.
6x6 1/2 x 4 1/2; 30 LBS.
\$8.95



PRI: 230/460 60CY
SEC: 1025 CT 350MA
4
60"
SIZE: 4 1/2 x 6 1/2 x 6 1/2 32LE
STK#229601.84
PRICE: \$2.95
USE TWO FOR 115 V




100 WATT
MODULATION
TRANSFORMER
PRI: 7500 OHM CT
30,000 "
SEC: 3000 OHM
35W 200 MADC.
600 CT. 1 W
RMS TEST
1.2, 3 500 v.
OTHERS 2500 V.
200-3500 CPS.
4 1/2 x 4 1/2 x 4 1/2; 11LBS
#5950-646-3092
PRICE: \$4.95




Same style as #5005
PRI: 115 V 60 CYC.
12.5 V 1 AMP.
12.5 2 "
Size 2 1/2 x 2 1/2 WT. 1 1/2 lb
Stock # FAIR 2468
Price \$1.75

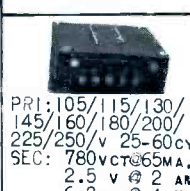
PRI: 105/110/115
120/125 60 CYCLE
SEC: 390V 1.23 AMP
TAP 365V 720 MA
7x8x6; 45 LBS.
\$6.95



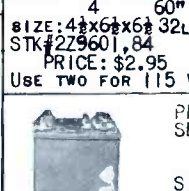
PRI: 117 50/60cyc
SEC: 1250 2 MA.
2.5 1.75 A.
2.5 2.1 A.
3 1/2 x 4 1/2 x 4 1/2; 7 LB.
#5950-187-4393
\$2.95



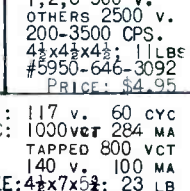
PRI: 115 V 60CYC
SEC: 850CT 280MA
280CT 10MA
5 v 5 A.
6.3 v 600MA
36 v 5 A.
5 1/2 x 5 1/2 x 7 1/2; 28 LBS.
#5950-646-3943
\$6.95



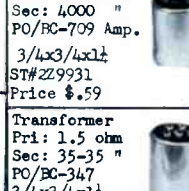
PRI: 105/115/130/
145/160/180/200/
225/250 v 25-60cyc
SEC: 780vct@65MA,
2.5 v @ 2 AMP
6.3 v @ 4 A
5 1/2 x 5 1/2 x 4 1/2; 13 LBS.
229619-4 \$2.95



PRI: 117 v. 60 cyc
SEC: 1000VCT 284 MA
TAPPED 800 VCT
140 V. 100 MA
SIZE: 4 1/2 x 7 1/2 x 3 1/2 23 LB
#5950-646-3720
\$4.95



100 WATT
MODULATION
TRANSFORMER
PRI: 7500 OHM CT
30,000 "
SEC: 3000 OHM
35W 200 MADC.
600 CT. 1 W
RMS TEST
1.2, 3 500 v.
OTHERS 2500 V.
200-3500 CPS.
4 1/2 x 4 1/2 x 4 1/2; 11LBS
#5950-646-3092
PRICE: \$4.95




OUNCER
TRANSFORMERS
Transformer
Pri: 100 ohm
Sec: 4000 "
PO/BC-709 Amp.
3/4x3/4x1 1/2
ST#229931
Price \$5.9


PRI: 117 v 50-60cyc
700 VDC TEST
SEC: 2.5v @ 1.75A
2.5v @ 2.1A
1250v @ 2 MA
3 1/2 x 4 x 5 1/2; WT. 7 1/2 LB
#15-3377
PRICE: \$4.95


PRI: 115 V. 60 cyc
SEC: 800vct 150MA
6.3vct 3 A.
5.0 3 A.
PO/BC-347
3/4x3/4x1 1/2
Stock#229947/421
Price \$5.9


TRANSFORMERS



 PRI: 115v 50-1000cyc
 SEC: 34 v 3.5 AMP
 SIZE: 4 1/2 x 5 x 4 1/2 LB
 #5950-518-4306
 \$4.95



 SPECIAL 2/24
 VOLT WINDINGS
 OUT OF PHASE
 250 MA, 115 V
 60 CY INPUT, 2x2x2 1/2
 1 LB#26836 \$1.75


 PRI: 120 v 60CYC
 PRIMARY BUCK-BOOST
 WINDINGS: 1.2V, 3.6V, 10.8V
 SEC: 12.8V CT 20A
 4 1/2 x 5 x 7 1/2 WT: 24 LB
 #1043 \$8.95



 PRI: 115 v. 60c
 SEC: 2.5v 1.75A
 2.5v 1.75A
 16.3v .6 A
 3 1/2 x 5 x 3 1/2 WT: 8 LBS
 #229611.127 \$1.95


 PRI: 115 v. 60 CY
 SEC: 2.2 V.
 ALSO TAPPED WIND.
 0-60V 10 TAPS 4
 VOLTS EA. 1 TAP
 20V. HV AMPS 4, LOW
 EST VOLTAGE 20 A
 6x4x5; WT: 25 LBS
 #6120-473-6811
 \$7.95


TF45X02YY
 THREE PHASE
 PRI 171V 50-450CYC
 SEC 28V @ 40A
 6 1/2 x 7 1/2 x 9 1/2 WT. 45 LBS
 PRICE: \$14.95


 MICROPHONE TRANS
 PRI: 40 OHMS
 SEC. 75000 "
 SIZE: 1 1/2 x 1 1/2 x 2
 WT: 2 OZ.
 #279986-2/RM-12
 PRICE: 75¢

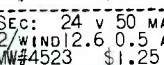

 MICROPHONE
 PRI: 14.5-21 OHM
 SEC: 4475-6500
 OHMS
 CARBON MIC.
 2 1/2 x 3 1/2 x 2 1/2
 #P7762352G1
 \$1.00

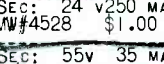

 Microphone
 Transformer
 Pri: 1 ohm
 Sec: 2000
 1 1/2 x 2 1/2 x 1 1/2
 #P229666A
 Price \$.59

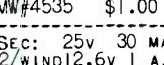

1-177
 TUBE CHECKER
 TRANSFORMER
 SIZE: 4 1/2 x 4 1/2 x 4 1/2 LB
 STK # 229613.667
 PRICE: \$4.95



 PRI: 144 V 50/60CY
 1 PH. 3.4/2.32 KVA
 SEC: 23 V FULL LOAD
 RMS-2500 V. MAGNATRON
 SIZE: 13x15x11.200LB
 FSN5950-189-4659
 PRICE: \$30.00


 ALL PRIMARIES
 115 VOLT 60 CYCLE
 SIZE: 2x1 1/2 x 1 1/2; 4oz
 SEC: 125 v 25 MA
 50 v 50 MA
 MW#4521 \$1.25

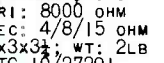

 SEC: 24 v 50 MA
 2/WIND 12.6 0.5 A
 MW#4523 \$1.25

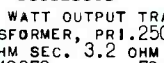

 SEC: 24 v 250 MA
 MW#4528 \$1.00



 SEC: 55v 35 MA
 2/WIND 12.6 200 "
 MW#4535 \$1.00


 SEC: 25v 30 MA
 2/WIND 12.6v 1 A.
 MW#4530 CASE \$2.

OUTPUT
 OUTPUT TRANSFORMER
 30 WATT
 \$3.95


 PRI: 8000 OHM
 SEC: 4/8/15 OHM
 3x3x3 1/2; WT: 2LB
 #TG-10/27291


 2 WATT OUTPUT TRANSFORMER, PRI. 25000 OHM SEC. 3.2 OHM
 #49872 79¢


 AUDIO OUTPUT TRANS
 PRI: 450 OHMS
 SEC: 300/4000 OHMS
 IMPEDANCE
 PC/BC-348
 STK# 2C4348M/T
 2x2 1/2 x 4 WT. 2 1/2 LBS.
 PRICE: \$1.00


OUTPUT TRANSFORMER
 NP/VS-1.77/6.6, 50
 TO 5000 CYC. 5MA.
 SIZE: 2x2x2
 GEM 7465623-1
 PRICE: \$.75

LOW VOLTAGE TRANSFORMERS

ALL PRIMARIES 105, 110, 1120, 125 VOLT, 60 CYCL

SEC: 6.6 V 36 AMP.
 6 1/2 x 5 x 4; 23 LBS.
 9T35Y245 \$8.95

SEC: 6.6 V 18 AMP
 3 1/2 x 5 x 4; 12 LBS.
 GE#9T35Y159 \$3.95

SEC: 6.6 V 10 AMP
 4x3 1/2 x 4; 9 LBS.
 GE#9T35Y158 \$2.95

SEC: 6.6 v 10 AMP.
 6.6 VCT 1 "
 5x4x3 1/2; 10 LBS.
 GE#9T35Y181 \$3.25

SEC: 6.3CT 3.6 AMP
 2 1/2 x 3 x 2 1/2; 2 LBS.
 #5950-651-5319
 \$1.50

PRI: 115 60 CYC
 SEC: 6.3 CT 1AMP
 2 1/2 x 3 x 2 1/2; 2 LB.
 #5950-648-4768

PRI: 115 v. 60 CYCLE
 SEC: 25 v. 0.5 AMP.
 2x2x2 1/2; 1LB. #5950-754-9573
 \$1.25

FILAMENT TRANSFORMER
 PRI: 70/100/140/200
 60 CYC
 SEC: 12.6 CT .7 A
 6.3 CT .9 A
 6.3 CT 1.5 A
 6.3 CT 1.5 A
 2.5 KV TEST
 SIZE: 5 1/2 x 3 x 4 WT 5
 STK# GE-7465625-PI
 PRICE: \$2.95

SEC: 6.3 v 3.1 AMP.
 6.3 v 2.5 " "
 6.3 v 0.45 " "
 6.3 v 0.30 " "
 5.0 v 2.0 " "
 5.0 v 2.0 " "
 3 1/2 x 4 1/2 x 3; 4 LBS.
 #TF1A01JA \$3.95

FILAMENT TRANSFORMERS
 PRI: 105/115/125V 60 CYCLE
 SEC: 6.3 V. @ 2 AMP.
 2x2 1/2 x 2; 1LB. UTC5578 \$1.50

PRI: 115/120/126/132V 54-66c
 SEC: 6.6 v. @ 1.2 AMP.
 2 1/2 x 3 x 2; 1 1/2 LB. 9T35Y240 \$1.25

PRI: 117V 50-60CYC
 SEC: 3/5V CT @ 2A
 2/5V @ 2A
 2/2.5V @ 10A
 7x4x3 1/2 WT. 12 LB
 GILFILLAN #5143-1
 PRICE: \$5.95

PRI: 115 V. 60 CYC
 SEC: 5 V. 2 AMP
 5 V. 2 " "
 4 1/2 x 5 1/2 x 2 1/2; WT: 8 LB
 #229611.389 \$1.95

HIGH AUDIO

ALTEC LANSING 70W
 OUTPUT TRANSFORMER
 PRI: 330 OHM CT
 SEC: 250 & 500 OHM
 SIZE: 4 1/2 x 5 x 4 1/2
 WT. 13 LBS.
 STK# TMJ-217A
 PRICE: \$2.95

PRI: 7000 OHM CT
 SEC: 265 " "
 80 " "
 ONE WINDING
 POWER: 62.5 WATTS
 RESPONSE: 1 DB
 20-20,000 CPS
 SIZE: 4 1/2 x 6 x 4; 20 LB
 TF1A13MA \$4.95

HIGH VOLTAGE TRANSFORMERS


 PRI: 115 VOLT 50/60 CYCLE
 3.75 KVA
 SEC: 7500/3750 V 5.3 KVA
 MAX. DC OPER. 4.25 KVA
 RMS 17 KV.
 SIZE: 17x10x12; WT: 250LBS
 FSN 5950-189-6498
 PRICE: \$75.00

PRI: 105-125v
 50-60cyc
 SEC: 1100V CT @
 250 MA
 SIZE: 5 1/2 x 5 x 4 1/2
 WT. 16 LBS.
 UTC 52336
 \$6.95

PRI: 105/110/115
 120/125V 54-66cyc
 SEC: 365V TAPPED
 335 V @ 500 MA.
 4 1/2 x 5 1/2 x 3 1/2; 9 LB.
 #ADCA8691 \$2.95

PRI: 105-110-115-
 120-125
 SEC: 365 v 775 MA
 TAP. 340 v 525 MA
 850CT 30 MA
 5 V 2 A
 6x7x5" 30 LBS.
 # GE7415214
 \$4.95

PRI: 105-110-115
 120-125
 SEC: 560CT 75 MA
 365 V 150 MA
 TAP35 V
 3 1/2 x 5 x 3 1/2" 8 LBS.
 #TF1A02JA \$1.95


PRI: 117 V 60 CYC
 SEC: 450 V 140 MA
 12-6 20 AM
 5.0 2 " "
 4 1/2 x 6 x 4; 15 LB
 EDD 10498 \$6.95

PRI: 117V 60-400CYC
 SEC: 750 VCT 55 MA
 5.0
 6.3 V @ 5 AMPS
 3 1/2 x 3 x 4 WT 5 LBS.
 #271-P-1 \$2.95

CIRCUIT PROTECTED
 PRI: 110/220/440
 50/60 CYCLE
 SEC: 24 V 6 AMP.
 6 V 1 "
**CIRCUIT RESET
 BREAKER 10 AMP.
 FOR 4 1/2" SQ. BOX
 MTG. ALSO 2 1/2" TER
 MINAL BOX W/KNOCK
 OUTS.
 SIZE: 7x4 1/2 x 5; 10LBS
 FOSTER#D11586
 PRICE: \$6.95**


VOLTAGE REGULATED
 PRI: 90-130 VOLT
 50/60 CYCLE
 SEC: 29 VOLT 6 AM
 SIZE: 8x5 1/2 x 4 1/2; 20 LB
 PHOENIX#PX-20178
 PRICE: \$5.95

PRI: 120V 50/60cy
 SEC: 25V 3 VA
 (120 MA.)
 SIZE: 2x1 1/2 x 1 1/2 MOUN
 TED ON 4 1/2" ELECT.
 BOX PLATE THAT
 CAN BE RE-MOVED.
 WT: 1LB. #AT75A1036
 \$1.00


 PRI: 120/240V 60c
 SEC: 16 v 8 AMP
 16 V 8 "
 SERIES SECONDARY
 32 v 8 AMP
 PARALLEL 16V16 "
 4 1/2 x 4 1/2; 13 LBS.
 #1479-LO18
 PRICE: \$7.95

PRI: 115 V 60 CYC
 SEC: 6.3 V 2.75 A
 6.3 V 5.5 A.
 SIZE: 3 1/2 x 4 1/2 x 3 1/2; 5 LBS
 STK#ORD7629805
 PRICE: \$2.50

PRI: 115 V 60 CYC
 SEC: 6.3 V 4 AMP
 SIZE: 4x3x3 1/2 5 LBS.
 STK#ORD7629823
 PRICE: \$1.50

PRI: 115 V 60 CYC
 SEC: 6.3 V 2.7 AMF
 SIZE: 2 1/2 x 2 x 2 1/2; 1 1/2 LB.
 STK#5950-186-9789
 PRICE: \$1.50

PRIMARY VOLTS
 115, 163 & 230
 50/60 CYCLE
SECONDARY VOL
 11.7 CT. 3 1/2 A.
 WITH 115 VOLT
 INPUT, OUTPUT
 WILL BE 15 v. 3 AMPS.
 SIZE: 3 1/2 x 4 x 3 1/2; 8 LBS.
 GE#7465106-P1 \$2.95

PRIMARY VOLTS
 81, 163 & 230
 50/60 CYCLE
SECONDARY VOLTS
 12 CT. 3 1/2 AMPS
 12 CT. 3 1/2 "
 13 CT. 10 "
 @ 115v 2/16v-3A 1/17V
 10A. SIZE 4x7x7 18LBS.
 GE#7466333 \$5.95

PRI: 115v 60cyc
 SEC: 40-0-40V .18A
 3x3x3 1/2 WT. 5LBS
 #7629808 \$1.50

PRI: 115v 60 cyc
 SEC: 5.7v 21.8A
 3 1/2 x 4 1/2 WT. 9L
 GE-7469149
 PRICE: \$6.95

PRI: 115 V. 60 CYC
 SEC: 54 V. C.T. 2A.
 13 V. @ 5 A.
 4 1/2 x 4 1/2 x 3 1/2; 6 LBS.
 82-70-5511 \$4.95




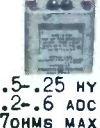




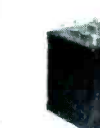

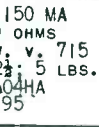


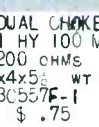






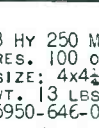







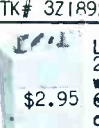


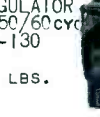
SAME TYPE AS ABOVE
 115 v. 60 cycle; SEC. 52
 VOLT C.T @ 2 AMPS #82705510
 3 1/2 x 3 1/2 x 3 1/2; 4 LB. \$3.95

PRI: 200/220/240V
 50-60 cyc
 SEC: 10V CT @ 10A
 4x4 1/2 x 5 1/2 WT. 11LBS
 THERMADOR CS-8705
 PRICE: \$3.95

PRI: 115 V 60 CYC
 SEC: 36 V 12 AMP
 4 1/2 x 6 x 4; WT: 15 LE

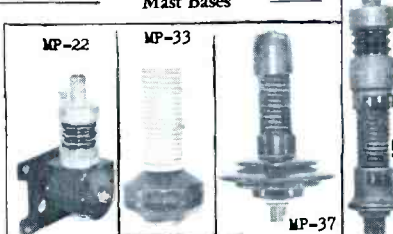
FURANCE CONTROL
 PRI: 120 V 50/60 cyc
 SEC: 25 V 20 VA.
 (.8 AMP.)
 SIZE: 2 1/2 x 2 1/2 x 2; 3 LB.
 4 1/2" ELECTRIC BOX
 MTG. WHICH CAN BE
 REMOVED. #AT30A-
 1023-1 \$1.25

FURANCE CONTROL
 TRANSFORMER
 PRI: 115/230v 60c
 SEC: 23v 1.8A
 MOUNTED ON 2x4
 PLATE WITH 2x4
 ELECTRICAL JUNCT
 BOX. WT. 4LBS.
 \$1.50

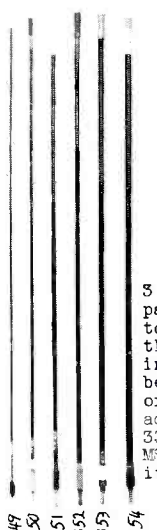
 <p>30 HY 70 MA 550 OHM 2 1/2 x 2 x 3 1/2; 1 LB #3C325-6 \$1.25</p>	 <p>25 HY 160MA 350 OHM 3 1/2 x 3 1/2 x 4; 8 LB 36317-38 \$1.50</p>	 <p>20HY @ 20MA 5HY @ 450MA 50 OHMS 3 1/2 x 4 1/2 x 5 1/2 WT 14LB GILFILLAN BROS. #23483 SWINGING CHOKE \$4.95</p>	 <p>.5-.25 HY @ .2-.6 ADC 70HMS MAX DC 535V WVM 2 1/2 x 3 1/2 x 2 1/2 4 LBS. GE#T35Y283 \$1.25</p>	<p>25 HY 35 MA DO 1070 MV 2x3x2; 2LBS GE#7415231 \$.79</p>  <p>DUAL CHOKE 11 HY 100 MA 200 OHMS 4x4x5 1/2; WT 8 #3C557F-1 \$.75</p>  <p>11 HY 500MA 1350 VAC @ 120cyc 7x6x9 1/2; WT. 42 L TTC NO. DC-6281 PPICE: \$8.95</p>	 <p>PRI: 206 V 60 CYCL ONE PHASE 10.6 KVA SEC: 30 V 115 VOLT PRIMARY SECONDARY 16 VOLT SIZE: 14x11x11 WT: 150 LB. #ACME 2649 \$32.95</p>	 <p>SELENIUM RECTIFIER HALF OF FULL WAVE (FOR USE W/TRANS. T LEFT)-SIZE 12x16x6 WT: 28LB. #ACME TWO FOR \$15.00</p>	 <p>PRI: 117 V 50-60 TEST 1300 VOLT SEC: 33 V 35 V @ 1.2AMP WAHLGREN #1347 3 1/2 x 3 1/2 x 5 WT 6 1/2 LB \$2.25</p>
 <p>8 HY 150 MA 100 OHMS MAX. W. V. 715 3x4 1/2 x 2 1/2; 5 LBS. #TF1A04HA \$1.95</p>	 <p>20 HY 300 MA #CRP30366 SIZE: 7x7x8 WT: 35 LBS. \$6.95</p>	 <p>"A" CHOKE 1 HY 1 AMP .7 OHM 2 1/2 x 2 1/2 x 3 1/2 STK#M-13331 \$1.25</p>	 <p>12 HY 525 MA RES. 68 OHM TEST 2500 V. SIZE 6 1/2 x 7 1/2 x 5 WT: 33 LBS. #N284270 \$7.95</p>	 <p>14 HY 125MA 275 OHMS. 2 1/2 x 3 1/2 x 5 1/2; 308-708-060 \$1.25</p>	 <p>PRI: 110/120/ 50/60 cyc SEC: 120/140 CT. 7.1 AMP. SIZE: 6 1/2 x 7 x 6 1/2; WT: 47 LBS. #5950-268-8681 \$8.95</p>	 <p>PRI: 115 V. 60 CYC .25 KV INSULA SEC: 8.5 V. 54 AMF OR 7.5 V. 48 " OR 7.5 V. 32 " SIZE: 6x7 1/2 x 9; 50 LBS #3340-296-879 \$14.95</p>	<p>PRIMARYS: 2/100 V 60 CYCLE SECONDARY: 2.5V A 7.5V 1.25 21V .1A 11V.10.0A 10V 6.5A SIZE: 8x 4x6; 19LBS CAY30219 \$3.95</p>
<p>1.25 HY @ 1.23 ADC PWV 1070 TF1A04LB 6 1/2 x 5 x 4 1/2; WT: 21 LBS \$5.95</p>		<p>10 HY 150MA 210 OHMS WT. 4 1/2 LBS. SIZE: 2 1/2 x 5 x 2 1/2 #217366-1 \$1.75</p>	<p>15 HY 165 MA 135 OHM 4x4x3 1/2; 8LB \$1.25</p>	<p>17 HY 80 MA 300 OHM 2 1/2 x 2 1/2 x 3 WT. 2 #3C326-31B</p>	<p>PRI: 117 V. 50/60C SEC: 510 VCT 100MA SIZE: 3x4 1/2 x 3 1/2; 7 LB 229612.21 \$1.95</p>	<p>AUTO-TRANSFORMER INPUT 100 VOLT 60 3 AMP. OUTPUT 270/ 290/310/350 VOLT 1.25 AMPS. SIZE: 6x8x4 1/2; 23 LB RCA#901508 CNM3082 \$7.95</p>	<p>PRI: 115 V 60 CYC SEC: 2.65V 3.5 A 2.65V 3.5 A 6.3V 3.5 A SIZE: 3 1/2 x 5 x 3 1/2; 8LB #BNJT-166 \$2.90</p>
<p>Chokes 8 HY 100 MA 160 OHM 2 1/2 x 3 1/2 x 2 1/2; 3LB. #TR-1024 \$1.50 10 HY 0-1 AMP. DC @ 10V 60 CPS, 268 OHMS, 2 1/2 x 3 1/2 x 2 1/2; 4LB #6467 \$1.75 30 HY 50 MA 263 OHM 3x4x2 1/2 5 LB. #XT-263A \$1.00 5 TO 42 HY 160 OHMS 130 TO 20 MA 3 1/2 x 3 1/2 x 7; 7LB 5950-646-0561 \$1.75 12 HY 210 MA 50 OHM 14 LB 5x6x4 1/2; #3C316-33 \$2.50 20 HY 45 MA 308 OHM 2 LB 2 1/2 x 3 x 2; #5950-260-0380 \$1 11 HY 500MA 35 OHM 25 LBS. 6 1/2 x 8 x 6; PWV6425#10-28 \$7</p>		<p>8 HY 450 MA THORD#T4473 P/O BC-303 TRAN 5 1/2 x 4 1/2 x 5 1/2; 18 LB STK#3H4622.1 \$6.95</p>	<p>10 HY 415 MA RES. 60 OHMS TEST V 1800 SIZE 4x5x3 1/2 WT: 12 LBS. #L217210-1 PRICE: \$4.95</p>	<p>10 HY 150 MA RES. 100 OHM TEST 3000 V. SIZE 3 1/2 x 4 1/2 x 3 WT: 7 LBS. 3C323-6220 \$1.95</p>	<p>PRI: 115 V 60CYC .065 KVA SEC: 5.0 V 13 AMP #7467147 5x5x4 WT. 12 LBS \$3.95</p>	<p>MULTI-VOLTAGE TRANSFORMER PRI: 115 V. 60 cyc SEC: 24/55/60/65 100 VA 3 1/2 x 4 x 4 1/2; 7 LBS. DONAGAN #A574 \$5.95</p>	<p>PRI: 115V 50/60cps VARIABLE OUTPUT 30- 135V 250 MA. 5x3x4 WT. 9LBS. NEW \$4.95</p>
 <p>5 HY 50MA 250 OHM 2x2x2 1/2; WT 1 1/2 STOCK # 3C3672 PRICE: \$.75</p>	 <p>6 HY 75 MA 150 OHM 3x3x2 1/2; WT: 2 1/2 STK#3C316-7 PRICE \$.79</p>	<p>CHOKE 10 HENRY @ 200 MA 135 OHMS 2000 VRMS 60 CYC 3 1/2 x 3 1/2 x 5 WT. 9LB BENDIX#L217380-1 PRICE: \$3.95</p>	<p>10 HY 150 MA RES. 100 OHM TEST 3000 V. SIZE 3 1/2 x 4 1/2 x 3 WT: 7 LBS. 3C323-6220 \$1.95</p>	<p>PRI: 115V 60 CPS SEC: 50V 15A 4 1/2 x 4 x 6 WT. 18 LB 5340-063651454 \$9.95</p>	<p>PRI: 120V 50-60 cyc 37 VA SEC: 5VCT @ 2A 6.3V @ 1A 5VCT @ 4A 3x3 1/2 x 5 WT. 7 LB BENDIX#L217336-1 PRICE: \$3.95</p>	<p>PRI: 117V 50-60 CYC TEST 1500 VAC SEC: 6.3 VCT 1 AMP 6.3 VCT 7 1/2 LBS. 3x3x5 #15-3418 \$2.95</p>	<p>GENERAL RADIO VARIAC TYPE 20 20 AMP. 115 V. 50/60 CYCLE INPUT; OUTPUT 0-135 VOLTS WITH KNOB, NO DIAL. SIZE: 7x7 1/2 x 8; WT: 25 LBS. APPEAR TO BE LIKE NEW \$30</p>
 <p>7.5 HY 650 MA 5 1/2 x 6 1/2 x 7 31 LB T-47174 \$7.95</p>	 <p>6 HY 80MA P/O TG-10 SIZE: 2 1/2 x 2 x 2 WT. 1 1/2 LBS. #27294 PRICE: \$.89</p>	<p>3.9 HY 950 MA TAPPED 2.7 HY 25 OHM. D.C 2500 V. TEST 11x8x7; 45LBS. #3C315-16 \$14.95</p>	<p>10 HY 75MA DC 375 OHMS 1070 MV 2x2 1/2 x 1 1/2; 1 1/2 LB TF1A04EA \$0.89</p>	<p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4 1/2 x 5 1/2 x 7 18 LBS. #5950-645-3891</p>	<p>AUDIO PRI: 37,000 OHMS SEC: 7,400 OHMS FREQ. RES. 250- 14,000 CPS. 6 LBS. 3x3 1/2 x 4 #REL 12196 \$1.95</p>	<p>3R W5L 115 V. 50/60 INPUT OUTPUT 0-135 8.5 AMP. \$18.00</p>	<p>GR M2 115 V 350-1200 CPS INPUT; OUTPUT 0-135 2 AMP. PRICE: UNUSED \$7.00</p>
 <p>8 HY 250 MA RES. 100 OHMS SIZE: 4x4x6 WT. 13 LBS. 5950-646-0775 \$4.95</p>	 <p>2/9.5H. 300 /50 MA RES. 75 OHM OIL FILLED WT. 9LBS. SIZE: 3 1/2 x 4 1/2 #17986 \$3.95</p>	 <p>5.0 HY AT 10 60 CYC 400 M RES: 50 OHM SIZE: 6x4 1/2 x 4 WT. 13 LBS. #3521746</p>	 <p>10 HY 225MA 85 OHM 3 1/2 x 5 1/2 x 5 WT. 11 LBS. #TF1RX04YY \$3.95</p>	<p>FILTERS BAND PASS FILTER 2820CYCLE WIDTH, BAND 1285-4200 CPS INPUT: 600 OHMS 250 OHMS OUTPUT: 120,000 OHM 2 1/2 x 2 1/2 x 3 WT. 2 LBS. \$1.95 STK# 3Z1892-19</p>	<p>AUDIO FREQUENCY PLATE COUPLING PRI: 30 OHMS SEC: 3000 OHMS 2 1/2 x 3 1/2 x 5 WT. 6 LB #229632.197</p>	<p>GR TYPE 60-AG357 INPUT 120 V. 400 CYCLE 3 PHASE 2100 VA IN TANDEM, OUTPUT 0-135 PRICE: UNUSED \$22.95</p>	<p>POWERSTAT PRI: 12 V 60 CYC SEC: 3.5 V. 2 AMP. #2-1066 PRICE: UNUSED \$1.30</p>
 <p>8HY 300 MA RESISTANCE 90 OIL FILLED WT. 7.5 LBS. SIZE: 8x3 1/2 x 4 1/2 #3340-310-190-04 \$5.95</p>	 <p>LOW PASS FILTER 2.7 KC CUTOFF WITH BALANCED 600 OHM IMPUT AND OUTPUT IMPEDANCE. SIZE: 1 1/2 x 5 1/2 x 3 1/2 WT. 4 LBS. STK 3Z1892-1.2 \$2.95</p>	 <p>115 V 50-65 CYC & AUX. VIBRATOR SEC: 444 CT 97MA 6.3 CT 3.2A 12.4V 390MA 4x3 1/2 x 3 1/2; 9 LBS. #5950-376-9600 \$4.95</p>	 <p>AUDIO OUTPUT TRANSFORMER PRI: 10,000/2500 OHM SEC: 10/2.5 OHM 3 1/2 x 3 1/2 x 2 WT. 5LB. #29531 \$2.95</p>	 <p>TRANSTAT REGULATOR FIXED 115 50/60CY VARIABLE 0-130 AMPS. 10 24 LB. #N30668 NO DIAL \$19.95</p>	 <p>TRANSTAT REGULATOR FIXED: 115 50/60CY VARIABLE 90-130 AMPS: 17.4 #28323 25 LBS. \$18.95</p>		

ANTENNAS

Mast Bases



Mast Sections



3 ft. Tubular steel, copper coated and painted sections. These screw together to make any desired length. MS-49 being the top & smallest section increasing in size through MS-50-51-52-53 to MS-54 being the larger one. Either the MS-53 or MS-54 will fit together to form any additional height desired. Example a 33 ft. vertical may consist of one each MS-49, 50, 51, 52, and 7 each of MS-53 or it may be finished out on the bottom with 6 MS-54 sections. Self support to about 18ft. Average Wt. app. 3/4lbs. MS-49-50-51-52-53 .50/ea. MS-54 .75/ea

MP-22 Side mount swivel mast base will tip to 90° either right or left. Has a spring snap lock in the vertical position, will take either the MS-53 or MS-54 mast sections. Size Mtg. plate 5" 6" X 10 1/2" high. Wt. 9 lbs. Price.....\$2.95

MP-22A Same as above except mounting hole is for the MS-51 with the MS-49, MS-50 and MS-51. This will make a 9 ft. tapered antenna. Price \$2.95

MP-48 MAST BASE FOR THE ABOVE MAST SECTIONS STARTING WITH MS-53 OR MS-54, HEAVY SPRING 2"x3 1/2", INSULATOR AT TOP, REQUIRES 1 1/2" HOLE MTG. SIZE: 3x16; 13 LB \$4.95

CU-168 ANTENNA COUPLER; PROVIDES MEANS FOR OPERATING 5 CENTERS FROM ONE ANT. UNBALANCED LINE INPUT NOV. IMPEDANCE 70 OHMS ON OUTPUT ALSO. FREQ. RANGE 2 - 32 MC, EACH COUPLING CIRCUIT HAS 4/12AU7 TUBES. POWER REQ. 115v. 50-400cy. RACK MTG. 19x8 1/2; WITH TUBES, UG-21 COAX. CONN. & MANUAL. WT; 75LBS. UNUSED \$29.95

PARABOLIC ANTENNA

DISH PAN TYPE, FOUR (4) FOOT DIAMETER ALUMINUM PAINTED GREY, 2 1/2" FEED FOR APPROX. 7100 MC. THREE INCH ROUND MTG. FOR WAVE GUIDE SIZE 1-5/16 x 5/8, FOUR (4) MOUNTING STUDS WITH HARDWARE.

PHILCO#463-2252-1. SHPG. WT. IN CRATE 225 LBS. \$29.95 DEFROST ATTACHMENT \$5.00 EXT LESS FEED SHIPPED IN CARTON WT. 75 LBS. SLIGHTLY DENTED \$15.00 FEED \$5

REFLECTORS MICROWAVE, PLANE TYPE CONFIGURATION, ALUMINUM, NOT PERFORATED. MOUNTED BY FRAME WORK OF REFLECTOR AND BRACKETS WITH HARDWARE, GUYS AND ADJUSTMENT FOR AZIMUTH. SIZE: 8 FOOT X 6 FOOT, NET WT. 125 LBS. SHPG. WT. 375. PRICE: \$50.00

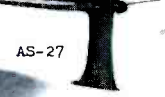
AS-150/ART Whip Antenna 30" long with 8ft. matching coax cable & SO-239 plug. \$1.50


AS-97/ART Whip same as above except 72"rod. 1.95


AS-27/ARN-5 Horizontal folded dipole as used with RC-103, BC-133, ARN-5 Equip. on airplanes. 108-110 MC. UNUSED \$5.95


AN-148 Dipole Antenna 150 to 180 MC. 2.95

AN-104A Stub Antenna f/SCR-522 100-156MC. 1.95

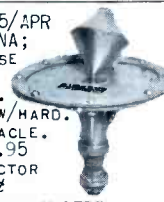
AS-27 

AN-148 

APS-2 REFLECTOR  POLISHED SPUN ALUMINUM. BAND CAN BE REMOVED. DIAMETER 29" x 27" FOCAL LENGTH 5" HOLE DIAMETER 2 1/2" SHPG. WEIGHT 6 LBS. PRICE: \$5.95

IN-86  STRAIN INSULATOR Size 1x3 4 for \$1.

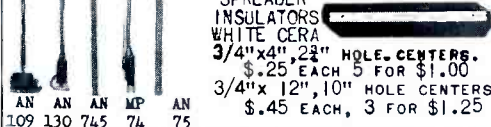
AS-125/APR ANTENNA; FOR USE W/RECEIVERS IN THE 1000-6000 MC. FREQ. RANGE, 6" MOUNTING W/HARD. JG-22 COAX. RECEPTACLE. SIZE: 6x8; 4LB. \$2.95 UG-21 COAX. CONNECTOR TO FIT ANTENNA 50¢



AT-598/APT WHIP ANTENNA 30 1/2" LG. WITH COAX. REC. F/UG-100A/U. WT: 5 LBS. \$1.50 MATCHING COAXIAL LINE RG-14 1 1/2" W/2UG-100, 1 UG-109 \$2.

AT-35 DIPOLE 200-250 MC. COAXIAL CONN. WT: 2LBS. ANTENNA WITH UG-22 2A288A-35 \$1.50

SPREADER INSULATORS WHITE CERA 3/4"x4"x2 1/2" HOLE. CENTERS. \$25 EACH 5 FOR \$1.00 3/4"x12", 10" HOLE CENTERS \$45 EACH, 3 FOR \$1.25



AN-109 WHIP ANTENNA; 5 FT. TAPERED 1/4 TO 1/8 PRICES: \$1.50 EACH SIX (6) FOR \$3.00

AN-117 WHIP ANTENNA; 6 FT. TAPERED 5/8 TO 1/8 PRICES: \$1.50 EACH SIX (6) FOR \$3.00

TRANSMITTING LEAD-IN INSULATOR, 15" LG. THREADED ROD W/CONE INSULATORS 2"x2x1 EA. END, 8" ADJUSTABLE INS. BETWEEN CONES.#4238, 2LB \$2.00


AN-745 TELESCOPING WHIP 8 FT. TAPER 5/8-1/8 PRICE: \$1.00 EACH SIX (6) FOR \$4.00

AN-130 GOOSENECK WHIP 30", SCREW BASE FITS INSULATOR LISTED BELOW. PRICE: \$1.00 EACH SIX (6) FOR \$ 4.00

AN-20T CHROME TELESCOPING 20" PRICE: \$.50 EACH SIX (6) FOR \$2.00

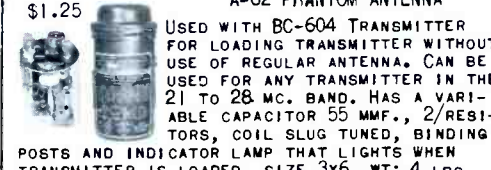
2A-124 ALUMINUM ROD 3/8" X 6 FT. NO TAPER PRICE: .75 EACH SIX (6) FOR \$3.00

NAVY WHIP ANTENNA & LOAD COIL ASSEMBLY TYPE CC1-51048 LENGTH EXTENDED 85", COLLAPSED 15 1/2", WIRE LEAD 3 1/2" W/SNAP FASTNER CONNECTOR. WT: 1 1/2 LB. PRICE: \$1.50




AT-96 ANTENNA FOR APN-12 160-240 MC, 50 OHM IMP. 15" FIXED BLADE, STREAMLINED BASE, REQ. UG-21 COAX. CONN. 6 LB. \$5.95

A-62 PHANTOM ANTENNA \$1.25 USED WITH BC-604 TRANSMITTER FOR LOADING TRANSMITTER WITHOUT USE OF REGULAR ANTENNA. CAN BE USED FOR ANY TRANSMITTER IN THE 21 TO 28 MC. BAND. HAS A VARIABLE CAPACITOR 55 MMF., 2/RESISTORS, COIL SLUG TUNED, BINDING POSTS AND INDICATOR LAMP THAT LIGHTS WHEN TRANSMITTER IS LOADED. SIZE 3x6. WT: 4 LBS



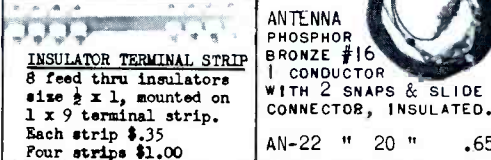
GROUND PLANE ANTENNA Ground plane antenna to cover 20 to 50 MC. Made from surplus insulated base & screw in type mast sections. Mounts on 1 to 2 inch pipe. Specify operating frequency range. \$10.95

AN-45 TELESCOPING ANTENNA 8 FT. \$1.95




INSULATOR TERMINAL STRIP 8 feed thru insulators size 1/2 x 1, mounted on 1 x 9 terminal strip. Each strip \$.35 Four strips \$1.00


ANTENNA PHOSPHOR BRONZE #16 1 CONDUCTOR WITH 2 SNAPS & SLIDE CONNECTOR, INSULATED. AN-22 " 20 " .65



AB-52/TRC-8 HALF WAVE DIPOLE ANTENNA & REFLECTOR 230-250MC 50 OHM COAXIAL FEED. DIPOLE 1/2" DIA. 20" LONG WITH 14" CENTER STANDOFF SUPPORT AT-35 AS SHOWN IN COLUMN TO LEFT. UG-22 COAX. CONN. REFLECTOR 36"x30" WHEN OPEN. MOUNTS TO MAST BY USE OF CLAMPS AND CAN BE USED FOR HORIZ. OR VERT. POLARIZATION. LESS CLAMPS, NUTS & BOLTS ALSO SPREAD ARMS. WT: 25 LBS PRICE: USED \$3.50 UG-21 COAX. CONN. TO FIT ANTENNA \$.75

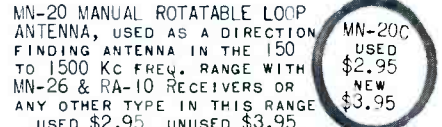


AS-69/APT 535-700 MC. TWO CROSS DIPOLES BENT DOWNWARD TOWARDS A SCREEN REFLECTOR (REFLECTOR NOT SUPPLIED) 1/2 WAVE TRANS. 1/2 WAVE PHASING. TAKES UG-21 CONN. 6" MOUNTING, 9 1/2"HX8"D. 8LB. \$9.95



MN-20 MANUAL ROTATABLE LOOP ANTENNA, USED AS A DIRECTION FINDING ANTENNA IN THE 150 TO 1500 KC FREQ. RANGE WITH MN-26 & RA-10 RECEIVERS OR ANY OTHER TYPE IN THIS RANGE USED \$2.95 UNUSED \$3.95

MN-20C USED \$2.95 NEW \$3.95

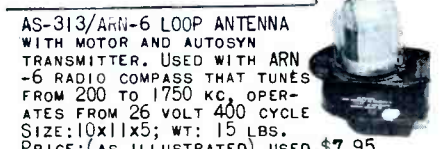


MN-52 AZIMUTH CONTROL BOX W/0-360 DEG. DIAL, LIGHT & CRANK USED WITH MC-124 FLEXIBLE SHAFT THAT IS CONNECTED TO THE LOOP AND WHEN CRANK IS TURNED LOOP TURN UNUSED \$2.95

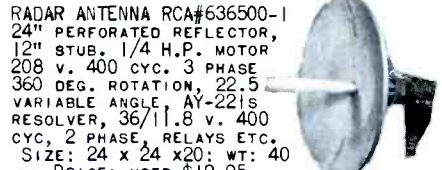
MC-124 FLEXIBLE SHAFT FOR USE WITH LOOP AND CONTROL BOX, 5 1/2 FT. \$1.95 EACH EXTRA FT. 25¢ SPECIFY/SHIP CLOSE

CABLE FOR ANTENNA LEAD-IN 5 WIRE SHIELDED WITH PLUG TO FIT LOOP OTHER END BARE WIRE 8 FT. LG. #AC58267 \$1.95

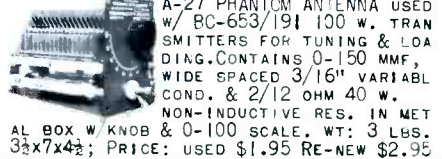
AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS THAT TUNES FROM 200 TO 1750 KC, OPERATES FROM 26 VOLT 400 CYCLE SIZE: 10x11x5; WT: 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95




RADAR ANTENNA RCA#636500-1 24" PERFORATED REFLECTOR, 12" STUB. 1/4 H.P. MOTOR 208 v. 400 CYC. 3 PHASE 360 DEG. ROTATION, 22.5 VARIABLE ANGLE. AY-221S RESOLVER, 36/11.8 v. 400 CYC, 2 PHASE, RELAYS ETC. SIZE: 24 x 24 x20; WT: 40 PRICE: USED \$19.95



A-27 PHANTOM ANTENNA USED W/ BC-653/191 100 W. TRANSMITTERS FOR TUNING & LOAD DIAG. CONTAINS 0-150 MMF, WIDE SPACED 3/16" VARIABLE COND. & 2/12 OHM 40 W. NON-INDUCTIVE RES. IN MET AL BOX W/ KNOB & 0-100 SCALE. WT: 3 LBS. 3 1/2x7x4 1/2; PRICE: USED \$1.95 RE-NEW \$2.95

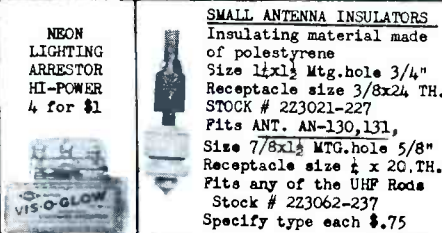


AERIAL MATCHING UNIT NO. CI 2A/CAN 9268. FREQ. RANGE 2 TO 8 MC. 50 TO 100 WATT, DEPEND- ING ON FREQ. CONTAINS VARIABLE CAPACITOR, TWO VARIABLE INDUCTANCE TUNERS, COUNTERS FOR PA TUNE AND ANTENNA TUNE. ALSO 1 1/2" "VU" METER ETC SIZE: 8x5x10; WT: 8 LBS. PRICE: USED \$18.95



SMALL ANTENNA INSULATORS Insulating material made of polystyrene Size 1x1 1/2 Mtg. hole 3/4" Receptacle size 3/8x24 TH. STOCK # 223021-227 Fits ANT. AN-130, 131, Size 7/8x1 1/2 MTG. hole 5/8" Receptacle size 1/2 x 20 TH. Fits any of the UHF Rods Stock # 223062-237 Specify type each \$.75

NEON LIGHTING ARRESTOR HI-POWER 4 for \$1



NEW COAXIAL CABLE

NEW MANUFACTURE AND BRANDED WITH STANDARD PRICE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-BETWEEN LENGTHS USE THE HIGHER PRICE. LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

		100 FEET	500 FEET	1000 FEET	5000 FEET
RG-8/U	52 OHM	.12	.11	.10	.10
RG-11/U	75 OHM	.20	.18	.17	.16
RG-58/U	53	.05	.05	.05	.04
RG-59/U	73	.05	.05	.05	.04

PRICES ARE PER FOOT

NEW COAXIAL CONNECTORS

SO-239	PL-259	M-359	PL-258 JUNCTION
\$.45 EA.	\$.45 EA.	\$.49 EA.	\$.89 EA.
10 OR MORE	10 OR MORE	10 OR MORE	10 OR MORE
\$.39 EA.	\$.39 EA.	\$.45 EA.	\$.80 EA.

TYPES MAYBE ASSORTED TO OBTAIN THE LOW PRICE

Coaxial Cable FOR LESS THAN 3c Per Foot!



RG-54 A/U CABLE

DESIGNED FOR LONG LIFE & CONSTANT ATTENUATION 58 OHMS, .250 OD. WITH POLYETHYLENE JACKET.

370 FOOT ROLL \$10.00 70 FOOT ROLL \$1.95

LESS THAN SPECIFIED LENGTHS .03 PER FOOT

COAX CABLE ASSY.

TYPE OHMS LENGTH CONNECTOR STOCK# PRICE

RG-8/U	52	30FT	2/UG-21	CG-55	\$1.75
RG-8/U	52	8FT	2/PL-259	CA-102	.75
RG-21/U	53	10FT	UG-21/22	CD-780S	.35
RG-22/U	95	40FT	PL-284	CD-879	.75
RG-22/U	95	46FT	PL-284	CD-878	.80
RG-22/U	95	50FT	PL-284	CD-877	1.00
RG-62/U	93	10FT	2/UG-88	CG-1410	.35
RG-62/U	93	22FT	2/UG-88	CG-1410	.75
RG-62/U	93	35FT	2/UG-88	CG-1410	1.00
RG-62/U	93	130FT	2/UG-88	CG-1410	1.95

CABLES FOR SETS

CABLE #	PLUG #	LENGTH	USED WITH	PRICE
3E7243-2	GK12-23	52 IN.	TCS/REC-PS	\$2.75
3E7273-19	SKC16-23	29 IN.	TCS/TRS-PS	2.75
CD-515		48 IN.	BC-669	5.95
CD-501	F/BC-654 & PE-103			4.95
CD-548	2EA PL118	9 FT.	TEST SET	4.95
CD-549	2/ PL-112	9 FT.	TEST SET	4.95
CD-526	2/ PL-153	5 FT.	274 N SERIES	4.95
CD-532	2/ PL-152	5 FT.	"	2.75
CD-509		8 FT.	BC-659/620	2.75

COAX CONNETORS USED

UG-260/U	BNC	PLUG	USED	.20 EA.	6 FOR \$1.00
UG-290/U	"	RECT.	"	.20	"
UG-291/U	"	PANEL J	"	.25	"
UG-88/U	"	PLUG	"	.28	"
SO-239	UHF	CHASS	"	.25	"
PL-259	"	PLUG	"	.25	"
M-359	"	ELBOW	"	.35	"
UG-21	N	PLUG	NEW	.59	"
UG-22	"	PANEL J	USED	.39	"
UG-23	"	JACK	"	.39	"
UG-29B	"	ST. AD	NEW	.79	"
UG-29S	SPEC. BULK.	"	USED	.79	"
UG-100/U	LN	PLUG	"	.59	"
UG-100	SPEC.	REC. CHAS.	"	.59	"
UG-109/U	LN	ST. AD.	"	.79	"
10H/528	ENG.	CHAS. REC	NEW	.59	"
10H/702	"	90 DEG.	USED	.59	"
10H/1366	"	STRAIGHT	"	.59	"
UG-260/U	BNC	RG-71/U	5" TO BULKHEAD	AD. N	.39
SAME AS ABOVE	W/90DEG.	UG	"	"	N
UG-260/U	BNC	RG-71/U	9" TO UG-291/U	N	.59
UG-260B/U	BNC	"	3" TO UG-262/U	N	.59



CRYSTAL TESTER

TS-268/U CRYSTAL RECTIFIER TEST SET: USED FOR TESTING DIODE CRYSTAL RECTIFIERS, CONTAINS 3" METER, 1 MA, FULL SCALE MOVEMENT WITH 0-1 DC MA AND 10 TO .1-0 KILOHMS, ALSO 5 POS. SELECTOR SW. ADJ. CONT. & PUSH SW. OPERATES FROM DRY CELL STANDARD BATTERY. USED TO CHECK 1N-21 & 1N-23 CRYSTALS ETC. SIZE: 4x7x4; WT: 5LBS. PRICE: USED \$5.95

DUMMY LOAD

AN/URM-13 DUMMY LOAD FOR TRANSMITTER IN THE 100-400 MC RANGE 5 TO 20 WATTS. DA-38/URM-13 DUMMY LOAD WITH UG-21 COAX. CONN. AND FOUR MAZADA 1476 LAMPS, FOUR EXTRA LAMPS AND 1 UG-83 ADAPTER THAT ADAPTS UG-21 TO PL-259, IN METAL BOX 2x4x2; 1 LB. PRICE: USED \$2.95



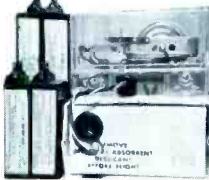
TS-238/TS-207 ECHO BOX WITH 200 DC MICROAMPERES METER 3" AND CRYSTAL ADAPTER FOR RF ENERGY. ECHO BOX IS A RESONANT-CAVITY DEVICE DESIGNED TO SIMPLIFY THE TUNING AND CHECKING OF RADAR BY PROVIDING A ARTIFICIAL OR "PHANTOM TARGET WHICH MAY BE USED IN USED IN TUNING THE RECEIVER TO THE TRANSMITTER IF NO REAL TARGETS ARE AVAILABLE. PROVIDES A CLEAR, STEADY ECHO OF KNOWN CHARACTERISTICS WHEN SUCH AN ECH IS NOT OBTAINABLE FROM NEAR BY GROUND TARGETS.) REQUIRES UG-21 COAX. CONN. SIZE: 11x15x7; WT: 15 LBS. PRICE: RE-NEW \$15.00 UG-21 COAXIAL CONNECTOR FOR ABOVE UNIT. 75c



MA-1 RANGE SERVO TEST SET USED FOR TESTING AND TROUBLE SHOOTING AIR FORCE TYPE "A" SERIES RANGE SERVOS. SPECIFICALLY, THE TEST PROVIDES A MEANS OF MEASURING THE VARIOUS OPERATING VOLTAGES OF THE RANGE SERVO UNITS TEST AND LOCALIZING THE TROUBLE WITHIN A RADAR GUNSIGHT SYSTEM. CONTAINS 3" 50 MICRO-AMP METER WITH 0-60 0-150 SCALES IN RED FOR ACV & 0-50/500 VDC SCALE IN BLK. SELECTOR SWITCHES, INDICATOR LIGHTS AND FOUR GORN CONNECTORS 12M & 12F WHICH ARE MALE & FEMALE 12 CONTACT ALSO CABLE WITH MATCHING DETACH PLUGS. SIZE, 10x10x7 1/2 IN ALUMINUM CASE. WT; 18 LBS. PRICE: RE-NEW \$18.95

RADIOSONDE

AN/AMT-2 RADIOSONDE: CONSISTS OF TWO MAJOR COMPONENTS: T-69/AMT-2 TRANSMITTER F-2 EMISSION (FM) 390 TO 410 MC RANGE, WITH TUBES 1/1L4 & 1/955 BATTERIES REQ. BB-208 DESCRIBED BELOW. ML-3100 MODULATOR WITH SENSOR MECHANISM CONTAINING ELEMENTS CONTROLLED BY PRESSURE, TEMPERATURE AND HUMIDITY WHICH IS THEN TRANSMITTED. UNIT IS ATTACHED TO TRANSMITTER WITH CLIPS AND CONNECTED BY CABLE. BB-208 BATTERIES ARE DRY CHARGED AND PLUG-IN TO THE TRANSMITTER BOX. CONSISTS OF 3/36 VOLT & 1/6 V. EQUIPMENT IS INTENDED TO BE TAKEN ALOFT BY A FREE BALLOON AND TRANSMIT METEOROLOGICAL INFORMATION TO A GROUND STATION. ACTUAL WEIGHT 2 LBS. SHPG. 3 LBS. ALL 3 \$3.95



TS-328A/U FREQUENCY METER 400 CYCLE POCKET TYPE IN CASE W/TEST LEADS, 9 REEDS 380-420 CYCLE 3x6x4; 2LBS. PRICE: USED \$7.95



T-650 AC OUTPUT METER; SCALES 0-1.5/6/15/60/150 SIZE: 3x6x3; WT: 3 LBS. USED CHECKED \$4.95 "AS-16\$2.



URC-4 TEST SET

TS-684/URM-30 ANALYZER FOR URC-4 RADIO SET, ALIGNMENT AND TESTING CONTAINS 0-1 MA METER, METERING SWITCH, CRYSTAL OSCILLATOR, ANTENNA CABLES ETC. IN METAL CARRYING CASE. SIZE: 6x6x4; WT: 4 LBS. NEW \$8.95



BC-221 FREQ. METER

THIS IS A SIMPLE ACCURATE AND RELIABLE CRYSTAL CALIBRATED FREQUENCY INDICATING INSTRUMENT FOR USE IN THE 125 TO 20,000 KC. RANGE, WITH A NORMAL OPERATING ACCURACY OF LESS THAN .02% CAN ALSO BE USED AS A SIGNAL GENERATOR OR VARIABLE FREQ. OSCILLATOR.

OPERATING VOLTAGE REQUIRED FOR DRY CELL OPERATION 6 VDC .9 AMP. & 135 VDC 20 MA. SIZE: 10x13x10; WT: 25 LBS.

UNITS MAY BE IN WOOD OR METAL CASES VARIOUS LETTERS, COMPLETE WITH TUBES, CRYSTAL, ORIGINAL CALIBRATION BOOK. USED SERVICEABLE \$65.00 PRICE: USED CHECKED FOR OPERATION \$79.50

TS-175 FREQ. METER 85-1000 MC

SAME AS BC-221 BUT WITH DIFFERENT FREQUENCY AND WITH MODULATION. USED CHECKED \$125

OSCILLOSCOPE



TS-149/TRC-6 OSCILLOSCOPE USED FOR VIEWING AND ADJUSTING THE PULSE CIRCUITS IN THE TRC-6 MULTIPLEX UNIT. OPERATES FROM 115 V 50/60CY WITH TUBES 3BP1, 3/6AK5, 2/6V6GT, 4/12B6T, 1/VR-105, 1/2X2 & 1 5R4GY. CONTROLS FOR

HORIZ./FOCUS/INTENSITY/ADJ. TIMING/ADJ. AMP./ ATTENUATOR/SYNC. INT. EXT. TIMING ON/OFF SW/ UG-23 COAX. RECEPT. FOR VERT. OUTPUT. FOR USE OF PROBE & CONN. FOR EXT. SYNC. W/SCHEMATIC ILLUSTRATION IS SHOWN LESS COVER. AC CONN. \$1.5 SIZE: 17x14x10; WT: 40 LBS. USED \$24.95



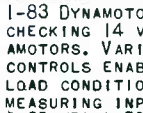
RADAR INDICATOR

1D-93/APG-13A RADAR INDICATOR USING A 3" SCOPE TUBE 3BP1, 2/6H6, 6/6SN7, 1/5Y3 & 1/2X2 TUBES. POWER REQUIRED 115 VOLT 380-1600 CYCLE, CONTROLS FOR VERT. HORIZ., INTENSITY, ZERO SLOPE, MARKER AMPLITUDE, RECEIVER GAIN, YARDS RANGE, FOCUS ETC. 28 VOLT D.C. REQ. FOR BLOWER, AC OR DC FOR FILAMENT. SIZE: 8x10x16; WT: 25 LBS. NEW \$18.95



BC-745 TRANSMITTER-RECEIVER A.M.

CHASSIS; 2 TO 6 MC. CRYSTAL CONTROL FIXED FREQ. BY USE OF PLUG IN UNITS. (SEE PAGE 5 FOR DESCRIPTION 12x6x6; WT: 7 LB. LESS TUBES \$3.95



1-83 DYNAMOTOR TEST SET USED FOR CHECKING 14 VOLT OR 28 VOLT DYNAMOTORS. VARIABLE INPUT & OUTPUT CONTROLS ENABLE SIMULATION OF LOAD CONDITIONS. 3" METERS FOR MEASURING INPUT & OUTPUT VOLTS 0-35 VDC & 500 VDC RESPECTIVELY. INPUT CURRENT 0-10 AMPS, OUTPUT 0-250 MA. ALSO METER FOR MEASURING PERCENTAGE OF RIPPLE IN THE INPUT & OUTPUT. (THIS IS NOT A DC POWER SUPPLY ONLY A TEST UNIT) SIZE: 12x12x10; WT 23 PRICE: USED \$18.95 CONNECTOR, CABLE & TERMINAL STRIP... \$2.75



TS-120 SIGNAL GENERATOR FREQ.

8990-9170 MC. USED FOR CHECKING RADAR & RADAR BEACON EQ. FUNCTIONS AS SIGNAL GEN. FREQUENCY METER AND WATT METER. MEASURES OUTPUT FREQ. POWER, OSC. FREQ. RECEIVER SENSITIVITY AND I.F. BANDWIDTH. MOD. FREQ. 1250 SQ. WAVE, PULSE DELAY 10-200 USEC., POWER OUTPUT 5-32DB PULSE OUTPUT 0-75DB, PULSE WIDTH 1-2, 2-5 USEC VIDEO OUTPUT 10-15V NEG. 115 V. 50-800 CYC. WITH TUBES 1/723, 2/0C3, 1/5R4, 2/6AC7, 1/6AG5, 2/6SN7, 1/6X5, 1/6Y6, 2/2050. SIZE: 23x12x14; 75 LBS. PRICE: USED SERVICEABLE \$25.00

FREQUENCY POWER METER




FREQUENCY POWER METER ME-51/UP FREQUENCY COUNTER 1100-3999 CALIBRATED TO FREQUENCY 3100MC TO 3500 MC. HAS 0-1.5 MA; 0-25 MW METER. WITH CABLES. IN METAL CARRYING CASE. 18 LBS. 8x9x9 1/2 USED \$19.95


Lōōk, Lōōk, Lōōk

LIMITED SUPPLY

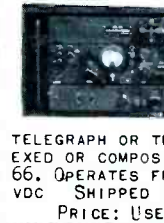
- WESTERN ELECTRIC 48A TRANSMITTER AND RECEIVER, 250 WATTS, 2-18 Mc., 30 CHANNELS, 120 VOLT 60 CYCLE... \$300.00
- COLLINS BC-460A TRANSMITTER 2-18 Mc. 11 PRESET CHANNELS 200/400 WATTS 115/230 V. 60 CYCLE... \$300.00
- TB-142A TRANSMITTER 275-510 Kc, 100, 150 WATTS, 1.5 V. 60 CYC. HALLI... \$150.00
- TB-143A TRANS. AMPLIFIER 275-510 Kc. 450 WATTS. ERC. RADIO... \$200.00
- NAVY TYPE CFT-52263 TRANSMITTER 200-550 KC 133 WATTS 115 V. 60 CYC... \$125.00
- BC-365 TRANSMITTER 150-550 Kc. 350 WATTS, 120/220 60 CYCLE... \$150.00
- DUMONT 303A OSCILLOSCOPE 5" 150.00
 " 256F " 5" 175.00
 " 241 " 5" 100.00
 " 275 " 5" 75.00
- TEKTRONIC 570 CHARACTERISTIC CURVE TESTER WITH 5" SCOPE... 300.00
- HEWLETT PACKARD 608A SIGNAL GENERATOR 375.00
 " 200AB AUDIO OSCILLATOR 125.00
 " 400D VACUUM TUBE VM 125.00
- RUTHERFORD A-2 TIME DELAY GENERATOR 35.00
 AIRBORNE NOISE FIGURE INDICATOR TYPE 74 75.00
 MEASUREMENTS ENG. CFR-1 FREQ. CALIBRAT. 75.00
 NORTHERN ELECTRIC ALL TYPE 392 MTI EVALUATOR SIGNAL GEN. w/3" SCOPE... 75.00
 CONTROL DEVICES PTM-7 PEAK METER 40.00
 FERRIS SIGNAL STRENGTH & NOISE METER 160-350KC & 550-20 Mc. No.P.S 50.00
- 619E HETERODYNE DETECTOR 25-5000 75.00
 GAG-60009 R.F. BRIDGE 25-5000 KC 95.00
 539-K84 VARIABLE AIR CONDENSER WITH DAVEN DECADE RES. BOX 750G 75.00
 LAF RF SIGNAL GENERATOR 100-800MC 95.00
 700A WRFB OSCILLATOR 50-40KC 75.00
 10 KC-5 MC 75.00
 6160 FREQ. METER 100 KC-5200 KC 75.00
 LR-3 FREQ. METER & CRYSTAL CALIB. 95.00
- I-107 VOLT-OHM-METER 15.00
 I-176 MULTIMETER 18.95
 I-126 SIG. GEN. 14-25/180-230 MC 40.00
 I-203 POWER METER 15.00
 I-222 SIGNAL GEN. 8-15/150-230 35.00
 LS-1 SIGNAL GENERATOR 90-95 MC 20.00
- AN/UPA-1B DETECTOR AMP. ASSY. U 30.00
 AM-405 AF-RF AMPLIFIER 1000-1700MC U 50.00
 AN/UPA-39A CODER-DECODER GROUP U 40.00
 AN-UPM-40 RANGE CALIBRATOR RE-NEW 75.00
 AN/GPM-17 TRANSPONDER TEST SET U 75.00
 AN/UPM-11 RANGE CALIBRATOR 75.00
 AN/UPM-25 RADAR TEST SET, FREQ., POWER SPECTRUM, BANDWIDTH ETC. 75.00
 AN/UPM-35 COMPUTER TEST SET 50.00
- TS-16 ALTIMETER TEST SET \$20.00
 TS-26 TELEPHONE LINE TEST SET 15.00
 TS-62 RADAR Echo Box 9200-9630 20.00
 TS-69 CAVITY FREQ. METER 25.00
 TS-67C Mod. ILS SIGNAL GENERATOR 50.00
 TS-89 VOLATILE DIVIDER 12.00
 TS-92 AMPLIFIER ALIGNMENT TEST SET 20.00
 TS-126 RANGE CALIBRATOR w/2" SCOPE 25.00
 TS-224 SIGNAL GENERATOR 25.00
 TS-280 Echo Box for TPS-3 15.00
 TS-497 SIGNAL GENERATOR 200-400 MC 225.00
- BC-610-H TRANSMITTER 2-18 Mc. 300/400 WATTS COMPLETE WITH BC-614 AMPLIFIER, RC-939 ANT. TUNER, COILS, OSCILLATOR ASSY TUNING UNITS. 115/50-60 CYCLE OPERATION, CRYSTAL/MO. COMPLETE EXCELLENT COND. \$750(SHELTER EXTRA.)
 BC-939 Receiver 100-156 Mc. AM WITH 115 VOLT 60 CYCLE POWER SUPPLY, RACK MOUNTING USED \$85
- TDQ TRANSMITTER 115-156 Mc AM. 50 WATT WITH 115/230 60 CYC. POWER SUPPLY, USED \$100
- BC-797 Transmitter 116-126.5 Mc. AM 50 WATT PHONE. 115V/60CYC. USED \$100 UNUSED \$200
- BC-1000 TRANSMITTER-RECEIVER 40-48 MC, BATTERY, PACK SET FOR PORTABLE USE, USED \$50.00
- BC-1335 TRANS-REC. 27-38.9 Mc USED \$19.95
 BC-654 TRANS-REC. 3800-5000 KC. USED \$19.95
 RDR RECEIVER 225-390 MC 12 VDC, NEW \$39.50
- NAVY CRV-46136 RECEIVER 100-1500 Kc. 3 BANDS. LESS TUBES. REQUIRES EXTERNAL SUPPLY. R-N \$35
- MANY OTHER ITEMS IN STOCK. WHAT DO YOU NEED?




STROWGER RELAY SWITCHING DECKS THAT MOUNT ON THE END OF THE ASSY. SHOWN TO THE LEFT 2 ASSEMBLIES OF 10 DECK 10 CONTACT. WT: 4 LBS. #10D10C. PRICE: USED \$1.00 WIPER ARMS 25¢ EA.



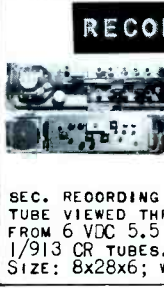
EE-101 TELEPHONE RINGING EQUIPMENT USED FOR CONVERTING 20 CYCLE RINGING TO 1000/20 CYCLE ALSO 1000 CYCLE TO 20 CYCLE FOR OPERATING TEL. DROPS ON 2 CHANNELS. OPERATES FROM 115/230 V. 60/60 CYCLE OR 12 VDC. WITH TUBES 6/6SJ7, 1/6V6GT. 19X9 RACK MTG. SHIPPED IN WOOD CHEST 100 LBS. PRICE USED \$9.95



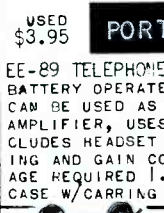
TG-30 REPEATER, TELEGRAPH TERMINAL FOR TRANSMITTING OR RECEIVING ON A HALF DUPLEX ONE CHANNEL OPERATION. CAN BE USED TO INTERCONNECT NEUTRAL AND POLARENTIAL OR TWO PATH POLAR TELEGRAPH OR TELETYPEWRITER SYSTEMS ON SIMPLIFIED OR COMPOSITED RETURN CIRCUITS. SPEED 60/66. OPERATES FROM 115/230 V. 50/60 CYC & 115 VDC. SHIPPED IN WOOD CHEST 25X16X14; 175 LBS. PRICE: USED \$9.95 RE-NEW \$16.95




TELEGRAPH REPEATER WE#61824A, TWO COMPLETE UNITS WITH RECTIFIERS THAT OPERATE FROM 115 V. 50-60 CYCLE. THE REPEATERS ARE DESIGNED TO OPERATE AT TELETYPE SPEEDS, OPEN WIRE COMPOSITED OR SIMPLEX CIRCUITS, 2 PATH POLAR OR OTHER FORMS OF TRANSMISSION. METERING, PATCHING JACKS, TESTING, MONITORING AND ADJUSTING CONTROLS ARE ALL AVAILABLE ON THE FRONT PANELS. THE UNIT IS HOUSED IN A METAL CABINET WITH A HINGED DOOR FRONT & BACK. SIZE: 22 1/2 x 17 x 42; WT: 200 LBS. RE-NEW PRICE: LESS PLUG-IN RELAYS RE-NEW \$19.95 WITH " " " RE-NEW \$34.95




RECORDER-VISUAL BC-1323A RECORDER-REPRODUCER AUDIO-VISUAL, USED TO RECORD ON STEEL TAPE 48" LONG 3 CHANNELS AUDIO FROM MICROPHONES, 64 OHM RECORDING HEAD, TAPE SIZE .050 W.X.002 TH.6" PER SEC. RECORDING SPEED. DISPLAY ON 2" 913 CR TUBE VIEWED THRU RUBBER EYE PIECE. OPERATES FROM 6 VDC 5.5 AMP. WITH 10/9001, 1/6AK6 & 1/913 CR TUBES. SIZE: 8x28x6; WT: 40 LBS. USED \$9.95



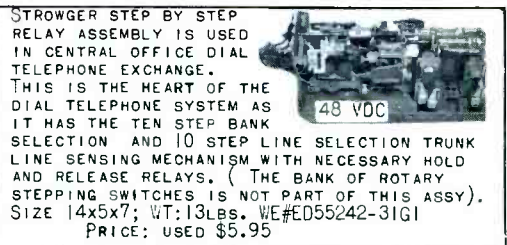
PORTABLE REPEATER EE-89 TELEPHONE REPEATER; PORTABLE BATTERY OPERATED, 2 WAY LINE UNIT, CAN BE USED AS TERM. OR INTERMEDIATE AMPLIFIER, USES ONE 3Q5GT TUBE, INCLUDES HEADSET ELEMENT FOR MONITORING AND GAIN CONTROL, BATTERY VOLTAGE REQUIRED 1.5 & 90 VDC. IN WOOD CASE W/CARRING STRAP. SIZE: 6X9X8; WT: 12 LBS. USED \$3.95



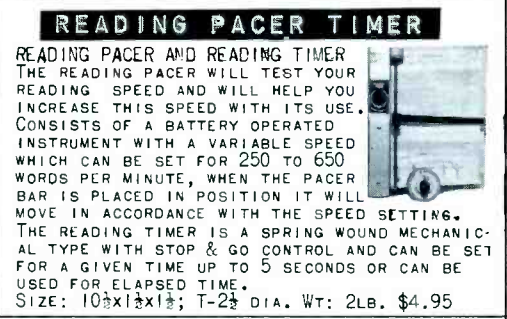
RM-42 CONTROL UNIT USED TO OPERATE A RECEIVER & TRANSMITTER FROM A REMOTE POSITION WITH 2 CHANNEL SELECTION ALSO USED AS INTER-COM OR CONNECTED TO BE USED AS TELEPHONE SYSTEM. HAS MAGNETO HAND CRANK GENERATOR FOR RINGING & HANDSET WITH PL-204 ALSO 2 TELEPHONE TYPE SWITCHES, 4 PILOT LIGHTS, VC, ON-OFF SW ETC. REQUIRES WIRES BETWEEN EACH UNIT FOR USE AS TELEPHONE AND BATTERIES. IN METAL CABINET WITH SLOPPING FRONT. SIZE 7x8x9 WT: 14 LBS. \$8.95



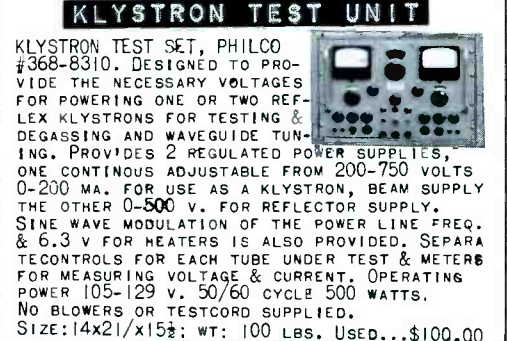
NAVY INTERPHONE AMPLIFIER USED WITH TCS EQUIPMENT. PUSH-PULL 2/12A6 TUBES, CARBON MIC. INPUT 75-200 OHM ALSO 600 OHM. OUTPUT 1 OHM. VOLTAGE REQUIRED 12 VDC & 250 VDC 60 MA. HAS MOUNTING FOR DYNAMOTOR 35X032, 12 VOLT. (SEE CONVERSION INFORMATION LISTED BELOW.) SIZE: 7 1/2 X 10 X 7; WT: 15 LBS. PRICE: AMPLIFIER WITH TUBES \$2.95 " " " & DYN. 6.95 KIT FOR CONVERSION TO SPEAKER OUTPUT, APPROX 5 WATTS, INCLUDES OUTPUT TRANSFORMER, MIC & PHONE JACKS, SWITCH, CABLE AND PLUG FOR PLUGGING INTO LIGHTER AND INSTRUCTIONS. \$2.00



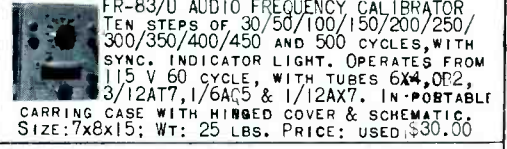
STROWGER STEP BY STEP RELAY ASSEMBLY IS USED IN CENTRAL OFFICE DIAL TELEPHONE EXCHANGE. THIS IS THE HEART OF THE DIAL TELEPHONE SYSTEM AS IT HAS THE TEN STEP BANK SELECTION AND 10 STEP LINE SELECTION TRUNK LINE SENSING MECHANISM WITH NECESSARY HOLD AND RELEASE RELAYS. (THE BANK OF ROTARY STEPPING SWITCHES IS NOT PART OF THIS ASSY.) SIZE 14x5x7; WT: 13 LBS. WE#ED55242-3IG1 PRICE: USED \$5.95



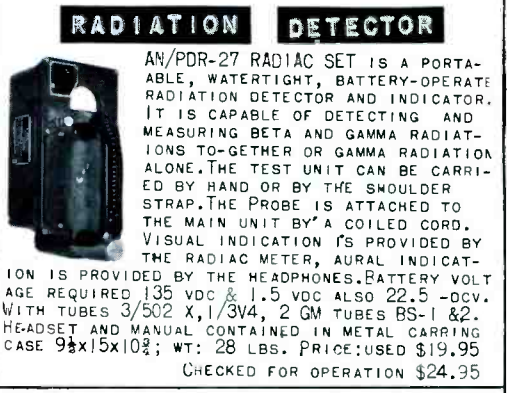
READING PACER TIMER THE READING PACER WILL TEST YOUR READING SPEED AND WILL HELP YOU INCREASE THIS SPEED WITH ITS USE. CONSISTS OF A BATTERY OPERATED INSTRUMENT WITH A VARIABLE SPEED WHICH CAN BE SET FOR 250 TO 650 WORDS PER MINUTE, WHEN THE PACER BAR IS PLACED IN POSITION IT WILL MOVE IN ACCORDANCE WITH THE SPEED SETTING. THE READING TIMER IS A SPRING WOUND MECHANICAL TYPE WITH STOP & GO CONTROL AND CAN BE SET FOR A GIVEN TIME UP TO 5 SECONDS OR CAN BE USED FOR ELAPSED TIME. SIZE: 10 1/2 X 1 1/2 X 1 1/2; T-2 1/2 DIA. WT: 2 LB. \$4.95



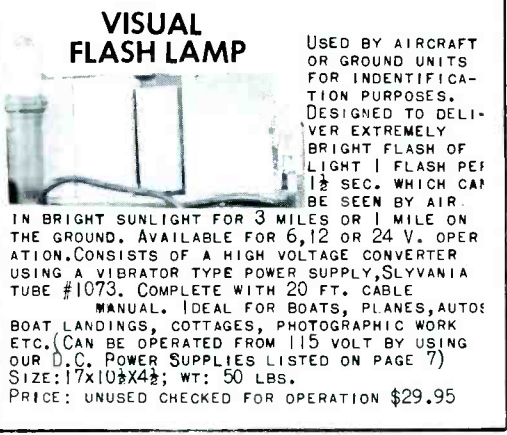
KLYSTRON TEST UNIT KLYSTRON TEST SET, PHILCO #368-8310. DESIGNED TO PROVIDE THE NECESSARY VOLTAGES FOR POWERING ONE OR TWO REFLEX KLYSTRONS FOR TESTING & DEGASSING AND WAVEGUIDE TUNING. PROVIDES 2 REGULATED POWER SUPPLIES, ONE CONTINUOUS ADJUSTABLE FROM 200-750 VOLTS 0-200 MA. FOR USE AS A KLYSTRON, BEAM SUPPLY THE OTHER 0-500 V. FOR REFLECTOR SUPPLY. SINE WAVE MODULATION OF THE POWER LINE FREQ. & 6.3 V. FOR HEATERS IS ALSO PROVIDED. SEPARATE CONTROLS FOR EACH TUBE UNDER TEST & METERS FOR MEASURING VOLTAGE & CURRENT. OPERATING POWER 105-129 V. 50/60 CYCLE 500 WATTS. NO BLOWERS OR TESTCORD SUPPLIED. SIZE: 14x21x15 1/2; WT: 100 LBS. USED... \$100.00



FR-83/U AUDIO FREQUENCY CALIBRATOR TEN STEPS OF 30/50/100/150/200/250/300/350/400/450 AND 500 CYCLES, WITH SYNC. INDICATOR LIGHT. OPERATES FROM 115 V 60 CYCLE, WITH TUBES 6X4, 6P2, 3/12AT7, 1/6AQ5 & 1/12AX7. IN PORTABLE CARRING CASE WITH HINGED COVER & SCHEMATIC. SIZE: 7x8x15; WT: 25 LBS. PRICE: USED \$30.00




RADIATION DETECTOR AN/PDR-27 RADIAC SET IS A PORTABLE, WATERTIGHT, BATTERY-OPERATE RADIATION DETECTOR AND INDICATOR. IT IS CAPABLE OF DETECTING AND MEASURING BETA AND GAMMA RADIATIONS TOGETHER OR GAMMA RADIATION ALONE. THE TEST UNIT CAN BE CARRIED BY HAND OR BY THE SHOULDER STRAP. THE PROBE IS ATTACHED TO THE MAIN UNIT BY A COILED CORD. VISUAL INDICATION IS PROVIDED BY THE RADIAC METER, AURAL INDICATION IS PROVIDED BY THE HEADPHONES. BATTERY VOLTAGE REQUIRED 135 VDC & 1.5 VDC ALSO 22.5 - DCV. WITH TUBES 3/502 X, 1/3V4, 2 GM TUBES 8S-1 & 2. HEADSET AND MANUAL CONTAINED IN METAL CARRING CASE 9 1/2 X 5 X 10 1/2; WT: 28 LBS. PRICE: USED \$19.95 CHECKED FOR OPERATION \$24.95



VISUAL FLASH LAMP USED BY AIRCRAFT OR GROUND UNITS FOR IDENTIFICATION PURPOSES. DESIGNED TO DELIVER EXTREMELY BRIGHT FLASH OF LIGHT 1 FLASH PER 1 1/2 SEC. WHICH CAN BE SEEN BY AIR. IN BRIGHT SUNLIGHT FOR 3 MILES OR 1 MILE ON THE GROUND. AVAILABLE FOR 6, 12 OR 24 V. OPERATION. CONSISTS OF A HIGH VOLTAGE CONVERTER USING A VIBRATOR TYPE POWER SUPPLY, PENNSYLVANIA TUBE #1073. COMPLETE WITH 20 FT. CABLE MANUAL. IDEAL FOR BOATS, PLANES, AUTOS BOAT LANDINGS, COTTAGES, PHOTOGRAPHIC WORK ETC. (CAN BE OPERATED FROM 115 VOLT BY USING OUR D.C. POWER SUPPLIES LISTED ON PAGE 7) SIZE: 17x10x4 1/2; WT: 50 LBS. PRICE: UNUSED CHECKED FOR OPERATION \$29.95


Control Boxes Filters Indicators Tuning Units Amplifiers



C-847/U CONTROL BOX FOR AN/VRC-19. CONTROL BOX CONTAINS 2 PILOT LIGHTS, MOMENTARY SPEAKER CONTROL, SQUELCH CONTROL, AND EXPLOSION PROOF SPEAKER. WHOLE UNIT IS WEATHER PROOF. SCHEMATIC INCL. 9x5 1/2 x 3 1/2. WT. 6 LB USED \$8.95 U-77 CONNECTOR PLUG FOR HANDSET. USED \$1.00




CONTROL PANEL CERAMIC ROTARY SWITCHES
LOCAL/REMOTE 3 CIR. 10 POS. CHANNEL, 50 OHM POT DIMMER. SIZE 6 1/2 x 2 1/2 x 1 1/2; 1LB. \$1.25 RDZ-H-307




TELECORD REMOTE CONTROL 3 NEON IND. 2 SPST PUSH SW W/25' 7 COND. CORD. 3x2x5 1/2; 5 LB. NEW \$4.95

C-87/ART-13 CONTROL BOX, WITH 11 CHANNEL SWITCH, OFF, VOICE, C-W-MW, IND. LIGHT, MIC JACK & CODE KEY. \$2.95

C-626/ARC-27 CONTROL BOX. AUTOMATIC CHANNEL SELECTOR PRESET MECH. W/ 24 V. DC MOTOR, RELAYS, GEARS ETC. SIZE 6 1/2 x 6 x 5; WT: 13 LBS. PRICE, USED \$4.95



BC-1303 CONTROL UNIT USED IN IE-36 TEST SET FOR SCR-522. HAS ALL FACILITIES FOR OPERATION, OFF-A-B-C-D CHANNEL SWITCH, MIC, PHONE & ANT. JACKS, TRANS, REC & REMOTE SW. & PL-170 RECEPTACLE. \$3.95




VERNIER DIAL 6" 0-100 SCALE ADJUSTABLE STOPS 5 POS. USED IN TAJ TRANS. 4 LB. \$2.75



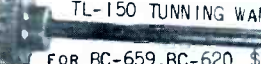
C-4/ARN-7 RADIO COMPASS CONTROL BOX USED W/R-5, 5A ARN-7, THREE BANDS 200-1750 2" TUNING METER & GRAIN OF WHEAT LAMPS. TAKES MC-124 CONTROL SHAFT. USED \$3.95 FT-224 MOUNTING FOR C-4 BOX WITH TERMINAL STRIP & PLUG USED \$1.50

BC-1366 CONTROL BOX CONSISTS OF 5 POSITION ROTARY SWITCH, VOLUME CONTROL & MICROPHONE & PHONE JACKS PRICE: \$1.00

BC-335 CONTROL BOX WITH MICROPHONE & PHONE JACKS VOLUME CONTROL. 3x3x1 1/2 2 LBS. \$.55



Beam Filter
NAVY TYPE RANGE BEAM FILTER 1020 CYCLE ACCEPTANCE OR REJECTION. PRICE: WITH PL-55 \$1.95




TL-150 TUNING WAND FOR BC-659, BC-620 \$7.75




SIDE BAND Loading Coil C-114 - \$1.50




PHONE PATCH TRANSFORMER C-161 - \$1.50



LAMP WITH REFLECTOR OR, BRACKET & 12 VOLT BULB. CAN BE USED FOR TRUNK, HOOD LIGHT OR MANY OTHER USES. REFLECTOR SIZE 1 1/2 x 2 1/2. 35¢ EACH #6210-702-8113 3 for \$1




KLAXON HORN USED ON AIRCRAFT LANDING GEAR SIGNAL. OPERATES 24 VDC. CAN BE ADJUSTED FOR 12 VDC ALSO FOR SOUND, GIVES OUT RASP. NOISE 3x5x3; 4 LBS. UNUSED \$1.50




FLASHER POSITION LIGHT, PERIODIC AIRCRAFT TYPE C-2, CONTAINS 2 FLASHER G-107 BALLAST TUBE, 24 VDC RELAY OPDT, COND, RES SIZE: 4x4x4; WT: 2 LBS. USED PRICE: \$1.00 EA. 2/\$1.50

HEATING ELEMENT 115 VOLT 500 WATT SINGLE SECTION STRIP 23 1/2 LG. X 1 1/2" WIDE X 7/16", METAL SHEATH & MTG. HOLES. 2 LBS. #225015-24 \$1.50 EA.



HEATING CABLE LEAD HEATING CABLE LEAD COVERED 25 OHM 60 FT. #PARANT-48 13LI 60 FT. LTH. \$2.95



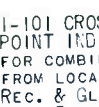
REMOTE CONTROL BOX 3 SPST SWITCHES, 2 EA. MIC & PHONE JACKS ALL WATER-PROOF, 1 DUAL POT. ETC. SIZE: 5 1/2 x 5 1/2 x 3 1/2. WT: 3 LBS. #CMX23366A NEW 75¢



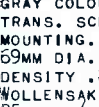
C-30/ARC-5 BC-451 BC-136/2
C-30/ARC-5 CONTROL BOX WITH 7 push button switches marked A, B, C, D, OFF, 1 & 2. Also tone, CW & voice switch & connectors. Price... \$1.00

BC-451 CONTROL BOX with switches tone-CW-voice, on-off, 1/2/3/4 also code key, mic & phone jacks. Price: \$1.00


BC-136-2 Control unit with mic & phone jacks, volume control & two binding post. \$.35 each Four for \$1.00




1-101 CROSS POINT INDICATOR FOR COMBINED USE FROM LOCALIZER REC. & GLIDE PATH REC. PART OF /RN-5 & RC-103. SIZE 3 1/2 x 3 1/2 x 3 WT: 3 LBS. USED \$1.95




CAMERA LIGHT FILTER GRAY COLOR 50% TRANS. SCREW IN MOUNTING. 2-23/32 69MM DIA. WRATTEN DENSITY .30 FOR WOLLENSAK TYPE V254 MM F4.5 35 MM P/O PH330G CAMERA 8A1101-50.4 \$1.95




VACUUM CAPACITOR VACUUM CAPACITOR 3 MMFD 15 KVDC, PLUS OR MINUS 10% W/ CONNECTORS. SIZE 5/8x4; 8oz. JENNINGS TYPE Y-3 \$1.50




TIMER CLOCK ACCURATE MOVEMENT DRIVEN BY SYNCHRONOUS MOTOR. CONTACTS TO AUTOMATICALLY TURN OFF A UNIT WHICH IS CONNECTED ACROSS T CONTACTS. MAXIMUM TIME ON, IS SIX HOURS. THIS CLOCK HAS MANY USES IN THE HOME AND SHOP. ALL CONTROLS ON FRONT. HAS SWEEP SECOND HAND. FACE, 4 1/2 x 3 1/2; 2 1/2" DEEP. 115V 60CYC. 4 LBS. \$2.95



BB-212 PLASTIC BATTERY NON-SPILLABLE, BALL INDICATOR 2 VOLT 40 A. 7x4x2 1/2; WT: 7 LBS. \$1.95



RB-208/ANT RADIC-SONDE DRY CHARGE BATTERIES, 4 IN A VACUUM PACKED CAN, ONE 6V 2 1/2 HR THRU 30 OHMS, 3 36V EA. 3A HR. THRU 1200 OHM. EA. BATT. SIZE: 1-5/16x29/32x4-5/32; WT. EA. BATT. 4 1/2 OZ. BATTERY PACK (4) \$5.99




N-T-6 PLASTIC STORAGE BATTERY DRY CHARGE, 6 VOLT 4 AMP. 3 1/2 x 2 1/2 x 2 1/2; 1 LB \$3.95




WILLARD PLASTIC STORAGE BATTERY 2 VOLT 28 AMP. HOUR NON-SPILLABLE, BALL INDICATOR DRY CHARGE, ADD ELECTROLYTE SIZE 4x5x3; WT: 4LB. \$2.95



AUTOTUNE HEAD FOR ATC/ART-13 TRANSMITTERS. MULTITURN UNIT WITH DIAL 0-100, KNOB, REVOLUTION COUNTING, LOCKING DEVICE FOR PRESETTING. CONTROL "B". COL#23518 PRICE: \$1.95



ID-14/APN-1 RADIO ALTITUDE METER, 3" SCALE 0-6 MA MOVEMENT. CAN BE USED AS A BASIC METER MOVEMENT AND CHANGE SCALE AS DESIRED. PRICE: USED \$1.50



FLEXIBLE COUPLING
1 2 3 4

CERAMIC INSULATED FLEXIBLE COUPLING FOR 13,500 VOLT FLASHOVER. 2 5/8" x 2 3/8" FOR 1/4" TO 3/8" SHAFTS. COUN001 EA. \$.50


METAL FLEXIBLE COUPLING 2" x 1 1/2" FOR 1/4" TO 3/8" SHAFT COUN002 EA. \$.40

INSULATED FLEXIBLE COUPLING 1" x 1 1/2" FOR 1/4" SHAFT. COUN003 \$.25


METAL FLEXIBLE COUPLING FIT 1/2" TO 3/8" SHAFTS. 1" DIA. 1 1/2" LONG. COUN005 \$.25




COUNTER CHAFF DISPENSER CONTROL WITH 5 DIGIT DECLINING COUNTER 2 AT A TIME 24 VDC OPERATION ALSO 12 POSITION WAFFER SWITCH. LESS DIAL LIGHT ASSY & SW. 6x4x3; 2 LBS. \$1.50



LANDING GEAR SWITCH ASSEMBLY, SINGLE POLE DOUBLE THROW, PLUNGER TYPE, PLUNGER IS DEPRESSED OPENS ONE CONTACT, CLOSES OTHER, SPRING RETURN. SIZE 3x2x1 1/2; PLUNGER 2 1/2. WT: 8 OZ. PRICE: \$1.50



DICTOGRAPH SWITCH BOX LEVER SWITCH 3 POSITION OFF-LISTEN-TALK, 2 INDICATOR LIGHTS, 6 POSITION WAFER SWITCH, 5 FT. 14 COND. CABLE, WOOD CASE WALNUT FINISH. 2x4x3 1/2 LBS. #DICT. 95083 \$3.95




ELECTRO DATA PLUG IN COMPUTER ASSY. 5 DIODES, 1 VOL. CON 37 RESISTORS, 17 CAPACITORS, 7 TUBE SOG. 9 PIN ETC. WT: 3 LBS. #42.2 FOR \$1




NICKEL CADMIUM BATTERY. 1.2V RECHARGEABLE BATTERY. OUTPUT APPROX. 4 AMP HR SIZE: 1 1/2 x 2 x 6 WT. 6OZ PRICE: \$2.50



RIGHT & LEFT ANGLE DRIVE SHAFT 3/16" SIDE 1/2 MALE & 1/2 FEMALE. 2 1/2 x 2 1/2 x 1 1/2 \$1.50




VERNIER DIAL 2 1/2" 100 TO 0 SCALE. TAKES 1/4" SHAFT. PRICE: \$1.50




BC-347 AIRCRAFT INTERPHONE AMPLIFIER

Used in small planes for speaking. Has two ounce transformers Carbon microphone input & standard headset output. Requires 12 Or 24 volt & 250VDC. Uses 6P8 tube. Size 3x2x5 WT 3lbs. With tube \$1.95 Less tube \$1.25


BC-212 INTERPHONE AMPLIFIER USED IN AIRCRAFT FOR INTER COMMUNICATION, CARBON MIC INPUT, OUTPUT FOR 2000 OHM HEADSET. W/ 2/6J5 TUBES. VOLTAGE REQ. 12 V & 220Vdc SIZE: 5x5x2; 2 LB. \$1.95




AMPLIFIER IN TANK FOR INTERPHONE. W/ TWO 6V6 TUBES, LESS DYNAMOT OR. REQUIRES 250 VDC 50 MA. & FILAMENT VOLTAGE. SIZE: 9x9x3; WT: 10 LBS. BC-367 NO CASE F/12V \$1.95 BC-667 W/ F/24V 2.95



BATTERY CHARGER FOR BB-51 & BB-52 BATTERIES. TRICKLE CH OPERATES FROM 6 OR 12 VOLT STORAGE BATTERY. HAS 2-3" METERS 0-100 DC VOLTS AND 0-30 & 0-300 DC MILLIAMPS SCALES. SIZE: 12x8 1/2 x 7; WT: 20 LBS. PRICE: \$14.95



100 POWER INSPECTION MICROSCOPE MANUFACTURED BY JONES & LAMSON MACHINE CO. 9 1/2 x 2 WT. 5 LBS. \$14.95




VIBRATORS
VB-16/6, 12 OR 24 VOLT FOR PE-237 \$3.95

TYPES LISTED BELOW \$1.95 EACH

VB-1/6VOLT FOR PE-117
PE-97 & PE-237
SAME AS VB-7

VS-3/6VOLT FOR PE-104
SAME AS MALL-5500

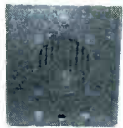
G534/12 VOLT FOR PE-110
VB-8/2 VOLT FOR PE-157
VB-9/6 VOLT FOR PE-157
VB-11/24 VOLT FOR PE-12
VB-12/6 VOLT FOR PE-120
VB-13/12 VOLT FOR PE-12



TS-279 DUMMY ANTENNA LOAD
Three inch pyrex feed thru insulator, 1000 ohm 100 watt resistor with two test lead & clips. Cabinet size 13 x 6 x 4". Can be used for a chassis. Stock # TS-279 Price \$1.95

MINIMUM ORDER \$3.00

POWER SUPPLIES



RECEIVER POWER SUPPLY & SPEAKER FOR THE FOLLOWING SETS
 R-23/ARC-5 BC-453 BC-342
 R-24/ARC-5 BC-454 BC-344
 R-25/ARC-5 BC-455 BC-348
 R-26/ARC-5 BC-946 BC-429
 R-27/ARC-5 RAX

COMPLETE WITH 6" DYNAMIC SPEAKER HOUSED IN A METAL CABINET WITH CONNECTING CABLE PLUG, PHONE JACK, VOLUME CONTROL, BFO SWITCH ETC. IF REQUIRED. CAN ALSO BE USED FOR OTHER SETS. OUTPUT 200/250 VDC @ 90/60 MA. & 24 VAC @ 2A. INPUT 115 VOLT 60 CYCLE. SPECIFY FOR WHAT SET. SIZE: 10x10x6; WT: 15 LBS. NO. P.S.(SET NUMB.) PRICE; KIT OF PARTS \$17.00 WIRED \$19.95

BC-652 RECEIVER POWER SUPPLY WITH SPEAKER SAME AS ABOVE; KIT \$20.00; WIRED \$23.95



BC-603/BC-683 RECEIVER P.S. DESIGNED TO BE PLUG IN-TO THE SAME PLACE AS THE DYNAMOTOR WITH NO CONVERSION TO THE SET THAT WILL EFFECT THE OPERATION FROM THE DYNAMOTOR. ONLY WORK REQUIRED IS ADD ON/OFF SWITCH IN PLACE OF SPAR FUSE HOLDER. TRANSFORMER TYPE USING 5Y3GT TUB

OUTPUT 220 VDC, 80 MA. & 24 VDC 2 A. WT: 5LBS. NO. P.S.603/683 KIT \$10.00 WIRED \$14.95

BC-923 RECEIVER POWER SUPPLY

OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 275 VOLTS DC, 150 MA. & 12.6 VOLTS AC. 4 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5U4G TUBE, CHASSIS, WIRING DIAGRAM, LINE CORD ETC. SIZE: 5x6x9; WT: 15 LBS. PRICE #PS-923 \$22.95



R-77/ARC-3 RECEIVER POWER SUPPLY

OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 210 VOLTS DC @ 125 MA. & 24 VOLTS AC @ 2 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5Y3GT TUBE, CHASSIS, LINE CORD ETC. #PS-R77/ARC-3 SIZE: 5x6x9; WT: 14 LBS. (LAYOUT SAME AS 923) PRICE \$22.95

POWER SUPPLY No. 7630019. OPERATES FROM 115 VOLT 60 CYCLE DUAL HIGH VOLTAGE OUTPUT 400 DC 200 MA & 400 DC 200 MA. ALSO 6.3 VAC 2.75 A. & 6.3 VAC 5.5 A WITH 2/5R4GY TUBES. SIZE: 10x7x15; WT: PRICE: \$19.95



CABLE WITH 18 CONTACT PLUG TO FIT P.S \$2.00

POWER SUPPLY No. 7630020VR VOLTAGE REGULATED, OPERATES FROM 115 VOLT 60 CYCLE, OUTPUT 200-250 DC. @ 150-250 MA. ALSO 6.3 VAC 2.75A & 6.3 VAC 5.5 TUBES 2/6AS7G, 1/VR-105, 1/6AK7 & 1/5R4G. WT: 30 LBS. SIZE: 11x11x10x6 \$18.95



CABLE WITH 18 CONTACT PLUG TO FIT POWER SUPPLY PLUG, 4 FOOT \$2.00

POWER SUPPLY 763003 (MODIFIED) OUTPUT 375 VDC @ 225 MA & 6.3 VAC @ 2.75 A, 6.3 VAC @ 5.5 A. INPUT 115 VOLT 60 CYCLE. WITH 2/5R4GY TUBES. SIZE: 9 x 13 x7; WT: 35 LBS. PRICE: \$14.95



CONNECTOR 18 CONTACT \$2.00

PP-662/GPN POWER SUPPLY, VOLTAGE REGULATED, 300 VDC 10 TO 90 MA. PLUS POTENTIAL, 210 VDC MINUS. WITH TUBES 4/5651, 2/6AH6, 1/12AT7, 2/6AS7, 1/5Y3 & 1/5R4. OUTPUT PIN JACKS WITH ADJUST METERING SWITCH, FUSED OUTPUT & INDICATOR LIGHTS. SIZE: 10x8x20; WT: 35 LBS. NO. COVER OR PLUG IN RELAY. PRICE: USED \$14.95



DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE CORD, PILOT LIGHT, LINE FUSE ETC. INDICATED RATINGS ARE FOR LOAD CONDITIONS.

DUAL OUTPUT 12/14 OR 24/28 VDC @ 6 AMPS. SIZE 7x6x13; WT: 17 STK#PS-12/24VDC6A
 KIT OF PARTS...\$20.00
 WIRED COMPLETE... 24.95



OUTPUT 12/14 VOLTS DC @ 6 AMPS. SIZE: 5x9x5; WT: 20 LBS. STK#PS-12VDC6A
 KIT OF PARTS...\$14.00
 WIRED COMPLETE.... 18.95

OUTPUT 24/28 VOLTS DC @ 4 AMPS. SIZE: 5x9x5; WT: 12 LBS. STK#PS-24VDC4A
 COMPLETE WIRED..\$17.95
 KIT OF PARTS.... 13.00

OUTPUT 12/14 VOLTS DC @ 4 AMPS. SIZE: 5x9x5; WT: STK#PS-12VDC4A
 COMPLETE WIRED..\$14.95
 KIT OF PARTS.... 10.00

OUTPUT 24/28 VOLTS DC @ 1 1/2 A. SIZE: 7x6x5; WT: 6 LBS. #PS-24VDC1.5A WIRED..\$10.95
 KIT OF PARTS \$8.00

OUTPUT 12/14 VOLTS DC @ 2 AMP. SIZE: 7x6x5; WT: 7 LBS. #PS-12VDC2A WIRED...\$9.95
 KIT OF PARTS..... 7.00

MOBILE SUPPLY

AVA-126 VIBRATOR POWER SUPPLY; OUTPUT 300 VDC 100 MA. OPERATES FROM 6, 12 OR 24 VOLTS D.C WHEN THE PROPER VIBRATOR IS USED, OCTAL BASE. SUPPLIED WITH 6 VOLT VIBRATOR (USED WITH AVT-112 AIRCRAFT TRANS) ILLUSTR. COVER REMOVED. UNUSED SIZE: 7x7x7; WT: 12LBS. \$4.95

RA-42 POWER SUPPLY RACK MOUNTING 19", 115/230 V 60 CYC OPERATION. OUTPUT 200-250 VDC 100 MA HOUSED IN CABINET 7x8x6; WT. 30 LBS. RA-42 B RENEW \$11.95

VOLTAGE REGULATED POWER SUPPLY AS USED TS-67 TEST SET, OPERATES FROM 115 V. 60 CYCLE, OUTPUT 150 VDC & 20 MA & -30 VDC @ 40 MA. AND 6.3 VAC @ 5 AMP. (TRANSFORMER RATING IS 700 VOLT C.T @ 100 MA. P.S. CAN BE RE-WIRED FOR HIGHER OUTPUT) WITH TUBES 1/5Y3, 1/6X5, 2/VR-150, 2/6G6 CONNECTOR PLUGS, 2 REQ. \$1.00 EA.

RA-74D POWER SUPPLY FOR RECEIVERS BC-779, 794, 1004, R-270 & R-129U. INPUT 95/105/117/130/190/210/234/260 VAC 25-60 CYC. OUTPUT 380 VDC @ 50 MA. 250 VDC @ 100 MA 100 VDC 4.5 MA -50 VDC 11 MA & 6.3 VAC 7 AMP. WITH TUBES 1/5Y3GT & 1/5U4G. RACK PANEL MTG. SIZE: 19x10x10; WT: 100 LBS PRICE: RE-NEW\$24.95

PE-110D POWER SUPPLY FOR BC 669 TRANSMITTER-RECEIVER. INPUT 115 VOLT 60 CYCL OUTPUT 520 VDC @ 420 MA. 275 VDC VDC @ 64 MA. AND 13.6 VAC @ 4.6 AMP. WITH 4 TUBES 5Z3, RESET CIRCUIT BREAKERS A.C. OUTLETS AND POWER OUTPUT PLUG. AN OPTIONAL ITEM IS THE 12 VDC POWER PACK VIBRATOR TYPE WITH A OUTPUT OF 275 VDC @ 64 MA. THAT WAS USED FOR RECEIVER STANDBY AND PLUGS IN ON THE CHASSIS. SIZE: 20x9x12; WT: 100 LBS. UNUSED PE-110D Power Supply LESS 12V PACK \$29.95
 12V PACK 4.95

PE-110B Power Supply SAME AS ABOVE ONLY DOES NOT HAVE CIRCUIT BREAKERS, HAS FUSED CIRCUITS. SIZE: 14x9x12; WT: 75 LBS. USED PE-110B P.S LESS 12 V. POWER PACK... \$19.75
 CD-515 CABLE FOR PE-110 \$5.95

RECTIFIER 12 VDC

RECTIFIER POWER UNIT 12 VDC 20 AMP CONTINUOUS DUTY OUTPUT, INPUT 115/440 VOLT 60 CYCLE, 3" METERE 0-15 D.C VOLTS, 0-30 DC AMPS. COARSE & FINE CONTROLS, SELINIUM RECTIFIERS BRACKETS FOR WALL MTG. SIZE: 12x11x11; WT: 70 LBS. NEW NAVY#6130-542-6140; Mod. #S20-GS12VN \$45.00



POWER SUPPLY FOR TRANSISTORS. INPUT 115 VOLT 60 CYCLE OUTPUT 0-100 VDC @ 0-100 MA. WITH TUBES 2/6L6, 12AX7, 6AU6, 5U4, 0A2 & 0G3. FOR RACK PANEL MTG. 19" x 3x7; WT: 16 LBS. #PS-968 USED \$29.95

PP-142 POWER SUPPLY VOLTAGE REGULATED 300 VDC 250 MA. ALSO 6.3 @ 3.75, 6.6 @ 9 A. WITH TUBES 3/6Y6G, 2/5U4G, 1/6AC7 & VR-150 ADJUSTMENT FOR B FUSE-LINES, INDICATOR AND EXT. JACKS FOR OUTPUT ON FRONT PANEL. SIZE: 9x16x12; WT: 85 LBS. USED \$22.50



TS-147 REGULATED POWER SUPPLY IN CASE WITH FRONT PANEL AND SOME PARTS. POWER SUPPLY 115 V. 60 CYC. OUTPUT 300 V. 36 MA, 6.3 @ 1 1/2 A 6.3 @ 1.7A WITH TUBES 5R4 6Y6, 6SH7 AND 2/0B2. CASE SIZE: 18x12x11; WT: 35 LBS. PRICE: WITH TUBES AND 2" MILLIWATT METER \$15
 " " " NO METER \$11.95

PP-68 VIBRATOR PACK CONVERTS 6 OR 12 VOLTS DC TO 115V 15 WATT OR 50 WATT TO RUN SMALL APPLIANCES. IDEAL FOR USE ON CAMPING TRIPS. INPUT: 6 OR 12 VDC OUTPUT: 115 V 60CYC 15 OR 50 WATTS. WT: 22 LBS SIZE: 9x8x7 1/2 USED \$9.95



RA-43-B RECTIFIER TUBE TYPE OUTPUT 115V 525W DC; INPUT 95-125V, 50-60CYC AC. PROVIDES POWER FOR 1 TO 3 SWITCHBOARDS. REQUIRES 2/6F6 INCL AND TWO 6GJ, NOT INCL. WT. 165 LBS. SIZE: 22x17x10 PRICE: \$24.95 USED



PE-204 VIBRATOR POWER SUPPLY OPERATES FROM 12 VDC OUTPUT VOLTAGES 2/4.3 VDC @ 50 MA. 2/45 VDC @ 1/2 AMP. 2/85 VDC 5 MA. SIZE: 7x5x5 1/2; WT: 12 LBS PRICE: UNUSED \$3.95



SCOPE POWER SUPPLY 110 VOLT 380-420 CYCLE INPUT, OUTPUT APPROX. 1800 VOLTS 1.5 MA. WITH TRANSFORMER, 2/CONDENSER .1 4000 VDC, 1/12Z TUBE, TERMINAL STRIP RESISTORS ETC. SIZE: 6x7x5; WT: 5 LBS. GE ASSY#7608055 \$2.95

PP-111/APS-10 POWER SUPPLY AS USED IN THE APS-10 RADAR SET. OPERATES FROM 115 VOLTS 400 CYC & 24 VDC FOR FILAMENT, SUPPLIES 4000 VDC 105 VDC & 300 VDC. WITH TUBES 6X5 VR-105, 5R4, 6Y6, 6SH7, 2X2. SHOCK-MOUNTED CHASSIS, SIZE: 9x11x13; WT: 21 LBS PRICE: USED \$4.95 NEW \$6.95



MULTI OUTPUT SUPPLY

RA-105 POWER SUPPLY; INPUT 115 VOLT 60 CYCLE, OUTPUT D.C. VOLTAGES 2400 VDC (FOR SCOPE) 544, 415, 295, MINUS VOLTAGES 1480, 290, 110, FILAMENT VOLT. 6.45@12 AMP, AND 6.45 @ 10 A WITH TUBES 3/5U4G, 3/2X2 AND GOV'T RE-COND. \$14.95
 CIRCUIT BREAKERS AND LIGHT INDICATORS. SIZE: RACK MTG. 24"x24"x10; WT: SHPG. 200 LBS.



RELAY

RELAY 24 VDC SPDT
1x1x1
#CVS 571981 \$3.35

TELEPHONE TYPE

RELAY 4PST NORMALLY OFF 12
VDC GR204-BC-966A 1x1x3 3/4
3380-557180-7435 \$1.00

RELAY 12 VDC MAKE 2, BREAK 1
2 SEPARATE WINDINGS. 3x1x1 1/2
4C8691-128 \$.75

RELAY 12 VDC, 2 BREAK, 2 MAKE
3x1x1 #4C8691-67 \$1.00

RELAY 200 VDC 135 MA, ONE
COIL 1100 OHM, OTHER 1200
OHM, CONTACTS 2PDT, 6PST-NO
1PST-NC #5945-259-4275 \$1.

RELAY 150 VDC 150 MA. 1000
OHM COIL, CONTACTS 6PDT &
4PST-NO POTTER & BRUMFIELD
82-92-1005 BS-2202 \$1.00

RELAY CONT ARRANGEMENT 2E/E
IC. 115 VAC 60 CYC FAST ACT
BREAK 7; MAKE 4. 4x2x1 1/2
277593-41 \$1.50

ROTARY RELAY
18-32 VDC, TWO
WINDINGS, ONE 7.1
-8 OHMS, OTHER
260-275, 2 WAFER
TOP 6 POS. BOTTOM
7 POS. SIZE 2x1 1/2
1x1; WT: 4 OZ. OAK #75-2
22K7705-19 \$1.00

ROTARY RELAY SAME AS ABOVE
2 WAFER, 12/14 VDC, CONTACT
3 BREAK, 1 MAKE/BREAK AND 3
MAKE, OAK 5325 S-104/BC604
206494A/R4 RE-MOVE \$1.25

RELAY 12 VDC, 67 OHMS DPDT
NORMALLY OPEN. REMOVED FROM
EQUIPMENT. 2x3x1 1/2
SW-182-F \$.50

RELAY 6V D 1x1x1
41F 500S-SIL \$.50

PLATE RELAY 10,000 OHMS.
CONTACTS 115 VAC @ 5 AMPS
1x1x1 #R3P-3189 \$1.50

SEALED RELAY TWO COILS
EACH WITH DPDT. COILS
NOT OPERABLE SIMULTAN-
EOUSLY. ONE COIL IS
CONTROLLED BY THE CON-
TACTS OF THE OTHER. OPERATE
FROM 12 VDC. 2x2x1 1/2
57175 \$1.00

INTERVAL TIMER ASSEMBLY
RELAY TIME DELAY
5 MIN. RESET
DELAY 100 SEC.
MOTOR VOLTAGE
120V 400 CPS
CLUTCH VOLTAGE 28 VDC.
ALL IED CONTROL UNIT; 115V
400 CPS, CONT. 2A-29VDC
AND 24V 4PDT RELAY. 5LBS.
#SS 19180 \$2.95

CRAMER
TIME DELAY RELAY
METER INDICATOR
TYPE, SHOWS IF
UNIT IS ON OR OFF.
SIZE 3x3x3

#59C48746 2 SEC. \$4.95
#59C48748 20 " 4.95
#59C48747 2 MIN. 4.95
#59C48805 SAME AS ABOVE
ONLY 3" RD. 3 MIN. \$4.95

SILICON

RECTIFIER

POWER TESTED AT
1 MA MAX. LEAKAGE

1 AMP. (TOP HAT)	
50-200 PIV	\$.10
200-400 "	.15
400-600 "	.25
600-800 "	.35
800- "	.45
1000 "	.55

5 AMP. (STUD)	
200-400 PIV	.50
400-600 "	.60
700 "	.70
800 "	.85
1000 "	1.75

INI347 6 AMP. 500
PVI (GOLD) 1.50

35 AMP. (STUD)	
50 V	\$.75
100 V	1.00
200 V	1.50
300 V	2.00
400 V	2.25
500 V	2.50
600 V	3.00
900 V	4.00

STRATOPACK FOUR
SECTION RELAY
SECT. #1 4PDT
" #2 4PDT
" #3 4PDT
" #4 6PDT
24 VOLT D.C
3x4x7; 5LB \$1.95

RHEOSTAT

OTHER VALUES
IN STOCK
WRITE FOR
YOUR NEEDS

STK #	WATTS	OHMS	PRICE
1050-PL	25	.25	\$.50
30993	25	50	.50
750KK	25	75	.50
13990"	25	100	.50
201KK	25	200	.50
299DC	25	200	.50
25250	25	250	.50
50853-1	25	250	.50
13990-L29"	25	1000	.50
152KK	25	1500	.50
642-4609	25	5	.50
41132	50	7.5	.75
353-5049	50	8	.75
15822	50	17	.75
5895	50	20 (DUAL)	1.00
666-1731	50	34	.75
075-365-9	50	50	.85
32229	50	60	.75
581-0066	50	100	.75
(W/MICRO. SW-NC-NO)			1.00
8852-L20	50	600	.75
193-3450	50	2500	.75
201FK150	100	15	1.50
316-0796	100	360	1.50
2R0KK	100	2	1.50
3R0KK	100	3	1.50
6416	100	6	1.50
695692-1	100	10	1.50
120KK	100	12	1.50
2469U	100	1100	1.50
549-5683	150	750	2.95
1025	150		.25
1050	150		.50
697242-3	150	25	2.95
154	150	25	2.95
665-6938	150	3	2.95
563501	150	125	2.95
351KK	150	350	2.95
235944	150	400	2.95

PLEASE LIST SECOND CHOICE
RHEOSTAT IN DUST-PROOF CAN
SCREW DRIVER ADJUSTMENT.

CRYSTALS

100 Kc.
CRYSTAL
UNIT CR-15/U
JAMES KNIGHT
TYPE H-11M
3 PRONG 1x1
\$3.95

BLILEY 100 Kc. CRYSTAL TWO
PRONG 1/2" SPACING #KV3A
\$3.95

1000 KC CRYSTAL FOR BC-221
OCTAL BASE \$5.95

465 KC CRYSTAL, RESONATOR
TYPE FILTER AS USED IN BC-
794, BC-1004 ETC. \$1.50

200 KC CRYSTAL IN OCTAL
TYPE TUBE HOLDER \$3.50

CRYSTALS: FT-241-243 21-39
Mc. F/BC-604-684-620-659
NO CHOICE FREQ. 5 FOR \$1.00

IN-21A CRYSTAL DIODE
\$.25 EACH 5 FOR \$1.00

CRYSTAL OVEN 110 V.
60-1000 CYC. FOR
HC-6/U, CR-26/U ETC
CRYSTALS, WELL FILT-
ERED, OCTAL BASE
MOUNTING WITH 254.
72 CRYSTAL.
1x4x1 1/2; WT 1 OZ.
#HUG 945550-1 \$1.95

CRYSTAL OVEN
VOLTAGE: 26.5
TEMP: 85°C
30 WATTS SIZE:
2x4x4
537 \$1.25

CRYSTAL OVEN 6.3V
FOR TEN HC-6/U,
CR-26/U ETC. HOLD.
MOUNTED ON PRINTED
CIR. BOARD W/10NPC
CAP. 3-12MMF.
#0-402
SIZE 2x2x3; 4 OZ. \$1.00

CIRCUIT BREAKER

115 VOLT 60 CYC
3H900-1.5 1 1/2" 1 AMP \$1.50
3H900-1.25 1 1/2" 1.00
62349M6 3 POLE 1 1/2" 2.50
3H900-3-2 3" 1.00
3H900-4.7 4.7" .50
P-0111 12" 1.50

24-30 VOLTS
3H913-5 5 AMPS \$.50
8751K4 10 " .50
AN1513F35* 35 " .75
AN 3160-50L* 50 " .75

* LUMINOUS TIP

AIRCRAFT TYPE CIRCUIT BREAKER
5 AMP AN 3161-P5 \$.50
10 " AN 3161-P10 .75
15 " AN 3161-P15 .75

METAL STAND
W/RUBBER FEET
BASE 8x11x13
LEGS 13x13x16
2 1/2" HIGH.
ORIGINALLY USED
AS RECORD HOLDER STAND, CAN
BE USED AS BOOK, FLOWER, TV,
RADIO OR WHATEVER YOU CAN
USE IT FOR. WT: 4LB. 75¢

SWIVEL BASE AS
USED ON THE BOTTO-
M OF TV SETS, 5"
SQUARE, HAS 1/2 TURN
STOP THAT CAN BE
REMOVED FOR 360 DEG. ROTAT
ION. 2LBS. 75¢

MULTI-STATION RADIO
CONTROL BOX. FIVE
IND. LIGHTS W/DIMMER
4 POS. SW. & 4 PUSH
BUTTONS. 2 VOL. CONT
#10D4711 \$3.95

APPROACH LIGHT
GRIMES#NAF1024-2
24 V, SPLIT GREEN &
AMBER LENS & CLEAR
3x3x4 1/2; 1 LB. \$.75

TERMINAL
BOARD
PART OF
BD-96
SWITCH-
BOARD. 10 HEAVY DUTY BLACK
BINDING POSTS, SCREW TYPE &
90 SLOTTED HEAD BRASS BINDI-
NG POSTS ON BOARD 19x5x2 1/2
WT. 8 LBS. \$1.95

TERMINAL
BOARD
P/O BD-71
SWITCHBOARD. 15 BRASS SCREW
TYPE BINDING POSTS ON INSUL-
ATING BOARD 3x16 3 LBS.
\$1.50

**AUTOMOTIVE
MOTORAIDE METERS**

CIRCUIT
0-1 M.A. MOVE.
0-10 V. SCALE
0-7.5 A. "
0-1K OHM "
SIZE 3x5 1/2
\$3.95

REGULATOR
0-1 M.A. MOVE.
0-60 DCA SCALE
0-10 DCV "
0-20 DCV "
SIZE 3x5 1/2;
\$3.95

DWELL TACHOMETER VOLT METER
0-1 M.A. MOVE.
0-50 DEG DWELL
0-5000 R.P.M.
0-15 D.C.V.
SIZE: 3x5 1/2
\$5.95

THIS WILL NOT BE THE ORIGINAL
SCALE AS SUPPLIED BY THE
MANUFACTURER BUT A MODIFIED
UNIT FROM THE OTHER TYPES.
METER SCALE FACE WITH
INSTRUCTIONS FOR CHANGING
CIRCUIT OR REGULATOR TYPE
METERS TO DWELL TACH METER
PRICE: \$1.00

THESE ARE FOUNDATION METERS
ONLY AND REQUIRE ADDITIONAL
PARTS TO BE USED TO CHECK
GASOLINE ENGINE CIRCUITRY.

MOTORAIDE METER
CASES, EMPTY, FOR
MOUNTING METERS
SHOWN
PRE-CUT HOLE AS
USED IN ORIGINAL
TEST EQUIPMENT.
5x3x7; WT: 2LB. \$1.50

GENERAL ELECTRIC
EIGHT INCH FAN
AND MOTOR.
COMPLETE ASSEM-
BLY INCLUDING
BRACKET. MOTOR
IS 115V 60 CYC
1550 RPM. WT. 5 LBS.
5.8x10 New \$2.95

AUDIO OSCILLA-
TOR BOX ASSY.
W/24 12 MMFD.
CERAMIC TRIMM.
21 TEMP. COMP.
CAP. & RESIST
WHEN USED WITH
2/6SJ7 TUBES &
ASSOC. PARTS IT WILL PRODUCE
FREQ. 425-2295CYC/LES IN 12
STEPS OF 170 CYC. EA.
5x5x4 1/2; WT: 5LB. #R26 \$4.95

SINGLE BAND
BEAM BALUN
INPUT 75 OHM UN-
BALANCED. OUT-
PUT 100 OHM BAL-
ANCED. UNIT
FOR 10 METERS ONLY. WEATHE-
PROOF. 3x3x4 WT. 5 LBS.
PRICE NEW \$1.25

ANTENNA SWITCHING
UNIT SA-649/USD
CONTINUOUS SWIT-
CHING OF TWO AN-
TENNAS TO A REC-
EIVER AT 600 CPS
USED TO REDUCE
FADING OF SIGNAL
UNIT REQUIRES 26.5VDC. TUBES
INCLUDED 2/6BC4; 2/JG-6111
SIZE: 3x3x5 1/2; WT. 2LBS.
PRICE: \$3.95

ANTENNA RELAY
UNIT RE-2/ARC-5
WITH 2" ANTENNA
CURRENT INDICATOR
0-10. ALSO ANTENNA
SWITCHING RELAY AND
30 44F VACUUM CAPACITOR
5 AMPS. 5 LBS. 3x4x6
PRICE RECORD. WITH CAP \$4.95

SELENOID
SHORTING
RELAY 40VDC
HEAVY DUTY
INSULATOR
2 1/2"x3", STEEL
SHORTING BAR
4 1/2", 1 1/2" DRAW AT END, 3"
AT SEL. SIZE 9x3x7; 10LB
#5945-201-7829 \$3.95

ARC-12 ANTENNA
CHANGEOVER RELAY
BNC CONNECTORS FOR
EQUIP. UG-23-UG-21
F/ANT. REGULAP & AUX
ANT. CONN. 24 VDC RE-
LAY. W/BNC CABLES.
\$2.75
UG-21 ANTENNA CONN. \$.75

WAVEGUIDE SWITCH
AIRTRON #70960, 24-
29.5 VOLT DC, INS.
WAVEGUIDE 7/8x3/8,
1-5/8 FLG. 2/INPUT
1 OUTPUT.
5x5x5; 5LB. \$9.95

BC-198 ANTENNA 12V
SWITCHING RELAY
FOR RECEIVER TO
TRANS. PUSH BIND-
ING POSTS, PL-77
PLUG. 5x5x1 1/2; 1LB. \$1.95

ANTENNA CHARGE-
OVER S.P.D.T FOR
COAXIAL CABLE
28 VDC ROTARY
ACTUATOR WAF-
ER, LOW-LOSS
HIGH-POWER.
GENERAL COMM
#2LN180RC-1
NEW \$3.95

SIZE: 4x3x2 1/2; WT: 1LB.
TYPE "LN" CONN. CUT-OFFS 50¢
AN CONN. 7 CONTACT \$1.00

COAXIAL SWITCH S.P.D.T.
FOR COAXIAL CABLE
28 VDC ROTARY
ACTUARY WAFER.
USES TYPE "N"
CONNECTOR.
SA-185/U \$3.95

TYPE "N" CONNECTOR CUT-
OFF \$.50
CONNECTOR 3 CONTACT \$1.00

FIRE DETECTOR PHOTOELECTRIC
RESISTANCE TYPE 1.5 MEG. MAX
DECREASES WITH INTENSITY OF
LIGHT. #6340-651-6213 SIZE
1x3
\$2.95



ART-13 TRANSMITTER

100 WATT AIRCRAFT AUTOTUNE TRANSMITTER

MAKES A VERY SATISFACTORY AMATEUR UNIT FOR 80, 40, 20 AND 10 METERS. THE AUTOTUNE FEATURE PERMITS YOU TO PRESET THE FREQUENCY DESIRED ON ANY 10 PRESELECTED CHANNELS. (FOR CONVERSION INSTRUCTIONS SEE MANUALS #2 & #3 \$3.00 EA. TUBE LINEUP 1/837, 1/813, 2/1625, 1/125J7, 2/6V6, 2/811, 2/12SL7, 1/12SA7. VOLTAGE REQUIRED 28VDC 10AMP, 400VDC, 225MA & 1250VDC 250MA. SIZE: 23x16x11 1/2 WT. 70 LBS

PRICE: USED \$49.50
CONNECTOR PLUGS FOR TRANS. U/7 & U/8 \$2.50 EA. DYNAMOTOR FOR ART-13 WITH FILTERS & RELAYS 28VDC INPUT. PRICE: USED \$12.95

NEW
CONNECTOR PLUGS FOR DYNAMOTOR U-9 OR U-10 EACH \$2.50

CU-24/ART-13 ANTENNA SHUNT CAPACITOR CONSISTS OF 3 CAPACITORS 25MMF 10KV
PRICE USED \$1.00



0-17/ART-13 LOW FREQUENCY OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 TUBE. ALL OPERATING VOLTAGES ARE OBTAINED FROM THE TRANS. POWER SUPPLY. SIZE 5 1/2x5 1/2x9; WT. 4 LBS.



REQ. REPAIR "AS-IS" w/TUBES \$4.00

SA-22/ART-13 ANTENNA SWITCHING UNIT CONTAINS A BENDIX VACUUM RELAY LM-26G, 24VDC, 2 POSITION CERAMIC SWITCH & 4 LARGE INSULATORS SAME AS USED ON TRANSMITTER, ALSO S0-239 COAX. CONNECTOR. SIZE: 11x7x7 WT 10 LBS



PRICE: NEW \$4.95

VARIOMETER COIL FOR ART-13 L-112, ROTOR & STATOR COILS WITH GEARED COUPLING. 4x5x3; 2LB. USED \$1.95
RELAY, OUTPUT CIRCUIT SELECTING, 24 VDC #K105 6x2x3; 2 LB. USED \$2.95



ART-13 AUDIO SPEECH AMPLIFIER CONTAINS TWO 6V6GT & ONE 12SJ7 TUBES, CAN BE USED FOR CARBON OR DYNAMIC MIC. SIZE: 7x4x3 1/2; WT: 4 LBS, USED STK #20254 PRICE \$5.95



ART-13 CFI CALIBRATION FREQUENCY INDICATOR & MCW OSCILLATOR ASSY. USED TO PROVIDE A CONSTANT CRYSTAL CONTROLLED STANDARD OF 200 KC. IN ORDER THAT FREQ. CAN BE CHECKED ALSO 1000 CYCLE TONE. WITH 200KC. CRYSTAL & 2 TUBES SIZE 6x5x3 WT. 3 LBS STK. #8G1 PRICE USED \$6.95



HYDROPHONE

HYDROPHONE TRANSDUCER MICROPHONE
Rochelle salt type used to PICK UP UNDERWATER SOUNDS IN THE FREQUENCY RANGE OF 1 TO 20,000 CYCLES. AVERAGE IMPEDANCE 25 OHMS UP TO 400 FT. WITH TRANSFORMER HOUSED IN RUBBER WATERPROOF JACKET FILLED WITH OIL & 9 FT. RUBBER CONNECTING CABLE. SIZE: 5x3x3 1/2; WT: 2 LBS. (NOT MAILABLE)
SONAR # NT-51038F PRICE: NEW \$14.95



SN-17/AP9-10 SYNCHRONIZER, \$9.95 TRANSMITTER & RECEIVER ALSO SWEEP AND CONTROL CIRCUITS FOR THE INDICATOR. GENERATES CONTROL FOR THE PULSE RECURRENCE RATES OF 410 TO 820 CPS AND RANGE MARKS OF 0-4-25 MILES. SIZE 8x6x13; WT: 30 LBS.



TEST SET

TS-3A/AP RADAR FREQUENCY METER 2400 TO 3400 Mc USING A TUNEABLE CAVITY ALSO HAS 3" METER FOR TESTING POWER OUTPUT, 0-2 MA. MOVEMENT 0-20 SCALE. USED WITH SCR-717/720 RADAR SET. WITH CABLES, TEST LAMP, COMPUTER RULE ETC. SIZE: 8x8x8 1/2; WT: 25 LBS. PRICE: UNUSED \$9.95



AIRPORT MARKER BEACON 75MC TRANSMITTER RECEIVER

CDE-52326 NAVY MODEL MARKER BEACON TRANSMITTER PORTABLE UNIT THAT OPERATES FROM 115 VOLTS 60CYC WHICH TRANSMITS A KEYED OR A CONTINUOUSLY MODULATED SIGNAL VERTICALLY IN A BALLON-SHAPED PATTERN ON 75MC. USED AT AIRPORT LANDING FIELDS RUNWAYS IN CONJUNCTION WITH MARKER BEACON RECEIVERS THAT ARE INSTALLED IN THE PLANE THUS ENABLING THE PILOT TO KNOW WHEN HE IS OVER THE RUNWAY. (IN CONJUNCTION WITH HIS OTHER INSTRUMENTS.) WATTAGE OUTPUT (1) ONE WATT, MASTER OSCILLATOR & MODULATED CW 400CPS, 1300CPS, 3000CPS. TUBE LINEUP 4/6V6, 2/6SN7, 1/6SR7, 1/65, 2/VR150, 30 & 1/5Y3. COMPLETE WITH TUBES & DIPOLE ANTENNA & OPERATING MANUAL. SIZE: 17x10x11 WT 35 LBS PRICE UNUSED \$29.95

BC-1333 MARKER BEACON RECEIVER 75MC. USED TO RECEIVE SIGNALS FROM ABOVE TRANSMITTER. WHEN SIGNAL IS RECEIVED IT OPERATES A RELAY IN THE RECEIVER WHICH IN TURN CAN BE USED TO OPERATE SIGNALS, LIGHTS, MOTORS, TURN ON EQUIPMENT ETC. VOLTAGE REQUIRED 24VDC. COMPLETE WITH TUBES 1/12SN7, 1/6SH7, 1/6SL7
SIZE: 3x5 1/2x5 1/2 WT. 3 LBS. PRICE: USED \$2.95



C-1 CONTROL BALLISTICS BOX; FOR BOMBING NAVIGATIONAL COMPUTER PT#654573; HAS 4 DIALS WITH CONTROLS CONNECTED BY GEARS TO AUTOSYN RESOLVERS SPERRY #6624-28 SIZE 1 1/2x1 1/2 5 EA. #662426 1 1/2x1 1/2 2 EA. #5663478 3x2 1/2 2 EA. ROTARY BAND SWITCH 4 DECK 10 POS. SIZE 9x12x8; WT: 20 LBS. \$7.95



AMMUNITION FIRE CONTROL POWER DISTRIBUTION PANEL 171E608G1 & 519E147G1; TWO DIALS THREE GEAR CONTROL, 2 THREE DIGIT COUNTERS WITH MANUAL RESET AND HOLD 24 V OPERATION, 7 SWITCHES, TERMINAL STRIPS ETC. SIZE: 11x11x5; WT: 15 LBS. PRICE: USED \$4.95



OSCILLATOR

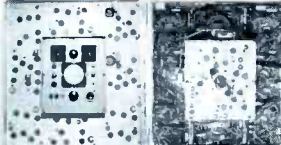
R.F. OSCILLATOR. PART OF GKA-1 EQUIPMENT. CONTAINS SEVERAL TYPES OF BAND PASS FILTERS, VARIABLE CONDENSER, TUBE SOCKETS TEST JACKS, RESISTORS 1%, CAPACITORS, 2/UG-88 BCN COAX. CONNECTORS, PILOT LIGHT, SWITCH, POTS ETC. OSCILLATOR FREQ. APPROX. 24 KC. SIZE: 12x12x4 1/2; WT: 13 LBS. USED \$1.95



SCOPE

MONITOR CONVERTER

CONVERTER-MONITOR PANEL ASSEMBLY CV-399/GPA23 PART OF COMPUTER SYSTEM. CONTAINS A GOOD 3" SCOPE FOUNDATION ASSY. USING 30PIA C.R TUBE MOUNTED ON A PANEL 10" x 12". SCOPE PANEL HAS 0-100 VERNIER DIAL 1 1/2" PLUS CENT, FOCUS CONT. SWITCHES ETC. THE MASTER PANEL HAS 10 SEPARATE SUB-PANELS WITH LOADS OF CONDENSERS, RESISTORS TERMINAL STRIPS ALSO AUTOSYN, CONNECTORS, CONTROLS, TRANSFORMERS AND LOTS MORE. \$9.95
SIZE: 25x25x14; WT: 55 LBS. USED \$9.95



MILLIVOLTMETER

MILLIVAC D.C. MILLIVOLTMETER TYPE RM-17 MEASURES FROM 1 MV TO 1000 V IN 13 STEPS ON 4" SQUARE METER. RACK PANEL MOUNTING 19x7" OPERATES FROM 115 VOLT 60 CYCLE. WT: 18 LBS. PRICE: USED \$85.00



GP-7 TRANSMITTER

GP-7 NAVY AIRCRAFT TRANSMITTER 1500-4525 KC & 6200-9050 KC BY USE OF THREE (3) PLUG IN TUNING UNITS SUPPLIED WITH THE TRANSMITTER. AM OPERATION, VOICE/PHONE 30-50 WATTS, CW & MCW 85-125 WATTS DEPENDING ON THE TYPE OF INSTALLATION. WITH TUBES 2/1616, 1/803, 1/801, 1/843 & 1/5Z3, ANTENNA LOADING COIL, PILOTS & OPERATORS CONTROL BOX, THREE ARE TWO 2 1/2" METERS FOR MEASURING THE VARIOUS VOLTAGES AND R.F. OUTPUT. VOLTAGE REQUIRED 115 VOLT 800 CYCLE & 24 VOLTS D.C. THE SET IS CONSTRUCTED OF ALUMINUM AND THERE ARE TWO CASES SUPPLIED FOR THE TUNING UNITS NOT IN USE. SIZE: 23x11x13; WT: 80 LBS. UNUSED \$25.00
TUNING UNIT 4520-6250 OR 800-1500 \$7.95 EACH

RM-52 REMOTE CONTROL UNIT (MACY'S PHONE PATCH) USED FOR RE-CONTROL OF RADIO SET, OPERATES FROM 4 FLASHLIGHT BATTERIES. HAS MULTI-TAP TRANSFORMER, MIC, PHONE HIGH/LOW IMPEDANCE & JACKS. BASIC UNIT FOR MAKING MACY'S PATCH. SIZE: 7 1/2x3 1/2x5 1/2; WT: 5 LBS. PRICE: USED \$1.95



RM-53 REMOTE CONTROL UNIT BASICALLY THE SAME AS RM-52 ONLY IT HAS A 3 POSITION SWITCH AND CORDS WITH PL-55 AND PL-68 PLUGS. SIZE: 8 1/2x4 1/2x4 1/2; 6 LBS PRICE: USED \$2.95



W.U. INTRAFAX



TRANSMITTER SCANS THE DATA THAT IS FED INTO THE MACHINE WITH A LIGHT SOURCE AND PHOTO ELECTRIC CELL WHICH IS AMPLIFIED AND SENT BY WIRE TO THE RECORDER WHICH THEN REPRODUCES THE DATA ON SENSITIZED PAPER 1 1/2" WIDE. THE TRANSMITTER USES TUBES 1/1X2, 1/6C4, 1/6AQ5, 1/931A (PHOTOELECTRIC), LIGHT SOURCE, SYNCHRONIZING MOTORS, GEARS ETC. THE RECORDER DOES NOT HAVE ANY TUBES BUT HAS THE SCANNING MECHANISM, MOTORS, RELAYS ETC. EQUIPMENT OPERATES FROM 115 VOLT 60 CYCLE BUT DOES NOT HAVE THE POWER SUPPLY REQUIRED THE TUBES, PHOTO-ELECTRIC, LIGHT SOURCE AND SCANNING CIRCUITS. TRANSMITTER SIZE 18x18x7; WT: 40 LBS. #7762A
RECORDER SIZE 18x12x7; WT: 33 " #7771A
PRICES: BOTH UNITS FOR \$29.95 NEW

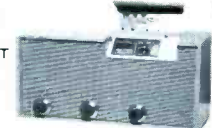
GIBSON GIRL TRANS.

GC-778 TRANSMITTER, EMERGENCY TYPE FOR USE ON THE DISTRESS FREQUENCY OF 500 KC. UNIT IS POWERED BY A HAND CRANK GENERATOR THAT SENDS AUTOMATICALLY S.O.S SIGNAL, CAN ALSO BE KEYED MANUALLY, WITH 1000 CYCLE TONE MODULATION. WITH 2/12A6 TUBES AND ANTENNA WIRE REEL. (NO KITES, BALLOONS OR PARACHUTES AVAILABLE. SIZE 10x10x8; WT: 20 LBS. PRICE: TRANSMITTER ONLY USED \$29.95
PRICE: TRANSMITTER WITH PARACHUTE NEW \$39.95
T-74/CRT-3 TRANSMITTER, SAME AS ABOVE ONLY HAS DUAL CHANNEL 500 KC AND 8364 KC. MANUAL KEYING ON 500 KC. USED \$39.50



TELEVISION TELEMETER

TELEMETER PAY TELEVISION PROGRAM SELECTOR. CHOICE OF 3 PROGRAMS THAT TONE OPERATED IN THE VHF BAND WITH PROVISIONS FOR DEPOSITING THE AMOUNT OF MONEY REQUIRED FOR EACH PROGRAM AND INDICATED ON THE COIN REGISTER THAT ALSO SHOWS A CREDIT BALANCE WHEN A OVER PAYMENT IS MADE. A PRE-RECORDED TAPE WILL GIVE PROGRAM INFORMATION WHEN DESIRED. WITH TUBES 1/12BH7, 1/6BE6, 1/6BA8, 2/6U8, 4" SPEAKER, COIN MECHANISM, TAPE MAGAZINE ETC. SIZE: 15x7x7; WT: 25 LBS. #1001/5 \$14.95



PARTS BONNAZA



PLUG IN TUNING UNITS USED WITH BC-191/BC-375 TRANSMITTER. THESE UNITS CONTAIN MANY PARTS THAT CAN BE USED BY SCHOOLS, LABORATORIES, HAMS, OR EXPERIMENTERS. LISTED BELOW ARE THE VARIOUS TUNING UNITS WITH FREQUENCY COVERAGE, AND PARTS LIST. ALL UNITS INCLUDE CABINET, KNOBS, HANDLES, BRACKETS, AND OTHER PARTS. THE NEW TUNING UNITS ALSO INCLUDE THE OUTER CASE.

SIZE: 17x9x7 $\frac{1}{2}$ WT: 13 LBS.

TU-5B 1500-3000KC

M-O tank inductance
M-O band change switch
Antenna coupling switch
P-A band change switch
Capacitors, as follows:
3/0.0001 mfd 3000 volt
0.00003 mfd 2000 volts
2/0.0004 mfd 5000 volts
3/0.00009mfd 3000 volts
Var. 8-26mmf, 20-135mmf
20-156mmf
Antenna coupling coil
P-A grid choke coil
M-O grid choke coil
P-A tank inductance
Res. 15 ohms, 4.5 watts
2 $\frac{1}{2}$ " vernier dial
Right angle drive
New \$6.95

TU-6B 3000-4500KC

M-O tank inductance
P-A tank inductance
P-A grid choke coil
M-O grid choke coil
Antenna coupling coil
M-O band change switch
P-A band change switch
Antenna coupling switch
Capacitors, as follows:
2/0.00005mfd 3000 volt
2/0.0004mfd 5000 volts
Variable cap. 19-116
mmf, 8-26mmf, 15-77mmf
M-O tuning compensator
Res. 15 ohm, 4.5 watts
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$5.95

TU-7-B 4500-6200KC

M-O tank inductance
P-A tank inductance
Antenna coupling switch
Antenna coupling coil
P-A grid choke coil
M-O grid choke coil
Cap. as follows:
2/0.0004mfd 5000 volts
Var. Cap. 8-26 mmf,
23-111mmf, 19-116mmf
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$5.95

BC-306 ANTENNA TUNING UNIT 200-500 KC

VARIOMETER COIL
VARIOMETER DIAL
ANTENNA COUPLING SWITCH
INSULATORS
New \$4.95

TU-8-B 6200-7700KC

M-O tank inductance
M-O grid choke coil
P-A grid choke coil
P-A tank inductance
Antenna coupling coil
Antenna coupling switch
Cap. 2/0.0004mfd 5000v
Var. Cap. 14-66mmf,
8-26mmf, 15-81mmf
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$5.95

TU-9-B 7700-10,000KC

M-O tank inductance
M-O grid choke coil
P-A grid choke coil
P-A tank inductance
Antenna coupling coil
Antenna coupling switch
Cap. 3/0.0004mfd 5000v
Var. Cap. 19-116mmf,
8-26mmf, 15-77mmf
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$4.95

TU-10-B 10,000-12,500KC

M-O tank inductance
M-O grid choke coil
P-A tank inductance
P-A grid choke coil
Ant. coupling coil
Ant. coupling switch
M-O choke coil
Cap. 3/0.0004mfd 5000v
Var. cap. 14-62mmf,
19-116mmf, 8-26mmf
2 $\frac{1}{2}$ " vernier dial
Right angle drive
New \$4.95

TU-36-B 200-500KC

M-O tank variometer
M-O plate coil
M-O grid choke coil
P-A tank variometer
P-A grid choke coil
M-O band change switch
Antenna Coupling switch
Antenna coupling coil
Capacitors, as follows
2/0.0004mfd 3000v
2/0.005mfd 5000v
2/0.004mfd 5000v
2/0.0035mfd 5000v
0.002mfd 5000v
0.0005mfd 3000v
0.0007mfd 3000v
12mmf, 35mmf
Var. cap. 8-26mmf
Res. 15 ohm 4.5 watts
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$4.95 Used \$3.95



CONTROL PANEL K-2406-3 FOR POWER, FUSE & ALARM, PILOT & HIGH/LOW, 3 FUSED SERVICES, 4 PILOT LIGHTS, 4 PUSH BUTTONS, PRINTED CIRCUIT BOARD HAS 12 TRANSISTORS, 4 DIODES RESISTORS, CONDENSERS AND 2 VARIABLE COILS (ACCORDING TO THE MARKING ON THE CHASSIS THIS UNIT MAYBE TUNED TO 268 KC) ALSO RELAYS 1/12 VDC DUAL COIL 1/SPDT 1/CPST, ONE 24 VDC DPDT & 3 24VDC 3PST. SIZE: 3 $\frac{1}{2}$ x4x9; WT: 4 LB. USED \$5.95

VAPOR DETECTOR



WATER VAPOR DETECTOR 128; CONSISTS OF VALVING ASSY. WITH 2 $\frac{1}{2}$ " 3000 LB. PER. SQ. IN. GAUGE CONNECTED TO A BRASS BLOCK WITH 3 VALVES COPPER TUBING CONNECTS TO SATURATOR BOTTLE AND ANOTHER BLOCK WITH VALVE WHICH

ONE OUTLET CONNECTS TO A ELECTRIC AMPLIFIER THRU DETECTOR ELECTRODE AND THE OTHER OUTLET TO A GAS PRESSURE REGULATOR. THE ELECTRIC AMPLIFIER IS HOUSED IN METAL CASE WITH 3" METER 50 MICRO-AMP. WITH TUBES 1/1G6GT & 1/1G4GT IN A OSCILLATOR CIRCUIT, BALANCED BRIDGE TYPE, ANY ELECTRIC UNBALANCE IS INDICATED ON THE METER, ADJUSTING CONTROLS ON PANEL, REQUIRES 67 $\frac{1}{2}$ & 1.5 VOLTS D.C FOR OPERATION. GAS PRESSURE REGULATORS ARE STD. WITH 2" METERS. EQUIPMENT IS USED TO DETERMINE THE AMT OF WATER VAPOR IN THE GAS TO BE TESTED WITH A REF. GAS AS THE STANDARD. CARRING CASE 14x16x10 $\frac{1}{2}$; WT: 60 PRICE: USED \$14.95

RELAY TEST SET

USED \$16.95
RE-COND. 21.95

1-193 RELAY TEST SET: USED FOR TESTING 255, 255A, D-163119A, D-164 816A POLAR RELAYS ETC. FOR BIAS AND SENSITIVITY. THE ELECTRICAL CHARACTERISTICS ARE DETERMINED BY THE DEFLECTIONS OF THE METER. ALSO CONTAINS CIRCUIT FOR SENDING PULSES FOR TESTING EXTERNAL TELEGRAPH CIRCUITS AND A 10-20 CYCLE OSCILLATOR FOR FOR TESTING AND LINE-UP PURPOSES. OPERATES FROM 115/130 VDC 10 WATTS. (RA-87 RECTIFIER SHOWN ON PAGE 8 OF THIS CATALOG WILL OPERATE THIS EQUIPMENT) SHIPPED IN WOOD CHEST 24X12X13; WT: 75 LBS.



A.F.C. UNIT



AUTOMATIC FREQ. CONTROL UNIT No. 600671; USED WITH FIRE CONTROL SYSTEM, WITH 16 TUBES 2/5829, 11/5703, 2/5702 & 1/5784, DPDT SIGMA RELAY THAT WILL OPERATE FROM 14 VDC @ 2.8 MA, SLUG TUNED COILS, RESISTORS, COND. ETC. (SORRY DO NOT KNOW FREQ. NO SCHEMATIC) SIZE: 4x8x6; WT: 5LBS. PRICE USED \$2.95

OSCILLOSCOPE



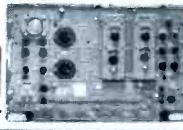
OS-11/FGC-5 OSCILLOSCOPE. USED FOR MONITORING SIGNALS AND TESTING OF THE FGC-5 TELEGRAPH EQUIP. HAS STANRD SCOPE CONTROLS PLUS A TRIGGERED SWEEP CONTROL CIRCUIT, ATTENUATION SELECTION SWITCH ETC. OPERATES FROM 115 VOLT 60 CYCLE WITH TUBES 7/12AT7, 3/12AU7, 1/6X4, 1/2X2 & 3RP1. RACK PANEL MOUNTING 19x7; 35 LBS PRICE: USED \$44.95

VERNIER TIMER



VERNIER SET ATC TIMER WITH 15 MINUTE TIMING PERIOD. SYNCHRONOUS MOTOR OPERATES FROM 230 V 60 CYC AND HAS SPDT CONTACTS FOR CONTROL OF INDUSTRIAL EQUIPMENT. SIZE: 6 $\frac{1}{2}$ x5 $\frac{1}{2}$ x3 $\frac{1}{2}$ WT. 5 LBS. PRICE: \$9.95 NEW

WAVE METER SCOPE OSCILLATOR



AN/UPM-1 WAVEMETER-OSCILLATOR-SCOPE RADAR TEST UNIT FOR 155-235MC AND 460-570MC CONTAINS PULSE AND SWEEP GENERATORS VIDEO AMP. 3" OSCILLOSCOPE, TWO WAVEMETER TWO OSCILLATORS, POWER REQUIREMENTS: 80, 115, OR 230 VOLTS AC. 60-1000 CYCLES. SIZE: 30x21x24; WT. 150LBS. USED \$39.99 ANTENNA FOR AN/UPM-1 SIZE: 21x12 WT. 11 LBS. USED \$9.95

SIGNAL GENERATOR

USEO \$18.95

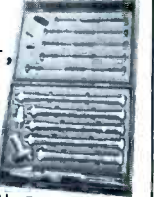
BC-1277 SIGNAL GENERATOR; 2400 TO 3400 MC. TUNED CAVITY DIGIT COUNTER DIVISIONS 30/60 MC. 0-50 D.C 3 $\frac{1}{2}$ " MICROAMP. METER FOR MEASURING THE VOLTAGES OF THE VARIOUS CIRCUITS. ATTENUATOR, SYNC. AMP., STD. SIGNAL SHAPE AND CAL. SIGNAL AMPLIFIER CIRCUIT OPERATES FROM 115 V. 50-1200 CYCLE. WITH TUBES 3/VR-150, 4/6AC7, 2/VR-105, 2/6Y6, 2/6SF5, 1/6L7, 1/6L6, 1/707A, 1/6X5 & 1/5T4. USED FOR TESTING RADAR. SIZE IN WOOD CHEST 22x17x17; WT: 100 LB



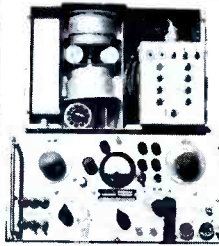
ATTENUATORS

MX-1309/URM-23 POWER MEASURING; KIT OF WAVEGUIDE ATTENUATORS, ADAPTER, BALOMETER, CABLE & CHART, 1000 TO 4000 MC.

1 ATTENUATOR CN-110/U 10 DB
" CN-111/U 20 DB(2pc)
" CN-168/U 3 DB
" CN-169/U 6 DB
RF BALOMETER DT-76/U, "N" CON
ADAPTER CONN. UG-402/U
COAXIAL CABLE CG-92B/U, w/UG-21 EA. END.
METAL CARRING CASE, FITTED, SIZE 19x5 $\frac{1}{2}$ x14;
WT: 32 LBS. COMPLETE SET \$14.95



PULSE GENERATOR



AN/UPM-19 RADAR TEST SET CONSISTS OF SG-76 PULSE GENERATOR THAT COVERS THE FREQ. OF 2650-2950 MC. VARIABLE FREQ. AND R.F. OSCILLATOR CONTROLS BCN CONN. REQ. FOR R.F IN, R.F OUT, VIDEO PULSE AND SYNC. OUT JACKS. 2 $\frac{1}{2}$ " R.F CAL. POWER METER 25 TUBES, OPERATES FROM 24 VDC VIBRATOR POWER PACK. ABOVE IS CONTAINED IN CASE # 1 OF 2. CASE 2 OF 2 CONTAINS, 2 ANTENNAS, CONTROL BOX, LITE INDICATOR BOX, PLUGS AND CABLES. ALUMINUM CARRING CASE SIZES 16 $\frac{1}{2}$ x8x14 AND 14x10x10; SHPG. WT: 80 LBS. PRICE: USED \$29.50

CALIBRATOR



TS-102B/AP CALIBRATOR: RANGE CALIBRATOR PORTABLE PULSE GENERATOR WITH REPEITION FREQ. OF 400, 800, 1600, 2000 & 4000, MARKER AND SYNCHRONIZING PULSE, VARIABLE DELAY LINE PHASE ADJUSTMENT. OPERATES FROM 115 V. 50-1000 CYCLE WITH TUBES 2/6X4W, 3/6AG7 6/5814, 2/UG273/U CONN. 4/CABLES W/UG-88R/U SIZE: 16x10x11; WT: 28 LBS. UNUSEO \$14.95



TS-164 FREQUENCY METER CASE EMPTY CASE USED TO HOUSE FREQ METER BC-221, CAN ALSO BE USED FOR SIMILAR TYPES, HINGED FRONT COVER FOR CALIBRATION BOOK, FRONT COMPARTMENT SIZE 9 $\frac{1}{2}$ x7 $\frac{1}{2}$ x7 $\frac{1}{2}$, REAR COMPARTMENT HAS 2 BALLAST TUBES AND VOLTAGE REGULATOR TUBE VR-105, REAR COMPARTMENT IS 2" DEEP ALSO RELAY AND SHOCK-MOUNTING. SHPG. WT: 19 LB. NEW \$3.95



JB-70 JUNCTION BOX; USED WITH BC-610 TRANSMITTER. FRONT PANEL HAS SWITCHES AND CONTROLS FOR REMOTE USE OF TRANS. HAS AC OUTLETS BOTTOM & SIDE, 4 HEADSET & 2 KEY JACKS, MIC PLUG, 2 WAFER, 4 TOGGLE, LEVER & START/STOP SWITCHES, CIRCUIT BREAKER, CABLES ETC. SIZE 19x13x5 $\frac{1}{2}$; WT: 40 LB PRICE: USED \$9.95



AUTOSYN INSTRUMENT FIELD TESTER; AAF #43G18624 IS A SIMPLE TESTER THAT IS DESIGNED TO TEST THE ELECTRICAL CIRCUITS OF ALL MINIATURE 26 V. 400 CYC. AUTOSYNS. WHEN CONNECTED TO THE SUPPLY IT CAN BE USED AS A TRANSMITTER OR INDICATOR ALSO HAS ELECTRICAL ZERO TESTING CIRCUIT. SIZE: 6x10x5 $\frac{1}{2}$; WT: 8 LBS. PRICE: METAL CASE HINGED COVER & CABLES. USED.. \$8.95 WOOD CASE NO COVER/CABLES \$3.95

MOTOROLA RECEIVER 30-40MC
 FM, DUAL CONVERSION SINGLE CHANNEL CRYSTAL CONTROL, SQUELCH CIRCUIT, 6 VOLT VIBRATOR POWER SUPPLY WITH 2/6x5 TUBES, RECEIVE TUBE LINEUP 8/6S67,1/6K8 1/6K6,2/6H6,1/6C8. USED LESS CRYSTALS.
 SIZE: 15x9x9; WT: 30 LBS. #R-237/VRC-2 \$29.95

MOTOROLA RECEIVER 70-80 MC, DUAL CONVERSION, CRYSTAL CONTROL, SINGLE CHANNEL, SQUELCH CIR. 6 VOLT VIBRATOR POWER SUPPLY, WITH TUBES 10/7C7,1/7C5,2/7AG7,1/7F7 & 2/7AG7. USED
 SIZE: 15x9x9; WT: 30 LBS. #FMR-16V \$19.95

MOTOROLA TRANSMITTER F.M 30-40MC U 6/ 9.95
 " F.M 152-172 " U 6V 14.95

CABLES TO FIT MOTOROLA R/T 2/REQ. EACH 2.75

30 MC - 50 MC

RCA F.M RECEIVER 30 - 50 MC
 SINGLE CHANNEL, CRYSTAL CONTROL, WITH TUBES 9/6SH7,1/6SL7, 1/1635 & 2/6H6. AVAILABLE WITH 6 OR 12 VOLT VIBRATOR PACK.
 SIZE: 9x10x16; WT: 23 LBS. RCA#CV18 OR EQUIVALENT.
 PRICE: USED W/6 V. PACK \$29.95 W/12 V \$34.95

LINK RECEIVER 30-50 MC FM
 TYPE 11-UF-ED-6. CRYSTAL CONTROL SINGLE CHANNEL, DUAL CONVERSION, SQUELCH CIRCUIT WITH TUBES 5/7AG7 2/7A6,1/7C7,1/7F7,1/7B5 & 1/7F7. VOLTAGES REQUIRED FOR FILAMENTES 6 VOLTS, HIGH VOLTAGE 250 VDC 60MA.
 SIZE: 12x13x9; WT: 22 LBS. PRICE: USED \$27.50
 POWER & CONTROL PLUG \$1.00 ANTENNA PLUG \$1.00

LINK RECEIVER TRANS. 152-172 MC & 12 V

LINK RECEIVER #1905 152-172 MC FM, DOUBLE CONVERSION, SINGLE CHANNEL CRYSTAL CONTROL, VIBRATOR P.S. SQUELCH CIRCUIT WITH TUBES 2/7A6,1/7F7,7/7AG7,1/7B5 & 2/6AK5. CONDITION USED.
 PRICE: W/12 VOLT P.S \$39.50 W/6 VOLT P.S \$34.95

LINK TRANSMITTER #1905 152-172 MC FM, 50 WATT WITH TUBES 2/2E26 DRIVING A 829 IN THE FINAL, 1/7AG7,1/7F7 & 1/7W7. DYNAMOTOR POWER SUPPLY.
 PRICE: W/12 VOLT P.S \$19.95 W/6 V. P.S \$14.95

SIZE OF REC./TRANS. 8X10X12; WT. EA. 30 LBS.
 CABLES: (REC. 2 REQ.)(TRANS. 3 REQ.) EA. \$2.75
 TRANSMITTER ONLY LESS TUBES & DYNAMOTOR \$7.75

20 MC - 28 MC

BC-499 RECEIVER F.M 20-28 MC, 5 CHANNEL CRYSTAL CONTROL, FD 15 KC. WITH 11 TUBES 3/12SH7,1/12SJ7,2/12H6,2/12A6,1/12SL7GT & 2/12K8. WITH 14 VDC DYNAMOTOR OUTPUT 260 VDC 60 MA., AUDIO OUTPUT 500OHM & SQUELCH CIRCUIT.
 SIZE: 12x9x9; WT: 23 LBS. PRICE: RE-NEW \$18.95
 CONNECTOR PLUG TO FIT UNIT ... \$1.50

PHILCO TRANSMITTERS PRT150GT 154-172 MC. FM. 30 WATT, 6 VOLT DYNAMOTOR P.S. CRYSTAL CONTROL SINGLE CHANNEL TUBES, 2/3A4,1/9003,1/6BJ6,2/2E24,1/6CA & 1/2E30. USED COND
 SIZE: 15x10x8; WT: 35 LBS. PRICE: W/TUBES, L/CRYS. \$14.95

PHILCO RECEIVER PRT72G 70-80 MC.F.M 6 VOLT VIBRATOR POWER SUPPLY, CRYSTAL CONTROL, SQUELCH CIRCUIT, WITH TUBES 3/6B06,3/6AK5, 2/6AQ5,1/6CA,1/7F7 & 1/7A8. USED LESS CRYST.
 SIZE: 15x10x8; WT: 30 LBS. \$14.95

NAVY RECEIVER CAY-46076 A.M
 360 TO 2000 KC. IN FOUR BANDS, ILLUMINATED DIAL, SPIN TUNING, BROAD & SHARP SELECTIVITY, AVC, MOD, CW, OL CONT., ANT. COMP, GAIN, BEAT NOTE, OUTPUT LEVEL & NOISE LIMITER CONTROLS. HEAD PHONE OUTPUT JACK. WITH TUBES 3/12SJ7,2/12SK7,3/12SG7,2/12H6 & 1/12A6. WITH SEPARATE POWER SUPPLY.
 SIZE: 12x9x15, P.S 8X10X14. TOT. WT: 75 LBS. PRICE: USED CHECKED \$50.00

CONTROL RECEIVER
 R-127 RADIO CONTROL CONVERTING RECEIVER 162-174 MC F.M. 2 CHANNEL OUTPUT, BATTERY OPERATION, REQUIRED VOLTAGES 67, 45, 90, 1 1/2, 7 1/2 & -10 1/2 WITH TUBES 2/959,2/174,2/3S4,1/1S5 & 1/958. I.F 8.25MC CHASSIS AS PHOTO. W/SCHEMATIC
 SIZE: 12x7x8; WT: 12 LBS. RE-NEW \$19.50
 CONNECTOR PLUG TO FIT UNIT..... 1.50

GENERAL ELECTRIC FM TRANSCEIVERS 148-174 MC. COMPLETE WITH TUBES: 2/12AT7,2/6AK5; 6/6BH6;6AQ5;2/12AX7;6AL5;6C4 6AQ7;3/6BJ6;5763;2E26. NO ACCESSORIES AVAILABLE.
 ES12A1 12VDC \$69.50

SAME AS ABOVE EXCEPT: COMPLETE WITH TUBES. 6/6BH6;6AL5;12AX7;2/12AT7;5763;12AU7;6AQ7; 6AQ5;6AK5;2E26;4/6BJ6. NO ACCESSORIES AVAIL. SH. WT. 40 LBS. ES12A2 6VDC \$55.00

RCK NAVY TYPE RECEIVER A.M
 110 TO 160 MC CRYSTAL CONTROL ON FOUR FREQUENCIES WHICH ARE VARIABLE TUNED FROM THE FRONT PANEL. RECEIVER DOES NOT HAVE CONTINUOUS TUNING WITHOUT CRYSTALS. VARIABLE CONTROLS FOR NOISE-LIMITER, OUTPUT METER, SILEN CER, R.F GAIN, A.F GAIN, PHONES, A.F BAND ETC.- POWER SUPPLY IS 115 V. 60 CYCLE. METERS FOR D.C VOLTS, D.C MILLI AMP & DB. WITH TUBES 8/6AB7,2/6H6,1/6V6,1/6J5,1/VR-105 & 1 5U4.
 SIZE: 19x9x19; WT: 85 LBS. PRICE: USED NOT CHECKED \$50.00

NAVY WALKIE TALKIE MARINE BAND

NAVY WALKIE-TALKIE TRANSMITTER & RECEIVER. THIS EQUIPMENT IS CRYSTAL CONTROLLED AND CAN BE OPERATED ON ANY ONE CHANNEL IN THE FREQUENCY RANGE OF 2.3 TO 4.5 MC. VOICE (A3) COMMUNICATION ONLY, OUTPUT OF TRANS IS 0.2 WATTS AND SATISFACTORY COMMUNICATION BETWEEN UNITS OVER AVERAGE TERRAIN SHOULD BE ABLE TO BE MAINTAINED UP TO APPROX. (1) ONE MILE.
 WITH TUBES 1/1R5,1/1S5,2/1T4,3/3S4. VOLTAGES REQUIRED 67.5 VDC 3 MA; 135 VDC 4 MA; 1.5VDC 225 MA FOR REC. 67.5 VDC 1.5 MA; 135 VDC 19 MA; 1.5VDC 225 MA & -6VDC 30 MA FOR TRANSMIT. UNIT COMES IN A WATERPROOF PLASTIC CASE WITH SPACE FOR BATT. OR POWER SUPPLY. TELESCOPING ANTENNA 6 FT. HAS SPEC. LOADING COIL.
 COMPLETE WITH TUBES, ANTENNA, 2 CRYSTALS FT-243 (NO CHOICE) HEADSET W/CANVAS BAND CARBON MICROPHONE, CANVAS COVER, & MANUAL. SIZE 8x8x2; WT: 8 LBS. \$9.95

NAVY TCS TRANSMITTER

AM, 1.5 TO 12 MC IN 3 BANDS, 40 WATTS CW, 20 WATTS PHONE, VARIABLE MASTER OSCILLATOR AND 4 CRYSTAL CONTROL PRE SET CHANNELS OVER THE ENTIRE FREQ. RANGE. WITH 3/12A6 TUBES IN THE OSC. AND BUFFER-DOUBLER, 4/1625'S MODULATOR AND POWER AMPLIFIER STAGES. ILLUMINATED DIAL WITH VERNIER AND SPIN TUNING. 2 1/2 INCH METERS FOR READING VOLTAGES & R.F. ALL TUNING AND OPERATING CONTROLS ARE ON THE FRONT PANEL. VOLTAGES REQUIRED 12 VDC & 400-440 VDC 200 MA. SIZE: 11 1/2 x 11 1/2 x 13 1/2; 41 LB USED \$34.50
 USED CHECKED FOR OPERATION \$44.50

NAVY TCS RECEIVER

AM, 1.5 TO 12 MC IN 3 BANDS, CRYSTAL CONTROL ON FOUR PRESET CHANNEL OR VARIABLE FREQUENCY OVER THE ENTIRE RANGE. AUDIO OUTPUT 1.5 WATTS INTO A 500 OHM LOAD. WITH TUBES 12SK7 RF AMPLIFIER, 12SA7 CONVERTER, 2/12SK7 IF AMPLIFIER, 12SC7 DETECTOR/BFO, 12A6 OSC. & 12A6 AUDIO AMP. IF FREQ. 456. ILLUMINATED DIAL WITH VERNIER & SPIN TUNING. AUDIO GAIN, AVC & BFO CONTROLS. VOLTAGES REQUIRED 12 VDC & APPROX. 220 VDC @ 100 MA. CW PITCH AND OSCILLATOR SELECTOR CONTROLS. SIZE 11 1/2 x 11 1/2 x 13 1/2; 37 LB. USED \$44.95
 USED CHECKED FOR OPERATION 54.95

NAVY WALKIE-TALKIE DIRECTION FINDING EQUIPMENT MODEL DAV
 SAME AS "MAB" DESCRIBED ABOVE ONLY HAS A DIRECTION FINDING LOOP CIRCUIT FOR HOMING AND IS IN A WATERPROOF PLYWOOD CASE WITH WEB STRAPS FOR CARRING ON BACK OR FRONT. ALSO COMPLETE WITH TUBES, HEADSET WITH CANVAS BAND, LIP MICROPHONE, TELESCOPING ANTENNA & 2 CRYSTALS (NO CHOICE) WITH MANUAL. SIZE: 14x10x3; 11 LB PRICE: UNUSED \$12.95

MARINE BAND

TCS POWER SUPPLIES
 115 V 60 CYCLE (NOT SURPLUS)
 COMBINATION UNIT FOR RECEIVER, TRANSMITTER & CONTROL BX
 7x8x13; 50 LBS. WIRED \$50.00
 TRANSMITTER ONLY: 5 1/2 x 6 1/2 x 9 1/2; 15 LB. " 35.00
 RECEIVER ONLY WITH SPEAKER 10x10x6; 15 LB. " 20.00

TCS REMOTE CONTROL UNIT TYPE 23270 FOR REC. TRANS. AND AMPLIFIER WITH HEAVY DUTY 5" PM SPEAKER, MIC & PHONE JACKS, VOL. CONTROL & SWITCHES.
 3x5 1/2 x 7 1/2; 7 LBS. RE-NEW \$9.95

RUBBER SHOCK MOUNTS ONLY EACH \$0.50
MOUNTING BASE ONLY \$1.50 WITH 4 MOUNTS \$2.95
NOISE LIMITER CONVERSION KIT W/6H6TUBE 2.00

VIBRATOR POWER SUPPLY MAB & DAV
 DESIGNED FOR USE WITH MAB & DAV DESCRIBED ABOVE, OPERATES FROM 6 V DC STORAGE BATTERY NT-6, THAT FITS ON BOTTOM OF P.S. PACK, 6 V 4AMP. (CAN BE OPERATED FROM ANY 6 VDC 4 A. SOURCE) SUPPLIES 1.5 VDC .3 A, -6 VDC .02 A, 67.5 VDC .005 A, 135 VDC .02A. ALSO USED WITH NAVY EQUIP. MU, MV, MW, & MX. SIZE: 6x3x3 1/2; WT: 2 LBS. NEW \$6.95

TCS CABLES RECEIVER TO POWER SUPPLY \$2.75
 " " TRANSMITTER TO " " 2.75
PLUGS FOR CONTROL BOX & " (2) 3.00

TCS ANTENNA LOADING COIL #47205; USED TO MATCH THE OUTPUT OF THE REC./TRANS. TO A WHIP ANTENNA TO OBTAIN THE MAXIMUM PERFORMANCE. OR BY USE OF THE 6 POSITION TAP SWITCH IT CAN BE USED TO MATCH VARIOUS LENGTHS OF STRAIGHT WIRE ANTENNA SYSTEMS.
 SIZE: 6x9x6 1/2; WT: 7 LBS. PRICE: USED \$6.95

TCS DUAL DYNAMOTOR POWER SUPPLY
 INPUT 12 VDC 14.5 AMP.
 OUTPUT 440 VDC 200 MA.
 FOR TRANS. 225 VDC 100 MA. FOR REC., FILTERED INPUT & OUTPUT WITH START RELAY & CONNECTORS FOR CONNECTING REC. TRANS. & CONTROL BOX. RE-NEW
 SIZE: 12 1/2 x 7 1/2; WT: 35 LBS. PRICE: \$14.95

D-401 DYNAMOTOR ONLY FOR TRANS. INPUT 12 VDC 9.9 AMP, OUTPUT 440 VDC 200 MA. RE-NEW \$6.95

D-402 DYNAMOTOR ONLY FOR REC. INPUT 12 VDC 3.8 AMP. OUTPUT 220 VDC 100 MA. RE-NEW \$4.95

N-T-6 PLASTIC STORAGE BATTERY
 FOR ABOVE POWER SUPPLY CRF-20221A SUPPLIES 6 VOLTS DC 4 AMP.
 SIZE: 3 1/2 x 2 1/2; WT: 2 LBS. DRY \$3.95
 CHARGE BATTERY.

TCS PARTS
 MOST PARTS AVAILABLE, ADVISE US OF YOUR NEEDS.

STEPPING SWITCHES



WESTERN UNION AUTOMATIC NUMBERS CONSISTS OF 3 ROWS OF LIGHTS NUMBERED 0-9, 3 STEPPING SWITCHES 6 DECK 11 POSITION, ONE 10 DECK 24 POSITION STEPPING SWITCH, ONE RELAY 4PDT & 4PST, OPERATES 40-48 VDC, MOUNTED ON CHASSIS 4 1/2 x 7 1/2 x 13 1/2; WT: 12 LBS. #9701.1A
PRICE: USED \$19.95



STOCK#	POS.	DECK	VDC	PRICE:
7709181P2	25	10	24	\$9.95
7709181P6	25	9	24	8.95
7709181P1	26	9	24	9.50
CONTINENTAL CONNECTORS 75-20H-1				
ONP2 & P6, 34-20H/P2, 21-20H/P1				
Z17139	25	5	24	\$5.95
917723	24	6	30/36	4.95
917722	24	8	30/36	5.95
916909	24	10	30/36	6.95
916972	12	2	32/36	1.95
917958	11	3	32/36	2.95
ON OTHER UNIT	11	6	32/36	3.95

NO CONNECTORS 917958
ON OTHER UNIT 917978

BC-223 TRANSMITTER

\$19.95



BC-223 TRANSMITTER 25 WATT 2000 TO 5200 KC BY USE OF 3 PLUG IN TUNING UNITS, CRYSTAL CONTROL AND VARIABLE OSCILATOR, FOUR PRESELECTED CHANNELS, USES

FT-171 CRYSTAL HOLDERS WITH TUBES 1/801 OSCILATOR, 1/801 POWER AMPLIFIER, 2/46 MODULATORS, 1/46 AUDIO AMPLIFIER, 2 1/2" METERS, 0-3 R.F. & 0-300 VDC MA. VOLTAGE REQUIRED 12 OR 24 VDC & 500 VDC @ 150-200 MA.

SIZE: 18x13x7; WT: WITH 3 TUNING UNITS 100 LBS
PRICE: W/TUBES AND 3 TUNING UNITS WITH CASES FOR 2 TUNING UNITS.. NEW \$19.95

TU-17 TUNING UNIT 2000-3000 KC.	\$3.95
TU-18 " " 3000-4500 "	2.95
TU-25 " " 4500-5200 "	2.95
CS-56 CASE FOR HOUSING TUNING UNIT	1.00
FT-173 SHOCKMOUNTING	1.95
POWER PLUG CONNECTOR F/TRANS OR POWER	1.25
PE-135/PE-55 DYNAMOTOR 12/24 VOLT, USED AC POWER SUPPLY	10.95
KIT OF PARTS \$25.00 WIRED \$29.95	

COMCO MODEL 278 TRANSMITTER-RECEIVER 275 MC. RECEIVER-TRANSMITTER FOR 6/12/24 VOLT OPERATION. POWER OUTPUT 2-3 WATTS. UNIT IS CRYSTAL CONTROLLED (CRYSTALS NOT INCLUDED). COMPLETE WITH TUBES: 2E26, 5686, 5/68H6, 12AX7, 2/6AQ5, 6AT6, 3/68J6, 6BE6, 2/6AK5, 6AK6. UNIT COMPLETE WITH TUBES, CABLES, SPEAKER, AND CONTROL BOX. SIZE: 12x11x5 1/2. WT: 35 LBS.
USED \$39.95

DIVERSITY RECEIVER



DIVERSITY RECEIVING EQUIPMENT PROVIDES A MEANS FOR COMBINING THE OUTPUT OF THREE RECEIVERS TO PRODUCE A SINGLE KEYED AUDIO OUTPUT SIGNAL, FREE FROM NOISE AND OTHER UNDESIRABLE INTERFERENCE. IT IS SUITABLE FOR USE ONLY IN CW & MCW SIGNALS AND NOT VOICE. THE BAND PASS FILTER IS FOR 600 TO 1200 CYC. AND THE OUTPUT OF EACH RECEIVER IS INDICATED ON THE METERS WHICH ARE 500 MICROAMP. THE AUDIO FREQ. CONTROL CAN BE ADJUSTED FOR THE PROPER BAND PASS. INPUT AND OUTPUT IMPEDANCE IS 600 OHMS. EQUIPMENT OPERATES FROM 115/230 VOLT 50/60 CYC. AND CAN BE RACK MOUNTED. W/TUBES 1/VR-150, 1/6F8, 3/6A6, 2/6SJ7, 1/77, 1/1V, 1/80. SIZE: 21x19x14; WT: 125 LBS.
PRICE: NEW WITH MANUAL \$19.95

AMPLIFIER, FILTER, POWER SUPPLY. PRINTED CIRCUIT WITH TUBES 2/5840, 1/5678 & 1/6112, SILVER PLATED SHIELDS RESISTORS, CONDENSERS ETC. SIZE: 5x3x3 3/2 LBS. #1280-779-1385
\$1.50

RECORDER PLAYBACK



D-5 DIRECTOR AND T-5 TRANSCRIBER DICTATING-RECORDING MACHINE FOR PLASTIC DISC 6" @ 33-1/3 RPM. THE D-5 DIRECTOR CUTS AND CAN PLAY

BACK THE RECORD WHICH IS CONTROLLED BY THE MICROPHONE. UNIT HAS ADVANCE AND REPEAT CONTROL AND MODULATION LEVEL INDICATOR. THE RECORD HAS A CENTERING INDEX TO SHOW HOW MANY LINES HAVE BEEN TRANSCRIBED. THE T-5 TRANSCRIBER IS FOR PLAYBACK ONLY AND IS CONTROLLED BY A STOP AND GO FOOT SWITCH. THE OUTPUT IS FEED TO A HEADSET PHONE JACK. EQUIPMENT OPERATES FROM 115 VOLT 60 CYCLE AND IS UNUSED BUT MAY NEED SOME REPAIR AND ADJUSTMENT. DISCS ARE FOR HALF HOUR RECORDING SIZE: DIRECTOR 11 1/2 x 9 1/2 x 3; WT: 12 LBS. TRANS. 9x9x10 1/2; WT: 10 LB.
PRICE: AS DESCRIBED DIRECTOR, TRANSCRIBER, MICROPHONE, SWITCH & 500 BLANK DISCS \$30.00

Box of FIFTY (50) BLANK DISCS \$3.00

AIR SPEED INDICATOR

ID-168B/APA-44 AIRSPEED INDICATOR. CONTAINS A KOLLSMAN TRUE AIRSPEED METER AND AN INDICATING DEVICE WITH A RANGE OF 84 TO 434 KNOTS. BY OPERATION OF THE TEST SWITCH THE AIRSPEED SERVO MAY BE MADE TO RUN IN DIRECTION OF INCREASING AIRSPEED, IN DIRECTION OF TRUE AIRSPEED, OR TO HOLD THE PRESENT SETTING FLEXIBLE TUBE CONNECTED TO A TEMPERATURE COMPENSATED THERMOMETER. JOHN OSTER MOTOR # AV 240 28 VDC. TUBES 1/6AK5W. WESTERN ELECTRIC RELAY D171584. SIZE 15x7x5. WT. 19 LBS.
USED \$5.95 RE-NEW \$8.95



RT-122/APW-11 REC.-TRANS.

RT-122/APW-11 RECEIVER TRANSMITTER, THIS UNIT CONSISTS OF A TUNABLE RECEIVER CAVITY, A CRYSTAL DETECTOR, A VIDEO AMPLIFIER, DECODING CIRCUITS, A TRANSMITTER AND CIRCUITS FOR OBTAINING AUDIO FREQUENCY TONES FROM THE PULSE POSITION MODULATED SIGNALS OF THE AM/MSQ-1. THE TRANSMITTER CONTAINS CIRCUITS FOR ENCODING THE REPLY BY VARYING THE SPACING BETWEEN THE TWO REPLY PULSES. THE RECEIVER-TRANSMITTER RECEIVES INPUT PULSES TRANSMITTED AT A PULSE REPETITION FREQUENCY OF 410 CYCLES PER SECOND AND A PRESET CARRIER FREQUENCY RANGING BETWEEN 2680 AND 2920 MC. THE REPLY PULSES ARE AUTOMATICALLY TRANSMITTED AT A PRESET CARRIER FREQUENCY RANGING BETWEEN 2700 AND 2950 MC. TUBES: 11/12AT7; 2/2021; 6AS6; 6AL5 2C40. SIZE: 13x5x6. WT. 19 LBS.
PRICE: USED WITH TUBES... \$14.95
USED LESS TUBES... 5.95



C-400/APW-11 SELECTOR UNIT FOR RT-122 REC-TRANS. CONTAINS 6 RELAYS 24 VDC SPST NORM OPEN 15 9 PIN SOCKETS, 1 OCTAL, 6 FILTERS, 1 DPDT SW. RESISTORS CONDENSERS ETC. 5x6x12; 8 LBS
PRICE: USED LESS TUBES \$2.95



SERVO AMPLIFIER

SERVO AMPLIFIER #358661 IN SEALED BLACK BOX CONTAINING SIX (6) TUBES 2/6AL5, 2/6AQ5, 1/6096, 6101, RELAY DPDT, OUTPUT TRANS. COND. RESISTORS ETC. SIZE: 5x3x4; WT: 4 LBS. USED \$1.95



AMPLIFIER

WEBSTER ELECTRIC AMPLIFIER SERVO TYPE: OPERATES FROM 115 VOLT 60 CYCLE, WITH TUBE 3/6SN7, 1/6H6, 1/6SN7 & 1/5T4, POWER SUPPLY OUTPUT 250 VDC 80 MA (UNFILTERED) 5 VAC @ 3 AT 6.3 VAC @ 3 A., 6.3 VAC @ 4 AMP. ALSO INTER-SWAGE TRANSFORMERS, RESISTORS, CONDENSERS, CONTROLS ETC. CHASSIS SIZE 14x6x1 1/2; WT: 19 LB
PRICE: USED \$4.95



TRANSISTOR BOARDS

THE TRANSISTOR BOARDS LISTED BELOW ARE APPROX. 4 1/2 x 5 1/2" AND CONTAIN THE PARTS LISTED. \$1.25 PRICE: EACH,

#44485-506-11
3/#6111 G.E. TUBES; 2/2N338 SWITCHING AND HIGH FREQUENCY TRANS.; 21 1/2 WATT RES.; 3/1 WATT RES.; 6/ GLASS DIODES; CAPACITORS: 3/.1 MFD @ 100 VDC; 2/.061 MFD @ 200 VDC; 3/1.5 MBD.-150 VDC TAN ALUM CAP.



#40085-401-31
2/2N498 4W. SILICON MESA PNP TRANS. 1/2N335 .15W SMALL SIGNAL TRANS. 6/ 1N540 DIODE 2.5A-400P1V; 4/ 1/2 WATT RES.; 3/ 1/2 WATT 1% RES.; CAPACITOR: 1/5MFD-150 VDC TANTALUM; 1/7 MFD 100VDC TANTALUM; 1/2MFD-100VDC TANTALUM; 1/1MFD-1000 VDC; 1/.0033MFD 100VDC; 3/.1MFD-100VDC; 1/1000OHM BOURNS TRIMPOT.



#40835-401-11
2/2N498 SILICON MESA PNP-4W; 3/2N335 .15 W SMALL SIGNAL TRANS.; 6/U-222 DIODES; 1/2K BOURNS TRIMPOT; 4/ 1/2 WATT RES.; 7/ 1/2 WATT 1% RES.; 1/.1MFD-200 VDC CAPACITOR.



#44490-506-11
1/#6021 TUBE; 4/1N251 SILICON SIGNAL DIODE 5MA 1V.; 1/1N643 SILICON DIODE 10MA-200V.; 1/10K BOURN TRIMPOT 11 1/2 WATT RES.; 2/2 WATT RES.; 1/1% RES CAPACITOR: .35MFD-150VDC TANTALUM 1.5MFD-150VDC TANTALUM; .0047MFD -200 VDC; .022MFD-200 VDC; 3/.01-200 VDC; .01-400 VDC; 1 TRANSFORMER



K2401 PLUG-IN PRINTED CIRCUIT BOARD W/BILEY CRYSTAL 436 KC 6 TRANSISTORS, 12 DIODES, 436 KC & 108 KC FILTER, CONDENSERS, RESISTORS, TRANSFORMER SIZE: 9x4 1/2 x 1; 2 LB. USED \$2.95
K2419 SIMILAR TO ABOVE UNIT W/ 7 DIODES, 2 TRANSISTOR, 19 RESISTORS, 14 CAPACITORS, 5 SMALL TRANSFORMERS, 2 FILTERS, SOCKETS ETC. SIZE: 9x4 1/2 x 1; 2 LBS. \$1.50

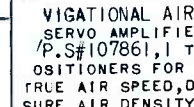


TRANSISTOR BOARDS 5/ \$1.00
BOARDS SIMILAR TO THOSE PICTURED. EACH PACKAGE CONTAINS 5 BOARDS WHICH HAVE DIODES TRANSISTORS, CONDENSERS, AND RESISTORS. EACH BOARD 2 5/8 BY 3 7/8. WT. 9 OZ.
PRICE: 5/ \$1.00



COMPUTER

COMPUTER PRIMARY CONTROL BOX MK-1 CONTAINS 1 AY-232 AUTOSYN, 4 BAND SWITCHES, 4 TOGGLE SW. 6 PILOT LITE 2 SMALL DIRECT LITES, 4 RELAYS 24 V KNOBS, CONN. ETC.
SIZE 6-3/4x10 1/2x6; WT: 10 LBS. \$8.95



VIGATIONAL AIR DATA COMPUTER SERVO AMPLIFIERS #SA 118H /P.S.#107861, 1 TEST ADAPTER, POSITIONERS FOR JUMP ANGLE, TRUE AIR SPEED, DYNAMIC PRESURE, AIR DENSITY, ANGLE OF ATTACK & MACH. SIZE: 9x5x17; WT: 40 LBS. USED \$18.95

ELAPSED TIME METER

ELAPSED TIME METER 0-9999.99 HOURS. CAN BE USED TO KEEP RECORD OF RUNNING OR OPERATING TIME OF ELECTRICAL, ELECTRONIC EQUIPMENT, INDUSTRIAL MACHINES ETC. RECORDS ELAPSED OPERATING TIME IN HOURS, TENTHS & HUNDRETHS. OPERATES FROM 40 VOLTS 60 CYCLE OR FROM 115 VOLT 60 CYCLE BY USE OF DROPPING RESISTANCE WHICH IS SUPPLIED. NUMBER VIEWER SIZE 1/2". USED IBM#74C503D; SIZE: 2 1/2 x 2 1/2 x 3 1/2; 2 LB. \$2.95



ELECTRIC IMPULSE COUNTER 24 VAC 0-9999 WITH HAND RESET. WILL OPERATE FROM 12 OR 24 VOLTS 60 CYCLE. EACH CURRENT IMPULSE WILL RECORD ONE NUMBER, INCREASING. SIZE: 2x1 1/2 x 2 1/2; WT: 1 LB. MERCURY #B32 MERCURY #B-32 PRICE: USED \$2.95



MAGAZINE

MAGAZINE FOR RADARSCOPE IMAGE RECORDING CAMERA TYPE C-1A FOR THE O-15 CAMERA SYSTEM. WITH 1-3/8" X 3 1/2" SPOOL.
 SIZE: 3 1/2 x 5 9/16; WT: 8 LBS.
 PRICE: USED \$9.95



MAGAZINE

MAGAZINE FOR RADARSCOPE IMAGE OPTICAL TARGET RECORDING CAMERA TYPE C-7 WITH FILM SPOOL SIZE 1-3/8" X 2 1/2".
 SIZE: 3 1/2 x 6 x 5 1/2; WT: 5 LBS.
 PRICE: USED \$9.95



INTERVAL CONTROL

CONTROL INTERVAL DUAL PHOTOFLASH CARTRIDGE EJECTOR TYPE F-4A. CONTAINS 2/24 VDC COUNTERS 4 DIGIT, B-10 INTERVALOMETER, AUTOMATIC CONTROL FOR CAMERA 24 VDC, CN-1A1 COUNT LIMITER CONTROL, 5 LIGHTS, PUSH SWITCH, 4 DECK WAFER SW. TIME DELAY RELAY, CONDENSERS ETC. W/ SCHEMATIC
 SIZE: 5x5x8; WT: 8 LBS. PRICE: USED \$5.95



EXPOSURE CONTROL

TYPE P-8 CONTROL BOX FOR CONTROL OF EXPOSURE FREQUENCY USED WITH CAMERA EQUIP. HAS 4 PAIRS OF CONNECTORS 2/ 11 CONDUCTOR, 2/ 15 CONDUCTOR, 2 POTIOMETERS, 2 WAFER SWITCHES, 4 FUSE HOLDERS, 6/ 28 VDC OPEN FRAME RELAYS, MISC CAPACITORS AND HARDWARE. SIZE 6x7 X9. WT; 14 LBS PRICE: \$8.95



CONTROL EXPOSURE

CONTROL EXPOSURE FREQUENCY LD-6 FOR USE WITH RADAR RECORDING CAMERA. CONTAINS 6 RELAYS 28 VDC & 1 STEPPING RELAY WITH TIMING SEQUENCE WITH 3 CONTACT ARMS. ALSO 2 POTS, 2 WAFER SW. 2 FUSE HOLDERS, 3 EA. 327 BULBS, CONDENSERS RESISTORS ETC.
 SIZE: 4 1/2 x 5 x 9; WT: 8 LBS. USED PRICE: \$4.95



TRIPPING CONTROL

CONTROL FOR DURATION TRIPPING PULSE PHOTO CONTROL SYSTEM E-1 VOLTAGE REQUIRED 24 VDC, CONTAIN DELCO 24 VDC P.M MOTOR 10,000RPM CONNECTED TO A GEAR BOX ALSO A 3 DIGIT ELECTRIC COUNTER WITH MANUAL RESET, 2 - 24VDC RELAYS, START, STOP AND SINGLE EXPOSURE PUSH BUTTON SWITCHES, PILOT LIT & FUSE HOLDER. W/ SCHEMATIC
 SIZE: 5 1/2 x 6 1/2 x 3 1/2; WT: 8 LBS.
 PRICE: USED \$8.95



MASTER CONTROL

TYPE L-6 MASTER CONTROL HAS 4 GEAR DRIVES FROM THUMB WHEELS TO DIALS WHICH ARE CONNECTED TO 4 PRECISION POTIOMETERS. 5 TOGGLE SWITCHES, 3 PILOT LIGHTS, 5 DIAL LIGHTS, 28VDC 4PDT SEALED RELAY AND OTHER PARTS. SIZE 6x8x8 WT: 7 LBS, PRICE: \$6.95



DIGIT CONTROL

CONTROL SPLIT VERTICLE CAMERA TYPE K-3, CONTAINS 24 VDC 4 DIGIT COUNTER, 2 LIGHTS, 2 PUSH SWITCHES, 4 DECK 4 POS. WAFER SW. AND 4 EA. 320R BULE
 SIZE: 6 1/2 x 2 x 5; 3 LBS. \$2.95 U



COMPUTER SYSTEM



AMPLIFIER, ELECTRONIC CONTROL TYPE D-1; CHOPPER SAMPLING TYPE WITH TOROIDAL TRANSFORMERS WITH FEED-BACK LOOPS, 6 VOLT 400 CYCLE CHOPPER, 1/5814 & 1/5751 TUBES, SELENIUM RECTIFIER SUPPLY, RESISTORS, CONDENSERS ETC. W/ SCHEMATIC
 VOLTAGES REQ. 255VDC, -35VDC, 6.3VAC, 115/400CY
 SIZE: 4x6x9; WT: 12 LB. PRICE: USED \$4.95

COMPUTER-POWER SUPPLY LA-15 CONTAINS 115 V 400 CYCLE P.S OUTPUT -35VDC & 210 VDC, 3 DECK 25 POS. WAFER SW. 3 POLE 25 POS. WAFER SW. 1 " 12 POS. WAFER SW. 33 PRECISION RESISTORS WIRED TO THE SWITCHES ALSO COND. RECTIFIERS, CONTROL ETC. W/ SCHEMATIC
 SIZE: 6x4x4; WT: 3 LBS. USED \$3.95



AMPLIFIER, ELECTRONIC CONTROL TYPE E-1; TORROID COIL TRANSFORMERS, K2701 CHOPPER ERROR SAMPLING & FEED-BACK COMMAND SIGNAL. 1/5751 & 1/5678 TUBE, TRANS. ETC.
 VOLTAGE REQ. 255 VDC, -22V, 6.3 VAC & 115V400C
 SIZE: 4x6x1 1/2; WT: 2LB. W/ SCHEMATIC U \$1.95

MOUNTING BASE FOR AMPLIFIER ASSY. LA-18; USED WITH CAMERA CONTROL SYSTEM LA-17, HOLDS COMPUTER P.S LA-15, CONTROL AMP. E-1 & D-1 DESCRIBED ABOVE CONTAINS 4 RELAYS 4PDT, SWITCHES FILTER, RESISTORS ETC. ALSO MATTING PLUGS FOR ABOVE UNITS.
 SIZE: 13 1/2 x 5 x 2; WT: 8 LBS.



\$3.50 BASE ONLY, WITH SCHEMATIC
 CONNECTOR PLUGS TO FIT BASE ONLY, EACH \$2.50
 CONNECTOR PLUGS TO FIT UNITS " " 1.00

AMPLIFIER



RCA M1-22812 LATTICE AND SERVICE CHANNEL ADAPTER PANEL; RACK MOUNTING 19" AMPLIFIER USING 3/6AW8 TUBES, 115 VOLT 60 CYCLE POWER SUPPLY OUTPUT APPROX. 250 VDC @ 120 MA. USING SELENIUM RECTIFIERS. SIZE: 5" DEEP, 5" BEHIND PANEL & 6" IN FRONT. WT: 15 LBS. PRICE: UNUSED \$14.95

CONTROL UNIT



RM-25 REMOTE CONTROL UNIT FOR RACK PANEL MOUNTING 19" X 11 1/2 X 10 1/2; CONTAINS 8 LEVER SWITCHES, 6 PUSH LEVER SWITCHES, 11 CALL SIGNAL LAMPS, A GN-38 HAND CRANK GENERATOR, 6 TELEPHONE RELAYS, 1 DOUBLE GONG BELL, 3 JACKE 9 TWO MFD. CONDENSERS, TELEPHONE COILS ETC.
 WT: 35 LBS. A REAL GOOD BUY FOR \$10.00

TUNING UNIT



BC-746 TUNING UNIT; CONTAIN TRANSMITTER & RECEIVER CRYSTALS, ANTENNA COIL, ANTENNA TANK VARIABLE CAPACITOR AND CORE-TUNED REC. R.F COIL HOUSED IN A FIBER CASE WHICH PLUGS INTO THE BC-745 RECEIVER-TRANSMITTER SET THAT THAT COVERS THE FREQ. RANGE OF 2 TO 6 MC. A.M. THE VARIABLE CAPACITOR VAL- IN ALL UNITS 6.5 MMF-140MMF
 THERE ARE 13 DIFFERENT TUNING UNITS AND THERE ARE TWO FT-243 CRYSTALS OF DIFFERENT FREQ.

CHAN. NO.	TRANS. FREQ.	REC. FREQ.	CHAN. NO.	TRANS. FREQ.	REC. FREQ.
1	3010 KC	3465 KC	8	3525	3980
2	3825 "	4280 "	9	3655	4110
3	3995 "	4450 "	10	3735	4190
4	4845 "	5300 "	11	4780	5235
5	5500 "	5955 "	12	5030	5485
6	5880 "	6335 "	13	5305	5700
7	3245 "	3700 "			

SIZE: 4x3x1 1/2; WT: 1LB. \$1.00 EA. EXCEPT 7/8/10 PRICES: CHAN. 8 \$1.50 CHAN. 7&10 \$1.25

DIGITAL DISPLAY



DIGITAL DISPLAY: EACH UNIT WILL SHOW NUMBERS 0 TO 9 ALSO \$ SIGN 3-3/16" HIGH ON 3 1/2 x 4 SCREEN THAT CAN BE SEEN FOR QUITE A DISTANCE. OPERATES FROM 6.3 VAC. CAN BE ADAPTED FOR BASKET-BALL FOUL INDICATOR BY PLACING ONE OVER EACH SCOREBOARD AND HAVE A CONTROL PANEL CONSISTING OF 5 SWITCHES AND TRANSFORMER AT THE SCORER'S TABLE. (WIRING DIAGRAM FURNISHED ON REQUEST) CAN ALSO BE ADAPTED FOR USE AS A MOVING READOUT BOARD. SIZE: 3 1/2 x 5 1/2 x 1 1/2; WT: 7 LBS.
 PRICE: USED \$7.95 EACH 2 FOR \$15.00

SPECIAL TUBES



INFRA-RED IMAGE CONVERTER TUBE PERMITS SEEING IN THE DARK WITH LITTLE OR NO VISIBLE LIGHT. THIS IS ACCOMPLISHED BY MEANS OF INFRA RED RAYS WHICH ARE DIRECTED AT THE OBJECT OR AREA TO BE VIEWED. WITH ASSOCIATED ACCESSORIES THIS TUBE CAN BE UTILIZED TO DO THIS PLUS MANY OTHER EXPERIEMENTS CAN BE TRIED IN OTHER AREAS. (DETAILS OF SNOOPERSCOPE SUPPLIED WITH PURCHASE.) SIZE: 1 1/2 x 1 1/2; WT: 4 OZ.
 PRICE: \$1.95 EA. 3 FOR \$5.00

PHOTOTUBE: SIMILAR TO VISTRON R-71, 90 VOLTS. WITH LEADS, SIZE 1 1/2 x 2 1/2. \$1.50
 SIMILAR TO VISTRON R-50, 90 VOLTS. WITH LEADS, SIZE 5/8 x 1 1/2. \$1.00
 TYPE 923 4 PIN BASE \$2.25
 TYPE 930 OCTAL " \$2.25

LIGHT SENSITIVE SWITCH 12 VOLT; AS USED IN MIRROR-MATIC REAR VIEW 35¢ EA. 3 FOR \$1.00
 GEIGER MULLER TUBE ID-85/2J1-20 \$5.95

SUPER PRO OSCILLATOR



MC-531 CRYSTAL OSCILLATOR KIT FOR BC-779 SUPER PRO. IS DESIGNED TO STABILIZE THE OPERATION OF THE RECEIVER UNDER CONDITION OF VARYING LINE VOLTAGE AND CHANGING AMBIENT TEMPERATURE BY MEANS OF A CRYSTAL OSCILLATOR WHICH PROVIDES FOR CRYSTAL CONTROLLED RECEPTION AT ANY ONE OF THREE SIGNAL FREQUENCIES IN THE RANGE 1.5-20 MC. A 6AC7 IS USED IN A PIERCE OSCILLATOR. VOLTAGES REQUIRED; 270VDC AND 6.3VAC. 1 1/2 x 4 1/2 IN PANEL WITH CRYSTAL PHASING CONTROL AND CRYSTAL SELECTOR SWITCH. LESS CRYSTALS, W/ TUBE, 6AC7. SIZE 7x7x3 1/2; WT: 6 LBS. PRICE: RENT \$5.95

ARP RECEIVER



R-34/ARP-2 RECEIVER 90-1000 MEGACYCLES, PROVIDES AUTOMATIC OR MANUAL SCANNING THROUGH THE FREQ. RANGE. ALL SIGNALS WITHIN THE RANGE CAN SIMULTANEOUSLY INDICATED VISUALLY ON THE DIAL AND GRAPHICALLY ON THE 1-3/8" SENSITIZED TAPE: TIME AT WHICH SIGNALS APPEAR IS ALSO RECORDED ON THE TAPE; DURING THE SWEEP CYC. WHICH MAY BE SET AT 1.5 OR 5 RPS. AUTOMATIC SWITCHING FOR LOW AND HIGH ANT. VOLTAGE REQ. 26 VDC & 80-120 V 400 TO 2600 CYC. WITH 18 TUBES, 5 ROLLS OF TAPE AND OPERATING INSTRUCTIONS.
 SIZE: 21x10x8; WT: 50 LBS. UNUSED \$99.50
 MT-171 SHOCKMOUNTING FOR ABOVE RECEIVER \$2.75
 CONNECTOR PLUG ONLY \$1.50 WITH CABLE ... \$2.75

U.H.F. REC-TRANS.

TRANSMITTER-RECEIVER W/S CDN NO. 29 "B" SET APPROX 230 TO 245 MC. WITH SELF CONTAINED 12/24 VDC POWER SUPPLY. TWO PRE-SET CHANNELS IN THE FREQ. RANGE. (IDEAL SET FOR LOCAL NETTING. WITH TUBES 4/6AG5 2/6AK6, 2/6CA & 3/6J6.
 SIZE: 4 1/2 x 8 x 11; WT: 18 LBS.
 PRICE: USED \$18.95



UTILITY BLOWERS

THE BLOWERS LISTED BELOW ARE STANDARD SHADED POLE TYPE AND ARE QUITE RUNNING WITH NO RADIO INTERFERENCE.

50 & 100 CFM BLOWERS

For Heat Boosters, Dryers, Exhausters, Drafts

You can't buy a better blower for forced drafts for warm air heating system, heat boosters, exhausters, dryers, etc. Lowest priced, best made blowers of their kind. Single and twin types, 50 and 100 CFM respectively. Sturdy 3" dia. blower wheels are direct-driven by 115V, 60 Cy. quiet running Dayton motors. Steel housings are rubber mounted. Outlet velocity is 2030 ft./min. 9" wire leads. Black finish. Snpz. wts. 5 and 6 lbs.

#1C939F \$8.95

No. 1C939F

#2C721F \$12.95

340 CFM TWIN BLOWER

For Hot & Cold Air Circulation, Exhaust, Etc.

for this 275 CFM Dayton "P" motor. Ideal for air circulation, forced draft, and exhausting jobs requiring more air than possible with single blower. Efficient, dependable and quiet. 4 1/2" dia. balanced wheels powered by 1550 RPM, 115V, 60 Cy. motor with 12" leads. Rubber mounted pressed steel housings with 3/4"x3" outlets. Each outlet square flange to facilitate mounting. Outlet velocity is 1960 ft./min. 4 1/2" dia. air intakes. 11 3/4" W x 8 3/4" H x 8 3/4" D. Black baked on enamel. You'll like this blower's performance and the way it is built. Wt. 12 lbs.

#2C069F \$20.95

15 CFM BLOWER No. 2C782F \$8.75

100 CFM BLOWER No. 2C781F \$10.95

2C781 100 CFM 115 VOLT 60 CYCLE INTAKE 3 1/2" OUTLET 2-1/8" FLG 4-1/8" SIZE 5-13/16" H x 6-3/4" W x 6-5/16" SHPG. WT. 5 LBS. PRICE: \$10.95

2C782 15 CFM 115 VOLT 60 CYCLE INTAKE 2-7/8" OUTLET 1 1/2" FLG 2 1/2" SIZE 3-13/16" H x 4" W x 3-7/8" D. SHPG. WT. 2 1/2 LBS. PRICE: \$8.75

108 CFM 'PANCAKE' BLOWER

Compact—Motor is Inside Blower Wheel

Dayton "pancake" moves 108 CFM where installation space is limited. Only 4 1/2" wide because motor has been built inside blower wheel. Fits into 4-5/8" W x 8 3/8" H x 8 3/8" dia. Discharge 3 1/2" W x 3 1/2" H. Outlet velocity is 1530 ft./min. 4 1/2" dia. squirrel cage blower wheel and air intake. Steel, rubber mounted housing with baked on black enamel finish. 1550 RPM, 115V, 60 Cy. motor with 12" leads. Snpz. wt. 6 lbs.

#2C067F \$12.95

140 CFM UTILITY BLOWER

For Exhausting, Forced Draft, Cooling, Etc.

Delivers blasts of air \$11.95

Com. **2C610F** pack in 140 CFM single-inlet blower. Top performance for forced draft, ventilating, exhausting, cooling and drying applications. 5 1/2" x 4" mounting flange with 2 1/2" square discharge. Outlet velocity is 3220 ft./min. 3 1/2" dia. blower wheel direct-driven by 2800 RPM, 115 HP, 115V, 60 Cy. motor with conduit box and 20" leads. 7 1/2" W x 7 3/4" H (less flange) x 6 3/4" D. Order as directed and test best 140 CFM utility blower. Wt. 9 lbs.

350 CFM DAYTON BLOWER

4 1/2" Wheel, 1/10 HP, 115 V, 60 Cy. Motor

2C841F \$22.75

Designed for applications that require more air than average shaded pole blower provides. Ideal for many exhausting, heating, cooling, drying, circulating etc. applications. 350 CFM at 90" SP, 3500 ft./min. outlet velocity. In free air 6 1/2" x 2 1/2" blower wheel is direct driven by 1/10 HP, 1500 RPM, 115V, 60 Cy. motor. Precision steel housing with 5 1/2" x 5 1/2" mtg. flange. 4 1/2" x 2 1/2" x 2 1/2" dia. intake. 11 1/2" H x 7 1/2" D. Black baked on enamel. Snpz. wt. 13 lbs.

MINE DETECTOR

SCR-625 Famous ARMY MINE-DETECTOR

USED CHECKED LESS BATTERIES \$34.50

WITH BATTERIES \$39.50

BATTERIES ONLY \$5.95

USED TO DETECT HIDDEN METAL OBJECTS IN THE GROUND OR OTHERWISE HIDDEN UP TO 24 INCHES DEEP DEPENDING ON THE SIZE, AND GROUND CONDITIONS. DETECTION IS NOTED BY A TONE SIGNAL THAT IS FED INTO THE HEAD SET OR SPEAKER UNIT THAT ARE SUPPLIED WITH THE SET SHIPPED IN CARRING CASE WITH INSTRUCTIONS, 75 LBS

CRY BUTTONS REFLECTORS, CAN BE USED TO MAKE SIGNS OR MARKERS. SHINE WHEN LIGHT STRIKES 1/2" DIA. REQUIRES #10 NUT FOR MGT. NC#15-1 CARD OF 100 \$2.00

CONNECTORS

PL-58 AND JK-37 THREE PRONG PLUG AND JACK. PLUG IS KEYPED TO PREVENT INSERTING PLUG BACKWARDS. 2x3x1 1/2 EACH \$.59 PAIR 1.00

CONNECTOR PLUGS 15 CONTACT SIZE: 2 1/2x1 1/2x1 1/2 PER PAIR \$1.50 P-601

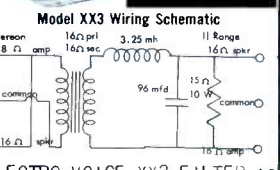
18 CONTACTS 2x2x2 1/2 P-2802 PER PAIR \$2.00

35 CONTACT CONNECTOR MALE#621905 FEMALE#407375 SIZE 2x1 NO COVER \$1.50 PR.

26 CONTACT MALE & FEMALE CONT.#26-20H 1 1/2x9/16; USED W/COV. \$1.50

15 CONTACT, POLARIZED 3 LARGE CONT. SIZE 1 1/2x2 AMPH #26-150 F/CHASS.#151 W/COV USED \$1.50

AUDIO FILTER



ELECTRO-VOICE XX3 FILTER IS AN AUDIO FREQUENCY FILTER THROUGH WHICH TWO AUDIO AMP ARE CONNECTED TO TWO SPEAKER SYSTEMS. THIS FILTER DIRECTS ALL BASB FREQUENCIES BELOW 300 CPS TO ONE SIDE OF THE SYSTEM WHILE THE HIGHER FREQUENCIES ARE PASSED WITH OUT CHANGE TO BOTH THE SYSTEMS. IN A STEREO SYSTEM THIS ELIMINATES THE NEED FOR TWO FULL RANGE SYSTEMS. CAN BE ADAPTED FOR OTHER USES. WT. 8 LBS. 5 1/2x4 1/2x5 1/2 EVXX3F NEW. \$2.95

60 MC IF BROAD BAND USES 10 TUBES 5/717A, 3/6AK5 1/6SL7 & 1/6SN7; HAS MIXER PANEL, RELAYS, CABLES ETC. SIZE: 14x4x5; WT: 4 1/2 LB. USED STK# D-152229 PRICE: WITH 5/717A \$2.95 WITH 10 TUBES 6.50

PPI RADAR SYNCHRONIZER OFFSET CHASSIS ASSY WITH TUBES 2/6AT6 1/6100, 1/6096, 1/6101, CERAMIC SOCKETS, 5 TEST PIN JAC PRECISION RES., COND TRANS, SIZE: 7x5x3; 4 LBS. \$1.50 STK. No. 1013 \$1.50

MX-303A MAGAZINE FOR WIRE RECORDERS ANQ-1A, VRW-1 ETC. W/WIRE ON SPOOLS, MAGNETIZING HEAD, TIMERS, SWITCHES ETC. SIZE: 8x4 1/2x3; 5 LBS. RE-NEW \$1.95

COILS

EXPERIMENTERS ASSORTMENT ALL FOUR ITEMS FOR \$1.00

DUAL VARIABLE CAPACITOR & COIL ASSY, APPROX. 165 MC. DUAL VAR. CAP. COIL, ACORN SOCKET ETC. APPROX. 200 MC SLUG TUNED VARIABLE COIL ASSY FOR BROADCAST BAND RF & OSCILLATOR F/455KC IF 1ST RF TUNING STAGE FOR PART OF BROADCAST BANDS, 3 VAR. CAP. COILS, COND. RESISTORS, WAFERS ETC.

BC-610 OSCILLATOR PLUG IN UNITS FOR 500 WATT TRANSMITTER WILL MAKE A GOOD FOUNDATION FOR A 25-40 WATT TRANSMITTER CONTAINS VAR. CAPACITORS, COILS KNOBS, CRYSTAL SOCK. SWITCH ETC. (ALL UNITS ARE USED AND HAVE CRACKED INSULATION ON THE PLUG IN PIN TU# FREQ. Mc. TU# FREQ. Mc. 47 2.0-2.5 48 2.5-3.0 49 3.2-4.0 50 4.0-5.0 51 5.0-6.3 53 8.0-12.0 62 1.0-1.5 "AS-IS" SIZE: 2x8x4 1/2; 2 1/2 LBS. \$1.00

COILS PLUG IN AIR TYPE 5 BANANA PINS. 1 1/2x4 1/2; 1 LB. \$1.95

FOR BC-610 C# FREQ. Mc. 447 8.0-11.0 448 11.0-14. 455 1.0-1.5 FOR T-4/FRC C-14 7.1-9. " " C-2 5.1-7.1

DELCO DUAL BLOWERS 100 CFM 115 VOLT 60 CYCLE .86 AMPS 2 1/2" INTAKE, 2" DISCHARGE SIDE OR FRONT MGT. SIZE 10 1/2x6x7; WT: 15 LB. #62373 PRICE: \$7.95 EA. 2 FOR \$15

BUD COILS TRANSMITTING COIL MOUNTED ON 5 PIN CER AMIC BASE. 3C802 160 M 3C803 80 M 3C804 40 M 3C805 20 METERS PRICE: EACH COIL \$1.00

MEISSNER COIL KIT FOR SIGNAL SHIFTERS PLUG-IN TYPE 3 COIL OSC. PLATE, OSC. GRID & BUFFER, 5 & 6 PRO NG BASE. 3C2500-51 2040-2410 3C2500-52 2395-2835 3C2501-17 7000-7300 3C368 -14 1000-1170 PRICE: KIT (3) COILS \$1.

COMMAND SET COILS 10790 85 KC IF \$2.00 7277 2830 " IF 1.50

OSCILLATOR COILS 5855 1415 KC \$1.00 5856 2830 KC 1.00 5853 239 KC 2.00

465 KC I.F. COILS AS USED IN MARK II No.19 RADIO SET. SLUG TUNED IRON CORE, 1 2 3RD I.F. #PC77366-7 \$1.75 EACH

30 MC IF SLUG TUNED IRON CORE 2x2x2" #279643.8 500CEA

BC 683 LCU 3 COIL R.F. OSCILLATOR TUNING UNIT FOR BC-683 RECEIVER ALSO USED TO CONVERT BC-603 TO BC-683. #BC-683/LCU3 \$2.00

MASTER OSCILLATOR TUNING CAPACITOR FOR COMMAND TRANS. SINGLE ENDED SHAFT AND WORM GEAR DRIVE 32 PLATES STK# 2C6397A/C6 PT#C-63/5032 4x2x2 1/2 \$1.50

BC-221 FREQUENCY METER OSCILLATOR TUNING CAPACITOR 11.5-160 F. PYREX GLASS INSULATORS. DRIVEN THROUGH 360 BY WORM GEAR. WITH DIAL. 3x3x5 1/2 LBS. \$4.95

T-67/ARC-3 C129 POWER AMPLIFIER PLATE TUNING 4-17 MMF, 2500 V .0243 AIR GAP. SHAFT 13/16 x 3 1/2; 1/7/8x2 1/2 \$1.50

BC-624/522 RECEIVER, 3 GANG 6-36 MMF EACH SECTION WITH SLUG TUNED TRIM. SHAFT 5/16 STK#3D9036V SIZE 4 1/2x2x3 1/2; 1 LB. \$1.50

351-1013 3.5 TO 27 MMF, 13 PLAT 1/2 SIZE 1-5/8x1-5/8 1-5/16, SHAFT 1 1/2x3/16. \$1.75

CENTRIFUGAL BLOWER 120 CFM FROM 3400 R.P.M. 115V 60 CYC. CAPACITOR TYPE MOTOR WHICH REQUIRES 4MFD CAP. WT. 9 LBS. SIZE: 9 1/2x5 1/2x6 1/2 USED \$7.95

BUTTERFLY TYPE AS USED IN APR TYPE TUNERS. C-904 106-330 MC 1/2" DIA. 3" DEEP W/ACORN SOCKET #955 TUBE. \$3.95

C-701 BUTTERFLY CAPACITOR 135-485 MC 4 1/2x2 1/2" \$3.95

C-706 BUTTERFLY CAPACITOR 300-1000 MC 2x2 1/2" \$2.95

1-3621 BUTTERFLY CAPACITOR 300-1000 mc 2x2 1/2". \$2.95

RE-EQUIP.#3DK9402-3 \$3.95

BC-924 TRANSMITTER COIL

SLUG TUNED COIL 27 TO 38 MC. WITH ADJUSTING DIAL & TUNING SCALE MOUNTED ON CAST BASE. SIZE 8x1x1 1/2, 1 LB. PRICE: 1.00

TCS VARIABLE CAPACITOR 2 SECTIONS 10-260 MMF 1 SECTION 10-360 MMF, 4" 3 BAND DIAL CALIBRATED 1.5-3 MC 3-6 MC & 6-12 MC. WITH GEAR ASSY & LOCK. SIZE 7x3x3 1/2; WT: 5 lbs. #H-881 PRICE: NEW \$3.95

VARIABLE CAPACITORS 100 WATT SIZE: 4 1/2x2x3 SHAFT 3/8x1/4 WT: 2 LBS. 31 PLATES 1/8 SPA T-7660443-P1 19 TO 116 MMF P-7761569-P4 23 TO 111 " M-7463006-1 22 TO 118 " PRICE: EACH \$1.95

T-7660443-P7 15 TO 81 MMF 7 PLATES, 1/8 SPACING, SIZE 3x2x2, SHAFT 3/8x1/2; 8oz. \$1.00

MANY OTHER VARIABLE CAPACITORS IN STOCK, ALL SIZES. TELL US OF YOUR NEEDS. NOTE

COMMAND RECEIVER VARIABLE 6 TO 9.1 MC. 3 GANG W/TRIM MERS & GEAR ASSY. APPROX. 62. MMF #6558, 4x3x3, WT: 2 LB. 309062 \$1.95

50 MMFD VARIABLE 7 PLATE 1 1/2x2 SHAFT, MGT. BRK. #351-1037 \$1.79

PA TUNING CAPACITOR FOR COMMAND TRANSMITTERS WITH GEAR TRAIN & DOUBLE END SHFT SIZE 4x2x3 STK#2C6397A/C6 PT#C-65/7321 PRICE: \$1.50

VARIABLE CAPACITOR 7 SECTIONS 1/80, 4/100 & 2/200, DRUM DIAL, 1 1/2x1 1/2x3; 5 LBS. #CA-325/BC-223 \$2.95

MINIMUM ORDER \$3.00



GENERATOR (ANGLE TRANSMISSION) ROTOR 2 PHASE 24 VOLT, STATOR 2 PHASE 20.6 VOLT 400 CYCLE. PART #BSC-15-DS-10; SIZE 1 1/2x2 1/2 (CLIFTON) \$2.95
 GENERATOR INDUCTION, 24 VOLT 400 CYCLE EASTERN AIR DEVICES #J2GM07-40 \$2.95
 TRANSMISSION GENERATOR MFG. ARMA, TYPE 03TG-400X1, DWG #93054 \$2.95

AUTOSYN RESOLVERS
 AY22IS-3-B 400 CYCLE, ROTOR 2 PHASE 26 VOLT, STATOR 2 PHASE .11.8 V. BENDIX 1.95
 AY-123D BENDIX SAME SPECS AS ABOVE 1.95
 SERVO CONTROL MOTOR MFG. BY OSTER, 115 V. 400 CYCLE NO LOAD SPEED 5000 RPM. TORQUE 1.45 OZ. IN. \$2.95

RESOLVER MFG. BY CLIFTON PART #BSC-15DS ROTOR 2 PHASE 0.5-16 VOLT, STATOR 0.5-16 VOLT 400 CYCLE. \$2.95
 RESOLVER TRANSMISSION GENERATOR, JOHN OSTER TYPE 15-4042-06, DWG. #C45 \$2.95
 RESOLVER MFG. BY ARMA, TYPE 03X1-400 DWG. #93001. \$2.95
 RESOLVER MFG. BY OSTER TYPE 15-4042-04 \$2.95

AUTOSYN DIFFERENTIAL
 AY-165-A3 400 CYC, 3PHASE 11.8-3PHASE 1-1 RATIO. BENDIX 1.95
 AY-232S-38 BENDIX SAME SPEC. AS ABOVE 1.95
 AY-231S-38-B " " " " " " 1.95

2JIHI SELSYN DIFFERENTIAL GENERATOR NORMALLY OPERATES FROM 57.5/57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 36 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM ON PAGE 31. SIZE: 2 1/2x4 1/2; WT: 8 OZ. PRICE WITH CONNECTOR CAPS..... \$3.95

1-196 SIGNAL GENERATOR 160 TO 220 MC USED TO CHECK LF & HF BANDS OF IFF SETS. DRY BATTERY OPERATION USES ONE 957 ACORN TUBE VARIABLE FREQ. & TONE CONTROL, PILOT LIGHT, ON/OFF SW. ETC. HOUSED IN WOOD CASE WITH CANVAS COVER. SIZE: 8 1/2x8 1/2x14; WT: 10 LBS. REQUIRES 1.5 & 135 VDC. NEW \$2.95

READOUT BOARD, USES 30 110 VOLT NEON BULBS WITH 3/16" DISPLAY EACH ONE NUMBERED. SLIDE TYPE CONNECTORS & 30 RESISTORS MOUNTED ON BOARD 5 X 11 INCHES. WT: 1 LB. PRICE: \$1.95 EA. 3 FOR \$5.00

BC-929 INDICATOR OSCILLOSCOPE USED TO DETERMINE RANGE OF NAVIGATIONAL BEACON EQUIPMENT APN-2. HAS VERTICAL, HORIZONTAL, FOCUS, SWEEP AND INTENSITY CONTROLS. ANTENNA SWEEP MOTORIZED COAXIAL SWITCHING FOR SIGNAL DETERMINATION. WITH TUBES 1/3BP1, 2 6H6, 2/6SN7, 1/665, 1/6X5 AND 1/2X2. POWER REQUIRED 115 VOLT 400 CYCLE & 24 VDC. SIZE: 10x8x22; WT: 40 LBS. PRICE: USED \$12.95 SCHEMATIC \$1.00

AZIMUTH INDICATOR

10-260/GRD AZIMUTH INDICATOR CONTAINS THE PHASEMETER WHICH PROVIDES THE BEARING INDICATION, AS WELL AS A NEON LAMP, 2" C.R. TUBE & SPEAKER. THE NEON LAMP & CR TUBE SHOW WHETHER OR NOT A DF SIGNAL IS PRESENT IN THE SYSTEM. HAS 2BP1 OSCILLOSCOPE SYSTEM WITH CONTROLS ON THE FRONT PANEL, 5" AZIMUTH PHASEMETER SELSYN TYPE INDICATOR & 3" SPEAKER. WITH TUBE 1/6A15, 2/12AU7, 2/6AQ5, 1/12AX7, 2/6AU6, 1/20Z1, 2/5Y3 & 1/0A2. OPERATES FROM 115 V. 50/60 CYC RACK MTG. 19x10x12; WT: 50 LBS. USED \$29.50

RADAR FREQUENCY AMP.

R-9 RADAR FREQUENCY AMP. USED TO INCREASE OUTPUT OF TEST EQUIPMENT IN 2750-2950 MC RANGE. POWER APPROX. 6 WATTS FROM 2C40 TUBE. CONTROLS FOR POWER AND FREQUENCY. COMPLETE WITH TUBES 2C40; 6AV5; 5687; 12AT7; 2X2; 2/0A2; 0B2; 2/5Y3; 6RQ6; SIZE: 10 1/2x17 1/2x20. WT. 43 LBS. PRICE: \$19.95



TS-452 SIGNAL GENERATOR 5-100Mc BY THE USE OF PLUG IN COILS, PROVIDES A CONSTANT SINE-WAVE RADIO FREQ. VOLTAGE 60-100 TIMES PER SECOND.

THE TRAVELING DETECTOR PICKS UP THE SIGNAL TO BE TESTED WHICH IS AMPLIFIED AND APPLIED TO THE PLATES OF THE CR TUBE. THE MOST FREQUENTLY USED CONTROLS FOR THE SIGNAL GENERATOR INCLUDING THE OSCILLATOR, WAVEMETER, VERTICAL AMPLIFIER AND NINE STEP ATTENUATOR ARE ON THE FRONT PANEL, ADDITIONAL CONTROLS ARE PROVIDED THROUGH THE DOOR ON THE TOP OF THE CASE. SIZE: 19x9 1/2x16; WT: 60 LBS.

PRICE: USED SERVICEABLE \$75.00

P OR R ELEVATION COMPUTER ASSY; CONSISTS OF TWO SYNCHRO RESOLVER, KETAY #D-13810-1 0-100V 350 CPS, #D-13350-1 0-10 V. 400 CPS, KOLL-SMAN INDUCTION MOTOR #1515J-0430, WE MAGNETIC AMP. GA-52140, FOUR TUBES IN SEALED CIRCUITRY, 1/8B CONTROLS, TEST JACKS ETC. STK. # 15264 SIZE: 11x7x6; WT: 12 LBS. PRICE: USED \$6.95

SELSYN SYNCHRO TRANSFORMER #78386 TYPE XV, 115 VOLT 60 CYCLE, SIZE 5 1/2x3 1/2, SHAFT 1 1/2x1/2; 5 LBS. UNUSED \$5.95
 SYNCHRONOUS TRANSMITTER TYPE VIII 50 VOLT 50 CYCLE 1 PHASE, SIZE 5 1/2x3 1/2, SHAFT 1 1/2x1/2 WITH ADAPTER. 6 LBS. PART #5578411 PRICE: NEW \$8.95

RECEIVER TORQUE SYNCHRO 23TR4 115/90 VAC 400 CYCLE, TWO UNITS MOUNTED ON FRAME WITH NUMBERED DIALS 0-100 & 0-1000, SYNCHRO SIZE 4x2x2 PRICE USED \$15.00 PR

23TR4 RECEIVER 115/90 V. 400 CYC. USED \$7.95
 23TX4 TRANSMIT 115 V. 400 " " 7.95
 23CT4 CON. TRANS. 115 V. 400 " " 7.95
 23RS4A RESOLVER 90/90 V. 400 " " 7.95
 23CX6 TRANSMIT 115/90 V. 60 CYC. NEW 10.00
 23CX6 " " " " USED 7.00
 23CT6 TRANSFOR 90/1V PER DEG 60CY " 7.00
 23TR6 RECEIVER 115 V. 60 CYC. " 15.00

DAYSTROM TRANSICOIL CONTROL MOTOR 115 VOLT 60 CYCLE, 1 PHASE, 2 PHASE 200 VOLT CT. 3200 RPM. SIZE 2 1/2 x 2, SHAFT SIZE 1/16 x 1/2 WITH GEAR. (REMOVED FROM NEW EQUIP.) PRICE: \$5.00

SYNCHROSCOPE

OS-29/UPM-4A PRECISION SYNCHROSCOPE EMPLOYING A THREE INCH CATHODE RAY TUBE. THE SWEEP OF THE CATHODE RAY TUBE CAN BE TRIGGERED EXTERNALLY OR INTERNALLY AND CAN BE DELAYED WITH EITHER TRIGGER. THE SWEEP DURATION AND, WHEN INTERNALLY TRIGGERED, THE SWEEP FREQUENCY CAN BE CONTROLLED. THE INPUT SENSITIVITY OF THE VIDEO AMPLIFIER CAN BE VARIED IN SIX STEPS FROM 0.2 TO 20 VOLTS PER INCH OF VERTICAL DEFLECTION. THE UNIT CONTAINS HIGH VOLTAGE POWER SUPPLY, BUT REQUIRES THE FOLLOWING VOLTAGES FOR OPERATION 300V, -27V, 425V, 105V. NORMALLY SUPPLIED BY POWER SUPPLY PP-802/UPM-4A, NOT AVAILABLE. SIZE: 22x19x10. WT. 50 LBS. OS-29/UPM-4A ONLY, RENEW. \$39.50

BC-966 RECEIVER-TRANSMITTER 160 TO 211 MC. CODED SIGNAL FOR IFF FRIEND OR FOE IDENTIFICATION IN AIRCRAFT. WITH 13 TUBES 3/6H6, 3/7193, 7/6SH7, RELAYS, VOLTAGE REGULATOR, RESISTORS, CONDENSERS ETC. LESS DYNAMOTOR. SIZE: 12x13x9; WT: 43 LBS. USED \$4.95

AUDIO AMPLIFIER 3 CHANNEL USED WITH WIRE RECORDER BC-1323. HAS 7 OUNCER TRANSFORMERS, 10/9001, MOUNTED ON CHASSIS 10x5x5 w/CONDENSE. RESISTORS ETC. WT: 8 LBS. #1323A RE-MOVED \$4.95

SYNCHRO SELSYNS

SYNCHRO GENERATOR SPERRY PT#R5663642 MFG. BY BENDIX FOR IBM. SIMILAR TO BENDIX OPERATES FROM 26 VOLTS 400 CYCLE SINGLE PHASE WHEN USED IN CONJUNCTION WITH BENDIX # AY-201 SYNCHRO CONTROL TRANSFORMERS IT WILL OPERATE UP TO 20 UNITS. WILL ALSO OPERATE FROM 6 VOLT 60 CYC. WITH A SLIGHT LOSS. SIZE: 2 1/2x2 1/2; SHAFT 1/16x1/2; WT: 12 OZ. PRICE: NEW \$2.95 2 FOR \$5.00

AY-201 SYNCHRO CONTROL TRANSFORMER MFG. BY BENDIX, KETAY, CLIFTON ETC. ROTOR 1 PHASE 26 V 400 CYC. STATOR 3 PHASE 11.8 V. SIZE: 1 1/2x1 1/2, SHAFT 1/16; WT: 3 OZ. PRICE: RE-MOVED FROM EQUIP. \$1.95 EA.

KEARFOOT R-200 SYNCHRO CONTROL TRANSFORMER. ROTOR 26 VOLT 1 PHASE 400 CYCLE, STATOR 11.8 VOLT 3 PHASE. SIZE: 1x1-3/4, SHAFT 1/16 x 1/2; WT: 3 OZ. CONDITION REMOVED FROM EQUIPMENT. PRICE: \$2.95 EACH
 KEARFOOT SYNCHRO RESOLVER R-235, ROTOR 2 PHASE 26 VOLTS, STATOR 2 PHASE 11.8 VOLTS 400 CYCLE. SIZE: 1x1-3/4; SHAFT 1/16x1/2; 3oz. REMOVED FROM EQUIPMENT. PRICE: \$2.95

SELSYN CONTROL TRANSFORMER #2J1G1, 57.5-57.5 V 400 CYCLE (WILL OPERATE FROM 36 V 60 CYC SEE WIRING DIAGRAM NEXT PAGE) SIZE: 2 1/2x4 1/2; WT: 1 LBS. USED PRICE WITH CAPS \$3.95

INDICATOR

ML-117 INDICATOR, WIND DIRECTION AND SPEED. UNLIMITED WIND SPEED RANGE INDICATED BY ONE LIGHT, 0-360 DEG. WIND DIRECTION RANGE INDICATED BY 8 LIGHTS, FLASHING LIGHTS OR BUZZER INDICATORS, INTERRUPTED CURRENT ACTUATED, 110 V 60CY OR 6.8 VDC. (THIS IS ONLY THE INDICATOR, REQUIRES OTHER PARTS FOR OPERATION) FREIZ ITEM #18-1475. SIZE: 9 1/2x4; WT: 24 LBS. PRICE: RE-NEW \$12.95

GENERAL ELECTRIC SELSYN CONTROL TRANSFORMER MODEL NO. 2J15N1 57.5-57.5 VOLTS 400 CYCLE. SIZE: 2x2x2: 1 LB. NEW \$4.95

MD-5B/APS-3 MODULATOR FOR SUPPLYING POWER TO RT-10/APS-3 TRANSMITTER CONVERTER IN PULSED FORM TWO MICROSECOND 350 CYC. ONE MICRO-SEC. 700 CYC. WHICH IS RECEIVED FROM THE RECEIVER-AMPLIFIER OPERATES FROM 115 V. 400 CYCLE. W/TUBES 3/3B24, 1/3B26, 1/829B & R-18/APS-3 RECEIVER-AMPLIFIER USED \$39.50
 PP-12/APS-3 RECTIFIER " 29.50
 C-20/APS-3 AZIMUTH CALIBRATOR " 5.95
 MX-10/APS-3 DUMMY INDICATOR " 3.95

MD-16/TPS-3 MODULATOR, RADAR TYPE P-3E EMISSION, RESONANT CHARGING SYSTEM THRU TYPE E LINE THAT IS DISCHARGED THROUGH SPARK GAP & PULSE TRANSFORMER, 500 OHM INPUT, 8 KV OUTPUT, 200 PULSES PER SEC., 1.2 SEC. DURATION. WITH TUBES 2/705 & 1/1B32-532. OPERATING VOLTAGE 115 V. 400 CYC. SIZE: 12 1/2x14 1/2x11; 125. LB. PRICE: RE-NEW \$16.95

1-82A 5" INDICATOR
 1-81A 3" INDICATOR

1-82A INDICATOR 5" ILLUSTRATED TO LEFT ABOVE 0-360 DEGREE SCALE CONTAINS A MATCHING AUTOSYN MOTOR TO BE USED WITH THE LP-21LM LOOP. OPERATES FROM 26 V 400 CYC. (60 CYC SEE BELDW)
 1-81A INDICATOR 3" ILLUSTRATED TO RIGHT ABOVE 0-36 DEGREE SCALE CONTAINS A MATCHING AUTOSYN THAT WAS USED WITH THE LP-21LM LOOP. OPERATES FROM 26V 400 CYC. (60 CYC. SEE BELOW)
 1-82A INDICATOR 5" USED \$7.95
 1-81A INDICATOR 3" USED \$3.95 RENEW \$4.95
 PL-118 CONNECTOR PLUG FOR INDICATORS 2.50 EA

STARK VTVM TA-1

STARK VACUUM TUBE VOLTMETER MODEL TA-1 MEASURES THE FOLLOWING QUANTITIES. AC AND DC VOLTAGES (PLUS AND MINUS) 3, 12, 30, 120, 300, 1200 VOLTS; CURRENT RANGES 3, 12, 30, 120, 300 1200 MA. RESISTANCE RANGES Rx1, Rx10, Rx100, Rx1K, Rx10K, Rx100K Rx1M. CAPACITANCE Cx100pF, x10 x100uF, x10uF, x1uF. C₂ 100uF C₁ 10uF. 115v 60cyc 7x9x12 18 LBS W/ACAND DC PROBES.



USED \$40.00

STARK MULTIMETER

STARK MODEL RE MULTIMETER 20,000 /V DC. 1000 /V AC. AC & DC VOL AGE RANGES; 2.5, 10, 50, 250, 1000V CURRENT RANGES; 100UA, 1MA, 10MA, 100MA, 500MA, 1AMP, 10AMP. 500OHV RESISTANCE; R-10, R, Rx10, Rx1000 OH SCALE; -18 to 30dB. SWITCH FOR AC, DC, AND DC REVERSE. ZERO SET. 3 1/4 x 4 IN. METER SH. WT. 12 LBS. USED: \$19.95



SIGNAL GENERATOR

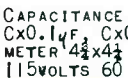
STARK MODEL 10-A RF SIGNAL GENERATOR. OUTPUT IS AUDIO, PURE RF, OR MODULATED RF OVER A RANGE OF AUDIO OR 95KC TO 144 MC. POWER REQUIRED 115V 25-60 CYCLES. SIZE 15x12x6 1/2 30 LBS. USED \$50.00



CRITERION E6300 VTVM MFG. BY CANADIAN RESEARCH INSTITUTE.

RANGES. ACV; 0-3, 12, 30, 120, 300, AND 1200 V.

DCV; 0-3, 12, 30, 120, 300, 1200VDC MA: 0-3, 12, 30, 120, 300, 1200MA OHM; Rx1, Rx10, Rx100, Rx1K, Rx10K, Rx100K.



CAPACITANCE SCALES: Cx100uF, Cx10uF, Cx1uF Cx0.1uF, Cx0.01uF, Cx0.001uF, Cx100pF. METER 4 1/2 x 4 1/2 IN. SIZE: 8 1/2 x 8 x 1 3/8. WT: 18 LBS. 115VOLTS 60 CYC. \$45.00

SIGNAL GENERATOR MODEL #OAV-1 150 TO 250 MC VARIABLE OSCILLATOR USING 9002 TUBE, MULTIBIBRA TOR STAGE USING 6SL7 AS A GENERATOR AND 6AG7 AS A SQUARE WAVE AMPLIFIER, VARIES THE OSCILLATOR THERE MODULATING THE SIGNAL IN STEPS .1-1-10 AND 100 KC. THERE IS ALSO A 15 MC SIGNAL FOR ALIGNMENT PURPOSES. VOLTAGE REQUIRED 115 V 60 CYC. WITH TUBES 1/5Y3, 1/6SL7, 1/9002 & 1/6AG7. SIZE: 20x14x10; WT: 65 LBS. USED TO CHECK RADAR RECEIVER CG-46ACQ PRICE: USED SERVICEABLE \$25.00

CALORIMETER



CALORIMETER D-7604681G1

PORTABLE UNIT DESIGNED TO MEASURE THE RF POWER OF X BAND RADAR. TWO SYSTEMS ARE EMPLOYED, CLOSED CYCLE FLUID FLOW AND ELECTRIC FLUID FLOW IS CIRCULATED BY AN INTERNAL PUMP WHERE THE RF IS CONVERTED TO HEAT ENERGY, THE OUTPUT IS THEN INDICATED ON THE 4" WATT METER. THE RANGE SELECTOR IS FOR LOW RF 0-100 & HIGH RF 100-400 WATTS. OPERATING VOLTAGE 115 V. 50 - 420 CYCLE. SIZE: 20x15x13; WT: 75 LB. USED (FULL SPECIFICATIONS SENT UN REQUEST) \$50.00

TELEPHONE



AN/FTC-14 TERMINAL TELEPHONE XMTG Two (2) CHANNEL 2 WAY VOICE TYPE ORDER WIRE CHANNEL 300-1700 CYCLE FREQ. RANGE, SERVICE CHANNEL 2250-5000 CYCLE FREQ. RANGE. CONSISTS OF MAGNELOOP RECORDER #531, AUDIO AMPLIFIER PANEL, LINA AMP. & EQUALIZ VOLUME INDICATOR PANEL, AMP, SPEAKER HANDSET & HOLDER, POWER SUPPLY, PATCHING JACKS, AMP. & FILTER UNIT ETC. OPERATES FROM 115 V 50/60 CYCLE. CABINET SIZE 84"x22 1/2"x17; TAKES STD. 19" PANEL, FULL DOOR ON BACK, 38" DOOR ON FRONT. SHPG. WT: 250 LBS. PRICE: COMPLETE UNIT AS DESCRIBED \$150.00

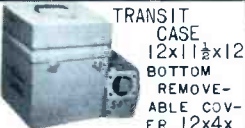
CABINET RACKS



CABINET RACK WITH 220 VAC 60 CYCLE EXHAUST FAN, 7 1/2" H X 22" D X 21 1/2" W FOR 19" PANEL MOUNTING. WT: 150 LB #DTB PRICE: USED \$29.50

CABINET RACK WITH 115 VOLT 60 CYCLE BLOWER, 7 1/2" H X 24" D X 22 1/2" W FOR 19" PANEL MOUNTING. WT: 150 LBS #FGC-29 PRICE: USED W/ BLOWER \$35 " LESS " \$30

DELUXE CABINET RACK, EIGHT (8) DRAWERS 7" HIGH, ONE (1) DRAWER 11-1/8" WITH FULL GLIDE SUSPENSION, DRAWER AND GLIDES CAN BE REMOVED FOR STRAIGHT PANEL MOUNTING, RECESSED PANEL MTG. AND ROUNDED FRONT FOR 19" PANEL MTGS. SIZE: 73" H X 27" D X 24" W. WT: 150 LBS. PRICES: WITH 2 /115 V. DUAL BLOWERS \$52. " " " \$46. " " " \$40.



TRANSIT CASE 12x11 1/2x12 BOTTOM REMOVE-ABLE COVER 12x4x 12, NO HINGES, 4 TWIST TYPE HASPS, ALUMINUM. GE#P-22, WT: 10 LB. \$5.



METAL EQUIPMENT CABINET SIZE 10 1/2" H X 15 DP X 21 LG. TAKES 19x8 1/2" PANEL. SHPG. WT: 28 LB PRICE: USED BLACK \$3.95 " GREY 4.95

STEEL CABINET 20 1/2 x 8 x 9, OPENS AT THE TOP, FRONT PANEL CUT OUT 11x4 ALSO 7/16 HOLE IN FRONT. SIDES LOUVURED, ROUNDED FRONT & TOP. SHPG. WT: 15 LBS. #EECC \$2.95

GRAB BOX

ASSORTMENT OF NEW & USEABLE ELECTRONIC PARTS & ASSEMBLIES SUCH AS MOTORS, TRANSFORMERS, CHOKES, CONDENSERS, RESISTORS, RECTIFIERS, COVERS, CASES ETC.



ASSORTMENT # 1 IS IN A MINE DETECTOR CARRING CASE WITH HINGED COVER, CARRING HANDLE, HASP ETC. SIZE 28 1/2 x 8 1/2 x 15, CHEST WEIGHT 35 LBS. TOTAL WEIGHT 75 LBS. PRICE: \$7.50

ASSORTMENT #2 IS IN A PLWOOD BOX SIZE 24x16x 19 1/2, TOTAL WEIGHT 100 LBS. BOX ONLY 15 LBS. PRICE: \$10.00



MR-160 OPERATORS CONTROL PANEL HAS EIGHT TELEPHONE TYPE LEVER SWITCHES, 6 EA. 1 MAKE 2 BREAK; 2 EA. 2 MAKE/OFF/4 MAKE SIX INDICATOR LIGHTS, THREE CIRCUIT PHONE JACK. STANDARD 19" RACK MOUNTING, 4 1/2" HIGH & 8 1/2" DEEP; WT: 14 LBS. PRICE: USED \$8.95

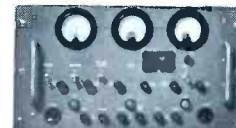


SB-506/GPA-37 PANEL, TEST, ELECTRICAL. WITH TRANSFORMERS 105, 110, 120, 125 VOLT 60 CYCLE PRIMARIES, ONE 6.6 V 10 AMP. SEC & ONE 6.6 V. 2.3 AMP. SEC., 13 LAMP INDICATING FUSE HOLDERS, 6 STANDARD FUSE HOLDERS, 3 DIFFERENT COLOR PILOT LIGHTS 7/8", 34 LARGE PIN JACKS, 10 SMALL PIN JACKS, ONE SPST SWITCH & ONE DPDT SWITCH, 2 VOLUME CONT. 2 DOUBLE AC OUTLETS AND ONE 13 CONTACT CONNECTOR PLUS OTHER CONNECTORS & SOCKETS. SIZE: 22x8x7 1/2; WT: 35 LBS. PRICE: RE-NEW \$9.95



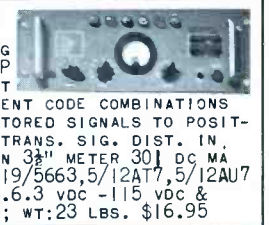
RT-35/AM RADIOSONDE TRANSMITTER - RECEIVER 675 TO 725 MC, USED FOR WEATHER AND RADAR OBSERVATION WITH 4/1L4 & 1/2C35 TUBES. VOLTAGE REQ. 90 VDC & 1 1/2 VDC SIZE: 3 1/2 x 4 1/2 x 10; WT: 5 LBS. PRICE: NEW \$3.95

AN/FGC-29 TELEPHONE TELEGRAPH DUAL RECEIVER SECTION. LINE, EQUIP. & MONITOR JACKS FOR EACH REC. METER SWITCH & TEST JACKS, REC. FILTERS 1955 CPS, 600 & 100,000 OHM, OPERATING VOLTAGE 115/230 V 50/60 CYCLE, WITH TUBES 2/2D21, 4/5B14 & 6/5751. ALSO 4/1N-45 DIODES. RACK PANEL MTG. 19x7x18; WT: 50 LB. U \$22.50

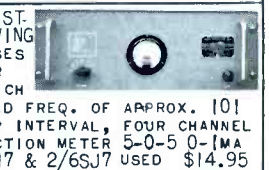


PP-484/FGC-5 VOLTAGE REGULATED POWER SUPPLY OPERATES FROM 115/230 VOLT 50/60 CYCLE 1 PH. OUTPUT -115 VDC 100 MA 225 VDC 550 MA. 4/6.3 VAC 12 AMP. -6.3 V BIA WESTON 301 METERS 3 1/2" 0-10 VAC: 0-200 VDC & 0-500 VDC W/TUBES 2/3B28, 2/2050, 2/12AU7, 6Y6 & 5U4 ALSO 2 AC OUTLETS ON FRONT PANEL. SIZE: 19x11 1/2x20; WT: 150 LBS. \$39.95

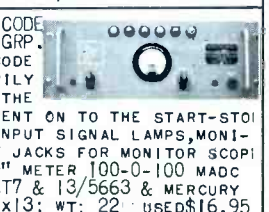
CV-81/FGC-5 TELEGRAPH CODE CONVERTER TRANS. CIRCUITS FOR ACCEPTING & DETECTING START-STOP SIGNALS FROM 1 CIRCUIT STORING THE FIVE ELEMENT CODE COMBINATIONS AND TRANSFERRING THE STORED SIGNALS TO POSITIONS ARE USED BY THE TRANS. SIG. DIST. IN. THE MULTI. CIR. WESTON 3 1/2" METER 301 DC MA 100-0-100, 30 TUBES, 19/5663, 5/12AT7, 5/12AU7 & 1/3B23. VOLTAGE REQ. 6.3 VDC -115 VDC & 225 VDC. SIZE 19x7x13; WT: 23 LBS. \$16.95



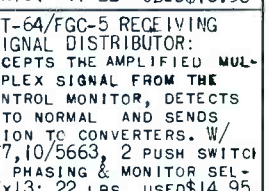
0-100/FGC-5 SIGNAL DISTRIBUTION DRIVE RECEIVING SUPPLIES DRIVING PULSES TO SIGNAL DISTRIBUTOR RECEIVING SECTION WHICH ARE CRYSTAL CONTROLLED FREQ. OF APPROX. 101.25 KC. W/ START-STOP INTERVAL, FOUR CHANNEL SELECTOR & 3 1/2" CORRECTION METER 5-0-5 0-1MA MOVE. W/TUBES 12/12SN7 & 2/6SU7 USED \$14.95



CV-94/FGC-5 TELGRAPH CODE CONVERTER, RECEIVING GRP. ACCEPTS THE SIGNAL CODE COMBINATION, MOMENTARILY STORES AND GENERATES THE PROPER SIGNAL TO BE SENT ON TO THE START-STOP CIRCUIT, INCLUDES 6 INPUT SIGNAL LAMPS, MONITOR SSELECTOR, OUTPUT JACKS FOR MONITOR SCOPI TRIGGER & PRINTER, 3 1/2" METER 100-0-100 MA DC W/TUBES 9/12AU7, 3/12AT7 & 13/5663 & MERCURY RELAY. RACK MTG. 19x7x13; WT: 22 USED \$16.95



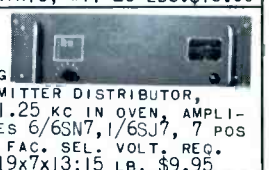
TT-64/FGC-5 RECEIVING SIGNAL DISTRIBUTOR: ACCEPTS THE AMPLIFIED MULTIPLEX SIGNAL FROM THE CONTROL MONITOR, DETECTS THE PATTERN, INVERTS TO NORMAL AND SENDS PROPER CODE COMBINATION TO CONVERTERS. W/ TUBES 12/12AU7, 4/12AT7, 10/5663, 2 PUSH SWITCH FOR IMPULSE & CHANNEL PHASING & MONITOR SELECTOR. RACK MTG. 19x7x13; 22 LBS. USED \$14.95



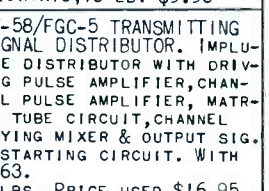
C-620/FGC-5 CONTROL MONITOR TRANS. GROUP AMPLIFIES SIGNALS FROM TRANS. SIG. DIST. COUPLES OUTPUT TO MULTIPLEX TRANS. CIR. NECESSARY CONTROLS, SWITCHES & LIGHTS TO DO THIS ALSO WESTON METERS 301, 3 1/2" 0-100 MA DC AND MULTIPLEX DRIVE FREQ. METER CALB. CYC PER. SEC. 60 & 75 WPM. 0-1 MA. DC. BASIC FS. W/ TUBES 5/6SN7, 2/6V6, VOLTAGE REQ. 6.3 VAC, -115 VDC & 225 VDC. W/SCHEMATIC. SIZE 19x7x13; WT: 23 LBS. \$18.00



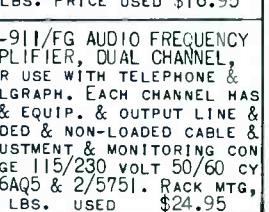
0-101/FGC-5 SIGNAL DISTRIBUTOR DRIVE TRANSMITTER GROUP SUPPLIES TIMED DRIVING IMPULSES TO THE TRANSMITTER DISTRIBUTOR, CRYSTAL OSCILLATOR 101.25 KC IN OVEN, AMPLIFIER CIRCUIT USES TUBES 6/6SN7, 1/6SU7, 7 POSITION SW. FOR FREQ. & FAC. SEL. VOLT. REQ. 6.3 AC. -115 & 225VDC. 19x7x13; 15 LB. \$9.95



TT-58/FGC-5 TRANSMITTING SIGNAL DISTRIBUTOR. IMPLUSE DISTRIBUTOR WITH DRIVING PULSE AMPLIFIER, CHANNEL PULSE AMPLIFIER, MATRIX TUBE CIRCUIT, CHANNEL KEYING MIXER & OUTPUT SIG. AMPLIFIER WITH AUTO. STARTING CIRCUIT. WITH TUBES 19/12AT7, 10/5663. SIZE: 19x7x14 1/2; WT: 18 LBS. PRICE USED \$16.95



AM-911/FG AUDIO FREQUENCY AMPLIFIER, DUAL CHANNEL, FOR USE WITH TELEPHONE & TELGRAPH. EACH CHANNEL HAS JACKS FOR INPUT LINE & EQUIP. & OUTPUT LINE & EQUIP. SWITCH FOR LOADED & NON-LOADED CABLE & EQUAL. WITH LEVEL ADJUSTMENT & MONITORING CONTROL. OPERATING VOLTAGE 115/230 VOLT 50/60 CY WITH TUBES 2/2D21, 2/6AQ5 & 2/5751. RACK MTG, SIZE 19x7x17 1/2; WT: 60 LBS. USED \$24.95



INSULATORS



STAND-OFF
STK#TM-1016S0; DIA. 1 1/2", 4" LONG, 1/2-20 THREAD, 3/8" MTG. 2 LB. PRICE: \$3.50
STK.#3G1300-8002; DIA. 1", 5" LONG, 1/2-20 THREAD, 3/8" DEEP. 1 LB. \$2.50

STK.#3G1300-128; 1 1/2" DIA, 8" LONG, 1/2-20 THREAD, 3/8" DP. 2 1/2" IN. MTG. 1 1/2 LB. \$3.50

STK.#INS.1014; FEED-THRU 4" LONG 1/2" HOLE, 7/8 DIA. WITH NECK. PRICE: 25¢

STK.#3G2001-6; FEED-THRU 6" IN. 1/2" HOLE, 9/16 DIA. NO NECK. PRICE: 35¢

STK.#INS.#1015; FEED-THRU BRASS BOLT 6 1/2" LONG X 1/2" W/NUTS, SPLIT INSULATOR FOR 1/2" THICK MOUNTING WITH CORK WASHERS, OVERALL LGTH 3 1/2 X 2, WT: 2LB. \$2.50

STK.#3G584 IN-84 FEED-THRU CONICAL SHAPE, 5" LG. O/A; 2 CONICAL SHAPED 1-1/8 LG. X 1 1/2 DIA. AT BOTTOM, 1" AT TOP, 1/4" DIA. ROD WITH 1/4 20 THREAD WITH NUTS/WASHERS 1 LB. 25¢ EA. 5 FOR \$1.00

SIMILAR TO ABOVE CONICAL BOTTOM INS. 3/4 X 3/4 X 1 1/2; TOP 1/2 X 1-1/8 X 1 1/2; 3/16 BOLT 3" LG W/NUTS & WASHERS. 1/4 LB. 35¢ EA. 3 FOR \$1.00
STK#IN-1017



3G138-20.11 RIDGED CONICAL 2" BASE, 1/2" TOP, 1 1/2" LONG, PUSH SPRING TYPE BINDING POST ON TOP, WHICH CAN BE REMOVED AND BOLT INSERTED. 1/2 LB. 35¢ 3 FOR \$1.00

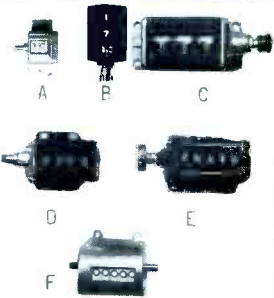
STK.#IN-1018 CONE INSULATOR SIZE 1x2x5/8, 10/32 SCREWS EA. END. 1/2 LB. 35¢ EA. 3 FOR \$1.00

STK.#CBJ61023 ENTERING INSULATOR, CERAMIC 2 1/2 X 2, CADMIUM PLATED MOUNTING RING 3/4" WITH 6 MOUNTING HOLES, GASKET, 4" 1/4-20 THREAD BRASS BOLT WITH NUTS. 1/2 LB. 39¢ EACH 3 FOR \$1.00

STK.#IN-1019 STRAIN INSULATOR SIZE 4x2x2 1/2; 1/2" STRAIN HOLDS OPPOSITE POSITION. WT: 1 LB. 39¢ EACH 3 FOR \$1.00

ART-13 TRANSMITTER ANTENNA INSULATOR PANEL; 1 EA. 3 1/2 X 4 OBLONG WITH 2 ISOATED SPRING TYPE BINDING POST, 08B/1 X 1 CONICAL INS. WITH PUSH POST AND ONE 1/4 X 3/4 INS. W/ PUSH TYPE BINDING POST. 1 LB. COMPLETE ASSY. \$1.00

COUNTERS



A. 3 DIGIT COUNTER. 1/8" SHAFT. EACH NUMERAL 1/8 IN. SIZE: 1 1/2 X 1 1/2 X 1 1/2. STK#CBSH334 \$.75

B. 3 DIGIT COUNTER. FOR VERTICAL MOUNTING. 3/8 IN. GEAR ON SHAFT. EACH NUMERAL 1/8". 1 1/2 X 1 X 1-1/8 STK#CBSH173 \$.79

C. 3 DIGIT COUNTER WITH BEVELED GEAR 2 1/2 X 1 1/2 X 1 1/2. NUMERALS 1/2 X 1/2 IN. STK#CBSH177 \$1.00

D. 10 DIGIT COUNTER W/DIGITS 10THS, ONES, TENS. 100 THS DIGIT REMAINS 0. 1/8 IN. NUMERALS. 2 1/2 X 1 1/2 X 1 1/2 STK#CBSH9030 \$.75

E. 4 DIGIT COUNTER W/MOVE ABLE DIGITS. 10'S, 100'S, 1000'S, 10,000'S. ONES DIGIT REMAINS 0. 1/8" IN. NUMERALS. 2 1/2 X 1 1/2 X 1 1/8 IN. SHAFT. STK#CBSH2867 \$1.25

F. 5 DIGIT COUNTER W/3/16 IN SHAFT EXTENDING 1/2" AT EACH END. 99999-0 DESCENDING ONLY. 1/8" NUMERALS. 1 1/2 X 1 1/2 X 1 1/2 STK#CBSH00000 \$1.00

THREE DIGIT COUNTER, GEAR ON END OF 1" SHAFT. 3 1/2 X 1 1/2 X 1 1/2; 1 LB. #RIX-D \$1.00

THREE DIGIT COUNTER OPEN TYPE, BEVEL GEAR STK.#773 \$.50

4 DIGIT COUNTER 24 VDC. RELAY OPERATED, 0000-9999 7/8 X 1 1/8 X 5 #0508 \$2.95

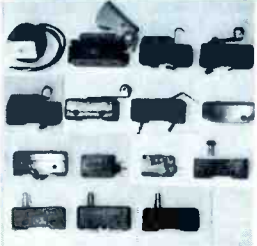


DTU1/A ENGINE OVERTEMPERATURE COUNTER-TIMER. CONTAINS SIX 4 DIGIT COUNTER WITH RESET BUTTON. OPERATES FROM 115 VOLT 400 CYCLE .3 AMP. USED. SIZE: 6" X 2 1/2" X 5"; WT 5 LBS. PART# 1822-04 \$2.95



3G1830-67076 ENTERING INSULATOR, BOWL 4-3/8" HIGH, 6-15/16 AT BASE, 1 1/2" ROD 3/8 BRASS WITH NUTS, MOUNTING RING 3 SEC. 8-3/4" DIA. W/ 6- HALF INCH NUTS & BOLTS 2 1/2" LG., BELL CAP 6" DIA. 10 LBS. \$5 EA. 3 FOR \$12.00

MICRO SWITCHES



SPDT; IEA2, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER. 1 1/2" DIA. 1 3/8" HIGH. .30

DPST; 40B10094, NORMALLY OPEN. LARGE, SPRING-LOADED LEVER PLUNGER. 2 1/2" X 1 1/2" X 1 1/2". .60

SPST; WHBT349A-1, NORMALLY OPEN. LEVER PLUNGER. 2" X 1" X 5/8". .30

SPDT; WHBA31-1, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. ROLLER PLUNGER. 2" X 1" X 5/8". .70

SPDT; WHBA115-1, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. ROLLER PLUNGER. 2" X 1" X 5/8". .70

DPDT; MSW001, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. ROLLER PLUNGER. 1 5/8 X 1 1/2 X 5/8". .70

SPDT; YZ-3RLTC2, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. STRAIGHT LEVER PLUNGER. 2" X 7/8" X 1 1/2". .25

SPST; WZ-RTC2, NORMALLY CLOSED. PIN PLUNGER. 2" X 1/2" X 1/2". .35

SPDT; BZ-3R-A2, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER. 2" X 1" X 1/2". .30

SPDT; 2MD3-1A, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER. 1 5/8 X 1 1/2 X 1/2". .45

SPST; 2MC3-1A, NORMALLY CLOSED. PIN PLUNGER. 1 5/8 X 1 1/2 X 1/2". .45

SPST; SW-186, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2" X 1 1/2" X 5/8". .25

SPST; G-RS, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2" X 1 1/2" X 5/8". .40

SPST; M07-102T, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2" X 1 1/2" X 5/8". .40

SPST; WZ-RS9, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2" X 1 1/2" X 5/8". .40

SWITCH SW-223 DPDT HEAVY DUTY 1" BQ. #2" STAND OFFS. 8x4x3; 5LB #3ZK8223 \$2.50

SWITCH DPDT 1 1/2 X 2-5/8" LEVITON 9919 PORCELAIN \$1.00

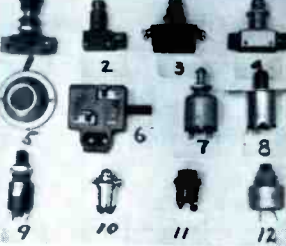
BASE 39¢ 3 FOR \$1.00 DPST PORCELAIN KNIFE SWITCH BY RODALE 123. 2 1/2" X 1 1/2" X 1 1/2". KNSW04 .35

SPST KNIFE SWITCH. BASE 1 1/2" LONG. 1/2" HIGH. BAKELITE. KNSW01 .25

SPDT KNIFE SWITCH. BASE 1 1/2" LONG. 1/2" HIGH. BAKELITE. KNSW02 .35

DPST KNIFE SWITCH. BASE 1 1/2" LONG. 1/2" HIGH. BAKELITE. KNSW03 .35

PUSH SWITCHES



ONESIDE SPST NORMALLY OPEN, THE OTHER SPST CLOSED. 1A/125. PSW001 .35

SPST NORMALLY OPEN; 3A/250. PSW002 .35

DPST NORMALLY OPEN; 3A/250. PSW003 .35

DPST NORMALLY OPEN; 1A/250. PSW004 .35

SPST GOLD-FINISHED DOORBELL NORMALLY OPEN; 1 5/8" DIA. HARDWARE INCLUDED. PSW005 .35

JPST INTERLOCK, NORMALLY OPEN. (3Z9825/254) PSW006 .35

SPST PULL SWITCH, NORMALLY OPEN. PSW007 .35

SPST NORMALLY CLOSED; CASING AS GROUND; 1/2" SCREWS REQUIRED FOR MOUNT. PSW008 .35

SPST NORMALLY OPEN; .75/125 PSW009 .35

SPST NORMALLY OPEN. PUSH-IN MOUNT REQUIRES 5/8" HOLE. PSW011 .25

SPST NORMALLY OPEN. 3NC5-5P PSW012 .25

DPDT PUSH-LEVER SWITCH. PSW013 .50

DPST PUSH-LEVER SWITCH. NORMALLY OPEN. PSW014 .50

DPST NORMALLY OPEN. PSW015 .50

SIX-PUSH SWITCH; DPST NORMALLY OPEN. 4 1/2" X 5 1/2". PSW016 \$1.00

SIX-PUSH SWITCH; FIVE ARE SPST NORMALLY OPEN, THE OTHER DPST AND DPDT ON THE OPPOSITE SIDE. 4 1/2" X 5 1/2". PSW017 \$1.00

PHOTO SWITCH; SPST NORMALLY OPEN. WITH MOUNT. PSW018 .75

SPST NORMALLY CLOSED MICROPHONE SWITCH. COVER AS GROUND, WITH MOUNT. PSW019 .75

SPST NORMALLY OPEN START-STOP DOUBLE SWITCH. #401. PSW020 \$1.00

4PST NORMALLY OPEN SA-26/U MICROPHONE SWITCH. 1 1/2" DIA. PSW021 \$1.00

MONITOR PANEL ASSY. 5 LEVER SWITCHES

EACH SWITCH 2 BREAK, 4 MAKE 1 SIDE, 1 BREAK, 1 MAKE OTHER SIDE, EA. SIDE NE-4 LIGHT ASSY. WIRED TO A 5X5 BLOCK W/35 RESISTORS & THEN TO 2/20 POSITION TERMINAL STRIP. SIZE 2 1/2 X 5 1/4; WT: 5 LBS #6625-649-5053 \$4.95

SWITCHES



AIRCRAFT TYPE SWITCH TWO HOLE MOUNTING FIG. #1

CIR CON RATING NO PR
SPST NEW 5A/125 B-5A .25
SPDT NEW 15/125 B-9-A .35

(ABOVE SW. CENTER-OFF)
SPDT NEW 15/125 3022-7 .35
(ABOVE SW. CENTER-OFF MOM. B.S)

SPDT NEW 15/125 B-1B .30
DPST REM 30/125 C-1 .40
DPDT NEW 20/125 3023-10 .55
DPDT NEW 30/125 C-3 .75

(ABOVE SW. MOM. BOTH SIDES, CENTER-OFF)
DPDT NEW 5A/125 SW5125 .65
(ABOVE SW. CENTER-OFF; HOLE MOUNTING 1/2" DIA.)

3PST NEW 15/125 SW3115 1.25
(ABOVE SW. MOUNTED ON "ON-OFF" PLATE 2" X 2 7/8"; FOUR 1/8" SCREWS REQUIRED)

DPDT REM 15/125 ST52P .50
(ABOVE SW. CENTER-OFF; IRON CASE MOUNT FOR LINEAR OPERATION 2 1/2" X 1 1/2" X 1 1/2")

DPDT NEW 15/125 BARKELEW \$2.50
(ABOVE SW. MEASURES 5" X 6 1/2" X 1 1/2"; FOUR SCREW MOUNTS FOR 1/8" SCREWS)

TOGGLE SWITCHES

TOGGLE SWITCHES SINGLE HOLE MOUNTINGS: CONDITION NEW & "REM" RE-MOVED FROM EQUIPMENT, ALL GUARANTEED.

CIR CON RATING NO PR
SPST REM 6A/125 SW-105 .20
SPDT REM 15/125 ST42G .40

(CENTER-OFF, MOM. BOTH SIDES)
DPST NEW 10/250 8829K4 .50
(ABOVE SW. MOMENTARY)

DPST NEW 3A/125 CH7590 .35
DPST REM 15/125 ST50-K .45
DPST REM 5A/125 8829K1 .35
DPST REM 10/250 CH3545 .40

DPDT REM 3A/125 SW3125 .20
DPDT REM 6A/125 SW6125 .30
DPDT REM 5A/125 ST22R .35
DPDT REM 15/125 ST52P .40

(CENTER OFF)
DPDT REM 15/125 ST52N .35
3PST NEW 15/125 SW3115 1.00
3PDT REM 10/250 ZA0494 1.00
4PST REM 10/125 7661K5 1.00

LEVER SWITCHES



1273 #K-22 #K-1100 RM5746

TELEPHONE TYPE LEVER SWITCH

ONE SIDE: MAKE 1; BREAK 1
OTHER SIDE: MAKE 6
#5930-392-1273 \$.40

MAKE 2, BREAK 2, ONE SIDE ONLY. #K-22 30¢

1 SIDE, 2 MAKE SPST; OTHER SIDE DPDT. SW-155/EE-2. 35¢

6PST. #3Z9580-6.11 75¢
TCK#405 SPST EACH \$102 30¢
TCK#404 GE#P7763503-2 50¢
1 SIDE DPDT NC & DPST NC.

PUSH-TO-TEST



PUSH-TO-TEST INDICATORS. DOUBLE LAMP HOLDERS WITH MINIATURE BAYONET BASE. 2 1/2" x 1 1/2" x 2 1/2". KORRY ST-260 SCREW TERMINALS OR TYPE 260 WITH SOLDER TERMINALS. AVAILABLE WITH THE FOLLOWING INSCRIPTIONS:
 POWER - AIR CONDITIONING-IGNITER - POWER SUPPLIES-ERECTOR - 100% LIQ OXY
 PRICE: \$2.00EA

PUSH-TO-TEST INDICATOR WITH MINIATURE BAYONET SINGLE LAMP HOLDER. 2 1/2" x 1 1/2" x 2 1/2". KORRY ST-136 SCREW TERMINALS OR TYPE 136 WITH SOLDER TERMINALS. AVAILABLE WITH THE FOLLOWING INSCRIPTIONS:

LOW - OVERLOAD - MALF. - POWER ON
 PRICE: \$1.25EA

PUSH-TO-TEST INDICATOR WITH MINIATURE SCREW BASE. PED 7/16" DIA. SMOOTH JEWEL. 0" TO 1/8" SURFACE CLEARANCE. REQUIRES 3/8" HOLE TO MOUNT. 1 5/8" LONG. USED.
 VM-500-2 \$.59EA

PUSH-TO-TEST INDICATOR WITH MINIATURE SCREW BASE. 3/8" DIA. CARAMEL-COLOR COVER. 0" TO 1/8" SURFACE CLEARANCE. REQUIRES 11/16" HOLE TO MOUNT. 1 15/16" LONG. NEW.
 6210-617-0946 \$.59EA

PUSH-TO-TEST INDICATOR WITH MINIATURE BAYONET DOUBLE LAMP HOLDER. 2 5/8" x 1 1/16" x 5/8" WITHOUT LAMP COVER. COVERS NOT AVAILABLE. NEW. KORRY TYPE 261 WITH SOLDER TERMINALS

PRICE: \$1.00EA
 INDICATOR LIGHT WITH MINIATURE BAYONET DOUBLE LAMP HOLDER. 2 1/2" x 1 1/2" x 2 1/2". INSCRIBED WITH "CHECK FULL RPM" OR A BLANK. NEW. KORRY TYPE 204 SOLDER TERMINALS.
 PRICE: \$.75



BULLS EYE PILOT LIGHTS

DULL FINISHED BRASS, BAYONET BASE, AND 0" TO 1/8" SURFACE CLEARANCE. ALL USED. LESS BULBS. PRICE: \$.39EA
 A. Z26125-22 RED-RIBBED 1" JEWEL. CANDELABRA, DOUBLE CONTACT BASE. 2 3/8" x 1 1/2"
 B. PIL001. 7/16" CLEAR JEWEL. SINGLE CONTACT MINIATURE BASE. 2 1/8" x 7/8".
 C. LH50BR4. 1 1/16" DIA. RED JEWEL. SINGLE CONTACT MINIATURE BASE. 2 1/8" x 7/8".
 D. LH62BY2. 3/8" DIA. AMBER JEWEL. SINGLE CONTACT MINIATURE BASE. 2 1/4" x 1".



PILOT LIGHT JEWELS

FACETED, GREEN SLIP-IN JEWEL. THE JEWEL IS 5/8" IN DIAMETER AND REQUIRES A 5/8" HOLE IN WHICH TO BE INSERTED.
 SERIES E \$.15 EA

SMOOTH RED JEWEL 3/8" IN DIAMETER. SCREWS INTO A 3/8" ASSEMBLY.
 SERIES F \$.15 EA

LARGE 5/8" FACETED AMBER JEWEL. SLIPS OVER BRACKET 7/8" IN DIAMETER. HAS ALSO MOUNTING HOLES FOR 3/32" SCREWS.
 225368/1 \$.15 EA

3/8" DIA. WHITE SLIP-IN LAMP CAPS FOR SWITCHBOARDS. (NOT PICTURED) SLIPS INTO 3/8" HOLE.
 4C1971 \$.15 EA 100/\$10

SUB-MINIATURE PILOT ASSEMBLY. 5/16" AMBER FACETED JEWEL FIT INTO BRACKET WITH AN OPENING OF 5/16". REQUIRES DOUBLE TERMINAL PLUG-IN OR SOLDER-IN NEON LAMPS. 1" LONG AND 1" HIGH.
 PIL010 \$.15 EA 8/\$1.00



SUB-MINIATURE NEON PILOT LIGHT ASSEMBLY. FLUTED 5/16" DIA. CLEAR JEWEL. BASE IS FEMALE PART FOR A THREE PRONG PLUG WITH 1/16" DIA. HOLES IN ISOSCELES TRIANGLE PATTERN. MOUNTS IN 3/8" HOLE. 0" TO 3/8" SURFACE CLEARANCE. 1 3/8" LONG. INCLUDES BULB. USED. 110V.
 PIL007 \$.25 5/\$1.00

SINGLE TERMINAL AND CONTACT SUB-MINIATURE DIMMER PILOT LIGHT. MECHANICAL DIMMER VARIES SIZE TO COMPLETE DARKNESS. REQUIRES T-1 1/2 BULB. 5/16" DIA. SMOOTH RED JEWEL. MOUNTS IN 7/16" HOLE. 1 3/8" LONG. LESS BULB. NEW.
 6210-643-4087 \$.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. CLEAR STOVEPIPE, SMOOTH 5/8" DIA. JEWEL. MOUNTS IN 11/16" HOLE. SURFACE CLEARANCE IS 0" TO 3/8 2 1/8" LONG. LESS BULB. USED.
 PIL008 \$.39

ALL PLASTIC PILOT LIGHT. SINGLE CONTACT, MINIATURE SCREW TYPE BASE. RED FLUTED, COVER-LIKE JEWEL 3/8" IN DIAMETER. NEEDS 3/8" HOLE. SURFACE CLEARANCE OF 0" TO 3/8". THERE IS NO ADJUSTING INSTALLATION DEPTH BY A NUT TWO 3/32" SCREWS ARE NEEDED TO ANCHOR LIGHT. 1 1/2" LONG. LESS BULB. USED.
 PIL009 \$.39



PILOT LIGHT WITH SINGLE CONTACT, CANDELABRA SCREW BASE. LARGE 1" DIA. RED JEWEL FACETED ONLY AT THE EDGE. REQUIRES 1" HOLE AND HAS SURFACE CLEARANCE OF 0" TO 1/8". 2 3/8" LONG. LESS BULB. UNUSED.
 PIL002 \$.59

PILOT LIGHT WITH SINGLE CONTACT, CANDELABRA SCREW TYPE BASE. 1" DIA. RED-FACETED JEWEL. MOUNTS IN 1" HOLE WITH SURFACE CLEARANCE OF 0" TO 1/8". 2 3/8" LONG. LESS BULB. UNUSED.
 PIL003 \$.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. 3/8" DIA. SMOOTH, GREEN JEWEL. MOUNTS IN 5/8" HOLE WITH A SURFACE CLEARANCE OF 0" TO 1/8". 2 1/16" LONG. LESS BULB, UNUSED.
 PIL004 \$.49

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE SCREW BASE. 3/8" FACETED, RED JEWEL. REQUIRES 11/16" HOLE WITH A SURFACE CLEARANCE OF 0" TO 1/8". 1 5/8" LONG. LESS BULB, UNUSED.
 PIL005 \$.20

PILOT LIGHT WITH SINGLE CONTACT, CANDELABRA BAYONET BASE. 3/8" DIA. SMOOTH, RED JEWEL. MOUNTS IN 5/8" HOLE AND SURFACE CLEARANCE OF 0" TO 1/8". 2 3/16" LONG. LESS BULB, UNUSED. (NOT PICTURED)
 PIL006 \$.49



FLUTED KNOBS

3" FLUTED KNOB WITH SKIRT AND 4" CALIBRATED DIAL (REMOVABLE) 0.5-7.0, 150 DEGREE BRASS INSERT FOR 3/4" IN SHAFT.
 KNBN001 EA \$.55, 2FOR \$1.00

1 1/2" DIA. FLUTED KNOB WITH REMOVABLE 3" DIAL WITH MARKING 34L-0-34R. BRASS INSERT FOR 3/16" DIA. SHAFT.
 KNBN002 \$.25

1" DIA. FLUTED KNOB WITH 2 1/2" NON-LINEAR CALIBRATED DIAL. BRASS INSERT WITH 1/2" DIA. HOLE.
 KNBN003 \$.25

1 1/2" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR 1/2" SHAFT.
 KNBN004 EA \$.25, 5/\$1.00

1 1/2" DIA. FLUTED KNOB WITH SKIRT AND POINTER. BRASS INSERT FOR 1/2" SHAFT.
 KNBN005 \$.25

1 1/2" FLUTED KNOB WITH BRASS INSERT FOR 1/2" SHAFT.
 KNBN006 \$.25

1" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR 1/2" SHAFT.
 KNBN007 \$.25

1" DIA. FLUTED KNOB WITH BRASS INSERT FOR 1/2" SHAFT.
 KNBN008 \$.25

ALL THE ABOVE KNOBS ARE OF SET SCREW TYPE.

SPIN KNOBS

2" DIA. METAL FLUTED SPIN KNOB FOR 5/32" SHAFT.
 KNBN009 \$.79

1 1/2" DIA. FLUTED SPIN KNOB WITH CALIBRATED 2 1/2" DIAL, 0-100 IN 360. METAL INSERT FOR 3/8" SHAFT.
 KNBN010 \$.59

METAL SPIN KNOB 1 5/8" DIA. TO BE ATTACHED TO ANOTHER KNOB OR DISK BY THREE SCREW. CONVERTS KNOB TO SPIN KNOB.
 KNBN011 \$.20

MINIATURE KNOBS

PLASTIC PUSH-ON TYPE KNOB 3/8" DIA. x 3/8" HIGH. FITS 1/8" SHAFT, WITH MODIFICATION.
 KNBN029 4/\$.25

METAL KNOB 5/8" DIA. x 3/8" HIGH FITS 1/8" SHAFT. TWO SET SCREWS.
 KNBN030 4/\$.15

BAKELITE KNOB WITH POINTER 5/8" DIA. x 3/8" THICK. FOR 1/8" SHAFT. SET SCREW.
 KNBN031 2/\$.25

5/8" DIA. BAKELITE KNOB 3/8" THICK FOR 1/8" SHAFT. SET SCREW TYPE.
 KNBN032 2/\$.25



BAR TYPE KNOBS

BAR TYPE BAKELITE KNOB FOR 1/2" SHAFT. 1 1/2" x 3/8" x 5/8". SET SCREW TYPE.
 KNBN012 \$.25

BAR TYPE BAKELITE KNOB FOR 1/2" SHAFT WHICH MUST BE TAPED FOR SET SCREW. 1 1/2" x 3/8" x 5/8".
 KNBN013 \$.25

RECTANGULAR BAR TYPE BAKELITE KNOB 1 1/2" x 3/8" x 5/8". WITH BRASS INSERT FOR 1/2" SHAFT. SET SCREW TYPE.
 KNBN014 \$.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR 1/2" SHAFT TAPED FOR SET SCREW. 2" x 1/2" x 1".
 KNBN015 2/\$.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR 1/8" SHAFT TAPED FOR SET SCREW. 1 1/2" x 5/8" x 1 1/2".
 KNBN016 \$.25

BAKELITE BAR TYPE KNOB 1" x 1 1/2" x 3/8" ON 1 1/2" REMOVABLE DIAL FOR 1/2" SHAFT. SET SCREW.
 KNBN017 \$.25

1 1/2" DIA. METAL KNOB FOR 3/8" SHAFT WITH TWO SET SCREWS. FINGER GRIP KNOB FOR HEAVY SWITCHING APPLICATIONS.
 KNBN018 2/\$.35

1 1/2" DIA. PLASTIC KNOB WITH BRASS INSERT. BAR TYPE FINGER GRIP FOR SWITCHING. USE WITH 1/2" SHAFT.
 KNBN019 \$.25

1 1/2" BAKELITE KNOB FOR USE WITH 1/2" SHAFT. USED FOR APPLICATIONS WHERE EXTRA GRIP IS REQUIRED. 1 1/2" HIGH.
 KNBN020 \$.25EA. 5/\$1.00

1 1/2" BAKELITE KNOB W/BRASS INSERT FOR 5/16" SHAFT. RIBBED EDGES FOR BETTER GRIP.
 KNBN021 \$.15

BAKELITE INSTRUMENT KNOB 1" DIA. 1" HIGH. BRASS INSERT FOR 1/8" SHAFT AND SET SCREW.
 KNBN022 \$.25

1 1/2" KNOB MARKED "INCREASED OUTPUT". 1 1/2" HOLE WITH SET SCREW. 3/8" THICK. METAL.
 KNBN023 \$.25

1 1/2" PUSH-ON KNOB FOR 1/8" SHAFT, WITH MODIFICATION, BROWN
 KNBN024 2/\$.25

BROWN BAKELITE 1" DIA. KNOB KNULED SHAFT OF 1/8". 3/8" HIGH.
 KNBN025 2/\$.25

BAKELITE POINTER KNOB WITH BRASS INSERT FOR 1/8" SHAFT. 1 1/2" x 1" x 1".
 KNBN026 \$.25

FLUTED KNOB W/POINTER AND SKIRT FITS 1/8" SHAFT. 1 1/8" DIA. 1/8" THICK.
 KNBN027 \$.25

1 1/2" DIA. KNOTCHED KNOB WITH BRASS INSERT FITS 1/8" SHAFT. SET SCREW TYPE. 3/8" HIGH.
 KNBN028 3/\$.25

MINIATURE LAMPS

STK#	TYPE	V.	A.	BASE	BULB	EA.	PKG. 10
2Z5950	LM-50	2	.25	min sc	G-6	.20	.75
2Z5950	511	2	.25	min sc	G-6	.20	.75
6240-155	46	6-8	.25	min sc	T-3 1/2	.15	.65
-7955	48	2	.05	min sc	T-3 1/2	.20	.75
	PC-90615C	12 volt	min sc	G-3 1/2		.15	.75
2Z5878	LM-17	2.5 volt	min sc	G-3 1/2		.20	.75
6240-155	43	2.5	.5	min bay	T-3 1/2	.20	.75
-7919	313R	28	.17	min bay	T-3 1/2	.25	1.25
6240-155	-7866	356	28	.17	min bay	T-3 1/2	.20
6240-153	-6509	1826	18	.15	min bay	T-3 1/2	.25
2Z5888-5	NE-51	115	.04	min bay	T-3 1/2	.20	1.00
2Z5927	LM-27	6-8	.25	min bay	T-3 1/2	.20	.75
2Z5889-15	NE-47	115v.		cand bay	T-4 1/2	.50	4.00
2Z5889-11	NE-26	115v.		cand bay	G-6	.35	3.00
626812-5	LM-44	6-8v.		dc bay	G-6	.20	.75
2Z5889-3	NE-48	115	.25	dc bay	T-4 1/2	.50	4.00
6240-408	-3394	3S6/5	115v.	dc bay	T-4 1/2	.25	1.75
2Z5879-3	6S6	30	.2	cand sc	S-6	.20	1.25
6240-155	502	5	.15	#4F cell	min sc	.20	.75
-7786	PR-2	2.38	.5	min bay		.20	.75
2Z5938	PR-10	6	.5	#5D cell	min bay	.20	.75
	NE-15			min bay		.25	2.00
6240-155	NE-20			min bay		.25	2.00
-7837	24E 24	.032-.038amp.		slide base		.50	3.50
	NE-2	1/17 amp	2F	slide base		.10	.75
	4C5491-K1			K1 slide base		.10	.75

STROBOTAC



STROBOTAC GENERAL NO. 631B
A PORTABLE GENERAL PURPOSE
UNIT USED TO MEASURE THE SPEED
OF ROTATING RECIPROCATING OR
VIBRATING MECHANISM BY PERMIT-
TING THEM TO BE VIEWED INTERMIT-
TENTLY UNDER A FLASHING LIGHT
AT APPROX. THE SAME REVOLUTION
PER-MINUTE WHICH PRODUCES THE
OPTICAL EFFECT OF A SLOWING DOWN OR STOPPING
MOTION. CALIBRATED TO READ SPEED DIRECTLY IN
REVOLUTIONS PER MINUTE, 600-14,400 RPM UP TO
100,000 RPM WITH MULTIPLES.
OPERATES FROM 115 VOLT 60 CYCLE.
SIZE: 8x7x9; WT: 14 LBS. USED SERVICEABLE \$75

POWER METER

TS-125/UP POWER METER
PORTABLE GENERAL PUR-
POSE, BATTERY OPERATED
INSTRUMENT USED TO MEAS-
URE RADIO FREQUENCY
POWER IN THE 2400 TO
3335 MEGACYCLE RANGE,
CONTINUOUS WAVE OR PULSE.
TWO SCALES ONE IN MILLIWATTS, OTHER IN DECIBELS
ABOVE AND BELOW ONE MILLIWATT.
POWER RANGE 0-2/4 MILLIWATTS W/ ATTENUATORS
ABOVE WITH PICK-UP ANT. BATT. REQ. 4.5VDC.
SIZE: 10x8x5; WT: 14 LBS. USED \$39.50



OSCILLATOR

TS-508/UP TEST OSCILLATOR; PORTABLE
UNIT THAT OPERATES FROM 3 V
DC, 3000 TO 11,000 MEGACYCLES PER
SEC. A BUZZER PRODUCES DAMPED OSCIL-
LLATIONS IN A TUNEABLE CONCENTRI-
LINE REASONATOR WHICH A HIGH Q
REASONANT CIRCUIT. THE REASONATOR
SELECTS THE RF COMPONENTS OF THE
BUZZER OUTPUT. AM MODULATION IM-
2M PULSES PER. SEC. 0-100 DB.
50 OHMS OUTPUT IMP.
SIZE: 6x6x6; WT: 15 LBS. USED \$35.00



ANALYZER

ANALYZER SELSYN ZEROING MODEL "B"
USED WITH GENERAL ELECTRIC 2J
SERIES UNITS. FOUR INCH METER
WITH AC SCALES OF 0/3/30/300/600
VOLT 400 CYCLE, DC SCALE 0/50/500
VOLTS D.C. RESISTANCE SCALE 0/1000
10,000/1 MEG. OHMS. ELEVEN POSIT-
ION METERING SWITCH AND 4 TERMINALS
FOR TEST LEADS. PORTABLE CASE.
SIZE: 8x13x5; WT: 10 LBS.
PRICE: WITH TEST LEADS & CAPS FOR
SELSYNS \$15.00 LESS THESE ITEMS \$10.00



LORAN TEST SET

TS-251/UP LORAN TEST SET
PORTABLE SIGNAL GENERAT-
OR USED IN PRE-FLIGHT
AND SHIPBOARD CHECKING
OF LONG RANGE LORAN REC-
EIVERS.
FREQUENCY COVERAGE 1700
TO 2010 KC. PULSE SIGNAL
POWER REQUIRED, 80/115/230
VOLT 50-1600 CYCLE 22 WATT
WITH TUBES 6J5, 6SJ7, 6SK7, 6SL7, 6SN7 & 6X5.
SIZE: 7x11x10; WT: 30 LBS. USED \$49.95



MULTIMETER

TS-352 MULTIMETER; PORTABLE GENER-
AL PURPOSE UNIT WITH A 4" 50 MICR
AMP METER. FREQUENCY RANGE 25 TO
5000 CYCLES PS. USEFULL TO 20M.
ACV RANGE: 0-2.5/10/50/250/500/1000
DCV " SAME AS ABOVE ALSO
5000 V USING INTERNAL MULTIPLI
DC RANGE: 0-.25/2.5/10/50/100/500/
2500/10000 MILLIAMPS.
RESISTANCE RANGE: 0-1000/10M/100M/
1000M/10000M OHMS.
SENSITIVITY 1000 OHMS PER VOLT FOR AC RANGES
1000 OR 20,000 " " DC
SIZE: 15x11x10; WT: 23 LBS. PRICE: USED \$39.95



MEGGER



MEGGER INSULATION TESTER
CONSTANT 500 VOLT PRESSURE
HIGH RANGE OHMMETER HAVING
A BUILT-IN, HANDDRIVEN GEN-
ERATOR AS A DIRECT-VOLTAGE
SOURCE, USED TO MEASURE
INSULATION AND OTHER HIGH
RESISTANCE VALUES. ALSO
USED FOR CONTINUITY, GROUND
AND SHORT CIRCUIT TESTING IN ELECTRICAL
POWER WORK. MFG. EVERSHED & VIGNOLES SERIES
2 100,000 OHM RANGE.
SIZE: 9x6x5; WT: 7 LBS. PRICE: USED \$75.00

VOLTMETER



THERMO-COUPLE VOLTMETER SENSIT-
IVE RESEARCH INSTRUMENT MODEL A
D'ARSONVAL DESIGN, ACCURACY .5
OF 1% (IN PERCENTAGE OF FULL
SCALE) TEMPERATURE COMPENSATED.
FREQUENCY RANGE 7 TO 5000 CYCLE
IMPEDANCE 500 OHMS PER VOLT ALL
FREQUENCIES, FULL SCALE CURRENT 2 MILLIAMPS.
METER SCALE 0-7.5/30/75/150, LARGE 6" MIRROR
SCALE METER IN WOOD CASE.
SIZE: 7x7x5; WT: 10 LBS. PRICE: USED, \$75.00

GENERAL RADIO VTVM



GENERAL RADIO VACUUM TUBE VOLT
METER MODEL 726A.
WIDE RANGE A.C VTVM HIGH IMPED-
ANCE AND STABILITY FOR USE IN
AUDIO AND R.F. WORK, 20 CPS. TO
50 MC. 2% ACCURACY OVER THE
ENTIRE RANGE.
A.C. VOLTAGE RANGE .1 TO 150
IN FIVE BANDS WITH SPECIAL
TEST PROBE.
VOLTAGE REQUIRED 110-130 60CY
SLANTED FRONT FOR EASY VIEWING.
SIZE: 9x11x4x8; WT: 45 LBS.
PRICE: USED CHECKED \$49.50

CALIBRATOR



CRYSTAL CALIBRATOR MODEL 111-B
MEASUREMENTS CORP. DUAL PURPOSE
UNIT PROVIDING A CRYSTAL CONTROL-
LED FREQUENCY TEST SIGNAL ALSO
A SELF-CONTAINED RECEIVER WITH
A SENSITIVITY OF 2 MICROWATTS.
FREQ. RANGE .1 TO 1000 MEGACYC-
LES, MODULATION 1000 CPS. INTERNAL FREQ.
ACCURACY .002%, OPERATES FROM 115/230V 50/60CY
SIZE: 6x9x5; WT: 7 LBS. PRICE: USED. \$65.00

RELAY TEST SET



I-181 RELAY TEST SET, WESTERN
ELECTRIC D-162269, A PORTABLE
CURRENT FLOW TYPE RELAY ADJUST-
ING SET WHOSE PRIMARY FUNCTION
IS TO MEASURE AND CONTROL CUR-
RENT FLOW THROUGH THE WINDINGS
OF A RELAY OR SIMILAR ELECTROMAGNETIC UNIT.
CAN ALSO BE USED A DC MILLIAMETER WITH RANGE
OF 15, 75 & 150 MA ON 3/4" METER. CONTROLS FOR
VARYING THE CURR. & TERMINALS FOR WIRING THE
RELAY UNDER TEST. REQUIRES 22 1/2 & 45 VOLTS
SIZE: 6x9x5; WT: 10 LBS. \$8.95

SUMMATION BRIDGE



AN/URM-23 SUMMATION BRIDGE
PORTABLE GENERAL PURPOSE
WATTMETER USED TO MEASURE
R.F. OUTPUT IN THE 1000 TO
4000 MC RANGE. EMPLOYS A
DIRECT READING CIRCUIT IN
WHICH A BOLOMETER ACTS AS
ONE ARM OF A DC WHEATSTONE
BRIDGE AT THE SAME TIME
PROVIDING THE CORRECT RES-
ISTIVITY TERMINATION FOR THE RF POWER ENTER-
ING THE WATTMETER. POWER INPUT RANGE 5 MW TO
5 WATTS. INPUT IMPEDANCE 50 OHMS. POWER SUPPLY
115 VOLTS 50-1600 CYCLE.
COMPLETE WITH BOLOMETER, 5 ATTENUATORS, CABLE
CARRYING CASE ETC. SUMMATION BRIDGE TS-730 AND
POWER MEASURING ATTENUATOR KIT MX-1309.
TOTAL WEIGHT 60 LBS. PRICE: USED \$65.00

MEASUREMENTS



MEASUREMENTS SIGNAL GENERATOR
MODEL 80 2 TO 400 MC
MODEL 80C 5 TO 425 MC
SIX BANDS .5% ACCURATE, CONT-
INUOUSLY VARIABLE FROM .1 TO
100,000 MICROVOLTS; 50 OHM
OUTPUT IMPEDANCE, SINE-WAVE
MODULATION CONTINUOUSLY VARI-
MODULATION CONTINUOUSLY VARIABLE 0-30% AND IS
DIRECTLY INDICATED ON THE PERCENT MODULATION
METER, CHOICE OF 400 OR 1000 CYCLES FROM A IN-
TERNAL RC TYPE OSCILLATOR; ALSO JACK FOR EXTER-
NAL MODULATION.
POWER REQUIRED 117 VOLT 50/60 CYCLE.
SIZE: 10x19x19; WT: 53 LBS. USED, SERVICEABLE.
PRICES: MODEL 80 \$150.00 MODEL 80C \$195.00
UNITS CHECKED FOR OPERATION \$25. EXTRA

PULSE GENERATOR



PULSE GENERATOR MODEL 79B
GENERATES VOLTAGE PULSES
OF VARIABLE WIDTH FOR USE
WITH ASSOCIATED EQUIPMENT.
FREQ. RANGE: 60-100,000
PULSES PER. SEC., PULSE
WIDTH CONT. VARIABLE .5 TO
40 MICROSECONDS. OUTPUT
VOLTAGE 150 POS. OUTPUT IMP. 1000 OHM LOAD.
SYNCHRONIZING INPUT AND OUTPUT, R.F. OUTPUT TO
50 MC. MODULATION. POWER REQ. 117 VOLT 50/60CY
SIZE: 10x13x10; WT: 35 LBS. USED \$60.00

SIGNAL GENERATOR



TS-35/AP SIGNAL GENERATOR
USED FOR THE TESTING AND
GENERAL MAINTENANCE OF RADAR
EQUIP. PRODUCES SIGNALS, CW
OR PULSED AND INTERNALLY OR
EXTERNALLY SYNCHRONIZED, OF
KNOWN FREQUENCY AND POWER. USED TO MEASURE THE
FREQUENCY AND AVERAGE POWER OF RADAR TRANSMIT
SIGNALS, AND TO PRODUCE FM SIGNALS FOR DETECTI-
ON OF DEFECTS IN RADAR EQUIP. WILL MEASURE
SIGNAL TO NOISE RATION TRANSMIT RECEIVE RECOVER
ERY TIME, FREQUENCY PULLING, AFC OPERATION AND
AND BANDWIDTH. FREQUENCY RANGE 8700-9500 MC
POWER SUPPLY 115V±10% 50-1200 CYC. SIZE: 9x9x
14, WT: 35 LBS. PRICE: USED \$39.95
AT-39/AP HORN ANTENNA FOR ABOVE, AN TYPE
CHOKE COUPLING. 1/2x5/8 WAVEGUIDE \$9.95

LM FREQUENCY METER

LM NAVY TYPE FREQUENCY METER

125 - 20,000 KC CRYSTAL CAL-
IBRATED INDICATING EQUIPMENT,
HETERODYNE TYPE, ACCURACY .01
TO .02 DEPENDING ON FREQ. WITH
MODULATION 500 CYCLE. VOLTAGE
REQUIRED 12/24 FOR FIL. AND
180 @ 5 ma/475 VDC @ 20 MA.
WITH 1000 KC CRYSTAL & TUBES.
ALSO CALIBRATION BOOK. UNITS HAVE BEEN USED
AND MAY NEED REPLACEMENT OF SOME SWITCHES OR
MINOR PART OTHERWISE GUARANTEED SERVICEABLE.
SIZE: 7x7x8; WT: 15 LBS.
PRICE: (AS DESCRIBED ABOVE) \$24.95
WITH ALL PARTS 29.50
" " & CHECKED 39.50



ANALYZER



SYSTEM ANALYZER PEAK PRESSURE
GAUGE: DENISON MODEL 100 DESIG-
NED FOR A TRANSDUCER WITH A UNI-
FORM FREQ RESPONSE TO 20 KC.
EXCITATION IS SUPPLIED FROM DC
SUPPLY CONTAINED IN THE UNIT.
THE 2 RANGE METER READS DIRECTLY
IN LBS. PER. SQ. INCH. PROVISION
FOR CONNECTING RECORDER ARE PRO-
VIDED. THE UNIT INCORPORATES A
D.C. AMPLIFIER WITH BALANCED INPUT & CATHODE
FOLLOWER OUTPUT ALONG WITH A VACUUM TUBE VOLT
METER CIRCUIT. WITH TUBES 1/12AX7, 2/6AU8A, 1/
12AT7, 1/5Y3, 2/6AW8A & 2/6BQ7A. POWER REQUIRED
115 V. 60 CYC. USED WITH TRANS. HDD WHICH IS
NOT AVAILABLE AND NOT SUPPLIED.
SIZE: 9x6x10; WT: 21 LBS. PRICE: NEW \$39.95

AUTOMOTIVE

STARTER - REGULATOR

VOLTMETER-AMMETER FOR TESTING BATTERY STARTER AND REGULATOR MODEL# 307-A

VOLTMETER HAS 3 SCALES 0-9, 0-18 AND 0-45 VOLTS D.C.

SPECIAL SELECTOR SWITCH FOR MAKING RESISTANCE TESTS USING THE 9/10 SC. AMMETER SCALE MINUS 10-0-100 AMPERE THROUGH A BUILT-IN SHUNT CONNECTED IN THE TEST LEADS.

LOAD SWITCH IS USED TO CONNECT THE LOAD IN OR OUT OF THE CIRCUIT.

LOAD CONTROL CONSISTS OF VARIABLE PILE PLATES WHICH BY COMPRESSION PUTS A LOAD ON THE OUTPUT OF THE GENERATOR-STARTER CIRCUIT.

A FIELD RHEOSTAT IS USED TO CONTROL THE GENERATOR FIELD CIRCUIT FOR CERTAIN TYPE UNITS. TWO LARGE 4 1/2" METERS WITH 2% ACCURACY, 500 MICROAMP. MOVEMENTS, CHROME AND SATIN FINISH.



WITH TEST LEADS AND INSTRUCTIONS. SIZE: 13x5x5; WT: 13 LBS. PRICE: \$39.50

COIL - CONDENSER TESTER

COMBINATION COIL AND CONDENSER TESTER WITH OHMMETER MODEL#332.

DESIGNED TO MAKE COMPLETE ANALYSIS OF COILS AND CONDENSERS IN AUTOMOBILE ENGINES USING FACTORY STANDARDS AND TEST METHODS.

PRECISION VIBRATOR APPLIES THE NORMAL CURRENT TO THE COIL AT THE PROPER DWELL. ANY BREAKDOWN OF THE OF THE INSULATION IS SHOWN ON THE METER BY IRRREGULAR OR LOW READING AN ELECTRONIC CIRCUIT CHECKS CONDENSERS FOR ACTUAL CAPACITY, LEAKAGE SERIES RESISTANCE. THE LAST TWO

TESTS WILL INDICATE CONDENSERS THAT WILL NEED REPLACING.

A 100,000 OHMMETER RANGE IS ALSO PROVIDED ON THE 4 1/2" CHROME AND SATIN FINISHED METER THAT HAS A LABORATORY ACCURACY OF WITHIN 2%. UNIT OPERATES FROM 6/12 VDC, WITH TUBES 1/0A2 1/12AU7 & 1/6X4 ALSO TEST LEADS, w/INSTRUCTIC CABINET SIZE 14x5x6; WT: 10 LBS. PRICE: \$29.95



VACUUM CONTROL

PRECISION VACUUM CONTROL #348

DESIGNED TO CHECK AND ADJUST DISTRIBUTOR VACUUM ADVANCE ON THE CAR WHEN USED WITH ELECTRONIC IGNITION ANALYZER. CAN ALSO BE USED TO DETERMINE ENGINE PERFORMANCE BY VACUUM READINGS AND GAUGE READINGS REFLECTING ON ENGINE OPERATING CONDITIONS.

DISTRIBUTOR AND MANIFOLD VACUUM CONTROLS ARE PROVIDED WITH SELECTOR SWITCH.

THE 3" GAUGE READS IN INCHES OF MERCURY AND THE CONCENTRIC SCALE READS 0-10 ON THE FIRST REVELUTION AND FROM 10-24 INCHES OF VACUUM ON THE SECOND. ZERO ADJUSTING CONTROL PROVIDED. ALSO TEST LEADS AND INSTRUCTIONS. SIZE: 13x5x5; WT: 5 LBS. PRICE: \$24.95



TACHOMETER - VOLTMETER

DYNA-VISION ACCESSORY UNIT#337 COMBINATION TACH-VOLTMETER.

TACH RANGES 0-1000 AND 0-5000 R.P.M. VOLT RANGE 0-18 VDC.

USED FOR CHECKING R.P.M. AND LOW VOLTAGE CIRCUIT OF AUTO ENGINES, ALSO PROVISIONS FOR PLUGGING IN TIMING LIGHT.

METER IS 4 1/2" CHROME AND SATIN FINISH WITH 500 MICROAMP. MOVEMENT.

OPERATES FROM 6/12 VDC WITH TUBES 1/0A-2 & 1/2D21.

SIZE: 13x5x5; WT: 8 LBS. PRICE: \$29.95



AMPS. -VOLTS-REGULATOR

AMPS-VOLTS-REGULATOR TESTER WITH POINTS RESISTANCE CHECK MODEL#322

LARGE 4 1/2" METER 500 MICROAMP MOVEMENT BLACK AND SILVER SATIN FINISH.

VOLT SCALE 0-18 VDC WITH SPECIAL BUTTON FOR READING 0-1.8 V. D.C. AMPERE SCAL 0-60. TEST SELECTOR SWITCH FOR EACH READING.

SEPARATE CABLES FOR VOLTS, AMPS. & RESISTANCE READINGS. METER SCALE IS MARKED FOR PTS, CRK, COIL AND REG TESTS.

FACE OF UNIT IS POLISHED CHROME AND BLACK SATIN FINISH. COMPLETE WITH INSTRUCTIONS FOR MAKING THE VARIOUS CHECKS. MFG. MAQUETTE. SIZE: 10x6x4; WT: 8 LBS. PRICE: \$19.95



IGNITION - TESTER

METER IGNITION TESTER MODEL# 327

LARGE 4 1/2" METER WITH 500 MICROAMP 0-30 SCALE ALSO MARKED LOW AVERAGE

FOR CHECKING IGNITION SYSTEMS. SELECTOR SWITCH FOR CURRENT AND VOLTAGE READINGS ALSO TEST LEADS.

WITH OPERATING INSTRUCTIONS. CHROME MIRRORRED FACE WITH BLACK AND GREY SATIN FINISH.

THIS EQUIPMENT IS KNOWN AS THE CHROME-LINE OF HEYER-MARQUETTE.

SIZE: 11x6x4; WT: 8 LBS. PRICE: \$19.95



BATTERY ANALYZER

HEYER 12 VOLT OVER-ALL BATTERY ANALYZER MODEL 12 BT

FOUR STEP BATTERY ANALYZER WITH LARGE 4 1/2" METER AND HEAVY CABLES WITH SURE-GRIP CLAMPS.

BATTERY SIZE ADJUSTMENT SWITCH FOR SMALL 30-40 APH, MEDIUM 50-60 APH AND LARGE 70-80 APH BATT.

BATTERY LOAD SWITCH, BATTERY CHARGE SWITCH & BATTERY CONDITION SWITCH FOR MAKING THE REQUIRED TESTS WHICH IS INTERPERTED ON THE APPROPRIATE SCALE OF THE METER

SIZE: 11 1/2x6x6; WT: 12 LBS. w/INSTR. PRICE: \$24.95



BATTERY TESTER

ATLAS SAFETY-CHARGE BATTERY TESTER MODEL PSC-1-TRG. FOR 6 OR 12 VOLTS.

LARGE 4" METER FOR EASY READING OF BATTERY CONDITION, SHOWS IF BATT. IS SERVICEABLE, NEEDS RE-CHARGING OR REPLACEMENT ALSO INDICATES CHARGING VOLTAGE, LOW, NORMAL OR HIGH.

THIRTY SIX INCH CABLE AND TEST PROBE FOR CHECKING EACH CELL. RUGGEDIZED PLASTIC METER CASE AND UNBREAKABLE PLASTIC METER FACE.

SIZE: 4 1/2x4x3; WT: 3 LBS. w/INSTRUCTION PRICE: \$6.95



BATTERY TESTER

HEYER MODEL WT-101

WAREHOUSE BATTERY TESTER FOR CHECKING CELLS UNDER LOAD. SIX OR 12 VOLT BATTERIES. INDICATOR LIGHTS FOR OCV TEST AND LOAD TEST FOR 6 VOLT, 12 VOLT LIGHT DRAIN, 12 VOLT HEAVY DRAIN. HEAVY SUR-GRIP

CLAMPS AND INDIVIDUAL CELL PROD. LARGE 4 1/2" METER AND HANGERS FOR WALL MOUNTING.

SIZE: 15x10x7; WT: 15 LBS. \$19.95



COMPRESSION

COMPRESSION TESTER ADAPTER GAUGE No. 1949 WITH LARGE 2 1/2" BRASS CASE, 0-300 LB PRESSURE, BRASS FITTINGS.

3 LBS. \$5.95



TRANSCEIVER



BC-645/ABA-1 TRANSCEIVER ARMY-NAVY-AIR FORCE TRANSDOR USED FOR FREIND OR FOE IDENTIFICATION IN THE 460-490 MC BAND. COMPLETE WITH TUBES 4/7F7, 4/7H7, 2/7E6, 2/6F6, 2/955 & 1/316. SIZE: 11x6 1/2x14; WT: 20 LBS.

BC-645/ABA-1 RECEIVER-TRANSMITTER N \$19.95

MOUNTING FOR " " 1.50

BC-646 CONTROL BOX 1.95

MOUNTING FOR BC-646 CONTROL BOX. 1.00

PE-101 DYNAMOTOR 12/13-24/26 VDC; 12.6/6.3 AMPS. OUTPUT 400 VDC @ 135 MA 800 VDC @ 20 MA. 9V 80CYC. 1.12A. SIZE: 14x7x5; WT: 13 LBS. NEW 7.95

UHF ANTENNAS 2 PER SET 1.95

PLUGS COMPLETE SET \$4.95 INDIVIDUAL 1.50

COMPLETE SET OF ALL ITEMS DESCRIBED ABOVE ALL BRAND NEW \$29.95

THOUSANDS OF THESE SETS HAVE BEEN SOLD FOR CONVERSION TO THE 460-470 & 470-500 MC BANDS.

NAVY TRANSCEIVER



NAVY MODEL MAW TRANSMITTER-RECEIVER 115-156 MC, AM VOICE

MCW, CRYSTAL CONTROL ON TEN PRESET CHANNELS ANY WHERE IN THE RANGE. USES FT-243

CRYSTAL HOLDERS. DESIGNED TO PROVIDE GROUND TO AIR COMMUNICATING APPROX. 10 MILES, GROUND TO GROUND DEPENDS ON CONDITIONS BUT SHOULD BE JUST AS EFFECTIVE IN LINE OF SIGHT. PORTABLE UNIT HAS SELF CONTAINED VIBRATOR PACK THAT REQUIRES TWO 2 VOLT STORAGE BATTERIES. WITH TUBES 14/3A4, 6/3A5, 9/1L4 & 2/1S5. POWER OUTPUT APPROX. 0.7 WATTS. SIZE: 18x14 1/2x5 1/2; WT: 40 LBS. UNUSED \$45.00

PRICE: AS ABOVE IN CHEST WITH HEADSET, MICROPHONE, CABLES, BATTERY ETC. \$60.00

CANADIAN TRANSCEIVER



MARK 19 TRANSCEIVER 2 TO 8 MC AND 230-240MC "A" SET RADIO TELEPHONE AND CW OPERATION IN THE 2 TO 8 MC RANGE WHICH COVERS THE 40 AND 80 METER BANDS. SIX TUBE SUPER RECEIVER AND SIX TUBE MOPA TRANSMITTER WITH 807 TUBE IN FINAL. SPECIAL PROVISIONS FOR NETTING AND PRE SETTING. POWER OUTPUT 20 TO 30 WATTS.

"B" SET TRANSCEIVER 230 TO 240 MC. FOUR TUBE OPERATION USING E1148 TUBE IN FINAL.

"10" SET INTERPHONE AMPLIFIER 2 TUBE AUDIO. SUPPLIED WITH TUBES 1/6H6, 1/807, 1/EF50, 6/6K7G 2/6K8G, 2/6V6G, 1/6B8G AND 1/E1148, HEADSET, CONTROL BOX, ANTENNAS, 12 VOLT D.C POWER SUPPLY, MOUNTING BASE, TELEGRAPH KEY, INSTRUCTION BOOK ETC. SIZE: 27x10x13 1/2; WT: 100 LBS. UNUSED \$44.50

MARK 19 TRANSCEIVER 2 TO 8 MC AND 230-240MC "A" SET RADIO TELEPHONE AND CW OPERATION IN THE 2 TO 8 MC RANGE WHICH COVERS THE 40 AND 80 METER BANDS. SIX TUBE SUPER RECEIVER AND SIX TUBE MOPA TRANSMITTER WITH 807 TUBE IN FINAL. SPECIAL PROVISIONS FOR NETTING AND PRE SETTING. POWER OUTPUT 20 TO 30 WATTS.

"B" SET TRANSCEIVER 230 TO 240 MC. FOUR TUBE OPERATION USING E1148 TUBE IN FINAL.

"10" SET INTERPHONE AMPLIFIER 2 TUBE AUDIO. SUPPLIED WITH TUBES 1/6H6, 1/807, 1/EF50, 6/6K7G 2/6K8G, 2/6V6G, 1/6B8G AND 1/E1148, HEADSET, CONTROL BOX, ANTENNAS, 12 VOLT D.C POWER SUPPLY, MOUNTING BASE, TELEGRAPH KEY, INSTRUCTION BOOK ETC. SIZE: 27x10x13 1/2; WT: 100 LBS. UNUSED \$44.50

MARK 19 TRANSCEIVER 2 TO 8 MC AND 230-240MC "A" SET RADIO TELEPHONE AND CW OPERATION IN THE 2 TO 8 MC RANGE WHICH COVERS THE 40 AND 80 METER BANDS. SIX TUBE SUPER RECEIVER AND SIX TUBE MOPA TRANSMITTER WITH 807 TUBE IN FINAL. SPECIAL PROVISIONS FOR NETTING AND PRE SETTING. POWER OUTPUT 20 TO 30 WATTS.

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HORN

SPARTON HORN MODEL SA OEM 12 VOLTS D.C. HIGH PITCH

SIZE: 5 1/2x6 1/2x2 1/2; WT: 3 LBS. PART No. S-34 SINGLE A25852

PRICE: \$1.75



MATCHED METERS



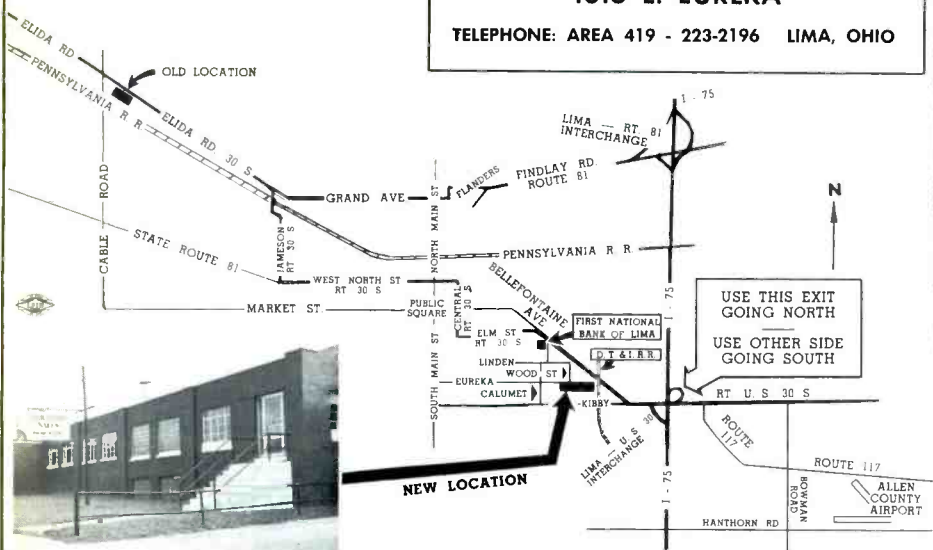
WICO AMMETER AM-301BL; BRASS CASE, CHROME EDGE 2 1/2" ROUND, 100-50-0-50-100 MOUNTING HARD WARE AND DIRECTIONS. \$1.95

WICO VOLTMETER VM-2979L; BRASS CASE CHROME EDGE 2 1/2" ROUND, SCALE 0-5-10-15-20 D.C VOLTS. MOUNTING HARD. & DIRECT. \$1.95

FAIR RADIO SALES CO.

1016 E. EUREKA

TELEPHONE: AREA 419 - 223-2196 LIMA, OHIO



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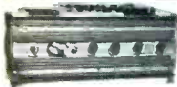
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SOLID STATE 12VDC SUPPLY



SOLID STATE 12 VDC SUPPLIES VOLTAGE REGULATED ASSEMBLIES THAT HAVE BEEN REMOVED FROM COMPUTER SYSTEMS. USES HIGH CAPACITY CONDENSERS, SILICON RECTIFIERS, TRANSFORMER, HEAT SINK, RESISTORS & PRINTED CIRCUIT CONTROL BOARD FOR REGULATION.

PRICES WITHOUT PRINTED CIRCUIT CONTROL BOARD.

ASM-490	4 AMP	Size 10x6x6	12 LB.	\$ 9.95
" 390	8 "	" 11x6x6	16 "	12.95
" 500	12 "	" 13x6x6	25 "	16.95
" 510	16 "	" 15x6x6	30 "	19.95
" 380	20 "	" 18x6x6	35 "	22.95

PRINTED CIRCUIT CONTROL BOARDS \$7.50 (NOT ORIG.)

304TH



NEW \$20.00 EACH

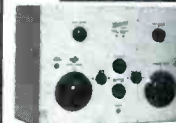
MORE TUBES ON PAGE 22



MULTIPEX

PHILCO CST-2 SIGNALING AND TERMINATION UNIT. FOR USE IN MULTIPLEX SYSTEMS FOR TRANSMISSION OF DIAL OR RINGDOWN SIGNALING AND TERMINATES A FOUR WIRE CIRCUIT OF THE MULTIPLEX INTO A TWO WIRE TELEPHONE CIRCUIT. A 3.5 KC TONE IS USED FOR SIGNALING. ALSO HAS CONTROLS FOR PROPER ATTENUATION OF VOICE LEVEL. OPERATES FROM 115 V. 60 CYC. AND IS COMPLETE WITH 2/12AU7 TUBES, RELAYS, RACK MTG. 19x4x12; WT: 25 LBS. PRICE: UNUSED \$12.95

LONG WAVE RECEIVER



MARCONI LONG WAVE RECEIVER MSL-5 15 KC TO 1500 KC TRF FIVE BANDS USING TUBES 6K7 TUNED R.F. AMPLIFIER, 6K7 UNTUNED R.F. AMPLIFIER, 6F7 DETECTOR AND REGENERATOR AND 38 OUTPUT PENTODE.

POWER REQUIRED 6 VOLTS FOR FILAMENTS AND 90 VOLTS D.C. FOR PLATES. TWO LARGE 4" VERNIER DIALS FOR AERIAL AND DETECTOR TUNING, VOLUME, NOTE FILTER, FILAMENT, RANGE AND REACTION CONTROLS PLUS PHONE JACKS FOR MAGNETIC OR CRYSTAL PHONES ALSO A CRYSTAL CATS WHISKER DETECTOR FOR USE IN THE 274.5 TO 786.5 KC RANGE. TRULY A RARE SET FOR THOSE WHO WANT TO GET INTO THE LONG WAVE RANGE. OUTPUT CAN BE FED INTO PHONO JACK OR AMPLIFIER. SIZE: 17x13x9; WT: 40 LBS. GOV'T RE-CONDITION PRICE: \$49.50

APR-4Y RECEIVER



R-54/APR-4Y RECEIVER AM & FM DESIGNED FOR USE IN THE FREQ. RANGE OF 38 TO 4000 MC. BY USING PLUG-IN TUNING UNITS OF WHICH THERE ARE 5 REQ. FOR THE COMPLETE RANGE.

THIS RECEIVER HAS BEEN MODIFIED FOR 115 VOLT 60 CYCLE OPERATION. USED R-54/APR-4Y RECEIVER (NO TUNING UNITS) \$95.00
 TN-16/APR-4 TUNING UNIT 38- 95 MC 34.50
 TN-17 " " " 74- 320 " (WRITE)
 TN-18 " " " 300-1000 " (WRITE)
 TN-19 " " " 975-2200 " 39.95
 TN-54 " " " 2150-4000 " 75.00
 SIZE: 8x10x2 1/2; WT: REC. 33 LBS. TU. 15 LBS.

MOTORIZED COUPLER

ANTENNA COUPLER UNIT PT#331001-110 FOR REMOTE OPERATION.



JENNINGS VARIABLE VACUUM CAPACITOR 5-750 MMF, 5000 V. MOTOR DRIVEN 28 VDC WITH 2 AUTOSYN UNITS ATTACHED 115 V. 400 CY. ALSO FIXED VACUUM 50 MMF 15,000 V. TWO SECTION ROTARY INDUCTANCE COIL APPROX. 100 WATT MOTOR DRIVEN 28 VDC. ONE HEAVY DUTY SWITCHING ASSY. MOTOR DRIVEN, 115 V 400 CYC BLOWER, ALSO OTHER MOTORS, SELSYNS, DIODES, CAP. RES. ETC. IN SEALED HOUSING. SIZE: 23x9x7; WT: 35 LBS. FSN 5821-606-0263 PRICE: USED \$49.50

TV TRANSMITTER



T-61/AXT-2 TRANSMITTER FREQ. RANGE 264 TO 372 MC. RECEIVES RADIO & SYNCHRONIZING SIGNALS AND BLANKING SIGNALS AND TRANSMITS MODULATED R.F. CARRIER WHICH IS GENERATED IN THIS UNIT BY MEANS OF OSCILLATOR AND POWER AMPLIFIER. POWER REQ. 750 VDC 225 MA & 24/28 V. WITH TUBES 4/8025, 2/6L6, 2/6SH7, 1 EA. 5Y3GT, 6SL7GT, 6V6GT & 955. SIZE: 9x14x18; WT: 40 LBS PRICE: USED \$39.50 UNUSED \$49.50

SERVO AMPLIFIERS



SERVO AMPLIFIERS FROM MD-2 ELECTRONIC CONTROL STABILIZATION BOMBING NAVIGATIONAL COMPUTER. PART No. DESIG. PART No. DESIG
 658657 I H 656662 P H
 672168 MAH 673097 MDH
 658659 K H EACH UNIT
 SIZE: 3x3x3; WT: 3 LBS. U \$2.95
 658658 J H 658661 M H
 658660 L H EACH UNIT
 SIZE: 5x3x3; WT: 4 LBS. U \$3.95
 SEALED UNITS. CONNECTOR PLUGS EACH USED \$1

GENERATOR



GN-41B LARGE HAND CRANK GENERATOR WITH PERMANENT MAGNETS. USED TO RING TELEPHONE LINES, HAS OUTPUT OF APPROX 100 VOLTS DEPENDING ON SPEED THAT CRANK IS TURNED. CAN ALSO BE USED AS SHOCK MACHINE, LIGHT SMALL PILOT LITES DRIVE WORMS OUT OF THE GROUND BY WIRING THE OUTPUT THE METAL STAKES AND PUSHING THEM INTO THE LAWN AND FOR OTHER USES. SIZE INCLUDING CRANK 6x3x2 1/2; WT: 3 LBS \$3.95

KEY AND BUZZER



A-202 CODE PRACTICE TELEGRAPH KEY WITH BUZZER AND CORD. ADJUSTABLE KEY WITH ADJUSTABLE BUZZER THAT WILL OPERATE FROM 9-12 VOLT D.C MOUNTED ON BLACK BAKELITE BOARD WITH ENOUGH ROOM TO REST FIST, RUBBER FEET ON BOTTOM. KEY SIZE 4x1 1/2x1 1/2, BUZZER SIZE 1 1/2x1 1/2x2; BOARD 3 1/2x7 1/2; WT: 1 1/2 LB PRICE: NEW \$1.50

SINCE 1947



CATALOG WS-07

FAIR RADIO SALES CO.
WORLD'S FINEST

ELECTRONIC SURPLUS

GOVERNMENT AND COMMERCIAL

MANY ITEMS AT SPECIAL SALE PRICES !

R-390A Rack Cabinet

19" Rack Cabinet for R-390A, R-388, SP-600, etc... 16-gauge steel, Rails are fixed both front and rear, round hole punched for 10-32 clip-nuts to full EIA hole centers (5/8 - 5/8 - 1/2 inch spacing). Includes rubber feet,

2 lifting handles, a starter pack of 10-32 clip nuts & matching black screws. 10.5" Rack Height. Overall height 2" over panel height. 17" Deep. Overall width is 21". Recommended maximum weight 600 pounds. Rugged powder paint finish. Hammond Mfg. 28 lbs sh. Drop shipped from NY. New, #RCBS1901017BK1, List, \$178.58; Our Price, \$149.50 As above except 13" deep, #RCBS1901013BK1, \$119.50

Handcrank Generator

GN-38 Handcrank Generator, with flat magnets but has shorter fold-up GC-9 crank. Used in EE-8 and other older military phone equipment. 4" L x 2.5" diameter. 4 lbs sh. #GN-38, \$35.



G-42 (or equal) Handcrank Generator, used in various military phone equipment such as TA-312. 90V w/ very low amps. Use to replace "dead" generator in antique phone or for remote bell ringer or as "worm shocker". 4" L x 2.5" diameter. 4 lbs sh. #G-42, Used, \$42.00



LS-166 Speaker

LS-166/U Permanent Magnet Speaker, used with the older style military radio sets. 3 Watts in to 8 Ohms, and coupled through a sealed, 8 Ohms to 600 Ohms impedance transformer. Frequency response 300Hz to 7Khz. Field or vehicular use modes switch. Cord terminated with a U-77 connector. 7 lbs sh. #LS-166, Government Reconditioned. \$60.00



SCR-522 Radio



SCR-522 Airborne Transceiver covers 100-156 Mhz, 8 watts, Operation may take place on any one of four crystal-controlled channels lying within the frequency range of 100 to 156 megacycles. Uses Dynamotors PE94 or PE98. 12.5x17.5x10.8, 49 lbs sh. #SCR-522, used, \$95.00. #PE98 Dynamotor for above, used, \$35.00.

LS-3 Loudspeaker

LS-3 Permanent Magnet Loudspeaker. Made by Best. Used with BC-189, BC-312, BC-314, BC-342, BC-652. It can also be used with the BC-224 and BC-348. Mounted on the speaker is an 8000 ohm to voice coil matching transformer. Has a JK-33 input jack which mates with PL-68 plug. 6" diameter speaker mounted in a 8" x 8" x 4.8" housing. Most have 1952 contract date. May have very slight rust. NOS, Smooth satin black finish. Shipping wt 14 lbs, #LS3-SMOOTH. \$49.50



LS-3 Best Mfg, WW2 194X contract date, as above with black crinkle finish. May have very slight rust. NOS. Shipping wt 14 lbs, #LS3-CRINKLE. \$59.50

Screwdriver Antenna



Eliminator Screwdriver Antenna features continuous tuning from 10 thru 80 meters at 400 watts. 2" coil, 36" mast and standard SO-239 coax connector with a balun matching network built inside the antenna. Approved for use with Turbo Tuner and Tar Heel Controllers. A 3/8 x 24 threaded 67" long whip is required but not provided. 12 lbs sh. #ANT-SCD, New, \$320.00

16" Spoke Type Capacity Hat f/ above, #ANT-SPK, \$24
Truck Bumper Mount Bracket f/ above, #ANT-BMP, \$34.99

Hydrophone



Microphone for Hostile Environments and Miniature Hydrophone. Small size, piezoelectric transducer for making underwater sound measurements over wide dynamic and frequency ranges. High sensitivity related to its size. Applications include sound measurements in water and air, ultrasonic measurements in liquids, measurement of marine animal noises. Wide frequency range 0.1Hz to 200KHz. Omnidirectional over wide frequency range. Made by Bruel & Kjaer Instruments, Inc. Comes in a wood case. 4 lbs sh. #BK-8103, Excellent condition. \$199.50



Ceramic Tube Sockets



GZC5-A, 5 pin Ceramic Socket that fits a 4-125, 4-250, & 4-400 tubes, etc... \$7.95



GZC7-13, 7 pin Ceramic Socket that fits a 1625 tube, etc... \$1.95



GZC12-F-1, 12 pin Compactron Ceramic Socket that fits a 6KD6 tube, etc. \$2.95

570 PF Air Variable

25 to 570pf Air Variable Capacitor from 180S1 100 watt Antenna Tuner. Air gap 0.045" spacing. From 180S1. Made by Cardwell. 1/4" diameter shaft. 8.4x2.6x2.3, #C102/180S1, \$59.50



Roller Inductor



15 uHy Roller Inductor from 180S1 100 watt Antenna Tuner. 3.8" long x 2" diameter coil. Looks like 18 gauge wire. 24 turns. Ceramic end plates. 1/4" diameter shaft. 8.6x3x5.2, #L101/180S1, \$59.50

ARC-12 Transmitter

T-11A/ARC-12 VHF Aircraft Transmitter. 116-132 Mhz AM 2 watts. Crystal controlled. T-13/ARC-12 Transmitter, 132-148 Mhz AM 2 Watts. 6.8x4.8x5.5, 7 lbs sh. #T-11Used, \$39.95



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ORDERING INFORMATION
SEE PAGE 19

MINIMUM ORDER \$10.00
+ SHIPPING

Hammond HV Xformers

We are proud to be a distributor of Hammond Mfg Transformers & Chokes. All Hammond products we sell are sold at a discount from MSRP. Transformers & chokes purchased in lot discount may be drop shipped from NY.



Hammond HV Transformers - All end bell style. Primary 115vac 60Hz. New,

380VCT 65ma, 6.3 V@2.5 A, 2.7x2.2x2.7, 3 lbs sh. #269EX, \$36.69; 3 pcs \$30.63 ea

520VCT 90ma, 6.3 V@3.5 A, 3x2.5x3.2, 5 lbs sh. #270DAX, \$46.62; 2 pcs \$41.91 ea; 4 pcs \$39.41 ea

550VCT 200ma, 5 VCT@3 A, 6.3 VCT@6 A, 4x3.2x3.9, 10 lbs sh. Drop shpd from NY. #270HX, List, \$79.13; Our Price \$65.00; 2 pcs \$61.31 ea; 4 pcs \$58.99 ea

600VCT 250ma, 5 VCT@4, 6.3 VCT@8 A, 4x3.8x4.6, 11 lbs sh. Drop shpd from NY. #272JX, List, \$85.78; Our Price \$67.19; 2 pcs \$63.44 ea; 4 pcs \$60.94 ea

640VCT 150ma, 5 VCT@3 A, 6.3 VCT@5 A, 3.5x3.2x3.9, 9 lbs sh. Drop shpd from NY. #276X, List, \$84.90; Our Price \$66.56; 2 pcs \$62.81 ea; 4 pcs \$60.31 ea

700VCT 175ma, 5 V@3 A, 6.3 VCT@5 A, 4x3.2x3.9, 10 lbs sh. Drop shpd from NY. #273BX, List, \$73.84; Our Price \$65.00; 2 pcs \$61.31 ea; 4 pcs \$58.99 ea

750VCT 175ma, 5 VCT@3 A, 6.3 VCT@6 A, 4x3.2x3.9, 10 lbs sh. Drop shpd from NY. #274BX, List, \$79.43; Our Price \$65.00; 2 pcs \$61.31 each; 4 pcs \$58.99 ea

800VCT 200ma, 5VCT@3 A, 6.3 VCT@6 A, 4x3.2x3.9, 11 lbs sh. Drop shpd from NY. #278X, List, \$99.59; Our Price \$76.79; 2 pcs \$73.04 ea; 4 pcs \$70.54 ea

800VCT 465ma, 6.3 VCT@6 A, 5x3.8x4.6, 18 lbs sh. Drop shpd from NY. #278CX, List, \$106.21; Our Price \$81.40; 2 pcs \$77.65 each; 4 pcs \$75.15 ea

850VCT 150ma, 5 V@3 A, 6.3 VCT@5 A, 4x3.2x3.9, 10 lbs sh. Drop shpd from NY. #279X, List, \$90.56; Our Price \$70.51; 2 pcs \$66.76 ea; 4 pcs \$64.26 ea

1000VCT 200ma, 5 VCT@3 A, 6.3 VCT@6 A, 4.5x3.8x4.6, 14 lbs sh. Drop shpd from NY. #282X, List, \$108.39; Our Price \$82.91; 2 pcs \$79.16 ea; 4 pcs \$76.66 ea

Hammond Filament Xformers

All Open Frame, Primary 115VAC 60Hz. New,

2.5VCT 10A, 2.2x3.7x2.4, 3 lbs sh.

#166S2, \$20.36; 4 pcs \$17.48 ea

5VCT 3A, 1.8x3.3x2, 3 lbs sh.

#166MS, \$12.54; 6 pcs \$10.86 ea

6.3VCT 4A, 1.8x3.3x2, 3 lbs sh.

#166N6, \$17.85; 5 pcs \$15.19 ea

6.3VCT 10A, 2.25x4.1x2.7, 4 lbs sh.

#166S6, \$29.24; 3 pcs \$24.92 ea

12.6VCT 4A, 2.13x3.7x2.4, 3 lbs sh.

#166N12, \$21.96; 4 pcs \$18.71 ea

12.6VCT 8A, 2.5x4.5x3, 5 lbs sh.

#166R12, \$30.45; 3 pcs \$25.85 ea



Hammond Chokes

All Open Frame unless otherwise noted, New,

5Hy 150ma, 105 ohm, 400VDC, 2x3.3x2, 3 lbs sh.

#158Q, \$19.26; 4 pcs \$16.64 each

8Hy 100ma, 259 ohm, 400VDC, 1.8x3.3x2, 3 lbs sh.

#157M, \$21.48; 4 pcs \$18.34 each

10Hy 100ma, 262 ohm, 400VDC, 2x3.3x2, 3 lbs sh.

#158M, \$19.02; 4 pcs \$16.46 each

15Hy 100ma, 256 ohm, 500VDC, 2.3x4.1x2.7, 4 lbs sh.

#159M, \$24.42; 4 pcs \$20.62 each

20Hy 100ma, 181 ohms, 600VDC, End Bell Style, 3.3x2.5x3.1, 5 lbs sh. #193C, \$34.35; 3 pcs \$28.48 ea

Enclosure



Weather Resistant Enclosure with Window, Great for your outdoor control / monitoring of solar cells, antenna controls, control center for your garden watering system. Cover is hinged and gasketed for weather resistance. O.D. 15.5" x 13.4" x 6.5"; I.D. 13.9 x 11.9 x 5.9; Window 9.4 x 6. The window

allows you to monitor your circuit if you put read-outs behind the window. Made of fiberglass reinforced polyester, Non-metallic. Color - machine gray. Long piano hinge, looks like stainless steel. Made by Robroy Stahl Industrial. 10 lbs sh. #23541412, Unused in factory box, \$49.50

Books



Aviation 1910, "The Practice and Theory of Aviation" by Grover Loening. "Recent Progress in Aviation" by Octave Chanute. Two articles about early plane engines. Technical details of airplanes of 1910; simple scale drawings of the Farman, Doy, Wright; info on control surfaces, landing gear, engine horsepower, controls, the frame.

See the Wright brothers, Santos-Dumont, DeLagrange and others in flight. Listing of significant flights made by all pilots from the Wright brothers in 1903 to Hubert Latham's flight at Mourmelon, France in 1910. Details on 2 new Wolseley engines built for airplanes and an engine competition held in October 1909 and how unreliable the entrants were, you'll know the early fliers risked their lives every time up. 64 pages. #23470, \$8.95

Windmills & Windmotors, different types of turn-of-the-century windmills. Build a model tower windmill like those in Holland, a power-producing windmill with 3' diameter sails, a 6' diameter windmill capable of driving a 30 watt dynamo, a 10' diameter windmotor. Drawings show how the all-wood machine is built, and how metal gearing brings the power down to ground level. 88 pages. #4279, \$6.95



Radio Pioneers, Published in 1945 by the Institute of Radio Engineers (IRE) as a keepsake for their Radio Pioneers Dinner in November 1945. You get a history of the IRE from it's beginning in 1908 with photos of John Stone Stone, Robert Marriott, Pickard, Kennelly, Pupin, Pierce, Morecroft, Langmuir and

others. Pictures of early tubes, Poulsen in his lab, Marconi parabolic reflectors, a Fessenden alternator. The history is brief, fast reading, but informative. You'll meet the personalities and discover what they did. Then you can go digging for more information about those topics that sound most interesting. 64 pages. #23462, \$8.95

Electrical Things Boys Like to Make, Fifty years ago boys made these projects: from a door-bell and night light to a corn popper, crystal set, and toy motors. Get thirty three projects illustrated with detailed drawings and photographs. Basic construction techniques such as coil winding, soldering, building a punch jig and the use of hand tools, more. Build a crystal set or motors, help a child to build an interesting project and stimulate their interest in technology. 205 pages. #23241, \$9.95



GOD IS JUST A PRAYER AWAY

Fair Radio buys your excess material. We may be interested in some items in low quantities, but prefer higher quantities for our catalog sales.

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FOR ORDERING INFORMATION SEE PAGES 19

R-390A Parts & Assy

Maintenance Manual Reproduction for R-390A, \$23.00
Operators Manual Reproduction for R-390A, \$12.00



VFO from R-390A HF receiver with 5749 tube; various mfg (no choice). 4x3x7.5, 4 lbs, used dented less connectors & coupler "as-is", #VFO/R390A,\$26.50

455KHz Beat Frequency Oscillator for famous HF Receiver R-390A. UNUSED CONDITION! 3.3x1.5, 2 lbs sh. #390A-BFO, \$32.50



I.F. DECK for R-390A IF transformers, Z501 and 455KHz crystal, and tubes. Less all four 455KHz mechanical filters, BFO, Carrier pot. RT510 ballast and tube shields; 4 lbs. #IF/390A, "as-is" \$59.50

Replacement assemblies & parts for the R-390A:

AC Terminal Protective Cover, #390A-ACP,	\$8.00
CRYSTAL OSCILLATOR (no crystals) #390A-CO,	\$25
CRYSTAL, BAND, #390A-(crystal freq.)-CR,	\$12
DIAL, COUNTER, #390A-DC,	\$25.00
GEARS, #39, #390A-G-39; or #21, #390A-G-21, \$12	
GEARS others less clamp, #390A-G-(specify#),	\$3.50
GEAR CLAMPS, 1/4" only, #390A-GC,	\$3.50
HANDLES per pair, #390A-HAND,	\$18.00
KNOBS, small size, #390A-SM,	\$6.00
KNOBS, medium size, #390A-MED,	\$6.00
POWER SUPPLY without tubes, #390A-PS,	\$35.00
TRANSFORMER, RF, #390A-RF- (specify #)	\$11.00
TRANSFORMER, IF, #390A-IF- (specify #)	\$14.00
SLUGS, IF Variable, #390A-SL-IF,	\$6.00



Test Connectors to make test extender cables for R-390A receiver. You receive the 5 male/female connector pairs with covers to make the following extender cables along with instructions from manual: P110-J410(Crystal Osc), P111-J8111/P119-J619 (Power supply/Audio), P120-J620(Audio), P112-J512(IF Amplifier), P108-J208/P109-J709(RF Amplifier/VFO). #390A-CON,\$69.95

R-390A Fuses, New,

0.1 amp (good replacement for 1/8 amp), #6FF0.1N, 5 for 2.50, 10 for \$3.95
0.25 amp, #6FF0.25N, 5 for 2.50, 10 for \$3.95
3.15 amp (good replacement for 3 amps), #6FF3.15N, 10 for \$1.95

---- COVERS FOR R-390A ----

Hard to find aluminum replacement top and bottom covers for R-390A series. Very close to original. Newly manufactured, #390-TB, \$89.95
RF Cover, Newly manufactured, #390-RF, \$25.00
Set: top, bottom, & RF; newly mfg, #390-S, \$109.95

---- NAME TAGS FOR R-390A ----

Reproduction Name Tags for R-390A radios. Multiple mfg available. New, \$24.99 each



Motorola Large Print, 3"Wx7/8"H, #TML390
Motorola Small Print, 3"Wx7/8"H, #TMS390
Collins, 2.5"Wx1"H, #TC390
Electronic Assistance Corp., 2.5"Wx1"H, #TE390
Stewart-Warner, 2.5"Wx1"H, #TS390

R-390A Connectors:

UG-573 Type "C" Male Unbalanced Silver Plated Connector/ R-390A. #UG-573, Unused cut-off,\$6.50
Twin-Ax male, Amphenol, New, #82-5589-RFX, \$9.95; 3 / \$25.00
Mini-BNC p/o R-390A, #390A-MBNC, used, \$3.00
As above but chassis, #390A-MBNC-CH, used, \$3.00



Hard to find R-390A balanced input adapter. Goes from Twin-ax male to a UHF female. Unused, #UG-970, \$40

ILS Receiver

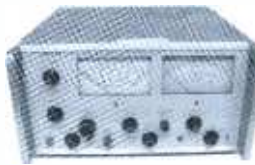


FA-8766 PORTABLE ILS TEST RECEIVER, covers 108.1 to 111.9 (5uv sens) and 329.3 to 335.0 (25 uv) Mhz with separate crystal controlled front ends feeding a common 60 mhz IF through a combiner and then converted to a 3 Mhz second IF. The RF and IF sections are in cast metal

shielded assemblies. The solid state receiver has audio and AGC detectors. The audio circuits have 90 and 150 hz bandpass filters, the audio is rectified and the output used to drive the DC meters. This unit is a good basis for modification and experimentation. Power input 120 vac or 18 vdc. Receiver has nicad battery/charger circuit. No warranty as to serviceability of battery. See our web page for more pictures. 10.1x9.5x12, 23 lbs sh. Crystals not included. With schematic/info. #FA-8766, Used \$39.50; 4 for \$100.00

RFI Receivers

Singer model #NM-17/27 is a programmable, precision electromagnetic interference/field intensity meter for the measurement of conducted or radiated RF interference, within the frequency range of 10KHz to 32 MHz. May be used as a VLF unit. The instrument may be used to analyze narrowband or broadband signals within its frequency range. Field intensity or direct peak detector functions may be used for measurements in addition to quasi-peak, slideback peak and BFO detection modes. AM, FM and PM signals may be detected and are available at the video output receptacle for oscilloscope display. Requires 115/230V at 50 to 400Hz. 18.5x16.7x8.7, 55 lbs sh. #NM-17/27, Used repairable with manual repro, \$595



#NM-37/57 same as above except 30MHz-1GHz, \$795

#NM-26T Stoddart type, EMI Rcvr, 150KHz-32MHz, \$595

FAIRCHILD ELECTRO-METRICS R-70B RFI RECEIVER uses 9 tuning heads covering 0.1 to 1100 MHz; with two cases and manual, #R-70B, \$800.00

Selective Level Meter



Rycom 6041 Selective Level Meter / VLF Receiver makes measurements of both level and frequency on frequency division multiplex (FDM) equipment baseband signals. Although its primary application was intended to be on high-density long-haul microwave systems, the 6041 SLM may be employed on any communications equipment requiring selective/wide band level or frequency measurements. Frequency range for Wide Band Level Meter and Frequency Counter: 50 and 75 ohm - 300Hz to 3.5MHz; 124, 135, 150 ohm - 4KHz to 2.0MHz; 600 ohm - 300Hz to 100KHz. Requires 115VAC 60Hz or Battery. Battery holds a charge for the short term but is sold As-Is. 10.1x12.2x8, 24 lbs sh. #RYCOM-6041, Used Operational, \$595.00

Although its primary application was intended to be on high-density long-haul microwave systems, the 6041 SLM may be employed on any communications equipment requiring selective/wide band level or frequency measurements. Frequency range for Wide Band Level Meter and Frequency Counter: 50 and 75 ohm - 300Hz to 3.5MHz; 124, 135, 150 ohm - 4KHz to 2.0MHz; 600 ohm - 300Hz to 100KHz. Requires 115VAC 60Hz or Battery. Battery holds a charge for the short term but is sold As-Is. 10.1x12.2x8, 24 lbs sh. #RYCOM-6041, Used Operational, \$595.00

COLLINS 208U-3A



208U-3A POWER AMP automatically tunable over 2 to 30 Mhz SSB-AM-CW @ 3 KW PEP for use with URG-2 radios. Uses 4CX5000 PA tube; tune time 6 sec nominal, 10 sec max. With modules 333H-2 Electronic Control Amp, 309F-1 Digital to Analog Converter, 915V-2 Amp Control, 652J-13 Power Supply, 599Z-1 Test Panel and 915X-1 Control Monitor. Includes manual copies for all components except 915X-1 & 599Z-1. 72.5x32.6x31; 1200 lbs sh. #208U-3A, Used not tested less 4CX5000, \$3200.00

#208U-3, Used not tested less 4CX3000, \$3250.00

100 to 225 MHz Amp

AM-912/GRC AMPLIFIER-MULTIPLIER plug-in for T-302/TRC transmitter; covers 100-225 MHz FM @ 100+ watts using 4X150A tube. Controls Grid & Plate Tune and Amp Output Coupling. Requires +750 V, 200-350 V screen, and 6.3 V filaments; with schematic. 12x6x14, 24 lbs. #AM-912, used, \$89.50
#AM-915, 225-400 MHz; 4X150A, 4X150G. \$95.00



AM-914/TRC AMPLIFIER-CONVERTER, plug-in for R-417 receiver in 225-400 MHz range. Continuous tuning of RF and oscillator; 30 MHz IF. Modify and use as down-converter! With tubes 5670, 4/6J4.

Requires 150 VDC & 6.3 V . 7.5x6.5x9.5; 15 lbs sh. #AM-914, USED, \$40.00

#AM-1179/GRC, 50 to 100 MHz, used, \$45.00

#AM-1177/TRC, 100 to 600 MHz, used, \$49.50

#AM-3203A/TRC, 1.35 to 1.9875 GHz, used, \$55.00

Rockwell Preselector

HF-8064 4-CHANNEL

HF PRESELECTOR, auto-tuned bandpass filter for HF-8054 receiver & HF-8014. Provides front-end selectivity & overload protection for Rx; improves cross-modulation & out-of-band intermod. Power: 100/115/215/230 V 47-63 Hz. 5.3x19x24, 32 lbs shipping. #622-3522-203, used, \$695.00



Harris Preselector



RF-551A PRE-POST SELECTOR highly selective bandpass filter for 2-29.999 Mhz range functions as preselector for

enhancing receiver signal reception or as post selector for reducing exciter output noise when used with 6 db pad (not supplied). 5-decade freq-control knobs & Hi-Lo Gain switch; N conn. Req. 115/230 VAC 47-420 Hz; 5.3x19x20, 36 lbs sh.

#RF-551A, Used-nice, \$395.00

Manual, partial repro, #MM-RF-551A, \$25.00

UHF Preselector

F-1506/G UHF Tunable

Band Pass Filter / Preselector covering 225-400 MHz dial tuned. Consists of Lark Engr. FX4000-089 filter with N conn in rackmount package. 5x19x18, 25 lbs sh. #F-1506, Used, \$85.00



VISIT OUR WEBSITE AT FAIRRADIO.COM

602-999 MHz Amp



AM-1957 AMPLIFIER-OSCILLATOR, 601.5 to 999.5 MHz plug-in for T-893/GRC-50 transmitter. Utilizes three 7289 tubes as 651-1049.5 MHz oscillator, -50 MHz mixer and 15 watt power amp.

Directional coupler detects Reflected Power and provides

monitor output for external meter circuit. RF passes through duplexer having identical receive/transmit sections each with two cavities. (Receive signal routed to separate AM-1955 receiver module.) Transmit RF then moves to second directional coupler which detects Reflected Power also with output for external meter. Wavemeter samples output RF for frequency measurement using calibration chart. Cathode current of each 7289 regulated by external 250 VDC, 650 VDC, 800 VDC, 5.7 VAC, 5.5 VAC. Schematic and info included. 8.9x11x16, 36 lbs shipping. #AM-1957, Used, \$69.50

AM-1955A/GRC AMPLIFIER CONVERTER used with R-1148A/GRC-50 receiver for 600-1000 MHz band; 60 MHz IF. Uses 4037A/2C40A tube as oscillator; also 5654, 2/5842. W/ wavemeter & calibrate book. Requires 150 VDC, 6.3 V. 15x9.5x8, 30 lbs sh. #AM-1955A, \$30.00

AM-6154 Amplifier

AM-6154/GRT-21 Power Amplifier conservatively rated for 50 watt output from 10 watt exciter input over 116-150 MHz; uses Eimac X651Z/8930 or Amperex DX393 tetrode (no choice) in silver-plated cavity-drawer; 175-turn TUNE counter dial. Main chassis has solid-state power supply and buffer amp/multiplier; panel meter monitors voltages. Requires 105/120/210/240VAC 50-400Hz and +20 volt reg 60ma, +20 volt keyed; w/ schematic info. 7x19x18.5, 80 lbs sh. Used Repairable, #AM-6154,\$300



Bias Supply from AM-6154 or AM-6155 amplifier. 7.1x5x4, 7 lbs sh. #BS-6155, Used, \$35.00

AC - AC Inverter from AM-6154 or AM-6155, 7.1x5x4, 7 lbs sh. #INV-6155, \$39.50

GRT-21/22 Transmitter



T-1109 Transmitter from AN/GRT-22 Radio Set. Frequency coverage is 225-400 MHz AM in 3500 channels. The crystal controlled transmitter has 10 watts output. Associated amplifier is the 50 watt output AM-6155 listed on page 4 of our catalog. Requires 120/240 VAC. 18x19x5.3, 50 lbs sh., #T-1109, Used, \$59.95

T-1108/GRT-21 Transmitter same as above except 116-150 MHz in 680 channels. Associated amp is AM-6154. #T-1108, Used, \$60.00

Schematic Pack f/ T-1108/T-1109, #SCH-T-1108,\$18.

TIQ-2 Amplifier



AM-20/ TIQ-2 Audio PA Amplifier, Part of the TIQ-2 public address system that has been used since the 1950's uses 6SL7 as preamp and drivers with 6L6 output tubes. Two mic inputs, phone/line input, radio/carbon mic input. Wood case with cover. Output 20 Watts 5 % distortion, 50 - 10000 hz. Power input 115/230 V 60 hz. Size 19x14x9, 75 lbs sh. Used Repairable, \$250.00

RF Amp / Preselector



TN-612/G Prepost Selector, consists of RF preselector and broadband power amp. Pre-selector operates in four bands 1.8-3.6, 3.6-7, 7-14, and 10-24

Mhz. Microprocessor-controlled unit has no front panel controls except ON-OFF and indicators for OV DE, OVL, ATT, BITE, TUNE plus silver-plated coils and 3-gang variable capacitor. Frequency is selected by twelve Kilovac HC-1 vacuum relays and nine mini-coax relays along with motor interface adapters. Relays actuated by driver transistors. RF power amp uses four transistors S15-28, T9-0664 and two MRF-466 as output amplifiers. P/o GRC-215 HF-SSB; no further info. Requires 115/230 VAC 50-60 Hz; 4.5x19x17, 46 lbs sh. #TN-612, Unused, \$299.50

Broad Band Power Amplifier Assembly covering 1.6 - 24 MHz



removed from the TN-612 pre-post selector. Uses S15-28, T9-0664 and 2/MRF-466 transistors. 24 VDC. No further info at this time. 2.3x17.3x4.5, 9 lbs sh. #AMP-612, \$79.50

Coils and Variable Capacitor removed from the TN-612 Preselector.

Two silver plated coil boxes each with six coils. The preselector was supposed to cover 2 to 30 mhz in 4 bands. 3 coils for each band. Each coil silver plated wire on epoxy from with ferrite slug is in its own compartment with a glass piston variable capacitor. 13.1x2.2x3.3, 7 lbs sh. #612-COILS, \$50.00



Three section fully shielded variable capacitor 35 - 300 pf per section. Each section is shielded from the others. The insulation material looks like ceramic. Very high quality. 10x2.7x3, 6 lbs sh. #612-CAP, \$35

Both Coils and the Variable Capacitor as listed above. #612-KIT, \$75.00

T-195 Transmitter

T-195/GRC-19 TRANSMITTER 1.5-20 Mhz AM-CW-FSK in ten bands manual or auto tune. Power output 100 W (1.5-12), 90 W (12-16), 80 W (16-20 Mhz). Uses two 4X150D tubes in power amp & 20 other tubes. Requires 22-30 VDC 42 amps input (9 amps "stand-by") for dynamotor supply. LESS METERS. With replacement knobs. Companion to R-392 receiver. 11.5x22x14.5, 135 lbs. #T-195, Used Repairable,\$275 MANUAL for T-195, partial repro, #MM-T-195, \$28.00 30" Power Connector, #CONN-T-195, \$20.00



MD-203 FSK Modulator



MD-203/GR Radio Transmitter Modulator for the T-195/GRC-19 Transmitter. The MD-203 is a link in a complete radio teletypewriter comm. system. The teletypewriter signals developed in Teletypewriter TT-98 are supplied through Junction Box J-668 to the MD-203. The MD-203 is connected

to the exciter section of the T-195 to produce shifts in the CW signal. Uses tubes 7/26A6, 1/26A7. Less knobs. 9.1x13.8x7.3, 26 lbs sh. #MD-203, \$28.

FAA Radios



TRX-103 UHF Solid State 3 channel, crystal controlled, AM Transceiver type FA-9606 covering the military aviation 225-400MHz band. Has built in speaker. 50KHz channel spacing. Transmitter output is 3

watt. Antenna impedance 50 ohms. Receiver IF is 21.4MHz. Requires 115VAC 60Hz or 24VDC. Crystals not included. Condition of internal battery AS-IS. 14.1x14.2x7.7, 43 lbs sh. Manual repro included. #TRX-103, Used Repairable, \$149.50

TRX-102 VHF AM Transceiver type FA-8979 is similar to above except covers 118-136MHz and requires 120VAC 60Hz or 12VDC. Crystals not included. Condition of internal battery AS-IS. 13.8x13.8x7.9, 38 lbs sh. Manual repro included. #FA-8979, Used Repairable, \$159.50

It is unlawful to operate on these frequencies unless you have a license to do so.

Aircraft Receiver

R-761/ARC-58 Receiver covers 2 to 29.999MHz, companion receiver and exciter to T-730. Req. 115 VAC 400 Hz input. 7.8x10.3 x23.5, 55 lb. #R-761, used, \$150.00



SCHEMATIC, #SCH-R-761, \$12.00

Control for freq-select; 6 lbs. #C-3141, USED, \$25



MODULES from AN/ARC-58 or TRC-75 radio sets. Each 4.8x4.5 x1.5, 2 lbs sh. USED-not tested:

AMPLIFIER DETECTOR, 4x 5899 tubes; p/o R-761, #AM-1523, \$20

ELECTRONIC CONTROL AMPLIFIER p/o T605/T-730 xmitter, #AM-1525, \$17.00

Similar to AM-1523, #AM-1526, \$20.00

AMPLIFIER-MIXER for R-761 with ten tubes and slug rack, #AM-1528, \$40; Schematic, #SCH-AM-1528, \$4

AMPLIFIER OSCILLATOR with Collins mechanical filter P455 Z1, #AM-1529, \$32.00

MIXER OSCILLATOR, for R-761; master oscillator 70H13A, interpolation, spectrum generator Mech filters F455 Q2 & Q3. #CV-465A \$62.00

Schematic for CV-465B. #SCH-CV-465A, \$12.00

BALANCED MODULATOR with mechanical filters F300 Z4 and F300 Z5, etc. #MD-286 \$40.

REFERENCE GENERATOR, #SG-179A/URC, \$40.00

Microwave Transmitter

AML-STX-141 Single Channel Microwave Transmitter 12.7 to 13.25 Ghz operation, 5 Watt output. Manufactured by Hughes. A VHF input of 50



- 450 mhz single sideband suppressed carrier is upconverted to the output frequency. This unit consists of a solid state source, Frequency Sources MS-800XEL-06 or equal, various waveguide bandpass filters and other components. Removed from service. W/ info. With interconnect cable and power supply, 20.3x19x10.2, 47 lbs sh., #AML-SXT-141, Used Repairable, \$200.00



Hughes AML Klystron Power Supply, Power input 95 - 130 VAC, Output -2200 VDC 130 ma and 6.3 vdc 1.3 amp current limited and adjustable. Meter

monitors output voltage or current. 16 x 19 x 5.25, 37 lbs sh. with info. Power supply only, #PS-141, \$50.00

CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

Collins 618T



COLLINS 618T-2 SSB AIRBORNE TRANSCEIVER, 2-29.999 Mhz SSB-AM-CW in 28000 channels. Power output: 400 watts SSB-PEP 125 W AM-CW; 52 ohm output impeded. Sensitivity SSB: 1

uv for 10 db S+N/N. Selectivity SSB: 2.85 KHz, 6 db down; 6.0 KHz 60 db. Audio input: 600 ohms. Uses two 4CX250's in P-A. Switch & meter monitor internal power. Separate control necessary for channel select. Racks & cables not available. Requires 115 V 400 Hz 3 phase 1 KVA & 1 phase 160 VA; also +27 VDC 4.5 amps. W/ manual repro; 7.6x10x22.2, 58 lbs. #618T-2, Used repairable with K9 osc, \$550.00

Like above but requires 28 VDC 35 A and 115 V 400 Hz 1 phase 100 VA. #618T-3, Used, \$695.00

618T power/control connector, no cover, #CONN-618T, \$45.00

MODULES FROM COLLINS 618T HF TRANSCEIVER, as removed from equipment--not tested:



AM AUDIO AMP has mech filter

F500 Y60 (526 9378); 2 lbs sh. #546-6053, \$45.00

IF TRANSLATOR has LSB-USB filters F500 Z4 (526 9377) & Z5 (526 9376). Mech. filter as used in PRC-47 to modify for LSB operation, #544-9286, \$99.00

KC- FREQUENCY STABILIZER, has mechanical filter F250 F100 (526 9410) and crystal filter X250KF440 (526 7006); 3 lbs. #618-KC-FRQ, \$40.

RF TRANSLATOR with K9 oscillator, 15 lbs. #618-RF-TR, \$200.00

618T RF Reference Osc. Module, includes 3 Mhz crystal oven which is divided to 500 KHz output, amplified and then divided again to produce 100 KHz output. 4.3x6x2.7, 2 lbs #528-0251-005, used, \$24.00



COLLINS 490T-1A (CU-1669A) AUTOMATIC ANTENNA COUPLER for 618T and similar 2-30 MHz transceivers; rated RF input 630 W PEP, 200 W average. Matches 25 ft or longer whip or 25-100 ft long-wire antenna to 50 ohm line. Terminal for wire and "C" coax connection. Has 5-500 pf 10 KV vacuum variable capacitor and variable step-coil. Requires 115 V 400 Hz; 7.6x 10.1x12.6, 24 lbs. #490T-1A, Used not tested, \$499.

Collins 618T URM-157 Test Set, Consists of TS-1949/URM-157 and cable which connects the TS-1949 to the 618T. The radio set control is part of the TS-1949. Has meter to indicate forward / reflected power 200/2000 watts. Also provides connections for microphone, headset, audio in, and key. Power input connector also provided. Connections for 516H-1, antenna coupler, DC in, AC out are on the test set (Webpage for available connectors/cables). 34 lb. #TS-1949-U, Used \$400; #TS-1949-UN, Unused \$895.00



TS-1949 only, less control box, 18 lbs #TS-1949-O \$150

ARC-51BX UHF Tx-Rx

RT-742/ARC-51BX UHF Aircraft Transceiver, 225-399.99 MHz AM in 3500 available channels, 50 KHz spacing; also has guard channel. Output 16 watts min. RF impedance 52 ohm input & output. Audio and mic impedance 150 ohms. Doesn't include ID-1003 SWR indicator; separate control box necessary for function & freq-selection. W/ tubes 4/ 7077 and 4/ 7544; requires 27 VDC 13 amps. 7x9.5x15.1; 35 lbs. #RT-742, Used, \$199.00



ARC-105 HF Radio



RT-712/ARC-105 HF TRANSCEIVER, pressurized 618T2; modules interchangeable. Covers 2 to 29.999 MHz SSB-AM-CW in 28000 channels. Front has hour meter, C and BNC connections. Separate control needed for freq-selection. Connectors not available; Requires 115VAC 400Hz 3 Phase. 10.5x 11.5x23, 70 lbs. #RT-712, Used, \$350.00

500 KHZ IF AUDIO AMPLIFIER, IF and Audio Module from Collins transceiver. Four stage 500KHz IF amplifier w/6 khz collins filter, AGC Detector, Low level audio amplifier. Also has 3 transistor microphone amplifier as part of its function in the transceiver. Power req. IF amp 18 VDC, Mic amp 24 VDC. w/schematic, info, power connector. #105-AA, \$37.95

Precision RF Oscillator Module produces 500 KHz and 100 KHz reference signals from a temperature compensated 3 Mhz crystal oscillator. Requirements were 3 Mhz +/- 2 Hz, 500 KHz +/- 0.4 Hz, 100 KHz +/- 0.4 Hz. Operates from 18 VDC. w/schematic, info, power connector. #105-OSC, \$35

IF TRANSLATOR MODULE FROM COLLINS ARC-105, pressurized version of 618T HF TRANSCEIVER, IF TRANSLATOR module has LSB-USB filters F500 Z4 (526 9377) & Z5 (526 9376). This unit provides the mechanical filter used in the conversion of the PRC-47 transceiver to allow LSB operation. Removed from equipment not tested. 4.3x2.9x4.7, 4 lbs sh. #105-IF, \$70.00



From ARC-105 115V 400Hz 3 Phase Power Supply Module produced 1500 VDC for 400 Watt PEP transceiver using 2/7204 tubes, and 250 VDC 70 ma. 10.3x4.3x4.8, 13 lbs sh. #105-PS400, \$30.00

HF Power Amplifier from ARC-105, 400 W PEP 125 W AM 2-30 mhz in 8 bands. Module has two 7204 tubes and associated output tuning circuitry. Band selection is controlled by 28 vdc motor. The grid tuning circuitry is NOT part of this module. Output inductor is tuned with 115 v 400 Hz motor. Requirements 1500 VDC, 28 VDC, 27 VAC filament, 115V 400 Hz. #PA-105, \$140



Sonobuoy Receiver



R-962/ARR-52A VHF RECEIVER 162.5-173.5 MHz AM, FM and video using 31 crystal-controlled channels. Solid-state sonobuoy receiver consists of five plug-in modules; 26 MHz 1st IF, 5 MHz 2nd IF. Conversion possibilities for 2 meters, VHF weather, satellite TV, etc. (See Oct '74 CQ Mag.)

Requires external control and 18 VDC. 7.5x2.5x10, 9 lbs. #R-962, Used, \$19.95. SCHEMATIC, #SCH-R-962, \$7.00 w/ set. Manual repro for ARR-52, 52A, #MM-ARR-52, \$23.00

243 MHz Receiver

Transistorized Guard Receiver from modified RT-178/ARC-27 (5821-953-9695) UHF transceiver. One channel in 238 - 248 mhz range. IF's 25.1/3.48 Mhz. Has detector, noise limiter, AVC. 4/2N1745 transistors and 25.1 mhz filter. 8 x 4.5 x 4, 6 lbs sh. No Schematic. #ARC-27, used, \$20.00



ARC-60 Items



R-19 AIRCRAFT RECEIVER, 118 to 148 MHz AM continuously tunable, but does not have dial; tuned remotely using control box with MC-215 flex spline (not available). 15 MHz IF; binding post & BNC antenna connections on front. Tubes 12A6, 14A7, 14F7, 2/14R7, 9002, 3/9003. Same as R-19; p/o AN/ARC-60 & ARC-type 12. Requires 250 VDC 60 ma & 28 VDC. 6.5x5x11.8, 15lbs. #R-508, Used \$23.00

O-423/AR Oscillator-Relay provides 1KHz tone for "whistle-thru" tuning of ARC-60. 3.9x5x2, 3 lbs. #O-423, Unused, \$10.00



AT-701/ARC-60 UHF Antenna is a quarter-wave, base fed, inverted L-type design 6" vertical x 7" horizontal x 1/4" diameter, 2 lbs sh. #AT-701, Used, \$12.00

ARC-109 Transceiver

RT-749/ARC-109 UHF AIRCRAFT TRANSCEIVER, solid-state Collins unit operates on 225-399.95 MHz AM, DSB and A3 phone @ 30 watt min. 3500 available channels in 50 KHz intervals plus 243 MHz guard channel. Uses 4631 tube in P-A; 150 ohm audio/ mic impedance. C-6364 control necessary for channel select; cables & racks not available. Replaced ARC-27-34-51-52. Requires 115 V 400 Hz 3 phase. 6.8x9x16, 29 lbs. #RT-749, Used repairable, \$395.00



SCHEMATICS f/RT-749, repro, #SCH-RT-749, \$15.00 CONTROL, used, #C-6364, \$55.00 w/set purchase.

FM Transceiver



MAGNAVOX FM-622 (RT823/ARC-131) Airborne Transceiver, covers 30-76 Mhz FM in 920 channels, 50 KHz steps. Output 1 watt in LO; 18 W max HI @ 29 VDC RT has Squelch Disable & Adjust, Test switch. Meter monitors +24 V+16 V-AGC-RF FWD-RF REFL-OFF. Control box provides channel select, Volume, Squelch, OFF-TR-RE-TRAN HOME switch. Has some modules common to RT-524/VRC-12. Requires 24-29 VDC 4 amp max. Rack & cables are N/A. 7.8x5.9x15.6, 31 lb #FM-622, Used w/control box, \$295.00

Collins VHF Tx-Rx Set

AN/ARC-73 AIRCRAFT RADIO SET designed by Collins; consists of T-879 (17L-7A) transmitter, R-1123A (51X2B) receiver, C-4074 (614U) control and MT-2699 rack. T-879 covers 116 to 149.95 MHz AM in 50 KHz steps (680 channels) with 25 watt output to 133.95 MHz and 20 W min. above. Sidetone level 100 MW into 500 ohms; mic impedance 100 ohms. R-1123A covers 108 to 151.95 MHz in 50 KHz steps (720 channels). Sensitivity 3 uv; audio output 500 ohms. Both have antenna input impedance of 52 ohms and require 27 VDC (7.3 amp max transmit) power. Both utilize tubes and transistors. C-4074 control sets frequency on mechanical counter and has Volume, Squelch, and On-Off functions. Mating connector not available. Less MT-2699 mount. Operator's manual and schematics included; 9.5x8.5x16, 40 lbs. #ARC-73, used, \$189.50



TRANSMITTER only; 20 lbs #T-879, Used, \$79.50 RECEIVER only; 19 lbs sh. #R-1123A, Used, \$85.00 CONTROL BOX for frequency select, volume control, etc; w/ set purchase. #C-4074, Used, \$25.00

PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

ARC-54 Transceiver



RT-348/ARC-54 VHF Aircraft Radio Set, FM unit covers 30-69.95MHz in 800 channels with 50Hz spacing, 10W, X-mode capable, 27.5VDC at 7 Amps, Mfg by Collins. 15x5x7.7, 25 lbs sh. #RT-348, Used, \$199.50

Test Panel

Test Panel for Wilcox 807 VHF transceiver with control box 97733-100, ITT Cannon connector for rear of Wilcox 807, test points for the following: Data Link input, 0 dbm input, mike input, data link output, receiver output, sidetone output, detector meter, detector input, scope output. Mike, sidetone, and receiver audio jacks. External squelch; on/off, control, disable. Audio on/off. PTT disable. Overall dim., 15.8x22.2x8.8, 32 lbs sh. #807-TP, Used, \$135.



Test cable with male/female connectors to extend Wilcox 807 radio with antenna. Length approx 3 ft. #807-CABLE, \$35.00

Control box for Wilcox 807. #97733-100, \$59.50

Rack Cabinet only from above less the front panel, control box and cables. Has a 7" height opening and an allowance of 14" deep. Has louvered sides. The top of the cabinet opens for easy access. Has 2"Hx20"W hole along the base of the rear of the cabinet. 28 lbs. #807-RACK, Used, \$45.00

GRC/VRC Equipment



RT-68/GRC TRANSCEIVER, 38-54.9 MHz FM continuously tunable or 100 KHz-step channels. Receives and transmits both voice and 1600 Hz ringing FM; range 10-15 miles. Receiver circuit has variable 1st IF 4.45-5.45

MHz and fixed 1.4 MHz 2nd IF; also squelch and 600 ohm audio output. Transmitter uses crystal-controlled oscillator and oscillator power amp; power output 2 watts (LO) or 15 W (HI). Also meter to monitor xmitter filaments and 90 V input. Requires PP-109 or -112 power supply. Tubes 4/1U4, 2E24, 2/1A3, 2/1L4, 4/1R5, 2/1AE4, 1S5, 4/3Q4, 3A4, 3/3A5, 2/3B4, 6AK5. 9x13x11.3, 42 lbs sh. #RT-68, USED, \$130.00 TRANSCEIVER, 20-28MHz, #RT-66, USED, \$100.00

PP-112/GRC 24 VDC SUPPLY for RT-66-67-68 transceivers; provides all voltages from 24 VDC 6.5 amp input. Case may have casting chip(s); 7.3x9x13, 39 lbs sh. #PP-112, USED, \$32.00.



PP-109 Supply, 12 VDC 12 A input. #PP-109, Used, \$40

#CX-1211 INTERCONNECT CABLE, RT: PP units, \$14



R-108/GRC RECEIVER, 20 to 28 MHz-FM continuously tunable with variable squelch; 4.3 MHz I.F. Audio output: 600 ohms. RF input: 50 ohms. With tubes 3/1U4, 2/1L4, 1A3, 2/3A4, 1S5, 2/3Q4, 2/6AK5 & 0B2. Requires 135 VDC @ 70 MA. and 6.3 VDC 2 amps. 7.5x9x13; 32 lbs sh. #R-108, Gov't-Reconditioned, \$65

R-109 RECEIVER, same as R-108 except 27-39 MHz. #R-109, Used, \$55.00

R-442/VRC Receiver

R-442/VRC RECEIVER 30-75.95MHZ FM RECEIVER. 920 50 KHZ CHANNELS. Has noise and tone operated squelch. Normally used with antenna system AB-15, MS 116, 117, 118. Power connections through MT-1898 mount and DC power cable, CX-4720 which are included. 13.5, x 5.8 x 8.9, 31 lb sh. #R-442, Used Repairable \$300.00



Vintage Radios !!!

VINTAGE RADIO LINE ITEMS see our website www.fairradio.com/Vintage.htm for current stock. At time of printing we had these items in stock. All items are used not checked.

ARC-1 VHF Transceiver \$115.00

BC-433 Compass Receiver \$170.00

R-5/ARN-7 Compass Receiver \$170.00

BC-375 / BC191 Tuning units - email us

RT-82 / APX-6 IFF Transceiver 800 - 1300 Mhz \$100.

RT-178/ARC-27 UHF Transceiver w/ control box, \$145

C-847 VRC19 Speaker/Control \$35.00

USB Receiver-Exciter



RT-662/GRC-106 TRANSCEIVER, 2 to 29.999 Mhz USB-AM-CW-FSK; tunes using 5-decade mechanical

switches to 1 KHz steps + vernier. Exciter output 100 MW. Controls: Service Selector, PA Load, Squelch, Noise Blanker, BFO and audio functions. LESS Signal Level meter. Requires 24 VDC 10 amp; 7x18x13, 56 lb sh.

#RT-662-UR, Used Repair. not tested/LESS meter, \$300

#RT-662-CH, "Checked" w/ meter (not original), \$500

RT-834/GRC-106A, similar to RT-662 above but 2-29.9999 MHz, 0.1 KHz increments. Used:

#RT-834-UR, Repairable no meter, \$350.00

#RT-834-CH, Checked with sub meter, \$550.00

GRC-106 MODULES for RT-662 and RT-834, most modules available except 1A3 Freq-Standard removed from "used" radios. 2 lbs sh.

Price: UNTESTED, \$20 ea. Add \$20 per module for "CHECKED" modules. #MOD-(specify module #-) (specify RT #-) (untested "UNT" checked ("CH")

AM-3349/GRC-106

POWER AMP for RT-662/834; amplifies 100 MW RT output to 200 W AM or 400 W PEP. Uses two 4CX350FJ tubes.

Requires 28 VDC 1 KW max; 77 lb

#AM-3349-UR, Used Repairable w/ original meters, \$850

#AM-3349-AI, Used As-Is, less meters, \$450.

Manual, partial repro GRC-106/106A, #MM-GRC-106, \$45

Operator's Manual, GRC-106/106A, #OM-GRC-106, \$15

HANDSET, #H-33, used-checked, \$22.95

MIC, #M-29B, used, \$14. Headset, #H-227, \$20.00

MOUNT & SIDE PLATES, 25 lb. #MT-3140, Used, \$40.

INTERCONNECT CABLE, #CX-10099, used, \$23.00

ANTENNA CABLE, 4 lbs. #CX-10171, Used, \$25.00

TELETYPEWRITER, 100 lbs, #UGC-74, Used, \$95

TRC-68 Transceiver



RT-441B/TRC-68

Transceiver 225-400 Mhz AM. 1960's vintage transceiver, basically same as RT-323/VRC-24, rated 16 watts minimum 225 to 400 Mhz. As pictured, no case, no dynamotor/power supply. Voltages required 26.4vdc 125 vdc 300 vdc. Utilizes the following tubes. 7/5670 10/5654 6442 4x150d 7554 6/6j4 6/5670 4/ 5763. 15.2 x 9.5 x 10.2, 47 lb sh.

#RT-441, Excellent condition \$200.00

Manual Repro, #MM-TRC-68, \$40.00

#MT-1436 Terminal Box less cover. Unused, \$20.00

2-12 MHz USB 100 Watt



RT-671/PRC-47 HF TRANSCEIVER, 2 to 11.999 MHz USB (voice and CW+800 Hz) in 1 KHz steps. Output 100 watts PEP (Hi) or 20 W

(Lo). FSK possible with accessory converter (not available). Transistorized except for PL-177WA tube in power amp and 5907, 7761, and 7905. Has 5-place mechanical digital tuning, P-A Load and Tune controls, and XMTR Output Meter. Designed for field or vehicular use; operates from either 24 VDC 20 amps or 115V 400 Hz. 7x21.3x13.5, 45 lbs.

#RT-671-UR, Used, \$175.00

#RT-671-CH, Used Checked, \$350.00

MANUAL for PRC-47, partial repro, #MM-PRC-47, \$30

LONG-WIRE ANTENNA, 3 lbs., #AS-1321, \$23.00

HANDSET, #H-33, used-checked, \$22.95

"Y" CABLE for H-233 to RT, #CX-8396, \$12.00

Battery Cable, #CX-8395, \$14.00

BACKPACK FRAME only w/ harness, #PRC-47-BF \$15.00

ALUMINUM TRANSIT CASE, 65 lb #CY-3700, \$56.00

TUBE USED STT, #PL-177WA, \$30.00

MODULES from PRC-47 transceiver. Used not tested:

AUDIO AMP has mic, sidetone, vox & compressor circuits of TX; AGC & audio for Rx. Requires 20 & 24 VDC. 4.3x4.3x2.8, 2 lbs. #AM-3506, \$17.00



AMPLIFIER MODULATOR contains LSB 500 KHz mech filter F500-Z5 (#526-9376) plus balanced modulator and product detector. Requires 20 VDC; 4.3x4.5x1.3, 1 lb. #AM-3507, \$40.00

Connector set. #AM-3507-CON, \$7.00

CONTROL OSCILLATOR, 3 lbs. #C-4311, \$30.00

SIGNAL DATA TRANSLATOR with tubes 5907, 7761, 7905; 5 lbs sh. #CV-1377, \$46.00

RF OSCILLATOR contains 3 MHz crystal in oven; produces 500 and 100 KHz outputs. Requires 20 VDC; 4.3x4.5x1.3, 1 lb sh. #O-1032, \$23.00

POWER SUPPLY, 16 lbs sh., #PP-3518, \$29.95

PRC-41 Manpack



RT-695/PRC-41 UHF MANPACK UHF TRANSCEIVER, 225 to 400 MHz AM in 100 KHz steps counter; output at least 3 watts over range. Also has guard channel, Volume, Squelch, and U-77 connection for H-33 handset. Solid-state except for tubes

6442, 4/7077, and 4/7544. Requires 24 VDC 3 amps; 14x11.3x4.5, 22 lb. #RT-695, Used, \$169.50

Used Checked, #RT-695-CH, \$345.00

Manual for PRC-41, partial repro, #MM-PRC-41, \$23

HANDSET, #H-33, used-checked, \$22.95

VEHICLE MOUNT for PP-3700, 4lb., #MT-2977, \$11

Eastern Block Radio

The Russian Tube Type Radio R-105M was intended for use by infantry units. Operating in one continuous band on 36-46.1mc, with an intended channel spacing of 25 or 50kc. RF power output is rated at 1 watt, FM. Power is derived from two internal Nicad batteries. Durable bakelite housing. Removeable front and back covers. With accessories. 12.3x5.5x11.7, 23 lbs. #R-105M, Used, \$295.00



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PRC-25/77 Backpack Radio



RT-505B/PRC-25 TRANSISTORIZED BACKPACK TRANSCEIVER, 30-75.95 MHz FM in bands 30-52.95 MHz (Lo) and 53-75.95 MHz (Hi) with 50 KHz spacing.

Output: 1.1 to 2.0 watts; 150 Hz squelch. Transistorized except 2DF4 tube in power amp. Requires 3 VDC 400 ma and 15VDC 1.4 amp supplied by BA-4386 battery. RT-505B has modified A25 audio module for broadband use with C-7673/PCC-1 and CU-2194 diplexer. 4x11x14, 18 lb #RT-505B, Used, \$350 RT-841/PRC-77, Similar to above, #RT-841, \$625.00

Manual for PRC-25, partial repro. #MM-PRC-25, \$23.00 Manual for PRC-77, partial repro. #MM-PRC-77, \$23.00 Backpack Harness. #ST-138, Used Excellent, \$40.00 RIBBON ANTENNA, #AT-892, used, WRITE BATTERY f/ PRC-25-77, "weak" #BA-4386, 3/\$6.00 BATTERY, 1995 X-date (no UPS or air), #BA-5598, \$7.00 ACCESSORY BAG, used, #CW-503, \$8.00 HANDSET or = for PRC-77/25, #H-250, Used, \$23.00 Original Op's Manual f/ VRC-53 (PRC-77 & AM-2060) #MM-VRC-53, \$23.00

AN/GRM-55 TEST SET, used to check test points in modules of RT-505/PRC-25 transceiver and to isolate circuit problems.



(Indirect tests only of modules A2, A12-13, A19-20.) Includes TS-1755 test unit, MX-4622 probe, and CG-409 BNC cable. Requires 12.5 VDC 1 W per 5 sec test. 5.5x7x8, 10 lbs sh. #GRM-55, Used, \$55.00 As above except w/ test cable CX-8593, \$75.00

6 Meter Diplexer



CU-2194/URC DIPLEXER, passive two-port notch filter and combiner network; allows simultaneous use of two transmitters, receivers,

or transceiver on a common antenna provided that operating frequencies are slightly offset. Usable over 30-76 MHz FM for use with PRC-25-77 & VRC-12 transceivers; will work with commercial 6-meter equip. Has NULL METER, TUNE controls, Fine-Coarse-Monitor MODE Switch and RT1-RT2 BNC connections. Unit may function as man-portable relay terminal. Maximum RF power to each channel: 65 watts cont. Operational isolation: 45 DB min @ 2 MHz separation. Insertion loss: 2 DB max; VSWR 2.0:1 max. 4x11x7, 10 lbs. #CU-2194, Used, \$45.00; #MM-CU-2194, Original Manual, \$14.00

PRC-75 Radio

RT-976A/PRC-75 UHF TRANSCEIVER, rugged handheld ground-to-air tactical synthesized radio covers 225 to 399.95 MHz AM-CW in 50 KHz steps (3500 channels). Power output >1 watt. Has three thumb operated dials to set frequency; design frequency accuracy 1 part / 100000. Also has 1000 Hz audio beacon-DF tone. RF input 50 ohms; audio output 600 ohms. Requires 18-30 VDC from battery pack (not supplied); no accessories; 1.6x4.3 x8, 6 lbs. Look nice, complete but not working. #RT-976A, Not repairable "As-Is", \$85.00



ANTENNA ADAPTER, allows for BNC coax antenna connection. #UG-1884, New, \$12.00

CV-278 Freq Shift Converter

CV-278/GR Frequency Shift Converter for the R-392 HF Receiver. Converts frequency shift signals to neutral or polar marking or spacing DC impulses. 450-500 KHz input, 20/60 ma or polar output for teletypewriter. Uses tubes 8/26A6, 2/26A7. 9.1x13.8x7.3, 22 lbs sh. Less meters & knobs. #CV-278, Used, \$30.00



PRC-6 Handheld



RT-196/PRC-6 FM TRANSCEIVER, Israeli 1950's vintage single-channel crystal-controlled in 47 to 55.4 MHz range. Output good to about 1 mile depending on terrain and weather conditions. Handheld unit has push-to-talk switch, Volume Control, ribbon antenna, carrying strap and connection for H-33 handset. Uses CR-23 crystal (not included). With tubes 6/ 5678, 3B4, 3/5672, 2/5676 and 2G21. Requires 1.5, 45 and 90 VDC usually supplied by BA-270 battery (not available). 15x5x4.5, 6 lbs, #PRC-6, Used, \$120.00

Original Manual for PRC-6, #MM-PRC-6, \$12.00

Crystals for PRC-6, #PRC-6-CR-(freq.), 51.0 to 54.0MHz Radio Frequency, \$22.00 ea All others frequencies are \$12.00 ea

PRR-9/PRT-4 Radios

Specify 1st, 2nd and 3rd choices of desired frequency. GOV'T-RECONDITIONED each single channel with crystal for 51 Mhz FM: PRR-9 RECEIVER with earphone, antenna, & operator manual. Requires 5 V 25 ma battery power; 7x3.5x1.5, 3 lb. #PRR-9-GR, \$50.00



Manual repro for PRR-9/PRT-4A, #MM-PRR-9, \$18.00

Horn speaker for PRR-9. #PRR-9-HO, Unused, \$6

AN/PRT-4 w/ antenna & battery box, Used less crystal, #PRT-4, \$23.00

AN/PRT-4 "AS-IS", less crystal, antenna, & battery box; for parts or experiment, #PRT-4-AI \$10.

PRC-90 TEST SET

AN/PRM-32A RADIO TEST SET for AN/ PRC-90 UHF & PRC-106 VHF survival radios. Requires one radio as receiver and another as transmitter. Tests 243 MHz frequency for beacon, transmitter MCW-voice and receiver outputs. Also Tx-Rx voice outputs for 282.8 MHz (PRC-90) and 121.5 MHz (PRC-106), earphone & battery test. Has 1.8" square meter with Red-Green scale, TX-Rx connector adapters for hook-up & operator's info. 3x 5x4, 3 lbs. #PRM-32, Used, \$32.95 Manual repro, #MM-PRM-32, \$10.00



ARC-34 Test Set

AN/URM-76A Radio Test Set for ARC-34 radio can be used as a DC voltmeter with the following DC voltage ranges: 1.5, 5, 15, 50, 150, 500. Uses 3.5 inch 50 micro amp DC meter. Case containing meter, 1% precision resistors, 20 position test switch, probes, aluminum case with cover. The unit can be easily modified for other test uses. 4.3x8x7.5, 8 lbs sh. #URM-76, Used good condition w/ schematic, \$21.95



Military Battery Tester

TS-183 Battery Tester. Checks a large number of different military batteries for radios such as PRC-6, PRC-10, PRC-25, BC-620/659, GRC-9, and many more. For a complete listing of the batteries see our website at www.fairradio.com/ts-183.htm. 10.2x15.3x7.4, 18 lbs sh. #TS-183-U, Used, \$35.00 #TS-183-GR, Gov't Recon., \$59.95



PRC-127 Battery Charger



Ni-Cd Battery Charger for the PRC-127 radio. Once the charging function is complete, the unit will automatically switch to a trickle rate to maintain the charge without overheating the battery pack.

Has indicator lights for charge in progress and fully charged. Input power 15W. Slow charge rate 60 mA - 140 mA. Fast charge rate 700 mA - 1100 mA. Requires 115/230VAC 50/60Hz. 6.8x3.3x3.4, 6 lbs sh. #CHARG-127, Used, \$35.00

BB-490 Battery/Charger

Lead Acid Battery Pack with Charger, consists of two BB-490 military batteries each rated 24VDC (2x12 VDC) 1.8 Amp-Hrs @ 0.35 amps; AM5-H6 charger fits on top of BB-490 or similar batteries and shows "charging" and "ready" on LED indicators. MPS-CH2 charger power supply output 16VDC 1.5 A from 115V 60 Hz input. BB-490 used in PRC-104, etc. radios; 4.3 x 5 x 2.5. Kit 9 lbs sh. #BB-490, Unused, \$20.00; 3 for \$50.00



Military Batteries

BA-5598 LITHIUM BATTERY for RT841/ PRC-77 radio; output 12.5 VDC. Two BA's fit RT battery box. Has discharge switch to make non-reactive after final use; 1995 expire date. Class 9 hazardous item; USPS Shipping ONLY. 3.5x4.8x2.1, 2 lbs sh. #BA-5598, Unused, \$7.00



Rechargeable Nickel Cadmium Battery for PRC-68/68B/ 126/128 radios. 15 Volts 0.80 AH at 0.16 A. Date Code: 11/89. 1.5 x 4.3 x 4, 3 lbs. #406870-1, Unused, \$37.50



Military Nickel-Cadmium Battery Pack, four D-cell batteries in plastic pack produces 4.8 V 3.2 amp-Hr; 3/80 date code. 3.5x5.5x1.5, 3 lbs. #4D2704, 5 for \$10.00

BA-48 Battery for GRC-9 Receiver section. +90V & 1.5V. Date code is 0486. No stains. 8 lbs sh. All check weak! #BA-48, \$6.00

Battery Boxes

CY-7541/PRC-104 BATTERY BOX, plastic box clips onto PRC-104 backpack radio set and will hold 16 silver-zinc (or =) batteries that provide 20-32 VDC. Side unscrews to insert batteries; 3.8x12.5x2.6, 4 lbs. #CY-7541, unused, \$22.00



CY-744 Battery Box for the PRC-10 backpack radio. 9.4x9.7x2.5, 4 lbs sh., #CY-744-U, Used, \$35.00



AA-BATTERY BOX for Trimble Navigation Trimpack GPS receiver. Clips onto & allows operation of GPS from 8 - AA batteries (not included). 1.6x 6.5x1.5; 1 lb. #GPS-13828-00, NEW, \$25.00



GRC/PRC Battery Test

AN/PSM-13 BATTERY TEST SET; checks GRC and PRC-type battery packs BA-270, -279, -376, -377, -4386/ 398/ PRC-25, -399, and -505. Meter indicates BAD-GOOD (FS=1 MA). With adapters U-240, -241, -314, -315, -347, -410 & canvas case. 7 lbs. #PSM-13, Used excellent, \$28.00



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GRC-109 Supply



PP-2684/GRC-109 POWER SUPPLY provides voltages for RT-3/T-784 and R-1004/RR-2 from 75-260 VAC 40-400 Hz or 6 VDC 13 amp input. Meter monitors AC input; connections for RX and Tx. 10x8.5x5.5, 28 lbs sh.

#PP-2684, Used, \$35.00

PP-2684A, Similar to above except larger case with snap closures. #PP-2684A, Used, \$37.00

Manual for GRC-109, partial repro, #MM-GRC-109,\$23

VOLTAGE REGULATOR, for use with G-43 generator and R-1004; 6 ft cord with PL-244 plug; 4 lbs sh. #CN-690, Used, \$35.00

GRC-213 Amp / Supply

AM-7152/GRC-213 Amplifier / Power Supply / Squelch unit. The unit increases



audio output and provides squelch circuitry for the AN/PRC-104, which the transceiver does not itself incorporate. It also provides DC power for the PRC-104. The AM-7152 may be used with the RT-1209/PRC-104 to provide audio and squelch without the entire GRC-213 set, or with any other HF/SSB transceiver that does not have squelch capability of its own such as the AN/PRC-74 or AN/PRC-47 sets. Requires 24VDC. 10x12.5x3.5, 14 lbs sh.

#AM-7152, Used, reparable, \$265.00

PRC-41 Power Amp



PRC-41 UHF Power Amp AM-6669 RF Power Amplifier, designed for use with PRC-41 transceiver, but usable with other 225-400MHz xmitters such as PRC-66, ARC-45, etc. Power output: 10 watts from 2-3 W input; "N" connections

Solid-state; 24 VDC required. 5.3x6x9.8, 10 lbs sh. #AM-6669, Used, reparable, \$285

600W Power Meter

ME-165/G STANDING WAVE-RATIO POWER METER, designed for use

with T-368 400 W transmitter; uses 12/ 600 ohm 50 W non-inductive resistors in parallel to provide 52 ohm 600 W load with SWR of 1.1:1 or less upto 30 MHz. Has 0-600 Watt meter, function switch Power-Adjust-SWR-Operate, & N connections. Flanged on back for wall mount. 1.5x9.8x9.8, 20 lbs.

#ME-165, Gov't-Recon, \$150.00

Manual repro, #MM-ME-165, \$12.00



HF Radio Modem



Thrane & Thrane TT-1185 Radio Telex Modem. Mark / Space frequencies adjustable from 1Khz to 3 Khz. Phase continuous AFSK Keying. RS-410 type N Radio Control. Power input 90 to 240 VAC 50 - 400 hz, 20VA. 15.5x19x3.5, 16 lbs sh. #TT-1185, Used excellent, \$75.00

BC-1000 Accessories



Dummy Antenna module. Used for adjusting and testing the BC-1000 transmitter output. Has a light indicator to show optimum setting. #A-28, Unused, \$10

ID tag for BC-1000. New Reproduction, #ID-1000, \$20

Decal set for BC-1000. New Repro, #DCL-1000, \$30

Impedance Matching Antenna Adapter. Adapts the BC-1000 to a coax cable. Used, #TM-217, \$7.50



ARC Type Connectors



Hard to find ARC connectors for the WW2 Command Sets and later ARC Type 12 Radio Sets. Some of these connectors can be used as is. Some need to have guides filed off. Much information is in the Tauson book, "A Users Guide to Aircraft Radio Corporation Receivers." Also see the ARC connector catalog reproduction. Connectors are unused unless marked Used. "M" designates Male and "F" female.

ARC #	pins	m/f	Works with	Price
16743	12	f	CV431	\$17
14320	19	f	C25 Control	\$14
12370	2	f	TYPE 12 15 Power	\$12
12427	2	m	Chassis Type 12 Rec 15 Rack	\$12
14052	4	f	T11 13 Power	\$17
12337	4	f		\$12
16104	4	f		\$14
12338	8	f	15 & Command Racks w/ Mod.	\$17
15912	8	f	Modulator Command Rack	\$17
14050	8	f	T11,13 Mod / Command Racks	\$17
12097	8	m	Chassis type	\$12
PL-151	6	f	Modulator and Receiver Rack	\$17

A User's Guide to ARC Corp Receivers - by M.

Tauson; ARC-5, ARC-type 12 etc, #BK-USERS, \$12

ARC Connector Catalog repro, #CAT-ARC, \$6.00 each

Vintage Connectors

PL-58	EE-8	\$7.50
U-31	EE-8	\$6.50
PL-59	BC-191 / 375	\$14
PL-64	BC-191 / 375	\$21
PL-134	RU-18	\$17
PL-164	2 f SCR-522	\$14
PL-167	4 f SCR-522	\$14
PL-169	12 f SCR-522	\$14
PL-171	6 f SCR-522	\$14
PL-172	2 f SCR-522	\$14

Three pin connector pair. MS3114E8-3S chassis male and MS3116P8-3P cable female connector pair for audio or low current voltage use. Wire can be easily soldered to the gold plated pins. These connectors lock together with a half turn cam action. They will not come apart from vibration. Excellent for use in vehicles and high vibration applications. Removed from unused equipment. #3PIN-PR, \$18.00 per set



GRC/VRC male connectors, specify type & equipment used. #CON-(equip)-(strain="st" crimp="ct") Used-cut-offs: Strain type, \$12 each; Crimp type, \$6

Audio Connectors: #U-77, \$5; #U-79, \$10; #U-229,\$6

Terminal Panel

Military Terminal Panel with ten heavy duty push terminals with insulation and 5 pin military audio connector U-183/U that mates with the U-229 as used on many military radios. Also has 4 pin male power connector MW20M(M)A00 M55181/2-01. The two connectors have rubber protective covers to resist moisture and dirt. 1.9x6.6x4, 3 lbs. #TP-10, Removed from unused equipment. \$19.95



GRC-9 Accessories

Leg and seat for GN-58. #LG-2B, Gov. Recond, \$55
LG-3B Leg for GN-58. Used, PRICE PER LEG \$45.00



Crank handles for GN-58 generator. #GC-7, Used, \$40.00 per pair

Mating power connector for BC-223, #PL-149, \$21.

Antenna Base. 2 lbs sh. #IN-127, Used, \$35.00

Bracket attaches IN-127 base to RT-77 radio, French made #FT-515-FR, Used, \$6.00

As above but made in the U.S.A. #FT-515-US, \$10

Vehicular Mount for RT-77, #MT-350, Used, \$25.00

Cover for RT-77/GRC-9, #CW-140, Used, \$18.00

Long Wire Antenna "As-Is", may have wire breaks: #AT-101, 4.3-12MHz, \$16; #AT-102, 2-4.3MHz, \$18

#MM-GRC-9, Original Manual for GRC-9, \$18.00

Radio Cables

CX-4721 Extension Cable for DC power 5ft. Unused,\$17

CX-4722 VRC Control Cable, 15 feet, \$18.00

CX-4723 VRC Control Cable, 4 foot, \$14.50

CX-7059 Cable C-2742 to RT-246, Unused, \$22.00

CX-7867 AUDIO CABLE, 25' U-229 /-228, \$12.00

CX-11016 2/19 pin male connectors 6 ft. Unused, \$12.

CX-12991 KY-57 to PRC-77 CRYPTO cable NSN 5995-01-058-2513. Used, \$14.00

CX-13089 Vehicular power cable for use with MX-7777 or vehicles with 3 pin power sockets. 5 ft 4 conductor #14. Unused, \$12.00

Vehicle power socket 3 pin female to mate with CX-13089 cable. #CONN-13089, Unused, \$14.00

Vehicular power cable for use with MX-7777 or vehicles with 3 pin power sockets. 5995-01-119-9271 4 conductor #14 12ft. Same connectors and pinout as CX-13089. #CBL-13089-2, Unused, \$17.00

#CX-13134/U DC power cable 3 pin connector fits MX7777, Crown CC229935-2P, and 4 pin PTo6E-8-4S. Unused, \$14.00

#CX-13143 6 Ft DC power Cable for the AM-4979 and AM-6747 amplified speakers. Unused, \$14.00

#CX-13306/VRC Sincgars Power Cable 2 ft, \$18.00

Crypto Cable RT-1209 PRC-104 to KY-99. 2 feet. #CBL-104, Used, \$20.00

#SM-D-915890 Battery back up cable for UGC-74 MS3116E-12-3S, other end fits the batteries used with PRC-25/77. Unused, \$17.00

U-77 to U-229 Coiled Audio Cable. 8 foot long stretched. #SM-D-875498, Unused, \$17.00



Adapter, 33" cable with a U-77 audio connector on one end and two U-79 connectors (mates to U-77) mounted on a panel box on the other end. #J-654, Used, \$14



Vehicular DC power splitter. One male connector & 2 female connectors. #CBL-VEH, Unused, \$30.00



Spanner Wrench

Spanner Wrench for Military GRC Connectors. Fits the retainer ring on the GRC and VRC connectors. Makes it much easier to take those connectors apart. Set contains the following sizes: 0.6", 1.25", 1.45", 1.6", 1.85". 1 lb sh. #SPAN-GRC, Rusty needs cleaned. \$16.95



MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

Radio Mounts



MT-1029/VRC Vehicular Mount for RT-246 & RT-524/VRC -12 transceivers. 5x12.5x16, 19 lbs. #MT-1029-U, Used, \$35.00; #MT-1029-GR, Gov't-Recond., \$60

MT-1898/VRC Mount for companion R-442 receiver 5x6x12.3, 15 lbs. #MT-1898-U, Used, \$30; #MT-1898-GR, Recond., \$38

ARC-164 MOUNT, retrofit ARC-164 into ARC-34 mount. Rear rack connector & front plug for ARC-164. 5x13.8x11, 11 lbs. #MT-6147, Used, \$30.00

MT-300 Mount serves as support for the RT-70/AM-65 radio system and as a junction box for interconnecting the RT-70 and interphone amp with control box C-375 (page 9). Also, inter-connects the vehicular power source and the power supply within the amp. 13x8.3x3.1, 13 lbs. #MT-300, Used poor, \$75



Robinson Aviation shock mount 848-2. Looks like its good for about 5 pounds. For base 5.5 x 7.5 inches with screw clamp on front. 2 lbs sh. #848-2, Used, \$12

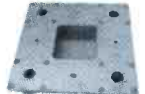
TCS Transmitter / Receiver shock mount. Shockmounts are not original, but look correct.

#MT-TCS-4, 4 shock mt, \$40
#MT-TCS-6, 6 shock mt, \$45



MT-4658 Mount for ARC-159. 3 lbs sh. #MT-4658, Used, \$23.00

FT-161 Mount for BC-357 Beacon Receiver, 3 lbs sh. #FT-161, Unused, \$10.00



MT-759 Mount for AM-598. Less canvas strap. #MT-759, Used, \$18.00

MT-6378 / GRC-193 Mount for CU-2064 Antenna Tuner. This mount has the base for the antenna. #MT-6378, Unused but hasn't been in packaging for a while. \$170



MT-6233 / GRC193 mount for AM-65445, CU-2064, AM-6879. #MT-6233, Unused, \$275.00

AIC-10 Intercom System

RE-94 / AIC-10 Interphone Control includes AM476 solid state audio amplifier, call button, volume control. 27VDC required w/schematic. 5.6x3.6 x3.6, 4 lbs. #RE-94, Used, \$16.95



LS-184/AIC-10 Aircraft Dynamic Loudspeaker with AM-492 amplifier, usually used in the fuselage of larger aircraft and in the wheel well for ground crew communication. Power required 28 VDC and 170 VDC for 4/5718 or equal tubes. 7.3x8.2x4.2, 6 lbs sh. #LS-184, Used, \$29.95 7 pin connector for above, #7P-LS184, \$21.00

TM11-5831-200-35 Field and Depot Maintenance Manual Intercommunication Set, AN/AIC-10 Covers C-823, C-824, C-825, AM-476, AM-476A, DY-77, DY-76, RE-94, LS-184, AM-492. #MM-AIC-10, Repro, \$40.00

Field Phone Wire



1250 feet on a DR-8 reel of Field Telephone Wire WD-1A/TT twin lead zip cord style black vinyl-covered steel wire. Intended for use with EE-8, TA-43, TA-312 and similar field phones. 14 lbs sh. #DR8-WD1A, Used, \$89.50

100 feet of WD-1A wire less spool, #WD-1A-100, \$14
500 feet of WD-1A wire less spool, #WD-1A-500, \$52

WF-16 Four Conductor Stranded Field Phone Wire. Two pairs of what looks like small zip cord twisted together. One is brown and the other is gray. Has splices and may need spliced. Less reel.

100 feet, #WF-16-100, \$23.00
500 feet, #WF-16-500, \$85.00
1000 feet, #WF-16-1000, \$148.00

Patch Panel

SB-3189 Audio Communications Patch Panel. Normal 1/4 inch phone fits 52 pairs ADC jacks. Jacks are spaced for double phone plug.

Each jack 2 normally closed and one SPDT. Some panels are red, some are black. 17.5x19x7, 31 lbs sh. #SB-3189, Used good condition, \$169.50



Canvas Bags & Covers

BAGS & COVERS may be used or unused. May have minor wear, tears or discolor:

SHOULDER BAGS with adjustable straps; Used:
#BG-175, 10x8x10.5, \$18.00
#CW-189, 10x9x10, \$12.00

GRC/VRC EQUIPMENT COVER

#CW-140 for GRC-9, Used, \$18.00
#CW-329 for GRC-3-8, Unused, \$16.00

ANTENNA ROLL BAGS f/ MS-116 etc mast sections, #CW-206-U, Used, \$7.; #CW-206-UN, Unused, \$18.
#BG-174, Used, \$18.00



Cargo Sling-Heavy Duty Tow Straps. This item is a 15,000 pound cargo sling and consists of four sections, each is constructed of four 15 foot seatbelt type OD nylon straps which

are looped on one end with an 76 inch chain and catch arrangement on the other. The loop ends are all joined together by a large loop of webbing. This loop can be removed to separate the four individual straps for use as tow straps or whatever. #CS15K-SLING, 105 lbs sh. Unused, \$79.50

Single strap from above w/ chain and catch, #CS-STRAP, 25 lbs sh. \$30.00

BC-620 / 659 Accessories

ALIGNMENT ADAPTER for BC-659 transceiver; allows changing of crystals and alignment of the set without the use of an external meter. Mounts inside the BC-659. 2 lbs sh. #M-399 \$6.50
Adapter f/ BC-620, #M-394, \$6.50

ALIGNMENT TOOLS for BC-620/659:
#TL-150 or #TL-207, \$6.50

RIGHT ANGLE, #MC-136, \$6.00
T adapter for MC-124, #MC-203, \$9.50
MC-127 Spin Tuning Knob for spline ARN-6 & BC-229, #MC-127, \$9.50

TA-1 Phone



TA-1/PT Telephone, sound-powered unit requires 2 conductor field phone wire connected to another TA-1 for communication without batteries. Palm-operated generator provides approx 100V to "buzz" signal another phone; also visual indicator. Has coil cord with push terminals for wire hook-up and plastic carrying case. 8.5x3.5x3.5, 4 lbs sh. #TA-1, Used Checked, \$55.00 each; 2 for \$89.50

TA-312 Field Phone

TA-312 FIELD TELEPHONE rugged light-weight unit replaces famous EE-8 field phone and is usable with them. Includes G-42 crank generator, BZ3 clacker call signaler, H-60 handset, and canvas carrying bag w/ strap. Requires 2 D-cell batteries (not supplied.) 12x7x4, 12 lbs. #TA-312, USED-CHECKED, \$110.00
Manual for TA-312, partial repro, #MM-TA-312, \$14.



TA-341 Phone



TA-341/TT TELEPHONE SET push-button 4-wire unit for use with tactical switches using four C-cell batteries; usable in conventional point-to-point telephone line (plug may need changed) Range >3.2 km. Signal out 900-3400 Hz digital tone; 90 V 20 Hz signal in. W/case; 4.5x10.5x10.5, 10 lbs. sh. #TA-341, Used, \$25.00

TA-954 Phone

TA-954/TT NON-SECURE DIGITAL VOICE TERMINAL used in Tri-Tac comm-system: 4-wire set xmits and receives diphase-modulated digital voice and loop signaling info at 16K or 32K bits. 125 ohm line impedance 125 ohms; range 4 km using WF-16 field (no stock). Requires 24-56 VDC, Tone pad has characters 0-9, FO-F-I-P-R-O-C; also Volume L-H Ring - Receive & H-350 handset. Plastic case is EMV/EMC static protected. 7.3x4.5x10, 8 lb sh. #TA-954-GR, Government Reconditioned, \$125.00



Hydrogen Generator

M315B HYDROGEN GENERATOR, used to provide hydrogen for 4' balloon p/o CRT-3 Gibson Girl rescue radio. Has 1200 grs of calcium hydride crystals in long can which, when immersed in water, produces hydrogen gas. (EXTREME CAUTION must be exercised in the performance of this process because hydrogen gas is dangerously flammable and the liquid calcium by-product is very caustic!) Cans are dented; suitable only for recovery of calcium hydride. 11.6"L x4.3" dia, 4 lbs. #M315B, Unused-dented, \$10.95



Box Kite



Kite is also used for lifting wire antenna; has 15"Wx12"H distress orange plastic poly-vinyl panels on metal frame. Stands overall 36"H x 15" square; sturdy frame can be covered with silk or similar light fabric. Some plastic sticks together - includes panel repair kit; 3 lbs sh. #SEB-42ABK, Unused, \$28.00

Antenna Tether Wire

306 FOOT SPOOL of vinyl-covered braided #22-size intended for use with above; usable on the ground as long-wire antenna also. On spool; 3 lbs. sh. #SEB-400X3, unused, \$14.95



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Mast Kits



29.6 foot Mast Kit comes with eight 1.8" diameter sturdy fiberglass mast sections, two high quality plastic guy rings, 300 feet of rope (cut according to your need), three guy stakes, insulator, and weather proof bag. 55 lbs.

#ANT-KIT-29-U, Used, \$159.50
#ANT-KIT-29-UN, Unused, \$199.50

12 foot Military Mast Kit. Comes with: three 47" long x 1 3/8" fiberglass mast sections, one 8" top mast section which holds two horizontal aerial antennas and also has 16 feet of RG-58 coax with a male BNC connection at the end, two 28" antenna elements that thread to the top section, one guy ring with guy rope, three 9" stainless steel stakes, one 27" long mast base which mounts directly into the ground, and O.D. green carrying bag with handle. There is no indication of a model number on the assembly. Excellent for field day or other portable antenna use. 12 lbs sh. Unused, #MK-12, \$55.50 ea As above except with Ground Plane Antenna. #GPA-MK-12, Used, \$49.50 Mast Section only, #MS-MK-12, Used, \$12.00 each



HEAVY DUTY NYLON BAG, Ideal for mast kits along with MANY other applications! High quality Cordura Nylon is coated for water repellency, rot and is mildew resistant. Bag has 1 1/2" web handles that wraps around bag for added strength. Two zipper slides for easy opening. Overall size: 44" long x 9" deep x 7" tall. 3 lbs sh. Comes in OD Green. #BG-1244, New, \$39.50 each; 3 / \$99.50

applications! High quality Cordura Nylon is coated for water repellency, rot and is mildew resistant. Bag has 1 1/2" web handles that wraps around bag for added strength. Two zipper slides for easy opening. Overall size: 44" long x 9" deep x 7" tall. 3 lbs sh. Comes in OD Green. #BG-1244, New, \$39.50 each; 3 / \$99.50

Mount Brackets

BRACKET for mounting 2" dia antenna bases like AB-15 to vehicles or other flat surfaces. Mount plate 6.3"W x 4"H; base hole center extends 3.9" from plate. 4 lbs. #SM-B114371, Unused, \$15.00



Angle Bracket for attaching MP-50 or similar mount bracket to corner of vehicle. Bolts for MP-50 and drilled for side mount; 5 lbs sh. #SCC-28591, Unused, \$13.00

Guy Ropes

MX-516 Halyard, 140' nylon rope, insulator & pulley Used with AB-155 & AS-244. Used, \$14.00

GUY ROPE SET, 3x20' lengths, #GY-12/42, Used, \$9

ROPE, 80', #M378, \$7.00; 10', #M379, \$4.00

12" Guy Stake



12" Aluminum Guy Stake. Has 1/4" diameter hole near top of stake. #GS-12, Used, \$3.00; 5 / \$10.00

Mast Sections

MS-49
MS-51
MS-53

3-FOOT MAST SECTIONS (left), WW-2 & Korean

War vintage: painted copper-coated steel. Sequentially screw into the other; 3/16" dia MS-49 top section the smallest. Self-supports to 15 ft; MS-53 can fit into another MS-53; 1 lb sh. May have surface rust; We no longer have the MS-51 which is necessary. Select from MS-50-52-53, #MS-(specify #)-U, Used some rust, \$4.00 ea #MS-(specify #)-UN, Unused, \$7.50 ea

MS-54 Mast Section. Unused, #MS-54, \$12.00

MS-116 & MS-118 MAST SECTIONS, each 39.3"L. MS-116 is stackable bottom section, MS-118 tapered top; fit AB-15, AB-652, MP-65 & UG-558 bases. 1 lb ea. MS-117 mast is no longer available. #MS-116-U, Used \$4.50; #MS-118-U, Used \$7.50

AB-21-23-24 Mast Sections, similar to MS-116-117-118 except 27" length each. AB-21 is bottom & stackable section; 1 lb each. #AB-(specify #), used, \$5.50ea

PRC-Type Antennas

AT-272A RIBBON ANTENNA & AT-272 FLEX-BASE SET for PRC-8-9-10; 2 lbs #AT-272, Unused, \$18

SHORT FLEX BASE only / AT-272A, #272-BO, used, \$4

SHORT FLEX BASE only / AT-892, #892-BO, used, \$12

RIBBON only for AT-272A, used, #272-RO, \$10.00

RUBBER BASE / AT-271 (PRC-8-9-10) #AB-129, \$5.00

RUBBER BASE / AT-271 (PRC-25-77) #AB-591, \$12.00

37.5" Ribbon Antenna for PRC-126 and PRC-128 but not PRC-68. 2 lbs. #37695721153-3, Unused, \$14

RIBBON ANTENNA / PRC-6 radio, #PRC-6-RA, Used, \$12

WHIP / Canadian CPRC-26, #AT-5001, used, \$10.00

M-422 ADAPTER for using MS-116/AB-23 masts with PRC & BC-1000 as long antenna, #M-422, \$10.00

Mast Bases

AB-15 MAST BASE for MS-116-117-118 or AB-21-22-23-24 masts; rubber flex spring with 3.3"Lx3" dia ceramic insulator & bottom terminal. Mounts in 2" dia hole. O/a 15"L, 3 lbs sh. Used with small chips in the ceramic insulator, #AB-15-U, \$10.00

As above but used good condition, #AB-15-UG, \$18

AB-558 BASE for MS-116-

117-118; mounts to SC-D-

189023. 16"Hx6"dia; SO-239

conn. #UG-558-U, Used, \$15.00

As above but unused, #AB-558-UN, \$40.00

MP-68 MAST BASE, makes ground plane antenna when used with combinations of AB-21-24 or MS-116-118 whip masts installed as three radiating elements plus one vertical. Has center 3" dia ceramic feed-thru insulator with UHF connection and sockets for elements. Clamp on bottom allows installation on top of 1.6" dia masts like AB-35 (RC-292) or MS-44 (AB-155). 13"Hx5"Wx5"D, 5 lbs. #MP-68, Used, \$35.00

IN-127 Antenna Base holds

three MS-116 and one each

MS-117-118 mast sections.

14.5"L black plastic. 2 lbs sh. #IN-127, Used, \$35.00

Mast Adapter



Mast Adapter. The top fits AB-85, MS-44, & AB-35 masts with an outer diameter of 1 3/8". The bottom has an inner diameter of 1 15/16". It is 8.7" long. 2 lbs sh. #MA-44, \$12.00

Steel Guy Assembly



1/8 inch steel guy cable on steel bracket with locking pulley and tension adjustment. Use for field day antenna guy or other wire support use. May not have plastic over steel cable. 9 lbs., Used,

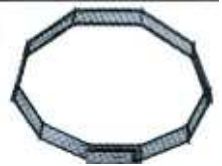
#GUY-36, 36 ft, \$23.00

#GUY-44, 44 ft, \$26.00

#GUY-62, 62 ft, \$32.00

Crystal Radio Kit

All the parts you need to construct a crystal radio. 3 plate sliding capacitor, 10 sided (Decagon Loop Antenna), germanium detector diode, and high impedance ear piece. Tunes broadcast band.



Because of the large loop antenna, an outside antenna is not required. The capacitor and loop need to be assembled. Hardware, information and necessary parts included. 1 lbs sh. #CP-10DEC, Unused, \$27.95

Same as above except a Hexagon loop (6 sides) 330 microhenries, aperture of 153 sq in. #103DE, \$24.95

Loop Antenna, (as pictured above) Each loop

is constructed of interlocking plastic structural bars and spreaders to form the loop. The spreader has notches for 24 turns of enameled wire which is wound around the framework. Each section of the loop is approximately 3"x7.5"

Hexagon loop kit(6 sides) 330 microhenries,

aperture of 153 sq in. #6HEXLOOP, \$9.95

Octagon loop kit (8 sides) 490 microhenries,

aperture of 280 sq in. #8OCTLOOP, \$12.95

Decagon loop kit (10 sides) 660 microhenries,

aperture of 440 sq in. #10DECLLOOP, \$14.95

Flat plate sliding capacitor kits use w/ above loops.

Three plate capacitor 10 - 180 pf #3PLATECAP \$13

Five plate capacitor 10 - 365 pf #5PLATECAP \$15

Loop Antenna



AT-784/PRC DIRECTION FINDER LOOP ANTENNA for use with PRC-25 -77; covers 30-76 MHz in five bands. Controls FINE TUNE 0-10 MHz in 1 MHz steps and ATTENUATOR 0-40 DB in 10 db steps. Includes AT-1082 loop with whip, and 8 foot cable. Collapsed size 8x6x3.5, 5 lbs. #AT-784, Used, \$39.95

Manual repro for above. #MM-AT-784, \$18.00

AS-2360 Loop Antenna receives 0.53

Mhz to 10 Mhz, useable to 20.5 Mhz.

Impedance 50 ohms, Null depth 25

db, bearing error less than 2 degrees.

Originally part of TRQ-23 radio

receiving set. The base of the loop

contains a loop cathode follower

with varactor diode for tuning, two rf

amplifiers, and an output cathode fol-

lower using 4/6612 tubes which

require 36 v B+, 1.1v filament. Tuning

voltage 0-102 vdc, gain voltage 0-37 vdc, sense

relay 24 vdc. Comes with canvas bag.

6.4x26.2x61.8, 30 lbs sh. #AS-2360, Used, \$250.00

TRQ-23 Op's Manual & Schematics repro,

#OM-TRQ-23, \$23.00



CALL US AT 419-223-2196 or 227-6573

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C. Crane Antennas



AM Antenna With Twin Coil Ferrite. The biggest advancement in AM radio antenna design in over 50 years! The best

compact AM antenna for a portable radio or home stereo. It increases available daytime stations dramatically and reduces nighttime fade out by 99%! Can also eliminate heavy static and distortion. Tuner Size: 3.3" W x 4.3" H x 1.3" D. Antenna Head Size: 8.5" W x 2.5" H x 1.3" D. New, #TCA, \$99.95

Remote Kit, you can set the Antenna Element closer to a window or even outside, away from the noise and interference. You'll dramatically improve reception on weak AM stations in brick, stucco or metal-sided homes, and virtually eliminate static.

25' remote installation kit. #J25, New, \$19.95
50' remote installation kit. #J50, New, \$29.95

The FM Reflect is an affordable FM antenna that is equal to or better than the best indoor antenna made. Great signal to noise ratio. Works with any portable



or stereo receiver. Incorporates a new dipole design for maximum gain across the FM band. Up to 213% more powerful than a standard dipole antenna. Comes with "F" connector, balun spade connector and alligator clip. Size: 54" element with an 8' feed line. 2 lbs sh. #FMW, New, \$24.95

PRC-41 Mast Assembly

AB-777 Adjustable Mast Assembly from the PRC-41 radio system. Mast assembly holds the AS-1405 omni directional antenna. AB-777 is 28 1/4" long closed and 78 1/4" fully extended. 1 1/2" dia. 6 lbs. #AB-777-U, Used, \$32.95; #AB-777-UN, Unused, \$44.95

UHF Dipole Antenna

AT-413/TRC DIPOLE ANTENNA for 225-400 MHz, originally part of large array. T-top elements extendable 3" each end to adjust reception; 20" max T-width. Mount flange moves to adjust height. Type C connection on bottom. O/a 15.5"H, 12 lb. #AT-413, Unused, \$19.95



AS-1729 Parts

#MX-6707 Base. Used, \$100.00

Mast Spring only for MX-6707; 4 lbs. #AS-1729-MS, Used, \$12.00

Upper Mast. 64" long, 4 lbs. #AT-1095, Used, \$21.00

TIE-DOWN KIT for AS-1729 including tie-down rope and plastic cap for AT-1095, #AS-1729-TD, New, \$10

Manual repro for AS-1729, #MM-AS-1729, \$18.00

MOUNTINGS for MX-6707 p/o AS-1729, USED:

#SCD-189023 f/ base. unused, \$25.00

#SCD-446058 corner. used, \$10.00; unused, \$25.

EXTENDER for SCD-446058.

#445058-EX-U, used, \$7; #445058-EX-UN, unused, \$12

Blade Antenna



AS-2485/ARC-114 BLADE ANTENNA used with 30-76 MHz ARC-114 radio set; BNC connection. 24"H x 42"L, 15 lbs sh.

#5985-168-8383, Unused, \$50.00; 2 for \$75.00

Rams-Horn Antenna

AS-580A/ARN-30 Rams-Horn Antenna with two dipoles. The forward dipole is used as a glide-slope antenna while the rear dipole is used as a VOR and localizer antenna. Each antenna is terminated with a BNC connection located on the base. Antenna originally used with the ARN-30D aircraft radio that covers 108 to 126.9MHz. Overall 23.8"Dx17.3"Wx11"H, 6 lbs sh. #AS-580, Used with some cracks in the plastic, \$40.00



LF-DF Antenna



AT-780/ARN-59 DIRECTION FINDER ANTENNA, 190 - 1750 KHz. Has ferrite loop, 26 V 400 Hz motor & Tx selsyn for drive direction. Operates in circuit on 26 V 100 Hz. W/ 14 error compensator screws, 0-360 scale visible under glass dome & schematic. 3.8x6.5x6.5, 8 lbs. #AT-780, Used \$36.00 #NG-AT780, above no glass, \$26.00

AS-313/ARN-6 DF ANTENNA, similar in function to above, but earlier design; 10x11x5, 18 lbs sh. #AS-313, Used, \$35.00



Hy-Gain Antenna



HY-GAIN MOBILE-COM ANTENNAS, new: 760-SERIES, include 52" whip, 2.5"H spring base, 18" RG-58 coax cable, PL-259 connector & UG-175 reducer; 5 lbs sh. unused, \$12.00 ea:

#761 (30-33MHz) #767 (33-36 MHz)

KATHREIN WHIP, 64-470 MHz; cut 4 foot length; 1-hole mount, 15' RG-58 coax. 4 lbs. #K50-54-4, \$18. + + + + + TELESCOPING CHROME ANTENNAS, \$3.50 each: #TCA95-380, 9.5"L to 38"L; 6-32 thread mtg screw #TCA84-144, 8.4"L to 14.4"L; 5/32" dia base hole #TCA60-125, 6"L to 12.5"L, 10-24 thrd mtg screw

CB Antenna Mount

Chrome-Plated Steel Spring. For 3/8"-24 Threaded Whip. With hardware. 4 1/8"H x 1 5/8"D. Unused, #21-1118, \$12.00



Chrome-Plated Swivel Ball Mount Base. For 3/8"-24 Threaded Whip. With hardware. Unused, #21-1115, \$12.00

HYE-QUE

BUDWIG HYE-QUE dipole center antenna insulator & strain connector for long-wire set-ups; full legal power capacity + weather-tight polymer construction. Strain assembly with PL-259 connection for lead-in wire drop. #HQ-1, NEW, \$11.15 #HQ-2, insulator pair, New, \$2.86/ pair

Cellular Antenna



Cellular Mobile Antenna by Antenna Specialists with trunk lid mount. 824 to 896 MHz with 3DB gain. Antenna capable of adjusting 25 degrees any direction. Antenna has a female TNC connection. Kit comes with 15 feet of RG-58 cable with a male TNC connection on one end, cord clip, mylar tape, bracket channel, a separate TNC male connector, and allen wrench. Antenna with mount stand around 30". 3 lbs sh. #ASP-917, Unused, \$21.95

Long Wire Antenna

AS-1321/PRC-47 LONG WIRE ANTENNA 45 ft vinyl-covered with insulators at 15" and 25"; clips at insulators adjust length. Designed for use with 150 W HF transceiver; 4 lbs. #AS-1321, Used, \$25.00



Dipole Fixture



DIPOLE FIXTURE, part of PRC-74 long-wire antenna set. H-shaped has 25' vinyl-covered 2-conductor copper wire: 2.5x12x1, 3lbs sh. #DP-MK-911, Unused, \$7.00

Impedance Match



CU-459/AR IMPEDANCE MATCH NETWORK, black plastic bullet-shaped designed to mount to aircraft wing. Holds two AT-624 antenna elements (not available); 50 ohm BNC-conn. P/o AN/ARA-31 24-49 FM MHz homing set; 4.3x3.3. 2# #CU-459-UN, Unused, \$9.00 As above except used, #CU-459-U, \$4.00

KY-149/AR KEYS, couples homing antenna to radio; requires 28 VDC. Has a 28VDC globe 60 RPM gear motor. 2.3x7.7x4.9; 3 lbs #KY-149-U, Used, \$12; #KY-149-UN, Unused, \$17.95



Screw Anchor



32" long Screw Anchor from GRC-103 radio system. 2.6" diameter. 5 lbs sh, #ANCH-103, Used, \$12.00

Trailing Wire Antenna

WT-7A Trailing wire antenna weight 4.25" x 2.5" on 12" leader. 5 lbs sh. Used, #WT-7A, \$18.00



Trough Antenna



TROUGH ANTENNA. No info on this, but we put a sweep generator and spectrum analyzer on a pair and they seem to work with good response from 900 to 1200 mhz. The frame is fiberglass and there is a dipole about 5 1/8 inch overall with reflectors about 24.5 inches long. Connector is HN type. Overall size 25x10x5, 8 lbs sh. #ANT-TROUGH, Unused, \$49.50

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Microphones

 600 ohm Uni-Directional Dynamic Microphone. Frequency response: 50-15,000Hz. Effective output Level: -54dB. 8.5' cord with a gold plated two way plug for 3.5mm or 1/4" phone plug. With on/off slide switch. Mfg by Merry. #DM-35. Unused, \$5.00 ea: 3/\$12.00

 Handheld Dynamic Power Microphone. Impedance of 1.2K ohm. Frequency response of 300-6KHz. Coiled cord with a 4 pin female connector. Marked TransVideo but made by Merry #DMC-510, Unused, \$15 each; 3/\$30

500 ohm Omnidirectional Dynamic Desk Top Microphone. Has monitor switch and push-to-talk switch. Frequency response: 200Hz-5KHz. Sensitivity: -76 +/- 4DB at 1KHz Re 1V/ubar. Coiled cord with 4 pin female connector. Mfg by Merry #DMC-529, Unused, \$12.95

 GM Delco Microphone for mobile communications; black with PTT switch, coil cord and 5 pin male connector. #GM-DEL-MIC, Unused, \$12.00


 T-45 MIC Carbon type 100 ohm 50 db below 1 mv, flat response with PL-291 two contact male plug, 11" cord. #T-45, Unused, \$7.50

LIP MIC for CW49507 or H-62 headset; 100 ohm, #CW-51071, \$23.00

#M-29B MIC with U-77 plug; for T-195 T-368, etc. USED \$14.00

#M-52 MIC with 5 foot cord & PL-68 plug. UNUSED, \$14.00


#M-80C MIC, unused, \$16.00

 Low-impedance omni-directional for public address use; 150 to 4000 Hz response. Swivel mount; 5/8" dia 27 threads/inch. Cannon XL-3-11SC connector; 2 lbs sh. Used: #M-43-UL, University Loud-speaker mfg. \$16.00

#CX-3094 MIC CORD with mating connector for above; 3106-14S-7P 3-pin male on other end. 25 ft Used, \$10.00


TRIPOD MIC STAND for above, Used #MT-596, \$12 ea; 2 / \$19.00

Shure Mic


 Shure Unidirectional Dynamic Microphone. Ball-type. Dual HI Z & LO Z Impedance. Spherical grille is a very effective wind and pop filtering, ideal for closeup vocal miking. Symmetrical cardioid pickup pattern minimizes feedback. Lockable On-Off switch. Frequency response 80 - 15KHz. 3 pin XLR connector. Swivel adapter. 3 lbs sh. #588SDX, Unused in original box, \$70

WW-2 CHEST SETS

#H-12, Unused, \$9.00; #T-26A, Unused, \$9.00; #T-46/TD3, Used, \$9.00


 RS-83 Mask type Aircraft Microphone by Telephonics. Mic is HI-Z (100K ohm) and has a 16.5" cord with a 33" extension cable that has a push to talk switch. #RS-83, Unused, boxed \$18.00

Handsets

 H-250 HANDSET w/ push-to-talk button, coil cord & U-229 plug. #H-250-U, Used w/ broken clip, \$23 #H-250-UN, Unused, \$40.00 #H-350, Used Checked, \$40.00

H-33/PT HANDSET for GRC-3-8, PRC-10; Has stretch coil cord with U77 plug. #H-33, Used Checked, \$22.95

TS-9* HANDSET, p/o EE-8 field phone; 2 lbs. #TS-9, Used, \$19.95


 TS-9 Handset wired like TS-13/15 for use with BC-1000 radio. #TS-9-1000, Used checked, \$30.00

Handset f/ BC-1000, #H-23 (or =), \$40

H-90 HANDSET, like TS-9 but w/ U-77 plug; #H-90, \$14.00

Beige Standard Handset newer style mfg by ITT, #BEIGE-H, Unused, \$4.00

JEN-20 HANDSET w/ AMPLIFIED receiver for hearing impaired; black or beige. #JEN-20, NEW, \$18.00

 Western Electric Handset with 1903 patent date; black painted brass handset with PTT-switch appears to be same as TS-7 handset used with pre-World War-2 EE-5 field phone. 3-wire cloth cord. 4 lb. #D14842, used, \$50.00

Headbands

 Hard to find HB-7 Headband for the famous HS-23 and HS-33 headsets. Less connector. 2 lbs sh. #HB-7, Used good condition, \$49.50

 Old Military Black Leather Headband. Holds a 1 3/4" receive element. 2 lbs sh. #BLK-BAND, Unused fair condition, \$14.00 each; 2 for \$24.00

Headband by Murdock f/ R-14, #HB-5, \$16.50 each; 2 for \$26.00


Headsets

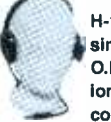
VRC-12 HEADSETS


 H-251 HEADSET w/ vinyl cushions, 24" coil cord; black color, #H-251-U, Used, \$10 #H-251-UN, Unused, \$14 #H-251-A-U, Used, \$12 #H-251-A-UN, Unused, \$18


H-161E HEADSET with 300 ohm boom mic, push-to-talk switch, & CX-8650 Y-coil cord; vinyl cushions. Black. #H-161E, Unused, \$69.50


 H-195 HEADSET & BOOM MIC, rubber-covered single 300 ohm phone element, 40 ohm mic & push-to-talk switch. Similar to H-144 except has 10 foot cord with PJO-55 & -68 plugs; 4 lbs sh. #H-195, Unused, \$30.00

 WIRELESS HANDS-FREE HEADSET for two-way FM radio communications in high noise environments. Uses throat mic and ear cushions with EPA noise-reduction rating of 23 DB. Operates on 49.86 Mhz; controls for Volume & Squelch, Velcro adjustable head web and mic straps, 6" antenna and fiberglass case. Requires two 9 V batteries; #7800H, New, \$85.00


 H-113 600 OHM HEADSET, similar to CW-49507 except O.D. green color with cushions and PL-54 plug on 18" cord; 3 lbs. sh. #H-113, unused, \$8.95; 2 for \$15

 HS-30 HEADSET 250 ohm impedance light-weight WW-2 era set has cord wired to CD-604 500:4000 ohm matching transformer and PL-54 plug; 3 lbs sh. #HS-30-U, Used, \$12 #HS-30-UN, Unused, \$24.00


 H-63 HEADSET and BOOM MIC, 600 ohm receive and 100 ohm M51 mic elements; with JJ-055 and 3-pin jacks. 3 lbs. #H-63, Unused, \$16.95


 H-264/PRR-9 EAR-PLUG HEADSET, coil cord & 2 mm dia jack; 300 to 2500 Hz response. #H-264, NEW, \$5.00

CTE49214 headphones f/ WW-2 MAB radio; no scull cap, #CTE49214, \$9.00


 H-227 HEADSET, with two 300 ohm elements in 4" x 3.5" vinyl cushions, 42" coil cord, and U-77 plug. Used with GRC-3-8, GRC-106 radios. OD-green & black; 2 lbs. #H-227, Used, \$21.95

Plantronics Headsets

 Starset Supra Amplified Operators Headset with voice tube by AT&T. Cushioned earpiece with adjustable headband. Comes with clothing clip and plug amp. Brown color. Unused in the original packaging. 2 lbs sh. #KS22990-L1, \$34.50

 ACS Operators headset that fits over the ear with six earpieces of various sizes. Has dual connector with 1/4 inch plugs (similar to PL-55) for connection to system. #SMD-0-102-15, Unused, \$35.00

Accessories

 GSA-6 CHEST GROUP SA-142 PPT-switch & CX-1077 cable w/ U-77 plug connect H-63 headset to GRC radios. #GSA-6, Used, \$7.50

PHONE PLUGS,
#PL-354 red. used, \$5.00
#PL-55 on 30" cord. used, \$2.50
PL-55 equivalent 1/4" phone plug with no cord. #M462/4-1, Unused, \$2.50
PL-55 on a 5 foot cord. #CX-1201, Unused, \$5.00
PL-68 (or =) Mic plug. #PL-68-U, \$5;

DOUBLE PLUGS, unused:
#D178542 (WE289) for headsets, etc. \$4
#2PPC f/ switchboards, \$4.00

JACKS,
#JK-33 PHONE JACK to fit PL-68 plug. Used, 2/\$1.20
#JK-34 PHONE JACK to fit PL-55 plug. Used, 2/\$1.20

MIC ELEMENTS, checked:
#F-1 for TS-9, \$5.00
#M-51 for H-63, M-29, \$5.00;
#M-235 for H-33, \$6.00
#TA-117 for H-60 (TA312), \$6.00;

RECEIVE ELEMENTS, checked:
#1227 (or =) for H-33 receive, \$6 ea;
TS-9 receive element, CALL
#TA-235 for H-60 (TA312), \$6.00
#R-30 receive element for HS-30, \$1.25

SWITCHBOARD CORDS

#PL68-68, black cloth covered cord with early style phenolic PL-68 plugs on each end; 68"L. \$9.00
#G2-SWB-72, grey cloth-covered cord with double 310 plug on each end: 72"L, 2 lbs. \$7.50
#G2-SWB-46, as above but 46"L \$6.50
#500286-104, red with black cloth covered cord with double 310 plugs on each end; 50"L. \$14.00
#500286-106, as above but 75"L. \$16
#500286-110, as above but 118"L. \$18
#500286-115, as above but 178"L. \$20
#500286-120, as above but 240"L. \$22
#WE-338A, dirty light brown dual cloth covered cord w/ double 310 plugs on each end; 17"L. \$10

EMAIL US YOUR INQUIRIES AT FAIRRADIO@FAIRRADIO.COM

Headset Cords & Cushions



CD-604 CORD with impedance matching transformer 500 ohm to 4000 ohm; 6" cord & PL-54 plug. P/o HS-30 headset. #CD-604-U, Used, \$3.50 #CD-604-UN, Unused, \$6.50 Same as above except 78", #CD-605-U, Used, \$6.00

4 Conductor Brown Cloth Covered Cord for Headsets, etc... 6 feet. #CORD-4C, Unused, \$25

MICROPHONE EXTENSION CORD with PL-68 plug. #CW-49561, Unused, \$18.00

MIC COIL CORD, 1-shielded, 2-wire not; stretches 30"-42". #SH-CC3042, NEW, \$3.00

"Extra-Stretch" Phone Coil Cord 4 ft to 25 ft extension w/ modular jacks; tan. #T425-MOD, New, \$3.50

"Y" CORD

#CD-620F, molded 16"L legs & 6" cord w/ 2 lugs each end. For HS-30 Headset. \$3.50

HEADSET CUSHIONS

#M-301 4" Chamois cushions for HS-23 or HS-33, \$10pr #M-300 Inserts for HS-30, Unused, \$3.50 pr

Plugs & Jacks

1/4" Connectors

1/4" STEREO PLUG WITH STRAIN RELIEF, NICKEL. Solder connections. Spring cable guide. #CA022, 2 for \$1.29; 4 for \$2.29

As above except mono, #CA021, 2 / \$1.19; 4 / \$2.09



RIGHT-ANGLE 1/4" STEREO PLUG WITH STRAIN RELIEF, NICKEL. Solder connections. #CA026, 2 for \$1.29; 4 for \$2.29

As above except mono, #CA025, 2 / \$1.19; 4 / \$2.09

1/4" Mono Jack with strain relief, Silver plated, Spring cable guide, Solder connections. #CA035, \$0.99; 3 for \$2.29

As above except Stereo. #CA036, \$0.99; 3 for \$2.39

1/4" Mono Panel-Mount Jack, Open Circuit, #CA039, 3 for \$1.00; 7 for \$2.00

As above except Stereo. #CA041, 3 for \$1.10; 6 / \$1.95

1/4" Mono Panel-Mount Jack, Closed Circuit, #CA040, 3 for \$1.00; 7 for \$2.00

As above except Stereo. #CA042, 3 for \$1.10; 6 / \$1.95

1/8" Connectors

1/8" Mono Plug with strain relief, Nickel, Spring cable guide, Solder connections. #CA003, 3 for \$1.00; 7 / \$2



As above except Stereo. #CA004, 3 for \$1.19; 7 for \$2.39

1/8" Mono Jack, Nickel, Spring cable guide, Solder connections.

#CA011, 3 for \$1.29; 7 for \$2.59

As above except Stereo. #CA012, 3 for \$1.39; 7 / \$2.79

1/8" Mono Panel-Mount Jack, Mono / Close circuit, Solder connections, With insert switch, #CA015, 4 for \$1.00; 10 for \$2.00

RCA Connectors



NICKEL-PLATED PHONO RCA PLUG. Spring cable guide. Colored identification ring. Solder connections.

Boot color black, #CA063B, 2 for \$1.39; 5 for \$2.99
Boot color red, #CA063R, 2 for \$1.39; 5 for \$2.99

RCA JACK.

Boot color black, #CA064B, 2 for \$1.49; 5 for \$3.19
Boot color red, #CA064R, 2 for \$1.49; 5 for \$3.19

XLR Connectors



3 Pin XLR Nickel-Plated Long type. Solder connection. New,

3.2" long Jack, #CA096, \$1.89 ea: 2/\$2.99
2.8" long Plug, #CA097, \$1.89 ea: 2/\$2.99

Short Type version of above. New,
2.8" long Jack, #CA092, \$1.89 ea: 2/\$2.99
2.4" long Plug, #CA093, \$1.89 ea: 2/\$2.99

Short type version as above except 4 pin. New,
Jack, #CA102, \$1.89 ea: 2/\$2.99
Plug, #CA103, \$1.89 ea: 2/\$2.99



3 Pin XLR Panel-Mount Nickel Plated Jack. New,
Jack, #CA104, \$1.89 ea: 2/\$2.99
Plug, #CA105, \$1.89 ea: 2/\$2.99

As above except 4 pin. New,
Jack, #CA108, \$1.89 ea: 2/\$2.99
Plug, #CA109, \$1.89 ea: 2/\$2.99

Toilet Seats

Phone jack spring covers for WW2 Navy sets. Also useable on BC-1000, BC-659, BC-620 and others, but not exactly right. The hinge assembly is not the same. Unused, #CMX-23429. \$5.75 each. 10/\$50.00



Other toilet seats available similar to above.
Black wrinkle phone jack cover. #PJ-TS1, Unused, \$3.50 each

Olive Drab phone jack cover. #PJ-TS2, Unused, \$3.00 each

ART-13 Parts



ART-13 CRYSTAL CALIBRATOR, provides 50 KHz fundamental using 200 KHz crystal. Sold LESS 200KHz crystal. Also 1000 Hz tone for MCW. Tubes 2/12SL7, 12SA7; 6x5x3, 4 lbs sh. #XCAL-ART-13, Used, \$35.00

ART-13 PA Plate meter. #PMTR-ART-13, Used, \$23.

ART-13 Antenna Current meter, no transformer, #AMTR-ART-13, Used, \$23.00

Male connector fits DY-17, #U9, \$35.00

Female connector fits ART-13 power, #U7, \$55.00

Female connector for C-87 control box, #U6, \$30.00

Male control connector for ART-13, #U8, \$30.00

Knobs for ART-13

Antenna loading 0-100, 200-100 #KN1-ART-13, \$12.

Antenna tuning coarse Triangles marked 1-13 ccw. #KN2-ART-13, \$8.50

Antenna tuning fine 100-0, #KN3-ART-13, \$12.00

High Frequency tuning Triangles 2 - 18 mhz, #KN4-ART-13, \$8.50

High Frequency tuning fine 0-99 over 360 degrees. #KN5-ART-13, \$12.00

Small indexing dial from High Frequency tuning and also used on some of the plug-ins. #D-ART-13, Unused, \$4.75

T-bar locking bar for ART-13 tuning knobs. #T-ART-13, \$4.75

ARC-187 Cards



ARC-187 Receiver RF/Modulator circuit cards removed from ARC187 for some TCTO. These two circuit boards were the heart of the transceiver. No schematics or hookup info. Mostly discrete components with some surface mount. More pictures at www.fairradio.com/arc187.htm. Each board is 4.5x4.2x0.8, 2 lbs sh. #CB-ARC-187, Used good condition, \$25. both circuit cards.

RF Amp. / Preselector

Harris RF301/GRC-165 2-15 Mhz RF Amplifier/Preselector section contains V1 6DC6, V2 12BY7 which provide tuned grid/tuned plate amplification for the RF receive amplifier and the transmit driver. Band switch does not have detents, 14 1 mhz bands. 1/IERC 6025 and 1/IERC 5020. Power required 200 VDC, -36 Vdc and 6.3 vac. An excellent basis for QRP set or experimentation. 6.3x6.5x6.7, 5 lbs sh. With schematic and info. #RFA-165, \$24.95; 2 for \$45



5 MHz Standard



FREQUENCY STANDARD MODULE from R-1051* and RT-618* radios; usable as replacement or adapt to other need where standard is required. Crystal oven with 5 Mhz crystal provides 5 Mhz sinewave output (approx 1.8V) plus possible non-sine outputs dual 500 KHz, 1

& 10 Mhz. Designed stability: 1 part in 10 / day. Requires 18-24 VDC input. 4.4x3x4.5, 2 lbs. used crystal only is checked, other outputs may need repair, #6625-078-4718, \$29.95 w/ schematic

455 KHz BFO

PERMEABILITY-TUNED 455 KHz

BFO COIL from R-392 receiver. Originally used with 5-55 pf variable capacitor but fixed cap may be substituted. Oscillation without parallel capacitor: 452-480 KHz. Good basis for BFO for any receiver with 450-465 KHz IF; w/ schematic. 3.3"Lx 1.5" dia, 1 lb. #BFO-T602/R392, USED, \$17.95



RF Exciter



RF EXCITER MODULE from 1980's HF transceiver; mixes 500 KHz USB signal with synthesized frequency

to produce and amplify modulated RF. Synthesizer (not available) supplied 74.5/75.5 (LSB/USB) and 77-105 Mhz depending on desired output frequency; RF output is low level. Requires +5, +12, -12, +28 VDC; with pinout. 1x7.8 x3.3, 2 lbs. #RF-EXC-1512, unused, no info, \$25.

RF-550 Modules

Harris RF-550 HF receiver & RF-131 exciter modules; 4.1x2.1 x5.9, 2 lbs sh. USED, not tested:

#A2A8/RF550 High Band Phase Lock Loop. \$38.00

#A2A14/RF550 Low Band Phase Lock Loop, \$37.95

SCHEMATIC packets,

#SCH-(specify #), \$8.50 ea w/module purchase.



PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

Velleman Electronic Kits

Kits require insertion and soldering of components! Pictures are shown after assembly.



UNIVERSAL MONO PRE-AMPLIFIER. This kit has been developed as pre-amp for a number of audio applications where there is insufficient input signal. Applications as a microphone pre-amplifier or

for level correction. Power supply: 10-30VDC / 10mA. Output impedance: 1Kohm. Adjustable output level: max. 40dB. Frequency range: 20Hz to 20KHz \pm 3dB. Max. input signal: 40mV. PCB dimensions: 1.2" x 1.7". #K1803, \$9.99

UNIVERSAL STEREO PRE-AMPLIFIER. Frequency range 40Hz - 30kHz (-3dB). Maximum input voltage 50mVrms. Adjustable gain 40dB max. Output impedance 1Kohm. Requires 10-30V DC / 5mA. PCB dimensions 1.7" x 2.6". #K2572, \$19.30
Recommended Power Supply Kit, #K1823, \$13.98

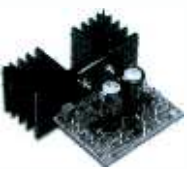


AM/FM ANTENNA AMPLIFIER. This amplifier provides 22dB gain wherever you need it. DC power supply directly or via the coax cable. Metal housing included. Gain: 22dB. Power supply: 12V to 15V / 3mA.

Input and output impedance: 50 - 75ohm. Frequency range: 10MHz to 150MHz. Note: It is important to put the amplifier as close as possible to the antenna. 3.4" x 1.4" x 0.9". #K2622, \$22.99

7W MONO AUDIO AMPLIFIER.

This small amplifier is constructed around the TDA2003 IC, capable of delivering 4Wrms at 4ohms. The IC is completely thermally and short-circuit protected. A conventional direct current can be connected as supply. Music power output: 7W / 4ohm. RMS output: 3.5W / 4ohm or 2W / 8ohm. Total harmonic distortion: 0.05% (1W / 1KHz). Frequency response: 20Hz to 20KHz (-3dB). Signal/noise ratio: 86dB (A weighted). Input sensitivity: 40mV / 150Kohm. Overload and short-circuit protected. Supply voltage: 15VDC (8 to 18VDC possible) / 0.5A. 2.2" x 1.4". #K4001, \$14.50



2 X 30W AUDIO POWER AMPLIFIER. This small amplifier is constructed with the TDA1521 IC, with a maximum supply capability of 2 x 15Wrms (4ohm) of 2 x 10Wrms (8ohm). The IC is thermally and short-circuit protected. Additional

rectifier and smoothing filter are unnecessary, as alternating current can be directly connected to the unit. See our website for further specifications. 2.8" x 2.0". #K4003, \$33.90

TELEPHONE AMPLIFIER.

This telephone amplifier may be used as a free-standing amplifier with speaker, e.g. to listen to a telephone conversation, or the output may be connected to an amplifier or mixing panel (e.g. radio stations). Input - isolation transformer interface. Speaker output 0.5W / 8ohm. Line output 0dB (0.775Vrms). Requires 7 - 9V AC or 9 - 12V DC / 150mA. PCB dimensions: 2.5" x 2.1". #K4900, \$16.99
Recommended housing, #G416, \$9.99



SIGNAL TRACER/INJECTOR. This signal tracer /injector has been designed to inject or detect a specific signal into an audio circuit in need of repair (such as amplifiers, radios, tone controls, ...) so as to detect the fault. In this way problems can be traced more easily. The signal tracer may also be used as a simple monitor or amplifier. Independent injector/tracer. Injector - 0-2.5Vrms output (adjustable), output impedance: 1.5Kohm, frequency: \pm 1KHz. Tracer - 3.5mV to 10Vrms sensitivity (adjustable), gain: 40dB, input impedance: 50Kohm. Output power: 0.5W / 8ohm. Power supply: 7-9VAC or 9-12VDC / 150mA. PCB dimensions: 2.4"x2.1". #K7000, \$18.99

VOLTAGE DETECTOR this device locates house wiring within walls and traces wire to find a break. A flashing LED indicates when voltage is present: The flashing speed indicates how close the wire is, approx 3.9 inches maximum. For audio indication you can add buzzer SV4/12-S. 9V battery (not included). 2.2"x2.5". #K7101, \$10.99
Recommended housing, #G407, \$5.90



DC TO PULSE WIDTH MODULATOR for control for DC motors, lighting, small heaters. Pulse width modulation (PWM) produces a series of pulses whose duration is proportional to a DC voltage. This allows for very efficient control of DC motors and other DC operated devices. Overload and short circuit protected. Input voltage 8 - 35 VDC output current 6.5A. Dimensions: 3.4"x1.9"x1.8". #K8004, \$23.99

MULTIFUNCTION RELAY SWITCH.

15 functions including timers, switching, flashing, interval, random switching, ... Two pre-programmed delays. Learning mode for delays of 2s up to 12 days. Pushbutton control. EEPROM for delay time storage in case of power failure. On-board transient filter for the relay contacts. Suitable for control of incandescent lighting, halogen lighting, fluorescent lighting, fans, valves, buzzers,.... Requires 9-12VAC or 12VDC. Max. load: 2.5A (275W / 110V). 3.4"x1.5"x1.0". #K8015, \$26.99
Recommended housing, #G410, \$6.50



10-CHANNEL, 2-WIRE REMOTE CONTROL. Control 10 devices using only 2 wires up to 55 yards apart. Microprocessor controlled. Inputs can be push-buttons, switches or open collector outputs. The receiver section provides 10 open collector outputs that control relays directly. Terminal block connectors for all input and output connections. All outputs are provided with LED indication. Can be used with: K6711, K8000RS, K8006, or relay cards: K6714, K6714-16. 10 open collector outputs: 50V / 100mA. Requires single 12-15V AC or DC, 300mA. Dimensions: control pcb: 2.7" x 2.0" x 0.6"; receiver pcb: 4"x2"x1". #K8023, \$39.95

3 WATT MONO AMPLIFIER.

Small but powerful amplifier suits a wide range of applications such as: microphone amp, for doorbells, intercom, sound effects, earphones, radio receivers, PC sound card, musical instrument, etc.. 3 Watt RMS. Freq range: 50Hz - 20KHz. Gain: 32dB (40X). Short circuit & thermal protection. Requires 6 - 15VDC. Current consumption 500ma max. 1.6"x1.9". #K8066, \$15.60



SIGNAL GENERATOR. Signal output: sine wave, triangle, square wave and integrator (selectable through jumper). Signal frequency: about 1KHz (fixed). Output level: adjustable from 0 to 100mVrms (LEVEL potentiometer). Requires 9V battery (not incl.). 2.2"x1.6". #MK105, New, \$6.30

WATER ALARM. Gives alarm sound when water is detected. Incorporated alarm buzzer. Water sensor can be placed at a distance by cutting the board and using wires to connect the sensor. Requires 9V battery (not incl.). 1.8"x2.8". #MK108, \$5.20



INTERVAL TIMER. For intermittent operation of circuits and equipment. Blinking light, video/photo single frame shooting, slide projector control, miniature models. 3A/24V output relay with dry switch-over contact. Pulse time adjustable: between 0.5 and 5 sec. Pause time adjustable: between 2.5 and 60 sec. Power supply: 12Vdc / 100mA. 1.6"x3.4". #MK111, \$5.70

IR LIGHT BARRIER.

Applications: announce visitors, warn against burglars, set boundaries, for science projects,.... Audible (85dB) and visible (LED) alert. Range 3.3ft to 13ft. On/off switch provided. Requires - Transmitter: 9V DC / 50mA max; Receiver: 9V DC / 20mA max. 9V battery holder and adapter jack included. Transmitter: 2.2" x 1.6". Receiver: 3.9" x 2.0". Not for outdoor use. #MK120, \$8.90



RUNNING MICROBUG. Attractive bright colored bug-shaped miniature robot. The microbug is always hungry for light, it drives towards it! Two open chassis sub-miniature motors. Adjustable light-sensitivity suits almost any light condition and allows to control its 'bug-like' behavior. LED 'eyes' indicate driving direction. Stops in total darkness. Requires 2 x 1.5V AAA batteries (not incl.). 4.0" x 2.4". #MK127, \$10.99

QUIZ TABLE. Up to four players can compete. LED indicates first button pushed. Quizmaster 'RESET' -button with 'button pushed'-indication. Two units can be daisy-chained for eight-player-fun! With on-off switch. Requires 9V battery (not included). 4.3" x 3.1" x 1.1". #MK133, \$10.99



CLAP ON/OFF SWITCH. Operate your lighting with a simple hand-clap. Ideal for disabled or elderly people. Good immunity against surrounding noises. '1-clap' or '2-clap'-mode selection. '2-clap'-mode features built-in safety turn-off timer (5h approx.). Output relay 'pulse' or 'toggle' selection. Microprocessor controlled. Output relay with LED-indicator. Requires 12V DC / 150mA. With DC adapter socket. 3.1" x 2.9" x 0.9". #MK139, New, \$18.99

DUAL SUPER BRIGHT FLASHING RED LIGHTS. Two super bright red LEDs. Powerful flash effect for emergencies, warning signs, as eye-catcher, 'alarm-active' - simulation, etc. 'Auto turn-on at dark' - mode with adjustable sensitivity. On/off switch. Requires 9V battery (not included) (12V possible). 2.2"x1.3"x1.6". #MK148, \$8.60

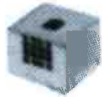


MANY MORE KITS AVAILABLE AT fairradio.com/kits.htm

ARC-5 Parts

SCR-274/ARC-5 COMMAND SET replacement parts:
 #7277 6-9.1 MC 1st IF, \$6.50
 #7279 " " 3rd IF, \$6.50
 #5856 " " oscillator \$6.50
 #7249 5.3-7 MC BC-458/T-21 xmitter PA coil, used, \$7.50

Infrared Device

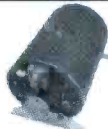


INFRARED RECEIVER/DEMODULATOR as used in televisions and VCRs for remote control; has infrared detector and an IC for signal processing. Requires 5 VDC;

0.7x0.6x0.6, 1 lb sh.
 #IFRD-TV, Unused, \$2.50 each; 6 for \$10.00

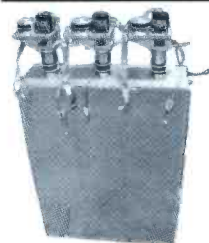
Cavities

Western Electric 1012A 475 - 525 Mhz cavity. Two type N connectors. 11.5x6.2x6.1, 10 lbs sh. #CAV1012A, Used good condition, \$49.50



220 Mhz Celwave cavity tunes approximately from 190 - 240 mhz. Type N connector. 21" long x 6.1" diameter. 9 lbs sh. #CPX220-12, Used good condition, \$99.00

135 MHz Tunable Cavity



118 - 135 Mhz Tunable Cavity. This is a large three section cavity for use in the range 118 to 135 MHz. No specifications available. Those of you who know about cavities could probably modify it for other frequency ranges. This unit has stepper motor and

encoder on each section. Bodine Mysync DC Stepping Motor 23X1BEHD Caltech Corp Bit encoder 8 bit Absolute 33X121. No info on circuit to use these motors, but you can manually tune the cavities or design your own control circuits. 8.3x26.5x42.9, 70 lbs sh. #TC-135, Used excellent condition, \$110.00

900-1100 MHz Cavity

TRANSMITTER TRIPLER / PRESELECTOR CAVITY MODULE from TACAN system in 900-1100 MHz range. Consists of preselector and four silver-plated cavities originally gang-tuned using ball-chain drive (not available) 10x7.5x2, 7 lbs sh. #4-CAV-93, used, \$57.00



Triplexer



TRIPLEXER from cellular application by Fuji Electrochemical Co. #EF-T02, Frequencies are as follows - Transmit: 835MHz, Receive: 880MHz, Lo: 784.36MHz. Has female push-on SMA connections for Transmit, Receive, and Lo and a female TNC connection for Antenna. Cast aluminum housing with a removable cover. o/a 4.3x1.5x0.8, 2 lbs sh. Appears to be unused, #EF-T02, \$5.00

850-895 MHz Modules

Modules from digital air to ground phone system. Receive frequency was approx 850 MHz and transmit 895 MHz. Removed from equipment-Excellent:



DITCOM MICROWAVE DF-2575 CIRCULATOR for 850-895 Mhz; 500 watts CW max, 3 KW peak. Isolation 20 DB min; insertion loss 0.3 db max. VSWR 1.25:1. Two SMA, one N conn; 1.4x1.7x1.3, 1 lb. #DF-2575, \$18.00

FERROCOM 9K15-S CIRCULATOR, 840-900 MHz; T-shape SMA-N-SMA conn. No further info; 1.9x1.9x1. #9K15-S, \$18.00

MILCOM 2-WAY COMBINER for 800 MHz, 2- SMA female & 1- male connections; 1.8x2.8x2, 2 lbs. #240-089, \$23.00



800-900 MHz Modules

MODULES & COMPONENTS from airline phone system operating in the 800 to 900 MHz range:



#IFPC COMMON module has two receiver input and two transmitter output sections. Has parts two each of Motorola filter 0850E05140 and 0895E05141, M/A- COM 7N526-6016 circulator in one section. Also 47.5 MHz local oscillator, 5 MHz piezo osc and IC's N80C169KB 16 MHz CPU, 27C256-20 32Kx8 EPROM, 3/84256-10L 256Kx4 RAM & related IC's. Requires +28, +12, -12 V; 11x6.5x3.2, 7 lbs sh. #IFPC, \$20.00

#IFPC-T/R MODULE, stripline receiver RF/IF and low power xmitter boards plus oscillator/AGC board each in separate cavities. Components S80C652-1 MPU, 2/84256A-10 RAM, 27C256JL E-PROM, two Sony 20102A D/A CONV, etc. Requires +12, -12 +5 VDC; 11x6.5x1.5, 5 lb. #IFPC-T/R, \$15.00

#AFF-PS MODULE, powered both above modules; has switching supplies Calex #24S12 (24 VDC in to 12 VDC 1.7 A out) and #12S5 (12 VDC in to 5 V 400 MA out); two RO Assoc 220-400 VDC input uVERTERS with one 28 VDC 10 A out and other 12 VDC 10 A out; and Vicor DC-DC Converter 250 VDC 35 W in to 5 VDC 25 W out. Also flat heatsinks, capacitors, etc. 11x6.5x3.3, 7 lb. #AFF-PS, \$12.00

8-12 GHz Oscillator Assy

8-12 Ghz Oscillator assembly from some Gigatronics device. Federal Stock Number is 6625-01-191-1980. The assembly consists of an Avanteq YO85-2218 8 - 12.4 Ghz oscillator and a Virtech VX-8012 Circulator or Filter??? 4 lbs sh. #101CA15400, Unused, \$100.



Wavemeters

p/o AM-1956/ GRC-50 Rx/Tx 1350.5-1849.5 MHz FM oscillators; cal book for tuning CHN #, MAIN TUNE, OUT FREQ, & REC OSC. BNC connections; 3x3x9, 5 lbs sh. #WAVE-1956, Used, \$20.95

1700-2600 MHz WAVEMETER, 20-turn vernier tunes in increments of 1. BNC connections; 1N21 diode output. On 3.5"W bracket; o/a 4.8"Hx2", 2 lbs sh. #SMD-302123, used, \$29.95

Bird Power Monitor

BIRD 4162D RF POWER MONITOR, rated 220-405 MHz 40 W. Measures incident and reflected power; VSWR 1.1:1 max. Usable over 145-500 MHz. Output 100 ua @ 5K ohm. RF connectors; output C, input BNC. DB-9 for DC outputs. 1.8x4x1, 1 lb sh. #4162D, NEW, \$22.95



SWR Indicator Circuit



STANDING-WAVE RATIO INDICATOR CIRCUIT, assemble a SWR meter using this 1.8" square 0-10 scale (FS=2 ma) meter

with filters, rectifiers & modified Schering bridge. One pair of bridge arms is resistive, the other capacitive. Circuit is balanced when antenna is tuned to 52 ohms resistive resulting in "0" reading on meter. Bridge: 2.5x 2.3x1, 2 lbs sh. #M701/CU-991, Used, w/info, \$10.95

SWR / Discriminator pull out from AM-3349/GRC-106 Amplifier which covers 2-30 MHz at 200 Watt AM and 400 Watt PEP. Has two R/A mini BNC connections and a 15 pin DB connector with 15 pin mating connector. 3.2x2.6x2.2, 2 lb. w/ schematic. #SWR-3349, \$12.00



SWR BOARD for HyGain radio; no further info. #PTSR006AOX, \$1.50

QRP Circuit Boards

SHORT-WAVE CW EXCITER/ TRANSMITTER by Ryan Communications; tiny 2"x4" high quality circuit boards cover active segments of ham radio low band frequencies @ 1.25 W CCS from 12 VDC power input into 50 ohms resistive. Output increases from 0.75 W-2.5 W as input varied from 10-16 VDC. RF Harmonics > 30 DB. Has 2N3019 power amp transistor and double Pi-net. Provision for HC-6 -33 xtal; norm-open contact-closure required for output. #SW-2, 1.8-2.0 MHz, \$37; #SW-4, 3.5-4 MHz, \$30; #SW-7, 7-7.5 MHz, \$25; #SW-10, 10-10.6MHz, \$25; #SW-14, 14-14.7MHz, \$25; #SW-18, 18-18.9MHz, \$29; #SW-21, 21-21.9MHz, \$33



Noise Activated Switch



NOISE-ACTIVATED SWITCH with sensitivity adjust and mic; 6 VDC input, 2"x2". #54-91, \$1.75 ea

S-Line Mechanical Filter

Circuit Board with #526-9310-009 mechanical filter model F455Q3. This "Y" style filter will fit S-Line equipment. 100K ohm in/out impedance. 3.5dB bw is 18kc, 70dB bw is 70kc. IF frequency of the filter is 455KHz. The circuit board also has two 5636 sub-mini tubes and various resistors and capacitors. No further info on circuit board. 3.9x3.5x0.8, 2 lbs sh. #CB-MECH, Used, \$15.00 each



Directional Coupler



Rockwell Directional Coupler for the AN/GRC-171B 20 watt, 200-400 MHz transceiver. SMA connector for RF input. RF output uses BNC connector. NOS# 5985-00-588-5285, 4.8 x 1.3 x 1.3, 1 lbs sh. #ROCK-DIR, \$30.00

225-400 MHz DIRECTIONAL POWER DETECTOR used in AM-6155 UHF power amplifier. Rated 65 watts forward; 15 watts reversed. Forward/ reversed DC output proportional to output/mismatch; sub-mini connectors provided. "N" RF connections; 4.5x1x1.3, 1#. Coaxial Dynamics #3023, Used, \$21.00



MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

VHF Doubler Module



A9 5820-00-411-1472 VHF DOUBLER BUFFER MODULE 116 - 150 MHZ Circuit consists of doubler, buffer and level/gain control. transistors are 2N4072 doubler, 2N5109 buffer, 2N2222 gain control amp. Power required +20 VDC. W/schematic. 6.75 x 3.75 x 1.5 overall 2 lbs sh. #Doub21-1472, \$12.95

TRANSISTORIZED CRYSTAL OSCILLATOR and BUFFER, 56 to 99 MHz with 75 °C temperature controlled oven.



Requires 5th overtone HC-6 (20 pf) crystal (not supplied). Has external oscillator input plus tuning meter & oven output. Requires 12-18 VDC regulated for oscillator; 22-39 VDC 1 amp for heater. W/BNC and SMA RF connections; DEC-9P plug for power. Part of GRT-21/22 xmitters. 6.5x2x3.3, 3 lbs sh. #OSC-8004290G1, used with Schematic, \$9.95

Carrier Monitor



Unit is used for remote check of xmitter operation. Good parts including 600 VDC 35 ma transformer; tubes 0A2, 6AL5, 6J6, 6X4; 600:600 ohm AF xformer, DPDT & SPST toggle switches two 49 pf trimmer caps, etc. LESS 3 pf 15 KV vacuum caps 6x8.5x6.3, 12 lbs. #CAR-MON-87, unused, \$8.00 As above but w/ vacuum caps, #CAR-MON/VC, \$17

Cubic R3030 IF Section

FIRST IF SECTION CUBIC FRONT END CONVERTER AMPLIFIER FROM CUBIC R3030 HF RECEIVER.



This module was the first gain and first conversion module in this premium receiver. First conversion used LO 40.455 - 70.455 Mhz, and second conversion used fixed LO of 40.455 Mhz to produce the IF output of 455 KHz. These oscillator signals came from another module which is not available. This module has the factory seals on it and is in excellent condition. 4.2x8.1x1, 3 lbs sh. #2140-1102, \$80.00

GPS Board



ROCKWELL SINGLE BOARD GPS. This very small board is a self contained

GPS Receiver Rockwell "Jupiter" GPS Receiver. Operates from 5 VDC with either an active or passive GPS antenna. 10KHZ output. NMEA output. There is a lot of info on the internet as well as data on part number TU30-D140.

Removed from equipment. 2 lbs sh., #GPSTU30-D140, \$79.50

For further information go to: www.gpskit.nl/documents/rockwell/jupiter-gps-board.pdf

Discriminator

PHASE & LOAD DISCRIMINATOR determines if load is <, >, or = to 52 ohms; also if R, C, or L. 3rd output relative to antenna current; with schematic. 2x3 x3, 2 lbs. #T201/180L, \$11.00



Collins Modules

Speech Processing Modulator for the SSB ARC-38A transceiver with two each F250Z4 Collins mechanical filters 926-9130-921. Center freq 251.8khz. Contains microphone amplifier and speech clipper circuits, balanced modulator for USB operation. With tubes 5896, 6021, 2/5840, & 6112. 3 lbs sh. #SPM-ARC38, Used, \$40.00

1 Mhz James Knights Modulator Crystal Oscillator plug in module. Output drives locked divider tubes to produce 500khz, 250khz, 100khz. Crystal oscillator module requires 28 VDC. 250 VDC and filament voltages also required for divider circuits. With tubes 5/6021, & 5636. With schematic. 3 lbs sh. #MCO-ARC38, Used, \$25.00

Collins 250 KHz IF assembly from ARC-38 transceiver. Has mechanical filters. F250A65 and F250Z4. Two 250Khz IF transformers. Tubes 5814, 3/5749, 5726. 3 lbs sh. #IF-ARC38, Used, \$35.00

250Khz Crystal Oscillator w/oven. 2/5749 tubes. #CO-250, Used, \$10.95



500Khz Crystal oscillator w/oven. With tubes 5654 & 5814. #CO-500, Used, 17.95



618S 250Khz IF Amplifier F250A67 250 khz mechanical filter 2/5726, 3/5749 3 lbs sh. #IFA-618S, Used, \$19.00

BC-746 Tuning Units

BC-746 Tuning Units for the POGO STICK radio BC-745 / SCR-511 radio. We have the following:



Channel 2, 3825kc no crystal #746-2-NC, \$12
Channel 4, 4845kc unused w/ crystal #746-4-WC,\$23
Channel 9, 3655kc used w/ crystal #746-9-WC,\$18
Channel 11, 4780kc no crystal #746-11-NC, \$12
Channel 12, 5030kc no crystal #746-12-NC, \$12
Channel 13, 5700kc no crystal #746-13-NC, \$12

BC-347 Interphone Amp.



BC-347 Interphone Amplifier, Part of RC-34, RC-35 or RC-36. Power required 14 VDC & 150-250 VDC. 5.8x3.9x2.4, 4 lbs sh. #BC-347, Used, \$16.95

Amplifier Converter

AM-6879 Amplifier Converter. 6.1x10.5x6.7, 16 lbs sh. #AM-6879, Used good condition not tested, \$550.00



Control Boxes



J-4024 INTERCONNECTION BOX, The J-4024/U is the interface between the TSEC/KG-84A and teletypewriter sets in GRC-106 communications shelters. Controls for transmitter 1 or 2, Receiver 1 or 2, power. Connections for teletypes and red transmitter/receiver, DLED.

15x8.1x8.1, 32 lbs sh., #J-4024, Used, \$45.00

C-7827/VCC Terminal Set Control allows switching for simplex, single channel duplex, or multichannel duplex of VCC or MRC-110/PRC-25/77. 4.7x10.5x2.7, 8 lbs sh. #C-7827, Used, \$40.00



Control Boxes



C-375 Control box for radio sets GRC-3-8 or VRC-8-10. Unit is a remote junction point and switching unit for the control and audio lines to two sets. 3.2 x 6.8 x 7, 6lb, #C-375, Unused, \$26.00



C-2742 VRC Remote Control Box works with the RT-246. 3.3x6x4, 4 lbs. #C-2742, Used, \$30.00



C-434 Local Control for GRA-6 system, Allows remote control of radio by field phone and wire. #C-434-U, Used, \$33.00 As above except. #C-434-UN, Unused, \$49.95

C-435 Control box, Used to duplex two GRC-3-8 LOCAL CONTROL p/o GRA-6, #C-435, Used, \$22.00

BC-616/ARC-5 Relay Junction Box for ARC-5 Radio System. #BC-616, Unused, \$20.00

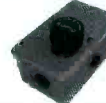


C-87/ART-13 Control Box for ART-13 transmitter. Has 11-position CHANNEL selector, OFF-VOICE-CW-MCW select, PTT button and IC jack. 3.5x6.3 x3.3, 3 lbs. #C-87, UNUSED, \$35.00

SB-327/ARC CHANNEL SELECTOR 24-51.9 MHz FM in 100 KHz steps on 3-digit counter; used with RT-294/ARC-44 Tx-Rx. 3x5.8 x4.5, 3 lbs sh. #SB-327, used, \$35.00



SWITCH BOX, #SA-474, \$12.00



BC-631 Remote Control Box for the SCR-522 radio set. #BC-631, Unused, \$12.00

BC-1366 JACK BOX, switch "Comp-Laison-Command-Inter-Call", Increase Output pot, 2 phone jacks. 3.3x4.8x3, 2 lb, #BC-1366, Used, \$12.00



RM-52 REMOTE CONTROL for radio and intercom set. Has transformer, mic & phone jacks. Source for "Macy's Phone Patch" project. Less terminals. 7.3x3.5x5, 5 lbs. #RM-52, Used, \$5.00

C-11291 Control for Sincgars Radio PRC-119. 4.6x5.9x4, 5 lbs sh. #C-11291, Used, \$58.00



GRA-39 Control

C-2329 Local Control from the GRA-39 control group. Has a mic amplifier gain of 55 db and a microphone pre-amplifier output of 5 mw. 8.8x8.9x4, 12 lbs sh. #C-2329, Used, \$69.50



C-2328/GRA-39 Control Front Panel with electronic components only. #FP-C-2328, Unused, \$99.00

Handset, #H-250, used checked, \$23.00

GRA-39 Manual Repro, #MM-GRA-39, \$18.00

CHECK OUT OUR LATEST FEATURE ITEMS AT FAIRRADIO.COM

Hardware

HARDWARE ASSORTMENT of washers, screws, nuts, rivets, terminals; 2 lbs sh. #HWA-2, \$2.50

Dual Banana Plug - Red. For standard banana jacks. #CM13R, \$1.09 ea; 3 for \$2.79
Dual Banana Plug - Black. #CM13B, \$1.09 ea; 3 for \$2.79



DUAL BINDING POST RED/BLACK. For standard banana plugs. Distance between connectors is 0.79". Drill hole is 0.15" (x2). 1.5" x 1.3". #CM14R, New, \$1.59; 3 for \$3.99

As above but gold plated contacts. #CM15R, \$2.19; 2 for \$3.99

BINDING POST for Banana plug. Length is 1.7". Drill hole is 0.3". Black color, New,



#CM3B, 2 for \$1.19; 4 for \$1.99
 As above but Red, #CM3R, 2 for \$1.19; 4 for \$1.99



BANANA PLUG SCREW CONNECTION. Solder connections. Length is 1.7".

New. Black color, #CM9B, 4 for \$1.00; 10 for \$1.99
 Red color, #CM9R, 4 for \$1.00; 10 for \$1.99

As above but gold plated. Black color, #CM10B, 3 for \$1.29; 5 for \$1.89
 Red color, #CM10R, 3 for \$1.29; 5 for \$1.89

HEX SPACERS

male-female thread or female-female (f-f) : #HEX-(thread)-(length)

Length	per 20	per 100
4-40 threads 1/4" dia metal		
1.375	\$6.50	\$19.50
6-32 threads 1/4" dia metal		
0.375	\$3.50	\$12.00
0.625	\$4.25	\$14.00
0.75	\$4.50	\$14.50
1.5 (f-f)	\$5.00	\$16.50
1/4"-28 threads 7/8" dia:		
2.87	4/\$4.25	20/\$16

TERMINAL STRIP with 28 silver-plated 0.8"Hx0.4" dia spring push-down binding posts on 15.3x3.9 x0.4" thick black phenolic board. Phenolic may have minor chips; 4 lbs sh. #TM-184-PT, Used, \$23

Older version of above with 0.6" dia white-brass screw-down terminals, #TM-184-ST, used, \$26.00

AUGAT single 8-terminal PC mount: 2"Lx0.6"W: #4PCV-08, 10/\$8.50

VARIABLE TERMINAL STRIPS, pairs removable to decrease or increase length. #GE-V12-TERM, 12 terminal pair 1.3Hx8.3Lx2"W, \$3.50 #BUC-V8-TERM, 8 terminal pairs 0.4"Hx3.5"Lx0.8"W, \$3

SHOCK MOUNTS you bolt to equipment.



STYLES: A B C

#SM-4A, 4 #,	2/\$1.20	#SM-6B, 6#,	2/\$1.20
-9A, 9#,	2/\$1.50	-12A, 12#,	2/\$1.75
-12B, 12#	2/\$2.00	-15B, 15#,	2/\$2.25
		-50C, 50#	2/\$3.50

Various Books



The Boy Electrician, 1940 edition. Covers: magnets; static electricity and machines; voltaic cells and batteries; electromagnetism and magnetic inductions; electrical measuring instruments; bells, burglar alarms; telegraphy; microphones and telephones; inductions coils; transformers; radio receiving sets; an experimental "wireless" telephone; electric motors; dynamos and more. Practical how-to plans and advice to build and have fun with all kinds of electrical equipment. Many illustrations. 403 pages, #21648, \$19.95

Dynamos & Electric Motors, How to Make Them and Run Them. Chapters include: the Siemens dynamo, the Gramme dynamo, the Manchester dynamo, the Simplex dynamo, calculating the size and amount of wire for small dynamos, ailments of small dynamo-electric machines, small electric motors without castings, how to determine the direction of rotation of a motor, how to make a shuttle-armature motor, fifty-watt under-type dynamo, and a four-hundred-and-forty-watt Manchester type dynamo. Some of the motors and dynamos are small table-top machines which would make great experimental projects. Lots of illustrations. 160 pages. #22539, \$9.95



Dangerous Electricity! Collection of articles on high voltage and high power machines from Mechanics & Electricity Magazine and Modern Electrics Magazine before 1914. A Tesla coil you could build 18" high and 5" in diameter. Construction of a Tesla coil with a secondary wound on a glass jar. How to build a high-frequency resonator, an X-ray set. Insulating wire, building a spark gap, a motor-driven mercury interrupter. Articles on high frequency electricity, a carbon-arc furnace, a coil winding jig for secondaries, and a water rheostat. 64 pages. #23411, \$6.95

Morse Code Training CD



Morse Code Trainer CODE QUICK - THE FASTEST WAY TO LEARN MORSE CODE! AUDIO CD and BOOK. Our technician here at Fair Radio, Gary Clements, insisted we carry this product. He said, "After only 2 weeks with this CD bundle I have passed my Element 1 Test and I am receiving code at over 6 WPM. This is an incredible technique that I highly recommend!" Six audio cd package with 60 page textbook and humorous cartoon cards. 2 lbs sh. New, Drop Shipped from California via Priority Mail. #CODE-CD, \$50.00

Code Quick 2000 Software for Windows 95/98/ME or NT/2000/XP, New, Drop Shipped from California via Priority Mail. #CODE-SOFT, \$30.00

Military Speakers / Amps

4"Speaker, ruggedized 8 ohm 2w perm. magnet type; 300-7khz resp. p/o of LS-166; 3 lbs. #LS-445, Used \$10.00

AM-6747/V Amplified Speaker for monitoring audio of R-442, RT-246/524 radios from remote location. Connection for H-189 or H-250 handset to allow remote keying of transmitter. Requires 28 VDC; can be modified for 12 VDC. Similar to AM4979; 5.6x5x3 + 2" top bolt; 6 lbs. #AM-6747, Unused, \$52.00

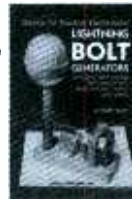


AM-4979/GRC, similar to AM-6747 but has 6 ft cord with U-229 plug. #AM-4979, Used need work, \$18.00



THORDARDSON TRANSFORMER MANUAL. Great for transformer reference, tube amp schematics and tube radio repair secrets. Full of info on schematics, parts lists, performance specs, etc on big push-pull audio amplifiers, modulators, microphone preamps, power supplies and almost any type of electronic gear that used transformers and chokes. 144 pp; #BK-THOR, \$11.95

Secrets of Building Lightning Bolt Generators - Walt Noon will explain the experiments he has run, the problems, the solutions, how to build low cost generators from parts on hand. In addition, build simple static machines, van de Graff generator, dirod generator, Pogeendorff corona motor and much more. 91 pp #BK-SCRT, \$6.95



MANUFACTURE OF WIRELESS COMPONENTS, Contains a series of articles showing how wireless components were fabricated with simple machine tools just after WWI. There are articles on making radio parts, jigs and fixtures, fabrication of honeycomb coils, manufacturing of moulded electrical and wireless parts, and more. 64 pp, #BK-MFG, \$6.95

A THOUSAND AND ONE FORMULAS. Back in 1920 people were hot to set up their own laboratories and invent something and become rich. Experimenter Publishing Company published books and magazines to wet their appetite. They reprinted the best information from the magazines in this book. Get formulas on cements and glues, metal-craft, photography, chemical lab hints, mechanical lab hints, electrical lab hints, and many more. Fun and interesting read. 160 pp. #BK-1001, \$9.95



SIMPLE SCIENTIFIC EXPERIMENTS. Describes 46 instructive experiments in electricity, magnetism, hydraulics, hydrostatics, light and acoustics. From a century ago. Build a model hydraulic ram, acoustic fountain, flour explosive, manufacture of gas, static electric motor, cheap x-ray tube, electromagnetism gun, pea suspended in air, HF currents, decomposition of steam with induction coil, fiery or flaming vortex ring, thermo-electric currents and more. Simple, fun experiments. 69 pp #BK-SIMP, \$8.95

New 3rd Edition Pocket Reference. Over 750 pages of information for engineers, do-it-yourselfers, travelers, teachers, & students. Example of contents: Air & Gases, Automotive, Carpentry & Construction, Chemistry, Physics & Math, Electronics, Electrical Wire, Motors & Frames, Science & Geology, Hardware & Tools, Plumbing & Pipe, Weights & Property of Materials, Welding, Over 3500 Conversion Factors, and MUCH more!! 3.2"W x 5.4" H, #BK-POCKET, New, \$12.95



TELEPHONES & MICROPHONES. You get details on building simple telephones. And that in itself is an interesting little experiment in electricity, metal working, and woodworking. Also, get the details of building carbon mics, and magnetic earphones. You get details on wiring them up into working telephone system with batteries, bells, ringing key, induction coil and more. If you're looking for a science project or want to build your own radio equipment, or even build a replica of an early telephone. 80 pages. #BK-TELE, \$7.95

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Old Radio Books



CRYSTAL RECEIVING SETS, How-to guide on building crystal sets and their components. Chapters include a simple and efficient receiving set, a single slider set, set with semicircular tuner, crystal set with tapped single coil, a loose-coupled set, set with plug-in basket coils, combined crystal and valve (vacuum tube) receiver, some miniature receiving sets, crystal circuits, how crystals work, making a buzzer, receiving CW signals on a crystal set, making a wavemeter from a crystal set, converting low-resistance phones, and the morse code. 125 pp #BK-CRY, \$10.95

IMPOVERISHED RADIO EXPERIMENTER VOLUME 1, Contains tricks, tips, and secrets to help the builder of simple radios and electrical gear achieve high performance at minimal cost. Also: vacuum tube substitutions; inexpensive tube power supplies; grid leak detectors; regenerative receivers and more. 48 pp; #BK-IMP-1, \$5.95

IMPOVERISHED RADIO EXPERIMENTER VOLUME 2. Contains information on building a grid dip oscillator, a shortwave converter, a slow motion dial drive, space-wound coils and more. 48 pp #BK-IMP-2, \$5.95

IMPOVERISHED RADIO EXPERIMENTER VOLUME 3. Contains information on building an impedance bridge, a one-tube SW receiver, a headphone amplifier, old-time radio cases and more. 48 pp #BK-IMP-3, \$6.95

IMPOVERISHED RADIO EXPERIMENTER VOLUME 4. Contains info on building a TRF regenerative receiver, a one-tube crystal converter, a versatile power supply, a slide rule dial and more. 48 pp #BK-IMP-4, \$6.95

IMPOVERISHED RADIO EXPERIMENTER VOLUME 5. Contains info on building a superhet receiver, a coil winding machine, a simple alignment oscillator, IF transformer and more. 48 pp #BK-IMP-5, \$6.95

The Impoverished Radio Experimenter Volume 6, Build a loose coupler. An early form of a doubly-tuned RF transformer. Learn how to use a commonly available transformer to get high voltage for tube plates. Simple, low-cost regulator that will turn any power supply into a rock-solid performer. Build several loop antennas. Take a loop antenna and turn a basic Franklin oscillator circuit into a regenerative receiver for AM bands and lower. Take an oscillator circuit and turn it into a receiver by attaching filters for the various signals. Get notes on amateur band code transmitters from past QST articles. Schematics & basic info on single tube AM band transmitters. 48 pages. #BK-IMP-6, \$6.95



OFFICIAL 1934 SHORT WAVE RADIO MANUAL, Build simple, high performance old time shortwave radios! All of the secrets are here: the circuit diagrams, parts layout, coil specifications, construction details, operation hints, and much more. This is a compilation of construction articles from "Short Wave Craft" magazine. 260 pp, #BK-1934, \$15.95

1935 Official Short Wave Radio Manual. The most important developments in short-wave transmitter and receivers are covered in this new edition of the manual. Contains wiring diagrams and the values of the various condensers, resistors, etc., of all the principal short-wave receivers. Plenty of articles on small receivers and transmitters which can be built at a small cost. 240 pp, #BK-1935, \$18.95

AMATEUR RADIO BEGINNERS GUIDE, Learn how to build a regenerative receiver and a crystal controlled breadboard cw transmitter that will allow you to talk to people all over the world. Chapters include: introduction to amateur radio, learning the code, receiver theory and construction, crystal oscillator transmitter, two-stage transmitter, three-stage transmitter, construction of modulator for three-stage transmitter, and reference. 155 pp #BK-AMA, \$9.95

SECRET - US AIRBORNE RADAR SETS Nov 1, 1944. Covers basic information about the early radars that won WWII. Covers frequencies used, aircraft installed in, type of power output tube, various components of system. No pictures, sorry. A reprint by Sam Hevener, a well known WWII aficionado. 11x8.5, 176 pgs, #BK-1944, \$19

U.S. Armor and Communications, Reprint of info on various radio equipment and accessories used by the U.S. military during the 1970's. Used at Army Armor school Ft. Knox. 200+ pages. Tape bound. #BK-ARM, \$17.50

BUILD A UNIVERSAL COIL WINDING MACHINE. Shows how to build a coil winder like those available in electronics catalogs years ago from common, easily-obtained materials. This amazing machine will professionally wind universal and honeycomb coils, single layer and multilayer solenoids, close-wound and space wound coils, and even pi-spaced coils such as used for RF chokes and transformers. Loaded with illustrations, dimensions, and step-by-step text. 24 pp #BK-WIND, \$8.95



Experimental Crystal Set Receivers Book, Issues of Modern Electrics from 1911 and 1912 provided the Experimental Department where letters from experimenters were reprinted. Here you get the best of those letters. Illustrations of a wide variety of make-shift equipment that was being fabricated by impoverished experimenters. This isn't so much about crystal set circuits as it is about building the components needed. You get ideas on building coherers, variable and adjustable condensers, sliders for tuning coils, making a universal detector, galena detectors, and much more. 48 pages, #23276, New, \$6.95

How to Build the Twinplex Regenerative Receiver, Shows 3 different receiver projects. Build your own regenerative receiver using twin triodes or even a 3 transistor circuit. Sensitive and stable. Use old tube bases for coil forms. Build as a old time replica or with fet's and transistors. Schematics and chassis instructions. 63 pgs, #BK-TWIN, \$7.95



VACUUM TUBE REGENERATIVE RECEIVER. Build your first regenerative receiver. You'll see where the parts come from, how they're chosen, and how they're made to work together. This will be a real working receiver that was built from salvaged material on hand. Tube regen receiver are easy-to-build and very low-cost. 128 pp. Includes directions & schematics. #BK-REGEN, \$9.95

Mag Amp Books

"Magnetic Amplifiers", Magnetic Amplifiers Another Lost Technology by the U.S. Navy (1951), edited by Trinkaus. First came the vacuum tube, then the transistor, right? Not really. In between there is another lost entity. Electronics engineers of the 1950's believed the rugged little magnetic amplifier was going to replace the fragile vacuum tube in all its functions under a megacycle. The mag amp not only can regulate but can magnify, modulate, switch, pulse-generate, invert, convert, multivibrate, phase shift, and multiply. Modulate your Tesla coil with a mag amp. 43 illustrations.



"Magnetic Amplifiers Bibliography", A supplement to Magnetic Amplifiers. Most of the citations are of patents you can still easily access. There are also citations of scientific and engineering journal articles, of military documents, and of proceedings of the Institutes of Electrical, Electronics and Radio Engineers. Entries range all the way from the year 624 BC to 1951. A must for further research into the lost technology of the magnetic amplifier. #BK-MAGNETIC, Get BOTH books! List Price, \$20.50; Our price, \$17.25

Tesla Books



"Tesla: The Lost Inventions", Here are the suppressed inventions of Nikola Tesla. His later inventions, have never been utilized as Tesla intended despite their potential for advancing technology of modern civilization. Among these inventions: high-frequency lighting, the magnifying transmitter, a radical high-power radio, and many more. 42 illustrations. #BK-TLOST, List price, \$7.75; Our price, \$6.95

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Octal Ceramic PC mount. #GZC8-Y, Unused, \$1.20

Octal bakelite, ring, #SK-OCT-R, used, 2/\$1.00

9 pin mini Ceramic 2 hole mt. #GZC9-F, Unused, \$1.10

9 pin mini Ceramic 2 hole mount w/ collar for shield. #GZC9-F-B, Unused, \$1.20

9 pin mini Bakelite 2 hole mount w/ collar for shield. #PCP9-1, Unused, \$1.05

9-pin mini ceramic w/ collar f/shield, #SK-9M, used, \$4.50

9-pin mini PC mount black, unused, #SK-9PC-BL, \$1.50

9-pin mini PC mount brown, unused, #SK-9PC-BR, \$1.55



12 pin Compactron Ceramic Socket that fits a 6KD6 tube, etc... #GZC12-F-1, \$2.95

SUB-MINI, round, long-lead, #SK-MIN, unused, \$1.00

Acorn Flat Ceramic Socket #SK-ACORN, Used, \$6.00

4X150 Dual Socket Assembly from the T-195, two sockets on 4.3" x 2.9" chassis with 1.1" H bakelite chimneys; #4X150/T195, used: \$23; 2 for \$37.00



4CX250 Socket & Chimney Air system type socket with screen bypass capacitor. Comes with chimney. Works with tubes 4CX250, 4X150, etc... #SK620, Used, \$28.

Two Johnson #244 Ceramic

Sockets mounted on an aluminum plate 3" deep x 7.5" wide. Each of the sockets has a 1 7/8" diameter removable mounting clamp. Works with C6M, 576 tubes etc. 3 lbs sh. #DUAL-244, Used, \$14.00



Plate Caps



Ceramic Plate Cap for 1/4" diameter, #MCV, Unused, \$1.19 each; 5 for \$5.00

Ceramic Plate Cap for 5/16" diameter, #MCX, Unused, \$1.39 each; 5 for \$5.75

Ceramic Plate Cap for 3/8" diameter, #MCZ, Unused, \$1.59 each; 5 for \$6.50

Ceramic Plate Cap for 1/2" diameter, #MCD, Unused, \$1.99 each; 5 for \$7.50

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

\$4.50 Unused / \$2.50 Used - Vacuum Tubes

- MANY other tubes available. Visit our website for a much more complete listing or tell us your needs.
- If you specify unused and unused is sold-out, we will ship used checked, unless you specify "unused only".
- Many tube types available in glass and metal. Please specify if you have a preference.

The tubes listed below are \$4.50 unused and \$2.50 used.

0A3 0C3 0D3 0Z4 1A5 1B3 1B4 1C5 1E7 1J3
1L4 1N6 1P5 1R4 1R5 1S2 1S4 1S5
1T5 1X2 1V2 1LA4 1LC5 1LD5 1LE3 1LN5

3B4 3D6 3Q4 3Q5 3S4

5A6 5AN8 5J6 5T8 5U8 5V6 5W4

6A6 6B8 6C4 6F8 6G6 6H6 6J4 6J5 6J6 6K4
6L7 6N7 6R7 6S8 6T4 6T8 6U6 6U8
6V3 6V7 6W4 6X8 6Z4

6AB4 6AB7 6AC7 6AF3 6AF4 6AF9 6AF11
6AG5 6AG7 6AH6 6AK5 6AK6 6AL5 6AN5
6AN8 6AQ5 6AQ7 6AS5 6AS6 6AU4 6AU5
6AU6 6AU7 6AV5 6AV6 6AX4 6AY3 6BA11
6BC5 6BC8 6BD5 6BD11 6BE6 6BH6 6BJ3
6BK5 6BK7 6BN4 6BN6 6BQ6 6BQ7 6BU8
6BX6 6BZ7 6CB5 6CB6 6CD6 6CF6
6CM7 6CS6 6CS7 6CU5 6CU8 6CY5 6CY7
6DA4 6DE6 6DG6 6EA5 6EB8 6EH4 6ES5
6GJ7 6HB7 6HS8 6JT8 6JZ8 6LE8 6LU8
6MN8 6SD7 6SF7 6SH7 6SK7 6SQ7 6SR7

7A4 7A5 7A6 7A7 7A8 7B4 7B8 7C4 7C7 7E6
7E7 7J7 7K7 7L7 7Q7 7R7 7S7 7T7 7V7 7W7
7X6 7X7 7Y4 7Z4 7AD7 7AG7 7AH7 7AK7 7AU7

12A6 12A8 12B4 12C8 12D4 12H6 12J5 12J7 12K7
12K8 12L6 12V6 12W6 12X4 12Z3 12AC6 12AH7
12AX4 12AZ7 12BA7 12BF6 12CA5 12SF5 12SH7
12SJ7 12SK7 12SL7 12SR7 12SW7 12SY7

14A5 14B8 14C5 14C7 14E6 14N7 14R7 14W7

17D4 17AX4 17BF11 17GW6 19T8 19AU4 19X8
21GY5 21JV6 25L6 25W4 25Z5GT 25Z6 25BQ6
25DN6 32L7 35A5 35B5 35C5 35L6 35Z3
35Z4 45Z5 50Y6 70L7 117Z4 117Z3 117Z6

34 35/51 36 38 39/44 43 55 57 58 77 78 79 89
5651 5654 5670 5725 5726 5727 5750 5963 5965

6005 6136 6186 6888

7056 7167

9001 9002 9003 9004 9006

Unused Tubes

UNUSED in original military or commercial boxes:

1B35	\$25.00	957,	958,	959,
1B36	\$39.00	acorn,		\$5.95
2C43	\$23.00	1619		\$7.00
2E26 RCA	\$6.00	5718		\$7.00
2K25 Raytheon,	\$36.	5719		\$10.00
3C23	\$32.00		Raytheon,	
3D6,	\$7.50	5755		\$10.00
5A6,	\$8.00	\$2.95	10/\$25	100/\$195
4D32 Raytheon,	\$17.50	5763	various,	\$9.95
10/165.	32/\$480.	5824,		\$13.50
6AH4,	\$10.00	5998A	Syl,	\$16.00
6AJ5 Tungsol,	\$3.50	6080WC	GE,	\$8.00
6A28 ECG	\$6.95	6146W	GE,	\$22.00
6B4GA, Sylvania	\$33.00	6159		\$17.00
6CB6A RCA,	\$3.00	6189W		\$7.75
6CG7	\$9.00	6336B	Cetron,	\$45.00
6DC6 various,	\$6.50	6687		\$6.75
6DK6 GE,	\$3.00	6883B/8552	ECG,	\$15.00
6DQ6,	\$7.00	6888	Sylvania,	\$14.95
6F8,	\$7.50	6922	ECG, \$6.95	10/\$59.50
6SG7	\$3.00	6SH7		\$3.00
6SJ7 Metal	\$7.00	7189A	Int. SvcMstr	\$19.50
6SL7	\$9.00	7193		\$6.25
6Z4/84,	\$6.50	7308	Amperex,	\$14.00
12AT7	\$8.50	7360	ECG,	\$29.95
12BE6 GE,	\$3.25		NUVISTORS	
12DQ6,	\$9.00	7586		\$27.00
12SN7	\$5.50	7587		\$32.00
24A or 27	\$9.50 each	8056		\$18.00
30,	\$16.50	8058		\$35.00
53	\$6.50			
84	\$6.50	8533	Eimac,	\$15.00
717A	\$15.00	8552/6883B	ECG,	\$15.00
811A Made in China,	\$15			
811A Cetron,	\$25.00	26	SERIES TUBES	
884 or 885	\$7.50 each	Used \$3;	26A7, 26E6	
954-955 acorn,	\$3.95	Unused \$5;	26D6, 26E6	

Pull-out Sale

"pulled-out" of equipment-- NOT TESTED/ NOT GUARANTEED! (One tube type per quantity!):

10 for \$8.00; 100 for \$50.00
6AC7 6AG5 6AH6 6AK5 6AL5
6AS6 6CB6 6J4 6J6 6W4GT

OTHER "PULL-OUTS"

10 for \$10.00. 100 for \$75:
6AQA 6U8 6005

Sovtek Tubes

Electro-Harmonix

A premium quality tube mfg by Sovtek. "EH" =

Type	Price	10-24	25+	Mtch Pr
6L6EH	14.25	13.25	12.25	32.55
6V6EH	9.95	9.50	8.95	20.00
EL34EH	12.25	11.70	10.70	28.45
12AX7EH	8.95	8.50	7.95	N/A
12AT7EH	9.95	9.50	8.95	N/A
12AU7EH	9.95	9.50	8.95	N/A
12AY7/6072EH	11.95	11.50	10.95	N/A

Other Sovtek tubes new:

Type	Price	10-24	25+
5AR4	11.95	10.95	9.50
5Y3GT	10.95	10.50	9.95
6BQ5/EL84	8.25	7.70	7.25
6L6GB	8.95	8.40	7.95
6SL7	9.25	8.80	8.25
6SN7	9.25	8.95	8.50
12AX7WA	8.40	7.85	7.40
6550WE	23.95	22.95	21.95

KT66 \$22.95 each; 10 to 24 pieces at \$20.95 each;
25 and greater \$19.95 each

\$49.95 for matched pair; \$99.90 for matched quad

KT88, \$24.95 each; 10 to 24 pieces at \$22.95 each;
25 and greater \$20.95 each;

\$53.95 for matched pair; \$107.90 for matched quad

Used Tubes / Grab Boxes

USED-checked (US-mfg):

01A (ST), 17.95; 2E22, \$18.00; 3E29, \$9.00;
5U4GB, 5Z3, \$4.75; 6AS7G, \$6.00;
6JB6, 6LB6, \$12.50; 6SL7WGT, \$4.00;
6V6GT, \$7.00, 24A, or 27, \$6.00;
26, 42, 75, \$9.00; 45 ST, \$36.00; 71A, \$17.00;
80, 807, \$9.00; 6080W, \$4.25;

GRAB BOX TUBE SALE

3 lbs of varying types of unchecked used or unused tubes. Randomly picked from our inventory of tubes of low demand. #TB-GB-3, \$20.00

As above but 6 lbs. #TB-GB-6, \$30.00

Power Amp Tubes



4CX350F/J 26VDC Power Tube.
Has a maximum plate dissipation of 350 watts.
Removed from equipment, \$65.00

4CX300A / 8167, JAN Eimac Unused, \$45.00
4X150D, 26 V filament, used STT, \$16.00
4X150G, coaxial type, used STT, \$19.00

152TH Triode for modulators, oscillators, & amplifiers. 5/10 Volts at 12.5/6.25 amps. Large 4 pin base. Eimac/Eitel-McCullough mfg. Unused, \$100.

8906 tube is also a ceramic metal planar tube. Filament voltage 6V; Max plate watts = 10; Max plate volts = 2500. Used checked, \$60.00

7815 similar to 8906 but max plate volts is 3500, \$55

7554 HIGH MU TRIODE. Heater-cathode, ceramic-metal, pencil type used as rf amplifier, oscillator, and multiplier in airborne equipment. Used STT, \$29.50

Unusual Tubes

No markings but looks like some kind image or photomultiplier with 14-pin basing. 4.8"Hx 2.3" dia glass + two 1/2"L contact pins opposite each on tinted end of cylinder; 1"L glass extension from side. #XTUBE-98, \$20.00

702B mfg by Sylvania. This unusual tube appears to be a special diode for UHF applications. Clear glass with gold plated rings. Great collectors piece! 1" dia x 2.3"ht., Unused, \$15.

JAN 705A RECTIFIER, 4-pin base; 5"Hx2.3" dia. used \$4

GL-6044 oversize 6-pin w/ 4 tabs; 5.3"Hx2.3" dia. UNUSED, \$5.00

C6M THYRATRON, 8.5"Hx2"dia Used, \$4

Klystron / TWT

6116 REFLEX KLYSTRON METAL VACUUM TUBE, a rugged version of the 2K45. Requires 6.3V at 762 milliamps. Reflector voltage: -95 to -145. Frequency range: 8500-9660 MHz. Power output: 32 milliwatts. Output coupling: waveguide RG-52/U. Unused, \$29.95

SRL-7H for 2160-2400 Mhz; 6.3 V filament, -1000 VDC beam V; reflector volts -1300 to -2000 V. Coarse & Fine Tune slugs, N-conn & octal base. 6.5"x 5.2"x4.5", 4 lb unused w/info, \$49.50

VARIAN VA-98M/8901 KLYSTRON, 23.6 - 24.4 Ghz 100 mw CW; Eb=500 V @ 40 ma. 2.8"Lx 1"Hx1.3"D w/ 6"L wire leads; 2 lbs sh. NEW, \$125.00
Filaments checked; but not guaranteed.

RCA 4012/A1157 TRAVELING WAVE TUBE, 2.0-4.0 Ghz, 36 db min., 20 mw min. 15.5"LX3.5"Hx1.5"W. 4 lbs UNUSED, \$40.00

Geiger Mueller Tubes



Geiger Mueller 5980 (also known as BS-2) Tube from the PDR-27 radiac set, Unused, \$35.00



Geiger Mueller 5979 (also known as BS-1) tube for PDR-27 radiac sets, Unused, \$39.50

Antique Globe Tubes

Tubes below are used-checked;

01A, \$19.75
224/324, 235/51, \$8.95;
227/327, 239/44, \$11.95;
226/326, \$13.00; 80/280, \$33.95; 245/345, \$69.00;

SEE A MORE COMPLETE TUBE LISTING AT fairradio.com/tubes.htm

Sonalert - LOUD !!



2 to 6VDC Sonalert mounted on a 2" x 2 3/16" aluminum panel with 4 mounting holes. This unit is very loud at 2VDC and almost intolerable at 6VDC. 2 lbs sh. #SONA-6, Used Excellent, \$4.75

Sounding Device

MINI PIEZO SIREN 6-15Vdc / 140mA 107dB LEAD TYPE. Made from high impact ABS plastic. Dimensions : 1.5" x 1.7" x 2.2". 1 lb sh. Mounting holes: 0.87". #SV/PS1, \$4.99



Faraday Horn

FARADAY 48 VDC 100 ma HORN, made for Bell Telephone; makes loud, penetrating sound w/ screwdriver volume adjust. Steel construction; recess mount. Front size 4x4x1.3 1.3" panel depth. 3 lbs #KS-12037L2, New, \$6.95

LOUD BUZZER HORN as used in smoke alarms; 2" dia x1.3". #41-81-6, 6VDC \$1.50 ea; #41-81-12, 12VDC \$1.60 ea



Alarm Bell



ADAPTABEL INDUSTRIAL ALARM BELL, 5.8" dia bell operates from 6 VDC 250 MA for non-fire use. Heavy metal cast construction with mount hardware; 3 lbs. Edwards #435-6C1, new, \$12.00

Speakers

3 X 5 SPEAKER, 1 watt at 16 ohms with 1.8" dia magnet; 1 lb sh. NEW, #SPK-3-5, \$1.50 ea; 10/\$12; 100/\$95



4" Square Speaker. 8 ohms rated at around 2 watts. 1 1/2" depth. 2 lbs sh. Unused, #SPK-4, \$3.95

2 3/4" Round Speaker with no mounting holes. 45 ohms rated at around 1/2 a watt. 1.1" depth. 1 lb sh. #SPK-2.75, Unused, \$2.50



7" Audio Tape

7" Professional Audio Tape by Ampex model 631. This is the 1.5 mil tape, 1200' of 1/4" tape. These reels of tape are excellent for DBX reels and others to decrease tape noise, consider by many as the standard for reel recording. These reels are truly the standard for audiophile recordings, and a must for the reel collector. 3 lbs shg on one. 10 lbs shg on twelve. #TAPE-631, Unused, \$3.75 each; 12 for \$39.95; 24 for \$65.95; 96 for \$150

Transistor Audio Amplifier

TRANSISTOR AUDIO AMPLIFIER w/5-transistors, On-Off-Volume and Tone controls. Inputs for ceramic or crystal phono cartridges. Other possible uses as intercom, homebrew receiver, child's projects. Use with 8 or 16 ohm 3" or 4" speaker. Requires 6-9 V AC or DC; with schematic. 1.5 x 2.3 x 3.3. #ER-10-1231, NEW, \$3.50 ea; 2 / \$5.75; 6 / \$13.95; 100/\$150.00



Battery Charger



NI-CAD CHARGER PP-6241 SOLID-STATE BATTERY CHARGER for silver-zinc or nickel-cadmium types. Three independent charging units with out-puts 8-16-32 VDC or 0-36 VDC in 0.1 V steps; 1 or 2.25 amp charge. With cables

CX11971, CX11972, and CX11973. Requires 115 VAC 45-440 Hz Input. 11.5x 13.8x11, 46 lbs. w/ book. #PP-6241-U, Used, \$45.00

Charger/Conditioner Kit

Kit require insertion & soldering of components!

UNIVERSAL BATTERY CHARGER / CONDITIONER. NiCd and NiMH batteries or different can be charged both quickly (52 minutes) and normally (14 hours). Usable battery voltages: 1.2V, 2.8V, 3.6V, 4.6V, 6V, 7.2V, 8.4V and 9.6V. Charge current: from 15mA to 750mA. Battery is fully discharged prior to charging and thus has a longer life. 3.4"x3.1". #K7300, New,\$24.95 Recommended housing: #G311, \$7.56



Audio Filter



AUDIO LOW PASS FILTER. No specs available, but output is good from 10 hz to the limit of the filter. The drop off is very quick. The circuit is passive and causes an approximate 50 % attenuation of the signal. The input impedance seems to be about 2400 ohms. 4.5 x 1.5 x .5,

7.5khz LPF #FO70975, \$5.95
15khz LPF #FO69215, \$5.50

Alarm Horn

Dual Horn Electronic Assembly made by Conair Division of General Dynamic. Operates on 28VDC 2 amps at 130DB plus. Will not operate properly on 12VDC. Comes in O.D. Green louvered housing. 17.2x13.8x14.8, 40 lbs sh. #76L2661-1, Unused, \$140



Megaphone



\$25 Watt Hand-held Power Megaphone with shoulder strap. With siren, Detachable anti-howl microphone with coiled lead, On/off switch, Handle with on/off switch, Separate microphone with lock function, ABS housing, Microphone sensitivity: -

36±1dB (0dB = 1V/pa), Frequency response: 500 - 8KHz, Power supply: 12Vdc (8 x 1.5V D battery, not incl.), Horn dimensions: 9.5" x 13", Length: 14". #M25SM, List Price, \$85.00; Our Price, \$75.90

PA Horn Speaker

Aluminum Horn Speaker 40 Watt, Round 12", Dark Gray, Frequency response: 250 - 6000Hz, 8 ohms, SPL: 106dB, 12.4" x 11.1", 7 lbs sh. #PAH4012T, New, \$49.95



50 Amp P.S. Chassis



PP-4763/GRC POWER SUPPLY, produces 28 VDC 50 amps from 115 VAC 22 amps 47-63 Hz 22/11 amp input; solid-state with +/-0.5% regulation. Has meters 0-50 VDC and 0-80 amps DC; 13.5x 19.5x15, 145 lbs. #PP-4763-LM, Used less control card, both mtrs, and circuit breaker, \$140.00 Manual repro, #MM-PP-4763, \$18.00

24V - 12V Converters

24VDC TO 12VDC 20 AMP CONVERTER. Compact design for in-car use. Input 24VDC. Output 12VDC. Maximum current 20 amps. Banana plugs. Fuse protected. Drop shipped from Texas. #PSDC20, New, Regular Price \$79.90; Our Price, \$58.95



24 - 12 VDC Converter. Compact design. Input 20-30VDC. Output 12VDC. Maximum current 5 Amps. Cigarette lighter plug. Fuse-protected. 3 lbs sh. #PSDC05, New, \$21.95



Wall Transformers



AURORA TOY WALL TRANSFORMER, changes 120 VAC to 9.5 VDC 350 ma output. 6' cord with slide lugs; 2 lbs sh. #AUR-95V34VA, 2 / \$4.50

CERVCO AC ADAPTER, 11.5 VAC 175 ma out-put; 6' cord w/o lugs. #CER-11.5V, 2 / \$3.50

Secondary 8VAC 375ma Wall Transformer by Hewlett Packard. 120VAC input. #82059D, Unused, \$2.00

13 VDC 1 Amp Wall transformer from 120VAC input. 6 ft cord w/ "Barrel Type" DC power connector O.D. 5.0mm; I.D. 2.5 mm. 2.6x 2.2x3.4, 2 lb, #TAACA0201, \$3.00



Electronic Trainer



Nida Trainer Model 130, Originally for electronic class troubleshooting instruction. This unit is power supply and test frame only, no test circuits. plus and minus low voltage power supply each 6, 9, 12, 15 volts and variable to 24 vdc current limited 25, 50, 75, to 100 ma variable. Also high voltage 50, 100, 150, 200 to 250 vdc variable with current limit of 10, 20, 30, 40 to 50 ma variable. Large voltmeter and milliamper meter to monitor the output. Mini toggle switches under front panel to switch problems into circuit. This would make nice tube/low voltage breadboard station for your shop. Requires 115VAC 60Hz. 14.7x18x9, With Schematic. 25 lbs sh. #NIDA-130, Used, \$57.00

Industrial Transformers

Taps 90 thru 3KV at 20KVA at any tap #3KV-20KVA,\$999 (Primary 160V 137.5A) 5 - 3000Hz One Phase 20.3x16.5x22.5, Open Frame, Approx. 500 lbs

115/270V 4.9KVA 10x9x9.7 (C) 100 #44-115V-4.9KVA,\$275 115/135V 2.7KVA (600VAC only primary)

71V 53.5A 8.7x9x9.2 (C) 80 #44-71V-53.5A, \$225 (Primary 200/230/380/415/460/575VAC)

229V 70A 3 Phase Y 22.5x11.3x18 (C) 400 #SHED-Y,\$695 (Primary 420/440/460/480/500V 37-31A)

230V 250KVA 5.8x5.4x5.9 (C) 19 #42-230V-250KVA, \$42 (Primary 208/270/325/380VAC)

PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

Low Voltage Transformers

All 120 VAC 60 Hz primary unless otherwise noted; styles as indicated; may be "used" or "unused": Dimensions listed below are case only, so make allowance for terminals. Weights listed below are considered SHIPPING weights. Limited stock.



STYLES (A) (B) (C)

SECONDARY SIZE STYLE WT STOCK # PRICE

2.5VCT 10A, 2.2x3.7x2.4, (C) 3 #166S2, Hammond Mfg, New, \$20.36; 4 pcs \$17.48 ea

5VCT 3A, 1.8x3.3x2, (C) 3 lbs sh. #166MS, Hammond Mfg, New, \$12.54; 6 pcs \$10.86 ea

Two 5 V 3 A 3x3.3x3.4 (C) 7 #P-6333 \$19.95
7.5/6.3 VCT 3 amps, 6.3 VCT 4 A

6.3V 1A 1.7x1.9x2.9 (A) 3 #38-6.3V-1A, \$5.00

6.3VCT 4A, 1.8x3.3x2, (C) 3 lbs sh. #166N6, Hammond Mfg, New, \$17.85; 5 pcs \$15.19 ea

6.3VCT 10A, 2.25x4.1x2.7, (C) 4 lbs sh. #166S6, Hammond Mfg, New, \$29.24; 3 pcs \$24.92 ea

12 V 9 amp, 5.3x4.3x4.8(C) 22 #P-601719 \$10.95
12 V 3.2 A, 12 V 2 A, 44 V 2.5 A. (12 V windings can be wired to produce 12 V 14 A)

12.6VCT 4A, 2.13x3.7x2.4, (C) 3 lbs sh. #166N12, Hammond Mfg, New, \$29.24; 4 pcs \$18.71 ea

12.6VCT 8A, 2.5x4.5x3, (C) 5 lbs sh. #166R12, Hammond Mfg, New, \$30.45; 3 pcs \$25.85 ea

14VCT 2A, 1.8x2.7x2.2, 3 #F-251X, \$7
Open Frame

16.5 VCT 2 amps 2.6x2.5x2 (C) 2 #BE15869 \$5.00

18V 5.4A, 4.5x4.8x4(C) 16 #401-21 \$10.95
26 V 1 A, 6 V 900 ma,
25 V 500 ma, 35-10-0-10-35V 5 A

18 V 1.5 A, 3x4x3.5 (C) 7 #BE12696 \$6.00
19 V 2.5 A, 10 V 4 A

22VCT 3 Amps 3.8x3x4 (B) 8 #3S92890015 \$11.95
80VCT 1.5 Amps

24V 20VA, 2.1x2.6x2.5, (B) 2 #6-24V-20VA, \$4.95

Taps 24/19/10V 1KVA at any tap 6x11x14 (A) 84 #M1539,\$99

25VCT 8 A 4 x 3.6 x 5.3 (A) 13 #200P25GT \$16.95

25.2VCT 2A 2.1x3.9x2.6 (C) 4 #F-41X, \$10.00

29.2V 2A 3.5x3.9x3.5 (A) 7 #612-29.2V-2A, \$10.00
22.5V 2A

2x30 V 250 MA 1.8x2x1.5(C) 1 URC#60605 \$3.00

30 VCT 560 ma 2.5x2.3x2 (C) 2 #401-6 \$3.50
40 VCT 450 ma

32 V 3.5 amps 3.3x2.8x2.3(C) 4 #2-111219 \$6.95

32 VCT 1.5 A; 2.5x2.6x2.1(B) 3 #142259 \$4.95

35 VCT 1A 2.5x2.8x3(B) 3 #1341155-2 \$3.00
Rusty condition

36 VCT 2A 2.9x3.5x2.3 (B) 3 #SR-448 \$5.95

38VCT 1.4A 2.2x3.3x2.3 (B) 4 #203A6725, \$6.00
5V 1 amp

38.9V 4A 2.6x3.8x3.5(C) 5 #021/0220050 \$8.75
tapped 26-9-3-0.9 V, 150 VCT 200 ma

40VCT 1A 2.2x3.7x2.2 (C) 4 #URC56000, \$6.00

46VCT 1.5A, 3.3x3.9x5.5, 11 #43-46V-1.5A, \$11
74VCT 150ma,

70 VCT 5 A, 4.5x4.8x4 (C) 16 #401-21 \$10.95
tapped 20 VCT; 18 V 5.4 A, 26 V 1 A, 6 V 900 ma

80VCT 1.5 Amps 3.8x3x4 (B) 8 #3S92890015 \$11.95
22VCT 3 Amps

90VCT 2A, 4.1x3.4x2.9, (C) 9 #24-90V-2A, \$17.00

Dual 90V 2.5A, 3x5.2x4.4, (C) 13 #20-90V-2.5A, \$23
tapped on each of the 95V windings at 60V,
32 vct around 200ma

Dual 95V 2.5A, 3x5.2x4.4, (C) 13 #28-95V-2.5A, \$26
tapped on each of the 95V windings at 60V,
32 vct around 200ma

100V 8.5A 7x6.1x6 (C) 33 #42-100V-8.5A, \$62.00

HV Transformers

SECONDARY SIZE STYLE WT STOCK # PRICE

375 VCT 50 MA 2.5x3x2.6 (B) 3 #8316527 \$7.50
6.3 V 2 amp (230 VAC only primary)

380VCT 65ma, 6.3 V@2.5 A, 2.7x2.2x2.7, 3 lbs sh.
Hammond Mfg, New, #269EX, \$36.69; 3 pcs \$30.63 ea

500VCT 125ma, 6.3V 1A, 2.9x2.5x3.3 (B) 5 #TR180, \$18

520VCT 90ma, 6.3 V@3.5 A, 3x2.5x3.2, 5 lbs sh.
Hammond Mfg, New, #270DAX, \$46.62;
2 pcs \$41.91 ea; 4 pcs \$39.41 ea

550VCT 200ma, 5 VCT@3 A, 6.3 VCT@6 A, 4x3.2x3.9,
10 lbs sh. Drop shpd from NY. Hammond Mfg, New,
#270HX, \$65.00; 2 pcs \$61.31 ea; 4 pcs \$58.99 ea

600VCT 250ma, 5 VCT@4, 6.3 VCT@8 A, 4x3.8x4.6,
11 lbs sh. Drop shpd from NY. Hammond Mfg, New,
#272JX, \$67.19; 2 pcs \$63.44 ea; 4 pcs \$60.94 ea

640VCT 128ma, 3x2.9x3.9, (C) 6 #TF1A03YY, \$24.95
6.3 V@5.3 A, Epoxy Coated.

640VCT 150ma, 5 VCT@3 A, 6.3 VCT@5 A, 3.5x3.2x3.9,
9 lbs sh. Drop shpd from NY. Hammond Mfg, New,
#276X, \$66.56; 2 pcs \$62.81 ea; 4 pcs \$60.31 ea

700VCT 175ma, 5 V@3 A, 6.3 VCT@5 A, 4x3.2x3.9,
10 lbs sh. Drop shpd from NY. Hammond Mfg, New,
#273BX, \$65.00; 2 pcs \$61.31 ea; 4 pcs \$58.99 ea

750VCT 175ma, 5 VCT@3 A, 6.3 VCT@6 A, 4x3.2x3.9,
10 lbs sh. Drop shpd from NY. Hammond Mfg, New,
#274BX, \$65.00; 2 pcs \$61.31 each; 4 pcs \$58.99 ea

800VCT 200ma, 5VCT@3 A, 6.3 VCT@6 A, 4x3.2x3.9,
11 lbs sh. Drop shpd from NY. Hammond Mfg, New,
#278X, \$76.79; 2 pcs \$73.04 ea; 4 pcs \$70.54 ea

800VCT 465ma, 6.3 VCT@6 A, 5x3.8x4.6, 18 lbs sh.
Drop shpd from NY. Hammond Mfg, New, #278CX,
\$81.40; 2 pcs \$77.65 each; 4 pcs \$75.15 ea

850VCT 150ma, 5 V@3 A, 6.3 VCT@5 A, 4x3.2x3.9,
10 lbs sh. Drop shpd from NY. Hammond Mfg, New,
#279X, \$70.51; 2 pcs \$66.76 ea; 4 pcs \$64.26 ea

920VCT 50-70ma, 4.4x5.1x6, 17 #52-920V-50MA, \$27
1240VCT 50-75ma,

1000VCT 200ma, 5 VCT@3 A, 6.3 VCT@6 A, 4.5x3.8x4.6,
14 lbs sh. Drop shpd from NY. Hammond Mfg, New,
#282X, \$82.91; 2 pcs \$79.16 ea; 4 pcs \$76.66 ea

1900VCT 30ma, 4.3x4x6, 12 #51-1900V-30MA, \$28
1150VCT 50ma,

Misc Transformers

MODULATION TRANSFORMER Pri: 5500 ohm 235
ma or 2000 ohm 300 ma. Sec: 200 ohm 20ma 90
watts max. 3.1x3.5x2.9, 4 lbs. #677-0923, used, \$10



"ISOLATION" TRANSFORMER pri
115V 60 Hz; sec 105 VAC 500ma
3.5x3.5x2.5, 6lbs. #45099037, \$7.50

TRANSFORMER-POWER SUPPLY Pri: 2 x115 VAC
48-62 Hz. Sec: 570 VCT 200 MA, 25 VCT 1.2 amps,
6 V 8 A. On chassis w/sockets for two 26Z5 tubes;
20 lbs. #PS-R390A, used, \$35.00

Chokes



Swinging Choke, 1.5MHY at 200maDC,
460UH at 4 ADC, DCR 0.24ohm. 1.7 dia.
x 1.4 ht, 2 lbs sh. #TW-64713, \$12.00

1.5 mHY/3.0mHY 11A/1A swinging 6.8v-120cps .07
ohm 2x2.3x3, Sealed frame, 4 lb,#103-1.5MH-11A,\$11.50

C-114 LOADING COIL, adds 88 mH inductance to
field phone wire increasing effective range 125+%.
Water tight case; 4 lbs sh. #C-114, Used, \$12.00

5Hy 150ma, 105 ohm, 400VDC, 2x3.3x2, (C) 3 lbs
Hammond Mfg, New, #158Q, \$19.26; 4 pcs \$16.64 ea

8Hy 100ma, 259 ohm, 400VDC, 1.8x3.3x2, (C) 3 lbs
Hammond Mfg, New, #157M, \$21.48; 4 pcs \$18.34 ea

8Hy 128ma, 200 ohm, 505VDC, 2.2x2.3x3.1, (C)
Epoxy Coated. 3 lbs sh. #TF1A04YY, \$15.00

10Hy 100ma, 262 ohm, 400VDC, 2x3.3x2, (C) 3 lbs
Hammond Mfg, New, #158M, \$19.02; 4 pcs \$16.46 ea

15Hy 100ma, 256 ohm, 500VDC, 2.3x4.1x2.7, (C) 4 lbs
Hammond Mfg, New, #159M, \$24.42; 4 pcs \$20.62ea

20Hy 100ma, 181 ohms, 600VDC, 3.3x2.5x3.1, (B) 5 lbs
Hammond Mfg, New, #193C, \$34.35; 3 pcs \$28.48 ea

Audio Transformers

Primary Secondary

50 ohms 30ma 500 ohms 400 to 1900 Hz Mic
Transformer 1.5x1.3x1.5(A) 1 lb #T204/PP115 \$4.

100 ohm to 200 ohm Driver Transformer. No fur-
ther info. 1x2x1.2, (C) 1 lb sh. #TR65, Unused, \$4.

100 ohms 100K ohms; input transformer,
2.1x2.2x3.2 (A), 2 lb #T3/AM20, \$10

2/ 300 ohms 15 ma DC, Sec: 600 ohms, + 9dbm 100
- 3500 hz, 1.4 x 1.4 x 2.3, Made by UTC H-9985,
#225C1015, \$10.00

600 ohms 8 ohms 2 watts, 1.6x"H x 1.3" dia.
Removed from LS-166, #T1/LS166, \$19.00

10000 ohms 12ma DC, Sec: 8 OHMS, 100-3500 HZ,
1.5 X 1.5 X 2.3 H, #225C1010, \$15.00

10000 ohms 600 ohms, 100 mw, 200 - 20000 hz,
DC current 0 Zero, Made by Freed.
1.3 x 1.3 x 2.3, #27780 \$15.00

Pri: 60000 (1.5 ma 90v), tapped 12500 (6.5 ma 90v)
Secondary 600 ohms tapped 8 ohms, 200 - 3800
hz 200mw, 1.5 x 1.5 x 2.5, #TR-1017, \$18.00

Audio transformers which we were told were from
Altec/Altec Lansing Public Address amplifiers. We
have no specific data on these, but offer them to
those who may know what they are. All ohms list-
ed below are DC resistance.

Pri. 0.5 ohm; Sec. 8.7 ohm tapped 8.4, 8.3, 8. Open
frame, 2.7x3.7x2.3, 4 lbs sh. Sam Woo mfg.
#050-7000-00, \$6.00

Pri. 0.3 ohm; Sec. 3.7 ohm tapped 3.65, 3.6, 3.5.
Open frame, 2.9x3.4x2.8, 6 lbs sh.
Sam Woo #50-7001-00, \$9.00

Tamradio #302216, Winding(1) 19.3 ohms, (2) 5.7
ohms CT, (3) 3.4 ohms CT, (4) 5.2 ohms CT,
(5) 20.4 tapped 17.1 ohms, (6) 21.5 tapped 16.7 ohms.
Open frame, 3.1x3.2x2.8, 5 lbs sh. \$6.00

TRIAD TRANSFORMER

#TY--61X TRANSISTOR DRIVER 100 ohms 100 ma :
100 ohm CT, 50-10KHz 500 mw. 2.7x1.5x1.5. \$5.00

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

Switching Power Supplies



HEAVY DUTY SWITCHING SUPPLY, outputs +5 VDC 28 amps, +12 V 4 A, +24 V 1.5 A from 115 VAC 60 Hz in. W/ ON-OFF switch, & 16-pin Molex output connector. "AS-IS" complete, no schematic." 2x5x13, 6 lb #SWPS-528, \$8.95

SWITCHING POWER SUPPLY with 3" axial fan. Outputs +5 V 10 amp, +12 V regulated 2.5 A, +12.5 V 5 A unregulated from 115 VAC 50/60 Hz input. P/o Wang equip. 2.6x5.1 x12.5, 7 lbs. #12690, \$17.00



POWER SYSTEM switching supply, outputs +5 V 7 amps, +12 V 3 amps, -12 250 ma, -5 300 ma from 115/230 VAC 50-60 Hz input. 7.8x 4.4x1.5, 3#. NEW: #PS1558, \$18.00

Switching Power Supply, Outputs: 5VDC 20A, 15VDC 2.5A, -15VDC 1.0A, 24VDC 4.0A. Housing is perforated. Requires 115/230VAC 50/60 Hz. Xentek Inc mfg. 10.9x7x4.2, 7 lbs #SX200-81605, Used, \$10.00; 4 for \$34.00



Switching Power Supply, Outputs: 5VDC 21A, -5.2VDC 7.5A, 12VDC 4.7A, -12VDC 1.5A. Each output has a potentiometer adjusting the voltage +/- 1 volt. Perforated housing with a heatsink on top. Requires 115VAC 60 Hz. Various mfg. 10.9 x 7 x 4.2, 15 lbs #A3060884, Unused, \$12.00; 3 for \$29.95

24VDC 11 amp output switching power supply which DOES WORK with the R-392 and GRC-106 Receiver / Exciter. Requires 115V or 230V 60Hz. Made by Acme Electric Corporation. 9.5x5x2.5, 6 lbs sh. #25A1, Used, \$55



Power Supply Modules

+5/-5 V 3 AMP REGULATOR BOARD, up to 24 VDC unregulated. Capacitors two 15000 mf 15 V, 33000 mf 30 V. Two each KBPC rectifiers, 2N6576, 2N4441 SCR. 7.8x6x4; 3 lbs sh. #MEND-REG-5V, \$6.00



REGULATOR MODULES from Sun supplies, each with current limit and voltage adjust. Includes bridge rectifier, filter capacitor, two 2N3055 or equal and 723 regulator; 2 lbs sh. No further info. #SUN-REG-124, 12 V 4 amp, \$12.00 #SUN-REG58, 5 V 8 A w/OVP; \$10.00

Power Supply Kit

1A POWER SUPPLY KIT. This small power supply provides a regulated voltage, adjustable between 1.5 and 35 volts at 1 Amp. With the LM317 regulator remarkably better ripple and regulation characteristics are given with conventional regulators. Current limiter and thermal overload protection are included in the IC. Supplied without heatsink. Output current: 1.5A max. Max. dissipation: 15W (cooled). Max. input voltage: 40VDC. PCB dimensions: 2.1" x 2.1". #K1823, \$13.98



Power Supplies



5 VDC 3 AMP EXELON DC REGULATED SUPPLY, and 12 VDC 0.1 amp output from 115/230 VAC 47-63 Hz input. 5x5.3x2.8, 4 lbs. #PS-1545, NEW, \$12.00

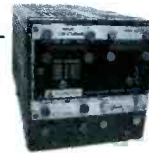
12 VDC 1.5 AMP DC POWER SUPPLY, Adjustable +/- 2.25 volts. Requires 115 VAC 60 Hz; Mfg by ACDC Electronics. 4.9x6.3x3.4, 7 lbs sh. #10-4131-045, Unused, \$23.00



COLECO DISK DRIVE POWER SUPPLY for ADAM system; transformer type with outputs +5 V 3 amp, +12 V 2.9 A, -5 V 200 ma, and +18 V inductive 1 A. 115 V 60 Hz input. With cords and On-Off switch. 11x4x8, 10 lbs sh. #COL72559, unused, \$12.00



Linear Regulated Power Supply by Lambda, adjustable 20VDC +/- 5% at 5 amps. Perforated housing. Requires 205-265VAC 55-65 Hz. 10x4.9x4.8, 17 lbs, #LM-CC20-V, Used, \$52.00



Rackmount Lamp Power Supply by Westinghouse covering 12 to 65VDC at 3 to 9.5 amps from an input of 115/230VAC 60Hz. The power supply does have a current adjust but does NOT have a voltage adjust. The voltage is directly relative to what the current is set at. Has 2.9"H x 3.5"W panel meters for Amps and Volts. Running time indicator. 15.5x19x7, 49 lbs sh. #WE-65, Unused, \$139.50

Sorensen DCR40-13B Rackmount Power Supply 0 to 40 V @ 13 A. Low-level remote sensing, manual & automatic control, direct & master-slave paralleling & series operation. Low ripple and noise. Fine/coarse adjustments for current and voltage. Large analog current and voltage meters Power required 115 V 50/60 hz, 19x21x3.5, 48 lbs sh. #DCR40-13B, Used Checked, \$325.00



H V Supply



HIGH VOLTAGE POWER SUPPLY, input 120 VAC 60 Hz. DC outputs: -8000 V 0.25 to 1 ma, +120 V 15 ma, +24 V 1.25 amps, +16 V 450 ma. 4x9.5x4, 17 lbs sh. #GE9T63Y2280G03, Used, \$14.95



2V 6.0A, #A2MT600, \$23.00
2V 12.0A, #A2MT1200, \$29.00
+/- 5V 2.5A, #VTD5-250, \$29.00
5V 5.0A, #VRB5G500, \$23.00
5V 5.1A, #VA5MT510, \$23.00
5V 6A, #VA5MT600M, \$23.00

5 - 24 VDC Power Supply



COMPACT SWITCHING POWER SUPPLY, 20 selectable outputs: 5 to 24V DC in steps of 1V (from 4.3 to 1.5A) Power: 36W. Get rid of those bulky power-hungry heat-producing adapters. These adapters use state-of-the-art switching power supplies and feature some major advantages such as: - cooler running - stabilized output - short-circuit and overload protection - compact design - very low idling consumption. Comes with 8 detachable DC plugs. Ideal for notebook computers & personal digital electronic devices. Requires 100 ~ 240V AC. Output plugs: 2.5mm mono, 3.5mm mono, 1.0x3.0mm, 1.35x3.5mm, 1.7x4.0mm, 2.1x5.0mm, 2.5x5.5mm, 1.5x5.5mm. 3.5"x1.8"x1.2", #PSSMV7U, New, \$45.95

Variable Transformers

- - OTHER RATINGS AVAILABLE - -
 Tell us your needs!

All variable transformers listed below are used good condition unless otherwise specified.

GENERAL ELECTRIC VARIABLE TRANSFORMER, input 120 VAC 60 Hz. Isolated output 0-60 VAC. Maximum current load: 5 amps. Two units wired in series will produce 120 VAC output. Coil not enclosed; dial plate & knob not included. 4.4" dia X 4"H; 6 lbs GE #9T92A1515, New, \$24.00; 2 for \$39.95



POWERSTAT variable transformer, no dials & knobs. 0-30V at 25 amps 60 Hz or 15-0-15V at 35 amps 60 Hz out from 120/240 V input double wound; Actually has two isolated 15V secondaries. Great basis for a 12 or 24 volt power supply. Enclosed, motorized 3 section (3 phase). 12" dia X 30"H, 90 lbs. #DMLW-136BT-3, \$225.00



380 HZ VARIABLE TRANSFORMER, input 120 VAC 380/1000Hz; output 0-120 VAC 380/1000 Hz 13 amps. 7x6.2x3.3, 9 lbs. #GA5065OL \$21.00



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 Variable transformers listed below are 240VAC 60Hz Inputs; not enclosed. Used unless otherwise stated.

Powerstat 9 Amps 0-240V, Input 240V, motorized, perforated sides. 9.1x9.5x10, 30 lbs, #2388-10698, \$100.00



Staco 10 Amps 0-240V, input 240V, motorized, perforated sides. 8.9 x 9.5 x 10.3, 30 lbs sh, #033-7015, \$115.00



60 Hz - 400 Hz Converter



Static Frequency Converter, Input 120V 60Hz to 117V 400Hz 500 watts single phase. Overload protection. With maintenance manual, power input cable and connector for output. 21x12x15, 120 lbs sh. Unused, #CV-2488, \$330.00

Acopian Power Supplies

Acopian Gold Box Series Power Supplies. Fully enclosed with terminals for wire connection. Perforated covers. Each unit is linear regulated and requires 105-125VAC 50-400Hz. Removed from lightly used equipment. Nice & clean.

5VDC 12A, #VA5MT1200, \$40.00
5V 17A, #VA5H1700, \$35.00
5V 22A, #VA5H2200, \$40.00
5V 32A, #VA5H3200, \$52.00
12V 6A, #VA12MT650, \$95.00
±15V 400 MA, #VTD15-40, \$40.00
±15V 500MA VFD15-50A, \$40.00
±15V 2.5A, #VTD15-250, \$90.00

15v 3.0A, #VRB15G300, \$85.00
±15V Dual Track 4.5A, #VTD15-450, \$110
18V 2.1A, #B18G210, \$29.00
18V 6A, #VA18MT650, \$58.00
20V 16.0A, #VA20H1600, \$85.00
24 V 750mA, #B24G75, \$23.00
0-50V 1.2A, #A050MX120, \$58.00
200v 100ma, #B200GT10, \$145.00

CHECK OUT OUR LATEST FEATURE ITEMS AT FAIRRADIO.COM

Inverters



12 VDC to 120 VAC 60 HZ INVERTER, rated 200 watts continuous; 600 W surge. Output is squarewave with zero-crossing. Has studs for input & 3-cond outlet. 3 x 7.5 x 4.8, 7 lbs. #RC-12200, New, \$59.50

ROTARY INVERTER, output 115 VAC 400 Hz 1 phase 750 VA from 28 VDC 60 amp input; Leland or =. 12x9.5 x 7, 42 lbs sh. #INV-750, Gov't-Recond, \$67.00



INVERTER, like above except 750 VA out from 28 VDC 60 A in; 9.3x16.5x7, 40 lbs sh, #PU-16, \$40.00



Motor Generator for GRC-106 Model SS688. Input 27.5VDC 24 Amps. Output 115VAC 60Hz 3.48 Amps. Continuous duty. 3600 RPM. 12x6.5x12, 47 lbs sh., #SS688, Used, \$75.00

400 HZ INVERTER KIT removed from PP-2352; good foundation for 28 VDC to 115 VAC 400 Hz 500 watt 1 phase inverter. Includes oscillator feedback, driver, output, & regulator transformers, two saturable reactors & schematic info. Add other components to suit your power needs; 10 lbs #KIT400HZ-500W, \$58.00



400 HZ SOLID STATE INVERTER KIT will produce 115 V 400 hz at a current and voltage dependent on the

transformer you use. Supplied parts include, special feedback transformer, resistor/diode boards, two transistors on heatsinks which when combined with your center tapped transformer will produce 400 Hz power. For 12vdc operation use a 20-26 vct transformer. For 28 volt input use a 40 -52 vct transformer. With schematic & info. #INV-47, \$23.00

Power units FROM AM-3349 see better pictures at our web site.



DC-AC 400 HZ INVERTER. Input 26 VDC. Designed outputs 120 VPP 400 hz and 156 VPP 400 hz. Also 12.6 VPP

400 hz 600 ma for filaments. Components mounted in irregularly shaped casting. Transformer is not removeable. Removed from equipment. With schematic. 2.3x6.6x4.9, 5 lbs sh. #2A6A1, \$30.00



Inverter from AM-3349 which contains the DC - DC supply for the High voltage power supply that powered two 4CX350F tubes to 400 watta PEP. Power input is 24VDC. This supply produced 500 VDC plate and screen grid supply for 8233 driver tube, and screen grid for PA tubes. Also 2400 VDC plate voltage for PA tubes. Transformer and components are mounted to irregularly shaped casting. With schematic. 7x18x6.9, 21 lbs sh. #3349-INV, \$58.00

Dynamotor Supplies

#D-10A Used, \$23.95;
#D-401 Used, \$15.00
#DM-36 Re-new, \$18.00
#DM-53-24, 24V Used w/ base, \$2.00
#DM-53-12, 12V Unused w/ base, \$12.00
#DY-9 or equal from ARC1, \$17.00
#DY-86 from ARN-30, \$24.95;
#DY-107 Used, \$43.00
#PE-98 14V Used, \$35.00;
#PE-133 Unused, \$18.00

#2C4312/B50 Hinge Set f/ DM-21 in BC-312, Used, \$15

NTE Semiconductors

NTE Cross Reference CD, \$5.00

NTE#	DESCRIPTION	PRICE
2V130	MOV 130V RMA	\$1.97
85	T-NPN SI GENERAL PURP AMP TO-92	\$1.02
109	Diode-Germanium Gen Purp 75PRV DO-7	\$1.80
112	DIODE-SI-UHF TV/MIXER DO-7	\$1.57
116	RECTIFIER-SI 600V 1A DO-41	\$0.79
123	T-NPN SI-AF PREAMP/DRIVER TO-39	\$0.70
123A	T-NPN SI-AF/RF AMP TO-18	\$1.59
123AP	T-NPN SI-AF/RF AMP TO-92	\$1.33
125	RECTIFIER-SI 1000V 2.5A DO-41	2/\$0.89
125-10	Pack RECTIFIER-SI 1000V 2.5A DO-41	\$3.49
125-100	Pack RECTIFIER-SI 1000V 2.5A DO-41	\$28.99
128	T-NPN SI-AF PREAMP DRIVER TO-39	\$2.17
128P	T-NPN SI General Purpose AMP TO-237	\$1.54
129	T-PNP SI-AF OUTPUT TO-39	\$2.40
130	T-NPN SI-AF POWER OUTPUT TO-3	\$4.30
135A	ZD-5.1V 1W DO-41	\$0.66
142A	ZD-12.0V 1W DO-41	\$0.66
145A	ZD-15.0V 1W DO-41	\$0.66
156	RECTIFIER-SI 1000V 3A DO-15	\$1.40
159	T-PNP SI-AF PREAMP DRIVER TO-92	\$1.74
172A	T-NPN SI-DARLINGTON AMP TO-98/92	\$0.98
177	Diode-SI Gen Purp Det 200 PRV DO-35	\$1.19
181	T-NPN SILICON AUDIO AMP TO-3	\$8.50
184	T-NPN SILICON AUDIO PO TO-126	\$2.45
185	T-PNP SILICON AUDIO PO TO-126	\$2.75
199	T-NPN SI-LO NOISE TO-92	\$1.17
253	T-NPN SI DARL 80V HFE-2000 TO-126	\$2.37
261	T-NPN SIL DARL 80V TO-220	\$2.66
262	T-NPN SIL DARL 80V TO-220	\$2.38
263	T-NPN SIL DARL 80V TO-220	\$2.80
287	T-NPN SI-HI VLTG Gen Purp AMP TO92	\$0.88
289A	T-NPN SI-AF POWER OUTPUT TO-92	\$1.56
290A	T-PNP SI-AF POWER OUTPUT TO-92	\$1.62
291	T-NPN SI-POWER OUTPUT/SW TO-220	\$3.49
303-5	Pack HEAT SINK COMP'D 1 GRAM	\$2.77
331	T-NPN SI-AUDIO PO/SWITCH TO-220	\$3.66
373	T-NPN SI-AF DRIVER TO-126	\$1.98
378	T-PNP SI-Power Driver/Output TO-220	\$3.38
399	T-NPN SI-VIDEO OUTPUT GIANT TO-92	\$3.60
422-2	Pack Insulator Kit for TO-220 Package	\$1.96
423-2	pack IC SOCKET 8PIN DIP	\$1.34
458	JFET-N-CHAN GEN PURP AMP TO-92	\$1.99
506	RECTIFIER-SI-HI CUR/FAST SWITCH	\$1.96
519	DIODE-SI FAST SWITCHING DO-35	\$1.19
552	RECTIFIER-SI 600 PRV 1A DO-41	\$1.59
558	RECTIFIER-SI 1500V 1A DO-41	\$1.69
570	D-SI CONTR AVALANCHE 135V TO 180V	\$1.58
574	R-SI 400V 1A FAST RECOVERY DO-41	\$0.62
576	RECTIFIER-SI 400V 5AMP 35NS DO-27	\$1.70
577	RECTIFIER-SI 1000V 5AMP 70NS DO-27	\$4.33

NTE Cross Reference Book, \$4.95

NTE#	DESCRIPTION	PRICE
580	RECTIFIER-600V 3A FAST RECORD	\$3.44
588	DIODE-SI 200V 3A ULTRA FAST DO-27	\$1.76
618	DIODE-AM RADIO TUNING DIODE	\$2.99
778A	IC-DUAL OP AMP 8 PIN DIP	\$3.81
941M	IC-FREQ COMP. OP AMP 8-PIN DIP	\$1.07
955M	IC-TIMER/OSCILLATOR 8-PIN DIP	\$1.86
960	IC-POS VR 5V 1A TO-220	\$3.73
966	IC-POS VR 12V 1A TO-220	\$3.93
987	IC-QUAD OP AMP 14-PIN DIP	\$2.48
1866	IC-LED VU Scale Meter Driver 9-PIN SIP	\$2.14
2018	IC-8 CHAN CMOS/TTL DR 18-PIN DIP	\$3.81
2331	T-NPN SIHI VLTG Horiz Switch w/ Damper	\$9.98
2343	T-NPN SI Darl Power Amp/Switch TO-220	\$2.36
2353	T-NPN SI COLOR TV HORIZ OUTPUT	\$10.51
2389	MOSFET-PWR N-CHAN HI SPD SW TO-220	\$7.67
2395	MOSFET-PWR N-CHAN HI SPD SW TO-220	\$5.29
3041	Opt Isolator/NPN Transistor Output	\$2.11
4006B	IC-CMOS 18 STAGE 14-PIN DIP	\$3.00
5077A-2	pack ZD-18.0V 1W DO-41	\$1.98
5304	RECTIFIER-SI BRIDGE 400V 1.5A	\$1.73
5322	RECTIFIER-SI BRIDGE 200V 25A	\$4.80
5332	RECTIFIER-SI BRIDGE 600V 1A	\$1.67
5342	RECTIFIER-SI BRIDGE 600V 40A	\$11.99
5344	RECTIFIER-SI BRIDGE 1000V 40A	\$12.99
5800	RECTIFIER-50 PRV 3A Axial Lead DO-201	\$0.51
5801	Rectifier-100 PRV 3A Axial Lead DO-201	\$0.76
5804	Rectifier-400 PRV 3A Axial Lead DO-201	\$1.18
5809	RECT-1000 PRV 3A Axial Lead DO-201	\$2.60
5812	RECTIFIER-100 PRV 6A	\$1.58
5814	RECTIFIER-400 PRV 6A	\$1.84
5815	RECTIFIER-600 PRV 6A	\$2.89
5817	RECTIFIER-1000 PRV 6A	\$3.70
6419	SIDAC 110-125V	\$2.76
7407	IC-TTL Hex Buffer/Driver 14-Pin Dip	\$1.57
8085	THERMAL FUSE 87°C	\$1.60
8090	THERMAL FUSE 93°C	\$1.60
8098	THERMAL FUSE 100°C	\$1.60
8103	THERMAL FUSE 104°C	\$1.60
8118	THERMAL FUSE 121°C	\$1.60
8139	THERMAL FUSE 141°C	\$1.60
8181	THERMAL FUSE 184°C	\$1.60
8213	THERMAL FUSE 216°C	\$1.60
8242	THERMAL FUSE 240°C	\$1.60
75189	IC-DTL QUAD Line Driver 14-PIN DIP	\$2.14
TP0001	Thermo Pad for TO-3 - 5 Pack	\$1.66
TP0002-100	Thermo Pad for TO-66 - 100 Pack	\$17.95
TP0004	Thermo Pad for TO-126 - 5 Pack	\$0.89
TP0006	Thermo Pad for TO-220 - 5 Pack	\$1.22
TP0007	Thermo Pad for DO-5 - 5 Pack	\$1.34
TP0010	Thermo Pad for TO-3PML - 5 Pack	\$2.20

Regulators / Conditioners



ONEAC power conditioners combine an isolation transformer with power conditioning to protect your equipment. Various power connections are available. Made by ONEAC.

Input 120 VAC 16 amps 60 hz.
Output 120 VAC 16 amps.
15.3x9.5x8, 60 lbs sh., #CB1120, \$135

Input 208 VAC 12.6 amps. Output 240/120 VCT 10.4 amp. 18.3x10.5x10.5, 95 lbs sh. #CS2328-8, \$115.00

Input 208 VAC 20.8 amps. Output 240/120 VCT 17.4 amp. 18.3x10.5x10.5, 95 lbs sh. #CS2348-8, \$135.00

Input 120 VAC 12 amps. Output 120VAC 12 amps 50/60 hz. 15.3x8.5x5, 45 lbs sh. #CS1115R, \$115.00

WANG POWER CONDITIONERS, electronic line voltage regulators with full magnetic isolation protects computer & similar equipment from line voltage surge or "sag" damage. Provides "clean" 120 VAC 60 Hz output from inputs of 90 to 135 VAC 60 Hz. Low input shutdown @ 50% of nominal. OVP shutdown @ 12% above max output. 7.8x13x10.4: 1000 VA output with one large L5-20R receptacle; 45 lbs sh. #SC-100A-PC, New, \$225.00



50 Hz Sola Regulator. Input 110/120V 2.8 amps; 220/240V 1.4 amps; 380/415V 800ma. Output 110/120/220/240 volts 250VA. Output 110/120/220/240 volts 250VA. Used, #63-23-125-4, \$58.00

Solar Cells



Solar Cells with Trickle Charger Power: 1.5W maximum. Voltage output: 12V (± 20%). Nominal voltage: 14.5V. Current: 125mA. Built-in protection

to prevent current reversal. Included accessories: Lead wire with cigarette lighter plug, Lead (3m) with 2 battery clamps, and 4 suction cups (for mounting). 13.4" x 4.7" x 0.6", 3 lbs sh. #SOL5N, \$35.95

DC Voltage Controller for #SOL8 and #SOL5N. Provides low voltage, overload protection to solar panel and storage battery. Used for lighting, camera, recorder, etc... Output DC voltage: 13.0V ± 10%. Output DC current: 4A max. Input voltage (battery): 13.5V ± 10%. Over-discharge protection voltage: ≤ 10.5V. Overcharge protection voltage: ≥ 15V. Solar panel: working current: ≤ 5A, open voltage: 21 ~ 24V. Suggested type of rechargeable battery: 12V / 10 ~ 40Ah sealed lead acid battery. Working temperature: +14F ~ +107F, humidity: ≤ 80%. 4.7x3.1x 0.9, #SOL4UCN2, \$35.95



Encapsulated Solar Cell 0.5 volt at 800mA, 2.6" x 3.7" x 0.2", #SOL2, \$8.59 each; 6 to 23 pieces \$8.09 each; 24 & up \$6.89 each

Similar to above except 2 volts at 200mA, 3.0" x 3.7" x 0.2", #SOL4, \$9.39 each; 6 to 11 pieces \$8.84 each; 12 & up \$7.53 each

PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

Other Semiconductors

2N3716, \$2.50 2N4126, 5/\$1.25 2N6292, 2/\$1.25
2N3739, \$2.50 2N5428, \$1.25 2N6675, \$4.50

REGULATORS

1.2-37V 1.5A out; 0.03% load reg., #LM-117K, \$4.00
30W 3 amp 5V positive regulator, #LM-123K, \$2.25
Negative adjustable regulator, #LM-137K, \$2.25

Metal Oxide Varistors "MOV"

#S14K130 130V \$1.50, #S14K175 175V \$1.75
#Z510LA40A 820VDC 110 Joules, \$1.50

IsoTop Power MOSFET

Power MOSFET, Low gate charge- Fast Switching
Rds on 0.180 ohm, Id continuous 40Amps Pd watts
690, Ciss(pf)11715 Qg (nC) 468, removed from equip-
ment, no hardware. Hardware required is metric.
15/16"D x 1 7/16"W x 7/16"H, #APT8018, \$17.00

Rds on 0.150 ohm, Id cont. 38Amps, Pd watts 520,
Ciss(pf)5540 Qg (nC)242 removed from equipment, no
hardware. Same style as above. #APT6015, \$16.75

Rectifiers

1 AMP 50 PIV, #1N4001, 20/\$1.20
1 Amp 400 PIV, #1N4004, 15/\$1.20;
1 Amp 1000 PIV, #1N4007, 10/\$1.20
12A 100V, #1N3890, 4 for \$3.50
35A 100V, #1N1184, Used, \$1.50
200 PIV 300 A; 4" tail. #D-R610-0230, Used, \$10.00
RF DIODES: 1N21, \$1.50; 1N23, \$3.00

Motorola MR1265FL Rectifier rated 300 PIV 650
amp; with hardware. 3.3x2.3x3.3, 3 lbs New, \$21.00

Diode Heatsink Assembly

with six MR-1815-SL 300 PIV
100 amp diodes; heatsink
2.6x9.4x4.8, 4 lbs sh.
#DHS6-1815, \$34.95

SILICON CONTROL RECTIFIER
assembly single phase half-wave;
GE #C1411CX5 or equivalent. Rating
approx 500 V 35 amps. 7x6.3x5, 4 lbs
sh. #KS-19576L1, Used, \$7.95

POWER HEATSINK with
SCR Westinghouse
T600121504BT. This series
is 1.2KV. Could not find
specs but it should be at
least 125 Amps. Also, diode
IR 150K120A 1.2KV 150 Amps MOV V510PA80C. No
specs on this but it is large. Heatsink 7.75" x 6" x
3", 8 lbs #T600121504BT, \$14.95

Heatsinks

Heat Sink Bonanza!!! Get 10
pounds of various heatsinks in
different shapes & sizes with or
without diodes & semiconductors.
#HEAT-10GB, \$12.00
As above but 25 pounds. #HEAT-25GB, \$23.00

1.75" square Heatsink for one TO-3.
Has 4 mounting holes. #680-75A,
Unused, \$1.50

Heatsink for one TO-3. 1.9" x 1.4",
#THM-6013, Unused, \$1.25

3x4.5x1.3 for two TO-36, #2T34513, \$1.50 ea

HEATSINK, 5x3x1.6; drilled for 3 large stud recti-
fiers (1" dia recesses), #3D528-8, \$2.50

AC Fans



5-BLADE COOLING FAN, 4.6"
dia rotation; no enclosure.
Mounting bracket hole centers
5.9" apart. 115 VAC 60 Hz. 2 lbs
shipping. Mfg by Airtrol.
#11-2100, New, \$5.95

AXIAL FANS, 4.7" sq X 1.5" thick; 115 V 60 Hz.

5-BLADE In metal frame; 18 W.
Various mfg. #FN-5U, Used, \$10.95



5-BLADE as above except .11 amp,
#TA450S, Unused, \$16.00



ROTRON TARZAN FAN, 6.8" square
X 4" D plastic frame fan moves 345
CFM of air from 115 V 50-60 Hz 82
watt input; 5 lbs shipping. #TN3A2,
Used-clean, \$23.00

6 Fan Panel

17.3"W X 10.5" panel frame
has six high output Torin
TA450S (or =) 4.6" square 5-
blade metal-framed fans.
Each fan rated 65 CFM and
requires 115 VAC 50-60 Hz
0.11 amps; 12 lbs. #6F-PNL, Used-excellent, \$46.00



DC Fans

Mini BOXER 12 VDC FAN, 0.13 amp; 3.6" sq X 1".
#3610NL, New, \$12.00



PANAFLO MINIATURE 12 VDC FAN
2.3" sq.
#FBP-068-12L, New, \$10.00

PAPST 18 VDC 2 w / 30 VDC 3 W FAN 9-blades; 3.5"
sq X 1" deep. #3124F, New, \$11.00

CENTAUR 24 VDC AXIAL FAN, 11
watts but operates well at 12 VDC.
4.7" sqx 1.5" D metal frame with 5-
blade plastic fan; 2 lbs sh.
#CNDC24K4-601, Unused, \$10.95



SUNON 24 VDC FAN, 6 watts. 4.7" sq x 1.2" deep plas-
tic frame with 5 blades. Metal guards on each side.
#KDE2412, Unused, \$12.00

Hupp Vehicle Fan

12 VDC HUPP FAN with oscil-
lating grill designed for use in
cars, trucks, buses, RV's, etc
where "extra" air movement is
desired. Plugs into vehicle
cigarette lighter and mounts
on dashboard or other flat surface. White plastic
enclosure has black grill and pivots on mount to
adjust angle. Includes 4 ft cord and brackets. 5 x 9 x
3.4, 4 lbs. #HUPP-200-14, New, \$14; 3 for \$35.00



IC Sockets

LOW PROFILE

16 PIN, #ICS-16-LP, 12 for \$1.00
20 PIN, #ICS-20-LP, 10 for \$1.00
22 PIN, #ICS-22-LP, 6 for \$1.00
24 PIN, #ICS-24-LP, 6 for \$1.00

STANDARD

24 PIN, #ICS-24-S, 2 for \$1.00
28 PIN, #ICS-28-S, 2 for \$1.20
40 PIN, #ICS-40-S, \$1.00 each

WIRE WRAP

14 PIN, #ICS-14-WW, 6 for \$2.00
16 PIN, #ICS-16-WW, 6 for \$2.00
18 PIN, #ICS-18-WW, 5 for \$2.00

Selsyns & Synchronos

CONTROL TRANSFORMER 90/55 V 60 Hz; 3.6"Lx2"
dia. 2 lbs. sh. #1HCT-MKII, Used, \$23.00

RECEIVER, 115 VAC 400Hz, #23TR4, used, \$12.00



TACHOMETER GENERATOR, motor
265 V 400 Hz 2 phase; generator 18
V 400 Hz 0.3V/1000 RPM. No load
speed 10000 RPM. 2 1/8"Lx1" dia 3/16"Lx1/8" dia
shaft. #TACH-SEL-MOD, \$10.00

PHASE SHIFTER, unsymmetrical resolver; rotor 1
phase 5 V 30 Hz. stator 2 phase 5 V 30 Hz. 1.4" dia
x 2"L. #PS-17-E-1, used, \$12.00

AY-1 AUTOSYN as used in I-81/I-82 indicators;
2 lbs sh. #AY-1, \$9.00

UNITED STATES NAVY SYNCHROS, Description
and Operation, a copy of Publication #OP 1303
printed April 1958; 100 + page primer about sel-
syn/synchro theory and types. #BK-USNS, \$15.00

Compass Indicators

3" DIA 0-360 deg-ree RADIO COM-
PASS INDICATOR, adaptable for
wind direction & antenna position
use; 5 degree increments, 2 lbs
shipping. #I-81, Used, \$16.00
Connector for I-81, #CONN-I81, \$10



BENDIX IN-4D LEFT-RIGHT INDICA-
TOR, 3" dia WW-2 vintage instru-
ment shows wing-tip position rela-
tive to ground; requires 24 VDC. 2
lbs. #IN-4D, \$18.00

SPERRY MARINE INDICATOR
MARK XX MOD.2, part of ship-
board gyrocompass repeater. Has
8" dia 360 degree scale in 1° in-
crements under glass; uses two Size-
5 115 VAC 60 Hz selsyn transmitters.
One drives inner directional
indicator; second outer degree scale. With 7 ft
cable & special connector; 10" dia X 8.5"D; 45 lbs
sh. #IN-SPERRY, Unused, \$150.00



12VDC Fans



12VDC DC Fans with sleeve type bearing. New,
1.6"x1.6"x0.48", 3CFM, #BSS12/4LC, \$3.95
2.4"x2.4"x1.0", 11CFM, #BSS12/6LC, \$4.95
3.1"x3.1"x1.0", 15CFM, #BSS12/8LC, \$4.95
3.6"x3.6"x1.0", 22CFM, #BSS12/92LC, \$4.95
4.7"x4.7"x1.0", 44CFM, #BLS12LC, \$10.95

Blowers

Blower from T-368 transmitter. Inlet is 2.2". Outlet
is 1.6" x 1.4". Motor is rated 1/50 Hp; IPH 0.3 amps;
115V 60Hz; 3300 RPM. Needs 4 or 5 MFD
Capacitor. 6 lbs sh. #BLO-T368, \$35.00

Blower from Howard
Industries. Inlet is 1.5".
Outlet is 1.3" x 1.2". Motor
is rated .003 HP; 16 watt;
115V 60Hz. 4 lbs sh.
#127S297, \$15.95



MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

AC Motors



A.O. Smith AC Motor 1725 RPM
1/2 HP 115/230 VAC 60 Hz
Single Phase input, 8.7/4.3
Amps. Shaft 2" Lx5/8" dia with
keyway. O/a 11x8x8.5, 14 lbs
sh. #44450, Unused, \$150.00



GENERAL ELECTRIC REVERSIBLE FAN
MOTOR, ball-bearing 115 VAC 60 Hz 1 amp
225 RPM motor. Use with fan blades
unless cooled by other means. Has
mount flanges and 5 mf capacitor;
4.5"Lx5.5" dia + 1.5"L x5/8" dia hollow
shaft, 11 lb #5KCP39EGH210, new, \$12.00; 3 / \$20.

**BODINE AC GEARHEAD
MOTOR 200 RPM 1/7 HP 35
in/lb torque, counter-clock-
wise rotation; 115 VAC 60
Hz input. Shaft 1.3"Lx
5/8" dia w/ 3/16" square key.
O/a 8.5"Lx5.6" dia; 14 lbs sh.
#ECCI-35E200, used, \$32.95**



Ametek Shop Vac Motor. This is the
very high speed motor used in some
shop vacuums. Unit as pictured, motor
only with small cooling blades. Shaft
approx .5 inch long, 5/16 diameter. 5.3x4.6x4.6, 5 lbs
sh. #17749-00, Unused, \$12.95; 3 for 22.00



115 V AC-DC MOTOR, starts at 25 VDC, runs CW
approx 7000 RPM 1/8 HP. 2.3x3x4.5 + 1.5"Lx0.4" dia
spiraled shaft; 3 lbs sh. #AC-DC-H02, \$4.00



240 RPM 115 V 60 Hz GEAR
MOTOR for intermittent use;
starts @ 32 V approx 200
RPM. Increased volts
increases torque. Gearhead
extends 2.8" beyond motor; 1.1"Lx1/4" dia shaft.
Motor 2.8x2.8x2.4 + 5/8"x3/16" dia shaft for fan on
rear, 3 lbs sh. #MOL-2460, unused, \$6.95



**PRINTER MOTOR ASSEMBLY, 24 VAC 60
Hz geared to about 4 RPM; can be wired
for clockwise or CCW rotation. 2.8x2.5" dia
motor on 3.8" sq metal plate; 2#.#MIZ-M0375R,
used, \$5.00; 3 for \$12.00**

DC Motors



6 to 24VDC Gear Motor by Globe.
Rated at 54 RPM at 24VDC; 23
RPM at 12VDC; and 11 RPM at
6VDC. Originally designed for
24VDC. Removed from the AM-
3349 amplifier. 1/4" diameter shaft x 3/8" long. O/a
4.2x2x1.6, 3 lbs sh. #5A2871, Used, \$21.95



**NORTHFIELD ELECTRIC or
HAMILTON BEACH, 28.5VDC, 2800
RPM motor. 3.1 amp with 1/40 HP.
1/4" dia shaft with removeable
gear x 1/2" long. o/a 4" x 2.3", 3
lbs, #1-1501, Used, \$12**

As above but 1/33HP, 3000RPM, 2.5A, #AWC-1000, \$12

DC MOTOR, operates over 10-15 VDC
100 ma 2375-2425 RPM with governor.
Shaft 5/16"L x 1/16" dia; o/a 2.9x1.1. #AST-GK26, \$10



15 DEGREE STEPPER MOTOR
from printer; requires +9 to +40
VDC. High speed & performance w/ driver circuit
info. 1x1.3" dia shaft; o/a 5.8"x1.6" dia, 2 lbs sh.
2 ohm field, #RBM-2-62, \$15.00
4 ohm, #RBM-4-62, \$18; 5.8 ohm, #RBM-6-62, \$20



MULTI-SPEED 24 VDC PM MOTOR
can be wired for 11500 RPM 0.012
HP 0.7 amp or 3000 RPM 0.033 HP
2.3 amp operation; motor starts to
turn at 9 VDC and is reversible. 6"x2.3" dia with 3.6"
dia collar; geared shaft 0.6x0.4" dia. 3 lbs. Sperry
mfg. #2960031, used, \$10.95



**Magnetek Variable Speed 3/4 HP DC
Motor. 90 VDC 10 Amps 3450 RPM. Rated
for CCW rotation comm end. 11.3 x4.9
dia. 22 lbs #22254200, Unused, \$170**



24VDC PM Motor, will run from 6 to 30VDC at
approximately 200 RPM per 6V. 5/8" dia.
shaft is 2"L one end, 5/8"L on other. 10"L x
3/8" Dia., 16 lbs. #DH-4000-AD7, Used, \$48.00



24-29VDC Motor by Globe Industries. No
load ratings 60 RPM and 0.5 amp. Has
removable cam on shaft. 1/4" dia. shaft.
5x1.5x1.5, 2 lbs sh. Used, #C5A1054, \$17.95



40 vdc PM motor/generator by
Ametek. Strong torque. Good for driv-
ing anything that needs to be driven
like electric carts. Applying a 6 volt
light bulb on the unit and turning the
shaft 1/4 turn, lights the bulb fully. Imagine the power
produced at 500 to 1500 RPM! Ideal as a wind genera-
tor. Produces more or less than the rated voltage by
decreasing or increasing shaft rpm. Produces free
power if there is wind. Shaft is 5/8" diameter 1.2"
length. 4" dia. X 5.8" long. #116870-01, \$40.00



27VDC 2.4 Amp 3600RPM 1/30 HP Motor
by Delco. 6.5x2.9x3, 1/4" diameter shaft.
6 lbs sh. #A7155, Unused, \$5.95



Globe 27 VDC Mini-PM Motor, p/o
Collins 618T P-A; splined shaft 1/4"L x
1/8" dia; o/a 1.7"Lx0.9" dia. #41A205, used, \$7.50
GLOBE 27 VDC 1/100 HP MOTOR, 2.5"IX1.3" DIA
11000 RPM, p/o ARC-45, #C-25A686, used, \$10.00



JOHN OSTER SERIES MOTOR, 27
VDC 1/100 HP 7000 RPM. 3"Lx2" dia
+ 1"L x 1/4" dia shaft; 2 lbs sh.
#C2BP1A, Unused, \$5.00



28VDC 1.1 Amp Motor by John Oster
Mfg. 12000 RPM. 1 oz. in. torque.
3/16" diameter shaft. o/a 4.8x2.3x3.3, 3
lbs #BL-2-IS, Used, \$9.50; 3 / \$25



15 degree 4-PHASE VR STEP SERVO, 5 ohms
1.5 A; 28 VDC input pulse 3/4x 1/4" dia shaft;
o/a 3x3 1/4x3, 2 lbs. sh. Made in Canada;
removed from equipment. #20M34C1, \$12.00



Transmitting Mica

G-SERIES TRANSMITTING CAPACITORS, used-good
or unused as available.

G-1-type, 2.3"H x 2.8" dia; 3 lb \$7.50

KV	MFD	Part#	KV	MFD	Part#
1.0	0.04	1TM-04	6.0	0.0047	1TM-0047
1.5	0.08	1TM-08	6.0	0.0001	1TM-0001
1.5	0.09	1TM-09	6.0	0.0002	1TM-0002
1.5	0.039	1TM-039	6.0	0.00024	1TM-00024

G2, 3.5"Hx3" dia, \$12.00

KV	MFD	Part#
20.0	0.00005	2TM-00005

G3, 4"H x5" dia, \$18.00

KV	MFD	Part#	KV	MFD	Part#
2.5	0.15	3TM-15	20.0	0.00015	3TM-00015
10.0	0.00015	3TM-00015			

G4, 5.5"Hx 5" dia. 8 lbs. \$32.00

KV	MFD	Part#
4.0	0.084	4TM-084



Motor Start/Run Caps



MOTOR START AC ELECTROLYTIC. New not surplus.

110/125 volt

21-25mfd, #MSC125V21, \$2.98
124-149mfd, #MSC125V124, \$3.48
161-193mfd, #MSC125V161, \$3.69
189-227mfd, #MSC125V189, \$3.88
216-259mfd, #MSC125V216, \$4.15
270-324mfd, #MSC125V270, \$4.52
590-708mfd, #MSC125V590, \$7.73

220/250 volt

21-25mfd, #MSC250V21, \$3.69
30-36mfd, #MSC250V30, \$3.91
53-64mfd, #MSC250V53, \$4.83



MOTOR RUN AC METALIZED. New not surplus.

370VAC

2mfd, #MRC370V2, \$5.90
4mfd, #MRC370V4, \$6.46
5mfd, #MRC370V5, \$6.68
7.5mfd, #MRC370V7R5, \$7.41
10mfd, #MRC370V10, \$8.05
15mfd, #MRC370V15, \$13.68
25mfd, #MRC370V25, \$16.38

440VAC

10mfd, #MRC440V10, \$11.99
20mfd, #MRC440V20, \$18.65
25mfd, #MRC440V25, \$20.85

AC Capacitors

5 mf 220 V 1.8" dia x4.5; cylind. #AC-5-220, \$2.50
7.5 mf 260 V, 2.8x2x1.3. #AC-7.5-260, \$2.50
3.5 mf 330 V 1.3x2.1x2.1; #AC-3.5-330, \$3.00
15 mf 330 V, 2.2x2.9x4; #AC-15-330, \$4.25
2.5 mf 360 V 1.2x2x2.6; #AC-2.5-360, \$3.50
3 mf 370 V 1.3x2x2.7; #AC-3-370, \$3.50
10 mf 370 V, 2.8x3x1.8; #AC-10-370, \$4.50
4 mf 380 V 1.3x2x4; #AC-4-380, \$4.00
35 mf 440 V 1.8x3.4x8.9; #AC-35-440, \$7.75
7.5 mf 480 V 1.6x2.6x4.6; #AC-7.5-480, \$4.75
21 mf 525 V 1.9x3.5x6.7; #AC-21-525, \$8.00

Multi-Section Capacitors

The Multi-Section Capacitors listed below are unused
by various mfg. To see a further listing of multi-sec-
tion caps go to fairradio.com/multis.htm

MFD	Volts	Size	Part #	Price
300-100-80	150-150-150	2.5X1.3	#MULT-300,	\$7.75
80-100-30-10	175-400-400-150	3.8x1.5	#MULT-80,	\$8.00
75-75	300-300	2.5X1.3	#MULT-75,	\$8.25

Brown Mica

JAN CM-size 1.8" x1.6". Used, \$1.50:

MFD	VWDC	CM	Part#
.02	600	55	BM-02
.033	600	55	BM-033
.005	1200	55	BM-005

CM	MFD	VWDC	Part #	Price
55	.0003	1200	BM55-0003,	\$3.00
60	.0003	2500	BM60-0003,	\$3.75
65	.0062	2500	BM65-0062,	\$4.00

F1L-size MICA, 2.8x1.5x1:

MFD	VWDC	Part #	Price
0.006	2500	BM1-006	\$4.75
0.0001	3000	BM1-0001	\$4.75
0.0007	3000	BM1-0007	\$4.75

F3L 0.007mf 500VAC, #BM3-007, \$8.75

CHECK OUT OUR LATEST FEATURE ITEMS AT FAIRRADIO.COM

Electrolytic Axial

All the Electrolytic Capacitors listed below are axial lead and are new.

16 volts

mfd	part #	price	4-9	10+
50	ELE-50-16	4/\$1.00	\$0.25	\$0.23
6800	ELE-6800-16	2/\$0.70	\$0.25	\$0.23

50 volts

mfd	part #	price	4-9	10+
1	NEH1.0M50AA	3/\$1.20	\$0.39	\$0.34
2	NEH2.2M50AA	3/\$1.20	\$0.39	\$0.34
4.7	NEH4.7M50AA	3/\$1.20	\$0.39	\$0.34
10	NEH10M50BA	3/\$1.30	\$0.42	\$0.37
22	NEH22M50BB	2/\$1.20	\$0.58	\$0.54
33	NEH33M50CB	2/\$1.30	\$0.62	\$0.58
47	NEH47M50CB	2/\$1.45	\$0.70	\$0.66
100	NEH100M50CC	\$1.00	\$0.97	\$0.90
150	NEH150M50	\$1.29	\$1.25	\$1.18
220	NEH220M50DD	\$1.29	\$1.25	\$1.18
470	NEH470M50EE	\$1.69	\$1.64	\$1.56
1000	NEH1000M50FF	\$2.62	\$2.55	\$2.41
2200	NEH2200M50FG	\$4.84	\$4.71	\$4.45
4700	NEH4700M50JB	\$8.48	\$8.25	\$7.81

63 volts

mfd	part #	price	4-9	10+
1500	ELE-1500-63	2/\$1.20	\$0.55	\$0.50

160 volts

mfd	part #	price	4-9	10+
10	C-ET10-160	\$1.12	\$1.07	\$0.99
22	C-ET22-160	\$1.52	\$1.47	\$1.38
47	C-ET47-160	\$2.05	\$1.98	\$1.84
100	C-ET100-160	\$2.24	\$2.15	\$1.99
220	C-ET220-160	\$2.62	\$2.52	\$2.35

200 volts

mfd	part #	price	4-9	10+
1	ELE-1-200	2/\$1.20	\$0.55	\$0.50

350 volts

mfd	part #	price	4-9	10+
10	MB-10-350	\$1.20	\$1.13	\$1.00
22	MB-22-350	\$1.80	\$1.70	\$1.50
33	MB-33-350	\$2.59	\$2.39	\$2.19
47	MB-47-350	\$2.60	\$2.40	\$2.20
100	C-ET100-350	\$4.18	\$4.02	\$3.74
220	MB-220-350	\$4.19	\$4.03	\$3.75

450 volts

mfd	part #	price	4-9	10+
10	MB-10-450	\$1.27	\$1.19	\$1.10
22	MB-22-450	\$2.70	\$2.50	\$2.30
47	MB-47-450	\$2.95	\$2.75	\$2.50
100	C-ET100-450	\$4.49	\$4.29	\$4.09

100mf 16V PC Mt, #ELE-100-16, 4/\$1.00

- Electrolytic Capacitor Kit -

120 Pieces. Contents: 15 of each of the following: 1µF/50V, 2.2µF/50V, 4.7µF/50V, 10µF/50V, 22µF/50V, 47µF/25V, 100µF/25V; 5 of each of the following: 220µF/25V, 470µF/25V, 1000µF/25V; #K/CAP2, New, \$16.99

Computer Grade

MFD	Volts	Size	Part#	Price
23,000	7	5.5x1.5	CGC-7	\$1.00
90,000	10	6x3	CGC-10	\$1.50
18,000	19	5.5x1.5	CGC-19	\$2.50
72,000	25	6x3	CGC-25	\$3.00
6100	40	5.5x1.5	CGC-40	\$2.50
4900	50	3.5x1.5	CGC-50	\$2.50
3500	55	4x3	CGC-55	\$1.75
7700	200	5.5x1.5	CGC-200	\$16.00
6000	250	5.5x1.5	CGC-250	\$18.00
1500	350	4.5x2.5	CGC-350	\$23.00

Buy 5 or more one type - take 20% off
CLAMP for computer grades:
2" diameter, #CL-2, 3 for \$2.50
2.5" diameter, #CL-2.5, 3 for \$2.75

Orange Coating

All the Xicon Polypropylene (Orange Coating type) Capacitors listed below are in new condition.

630V

MFD	Part#	Price	4-9 pcs	10&up
.0022	OMB0022	2/\$1.00	\$0.45	\$0.39
.0047	OMB0047	2/\$1.00	\$0.45	\$0.39
.0056	OMB0056	2/\$1.00	\$0.45	\$0.39
.0068	OMB0068	2/\$1.00	\$0.45	\$0.39
.0082	OMB0082	2/\$1.00	\$0.45	\$0.39
.01	OMB01	2/\$1.00	\$0.45	\$0.39
.022	OMB022	2/\$1.00	\$0.45	\$0.39
.033	OMB033	2/\$1.00	\$0.45	\$0.39
.047	OMB047	2/\$1.50	\$0.69	\$0.59
.056	OMB056	2/\$1.50	\$0.69	\$0.59
.068	OMB068	2/\$1.50	\$0.69	\$0.59
.082	OMB082	2/\$1.50	\$0.69	\$0.59
.1	OMB1	2/\$1.50	\$0.69	\$0.59
.22	OMB2	\$1.00	\$0.95	\$0.85
.47	OMB47	\$1.95	\$1.75	\$1.50
1.0	OMB1MFD	\$1.96	\$1.76	\$1.51

0.33mf 100V orange drop, #OR-33, 2/1
0.68mf 100V orange drop, #OR-68, \$0.95

1KV Disc Capacitors

Part #	Price	10-24	25+
3.3pf	9003D3	5/\$0.99	\$0.18 \$0.16
5.0pf	9005D0	5/\$0.99	\$0.18 \$0.16
10pf	90010	5/\$0.99	\$0.18 \$0.16
20pf	90020	5/\$0.99	\$0.18 \$0.16
47pf	90047	5/\$0.99	\$0.18 \$0.16
68pf	90068	5/\$0.99	\$0.18 \$0.16
100pf	DSC-100	7/\$1.00	100/\$9.00
120pf	90112	5/\$0.99	\$0.18 \$0.16
220pf	90122	5/\$0.99	\$0.18 \$0.16
330pf	90133	5/\$0.99	\$0.18 \$0.16
470pf	90147	5/\$0.99	\$0.18 \$0.13
680pf	90168	5/\$0.99	\$0.18 \$0.13
820pf	90182	5/\$0.99	\$0.18 \$0.16
1000pf	90210	3/\$0.99	\$0.29 \$0.19
2200pf	90222	3/\$0.99	\$0.29 \$0.24
4700pf	90247	3/\$0.99	\$0.29 \$0.19
7500pf	90275	3/\$0.99	\$0.29 \$0.24
0.01µf	90310	3/\$0.99	\$0.29 \$0.19
0.050µ	90350	\$0.99	\$0.94 \$0.88
0.10µf	90410	\$1.29	\$1.22 \$1.14

- Disc Capacitor Kit -

224 Piece 50 volt Ceramic Disc Capacitor Kit, Contents: 21 of each of the following: 10pF, 100pF, 1000pF, 0.01µF, 0.1µF; 14 of each of the following: 22pF, 47pF, 220pF, 470pF, 2,200pF, 4,700pF, 0.022µF, 0.047µF; 7 of each of 0.220µF; #K/CAP1, New, \$16.99

Misc Capacitors

2500mf 3V Can Type 3.5x1, #MC-2500, 5/\$1
4.7mf 35V drop tant, #MC-47, 2/\$1
0.1mf 400V case ground, #MC-0.1, \$2.
3.3mf 400V metal. poly prop. #MC-3.3, \$2

FEED- THRU SUPPRESSION CAPS,
ERIE 1202 1000 pf 1KV. Used,
#1202-1000, 3/\$2.75

DIPPED MICA CAPS, +/-10% 100v;
3/\$1.25 #DIP-(specify pf),
pf: 18 22 27 33 82 150 220 470
2/\$1.00; pf: 750 1000 1200
* 1800 pf 300 v. 3 / \$3.00 *

Metalized Polyester

All the Metalized Polyester Tubular Capacitors listed below are new.

630 volts

MFD	Part #	Price	4-9 pcs	10&up
.001	YMB001	2/\$1.50	\$0.69	\$0.59
.0022	YMB0022	2/\$1.50	\$0.69	\$0.59
.0033	PY0033	2/\$1.50	\$0.69	\$0.59
.0047	YMB0047	2/\$1.50	\$0.69	\$0.59
.0056	YMB0056	2/\$1.50	\$0.69	\$0.59
.0068	YMB0068	2/\$1.50	\$0.69	\$0.59
.01	YMB01	2/\$1.70	\$0.79	\$0.69
.022	YMB022	2/\$1.70	\$0.79	\$0.69
.033	YMB033	2/\$1.70	\$0.79	\$0.69
.047	YMB047	2/\$1.70	\$0.79	\$0.69
.056	YMB056	2/\$1.70	\$0.79	\$0.69
.068	YMB068	2/\$1.70	\$0.79	\$0.69
.1	YMB1	\$1.25	\$1.15	\$1.05
.22	YMB22	\$1.25	\$1.15	\$1.05
.47	YMB47	\$1.25	\$1.15	\$1.05
.68	PY68	\$1.95	\$1.80	\$1.60
1.0	YMB1MFD	\$1.96	\$1.81	\$1.61

Mylar

The MLR series is a range of radial lead non-polarized polyester film (Mylar) capacitors dipped in a hard epoxy coating material to provide excellent protection against moisture. These devices are intended for general purpose DC applications.

100 volt

mfd	part #	price	4-9	10+
.0022	MLR22K100	3/\$1.00	\$0.29	\$0.22
.0047	MLR47K100	3/\$1.00	\$0.29	\$0.22
.01	MLR103K100	3/\$1.00	\$0.29	\$0.22
.022	MLR223K100	3/\$1.00	\$0.29	\$0.22
.047	MLR473K100	3/\$1.19	\$0.36	\$0.29
.1	MLR104K100	2/\$1.00	\$0.46	\$0.39
.22	MLR224K100	2/\$1.39	\$0.65	\$0.59
.33	MLR334K100	\$0.99	\$0.89	\$0.76
.47	MLR474K100	\$1.05	\$0.99	\$0.92

630 volt

mfd	part #	price	4-9	10+
.001	MLR102K630	2/\$1.19	\$0.56	\$0.52
.01	MLR103K630	2/\$1.00	\$0.46	\$0.39
.022	MLR223K630	2/\$1.00	\$0.46	\$0.39
.047	MLR473K630	2/\$1.19	\$0.55	\$0.49
.1	MLR104K630	2/\$1.39	\$0.65	\$0.59
.47	MLR474K630	\$1.99	\$1.89	\$1.79

RF Capacitors

Centralab 850- TYPE "door-knob" capacitors, 7.5KV, 0.5"H x 0.8" di; Used, \$7.00
#850-(specify pf),
10, 12, 25, 28, 40, 47, 50, 57, 63, 67, 75 pf

1200pf 5KV from Ceramite, epoxy make, same size as above. #CERA-1200, \$7

TYPE 857: 15KV, 40 or 50pf,
#857-(specify pf), \$12.00

50pf 15KV from HEC type HT57, same size & style as Cent. 857, #HT57, \$12

150pf 2KV low profile doorknob, 1.4" diameter x 0.8" height, #RF534, \$7.00

25pf 5KV from HEC type MT53, axial leads, #MT53, Unused, \$6.00

HV Capacitors

Energy Storage Capacitors Non-PCB, 88MF 1.2KVDC, 10"Hx 4.5"Wx3.5"D, #HVC-88, 11 lbs sh. Used, \$22.00

0.4 MFD 100,000 VDC CAPACITOR, A high voltage experimenter's dream! 41" long x 8.7" diameter 0.4 MF 100,000 VDC capacitor removed from an exotic government project! Non PCB. 1.4"L x .5" dia #18 stud ends, 97 lbs sh. #100MV04, \$350.00

Vacuum Capacitors

All Vacuum Variables listed below are 10-1000pf at 5KV and have 1/2" dia. shafts. Overall size 7.5" long x 2.8" diameter. Used high pot tested. 5 lbs sh. Energy Lab, Ceramic, #EL5-1000-5, \$210
Amperex, Ceramic, #CVC10/1K-5KV, \$230

Ceramic Vacuum Variable Capacitors. Each capacitor has a 3/8" dia. shaft with removable pin. Used.
300pf at 10KV, 3 5/8"D x 8 1/2"H, 7 lbs sh. #CVD-300-10, \$275.00
200pf at 10KV, 3 5/8"D x 8 1/2"H, 7 lbs. #CVD-200-10, \$275.00

500pf at 15KV, 3 1/4"D x 7 1/2"H, 1/2" dia. shaft. 7 lbs. #CVD-500-15N613, \$360.00

1500pf at 10KV, 5.5"D x 9"H, 1/2" dia shaft, 14 lbs, #CVD-1500-10, \$475.00
As above but 2300pf #CVD-2300-10, \$550

3.5-7 pf 35 KV 4.3"Lx3" dia, 5 lbs sh. UNUSED, #CVA-7-5, \$85.00

FIXED VACUUM CAPACITORS

various mfg; used:
3pf 25 KV cer. ;3.3Lx0.8, #CY-3-25, \$14
25pf 10 KV, 2.6Lx1.5, #JCS-2A-10, \$18
12pf 20KV; 6.5Lx2.8, #VC-12-20, \$17
12pf 30KV; 6.5Lx2.2, #CLF1-12-0030, \$27

R-C Networks

R-C Network - 0.47mfd 600VAC, 220 ohm 7 watt, 3 phase. Made by R-K Electronics. 1.5x4.7x3, #RCY6A-30, \$14.00

R-C Network - 2mfd 600VAC, 100 ohm 3 watt. Made by Electrocube. 1.3x2.9x1.3, #RG1676-7, \$12.00

R-C Network - 0.5mfd 600VAC, 220 ohm 1/2 watt. Made by Electrocube. 1.3x2.9x1.3, #RG1676-35, \$12.00

R-C Network - 0.5mfd 200VDC, 47 ohm 1/2 watt. Made by Electrocube. 0.4x1x0.6, #RG1780-3, \$2.50

CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

Air Variable



5 Gang Air Variable Capacitor covering 20 to 425pf per gang with a .02" air gap. Has a 3/8" diameter shaft x

1/4" long. Overall 6.4x3.2x2.8, 4 lbs sh. #5G-425, \$19.00

Same ratings as above except has a removable right angle drive which accepts a MC-124 tuning spline. Also has a longer shaft. With the right angle drive removed the shaft is 3/8" diameter with 1" length. #5G-425-GR, \$20.00



3 Gang, 4-25pf, 4-20pf, and 3-17pf. Air gap of around 0.03". 1.4" L x 1/8" diameter shaft. o/a

4x1.4x1.3, 1lbs sh. #3G-25, Unused, \$7.00

2 Gang Air Variable Capacitor, 14-78pf and 17-100pf with a 0.09" air gap. Shaft is 3/4" L x 1/4" Dia. O/A 5.3x1.5x3.3, 3 lbs sh. #C-221/T-195, Used, \$19.95



SINGLE GANG 8-26 pf 0.06" air gap; 2.8" disc removes for 0.5" L x 1/4" dia shaft. W /four 1.8"H insulators. Capacitor 1.5x2.8x3.1 o/a #T7660443-8, used, \$7.00

--- FM Tuner ---

H-K FM Tuner with AM capacitors, one FET/two transistor oscillator; requires -12V. Shaft 1" L x 1/4" diameter; o/a 3.5x2.3x2.8, 2 lbs sh. Mfg by Alps. #FB113U13, Unused, \$7.95



--- TRIMMER CAPACITORS ---

with screwdrive adjust shafts:
#C653/R174, 2-11pf, 3 / \$2.00
#C2-16, 2-15.7pf, 3 / \$2.50
#C103/382, 4-23pf, 3 / \$2.75
#C5-25, 5-25pf, NPO 3 / \$3.00

Sub-mini Piston Trimmer Cap 1.5-4.0pf 500V. By JMC mfg. #7666, Unused, \$6.00



TRIM CAPACITORS. Screwdriver adjust. These dielectric film

trimmers are used on PCBs, e.g. in radios. Suitable for industrial equipment thanks to their good stability. Rated for 250 volts. New, \$1.99 each.

PF	Dia	Temp. Max.	Part #
5.5-65	0.39"	158F	#TRIM65P
5.5-80	0.39"	185F	#TRIM80P

Precision Resistors

DALE (or =) POWER RESISTORS metal-type:

Ohms	Watts	Tol.	Part#	Price
1.96	30	1%	PR-1.96	\$2.50
12	100	5%	PR-12	\$4.00
50	20	3%	PR-50	\$1.50
100	20	1%	PR-100	\$1.50
1370	50	1%	PR-1370	\$3.25

All the resistors below are 3 / \$1.25

Ohms	Watts	Tol.	Part#	Price
1.5	3.0	5%	PR-1.5	
5	0.33	1%	PR-5	
90	0.50	1%	PR-90	
600	0.25	1%	PR-600	
58K	0.50	1%	PR-58K	
1.04M	0.33	1%	PR-1.04M	

Ohms	Watts	Tol.	Part#	Price
0.33	3	1%	PR-0.33	2/\$1.25
3000	2	1%	PR-3000	2/\$1.25
902K	2	1%	PR-902K	3/\$3.00

Rheostats



First set of numbers after RHEO-prefix is wattage; your choice of ohms is second set. SCD= screwdriver adjust type. Style varies; USED or UNUSED:

#RHEO-25W-(ohms), \$2.50 ea
2, 6-scd, 7, 60, 200, 350-SCD, 400, 450, 500,

#RHEO-D25W-250, Dual 250 ohm, \$4.00

#RHEO-D25W-500, Dual 500 ohm, \$4.00

#RHEO-50W-(ohms), \$3.50 ea
0.5, 4, 5, 8, 15, 18, 22, 100, 200, 225, 300, 350, 375, 2500

#RHEO-D50W-16, Dual 16 ohm, \$5.00

#RHEO-D50W-35, Dual 35 ohm, \$5.00

#RHEO-150W-2, 2 ohm, \$4.75

#RHEO-150W-75, 75 ohm, \$4.75

#RHEO-225W-3, 3 ohm, \$5.25

#RHEO-300W-50, 50 ohm, 3 lbs. \$10

Potentiometers

ALPS or = with switch; 5/8" dia + term. Shaft 1/4" dia. \$1.25 each:
#POT-10K, 10Kohm; #POT-50K, 50Kohm #POT-100K, 100K ohm

10-TURN PRECISION POTS, 1/4" dia shafts. 100 ohm 2.8"Hx1.8"dia. #A-R100-L25,\$8

ALPS 10K ohm potentiometer with a pull on / push off DPST switch. 1/4" diameter shaft. Probably good up to 1/2 watt. Used, #N-800, \$3.50; 4 / \$12

Grimes Four Section Potentiometer with knob. 1 K ohm at 2 watt per section. #A-4627, Unused, \$3.50

5 Kohm pot. with switch by PEC. 1/4" dia. shaft. #344832, Unused, \$3.50

2 Mega Ohm at 2 watts Potentiometer by Ohmite. 1/4" shaft. #CU-2052, Unused, \$2.50

250 Ohm at 4 watts Linear Resistance Wirewound Potentiometer by Clarostat. 1/4" shaft with screwdriver adjust. #RA30, Unused, \$1.75

Resistors

1/2 Watt to 2 Watt Metal Resistors

1/2 WATT		1 WATT		2 WATT	
Ohms	Part #	Ohms	Part #	Ohms	Part #
6 for \$1.00		5 for \$1.00		5 for \$1.00	
1 HW1D0		1 HW1D0		1 2W1D0	
10 HW010		10 1W010		1.8 2W1D8	
47 HW047		100 1W110		10 2W010	
100 HW100		180 1W118		18 2W018	
120 HW112		300 1W130		47 2W047	
220 HW122		510 1W151		100 2W110	
470 HW147		1K 1W210		1K 2W210	
1K HW210		3.3K 1W233		2.2K 2W222	
2.2K HW222		10K 1W310		3.9K 2W239	
4.7K HW247		470K 1W447		10K 2W310	
10K HW310				12K 2W312	
47K HW347				100K 2W410	
100K HW410					
240K HW424					
1M HW510					

POWER WIREWOUND



5 WATT		10 WATT		25 WATT	
Ohms	Part #	Ohms	Part #	Ohms	Part #
3 for \$1.00		up to 1K ohm 3 for \$1.15		2 for \$1.59	
0.1 5W010		1.0 10W1D0		1.0 25W1D0	
0.22 5W022		2.0 10W2D0		2.0 25W2D0	
0.33 5W033		2.7 10W2D2		2.7 25W2D7	
0.47 5W047		3.3 10W3D3		2.7 25W2D7	
1.0 5W1D0		3.9 10W3D9		3.9 25W3D9	
2.2 5W2D2		5.1 10W5D1		5.1 25W5D1	
3.3 5W3D3		6.8 10W6D8		6.8 25W6D8	
4.7 5W4D7		8.2 10W8D2		8.2 25W8D2	
5 5W5D0		10 10W10		10 25W10	
7.5 5W7D5		15 10W15		15 25W15	
10 5W10		22 10W22		20 25W20	
22 5W022		27 10W27		27 25W27	
39 5W039		47 10W47		47 25W47	
47 5W047		100 10W110		75 25W075	
100 5W110		150 10W115		100 25W110	
330 5W133		1K 10W210		150 25W115	
1K 5W210				220 25W122	
4.7K 5W247				220 25W122	
6.8K 5W268				1K 25W210	
10K 5W310				2.2K 25W222	

Ohms	Watts	Part#	Price
1	50	RS-1	\$1.25
1.5	3	RS-1.5	5/\$1.25
1.67	35 flat	RS-1.67	3/\$2.50
10	31 Dale	RS-10	2/\$1.25
15	95 Dale	RS-15	\$1.25
22	53 Dale	RS-22	3/\$3.00
160	20	RS-160	5/\$2.50
200	100	RS-200	\$1.20
2000	43	RS-2000	3/\$2.50
3000	68	RS-3000	\$1.25
7100	145	RS-7100	\$2.50
40M	2.5"L x .6"D	RS-40M	\$6.00
80M	6.5"L x .6"D	RS-80M	\$8.00

Cableform Products 30 Megohm resistor. CJC, 30Kv, Ferrule connections. 30 watts, size 10.5 x 1 1/8 #Cableform-30M \$29.00

DALE 70 WATT 5% 6- RESISTOR BANK, two ea 4 & 7 ohm. one ea 6 & 8 ohm; 6"L x 3"H. #R6X70W, \$5.25

---SLIDE RESISTORS---

with variable slide adjust:

Ohms	Watts	Part#	Price
4	25 W + 4 fixed	SR-4	3/\$2.75
15	50	SR-15	\$1.75
16	225	SR-16	\$8.50
20	25	SR-20	\$1.25
50	160	SR-50	\$3.00
100	150	SR-100	\$3.00

Cases & Enclosures



Ideal enclosures for your next project! All items below are black aluminum chassis with dark grey front panels. The top and bottom of each of the units are heatsinked with 1/10" fins. The overall dimension of each unit is 9 5/8" deep x 5" tall. All enclosures have multiple 1/4" diameter holes on the front plate. They differ according to width. Used excellent.

1 15/16" Wide, 3 lbs sh, #ENC-4-2, \$9.00
4 1/8" Wide, 4 lbs sh, #ENC-10-4, \$11.50

Cast aluminum boxes for those RF and other projects where an inexpensive sturdy box is needed. Boxes have various late 1970's transistors and components and circuit boards. Used condition.

Cast aluminum box. 7.5 x 2.625 x 7.5 has sheet aluminum side panels and male DB9 connector. 2 lbs sh. #BOX68429, \$6.00

Similar to above but has 5 internal compartments separated by cast walls. Four sections each 13/16 x 4 1/8 x 1 1/16 and one section 2 13/16 x 2 3/16 x 1 5/16. 2 lbs sh. #BOX295C, \$7.00

Medium cast box 6 1/2 x 4 1/4 x 1 1/2 with provision for mounting circuit board at approx 3/4 inch depth. Two sheet aluminum covers. 3 lbs sh. #BOX641, \$10.00

INSTRUMENT CABINET for HP- test set; adapt to other uses. 7.6"H x 19"Wx9"D + 4"D cover less 1" overlap; three 6"Hx5"W compartments; w/fastners & strap; 17 lbs sh. #CS-HP3550, used, \$32.00

LARGE ALUMINUM TRANSIT CASE with rounded corners, hasp fastners & carrying handles; 20.8"Hx28"W x 17"D including 6"H top. Spot welded compartments + 2 nesting trays; 66 lbs. #CY-3700/PRC-47, used, \$56.00

Steel Ammo Box, ideal for your tools. Inner Dimensions are 3.4 x 10 x 6.5. Hasp fastener on one side and hinged on the other. Slight rust. Carrying handle. 6 lbs sh. #ENC-AMMO, Used, \$6.00; 6 for \$22.00

Low profile cast aluminum enclosure. Removeable top. Has some small holes. 5.8x2.5x1.6, 2 lbs sh. #LP-1 used, \$6.95

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Enclosures



ALUMINUM SEALED DIE-CAST ENCLOSURE. These enclosures provide effective EMI- and RFI-shielding. The

mounting holes and the screws for the lid are outside the sealed area, which prevents moisture and dust from entering the enclosure. New.

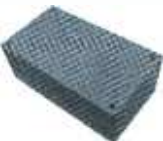
2.5" x 2.3" x 1.4", #G104, \$8.58
4.5" x 2.6" x 1.2", #G106, \$10.60
6.7" x 4.8" x 2.2", #G1201, \$25.70
8.7" x 5.7" x 2.2", #G124, \$29.99

Molded Plastic in high-impact ABS, fire-retardant - dark gray. These cases in molded plastic have a two-piece design with a



tongue and groove joint between the top and bottom half. Non-scratch surface with a high-quality finish. Guide slots are provided for vertical PCB mounting and slots make horizontal PCB mounting possible. New.

3.5" x 2.0" x 0.9", #G403, \$3.80
3.5" x 2.0" x 1.3", #G404, \$2.99
4.7" x 2.4" x 1.2", #G407, \$5.90
4.7" x 2.4" x 1.6", #G410, \$6.50
5.9" x 3.1" x 1.8", #G416, \$9.99
7.5" x 3.9" x 2.4", #G421, \$12.80



This plastic utility box is molded in impact-resistant ABS and has card guides spaced at intervals of 7.9" to

allow flexibility in the spacing of the components or the creation of compartments. Guides will accept cards with a max. thickness of 0.06". New.
3.7" x 1.9" x 1.5", #G1068, \$2.99
5.3" x 3.0" x 2.0", #G1098, \$2.99

These enclosures consist of high-impact ABS (operating temperature: -40°F to +212°F). The lid and the base



equipped with a tongue and groove sealing system with a neoprene gasket. The mounting holes and the attaching screws are outside the seals, which prevents moisture and dust from entering the enclosure. Internal guide slots allow the vertical mounting of PCB assemblies. The guides on the internal base allow the horizontal mounting of PCBs. New.

2.5" x 2.3" x 1.4", #G302, \$4.78
4.5" x 2.6" x 1.6", #G304, \$7.98
6.7" x 4.8" x 2.2", #G313, \$12.90
10.4" x 7.3" x 4.0", #G378, \$29.98

Equipment Glides

Military quality for rack mounting; 2"W x 16.5"L; chassis slides have 19" travel. Load rating approximately 100 lbs; 6 lbs sh. #GL-1621, used, \$15.00 per pair

Window Enclosure



Weather Resistant Enclosure with Window, Great for your outdoor control / monitoring of solar cells, antenna controls, control center for your garden watering system. Cover is hinged & gasketed for weather resistance. O.D.

15.5" x 13.4" x 6.5"; I.D. 13.9 x 11.9 x 5.9; Window 9.4 x 6. The window allows you to monitor your circuit if you put readouts behind the window. Made of fiberglass reinforced polyester, Non-metallic. Color - machine gray. Long piano hinge, looks like stainless steel. Stahl Industrial. 10 lbs sh. #23541412, Unused in box, \$49.50

Crystals

JK02 Ovens for CR-26 xtal. 6 - 24 VAC / DC; plug into octal socket. Less xtals; Used, #251B1001 for one xtal, \$2.75 #251B1003 for two xtal, \$3.25



Baker's Dozen Crystal Socket Assembly, 13 ceramic crystal sockets CR-23 style mounted on an aluminum strip. 9"L x 1.2"W x 0.9"H, 2 lbs sh. #CR-23-13, \$7.50

Insulators

Stand-off Insulators crows feet type. Brass plated bases and terminals: D= Diameter H=Height M=Mount base holes' center distance ST=Screw terminals CT=Clamp terminals



#B-H3-D1.25-ST3, brown ceramic; M=2.25". Term. cap: 7/8x1 5/8" dia; 2 lbs. \$3.25

#W-H5-D1.25-ST, white; M=2.625". Term cap: 3/8x 1 1/4" dia. 3 lb \$4.25

#B-H5-D1.25-CT, white; M= 2.25". Term cap: 1x1 5/8" dia. 3 lb \$4.50

#B-H7-D1.25-ST, brown, M=2.6", Term cap 1x1 3/4" dia; 3 lbs. \$5.50

Quantity Discounts on above!
10-25 ea (1-type) 20% off;
25% (26-99), 30% (100)

STAND-OFF with CLIP for clip-in resistors or capacitors. 1"H x 0.8" square insulator with clip for 0.5" dia cap, #NS4W1208, \$2.00

PORCELAIN STAND-OFFS, no bases but screw threaded:
#P-4H-75D 4"Hx 0.75" dia; 8-24 threader. \$1.25 ea; 2 / \$2.25

--- Strain Insulators ---
BROWN porcelain insulator 8.5"Lx1.8"h x 1"D with reinforced 0.5" dia hole on ends; 3lbs sh. #SPI-85181, \$2.39; 2/\$3.50

Insulators



Insulator, 1 1/2"H x 1" Diameter. Has a 1/4" - 20 thread on each end. #NL522W04, \$ 1.50

INSULATOR POST for mounting capacitors, coils, etc. 1.7"Hx3/8" sq porcelain; 1/8" di thru-hole near top; base threaded for chassis screw. #IP-1706, \$1.25

2"Hx1" square; two 6/32 threads top and bottom. #NL523W14, \$2.50

MP-48A INSULATOR for WW-2 vehicular spring antenna base; 3.6"Lx2.6" dia, 4 lb. #INS-48A, \$18.00

COLLAR for MP-48A, fits bottom of base, #COLL-48A, \$3.00

Phenolic Insulator from MP-48, #IN-118, \$8.50



Large porcelain thru panel insulator. 9/16" diameter center hole. Has 6 threaded mounting holes on outer lip. Overall size is 5 1/4"Dia x 2 3/4"H.

No Hardware. #INS-6, Used, \$12.00

Coil Forms

Small Ceramic Coil Form consists of 35 grooves in a 1.7" space. o/a 3.1"Hx1.1"dia. #CF-5, \$3.00

Small Ceramic Coil Form consists of 10 grooves in a 0.5" space. o/a 1.7"Hx1"dia #CF-1, \$2.50

3 pin Plastic Coil Form which fits BC-611. o/a 0.9" dia. x 1.9"H, #CF-3, 2/\$1.25

Coil Form Assortment has: porcelain inductor core 1 7/8" tall 1 1/8" base has 4 mounting

holes. The winding core has 41 grooves for wire 10 holes on flat edge. 3 small porcelain cores with 3 wire grooves. The base has a 6/32 threaded hole. #IND-K1, \$3.25

Inductors & Coils

#C-447 coil for BC-610 xmitter 4.5"L x 4.5" dia; 3 lbs sh. Unused, \$14.00

1.25MhY RF choke with ceramic post mount, Overall 2.7" L. #L-RF1.25, \$3.50

400uH RF choke axial lead, #L-RF400, \$1.55; 5 for \$5.50

TELEPHONE PICK UP COIL p/o modem coupler; no info. 5/8x1.8" dia. #403-4, \$1.25

Inductors & Coils



ROLLER INDUCTOR ASSEMBLY with 115 VAC 400 Hz motor drive, 3.4" ig x 1.75 dia coil; 28 turns #18 wire

approx 14 uH with center tap. Designed to resonate antenna to a transceiver's frequency. 4.5x2.8x3.8, 5 lb used #T301/CU-991, \$8.50

ANTENNA LOAD ASSEMBLY from AM-3349/GRC-106, Includes C26 1000pf at 5KV vacuum variable capacitor, C27 15-355pf air capacitor, 26 1000pf feed-thru caps, L1 0.5 to 40UH variable inductor, L2 37UH fixed inductor, S1 2-deck 5-position ceramic switch and two Globe or = 24 VDC motors. 5.5 x 9.5 x 5.5, 10 lbs shipping. #3349-02, Used, \$280.00



L5 ROLLER INDUCTOR, 26 turns #18 silvered wire 2"Lx1.1" dia coil: 8.4 uH max. 115 V 400 Hz motor drive like above; runs on 26V 60 hz. Adaptable to direct drive. O/a 6x3x4.75, 3 lb #L5/ARC-58, \$15.00

ROLLER INDUCTOR KITS includes 4.4"L x 1.5" dia ceramic coil with 40 turns #14 silvered-wire, roller wheel, guide shaft & springs. 3/8" dia shafts have removable pinned gear. End support plates not supplied; 3lbs sh. #L22-PRC-47, 22 uH, \$18.00 #L35-PRC47, 35 uH w/ part slug core #17 #L40-PRC47, 40 uH w/ full slug core #17

40 UHy Coil on a ceramic form with 9 taps. #16 wire. 39 turns. 4.7"L x 2" diameter. #L-4016, \$12.00

RF MASTER OSC COILS: pull out of T-22 / ARC-5 7-9 MHz xmitter; #T53/6032, \$4.75

Ceramic 2" Hx1.6" diameter base. #L101/ART13, \$4.75

FERRITE CORE INDUCTOR PC mount; 7/8x 3/4" dia. #NV243, 123-177 mH, \$2.00

Small Inductor, 1.5 mH, 1 ADC, 5V, 12KHz, .5 ohm DCR, PC mount. #80063, \$2.30; 3 / \$6.00

Inductors

The PI Wound Inductors listed below are enamel coated. The 2nd number in the part number designates the number of sections.

Part #	L x Dia	uHy	L-ma	Price	10 pcs
P3FE-1200	.90-.32	1200	50	\$5.00	\$30
P3PE-500	.50-.30	500	50	\$5.00	\$30
P2PE-675	.75-.45	675	200	\$5.00	\$30
P4PE-3500	1.00-.42	3500	200	\$5.00	\$30
P3FS-5800	.90-.50	5800	200	\$3.00	\$15
P3FE-12000	1.00-.42	12000	200	\$5.00	\$30

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Inductors

First letter in part number is the Style: M - Multilayer; S - Single layer; P - Pl wound / number of sections;

Second letter in part number is the Material: P - Phenolic; F - Ferrite;

Third letter in part number is the Coating: C - Coated; S - Shrink covering; E - Enamel wire;

Example: A part number that starts out "MPE" would represent a Multilayer style, a Phenolic form, and an Enamel coating.



Multi Layer Enamel



Multi Layer Coated



Single Layer Enamel



Single Layer Shrink



Wideband



Torroid

MULTI LAYER ENAMEL									
Part #	L x Dia	uHy	I - ma	Price	5 pcs	10 pcs	100 pcs		
MPE-55	.40x.25	55	125	\$2.00	\$6.00	\$10.00	\$60.00		
MPE-65	.30x.20	65	125	\$2.00	\$6.00	\$10.00	\$60.00		
MPE-70	.30x.20	70	125	\$2.00	\$6.00	\$10.00	\$60.00		
MFE-75	.30x.12	75	125	\$2.00	\$6.00	\$10.00	\$60.00		
MPE-85	.30x.20	85	125	\$2.00	\$6.00	\$10.00	\$60.00		
MPE-100	1.40x.40	100	2000	\$2.00	\$8.00	\$14.00			
MPE-107	.30x.20	107	50	\$2.00	\$6.00	\$10.00	\$60.00		
MFE-110	.30x.15	110	50	\$2.00	\$6.00	\$10.00	\$60.00		
MFE-122	.38x.25	122	125	\$2.00	\$6.00	\$10.00			
MFE-135	.40x.55	135	300	\$2.00	\$8.00	\$14.00	\$80.00		
MFE-135	.30x.18	135	50	\$2.00	\$6.00	\$10.00	\$60.00		
MFE-138	.30x.20	138	125	\$2.00	\$6.00	\$10.00			
MFE-150	.30x.18	150	50	\$2.00	\$6.00	\$10.00	\$60.00		
MFE-178	.30x.22	178	125	\$2.00	\$6.00	\$10.00	\$60.00		
MFE-200	.30x.20	200	125	\$2.00	\$6.00	\$10.00	\$60.00		
MFE-218	.30x.22	218	125	\$2.00	\$6.00	\$10.00	\$60.00		
MFE-100-30-260	1.00x.30	260	500	\$2.00	\$8.00	\$14.00			
MFE-30-25-260	.30x.25	260	50	\$2.00	\$6.00	\$10.00	\$60.00		
MPE-266	.30x.30	266	50	\$2.00	\$6.00	\$10.00	\$60.00		
MFE-300	.30x.25	300	50	\$2.00	\$6.00	\$10.00	\$60.00		
MFE-340	.30x.30	340	100	\$2.00	\$6.00	\$10.00	\$60.00		
MFE-360	.30x.20	360	100	\$2.00	\$6.00	\$10.00	\$60.00		
MFE-362	.30x.27	362	100	\$2.00	\$6.00	\$10.00			
MFE-375	.30x.25	375	100	\$2.00	\$6.00	\$10.00	\$60.00		
MFE-390	.30x.30	390	100	\$2.00	\$6.00	\$10.00	\$60.00		
MFE-400	.75-.35	400	500	\$3.00	\$10.00	\$15.00	\$60.00		
MFE-435	.30x.25	435	50	\$2.00	\$6.00	\$10.00	\$60.00		
MFE-550	.30x.30	550	50	\$2.00	\$6.00	\$10.00	\$60.00		
MFE-680	.30x.30	680	50	\$2.00	\$6.00	\$10.00	\$60.00		
MFE-685	.30x.40	685	50	\$2.00	\$6.00	\$10.00	\$60.00		
MFE-100-40-715	1.00x.40	715	500	\$2.00	\$8.00	\$14.00			
MFE-30-12-715	.30x.12	715	30	\$2.00	\$6.00	\$10.00	\$60.00		
MPE-785	.30x.32	785	50	\$2.00	\$6.00	\$10.00	\$60.00		
MPE-820	.30x.40	820	50	\$2.00	\$6.00	\$10.00	\$60.00		
MPE-1000	.30x.40	1000	50	\$2.00	\$6.00	\$10.00	\$60.00		
MFE-1160	.40x.30	1160	50	\$2.00	\$6.00	\$10.00	\$60.00		
MFE-3000	.30x.20	3000	30	\$2.00	\$6.00	\$10.00	\$60.00		
MFE-4300	.40x.20	4300	50	\$2.00	\$6.00	\$10.00	\$60.00		
MFE-6000	.85x.40	6000	200	\$2.00	\$6.00	\$10.00			
MFE-6250	.30x.42	6250	75	\$2.00	\$6.00	\$10.00	\$60.00		
MFE-7950	.40x.30	7950	30	\$2.00	\$6.00	\$10.00	\$60.00		
MPE-11500	.50x.40	11500	30	\$2.00	\$6.00	\$10.00	\$60.00		

MULTI LAYER COATING									
Part #	L x Dia	uHy	I - ma	Price	5 pcs	10 pcs	100 pcs		
MPC-90	.30-.28	90	30	\$2.00	\$5.00	\$7.50	\$50.00		
MFC-95	.25-.12	95	30	\$2.00	\$5.00	\$7.50	\$50.00		
MFC-110	.30-.25	110	50	\$2.00	\$5.00	\$7.50	\$50.00		
MFC-135	.30-.19	135	30	\$2.00	\$5.00	\$7.50	\$50.00		
MPC-145	.30-.22	145	30	\$2.00	\$5.00	\$7.50	\$50.00		
MFC-155	.30-.19	155	50	\$2.00	\$5.00	\$7.50	\$50.00		
MPC-25-30-180	.25-.30	180	50	\$2.00	\$5.00	\$7.50	\$50.00		
MPC-30-30-180	.30-.30	180	50	\$2.00	\$5.00	\$7.50	\$50.00		
MFC-195	.30-.18	195	30	\$2.00	\$5.00	\$7.50	\$50.00		
MFC-200	.30-.25	200	75	\$2.00	\$5.00	\$7.50	\$50.00		
MFC-205	.30-.20	205	50	\$2.00	\$5.00	\$7.50	\$50.00		
MFC-225	.30-.30	225	50	\$2.00	\$5.00	\$7.50	\$50.00		
MFC-260	.30-.25	260	50	\$2.00	\$5.00	\$7.50	\$50.00		
MFC-265	.30-.30	265	50	\$2.00	\$5.00	\$7.50	\$50.00		
MFC-266	.30-.30	266	50	\$2.00	\$5.00	\$7.50	\$50.00		
MPC-30-30-300	.30-.30	300	50	\$2.00	\$5.00	\$7.50	\$50.00		
MPC-30-22-300	.30-.22	300	50	\$2.00	\$5.00	\$7.50	\$50.00		
MFC-325	.30-.30	325	50	\$2.00	\$5.00	\$7.50	\$50.00		
MFC-355	.30-.22	355	50	\$2.00	\$5.00	\$7.50	\$50.00		
MFC-425	.50-.40	425	50	\$2.00	\$5.00	\$7.50	\$50.00		
MFC-510	.30-.30	510	50	\$2.00	\$5.00	\$7.50	\$50.00		
MFC-590	.30-.28	590	50	\$2.00	\$5.00	\$7.50	\$50.00		
MFC-625	.30-.35	625	50	\$2.00	\$5.00	\$7.50	\$50.00		
MPC-835	.30-.40	835	50	\$2.00	\$5.00	\$7.50	\$50.00		
MPC-1200	.35-.32	1200	50	\$2.00	\$5.00	\$7.50	\$50.00		
MPC-38-32-1400	.38-.32	1400	50	\$2.00	\$5.00	\$7.50	\$50.00		
MPC-32-32-1400	.32-.32	1400	50	\$2.00	\$5.00	\$7.50	\$50.00		
MPC-1530	.35-.32	1530	50	\$2.00	\$5.00	\$7.50	\$50.00		
MPC-1650	.40-.35	1650	50	\$2.00	\$5.00	\$7.50	\$50.00		
MPC-1660	.35-.30	1660	50	\$2.00	\$5.00	\$7.50	\$50.00		
MFC-7900	.40-.28	7900	50	\$2.00	\$5.00	\$7.50	\$50.00		
MFC-8450	.40-.48	8450	50	\$2.00	\$5.00	\$7.50	\$50.00		
MFC-10300	.50-.40	10300	50	\$2.00	\$5.00	\$7.50	\$50.00		
MFC-16900	.50-.40	16900	50	\$2.00	\$5.00	\$7.50	\$50.00		
MFC-21000	.65-.41	21000	50	\$2.00	\$5.00	\$7.50	\$50.00		
MFC-23000	.50-.50	23000	50	\$2.00	\$5.00	\$7.50	\$50.00		
MFC-26000	.65-.45	26000	50	\$2.00	\$5.00	\$7.50	\$50.00		

MULTI LAYER SHRINK									
Part #	L x Dia	uHy	I - ma	Price	5 pcs	10 pcs	100 pcs		
MFS-59	.70-.40	59	300	\$3.00	\$10.00	\$15.00			
MFS-100	1.00-.40	100	800	\$3.00	\$10.00	\$15.00			
MFS-110	1.25-.45	110	1200	\$3.00	\$10.00	\$15.00			
MFS-115	1.50-.60	115	2000	\$3.00	\$10.00	\$15.00			
MFS-170	.75-.40	170	800	\$3.00	\$10.00	\$15.00			
MFS-182	.75-.50	180	125	\$3.00	\$10.00	\$15.00	\$100.00		
MFS-520	.75-.40	520	300	\$3.00	\$10.00	\$15.00	\$100.00		
MFS-750	.50-.22	750	200	\$3.00	\$10.00	\$15.00	\$100.00		
MFS-1110	.75-.40	1110	300	\$3.00	\$10.00	\$15.00	\$100.00		
MFS-1125	1.20-.30	1125	200	\$3.00	\$10.00	\$15.00	\$100.00		
MFS-4300	.78-.70	4300	200	\$3.00	\$10.00	\$15.00			
MFS-13000	.75-.50	13000	125	\$3.00	\$10.00	\$15.00	\$100.00		
MFS-17500	.75-.50	17500	125	\$3.00	\$10.00	\$15.00			
MFS-39200	.75-.45	39200	125	\$3.00	\$10.00	\$15.00			

SINGLE LAYER ENAMEL									
Part #	L x Dia	uHy	I - ma	Price	5 pcs	10 pcs	100 pcs		
SFE-4	.65x.22	4	2000	\$2.00	\$8.00	\$14.00			
SFE-4.5	.62x.20	4.5	800	\$2.00	\$5.00	\$7.50	\$50.00		
SFE-33-10-5.5	.33x.10	5.5	200	\$2.00	\$5.00	\$7.50	\$50.00		
SFE-20-23-5.5	.23x.10	5.5	200	\$2.00	\$5.00	\$7.50	\$50.00		
SPE-30-14-5.5	.30x.14	5.5	200	\$2.00	\$5.00	\$7.50	\$50.00		
SPE-50-17-5.5	.50x.17	5.5	300	\$2.00	\$5.00	\$7.50	\$50.00		
SPE-62-20-5.5	.62x.20	5.5	300	\$2.00	\$5.00	\$7.50	\$50.00		
SPE-30-10-6	.30x.10	6	200	\$2.00	\$5.00	\$7.50	\$50.00		
SFE-75-22-6	.75x.22	6	800	\$2.00	\$5.00	\$7.50	\$50.00		
SFE-78-30-6	.78x.30	6	500	\$2.00	\$5.00	\$7.50	\$50.00		
SPE-25-10-6.5	.25x.10	6.5	200	\$2.00	\$5.00	\$7.50	\$50.00		
SPE-30-15-6.5	.30x.15	6.5	200	\$2.00	\$5.00	\$7.50	\$50.00		
SPE-62-18-6.5	.62x.18	6.5	300	\$2.00	\$5.00	\$7.50	\$50.00		
SPE-25-12-7.5	.25x.12	7.5	200	\$2.00	\$5.00	\$7.50	\$50.00		
SFE-75-20-7.5	.75x.20	7.5	300	\$2.00	\$5.00	\$7.50	\$50.00		
SPE-10	.35x.11	10	200	\$2.00	\$5.00	\$7.50	\$50.00		
SPE-42-10-11	.42x.10	11	200	\$2.00	\$5.00	\$7.50	\$50.00		
SPE-50-13-11	.50x.13	11	200	\$2.00	\$5.00	\$7.50	\$50.00		
SPE-11.5	.35x.15	11.5	200	\$2.00	\$5.00	\$7.50	\$50.00		
SPE-41-12-12.5	.41x.12	12.5	200	\$2.00	\$5.00	\$7.50	\$50.00		
SPE-30-10-12.5	.30x.10	12.5	30	\$2.00	\$5.00	\$7.50	\$50.00		
SPE-18	.57x.20	18	200	\$2.00	\$5.00	\$7.50	\$50.00		
SPE-50-17-23	.50x.17	23	80	\$2.00	\$5.00	\$7.50	\$50.00		
SPE-75-19-23	.75x.19	23	200	\$2.00	\$5.00	\$7.50	\$50.00		
SFE-25	.75x.21	25	200	\$2.00	\$5.00	\$7.50	\$50.00		
SPE-27	.30x.10	27	30	\$2.00	\$5.00	\$7.50	\$50.00		
SFE-34	1.00x.29	34	800	\$2.00	\$5.00	\$7.50	\$50.00		
SFE-36	.88x.22	36	300	\$2.00	\$5.00	\$7.50	\$50.00		
SPE-39	.75x.21	39	300	\$2.00	\$5.00	\$7.50	\$50.00		
SPE-44	.75x.21	44	300	\$2.00	\$5.00	\$7.50	\$50.00		
SPE-45	.50x.13	45	80	\$2.00	\$5.00	\$7.50	\$50.00		
SPE-58	.50x.13	58	80	\$2.00	\$5.00	\$7.50	\$50.00		

Standard Relays

OPEN FRAME RELAYS with heavy 10 amp silver contacts; mi-calex insulated. 1.8x2.4x1.8, 1 lb sh. USED-CLEAN:

DPST NO, coil 115 VAC 60 Hz 400 ohms, #22-4383, \$16.00

DPDT, coil 6.3vac1 ohm, #22-4384, \$18

DPDT ceramic, 28VDC coil. #1007-BF, \$10.00

SPDT 9.6-15.8 VDC relay 206 ohm coil; used in GE mobile transceivers. For solder or socket connections. 1x1x3/4. #3SBW1001A2, Unused, \$1.75 each. 24/\$29.95

DPDT P&B PLATE RELAY; sealed metal can, requires octal socket. 2.5x1.5x1.4, #KR-4175-1, Unused, \$2.50

OMRON 3PDT RELAY, 24 V DC 650 ohm coil; 2 A contacts. 11-pin plug-in/solder lugs. 1x1.5x0.8; #OM-MY3, \$3

P&B 3PST 120 VAC coil, 10 amp 1/4 HP contacts; clear cover. #KU-4666, \$3.95

DUAL DC COIL each 3PST; one 24 V, other 48 V. PC-mt. 2.8x1.5x1.3; #116-2601, \$3.00

115 VAC 60 Hz COIL 25 amp @ 28 VDC/ 115 VAC contacts; solder terminals. 1.8x 3x1.8; #26S20/2054, Used, \$4.75

K3 Relay removed from the T-368. 380 ohms 115VAC 60Hz. High voltage: SP-NC 2500VDC at 500ma. Low voltage: SPDT 500VDC at 10ma. #K3-T368, \$29.95

Open frame relay 24VDC 230 ohm coil. 3PST N.O. 10 amps 120VAC / 5 amps 240VAC. SPST N.O. 1 amp 24VDC #DOUX-2055, \$4.75

4PDT 48VDC 3700 ohm coil; 1x1.5x1.7, #MHX4069, \$2.00

DOLLAR DAZE RELAY KIT, five mixed relays various voltages AC/DC. #DD-56-98, \$2.50

SENSITIVE RELAY SPDT 6 to 12 VDC 1500 ohms, contact adjust. 2.8x2.2 x2.3, 1 lb sh. #RM39/1901, used \$1.95

Sealed SENSITIVE RELAY, 50 ohms 28 ma coil; DPDT contacts. Solder hooks; 1x1x2 1/4. #R400-2B-50, \$3.50

ULTRA-SENSITIVE P&B 6 VDC DPDT RELAY, coil 500 ohm res. < 40 mv nom. power. Contacts rated 2 amp @ 28 VDC/120VAC; solder or socket mount. #R10-E1Y2SS500, Unused, \$4.25

Vacuum Relays

Kilovac (equal to Jennings RB1H) SPDT 26 VDC 270 ohm coil; 12 KV pk AC/DC 15 amps cont. W/ mount flange; 2.3"Hx1.5" dia, 1 lb. #H-8, Used, \$79.95

SPDT 335 ohm; 3.6 KV pk 18 A AC/DC. Max-open/release: 6 ms. 1.3"Hx0.8" dia, used less hardware, #RJ1A-26S, \$58.00

SPDT 8 amps at 2KV Jennings vacuum relay. 26 vdc, 920 Ohm coil. Mounts in 1/2" hole. 1.6" long. One terminal trimmed but usable. #RF1E-26N591, \$40

Vacuum Contactors

JENNINGS SPST VACUUM CONTACTOR for 3-1/8" (78 mm) dia hardline coaxial hook-up; rated 25 KW @ 30 MHz; 20 KV peak test; actuator 19-29 VDC. 4x8x3.8, 7 lbs. #RC10A5225A24, Unused, \$120

JENNINGS SPDT RF CONTACTOR for high power transmit and process equipment. 26.5 VDC actuator switch rated 300 amps @ 2.5 KV peak; pk test 10 KV 60 Hz. Sealed enclosure w/ mount flange; connector not available. 5x 5.3 x9.5, 22 lbs sh. #RF20BLDE8I2I-1, \$175.00

Relays, etc...

LEDEX 28 VDC SOLENOID, 8-position 45 deg stroke. Start torque: 5 lb-in 35 W (15 lb-in holding) cont. duty; 32 lb-in 700 W 1/20 duty. 7S-size 2.8" dia x1.9" W; 1/2x3/8" dia shaft. 4 lbs. #S-8210-025, Unused, \$5.75

ITT General Contols Sub-miniature Direct Acting Solenoid Valve. Coil 24 VDC, 10 PSI, 1/8 in port. For use with air, gas, water, hydraulic fluids, light fuel oils. Looks like 5/16 fitting. 2" long x 1" diameter. 1 lb sh. #S32121012, Unused, \$12.00

--- RELAY SOCKETS ---

10-BLADE Relay Socket for track mount of above; pressure screw terminals; 2.8x1.4x2., Weldmuller mfg. 1 lb. #RS-10, Unused, \$3.00

--- REED RELAYS ---

4-REED RELAY CIRCUIT BOARD, 3 / 500 ohm & one 5K ohm 10-15 VDC relays; also a 26 VDC DPDT sealed relay. #792-312, \$3.50

ELECTROL 5 VDC REED RELAY, low current SPST norm-open contacts; 0.7"x2.5"x0.6". #R4376-2, NEW, \$2.75

--- SOLID STATE RELAYS ---

Solid State Relay by Gordos. 3-32VDC Input, 240VAC at 10 amps. 2.2x1.8 x1, #G280D10V, Used, \$10.00

Contactors

CONTACTOR RELAY, 12 VDC coil & 12 V SPST norm-open contacts; 20 amps. Mfg by Massy Ferguson. 2x1.8x1.1; 1lb sh. #81-2450-1, \$3.50; 10/\$23

SIEMENS CONTACTORS, 80 VDC coils, 2 lbs. NEW: 2 NO+2NC; contacts 230/600 V 3/1 amps. Aux contact 10A 240 VAC; 2.8x1.8x1.8. #3TH12022 \$7.50

Coaxial Devices

SPDT Microwave Switch designed for high performance in microwave systems to 12.4 GHz. Has three TNC connections. Requires 24-30VDC. 3x2.70.9, Jay-EI Products. #D2-313B008, used, \$46.00

Transco SPDT Coax Relay, 50 ohms, Frequency: DC - 18GHz, Power: 28 Volt DC, Three SMA females. #82152-810C30100, Good condition, \$38.00

RE-275 APDT Coax Relay, operates over 100-400 MHz, 24-28VDC coil. VSWR better than 1.1; cross-talk better than 60DB. Three BNC connections. 2.5x 3.2x1.7, 2 lbs sh. #RE-275, Used, \$29.95

6VDC SPDT Coax Relay by Danbury-Knudsen. For use with transmitter. Has two female BNC connections and one solder connection. #CR119, Unused, \$28.95

4000 ohm SPDT Coax Relay by Danbury-Knudsen. Has 3 female BNC connections. #CR37, Unused, \$29.95

Coaxial Transfer Relay, 4 BNC connectors which switch from AD BC to AB CD. Allows a preamp or some other device to be switched into a coaxial line or bypassed. 24VDC coil. #10CSA2/2-01, used, \$34.00

Miniature coaxial SPDT can relay for low level RF switching. Also has SPDT contacts. 26.5 vdc 675 ohms. HI-G d'italia #RFK 6396, \$12.00

Same as above, but relay is in metal box with 6 very small coax connectors (SML ??) #RE-612-2, \$14.00

Broadband Coaxial Protector by Polyphaser, has male to female type N connections. Frequency coverage is 50MHz to 700MHz. Maximum Power: VHF 375W; UHF 125W. 1.8x2.5x1.5, #IS-50NX-C1, Used Excellent, \$29.95 ea.; 5/\$100.

8PST CONTACTOR, rated 660 VAC 6 amps; coil 80 VDC. 3x4.5x1.8, 2#. Schindler #MRG-44E, NEW, \$16.95

INTELLITEC Special Latching Relay made for the RV industry to insure that the battery is disconnected when the RV is not being used. 12 VDC Latching relay w/ 100 ADC SPST contactor. Momentary application of 12 VDC causes activation. Reverse the 12 VDC and the contacts open. Use for your amateur radio equipment or solar system applications. 3.5x3.5x2.5; 1 lb #01-00055 \$19.95

12V 50 Amps Continuous Duty Single Pole Normally Open Contactor, 2.5x3.4x2.3, #622-12V, \$4.95

Attenuators

ELCON ATTENUATOR, 10DB w/ SMA conn; Ag-plated, 1.5x0.5" dia. #AT-53-10, \$12

VARIABLE 6-STEP ATTENUATOR, ladder network in 10:1 ratio. Attenuates 0.1 V down to 0.1 uv; 50 ohm impedance. BNC input & output connection; shaft 3/4"Lx 1/4" dia with gear drive. Silver-plated; p/o 0.01 to 50 MHz RF generator. 3.5x4.8x3.5, 4 lb #AT101/URM25, used, \$22.00

75 ohm Alan Industries Fixed Attenuator, 3.0DB at 30MHz and 3.3DB at 1GHz. Has a BNC male on one end and a BNC female on the other. #75SP3, \$14.00

ROTARY TURRET 50 OHM COAXIAL ATTENUATORS from Empire NF-105 field intensity meter; to operate pull knob and rotate to next index. Mechanism is spring loaded to engage next attenuator element; 5"Lx3.4" dia, 5 lbs.

0-20-40-60-80 db with BNC female chassis connectors on 7.5" cables. #ATTNF105-0-80, Used, \$27.95

40-50-60-70-80-90 db; female BNC chassis & male N conn on 7.5" cable, #ATTNF105-40-90, \$23.00

One of each attenuator, #ATTNF-105-PR, \$46.00 Miniature Tap Switch, 1 pole 7-position rated 1 amp 1x1/2". #MTS-7, \$2.50

Tap Switches


6-POSITION CERAMIC RF TAP SWITCH for 100 W xmitter; 2.3x2.3x1.8, 1 lb. #3Z9605, \$4.50; 10 for \$37.00

THREE DECK 7-POSITION TAP SWITCH w/ screw terminals; 10 amp shorting contacts. 1.8x2.3x1 + 1.3" x 0.3" dia shaft. #ES32303LM, \$4.50

PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

Misc. Switches

MICROSWITCH KIT, five SPST
VARIOUS style. #MSW-KIT, \$1.50

 C&K KEY-SWITCH for
electronic equipment;
SPST 4 amp 125 V rated.
Two keys; 5/8" dia, 1" depth.
#CK-KY-SW, Unused, \$4.95

 DPDT Two Position
On-On Key Switch
by Alco. Panel
mount with 3/4"
diameter thread. 1 lb sh. #AEL-01,
Unused, \$8.95

ROCKER SWITCHES, 1.6"Wx0.6"Hx
1.3"D; mt flange 1.9"W
#0319, SPST, 2 for \$1.00
#0320, SPDT momentary both sides,
2 for \$1.50

 4PDT one side 2PDT
other side, both
sides mom. #1155, Unused, \$2.50

Mini Switches

 Black= Bk. White= wh. NEW:
SPDT on-off-on, wh. toggle (b); Alco
#MLD106E, \$1.00

SPDT on-on, blk. rocker (c) JBT
#MR2-123, \$1.00

SPST black rocker (not mini) Carling
mfg. #123, \$1.00

SPDT mom push switch; C-NC-NO,
C&K mfg. #8125, 2/\$1.50

DP3T one side mom. (f) toggle; Alco
#CST-023TA, 2/\$1.50

DPDT on-on slide (h), #MINI-SL, 5/\$1.

SUB-MINI SLIDE SWITCH, SP 3-pos:
#SLS-131PC, 3/\$1.00

+++++
Mini-Toggles, 120 VAC 6 A:
SPDT ON-ON, Used, #MINI-1, \$1.00
SPDT On-Off-On, Used, #MINI-2, \$1.00
DPDT On-Off-On, Unused, #MINI-3, \$1.50

Rotary Switches

 DAVEN-TYPE 18-POSI-
TION, continuous turn;
2" dia. Zinc-silver con-
tacts. 1/2x1/4" diameter
shaft. #3Z9825-92.2, \$3.50

FIVE-DECK ROTARY, each 2-pole 4-
position; bakelite. 4x1.6" dia.; shaft
1/2x1/4" dia #SW-RM39, Used, \$1.50

Rotary Switch 4 pole 6 position 1.6"
diameter bakelite. 1/4" dia shaft.
#SW-46, \$2.50

MINI-ROTARY, 1-pole 3-pos. shorting.
1" dia; 1/8" dia shaft. No hardware
#LED-M13-S, unused, \$1.75

Toggle Switches


 Some single hole mount, some with
mount plates; CH = Cutler Hammer,
Unused unless otherwise noted:

AIRCRAFT-type Toggle, two hole mt:
SPDT 5A/125V, CH, Momentary on-off
#B-21, \$1.25
SPDT 5A/125V, CH Momentary on
one side, on-off-on, #B-7A, \$1.25
DPDT 20A/125V, CH, #8710K3, \$3.50
DPDT 20A/125V, CH, Radium tip
on-on momentary, #3023-10B, \$3.00
DPDT 20A/125V, CH, on-off-on,
#8700K3, \$4.00
SPDT 50A/125V, CH, on-off-on,
#8854K2, \$5.25

INDUSTRIAL-type TOGGLES:
DPDT 10A/125V, CH, on-on
momentary, #ST-52R, Used, \$1.00
DPDT 6A/125V AH&H, on-on; 1" mt
barrel, 1/2" dia. white ball cap,
#T-WB-87, \$2.50
DPDT 10A/125V, mfg CH, #ST-52N, \$2.50
3PDT 15A/125V, CH, #7614K2, \$3.00
DPDT 6A/125V, CH, Bat Handle,
#TG-B-CH, \$2.25
3PDT 15A/125V, CH, #TG-3PDT-2, \$3.50
3PDT 16A/125V, A-H&H, on-off-on,
#TG-AHH, \$4.50
DPDT 15A/125V, CH, Bat Handle,
#TG-B-DPDT, \$3.00

Push Button


#67137-506, 13-button Push-on/Push-
off; 8.8" W. \$8.50

 KLIXON 15 AMP PUSH BUT-
TON w/2.3" W mount flange;
fits 1.4"x0.8"x 1.4" D hole.
#43A8304, unused, \$1.75

MICROSWITCH ALM-20 push-On/
push-Off SPDT switch w/red 5V LED;
0.9" sq x 2"D. #ALM-20-5V, \$3.00

Code Switch BCD 0-9
bidirectional push
switch. Manufactured
by Alco/Augat Mico.
Ten Sections (as pictured),
#131-AL-2-10, \$30
One section, #131-AL-2, Unused,
\$4.75; 10 for \$35.00

ROTARY SW, 1.6" dia bakelite
3-deck 4P 2-pos, #SW-342, \$2.50

 3-Pole 4-Position, #4-
pos momentary; 1" dia
bakelite. #SW-PRC-10,
Unused, \$1.75

TECH-LAB precision, 4 pole 7-posi-
tion w/ gold-plated contacts; 2-
poles 5 amp & two 3 A. Shft
1"Lx1/4" dia; o/a 2.3x2.3 x2.5, 1 lb.
#TL-4P7PS, Used, \$6.00

ROTARY SWITCH KIT,
six types: multideck
and contacts,
#RS-KIT, \$2.50

Fuse & Fuseholders

Large Industrial Syle Fuse by Gould -
Shawmut Amp-trap Form 600, 175 amp
600 Volt AC-DC. 9.5"Lx1.5" dia.
#600-175A, Used, \$6.00

GE Type EJO-1, Model 9F60FJD100,
Size D, 12" clip spacing, 100E Amp, 4800
V, 15.9"L x 3" dia, 10 lbs sh.
#EJO-1, Unused, \$22.00

Standard 3AG 6.35x32mm 250VAC Fast
Acting Fuses. New. Part #6FF(Amps)

The following are 5 / \$2.50; 10 / \$3.95
Amps: 0.1, and 0.25

The following are 5 / \$1.29; 10 / \$1.95
Amps: 0.5, 1, 2, 3.15, 4, 5, 6.3, and 8

Same as above except Slow Blow. New.
Part #6FU(Amps).

The following are 5 / \$2.50; 10 / \$4.00
Amps: 0.25, 0.5, 1, 2, 3.15, 4, 5, 6.3, 8, 12

5x20mm 250VAC Fast Acting
Fuses. New. Part #FF(Amps).

The following are 5 / \$1.19; 10 / \$1.99.
Amps: 0.5, 1, 1.6, 2, 2.5, 3, 4, and 5

The following are 5 / \$1.55; 10 / \$2.70
Amps: 0.1, and 0.2

100 piece Fuse Set
5x20mm 250VAC Fast
Acting. Consists of 10 of
each of the following amps: 0.1, 0.2, 0.5,
1, 1.6, 2, 2.5, 3, 4, and 5. #K/FF, \$12.80


R-390A Fuses, New,

0.1 amp (good replacement for 1/8
amp), #6FF0.1N, 5 / 2.50, 10 / \$3.95
0.25 amp, #6FF0.25N, 5 / 2.50, 10 / \$3.95
3.15 amp (good replacement for 1/8
amp), #6FF3.15N, 10 for \$1.95

 LIGHT INDICATOR
FUSEHOLDERS for
3AG fuses; 1.6"D
behind panel. O/a 2.9"L; used: 115 V,
clear, #FU-HKL, \$3.00

5AG / AGU In-line Fuseholder,
#FH-5AG, Used, \$2.50

Line Filters

 CORCOM EMI 3 AMP filter
with solder connections.
115VAC 50/60Hz. 2.7x1.7
x1.2, used, #3W1A \$1.75

3 Amps 120/250 Volts Line Filter by
Corcom. Four solder terminals.
#F2133, Unused, \$2.95

5 Amps 120/250 Volts Line Filter by
Corcom. R Series with 1/4 quick
connect terminals. #5VR1, Unused, \$3.95

10 Amps 120/250 Volts Line Filter by
Corcom. W Series with 1/4 quick
connect terminals. #10VW1, Minor
rust. Unused, \$6.95

10 Amps 100 VDC Line Filter by Sprague.
Two threaded terminals. #JX51K, \$4.95

TOKIN 250 VAC 15 amps 50/50 Hz with
spade terminals; 2.6"Lx1.8" dia, 1 lb.
#VG-215F, NEW, \$3.50

2x20 AMP FILTER, 115 to 250 VAC 48-
440 Hz; 3.4x1.5x 3.2, 1 lb. #F-85066,
NEW \$3.95; 10/\$28.95; 100/\$225.

55 Amps 30VDC Line Filter by Cornell
Dubilier. 2 terminals. #FL-19,
Unused, \$6.95

Suppressor

 MX-10237 / MX-2096
Suppressor Electrical
Transient for the VRC-12
Radio Set. This circuit
protector consists of a
standard size 4 pin GRC
male connector with a
threaded center, indica-
tor light, 2 hole mount
bracket, heatsink, and plate which is
marked "Danger High Temp 215 degree
F". FSN #5915-01-024-3877. It con-
nects directly to either the transceiver
or AUX receiver mount. In some applica-
tions it replaces the MX-7778 sup-
pressor. No further data. 3 lbs sh.
#MX-2096, Unused, \$17.00

 MX-7777A SUPPRES-
SOR protects vehicle
radios VRC-12, VRC-
53/64 & GRC-106 from
damage by voltage
transients. Input 28
VDC; output < 36 VDC. Has 50 amp circ-
uit breakers for Overload & Short;
diode overheat protection & manual
(BATTLE) override. 9.9x6.2x5, 7 lbs
sh. #MX-7777A, Used, \$25.95

PLUGS (2) for MX7777; #29935-2P,
used, \$12.00 ea
PLUGS (1) for MX7777; 4 pin female,
#7777-4P, Used, \$12.00


Bandpass Filters

 TUNABLE TWIN-CAVITY
BAND-PASS FILTERS, gold-
plated cavities have tune
knobs, dials, and rear N-con-
nections. Designed for mili-
tary TRC-24 radio system for
specific frequency ranges;
usable and/or adapt for civilian pur-
poses. 7x2.5 x9.5, 8 lbs. Used, \$25.95 each.

#F-196, 184-205MHz #F-199, 224-254MHz
#F-200, 254-284MHz #F-203, 344-374MHz

#F-197, 205-225 MHz, unused, \$34.95
#F-204, 374-404MHz, unused, \$23; 2 / \$35

F-1482/GRC BANDPASS FIL-
TER, three 30-88 MHz tunable
helical cavities with dial locks
and 1.5" dia 0-60 Watt meter;
switch for 6 or 60 W Phase,
Reflected or Forward W. BNC
output connection; special RF
input connection. Rugged military
design; 8.8x2.5 x9, 10 lbs sh. #F-1482,
GOV'T-RECONDITIONED, \$58; 3/\$150

 K & L Tubular
Bandpass Filter.
Six section filter. 26 MHz BW. 200
watts. VSWR = 1.5:1. Center frequency
is 257MHz. 50 and 75 ohm impedance.
SMA male connections on each side. 1
1/4" diameter x 6.8" long. 3 lbs sh.
#6B110-257/HQ26-OP/OP, Used
Excellent, \$18.00

Bandpass Filter 2.0 -
3.15 MHz. 3X0.75, #A-251-A, Unused, \$6.

250KHz Mech. Filter

 250KHz Mechanical Filter
from Collins F250A85.
8.5KHz Bandwidth.
#526-9049-009, Unused
in the original box, \$21.95

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

Coax Connectors

TYPE UHF:

#PL-259 UHF Male, Generic, \$1.10 each 10 /\$10.00
 #SLV-PL-259, As above but silver plated, \$2ea; 10/\$15
 #83-1SP-1050, PL-259 by Amphenol, \$2.69ea; 10/\$24
 #83-1SP, As above but silver plated, \$5.38ea; 10/\$47
 #SO-239 UHF Female, \$1.10 each 10 /\$10.00
 #SH-SO239 1 hole mount female barrel mount, \$1.
 #PL-258 UHF Female to Female, \$1.75 ea 10 /\$16.
 #M-358 "T" for two PL259 & one SO239, used, \$1.50
 #83-185-RFX, UG-175 reduces PL-259 to RG-58
 coax, \$0.60 each; 10/\$5.50
 #83-168-RFX, UG-176 reduces PL-259 to RG-59
 coax, \$0.60 each; 10/\$5.50

CONNECTORS & ADAPTERS: (m) male, (f) female,
 (bulk) bulkhead, (rec) receptable, (r/a) right angle;
 (U) = Used, (Un) = Unused.

TYPE BNC: UG-88m (RG-58) Used, \$1.00 ea

BNC (m) (RG-58) Amphenol, New, #31-2-RFX, \$2.65; 5/\$11.50
 UG-260 m (RG-59) U \$1.00 UG-290 f panel U \$1.25
 -274 "T" 2-f to m, U \$4.50 -909 bulk U \$1.25
 -273 to UHF, U \$2.50 -306 R/A adapter,
 -282 to post \$1.75 used, \$2.00



BNC "T" like UG-274. Useful
 around the shop. Nickel plated.
 #274-T, Un, \$3.50

TYPE N: UG-21 male (RG-8), Used, \$3.50

Type N male (RG-8) Amphenol, New,
 #82-202-RFX, \$6.35; 5 / \$28.95
 UG-58 f chassis U \$3.00 UG-27 R/A m-f U \$2.50
 -536 m (RG-58) U \$2.50
 -593 f bulkhead for R-59-62, used \$1.75
 -1052 f bulkhead for RG-58, used, \$1.75

TYPE C: UG-643 "C" female-female, \$3.00

UG-573 Type "C" Male Unbalanced Silver Plated
 Connector/ R-390A. #UG-573, Unused cut-off, \$6.50

TYPE TNC: Greomar #6000 (m) used, \$1.75 ea

#6177 m R/A Un \$3.50 #6098 to N f bulk U \$3.50

TYPE HN: UG-59 male Used, \$6.00

UG-920 m-f R/A, \$7.00

R-390A Connectors:

Twin-Ax male, Amphenol, New,
 #82-5589-RFX, \$9.95; 3 / \$25.00
 Mini-BNC p/o R-390A, #390A-MBNC, used, \$3.00
 As above but chassis, #390A-MBNC-CH, used, \$3.00

Hard to find R-390A balanced
 input adapter. Goes from Twin-ax
 male to a UHF female. Unused, #UG-970, \$40.00



Trompeter

Trompeter Cable, 10 inch
 patch cord with two gold plated
 trompeter PL150-29 mini
 patch plugs. Used good con-
 dition, #TRMP-1, \$14.00
 As above except 2 feet long. #TRMP-2, \$16.00

Heliac Type N

Type N male connector by
 Andrew. Works with Heliac FSJ-
 50B coaxial cable. Comes with
 tubing for strain relief. Coupling torque is 22-25
 in-lb. #F4PNM-H, Unused, \$19.95; 4 for \$69.95



Cable Ties



1000 piece CABLE TIES IN PLASTIC CAN.
 0.1 x 3.9": 100 pcs blue, 100 pcs red,
 100 pcs white, 100 pcs yellow
 0.14 x 5.9": 100 pcs white, 100 pcs blue,
 100 pcs green
 0.14 x 7.9": 200 pcs white
 0.14 x 11.8": 100 pcs white
 Material: polyamide (nylon 6.6) as specified
 in MIL-S-23190 self-extinguishing. Temperature: -
 40F to +230F. #K/TF1000, New, \$15.98

As above but 300 piece kit.
 0.1 x 3.9": 25 pcs green, 25 pcs yellow,
 25 pcs black, 25 pcs red, 50 pcs transparent
 0.14x7.9": 50 pcs red, 50 pcs blue, 50 pcs
 transparent. #K/TF300, New, \$5.50

100 pieces of Nylon Black Cable Ties, 4" x 0.1" , -
 40F to 230F, #K/TFB3, New, \$1.00

As above except, 5.5" x 0.14", #K/TFB4,
 New, \$1.78

As above except, 8" x 0.14", #K/TFB5,
 New, \$2.78

As above except, 11.4" x 0.14", #K/TFB6,
 New, \$5.50



All nylon ties listed below are common locking
 type and are standard 0.12" width.
 #CT-5.5, Black 5.5" overall length, 50/\$4.; 100/\$6.50
 #CT-5, Natural 5" overall length, 50/\$4.; 100/\$6.50

As above except 0.06" width. Bundle dia. is 5/8".
 #CT-4, Black 4" overall length. 50/\$3.00; 100/\$5.00
 #CT-4.5, Natural 4.5" overall length. 50/\$3.; 100/\$5.



Tie-Down Nylon Cable Tie - Ideal for fastening
 wiring or harnesses to chassis or mechanical
 assemblies. Accepts #10 screw. Maximum bundle
 diameter of 1 1/4". Overall length of 6".
 Standard 0.19" width.

#TCT-6B, Black color, 50/\$5.50; 100/\$8.00
 #TCT-6N, Natural color, 50/\$5.50; 100/\$8.00

Electrical Tape

Set of 6 rolls of electrical tape in dif-
 ferent colors: yellow, white, green,
 black, blue, & red. Ideal for color
 code wiring your audio systems,
 computers, etc... 3/4" wide. Length
 is 16.4 feet per roll. #T5S, New, \$1.99



AC Line Cords

3-COND LINE CORDS:

18 AWG 3-blade line coil cord;
 Stretches to 10 feet. with AC
 Plug. #SJO-18, \$3.00

10 ft flat w/ R-A plug; #14 wire. #14-10FT, \$3.00

BUSINESS MACHINE CORD,
 3-blade type w/ AC plug; 6' black, 18 AWG.
 #HP-NS, \$2.50

16 AWG 3-blade line cord; no AC plug.
 #16-HP-NP, \$2.50

HEATER CORD type HSJ, 3-cond 7.5' #16 wire; grey
 molded R/A plug. #HSJ-16, \$2.50

Heat Gun & Shrink



1200 watt NTE Heat Gun,
 Electronic variable tem-
 perature control dial with
 temperatures ranging
 from 250F - 1100F / 120C
 - 590C. Two speed
 motor. Heat guard. High
 quality heat element and
 solid state construction. Also strips paint and var-
 nish. Thawing and drying. Shrinking and soften-
 ing. #HG-001VT, New, \$41.99

4 Foot NTE Heat Shrink Tubing. Shrink
 Temperature: 120C. Shrink Ratio - 2:1.
 Example - 1/16" shrinks to 1/32".
 Comes in four colors: Black - "BK"; Clear
 - "CL"; Blue - "BU"; Red - "R". New.

1/16", #47-20148-(Specify Color), \$0.87
 1/8", #47-20348-(Specify Color), \$0.91
 1/4", #47-20548-(Specify Color), \$1.30
 3/8", #47-20748-(Specify Color), \$1.56
 1/2", #47-20848-(Specify Color), \$2.02
 3/4", #47-20948-(Specify Color), \$2.70
 1", #47-21048-(Specify Color), \$3.71

1/16" black Polyolefin. 90°C shrink temp. Made
 by Sumitomo. #11438-(specify feet).
 10ft \$3.50; 25ft \$7; 50ft \$12; 100ft \$20



3/8" Dia. Alpha Irradiated PVC Heat
 Shrink Tubing, For wire harness jack-
 eting and covering handles, capaci-
 tors, and terminals. Rated 105 degree C. 2:1
 shrinkage ratio at 175 degree C. 3/8" diameter.
 #FIT-105-3/8, Unused, 10 ft for \$4; 25 ft for \$7.50

NTE Hook-up Wire

Stranded Hook-up Wire by
 NTE on the reel. Rated 300V
 minus 90 degree Celsius.
 Comes in the following col-
 ors: Red "R", Black "BK",
 White "W", Blue "BU",
 Yellow "Y". New.



Gauge	Length	Part Number	Price
18	25ft	WH18-(specify color)-25	\$4.59
20	25ft	WH20-(specify color)-25	\$4.07
22	25ft	WH22-(specify color)-25	\$3.73
24	25ft	WH24-(specify color)-25	\$3.33
26	25ft	WH26-(specify color)-25	\$3.43

18	100ft	WH18-(specify color)-100	\$9.63
20	100ft	WH20-(specify color)-100	\$7.93
22	100ft	WH22-(specify color)-100	\$7.23
24	100ft	WH24-(specify color)-100	\$5.87
26	100ft	WH26-(specify color)-100	\$5.38

TEFLON Hook-up Wire by NTE on the reel.
 Rated minus 200 degree Celsius. Comes in the fol-
 lowing colors: Red "R", Black "BK", New.

Gauge	Length	Part Number	Price
18	25ft	WT18-(specify color)-25	\$14.10
22	25ft	WT22-(specify color)-25	\$8.87

SURPLUS HOOK-UP WIRE

Vinyl-covered hook-up wire, all stranded copper;
 no color choice. May not have continuous lengths
 over 1000 ft. Allow 2 lbs sh weight per 100 feet

Part#	Gauge	Price
HUW-20	20	\$16/500 ft
HUW-22-SH, 22 SHIELDED		\$4.50/100' \$26/1K' \$85/5K'
HUW-24	24	\$16/500 ft
HUW-26	26 SOLID	\$7/500' \$10.50/1000' \$35/5000'

CHECK OUT OUR LATEST FEATURE ITEMS AT FAIRRADIO.COM

Coax Cables

COAX CABLES with connectors from military equipment. USED/UNUSED:

- #CG-409 CABLE, 8ft RG-58 with two BNC, \$4.75
- #RG-213-1, 16" RG-213 coax w/ R/A N conn. \$6.00
- #CG-3444, 42" RG-214 w/ 2 UG-573 "C" conn., \$10.50
- #A303892-10, SMA (m): TNC (f) 8" jumper; \$5.25

RG-142 Cable 3' 3" long with type SMA screw on male going to a type N female on the other. The type N female does not have any nuts. Cable is rated for 50 ohms 5000 volt. Diameter of the cable is similar to RG-58. Various manufacturers. 2 lbs sh. #RG-142-3, Used excellent condition, \$7.50

- - - TYPE N - SMA CABLES - - -

From cellular installation:

Type N male to SMA male w/ 12" coax. #N-SMA-12, \$3.50



Type N male to R/A N male w/ 29" coax. #N-RAN-29, \$3.50

Type N female to SMA male w/ 33" coax. #FN-SMA-33, \$4.50

BNC male to right angle BNC male six foot RG-58 coaxial cable. #CG-1773, Unused, \$6.00; 5 for \$20



W-128 Single conductor antenna wire as used on many radio sets from WW2 thru the 1970's. Removed from installation kits, good condition. #W-128-5, 5 feet, \$9.50; #W-128-9, 9 feet, \$14.00

Hardline Coax

Hardline 50 ohm Coax, 3/8" dia aluminum jacket, foam insulated. 9 gauge center conductor. 3/32" dia solid copper wire. 25pf per foot nominal impedance, impedance 50 ohms, 2500 vrms: #HLCX-3/8-(specify feet), \$7.5/ft; 100 ft/\$63.00 500 ft/\$255.00

MINI-FLEXIBLE HARDLINE COAX CABLE, Belden 1573A (RG-402 50 ohm) with SMA connectors.

M = male, F=female, RA=right angle

- #507-174A, M-RA to M-RA, 3.5" L, \$10.50
- #507-175A, M to F N-chassis conn, 8"L, \$14.00

0.5" dia FLEXIBLE HARDLINE (Cablewave 16733) with male N-connections (1-right angle); Various lengths as noted; 5 lbs sh. #HDL-16733-(length): 6 ft, \$21. 10 ft, \$25. 12 ft, \$27. 22 ft, \$45.

SDU-5 Wire Kit



Wire Kit provides parts to connect an SDU-5/E flasher to a vehicle (12/24V) battery or wiring. Kit includes the following: Voltage Converter, Adapter, (2)

3/8" Ring Lugs with Wire, (2) #8 Spade Lugs with Wire, (2) Battery Clips with Wire, (4) Connector Splices, (4) 3/8"-16 Nut. (2) 11.5" Cable Tie, 7.25" Cable Tie, and a Velcro Strip. 3 lbs sh. #CK-SDU, Unused, \$10.00; 3 for \$25.00

Wire Galore !!

#22 Cloth Covered Stranded Hook-up Wire. Color choices: red/green, orange, orange/green, blue/red, green, PLEASE SPECIFY. #WCC-22-(specify color)-(specify feet), \$7.50/25ft, \$23.00/100ft

Twisted two conductor 22 gauge stranded cable with tin shield. 19 strands per conductor. Has white plastic jacket. Mfg by Brand-Rex. #WT-22, \$34.95 for 500 foot spool

2 conductor w/ ground and foil shield 22 AWG CL3R Instrumentation Cable E57497 with reel. 1000 foot. 75 deg C. Blue color. 21 lbs sh. #E57497, \$34.95



Black 18 gauge 2 conductor Cable by Carol. Type SVT. 300V 60C. 250 feet. 11 lbs sh. #86002, Unused, \$26.95

Gray 24 gauge 2 conductor Cable. Ideal for intercom use and other low voltage applications. Unused, 100 feet Less reel, #WR-24-2-100, \$9.50; 1000 feet with reel, 14 lbs sh. #WR-24-2-1000, \$23.00

3 conductor 12 awg stranded wire. 65 strand 30 awg. 0.045 PVC jacket. Max 300 volt. Black color. 17 lbs shg per 100 foot. #SJTOW-A, Less than 100 feet, \$0.30 per foot 100 feet or greater, \$0.25 per foot

Twisted Twin-Axial RF cable with braid silver shield. Both conductors are 24 gauge with 19 strands per conductor. Cable rated at 77 ohm impedance. Light blue jacket. #WT-24-(specify feet), \$30.00/100ft; \$110.00/500ft

GUY WIRE, MACWHYTE Clear coated 1/4 inch stainless steel wire rope. 7x19. Unused, 100 feet, #GY-WR-100, \$85.00 500 feet, #GY-WR-100, \$350.00



Crimping Tool

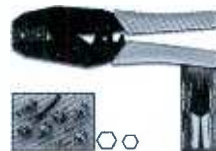
80-PC TRAY CARD WITH CRIMPING TOOL. Crimping tool comes with a variety of different spade terminals, ring terminals, etc.. #BL/FCT, New, \$8.50

HEAVY-DUTY CRIMPING TOOL FOR FAST-ON. For crimping insulated terminals red awg 22-18, blue awg 16-14, yellow awg 12-10. 8.7" long. #VTHCT, \$25.98



CRIMPING TOOL FOR F & BNC CONNECTORS. For crimping cables: BNC, TNC, UHF, SMA - For RG cable 59, 62, 140, 210, 55, 58. Size: 9.0". #VTFBNC, New, \$23.99

COAX CRIMPING TOOL RATCHET TYPE. For crimping BNC/TNC/NF. For RG cable: 59, 62, 140, 210, FIBROPTIC. Size: 8.7", #VTBNC, New, \$19.95



Cutters & Strippers

UNIVERSAL CUTTER - HEAVY-DUTY. 6.5" long. #VT09, \$4.90

HQ MINIATURE DIAGONAL CUTTER. Carbon steel, hardened. Black oxide finish. 4.3" long. #VT057, \$2.99



MICRO CUTTING NIPPERS. For precision work. 5.1" long. #VT100, \$2.99

HEAVY DUTY MINIATURE DIAGONAL CUTTER. Carbon steel, hardened. Black oxide finish. 4.9" long. #VT106, \$2.50



CABLE CUTTER. Curved blade cuts wires up to 0.4". 6.5" long. #VTCC, \$7.30

5" ELECTRICAL CUTTER & STRIPPER. Strips wires from 20-24 AWG and cuts wires with a max. $\dot{\gamma}$ of 0.05". 4.7" long. #VT109, \$4.60



Adjustable Cutter/Stripper. Strips AWG 30-10 wire. Adjusts with a screwdriver. High carbon steel. Precision ground cutting surface. #200-007, New, \$4.69

Precision Wire Stripper. Plier type nose. Cutter jaws. Soft grip handles. Spring return. New.

For AWG 22, 20, 18, 16, 14, 12 & 10, #200-010, \$7.99 For AWG 30, 28, 26, 24, 22, 20 & 18, #200-001, \$9.29

Pliers

UNIVERSAL PLIERS - HEAVY-DUTY. 7.5" long. #VT03, \$4.99

HEAVY-DUTY LONG NOSE PLIERS. 6.0" long. #VT05, \$4.99

HQ MINIATURE FLAT NOSE PLIERS. Carbon steel, hardened. Black oxide finish. 4.9" long. #VT054, \$2.99

HQ MINIATURE BENT NOSE PLIERS. Carbon steel, hardened. Black oxide finish. 4.9" long. #VT055, \$2.99

HQ MINIATURE LONG NOSE PLIERS. Carbon steel, hardened. Black oxide finish. 4.5" long. #VT056, \$2.99

TOOL SET / 5PCS DIFFERENT PLIERS. Stainless-steel precision pliers set (5 pcs) : diagonal cutter, top cutter, bent nose pliers, flat nose pliers, long nose pliers. #VTSET, New, \$9.99

HEAVY DUTY TOOL SET - 3 PCS. Universal pliers, heavy-duty cutter, long nose pliers. New, #VT33, \$10.60



CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

Vises



VACUUM TABLE VISE WITH STANDARD HEAD. Turns and rotates in all directions. 75mm jaws with protective detachable pads. Opening 70mm. With vacuum base: easy to mount on all flat surfaces, can also be mounted with screws. 5lbs.

7.3x6.2x6.2, #VTTV, New, \$25.90

TABLE VISE WITH STANDARD HEAD. Professional quality for this metal vise for table-screw mounting. Jaw opening 3.0". Rotates 270 degree. Equipped with a fast mounting system. Height: 12.0". 6 lbs sh. #VTTV2, New, \$27.80



Knives & Knife Sets



PRECISION KNIFE WITH 5-PC BLADE SET. 5.7" long. New, #VTK1, \$1.70

HEAVY-DUTY KNIFE WITH 5-PC BLADE SET. 5.1" long. New, #VTK2, \$1.70



13-PC HEAVY-DUTY KNIFE SET. Contains 3 cutters with blade and 10 spare blades. New, #VTK7, \$3.40

Utility Knife with lock. Blade snaps off for sharp tip. 4.9" long. New, #VTK3B, 2 for \$1.00; 5 for \$2.00



As above except: Plastic handle with metal protection, 6.3" long. New, #VTK5, \$1.50

Utility Knife with metal housing. High-Q lock button. Set of spare blades. 6.1" long. New, #VTK4, \$2.50
Five spare blades for above, #VTSB3, \$0.99



Diamond Files



SET OF DIAMOND FILES - 10PCS. Powder-coated. 4.7" long. New, #VTDF1, \$9.00

SET OF DIAMOND FILES - 5PCS. Powder-coated. 5.5" long. New, #VTDF2, \$4.30



IC Extractor



IC EXTRACTION TOOL. 4.1" long. #VTIC, \$1.98

Radio Tuning Tools

6-PC PLASTIC TUNING NEEDLE SET. Comes with a variety sizes. #VTPT, New, \$5.30



Hex Wrench Set

HEX KEY WRENCH SET - 8PCS. Hex: 0.06", 0.08", 0.10", 0.12", 0.14", 0.16", 0.20", 0.24". New, #VTHEX8, \$1.39



Screwdrivers

SCREWDRIVERS

HANDLE: Swivel-handed cap and color-coded caps for easy identification. User-friendly grips for improved comfort. Special handle for good torque. **BLADES:** Nickel-chrome molybdenum. Black oxidized tips for greater durability and accuracy. Plated blade to reduce glare and reflection. Horizontally ground tips for greater torque.

Philips type:
#0, 4.7" long, #VTC1, \$3.90
#0-3, 6.7" long, #VTC2, \$2.70
#1, 10.0" long, #VTC3, \$4.20



Slotted type:
0.06", 4.7" long, #VTF1, \$2.30
0.09", 6.7" long, #VTF2, \$2.50
0.14", 8.1" long, #VTF3, \$3.60



ELECTRONIC SCREWDRIVER SETS

Ideal for TV sets, communication instruments, optical instruments, cameras, computers, VCRs, telephones, etc.



Slotted: 0.08"x1.6", 0.10"x1.6", 0.12"x1.6", 0.14"x1.6".
Philips: PH#00x1.6", PH#0x1.6", PH#1x1.6".
#VTSET13, \$4.80

Slotted: 0.12"x1.6", 0.08"x1.6", 0.10"x1.6", 0.14"x1.6", 0.16"x1.6".
Philips: PH#00x1.6", PH#0x1.6", PH#1x1.6".
Torx: #T6x1.6", #T8x1.6", #T9x1.6", #T10x1.6", #T15x1.6", #T20x1.6". 4.7" long. #VTSET15, \$11.50

Chrome vanadium steel blade, satin finish. Lengths: 4 x 6 1/2" and 11 x 4 3/4".



Torx: #T6, #T7, #T8, #T9, #T10, #T15, #T20. Slotted: 0.08", 0.10", 0.12", 0.16".
Philips: PH#000, PH#00, PH#0, PH#1. #VTSET16, \$17.00



Black oxidized tips. Plastic handle with swivel-headed cap.
Slotted: 0.09"x3.0", 0.12"x3.9", 0.16"x5.9".
Philips: #00x3.0", #0x3.9", #1x5.9".
#VTSCRSET, \$4.80

Chrome-vanadium. Fully insulated. Red plastic grip. Slotted: 0.10, 0.12, 0.14 2 Philips.
#VTSCRSET5, \$2.50



Includes voltage light tester (110-500V). Slotted: 0.24"x5.9", 0.20"x4.9", 0.16"x3.9", 0.16"x3.7", 0.10"x3.0".
Philips: PH#0, PH#1, PH#2. #VTSCRSET1, \$4.80

Includes voltage tester with neon indicator (230-250V). Fully insulated (1000V). Slotted: 0.16"x3.9", 0.22"x4.9", 0.26"x5.9".
Philips: PH#0x3.0", PH#1x3.9". #VTSCRSET7, \$9.00

Tweezers

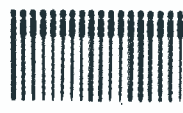


SET OF 4 TWEEZERS. Anti-magnetic stainless steel. 1 x bent nose, 1 x flat spade, 1 x self-closing and 1 x normal. 5.3" long. New, #VTTWSET, \$2.50

SET OF 4 TWEEZERS - NON-CONDUCTIVE. 5.3" long. New, #VTTWSET2, \$2.50



SECURITY SCREWDRIVER SETS



Contents - 1 x quality handle. 6 x inch socket: 5/64"x105, 3/32"x105, 7/64"x105, 1/8"x105, 9/64"x105, 5/32"x105. 6 x metric socket: 2.0x105, 2.5x105, 3.0x105, 4.0x105, 5.0x105, 6.0x105. 4 x tri-wing: #1x105, #2x105, #3x105, #4x105. 1 x cross: PH2x105. 1 x flat: 2.0x105. Comes in a plastic case. #VTBT7, \$33.95

Contents - 1 x quality handle. 7 x torx: T8x105, T10x105, T15x105, T20x105, T25x105, T27x105, T30x105. 3 x four-wing: 6x105, 8x105, 10x105. 4 x U-shape: 4x105, 6x105, 8x105, 10x105. 1 x cross: PH0x105. 1 x flat: 3.0x105. #VTBT8, \$29.95

PRECISION SCREWDRIVERS (MICROTIP)

Special handle with swivel cap. Black tip, chrome-molybdenum vanadium steel. Features - ROTATING HEAD: to facilitate support and rotation control. HANDLE: varying diameter for flexible grip position and torque high impact resistance, cadmium-free material, easy to recycle. TAPERED GROOVE: for better grip and faster rotation. BLADE: made of high-quality alloy chrome-vanadium steel, heat-treated. BLACK TIP: for high precision, protection from corrosion. COLOR CODED: for quick size selection. METAL BALL: for easier operation.

Slotted: 0.08"x2.9", 0.10"x2.9", 0.12"x2.9", 0.14"x2.9", 0.16"x2.9".
Philips: PH#0-0x2.9", PH#0x2.9", PH#1x2.9".
#VTSET11, \$25.70



Torx: #T5x1.6", #T6x1.6", #T7x1.6", #T8x1.6", #T9x2.9", #T10x2.9", #T15x2.9", #T20x2.9".
#VTSET12, \$25.70

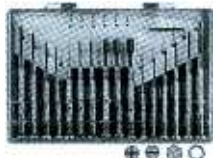
SET OF 2 PLIERS, TWEEZERS AND 8 SCREWDRIVERS (MICROTIP). 4" long nose pliers. 4" diagonal pliers. 4.9" tweezers. Slotted: 0.05"x1.6", 0.06"x1.6", 0.07"x1.6", 0.08"x1.6", 0.09"x1.6".
Philips: PH#000, PH#00, PH#0. #VTSET14, \$49.95



ELECTRONICS BIT SET (19PCS) WITH SCREWDRIVER (MICROTIP). 20-pc precision bit set. Philips: PH#0-0, PH#0. Slotted: 0.08", 0.10", 0.12", 0.16". Torx: #T6, #T7, #T8, #T9, #T10. Hex: 0.06", 0.08", 0.10". Ball: 0.06", 0.08", 0.10". Pozzi: PZ#0-0, PZ#0. #VTSET9, \$25.70

TOOL SET. Ideal for TV sets, communication instruments, optical instruments, cameras, computers, VCRs, telephones, etc.

Swivel-headed cap. Black oxidized tips for greater durability and accuracy. **PRECISION SCREWDRIVERS - Philips:** PH#1-1, PH#1-2, PH#0, PH#0-2. socket: 0.12", 0.16", 0.20". Hex: 0.06", 0.08", 0.10". Slotted: 0.04", 0.06", 0.08", 0.09", 0.12", 0.15". #VTSET5, \$3.70



10-PC SCREWDRIVER SET. The bitholder has a holder for bits on both sides. Comes with 10 bits: 2 x slotted, 2 x philips, 3 x hex and 3 x torx. #VTTS2, \$2.78



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Bit Sets



Consists of the following:
 Phillips bits: PH.0, PH.1, PH.2 (5x), PH.3; Pozzi bits: PZ.0, PZ.1, PZ.2 (5x), PZ.3; Square bits: S0, S1, S2, S3; Flat bits: 3, 4, 4.5, 5, 5.5, 6, 6.5, 7, 8mm; Antenna remover bits: 4, 6, 8, 10; Torx bits: T8, T10, T15, T20, T25, T27, T30, T40, T45; Tri-wing bits: 6, 8, 10; Torx with center bits: T8, T10, T15, T20, T25, T27, T30, T35, T40; Four-wing bits: 1, 2, 3, 4; Metric hex bits: 1.5, 2, 2.5, 3, 4, 5, 5.5, 6, 8mm; Clutch bits: 1, 2, 3; Fractional hex bits: 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4; Dodecagonal torx bits: M5, M6, M8; Metric hex with center bits: 2, 2.5, 3, 4, 5, 6mm; Fractional hex with centre bits: 5/32, 9/64, 1/8, 7/64, 3/32, 5/64; 1 wing nut driver; 4 extension bits - socket bit holder 1 pc, magnetic bit holder 1 pc, 1/4" sq. x 1/4" x 2" extension 1 pc, 1/4" sq. x 1/4" x 1" extension 1 pc. #VTBT11, New, \$11.00

SECURITY BIT SET / 33 PCS.

Contents - Torx: #T8, T10, T15, T20, T25, T27, T30, T35, T40. Hex: #5/64", 3/32", 7/64", 1/8", 9/64", 5/32". Hex: #2, 2.5, 3, 4, 5, 6. Tri-wing: #1, 2, 3, 4. Fork: #4, 6, 8, 10. Four-wing: #6, 8, 10. Magnetic bit holder: 1/4" hex. #VTBT5, New, \$7.80



BIT SET / 33 PCS. Contents - Hex: #2, 2.5, 3, 4, 5, 6. Torx: #T10, T15, T20, T25, T30, T40. Slotted: 3, 4, 5, 6, 7. Phillips: 1 x PH0, 2 x PH1, 3 x PH2, 2 x PH3. Pozzi: 2 x PZ1, 3 x PZ2, 2 x PZ3. Magnetic bit holder: 1/4" hex. #VTBT6, New, \$4.50

1/4" hex. #VTBT6, New, \$4.50



- M5, M6, M8
- ① C1, C2, C3
- ⊖ 1/8", 3/16"
- ▲ 2mm X 2mm X 2mm
- ⊖ S0, S1, S2, S3
- ⊖ 1, 2, 3, 4, 5
- ⊖ 0, 1, 2
- ⊖ Wing nut driver
- ⊖ 6, 8, 10
- ⊖ PZ0, PZ1, PZ2
- ⊖ 4, 6, 8, 10, 12

● T-5, T-5, T-6, T-7, T-8, T-10, T-15, T-20, T-25, T-27, T-30, T-40

● 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 5/64", 3/32", 7/64", 1/8", 9/64", 5/32"

1 Piece 1/4" x 60mm magnetic bits holder, 1 Piece bits holder socket, 1 Piece socket adapter, 1 Piece ratchet screwdriver. New, #800-081, \$20.99

Tool Kits



41-PC TOOLSET. Head can be set at an angle of 0°, 45° or 90°. 38 bits: 14 hex sockets, 16 torx bits, 3 slotted, 3 phillips and 2 S-bits. With plastic carrying case. #VTTS3, New, \$9.50

UNIVERSAL CELLULAR PHONE TOOL KIT.

Screwdrivers: U-shaped, curved, needle tip, 1 x phillips, 1 x slotted, 3 x torx and 2 antenna removers. With colored swivel caps. #VTSET8, New, \$9.00



NTE Solder Gun



NTE Solder Gun, 100 watts heats up to 750F in 25 seconds; 140 watts heats up to 950F in 40 seconds. Large dual heat trigger switch for low/high watt. Temperature control. Long-reach tip and sturdy heating element connectors. Pre-focused light. 6 foot, 2 wire cord. #J-100, New, \$26.23

Two pack of nickel plated copper replacement tips for J-100 solder gun, #JT-104, \$3.87

ECG Soldering Irons

Electric Corded Soldering Irons. Each of the soldering irons listed below feature a long life tip (nickel-iron plated copper) and a cool grip rubber handle. 25 Watt - Tip temperature 464F, #J-025, \$5.98

Replacement conical tip for J-025 (nickel plated copper); 2 tips/package. #JT-101, \$1.49

60 Watt - Tip temperature 860F, #J-060, \$8.83

Replacement conical tip for J-060 (nickel plated copper); 2 tips/package. #JT-102, \$2.82

Electric Corded De-Soldering Irons, 45 watt, Temperature 788F, Long life tip. #J-045-DS, \$12.78

Butane Torch Micro-Jet. Features the following: Auto ignition, Child safety lock, Instant 2500F micro flame, Powered by a refillable butane cartridge (included). #J-300, \$14.92

Two pack butane replacement cartridge for J-300. #JT-004, \$2.49

Kester Solder Supplies

Pocket Pak .031 Dia. 0.5 oz. #83-4000-0000, \$2.32

Elec. Silver Solder, Box 0.35 oz. #83-7145-0415, \$2.50

Kwik-Draw .050 Dia. 1.3 oz. #83-3000-0000, \$3.32

One pound spool of Core Size 66, Alloy 60 / 40, Dia. in. 0.031, Gauge 21. #24-6040-0027, \$14.99

One pound spool of Core Size 66, Alloy 60 / 40, Dia. in. 0.062, Gauge 16. #24-6040-0061, \$13.50

SP44 Rosin Paste Flux 2 oz. #83-0000-0144, \$4.20

50 watt Solder Station



Soldering Station 50 watt 374-896F, Manual temperature setting, Electronic temperature control, Power-on LED indication, With ground output, Heater power for soldering iron is 50 watt. Requires 115VAC 60Hz. 7 1/4" x 3

31/32" x 3 1/2", 4 lbs sh. #VTSS5U, \$22.95; Spare bit, #BITSS, \$1.30

Soldering Station with LCD & Ceramic Heater 48W 150 - 450C, Manual temperature setting. LCD display with digital temperature scale.

Temperature preset on LCD display. With on/off switch. Ceramic heating element with temperature sensor. Standard tip included. Maximum heater power for soldering iron is 48W. Temperature range: 302 - 842F. Low-voltage iron: 24VAC. 7.3" x 4" x 6.7", #VTSSC40NU, \$79.95 Spare Bit for above: #VTSSC40N/SPB, \$1.60



Soldering Tools



"Helping Hands" Soldering Aid with magnifier. Table top, weighted base. Multi-dimensional adjustment capability. Alligator style clips for holding subject work. #VTHH, \$4.80

6 Pc. Soldering Aid Set. 6 Double-ended picks and brushes. #VTSA, \$7.70



POWERFUL DESOLDERING PUMP. Teflon-nozzle. 10.8" long. #VTD1, \$3.50

EXTRA-POWERFUL DESOLDERING PUMP. Teflon-nozzle. 13.2" long. #VTD2, \$2.99

DESOLDERING PUMP WITH ANTISTATIC TIP. 7.5" long. #VTD3, \$6.40 Spare bit, #BITVTD3, \$2.90

H.Q. DESOLDERING PUMP. Aluminum body. 6.4" long. #VTD5, \$5.30; Spare bit, #BITVTD5, \$1.50



ECONOMIC SOLDERING IRON STAND. With cleaning sponge. #STANDLC, \$2.99

Radiosondes



VAISALA RADIOSONDE, ultra-light disposable transmitter (400 MHz approx) is designed to be carried aloft by weather balloon and transmit data for air temperature, barometric pressure and humidity to a ground station. Consists of circuit board, dipole antenna, and trailing wire. Requires 9 V battery. Cute experimenter item! 12.5"H as shown; 3 lbs sh. #RS80, NEW, \$12 ea; 5/\$50.00

Radiosonde mfg by VIZ, transmits on 403 MHz RDF modulated signal; includes battery and separate antenna assy, transducer polishing cloth, baroswitch pressure calibration chart, and instructions. 4.8 x 3.8 x 12.3, 4 lbs sh. #ML659, Unused, \$14.95



AMT-4 Radiosonde Modulator originally was raised by a balloon into the sky to measure atmospheric conditions. Comes w/ barometric unit only. Atmospheric pressure range 1060 to 5 mb(millibars) Resistive temperature element temperature +60 to -90 d C.

With schematic. #MD-147, Unused, \$10.95 Newer version of above. No data, but expect the ranges to be about the same. #MD-210, Unused, \$10 Original manual AMT-4A. #MM-AMT-4A, \$18.00

Motorized Lens

MINOLTA MOTORIZED LENS, focal length 3 mm with 6 mm zoom assembly; probably used in copy machine. Front coated lens diameter 60 mm; rear 15 mm. Focus and zoom mechanism each has small DC gear motor which operates at about 30 RPM @ 5 VDC or 60 RPM @ 10 VDC. 5.5x5.5, 3 lbs sh. #LENS-36-98, Unused, \$23.00; 3 / \$60.00



MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

Peltier Device



PELTIER THERMO-ELECTRIC COOLING MODULE 3A 15.4V 149F. Melcor type: CP1.0-127-06L. I max.: 3A. Delta T max.: 65°C. voltage: 15.4V. Q max.: 25.7W. Number of couples: 127. Size: 1.2" x 1.2" x 0.14". 1 lb sh. #PELTIER1, New, \$14.80

PELTIER THERMO-ELECTRIC COOLING MODULE 6A 15.4V 153F. I max.: 6.0A. Delta T max.: 67°C. Voltage: 15.4V. Q max.: 51.4W. Number of couples: 127. Size: 1.6" x 1.6" x 0.15". 1 lb sh. #PELTIER2, New, \$14.95



Dehumidifier Control



HONEYWELL DEHUMIDIFIER CONTROL as used in home dehumidifiers. Plastic element tape senses humidity and "opens" normally-closed 120 VAC contacts; has variable control. 1.8x4.5x1, 1 lb. #H46A1103, unused, \$3.50

X-10 Controller

Leviton Manual Controller.

Used to control light and appliance modules. Compatible with Radio Shack and Home Safe remote devices. Can control 256 "X10" device codes. Unit has 16 Unit Code Buttons. Also, has 6 Command Keys: On, Off, Bright, Dim, All Lights On, and All Off. The controller is equipped with a key-operated lock-out switch that can be set in the "ON" or "OFF" position. The controller will transmit command signals to modules in your control system only if this switch is keyed to the "ON" position. Key pad mounted in sturdy steel case. Requires 120VAC 60Hz. 8.3x6.7x4.5, 7 lbs sh. #X10-6242, Unused, \$12.00 ea, 2 / \$21.00, 4 / \$37.00



Weaver D6 Scope



Quality 6 power scope fits common rifle mounts.

Unfortunately scope is without cross-hair. Still a nice low-cost spotting scope! 12.3" long, 2lbs. #SCOPE-D6-U, Used,\$7; #SCOPE-D6-UN, Unused,\$14

Grab Box

ASSORTMENT of used and unused commercial and government electronics parts such as assemblies, motors, coils, transformers, chokes, circuit boards, capacitors, resistors, and other usable items. Packed in 50 lbs cartons: #GRAB-ASST, \$14.00 ea; 2 / \$24.00



Matched Meters & Rheostats

"Loaded" with prime "clean" parts for DC power projects! Panel includes:

- * 0-30 VDC METER.
- * 0-30 DC AMMETER.
- * 4 ea 50 MV SHUNTS.
- * 4 RHEOSTATS: 2 ea 225 W 3 ohms, 2 ea 150 W 2 ohms. * 12 Circuit Breakers: 4 ea 32 VDC 8 amps 8 ea 32 VDC 20 amp. * 12 ea 1N1184 DIODES.
- * 4 ea 2.4" dia KNOBS and other parts. Panel is sold "less its On-Off and 4 STA selector switch. 18.8x23x6, 30 lb. #DAV-LCP, 2 for \$75.00 Manual Repro for above, #MM-DAV, \$12.00



Ring Magnet



3.5" dia x 5/16" thick MAGNET with 1.9" dia open Inner circle lifts about 8 lbs. 5" dia metal casing has mount flange to protect and isolate magnet; two wires attach to spring-loaded contacts. Use as magnetic antenna mount or in robotic, audio or science projects; 2 lb #MAG-S91, \$3.50; 7/\$12.00

Electronic Ignitor

Fenwal Automatic Electronic Ignitor. Input 12 VDC. This looks like an ignitor for an oil furnace as it puts out a HV spark. Maybe neat for experiments. BE CAREFUL. 5.25 x 4.75 x 3 overall. 3 lbs sh. #05-159901-003, Unused, \$16.95



Finger Stock



18" long x 1/2" ht strips of finger stock. Each individual finger has a width of 1/15" and a ht of 5/16". #FS-18, Unused, \$7.95 ea; 3 / \$20.00

Experimenter's Paradise

Motorola Control Receiver????

Great experimenter item. We have seen them in the past in some cities at intersections and believe their purpose was to intercept traffic signals when emergency vehicles needed to pass. Transistorized receiver covers 139.65 MHz with a five section preselector, crystal controlled oscillator and Vibrasponder tone detector which allows a SPST relay to be actuated by a tone in 600 to 800 Hz range. SPECIFY if tone-match required. Receiver is housed in a plastic protective case. Power required 24 VAC. Has internal transformer and power supply. 7.2" dia. x 6" Ht, 5 lbs sh. #15D82032, \$8.95 each 4 for \$29.95 #SCH-15D82032, Schematic Info, \$8.50



Control Receiver



Scientific Atlanta Power Control Receiver Model DCU-1051B-01-00-S Series DCU-G-1530.

Originally used by power companies to allow radio control of power usage. The units have receivers in the 150 mhz range as well as a 6 VDC contactor rated for 240 VAC 30A resistive. They are programmable and will work on the General Electric code format and/or the SA-105. Power transformer 240 VAC secondary approx 6 Vac. The weather resistant plastic case with gasket and snap closure is excellent for outdoor projects. Has molded on wall mounting brackets. Internal dimensions 9.5x7.4x3, 5 lbs sh. #DCU-1051B, Unused \$17.00 each; 3/\$38.00

Military Flashlight

MX-991/U FLASHLIGHT official rugged right angle military type made in USA.

Operate from two "D" cell batteries (not included). Clear diffuser, red signal, and blue spare lenses store in handle; metal belt clip. O.D. green plastic; current issue, 8.3"Lx2" dia. #MX-991, New, \$10.50



Choke Cable



Six foot choke cable with knob with 2 inch pull. 2 lbs shipping. #CHEX-CBL, \$6.00

Neoprene Gloves



Stanzoil Knit-Lined Neoprene Gloves. Multi-purpose chemical, abrasion and temperature resistant liquid-proof hand protection with durability and flexibility. Soft interlock knit lining insulates from heat and cold, absorbs perspiration, and provides easy on/off. Neoprene coating resists a broad range of chemicals. Non-slip "roughed" grip. Mfg by MAPA Professional. New, \$5.25 pair; 4 pair for \$14.00

Please specify model number when ordering. Sizes available:

Small: #S-432; Medium: #M-420
Large: #L-408; Extra Large: #XL-348

Teletypewriter

AN/UGC-129 Tactical Teletypewriter, full duplex teletypewriter has 16K RAM and QWERTY keyboard with Edit, Mode Select, and Memory. Printer speed 120 CPS: 69-80 character line, single or double line feed. 64-character ASCII subset; ITA5 or Baudot codes. 8 baud rates 45.5 to 2400. Uses paper rolls 216 mm W x 127 mm dia friction feed, single or multi-copy. Requires 115/230 VAC 47-400 Hz; connectors not available. 9.5x15 x18.5, 52 lbs. #UGC-129, Used repairable, \$59.50



Manual repro t/ later model (useful), #MM-UGC-129, \$40 w/ set

Hydrophone



U S Navy NT-51038 Hydrophone, unused in wood box. Frequency range 1 - 20000 hz with eight Rochelle Salt Crystal doublets, each about 3 x 2 x 1 inch. Matching transformer for 25 ohm output. Rubber casing with castor oil immersed crystals approx 56 inches by 2.5 inches in diameter. The castor oil was used to couple the crystals to the water. Castor oil has deteriorated. Nine foot cable with two steel strain wires and two signal wires. A great experimenter item with a potential for listening to fish ???, boats, ships etc. Unused old stock in wood box. 29 lbs sh. #NT-51038, \$25.00

Aircraft Gyros



LEAR 3-RATE SENSOR with three #2157HB rate gyros; 3.4x6.4x6, 9 lbs sh. Lear mfg. #2162C, \$200.00

Metal Detectors



Metal Detector with Audio Discriminator. Hunt for coins, relics, jewelry, gold and silver just about anywhere. 3-tone audio discriminator. Headphones output. VU-meter. Waterproof search head (8" y). Adjustable stem. Requires three 9V-battery (not included). Drop shipped from Texas. #CS150, List Price, \$137.00; Our Price, \$102.95

Metal Detector with LCD Display. 7.9" waterproof search head. Large LCD display. Target ID. Depth readout. Sensitivity control. Variable discrimination. Variable notch. 3-tone audio discrimination. Low-battery indicator. 1/8" headphone jack. Requires two 9V-battery (not included). Drop shipped from Texas. #CS200, List Price, \$257.90; Our Price, \$178.69



EMAIL US YOUR INQUIRIES AT FAIRRADIO@FAIRRADIO.COM

Ritchie Compass



Ritchie Compass RU-90 has 5 degree increments. High-visibility blue 3" dial with extra large numerals. Flush mount sailboat racing style. Has 4500 lubber lines and internal gimbals. Black in color. 4 lbs sh. #RU-90, Unused, \$150.00

Aircraft Sextant

Sextant w/ periscope used in larger military aircraft to determine nightflight position relative to the stars. Has eyepiece with cup to view through right angle periscope with bubble level. Controls increase bubble size and adjust lens diffuser plus filters red, green & polarized. Also mechanical timer, 3-digit 100-turn counter dial, & transit case. Requires 28 V AC-DC for lights; 8"Wx13"Hx5.3"D, 23 lb #MS28011-1F, used w/ fiberglass case, \$69.50 #MS28011-NB, used, no case, no bubble, \$35.95



Gun Sight

Military Optical Gun Sight. No information on this sight. No part numbers. It has a 4 inch lens that looks like it fits into a fixture. Eyepiece with focus ring, but because this is not a complete system we are unable to focus on anything. See fairradio.com/optic.htm for more photos. 10.5x10.9x7, 25 lbs sh. #GUN-S, Used good condition. \$125.00



60 Second Timer

RHODES 60 SEC TIMER, times from 2 to 60 seconds; bell signals time elapsed. 3" dia plastic case; 1 lb. sh. #56414, Unused, \$3.00 each.



TV / FM Attenuator

75 ohm TV/FM Attenuator by Blonder Tongue Labs stock #4890. 0-890MHz with two F connectors and adjustment for attenuation. #4890, Used, \$10.00



Clock Mechanism

Quartz Clock Mechanism, for your self-made clock or as a replacement for a damaged clock. With suspension clip. Requires one AA-battery (not incl.). 2.2" x 2.2" x 0.6", #WCM1, \$1.50



Quartz Clock Mechanism with Alarm Function, Integrated buzzer with on/off switch. Comes with a set of clock hands. Requires one AA-battery (not incl.). 2.2" x 2.0", #WCM2, \$5.78



Cable Modems

Cable modems removed from service, no info. Made by Hybrid Networks. May be pulls or defective pulls, we do not know. Each has what looks like tuner module and crystal oscillator. Includes wall power supply. #CCM201, \$7.50; #N-202X, \$8



ZOOM 56K EXTERNAL PHONE MODEM w/ wall power supply #2386, \$4.00



Test Equipment Blow Out!!

All test equipment listed below is used reparable

- AIL 777 UNIVERSAL RADIOMETER \$150.00
 ALLISON LABS HP LO FILTER \$175.00
 AUSTRON 6014 FREQUENCY MULTIPLIER \$175.00
 BALLENTINE 323 TRUE RMS AC VOLTMETER \$65.00
 BELL&HOWELL TSC-2000 SYSTEM CALIBRATOR \$395
 BERTAN 205A-10 10 KV POWER SUPPLY \$240.00
 BERTAN 210-05R 5 KV POWER SUPPLY \$240.00
 BIRD 5755 5KW 50 Ohm load for hardline \$250.00
 BOONTON 74D CAPACITANCE BRIDGE \$150.00
 BOONTON 75A-58 CAPACITANCE BRIDGE \$150.00
 BOONTON 76A 1 mhz AUTOMATIC CAPACITANCE BRIDGE \$395.00
 BOONTON 92AD RF MILLIVOLT less probe \$45.00
 BOONTON 93A-D TRUE RMS VOLTMETER \$45.00
 BOONTON 230 SIGNAL GENERATOR POWER AMPLIFIER \$175.00
 COLLINS 618M-1 Transceiver \$125.00
 CURRY MCLAUGHLIN & LEN SMS-1 \$175.00
 CUSHMAN CE-21 FREQ SELECTIVE LEVER MTR \$175
 CYBERMASTER DOWNSTREAM 2000 CMD200 \$65
 DATA 1/0 SYSTEM 19 EPROM PROGRAMMER \$250
 DOVETRON MPC1000 RTTY \$95.00
 EATON NM-67 EMI FIELD INTENSITY MTR 1-18Ghz \$1400
 EDC 501 PROGRAMMABLE VOLTAGE STANDARD \$75
 ELECTRO METRICS SPD-125 SPECTRUM DISPLAY w/PP125 and Dumont 74-14 TIME BASE \$150.00
 FLUKE 332A DC VOLTAGE STANDARD \$450.00
 FLUKE 332D/AB VOLTAGE STANDARD \$495.00
 FLUKE 405AB HIGH VOLTAGE POWER SUPPLY \$295.
 FLUKE 893A AC DC DIFFERENTIAL VM \$50.00
 FLUKE 2201 SCANNER \$50.00
 FLUKE 5200A PROGRAMMABLE AC CALIBRATOR \$300
 FLUKE 7600A SCANNER \$50.00
 GERTSCH Synchro Standard SS-2A \$150.00
 GR 602G DECADE RESISTANCE 111.0 OHMS \$60.00
 GR 1211C Unit Oscillator 0.5 - 50 Mhz \$50.00
 GR 1215C 50 - 500 Mhz Oscillator \$65.00
 GR 1218B 900 - 2000 Ghz Oscillator \$75.00
 GR 1232 TUNED AMPLIFIER NULL DETECTOR \$65.00
 GR 1264B Modulating Power Supply 200-300VDC 50mA 6.5VDC 1A \$150.00
 GR 1310 A 2-2mhz OSCILLATOR \$50.00
 GR 1346 AUDIO FREQ MICROVOLTER \$65.00
 GR 1362 220 - 920 Mhz Oscillator \$65.00
 GR 1396B TONE BURST GENERATOR \$125.00
 GR 1651A BOLOMETER BRIDGE \$75.00
 GUILDLINE 9120 POTENTIOMETER, \$400.00
 GUILDLINE 9160G POTENTIOMETER, \$299.00
 GUILDLINE 9577 PRECISION DIGITAL VOLTMETER, \$500
 GUILDLINE 9719 VOLT RATIO BOX \$150.00
 HARRIS 9100 Facility Control \$69.50
 HP-201C OSCILLATOR, \$85.00
 HP-214A PULSE GENERATOR \$150.00
 HP-400E, ANALOG AC VOLTMETER, \$69.50
 HP-400GL ANALOG AC VOLTMETER, \$95.00
 HP-431C POWER METER \$75.00
 HP-940A FREQUENCY DOUBLER \$150.00
 HP-1206B OSCILLOSCOPE \$150.00
 HP-2590B MICROWAVE CONVERTER \$125.00
 HP-3310A FUCTION GEN \$125.00
 HP-3336B SYNTH-LEVEL GENERATOR \$395.00
 HP-3437A SYSTEM VOLTMETER \$100.00
 HP3476B Digital Multimeter \$250.00
 HP-3495A SCANNER \$95.00
 HP-3575A GAIN PHASE METER \$375.00
 HP-3710A IF 1BB TRANSMITTER \$125.00
 HP-4204A 10HZ-10MHZ Digital OSCILLATOR \$250.00
 HP-4437A ATTENUATOR \$99.00
 HP-4815A VECTOR IMPEDANCE MTR NO PROBE \$295
 HP-5036 Microprocessor Lab in case \$175.00
 HP-5180A WAVEFORM RECORDER \$450.00
 HP-5315B 100 Mhz Universal Counter \$175.00
 HP-8012 PULSE GENERATOR \$125.00
 HP-8056A FILTER SET \$295.00
 HP-8402B CALIBRATOR \$75.00
 HP-8614A SIGNAL GEN .8-2.4GHZ \$250.00
 HP-8616A SIGNAL GEN 1.8-4.5GHZ \$275.00
 HP-8690B Sweep Oscillator less plug in \$95.00
 HP-8708A Synchronizer \$125.00
 HP-8900B PEAK POWER CALIBRATOR \$95.00
 HP-37461 MONITOR DISPLAY \$150.00
 HP-54600A OSCILLOSCOPE \$450.00
 HOLT HCS-1AF PRIMARY ALTERNATING CURRENT SHUNT 20MA, 200MA, 500MA, 2A, 5A, 20A, \$300.
 HONEYWELL 1630 KELVIN DOUBLE RATIO BRIDGES \$250
 HUGHES STX-151 Microwave Transmitter \$295.00
 KEPCO 1500 VDC 10 Ma Power Supply \$85.00
 KROHN-HITE 330NR 2-20KC BANDPASS FILTER \$95
 KRON HITE 4141R Oscillator \$200.00
 L&N 2665 AYRTON SHUNT \$95.00
 L&N 4232 GUARDED WHEATSTONE BRIDGE \$100
 L&N 4385 SHUNT BOX \$75.00
 L&N 4737 GUARDED WHEATSTONE BRIDGE \$225
 L&N 7553-5 K-3 UNIVERSAL POTENTIOMETER \$195
 L&N 7592 VOLT BOX \$95.00
 L&N 8691-2 MILLIVOLT POTENTIOMETER \$150.00
 L&N 8692 TEMPERATURE POTENTIOMETER \$150.
 L&N 8693-2 TEMPERATURE POTENTIOMETER \$150
 L&N 1087722 .10000 OHM VOLTAGE DIVIDER \$125
 MARCONI TWELVE CHANNEL FM7816 \$125.00
 MB 2250MA POWER AMP \$125.00
 MIL C10196/USM-430 DISPLAY \$475.00
 MIL UPM-137 IFF TEST SET \$699.00
 MIL USM-144/CM212 \$125.00
 MONROE ELECTRONICS ISOPROBE ELECTRO STATIC VOLTMETER 144S-4 \$350.00
 NH RESEARCH 57220 2 Phase Power Source \$125.
 NH RESEARCH SF2276 2 PHASE SINE WAVE WHEEL SUPPLY \$200.00
 NORTH ATLANTIC 214C Phase Angle \$395.00
 NORTH ATLANTIC 225 Phase Angle \$275.00
 PHILCO 128A 128A-ATT-2 Attenuator ratio transformer \$125.00
 POLARAD VECTOR ANALYZER ZPV \$750.00
 PRECISION CALIBRATION KIT WR137 5.85-8.20GHZ C340A1 C344A C301 6625-00-318-5425 \$400.00
 ROCKLAND 852 DUAL HI/LO FILTER \$395.00
 SIGMA 4500 Relay Test Set \$45.00
 SINGER GERTSCH RT-9 Radio Transformer \$250.00
 SINGER STODDART NM-17/27 EMI FIELD INTENSITY METER \$995.00
 SUNAIR GSB-900RU RECEIVER NO CONTROL \$495
 SYSTEMS RESEARCH LABS SRL 259F High Pass Low Pass filter \$175.00
 TEK 434 STORAGE OSCILLOSCOPE \$225.00
 TEK 520 Vector NTSC Scope \$195.00
 TEK 575 TRANSISTOR CURVE TRACER \$295.00
 TEK 606A MONITOR DISPLAY \$145.00
 TEK TSG3 PLUG-IN'S FOR TEK 1410 \$150.00
 TEXSCAN RS-50 SWEEP GEN 0-500 MHZ \$175.00
 TEXSCAN VS-50 SWEEP GEN 0-500 MHZ \$175.00
 TRACOR 599 Tracking Receiver 599-303 AGC Phase 599-204 Receiver 599-502 Power Supply \$495.00
 TS-419 SIGNAL GENERATOR 850-2100 MHZ \$165.
 TS-488 X BAND ECHO BOX \$250.00
 TS-1775 RELAY TEST SET \$45.00
 TS-2669 Envelope Delay Distortion Measuring Set \$175
 WATKINS JOHNSON FDM DEMODULATOR \$395.00
 WAVETEK 143 20 MHZ FUNCTION GEN. \$99.00
 WAVETEK 157 PROGRAMMABLE WAVEFORM SYNTHESIZER \$225.00
 WAVETEK 159 FUNCTION GENERATOR \$375.00
 WAVETEK 180 SWEEP FUNCTION GEN \$150.00
 WAVTEK 182 Function Gen Sine Square Triangel \$75
 WAVETEK 187 4MHZ PULSE GENERATOR \$99.00
 WAVETEK 278 Function Generator \$325.00
 WAVETEK 750 Phase Meter 10HZ- 2MHZ \$395.00
 WEST INSTRUMENTS 98 MINNEAPOLIS HONEYWELL PORTABLE POTENTIOMETER RUBICON PYROTEST, \$125.00

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

500 MHz H-P Counter



HP-5345A ELECTRONIC COUNTER, solid-state 9-digit plug-in type measures DC to 500 MHz channels A & B

without any plug-in. Function Select: Plug-In, Freq A, Period A, Time Int A to B, Ratio B/A, Start Stop. Channel controls 50 or 1 M ohm input, x1/x10 Atten, AC-DC, and Level. Requires 100/120/220/240 VAC 48-66 Hz; 5.3x 16.8x19.5, 42 lb sh. #HP-5345A, Used-reparable, \$295.00

HP-5328A ELECTRONIC COUNTER, solid-state modular design; counts upto 512 MHz on 9-digit LED display. 10 MHz reference oscillator, input for external freq-standard. Universal 100 MHz Module controls Channels A & B functions LEVEL, AC-DC select, ATTEN 1-10-100, and Marker output. Sensitivity 25 MV to 40 MHz; 50 MV 40-100 MHz. Channel C module provides 5-512 MHz range, 15 MV rms sensitivity. Trigger fixed; 50 ohm impedance. With Option 011 HP-1B computer interface & manual repro. Requires 100/120/220/240 V 48-66 Hz; 3.5x 18.5x19, 28 lbs.

#HP-5328A-UR, Used-Reparable, \$235.00
#HP-5328A-CH, Checked, except for HP-1 computer interface, \$525.00



18 GHz Counter



HEWLETT-PACKARD 5340A FREQUENCY COUNTER, covers 10 Hz to 18 GHz with automatic

amplitude discrimination feature allowing counter to select largest signal in 250 MHz-18 GHz spectrum. Has 8-digit display. Sensitivity -30 dBm, 10 Hz-500 MHz; -35 dBm 500 MHz-10 GHz; -25 dBm 10-18 GHz. Input impedance 50 ohms; 10 MHz crystal time base. Has Self-Check and N and BNC input connections. Requires 115/230 VAC 48-66 Hz; 3.5x 16.8x18.8, 31 lbs sh. #HP-5340A, Used-Checked, \$1195.00

HP-5245L Counter

HP-5245L COUNTER, 7-digit predecessor of 5345A; measures upto 50 MHz without plug-ins. 100 mv sensitivity; gate 1 usec to 10 sec in decade steps.

Units at least "test" count. 5.3x16.8 x18.3, 34 lbs sh. #HP-5245L, Used-Reparable without plug-in, \$79.50



Manual repro, #MM-HP-5245L, \$23 w/set purchase.
#HP-5253B Plug-in, 50-500MHz, \$60.00
#HP-5257A Transfer Osc. plug-in, 0.05-18 GHz, \$175

3-in-1 Lab Unit



3-in-1 Lab Unit, Multimeter, Power supply, and Soldering Iron.

DIGITAL MULTIMETER - 3 1/2 backlit LCD, Automatic polarity indication, DC voltage: 200mV to 600V in 5 steps, AC voltage: 200V and 600V, DC current: 200µA to 10A in 5 steps, Resistance: 200 ohm to 2Mohm, Diode, Transistor and Continuity Test, Data-hold function and buzzer. REGULATED POWER SUPPLY - Selectable output voltages: 3 - 4.5 - 6 - 7.5 - 9 - 12Vdc, Output current: 1.5A (2A peak), LED overload indication, Output on/off switch, Very low ripple, LED power indication. SOLDERING STATION - Low-voltage iron: 24V, Ceramic 48W heating element with temperature sensor, Temperature range: OFF - 150 - 450C, Lead-free soldering possible, Supplied w/ sponge and spare bit. Great space saver! Drop shipped from Texas. #LAB1U, List Price, \$183.60; Our Price, \$132.94

Value Priced Multimeter



MINI 3 1/2 DIGIT DMM - 19 RANGES. Automatic polarity indication. Diode and transistor (hFE) test. DC voltage: 200m/2000m/20/200/500V. AC voltage: 200/500V. DC current: 200µ/2000µ/20m/200m/10A.

Resistance: 200/2000/20k/200k/2000k. Basic accuracy: ±0.8% (±1.0% for 2000k range). Low-battery indication. With manual, test leads, and GP23GA 12V battery. #DVM810, New, \$5.99

20 Range Multimeter

3 1/2 DIGIT DMM - 20 RANGES - 10A - TRANSISTOR TEST. Automatic polarity function low-battery indication.

Transistor and diode test. DC voltage: 200m/2/20/200/1000V. AC voltage: 200/750V. DC current: 200µ/2m/20m/200m/10A. Resistance: 200/2000/20k/200k/2000k. Basic accuracy: ± 0.8%. Overload protection: 250V. Low-battery indication. 2.8" x 5.0" x 1.0" 3 lbs sh. Includes manual, test leads, and a 9V battery. #DVM830, New, \$10.99



23 Range Multimeter



3 1/2 DMM - 23 Ranges / 20A. Has transistor, diode and audible continuity test. DC voltage: 200m/2/20/200 /1000V. AC voltage: 2/20/200/750V. DC current: 200µ/2m/20m/200m/20A. AC current: 2m/20m/200m/20A. Low-battery indication. 3.3"x6.5"x1.3" 3 lbs sh. With manual, test leads, holster, and 9V battery. #DVM92, New, \$31.99

Clamp Meter

ECONOMIC DIGITAL CLAMP METER, 3 1/2 LCD display with automatic polarity indication. Data-hold function. AC current measurements: max. 1000A. Insulation test: max. 2000Mohm. Voltage measurements: AC (max. 750V) and DC (max. 1000V). Resistance measurements: max. 20Kohm. DC voltage: 1000V. Basic accuracy: ± 0.8%. Input impedance: > 9Mohm. Maximum input: 1000V. AC voltage: 750V. Basic accuracy: ±1.0%. Input impedance: > 9Mohm. Maximum input: 750V. AC current: 200/1000A. Basic accuracy: ±2.0%. Overload protection: 1200A for 60 seconds. Resistance: 200/20k (insulation test : 20M/2000M). Basic accuracy: ±1.0% (±2.0% for insulation test). Overload protection: 500V. Overrange: yes "1". Continuity buzzer: yes. Low-battery indication: yes "BAT". Requires 9V battery. Accessories: manual / test leads / battery / carrying bag. 9.1" x 1.5" x 3.5". 2 lbs sh. #DCM266L, New, \$23.95



Digital Clamp Multimeter



DIGITAL CLAMP MULTIMETER WITH DATA-HOLD AND BACKLIGHT. 3 Ω LCD display with automatic polarity indication. Data-hold and backlight function. DC voltage: 600V. AC voltage: 600V. AC current: 2/20/200A (via transformer jaws). Resistance: 2k. Continuity buzzer. 7.6" x 2.8" x 1.4". 3 lbs sh. Includes manual, test leads, 1 x 12V GP23A battery, carrying bag. #DCM265, New, \$59.95

Economy Multimeter



3 1/2 DMM - 10A / HOLD FUNCTION / BACKLIGHT, DMM with automatic polarity function and 3 Ω digit LCD display. Diode, transistor and continuity test with buzzer. Data-hold function and backlight. DC voltage: 200m/2/20/200/1000V. AC voltage: 200/600V. Maximum AC/DC voltage is 600V. DC current: 200µ/2m/20m/200m/10A. Overload protection: 10A. Resistance: 200/2k/20k/200k/2M. Requires 9V 6LR61 battery (incl.). Comes with protective holster. 2.7" x 5.4" x 1.2". #DVM850BL, New, \$15.99

Temp / Capacitance / Freq

3 1/2 DMM - 30 RANGES / 20A / TEMPERATURE / CAPACITANCE / FREQUENCY. Low-battery indication, Overload protection and automatic deactivation. Transistor, diode and audible continuity test. DC voltage: 200m/2/20/200/1000V. AC voltage: 2/20/200/700V. DC current: 2m/20m/200m/20A. AC current: 20m/200m/20A. Resistance: 200/2k/20k/200k/2M/20M/200M. Capacitance: 2000p/20n/200n/2µ/20µF. Frequency: 20kHz. Temperature: -50C to 1000C. 3.5" x 6.7" x 1.5". 3 lbs sh. With manual, test leads, holster, 9V battery, temp. probe. #DVM890, New, \$45.00



Analog Multimeter



DC voltage 2.5/10/50/250/500V, maximum input 500V, AC voltage 10/50/500V, maximum input 500V, DC current 500µ/10m/250mA, resistance: x1 and x10 with ohm adjusting knob. Basic accuracy ± 5%. Has battery-check function, and fuse & diode protection.

Requires one AA-battery (included). Comes with manual, test leads and protective holster. 4.7" x 2.4" x 1.2", 2 lbs sh. #AVM460, \$13.40

ME-297 Multimeter

ME-297/USM-223 FET MULTIMETER measures AC-DC volts to 5000 V in sequential ranges 2.5-10-50 to 5 KV, AC-DC 1000 ohm/V or DC 20K ohm/V. Also DC current to 10 amps in full scale ranges 0.25-2.5-10-50-100-500 MA DC and 2.5-10 amps. Resistance scales X1K-10K-100K-1M-10M ohms. Includes rugged plastic case, 4.5" dia FS=50 ua meter, red-black test leads and front cover. Requires 6-PXB1 1.3 V & 1-"C" batteries (not supplied). 6x7.4x8.8, 7 lb. #ME-297-UR, Used-Reparable, \$40.00; #ME-297-CH, Checked, \$65.95



Units converted so they require six double A and one C battery, #ME-297-CON, Checked, \$110.00
Manual partial repro, #MM-ME-297, \$10.00

Voltage Tester



Voltage Tester by Ideal. Tester checks for 110 to 550VAC; 110 to 600VDC; 25 to 60Hz frequency; Identifies AC or DC; Checks circuit continuity; Determines DC polarity; Finds blown fuses, grounding and leakage. Comes with the test leads featuring safety shield prod tips. 1.5x2.4x6.4, 3 lbs sh. #61-067, Unused, \$23.00

FOR ORDERING INFORMATION SEE PAGES 19

URM-120 Wattmeter



URM-120 Wattmeter measures incident & reflected RF from 10 to 500 watts over 25 to 1000 MHz. Uses two plug-in coupler elements CU-754 (25-250 MHz, 10-50-100-500 W) and CU-755 (200-1000 MHz, 10-50-100-500 W) that fit TS-1285* meter. Max-insertion VSWR 1.08 (1.05

for CU-754/755, 500 W range). Power selectable on each coupler. TS-1285* has 3.5" dia meter, 0-10-50 W scale and N conn. W/transit case & manual. 5x4.8x7.3, 20 lbs

#URM-120, (TS-1285 etc), used-reparable, \$210.00

Dummy Load

DA-189/GRC Dummy Load, portable 50 ohm unit operates over 600 to 1850 MHz range @ 40 watts max. Output indicated on 3.5" dia meter; "C" input connection. 4x4x10, 9 lb.

#DA-189, Used, \$47.00



HP-3586B Voltmeter



HP-3586B FREQUENCY SELECTIVE VOLTMETER, measures tone level, idle channel noise, weighted noise at voice & compare to carrier frequency over 50 Hz to 32.5 MHz @ 75 ohm input; voice level over 50 Hz to 100 Khz @ 600 ohms. Amplitude +20 to -130 dBm; resolution to 0.01 dBm. Option 003 measures phase jitter, noise-with-tone, signal-to-noise with tone ratio and single level impulse noise. Push-button control & entry; HP-1B programmable. NA Bell standard. Requires 100/120/220 /240 VAC 48-66 Hz; 7x16.8 x18.4, 62 lbs sh. #HP-3586B, Used-Reparable, \$650.00

Freq Selective Voltmeter

SIERRA 128A FREQUENCY SELECTIVE VOLTMETER for analyzing carrier signals over 10 KHz to 15.1 MHz LSB-AM-USB; utilizes all-transistor frequency lock, Could probably be used as receiver. Separate circuits for MHz and KHz tuning each with controls COARSE, FINE, CURSOR, and input TRACKING SIGNAL BNC jack. Voltmeter has ranges 30 uV to 30 V in 13 steps; DB ranges -90 to +30 DB. Select 75-135-600 ohm termination or 1 MHz calibrator; also Selectivity WIDENARROW, Main Tune LOCK-CONT, Audio GAIN, and phone jack. Requires 115 V 60 Hz or 28 VDC 220 ma. May have brown or beige front panel; 12x20x15.5, 52 lbs sh. #SIE-128A, Used-reparable w/ book, \$115.00



Vector Voltmeter



HEWLETT-PACKARD 8405A VECTOR VOLTMETER, measures both magnitude and phase over 1 to 1000 MHz in 21 overlapping bands. Also capable of determining insertion loss,

group delay of bandpass filters, complex impedance of mixers and antennas, RF distortion and in-circuit probing. Ranges: 100 uv to 1 V-rms full scale in 10 db steps. Phase: 360 degrees on 0-center meter with end scale ranges +/- 180, 60, 18 and 6 deg. Band-width: 1 KHz. Requires 115/230 VAC50-400 Hz; 7x16.8x18.4, 36 lbs, #HP-8405A-UR, Used Reparable w/ manual repro,\$350

ME-82/U Wattmeter



Wattmeter for 50-600 MHz range 120 watts at 52 ohm input. Has non-linear scales 0-120 W 2.5" dia meter & C connection. 5.8x6.8 x13.5, 17 lb. #ME-82, Used, \$99.50

URM-127 Audio Oscillator

AN/URM-127 SOLID-STATE AUDIO OSCILLATOR, 20 Hz to 200 KHz in four bands. Metered output 0-10 Vrms into 500 or 1000 ohms in 7 decade ranges. Design accuracy +/-2%; stability +/-0.5%. Requires 115 VAC 50-70/380-420 Hz. 7.5x13x4.5, 15 lbs sh. #URM-127-UR, Used Reparable, \$65.00 #URM-127-CH, Checked, \$115.00



AN/URM-127A newer version, but no frequency meter. #URM-127A-UR, Used reparable, \$75.00 #URM-127A-CH, Checked, \$140.00

Manual repro for URM-127, #MM-URM-127, \$18.00 Manual repro for URM-127A, #MM-URM-127A, \$18.00

1K ohm Dummy Load for URM-127 & TS-382 oscillators. Has two banana jacks, two terminal posts, and a BNC female connector. #DA-35, Used, \$10



UG-514 Adapter Connector for URM-127 & TS-382. Has two banana jacks, two terminal posts, and a BNC female connector. 1 lbs. #UG-514, Used, \$9.00

Audio Attenuator

The Shallco Attenuator Network is a 600 ohm impedance, decade type, unbalanced "T" circuit direct reading unit providing accurate performance in the low radio frequency spectrum, and usable over the range from 0 to 10 MHz. Accuracy +/- (.5% + .03 dB) of setting when checked at 1KHz. Unit has a range of 0 to 110dB in 1 dB steps and is equipped with 3/4" spacing 5 way binding posts. 7.5x12x5.3, 8 lbs sh. #12851-1, Unused, \$115.00



Audio Output Meter



TS-585 OUTPUT METER for audio amps, filters, oscillators. Ranges 0.1-5 mw, -10+7 dbm; 1-50 mw, 0+17 dbm; 10-500 mw, +10+27 dbm; 100-5000 mw +20+37 dbm read on 3.5" dia meter. Multiplier circuit x0.1, x1, x10, x100 allows input impedances 2.5 to 20000 ohms

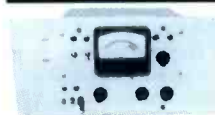
in 40 steps; 30-10000 Hz response. 8.5x11x5.5, 17 lbs sh. #TS-585, Used, \$79.50; Manual, partial-reproduction, #MM-TS-585, \$10.00

Audio Test Set

MARCONI TF2005 DUAL AUDIO TEST SET, low distortion unit (designed <0.05%) consists of two 20 Hz-20 KHz oscillators, 0.1-111 dB T-attenuator and voltmeter. Output 15 dBm into 600 ohms. Attenuator balanced 75, 150, 600 ohms 1 W max; unbalanced 600 ohms. Voltmeter ranges 1.5, 5, 15, 25 V; dB ranges +10, +20, +24. Requires 115 VAC 50-60 Hz; 7x17x11, 32 lb sh. Less power cord. #TF2005, Used Reparable with output, \$235.00



Noise Level Meter



Northeast Electronics TTS37BR Noise Level-VU Meter, 1 & 10 db/step attenuators measures level +23 to -95DBM; Noise 13 to -5 DBRN. Input impeded

900 & 600 ohm circuits balanced/unbalanced, terminating or bridged. Sensitivity -80 DBM @ 0 DB. Has large VU-meter with scales -15 to +3 VU-DB, -5 to +13DBRN. 8.8x19x7.5, 15 lbs.

#TTS37BR, Used Reparable w/book, \$115.00

Light/Sound/Temp. DVM

3 1/2-DIGIT DMM - 20 RANGES - 10A - SOUND LEVEL / LIGHT / HUMIDITY / TEMPERATURE. Automatic polarity function. Low-battery indication. Transistor, diode test, audible continuity test. Overrange protection. Sound level measurements: 35-100dB. Light measurements: up to 20000lux. Humidity measurements: 25%-95% RH. Temperature: -20C to +1300C. DC voltage: 200m/20/600V. AC voltage: 200/600V. DC current: 200u/200m/10A. Resistance: 200/2k/200k/1M. 4.8x2.4x1.6. Includes manual, test leads, and 9V battery. Drop shipped from Texas. #DVM501, New, Regular Price, 103.95; Our Price, \$82.95



Sound Level Meter



Analog Sound Level Meter, 7 sound level ranges: 50 to 126dB, A and C. Weighting: for sound analysis, fast/slow response: allows intermediate and high level measurements, with battery level indication, RCA output jack, Range: up to 126dB, Positions: 60, 70, 80, 90, 100, 110, 120dB, Load impedance: 1kohm min., Distortion:

< 2% at 1kHz 0.5V, Microphone: electret condenser microphone, omnidirectional, directionality increases at higher frequencies, Precision: ± 2dB at 144dB, Weighting: A or C, Response: slow or fast, Output signal: max. 1V deviation at 1kHz for the entire range, Requires 9V battery (incl.). Battery test: OK indication between 7 and 10.5V. 6.3" x 2.4" x 1.7", 2 lbs sh. #AVM2050, \$43.00

H-P Analyzer

HP-312B ANALYZER / FREQUENCY SELECTIVE VOLTMETER, 1 KHz to 18 MHz AM, AM AFC, BEAT, USB, LSB in 18 overlapping bands indicated on 7-digit readout. Synthesizer for tuning phase-locked in 1 MHz steps.



Bandwidth 200, 1000 or 3100 Hz. Reference level -40 to +20 DBM in 10 DBM steps. Amplitude -60 to 0 DB in 10 DB steps. Impedance selectable 50, 60, 75, 124, 135, 150 or 600 ohms balanced or unbalanced. Audio output > 0.5 V rms into 10K ohm full scale deflection. Recorder output 1 V full scale deflection open circuit. Requires 115/230 VAC 50-400 Hz; 16.8x10.5 x18.8, 51 lbs. #HP-312B, Used Reparable, \$235.00

Distortion Analyzer



HEWLETT-PACKARD 331A DISTORTION ANALYZER, measurement of total distortion 0.1%-100% in 7 ranges

over 5 Hz to 600 KHz; harmonics to 3 MHz. 1 KHz filter attenuates frequencies below 400 Hz. Fundamental rejection >80 DB. Meter indicates 300 uv to 300 V rms in 13 ranges, 10 DB per range. Requires 115/230 V; 16.8x5 x15.3, 24 lbs sh. #HP-331A, Used Checked w/ manual, \$265.00 #HP-334A, Used Checked w/ manual, \$350.00

CHECK OUT OUR LATEST FEATURE ITEMS AT FAIRADIO.COM

HP Carrier Test Set



HEWLETT PACKARD 3550A CARRIER TEST SET for field testing transmission line and system characteristics.

Includes solid-state 204C Oscillator, 493B Voltmeter, and 353A Patch Panel described below in transit case. Regulating batteries removed; 8.4x19.3x13.3, 36 lbs sh.
#HP-3550A, Used Reparable, \$189.50
#MM-HP-3550A, Manual repro, \$30.00

HP-204C AUDIO OSCILLATOR, AC line or rechargeable battery operation. Unit provides frequency from 5 Hz to 1.2 MHz in six overlapping ranges. Delivers an output voltage of >2.5 V-rms (10 mW or +10 DBM) into 600 ohm. Includes Sync Output: > 100mV-rms into <100pf over entire range. 5.1x6.3x8, 9 lbs sh.
#HP-204C, Used Reparable, \$110.00
#MM-HP-204C, Manual repro, \$14.00

HP-403B AC VOLTMETER, measures 0.001 to 300V-rms in 12 calibrated steps, -60 to +50 DB in 10 DB steps. Response 5 Hz - 2 MHz. Requires 115/230 VAC and four 6 V 225ma batteries in regulating circuit. 5.1x6.3x8, 9 lbs sh.
#HP-403B-LB, Used Reparable, less batteries, \$79
#MM-HP-403B, Manual repro, \$14.00

HP-353A Telephone Patch Panel, 50Hz-560KHz. Output impedance 135, 600, and 900 ohms. Step 600 ohm attenuator. 2 pair of matching transformers primary 600 ohm, sec 135, 600, 900 ohms. 5.1x6.3x8, 9 lbs sh. #HP-353A, Used, \$35.00

Digital Tachometer

RPM-measurements are now safe and accurate. 5-digit LCD displays the exact rpm: 2.5 to 99,999rpm. The last value / max. and min. values are stored automatically. Resolution : 0.05%. Comes with case. Requires 9V battery. Drop shipped from Texas. #DTC6234, New, Regular Price, \$99.00; Our Price, \$79.95



HP Wave Analyzer



HEWLETT-PACKARD 310A WAVE ANALYZER, a frequency selective voltmeter-receiver covering 1 KHz to 1.5 MHz with bandwidths 200,1000, and 2000 Hz; resolution 200 Hz/div. Modes AFC-Normal-BFO-USB-LSB-AM. Amplitude ranges 10 ux to 100 V full scale, 16 steps. AFC: dynamic hold-in +/-3 KHz min @ 100 KHz; tracking 100 Hz/sec. Has headphone jack and is operable as VLF receiver. Requires 115/230 V 60 Hz; 10.8x16.8 x18.4, 50lb.
#HP-310A, Used-reparable w/ manual, \$150.00

Distortion Analyzer

HEWLETT-PACKARD 331A DISTORTION ANALYZER, measurement of total distortion 0.1%-100% in 7 ranges over 5 Hz to



600 KHz; harmonics to 3 MHz. 1 KHz filter attenuates frequencies below 400 Hz. Fundamental rejection >80 DB. Meter indicates 300 uv to 300 V rms in 13 ranges, 10 DB per range. Requires 115/230 V; 16.8x5 x15.3, 24 lbs sh.
#HP-331A, Used Checked w/ manual, \$265.00
#HP-334A, Used Checked w/ manual, \$350.00

Wheatstone Bridge



ZM-4 Wheatstone Bridge used to measure DC resistance. Resistance measurement range 1 ohm to 1.011 M ohms +/-0.15%; As a resistance substitution box it is adjustable in 1 ohm steps from 0-10110 ohms. The current limit of the resistors is 16-500ma depending on setting. Galvanometer indicates balance in test circuit. Requires three "D" batteries. Also 22.5 to 200 VDC for more accurate readings above 1000 ohms. Can be used as a precision resistor substitution box. 5.8x7.3x8.8, 12 lbs #ZM-4-UR, Used Reparable, \$40.; #ZM-4-UR-L, Used Reparable less galvanometer, \$20
#ZM-4-CH, Used Checked, \$59.50;
Manual repro, #MM-ZM-4, \$14.00

LC Bridges

3 1/2 digits LCD with a maximum reading of 1999. Full range protection and overload indication. Worldwide safety standard, high reliability. With data hold and large LCD display. DCV:0-200m-2-20-200±0.5%-1KV±1.0%. ACV:0-2-20-200V±0.8%-700V±1.2%. DCA:0-200m±1.2%-20A±2.0%. ACA:0-200m±2.0%-20A±3.0%. Resistance:0-200-2k-20k-200k-2M±0.8%-20M±1.0%. Capacitance:0-20n-200n-2u-20uF±2.5%-200uF. Frequency: From 300Hz to 200KHz ±3%. Inductance:0-2m-20m-200m-2H-20H±2.5%. Temperature: C: -40C - 1000C; F: -0F - 1832F. Transistor and Diode test. Audible continuity: <90ohm. Requires 9V battery. Comes with test leads, bag, and battery. 7.5" x 3.5" x 1.7", 3 lbs sh.
#VC9805A, List Price, \$149.95; Our Price, \$69.95



3 1/2 digits LCD display to 1999. High accuracy. Input overload protection. Low battery indication. Low power consumption. In-line push buttons allow one hand operation. Capacitance:0-2n-20n-200n-2u-20u-200u-1000uF. Capacitance accuracy 23C ±2C: <0.5uF±1.0%, >0.5uF±2.0%. C Temperature coefficient: <0.5uF±0.1%/C, >0.5uF±0.2%/C. Inductance:0-2m-20m-200m-2H-20H. Inductance accuracy 23C±2C: <0.5uH ±2.0%,>0.5uH ±5.0%. L Temperature coefficient: <0.5H±0.2%/C, >0.5H±0.5%/C. Zero Error: C<5pF, L>10uH. 7.5" x 3.5" x 1.7", 3 lbs sh.
#VC6243, List Price, \$89.00; Our Price, \$69.50

Anemometer

ANEMOMETER. Wind speed measurements in mph, km/h or m/s units. Reads up to 65MPH. Wind speed in Beauford wind scale bar graph. Wind chill display. Temperature display in degrees Celsius or Fahrenheit. Data-hold function. Auto power OFF. LCD backlight. Comes with neckband and 1 x 3V CR2032 battery. 1.5"x.7" x 3.9". #DVM9500, New,\$89.95



Transmission Test Set



Northeast Electronics TTS-44 Transmission Test Set. A useful device for test and measurement of audio VLF-RF frequencies up to 99.99 KHz. Has a four digit display switchable from Hz to KHz, and an edgewise DB meter. Also, has a small front mounted speaker with level control. Send portion of unit generates frequencies in presets (404,1004, 2804 Hz) and variable ranges (35 - 375 Hz, 375 - 4.5 KHz, 4.5 - 60 KHz) and has an output attenuator from -40 to +10 db in six ranges. Both send and receive have two independent channels with bridged and terminated binding post and phone plug connections. 120VAC, and self contained battery operation (no warranty of battery condition) 12.7 x 15 x 7.5, 33 lbs sh. #TTS-44, Used reparabile, \$79.50
#MM-TTS-44, Manual Repro for above, \$23.00

Thermometer

In/Out Thermometer, Memory for min/max values. Wall-mounted or freestanding device. Simultaneously display in/out. Alert/set button to enter a preset value for in/out temperature. Readout in C or F. Weatherproof sensor probe for outdoor temperature. Temperature range indoor: -10C to +50C (+14F to +122F); outdoor: -50C to +70C (-58F to +158F) Digit height: 0.5". Display size: 1.18" x 1.57". Unit size: 4.3" x 2.75" x 0.78". Requires one AAA battery (included). #TA20, New, \$9.95



Infrared Thermometer

INFRARED THERMOMETER. One-handed operation. Laser technology. Range 0 to 788F. Resolution 1F / 1C. Spectral response 6-14µm. Response time 50ms. Accuracy -20C to +100C ± 3C, +11 to +40C ± 3C. Operating temperature 0 to +50C. Power consumption 40mA max. Requires a 9V-battery (not included) 1.7" x 1.6" x 6.7". 2 lbs sh. Drop shipped from Texas. #DVM8869, New,
List Price, \$215.00; Our Price, \$151.95

TS-656 Test Meter

TS-656 Electrical Meter Test Set supplies accurately metered AC and DC voltages and DC current to test meter movements. AC, DC voltages 0 to 2.5, 5, 10, 25, 50, 100, 250, 500. DC current: 0 to 100 ua, 250 ua, 500 ua, 1 ma, 2.5 ma, 5 ma, 10 ma 25 ma 50 ma, 100 ma, 250 ma, 500 ma and 1 amp. Requires 120 v 60 hz. 55 lbs sh. 17.75 x 14.25 x 11.75, With operators info. #TS-656, Used Reparable, \$169.50



URM-26B Generator



SG-117/URM-26B SIGNAL GENERATOR, 4 to 405 MHz AM-CW - Pulse in six bands. Output 0.1 to 100K uv into 50 ohms. Modulation 400 or 1K Hz 0-50%. External pulse-mod requires positive 40 V-min 50-500 pps; duration 2-40 usec and 70 ohm input impedance. Requires 115 V 50-1000 Hz. Outer case may have small dents. Less front cover. 11.3x14x10.5, 36 lbs sh. #URM-26B, Used Checked, \$185.00
Manual repro, #MM-URM-26B, \$18.00

Accessories sold only with purchase of URM-26B:
2:1 attenuator, 50 ohms, #CN-315, \$9.50
10:1 50 ohm, #CN-316 \$11.50
Impedance matcher, #CU-439, \$11.50
BNC cords, 4 foot, #BNC-4ft, \$4.50;
BNC cords, 6 inch, #BNC-6IN, \$2.50

SG1174 Signal Generator

SG-1174/U (AUL 6201B) Signal Generator 3.8 - 7.6 GHz. Internal modulation of CW, pulse, square wave, FM or accepts external modulation. Control complement includes vernier tuning, attenuator, sync multiplier, pulse rate (40-400pps), pulse width (.5-10us), sync delay (3-300us), and FM modulation level. Solid-state design except for 5037 klystron. 50 ohm output, plus sync and sync delay outs; external modulation inputs. 5.7x19x13.7, 54 lbs sh, No manual available. #SG-1174, Used Reparable, \$125.00



CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

UHF Signal Generators



HEWLETT-PACKARD 620B SIGNAL GENERATOR, 7 to 11 Ghz in single band FM, pulse or squarewave modulation. Calibrated output 0.1 uv to 0.224 V into 50 ohms. Also second 0.3 MW uncalibrated output useable for phase locking.

Pulse rate 40 to 4000 pps; width 0.5 to 10 usec. Uses 5721 or = klystron. Requires 115/230 VAC 50-400 Hz. 13.9x17.5 x17.4; 70 lb. #HP-620B, Used Repairable, \$175 Manual repro for above, #MM-HP-620B, \$20.00

HP-618C GENERATOR, similar to 620B except 3.8 to 7.6 Ghz; #HP-618C, Used Repairable, \$150.00 Manual repro for above, #MM-HP-618C, \$17.00

HP-8640B Signal Generator



HEWLETT-PACKARD 8640B RF GENERATOR 500 KHz -512 MHz AM-FM-Pulse in 11 bands read on 7-digit display.

Output +19 to -145 dbm (2 V to 0.013 uv); phase-lock FM. Requires 100/120/220/240 VAC 48-440 Hz; 5.5x16.8 x18.8, 53 lbs sh. Used Checked w/manual copy, #HP-8640B-13, \$1150.00

MILITARY VERSION of popular solid-state HEWLETT-PACKARD

8640B with opt 323 (AN/USM-323). Covers 500 KHz to 512 MHz AM-FM-Pulse in ten octave ranges using 6-digit LED readout; to 1024 MHz using external freq doubler (not available). Output: 0.01 uv to 2 V (-144 to +19 DBM); modulation 400, 1000, 5000 Hz. Pulse: 0.05-5 KHz. Resolution 10 Hz (0.5-4 MHz), 100 Hz (4-64 MHz), 1 KHz (64-512 MHz). USM-323 does NOT have these features: seventh 1/2 digit, X100 Expand, ext-count input, phase-lock. Mounted in transit case. Requires 103-127/207-242 VAC 48-440 Hz; 7.8x19.5 x22.4, 70 lbs. #USM-323, Used Checked w/book copy, \$895.

480 MHz Signal Generator



HEWLETT-PACKARD 608E SIGNAL GENERATOR, best of 608-series covers 10-480 Mhz AM-CW-pulse; 1 & 5 Mhz calibration check points over range make +/-0.05% accuracy possible. Modulation 400 or 1000 Hz internal; external 20 Hz-20 Khz, 0 to 90%. Large 3.5" dia meters for Percent Modulation & Output Volts-DBM. Requires 115/230V 50-400 Hz; 16.4x13.3x21, 72 lbs. #HP-608E-UR, Used Repairable, \$260.00 #HP-608E-CH, Checked, \$310.00 Manual repro for above, #MM-HP-608E, \$18.00

FIBERGLASS TRANSIT CASE for HP-608 generators; 30 lbs sh. #FIB-USM-44B, used, \$40.00

H-P Microwave

HEWLETT-PACKARD, Frequency Meters, 5 lbs. Used:

G532A, 3.85-5.85GHz, \$195.00
J532A, 5.3-8.2 GHz, \$195.00
P532A, 12.4-18 GHz, \$195.00
R532A, 26.5-40GHz, \$195.00
X532B, 8.2-12.4GHz, \$195.00
536A, 0.94 - 4.2GHz, \$50.00

WDA-940 by FEL, 0.96 - 4.2GHZ, Unused, \$50.00

Precision Attenuators:

J382A, 0-50dB, \$195.00; X382A, 0-50dB, \$195.00;

DIRECTIONAL COUPLERS: 2 lbs sh.

G752C, \$125, H752D, \$125,
J752D, \$125, P752A, \$99,
X752C, \$99, P8747A, \$150,
Omega 3315E, \$95.00,
UG1054/H281A, \$95.00

X910B Termination, \$20.00



Waveline 60563, \$95.00,

50 MHz Signal Generator



AN/URM-25 SIGNAL GENERATOR with accessories; covers 10 KHz to 50 MHz in 9 bands. Output to 100K uv into 50 ohms. Modulation 0-50% 400 or 1000 Hz; internal 1 MHz calibrator. Includes MX-1487 imped-

ance adapter, SM-35 antenna simulator, attenuators CN-223-224, test cable & manual repro.

Requires 115 VAC 60 Hz; 11.3x14x10.8, 58 lbs sh. #URM-25-UR, Used Repairable, \$130.00 #URM-25-CH, Checked, \$200.00

Dummy Antenna for URM-191 & other signal generators such as the URM-25. 50 ohm impedance. Has a female BNC connection on each end. #DA-650, Used, \$7.00

Fixed 5:1 Attenuator for URM-191 & other signal generators such as the URM-25. Has a female BNC connection on each end. #CN-1418, Used, \$8.00

Adapter Connector for URM-191 & other signal generators such as the URM-25. Has a female BNC connection on one end and a 1/4" phone jack on the other end. #35-28102-14, \$7.50



Test Leads

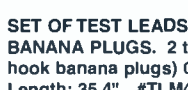
TEST LEADS. 2 test leads with protection caps. Ratings: 1000V / 15A. Length: 30" / 37". #TLM1, New, \$6.50



SET OF TEST LEADS - 2 BANANA PLUGS. 2 test leads (with banana plug) 0.16". Length: 39.4". #TLM2, New, \$1.49



SET OF TEST LEADS - BANANA PLUG / BOOTED CROCODILE PLUG. 3 test leads (banana plug 0.16" / boot-crocodile plug). Length: 35.4". #TLM3, New, \$1.49



SET OF TEST LEADS - 2 HOOKED BANANA PLUGS. 2 test leads (2 hook banana plugs) 0.16". Length: 35.4". #TLM4, New, \$1.99



Test Leads with alligator clips. Each test lead is 55" long. Used in conjunction with PSM-6 and other military meters. #MX-1909, Unused, \$4.

Red & black panel jacks f/ above. #J-19, used, \$2 per set

Alligator Clips

ALLIGATOR CLIP 10A. Solder conn. Length 2.2". Boot color black, #CM16B, 4 for \$1.19; 8 for \$1.99 Boot color red, #CM16R, 4 for \$1.19; 8 for \$1.99

ALLIGATOR CLIP. Solder conn. Length 1.7". Boot color black, #CM6B, 12 for \$1.99; 24 for \$3.39 Boot color red, #CM6R, 12 for \$1.99; 24 for \$3.39

As above but 1.1".

Boot color black, #CM5B, 12 for \$1.99; 24 for \$3.39 Boot color red, #CM5R, 12 for \$1.99; 24 for \$3.39

20 amp rated Industrial Alligator clip with spiney contact by Mueller. No insulation. Unused, #AC-1868, \$1.25 each; 3 for \$3.00

Jumper Test Leads



Set with 10 wires 5 colors with boot-crocodile clips. Cable length: 20". Booted alligator clips: 1". #CM12, New, \$1.79

HP Analyzer Plug-In



HEWLETT-PACKARD 8553B SPECTRUM ANALYZER PLUG-IN for HP-141T main-frame: covers 1 KHz to 110 Mhz in bands 0-11 and 0-110 Mhz. IF bandwidths: 10 Hz to 300 KHz, 1-3

sequence. Scan widths on 10-division CRT: 20 Hz/div to 10 Mhz/div in 18 calibrated steps, 1-2-5 sequence. 4x8.9x13.5, 17 lbs.

#HP-8553B-UR, Used Repairable, \$295.00 Manual partial repro, #MM-HP-8553B, \$20.00

HP-8552B IF Plug-in for 141T. Features video filtering, recorder outputs and an internal calibration signal to make the spectrum analyzer easier to use. Provides band-

width/gain selection and detection. Internal calibration standard is -30dBm, 30MHz signal. 16.8x16.4x8.8, 14 lbs sh. #HP-8552B,

Used operates but may need adjustment, \$400.00

HEWLETT-PACKARD 8445B AUTOMATIC PRESELECTOR. This YIG tuned filter unit is designed for use with the HP-141T Analyzer with the HP-8555A Plug-in. Suppresses harmonic mixing image and multiple responses from 1.8 to 18 GHz. Clean band sweeps of 2, 4, 6, or 8 GHz are possible depending on the band selected. N connections. Less Interconnect cable. Requires 100/120/200/240 V 48-440 Hz. 3.5x16.8 x18.4, 25 lbs sh.

#HP-8445B, Used Repairable, \$350.00

Scope Probes



OSCILLOSCOPE PROBE 150MHz. Complete probe set for measurements up to 150MHz. Attenuation: 1:1 or 1:10. Position x1 - bandwidth: DC to 60MHz, input resistance: 1Mohm (input resistance scope) input capacitance: 90pF + cap. scope. Position

x10 - bandwidth: DC to 150MHz, input resistance: 10Mohm (if scope input = 1Mohm), input capacitance: 15pF approx. Cable length 3.9ft. #PROBE150, New, \$39.95

OSCILLOSCOPE PROBE 100MHz. Complete probe set for measurements up to 100MHz. Attenuation: 1:1 or 1:10.

Position x1 - bandwidth: DC to 60MHz, input resistance: 1Mohm (Input resistance scope) input capacitance: 90pF + cap. scope. Position x10 - bandwidth: DC to 100MHz, input resistance: 10Mohm (if scope input = 1Mohm), input capacitance: 16pF approx. Cable length 4.6ft. #PROBE100, New, \$32.95



INSULATED SCOPE PROBE 60MHz. Complete probe set. Insulated for hand-held equipment. Attenuation: 1:1 or 1:10. Position x1 - bandwidth: DC to 15MHz, input resistance: 1Mohm (input resistance scope), input capacitance: 46pF + cap. scope. Position x10 - bandwidth: DC to

60MHz, input resistance: 10Mohm (if scope input = 1Mohm), input capacitance: 18pF approx. Cable length is 4.6ft. With insulated BNC connector. #PROBE60S, New, \$22.95

PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

Tektronix Plug-ins

Each of the plug-ins listed below are used repairable.

Part Number: #TEK-(specify model)

- 1A1 High Gain Wide Band, \$45.00
- 2B67 Time Base, \$45.00
- 3A1 Dual Trace Amplifier, \$45.00
- 3A3 Vertical Dual Trace Differential Unit, \$75.00
- 3A6 Dual Trace Amplifier, \$45.00
- 3A72 Dual Trace Amplifier, \$40.00
- 3B4 Time Base Single Sweep Type, \$45.00
- 3S76 Sampling Dual Trace, \$40.00
- 5A14N Four Channel, \$100.00
- 5A15N Single Trace Amplifier DC-2MHz, \$35.00
- 5A18N Dual Trace Amplifier, \$79.50
- 5A21N Differential Amplifier, \$50.00
- 5A24N Single Trace Amplifier DC-2MHz, \$30.00
- 5A38 Dual Trace, \$45.00
- 5A48 Dual Trace, \$60.00
- 5B10N Time Base / Amplifier, \$50.00
- 5B12N Dual Time Base, \$85.00
- 5B25N Digitizer / Time Base / Amplifier, \$99.00
- 5B40 Time Base, \$60.00
- 5B42 Delaying Time Base, \$85.00
- 5T3 Time Base, \$65.00
- 7A12 Dual Trace Amplifier, \$60.00
- 7A13 Differential Comparator, \$125.00
- 7A15A Amplifier, \$60.00
- 7A16A Amplifier, \$99.00
- 7A18 Dual Trace Amplifier, \$125.00
- 7A19 Amplifier, \$125.00
- 7A22 Differential Amplifier, \$150.00
- 7A24 Dual Trace Amplifier, \$99.00
- 7A26 Dual Trace Amplifier, \$99.00
- 7B10 Time Base, \$199.00
- 7B50 Time Base, \$155.00
- 7B53A Dual Time Base, \$179.00
- 7B71 Delaying Time Base, \$175.00
- 7B80 Time Base, \$125.00
- 7B87 Time Base, \$175.00
- 7B92A Dual Time Base, \$199.00
- 7D15 225MHz Counter / Timer, \$199.00
- 10A2 Dual Trace Amp, \$50.00
- 11B1 Time Base, \$40.00
- 53/54K Fast Rise .05-20V/cm, \$20.00
- 72 Dual Trace Amplifier, \$45.00
- AM-6565/U Amplifier (7A15AN11), \$45.00
- B Wideband 50mv-20V/cm, \$25.00
- CA Dual-Trace DC-24 MHz, \$40.00
- D High Gain DC Differential, \$25.00
- E Low Level AC Differential, \$25.00
- H Wideband 50mv-20V/cm, \$25.00
- K Low Level AC Differential, \$25.00
- L Wideband High Gain, \$30.00
- O Operational Amplifier, \$50.00
- P Rise Time Test Unit, \$25.00
- Q Transducer-Strain Gauge, \$85.00
- Z Differential Comparator, \$85.00

Wire Clips

144mm LONG WIRE CLIP FOR CABLE CONNECTION. Suitable for cable and 4mm banana plug. Length is 5.7". Black color, #CM23B, \$1.82 Red color, #CM23R, \$1.82

40mm WIRE CLIP. Solder connection. Length is 1.6". Black color, #CM22B, \$0.99; 3 for \$2.39 Red color, #CM22R, \$0.99; 3 for \$2.39

TEK 7603N11S



AN/USM-281C (Tektronix 7603-N11S) OSCILLOSCOPE, modern, versatile 7000-Series scope with large 8 x 10 cm display and at least 65 Mhz response. Includes two AM-6565 (7A15AN11) single-trace and one TD-1085 (7B53AN11) dual time base plug-ins plus the 100 Mhz mainframe accepts stan-

dard Tek 7000-Series plug-ins. Vertical deflection 5 mV - 10 V/div in 11 calibrated steps, 1-2-5 sequence; vernier to 25 V/div. Sweeps: Normal, Intensified Delay, Delayed and Mixed. Rate 0.05 uS - 5 S/div in 25 steps, 1-2-5 sequence; 5 NS rate using x10 magnifier. Delayed rate 0.05 uS to 0.5 S/div in 22 steps. Requires 100-120/200-240 VAC 48-440 Hz. With book; 11.5x9.7x25.2, 52 lbs. #USM-281C-UR, Used-Repairable, \$370.00 #USM-281C-CH, Checked, \$460.00 Manual repro f/ USM-281C only, #MM-USM-281C, \$35

ADAPTERS for USM-281C/TEK7603:

- ADAPTER BNC (f) - UHF (m) #103-0015, \$3.00
- ADAPTER BNC (m) -UHF (f) #103-0032, \$3.00
- ADAPTER BNC (m) to post, #103-0033, \$3.00
- T-CONNECTOR, BNC (f-m-f) #103-0030, \$3.50
- CABLE, 8 ft BNC, 50 ohms, #012-0118, \$4.50

TEK 500 Modules / Plug-ins

The TEK TM503 Power Module benchtop mainframe is a three wide power module compatible with all TM500 Plug-Ins. It provides unregulated DC and AC supplies and non-dedicated power transistors for plug-in usage. 17x8.35x9, 14 lbs sh. #TM503, \$125.00



- Four Wide Power Module, #TM-504, \$145.00
- Five Wide Portable w/ covers, #TM-515, \$169.00

Part Number for plug-ins below: #TEK-(specify model)

- AM502 Differential Amplifier, \$195.00
- AM503 Current Probe Amp (no probe included), \$179
- DC501 Counter 110 MHz, \$199.00
- DC502 (opt. 1) Counter, \$199.00
- DC503 Universal Counter, \$129.00
- DC504 Counter / Timer, \$129.00
- DM501 Digital Multimeter, \$99.00
- DM502 Digital Multimeter, \$149.00
- FG501 Function Generator, \$129.00
- PG501 Pulse Generator, \$129.00
- PG505 Pulse Generator, \$225.00
- PS501 Power Supply, \$199.00
- SG503 Leveled Sine Wave Generator, \$499.00
- TG501 Time Mark Generator, \$499.00

****TEK 5000 Plug-in****

FG5010 Programmable Function Generator, \$999

Tek Plug-in Adapter

Tektronix type 81 DC-30MHz Vertical Plug-in Adapter. Allows the use of all 1-series and letter-series plug-ins with 580-series oscilloscopes. Tube type version. 12.2x5.9x7.1, 6 lbs sh. #TEK-81, Used, \$29.95



Personal Scope Special



PERSONAL SCOPE 10MS/s, Complete portable oscilloscope the size and the cost of a good multimeter. Ideal for hobby, service, automotive and development purposes. Suitable for measurements on audio equipment, line voltage applications, digital signals, all kind of sensors, signal analysis in automotive applications, car stereo, etc its full auto setup function, makes

measuring waveforms very easy. 10MHz sampling rate. 0.1mV sensitivity. Up to 2MHz analog bandwidth. 5mV to 20V/div in 12 steps. 20 ns to 1 hour/div time base in 32 steps. Full auto set up. Trigger modes: run, normal, probe, roll, slope +/-, X and Y position signal shift. DVM readout with x10 optical audio power calculation (rms and peak). dBm, dBV, DC, rms ... measurements, signal markers for Volt and Time. Frequency readout (through markers). Recorder function (roll mode). Signal storage (2 memories). LCD: 128x64 pixels / high-contrast. Requires five 1.5V AA battery or Nicd / NiMH (not incl.). Includes battery charging circuit. Drop shipped from Texas. #HPS10, New, List Price, \$229.90; Our Price, \$159.99

275 MHz Scope

HEWLETT-PACKARD

1720A PORTABLE SCOPE, DC to 275 MHz response with dual channels, large 6x10 CM display, and selectable input impedance 50 ohms or 1 meg-ohm. Modes Channel A or B, A+B, A & B alternating, A & B chop. Deflection: 5 mv-5 V/div in 10 calibrated steps, 1-2-5 sequence plus vernier to 12.5 V. Sweep: 10 ns-0.2 s/div in 23 steps, vernier to 0.5 sec and X10 magnifier. Trigger normal, auto or single. Delay sweep: 10 ns-0.1 s/div in 22 steps, vernier to 0.25 sec; delay time varies 0.02 us-2 sec. Calibrator 1 KHz squarewave, 1 V p-p. Requires 115/230 VAC 50-440 Hz, 38 lbs. #HP-1720A-UR, Used Repairable, \$425.00 #HP-1720A-CH, Checked, \$550.00



Similar except DC-150MHz, repairable, #HP-1710A, \$360 Similar except DC-100MHz, repairable, #HP-1741A, \$310

Manual repro for HP-1710A, #MM-HP-1710A, \$35 Manual repro for HP-1720A, #MM-HP-1720A, \$35

TEK 100 MHz Scope



TEKTRONIX 465M (AN/USM-425) OSCILLOSCOPE, militarized portable dual-trace unit has response DC to 100 MHz and 8x10 CM display. Deflection 5 mv to 5 V/div in 10 calibrated

steps, 1-2-5 sequence plus vernier. Vertical modes: TRIG View, 20 MHz BW, CH 1, ALT, Add, Chop, CH 2 or X-Y. Sweep 0.05 usec to 0.5 sec/div in 22 steps plus vernier; delay 0.05 usec to 50 msec/div. Inputs: 1 Megohm paralleled by 20 pf. Also X10 magnifier, adjustable handle, and manual copy. Front cover is not available. Requires 100-132/ 200-264 V 48-440 Hz; 19.2x12.8x7, 32 lbs sh. #TEK-465M-UR, Used physically OK but power supply troubles, \$260.00 #TEK-465M-CH, Checked, \$425.00 Manual for above, #MM-USM-425V, \$30.00

EMAIL US YOUR INQUIRIES AT FAIRRADIO@FAIRRADIO.COM

DC Voltmeters

Analog Panel Meter, 0-5 VDC, Scale reads 0-75 watts. 4.6" x 4.1", #251-4, New, \$14.00

FS=5 VDC, scale 0-1.5 A & 0-300 MA; 2.5" rd. #VDC-5, Used, \$6.00

ES=5VDC, 5-0-5/10-0-10maDC, 3.5" rd, #S00-5-0-5V, Used, \$15.00



DATA TECH 0-20 VDC Digital Panel Meter, uses Sperry 7-segment 0.5"H readouts. 10 meg ohm Imped.; auto-polarity, OVP. Requires 115 V 60 Hz. Units have "weak" displays and/or "bad" segments. 1.9"Hx4"Wx5.5"D, 3 lbs. sh. #5313-220, "AS-IS", \$12.00

POLARAD Mfg. FS=100 V DC, 0-100-500 scale, 4"W x3.8"H. #M2/TV13, \$10.00

FS=150 VDC, 0-1500-5000 sc. 4"Wx3.8"H. #M4/TV-13, \$10.00



150-300 VDC expanded scale, 4 1/2" rd, black face, Weston 760, 500 ohm/Volt, #VDC-300, Unused, \$12.00

High Voltage DC 3 1/2" round panel meters removed from equipment. Each panel meter listed below comes with the associated large multiplier resistor creating full scale indication as shown below. 0-1KV, #S00-1KV, \$20



Analog DC Volt Panel Meters, New, \$8.30 ea
15V, 2.4"x1.9", #AVM6015
15V, 2.8"x2.4", #AVM7015
30V, 2.4"x1.9", #AVM6030
30V, 2.8"x2.4", #AVM7030

DC Amps

DC AMMETER -15 MV - 0 - +50 MV. 4.5 inch dia. mounts in 3 5/8 inch hole. Scales -150 to 500, -30 to 100, -15 to 50, -3 to 10. 3 lbs sh. #400R150B, Unused, \$6.95

EDGEWISE METER 0-8 A DC; 1.9"W x 3/4"H; #D2588, \$8.00

ES=20 ADC, 2.5" round diameter. 20-0-20 scale. White face. Shunt not required. #ADC-20-ES, Unused, \$10.00



0-150ADC & 0-75VDC Scale; FS=150MV; 2.7" x 2.3", #1921-M1031, Unused, \$7.50

FULL SCALE = 50 MV:

0-15 ADC 3.5" rd black, #ADC-15, \$8.
0-30 ADC 2.5" rd, used, #ADC-30, \$7.95

0-1500 DC Ammeter. 3.5 inch dia. mounts in 2 3/4 inch hole. White face. FS=50mv. #NX-35, Unused, \$15.00

Analog DC Current Panel Meters, New, \$8.30 ea.

3A, 2.4" x 1.9", #AIM603000
10A, 2.4" x 1.9", #AIM6010A
5A, 2.4" x 1.9", #AIM605000
5A, 2.8" x 2.4", #AIM705000
30A, 2.4" x 1.9", #AIM6030A



DC Micro Amps

FS=50 UA DC, scale -30 +150 w/"O" center; 2.5" rd sealed. #TRC30150, \$5

Analog Panel Meter, 0-50 UADC, 2.4" x 1.9", #AIM60005, New, \$8.30

ES=100 UADC, 3.5" rd, Scale -10 to +10 %, Black face, #UA-100-ES-3.5, Used, \$7.00



FS=100 UA DC, 2.5" round diameter. Scales for 0 to 100 and -8 to +6dbm. Black face. #265-347, Unused, \$10.00

150-0-150 UA DC, 3.5" round Simpson. #UA-150-ES, Unused, \$8.95

FS=200 UA DC, 3.5" Rd diameter. Scales for 0 to 20 and 0 to 2.0 RF Watts. White face. #300R-426C, Unused, \$14.00



0-200 UADC 2.5" round. White face. Used, #UA-200, \$11.00

DC Milliamps

FS=1maDC, Marked Amperes, Volts, and AC. 0-5/120/30 scale. 3.6"W x 3.3"H, Mounts in 2 1/4" hole. #2168, Unused, \$17.50



Analog Panel Meter, 0-1 MADC, 2.4" x 1.9", #AIM601, New, \$8.30

ES=1maDC, 100-0-100 scale, 2.5" RD, A&M Instruments. #265-097, Unused, \$14.00

1.5MADC Movement Audio Output Meter for receiver. 0-2VAC scale non-linear. Works with SP-600. 2 1/4" rd white face. #MA-1.5, Used, \$23.00

FS=5 MA DC, 0-150 VDC scale 3.5" sq. #MA-5, Used, \$7.95

100-0-100 MA DC, 3 1/2" rd Weston 301, #MA-100-ES, Used, \$6.95

Analog DC Current Panel Meters, New, \$8.30 ea.

50mA, 2.4"x1.9", #AIM6050
100mA, 2.4"x1.9", #AIM60100
500mA, 2.4"x1.9", #AIM60500

Shunts

FS=50mv:
30 amps, 1.3x2x1.7, #SH-30, Used, \$7

High Current Weston DC Generator Shunts. 50mv. Used, minor corrosion. 400 amp 4 lbs. #SH-400, \$30.00
500 amp 3 lbs. #SH-500, \$30.00
800 amp 4 lbs. #SH-800, \$30.00
1000 amp 9 lbs. #SH-1000, \$40.00

Instrument Shunt, 1 amp at 50MV; 2 amps at 100MV. #0042261, \$4.95



AC Voltmeters

VTVM Meter 1-10 VAC scale expanded with 3.5 V centered; also 0-20 DB. 4.5" rd. #0899, Unused, \$7.95



Analog AC Voltage Panel Meters, New, \$8.30 ea.
150V, 2.4"x1.9", #AVM60150
300V, 2.4"x1.9", #AVM60300

AC Amps

FS = 5 amps AC; transformer required for indicated scale (not available): 0-150 A, 2.5" dia. #ACA-150, \$9.50

0-100-200 AC AMPS FS=5 A GE-YOKO 2.5" sq. #ACA-200, \$10.50

Various Meters

----- DB METER -----

-4-0-+6 DB 1 MW, FS=1 MA; 2.5" rd sealed, #DBM-4-6, Used, \$4.50

-- METER ASSORTMENT --

Seven U.S. mfg meters 2 1/2" x 3 1/2" - up; mixed odd scales, FS-100 ua and up-- no choice; 3 lbs sh. #MTR-ASST, \$12.00

- I-70 B TUNING METERS -

"Tune for Max" meter used in many WW-2 radio remote control boxes such as BC-311, BC-434 & C-4/ARN-7; 2.1x2.1 x1.6, 1 lbs. #I-70B-TM, Used, \$12.00

- ART-13 PLATE METERS -

Original PA Plate Panel Meter from the ART-13 transmitter. Full Scale equals 1maDC. 2 1/2" round. Black face. Used condition, #PMTR-ART-13, \$23



- TV-2 PANEL METERS -

TV-2 panel meters
Filament, #F-TV-2, Unused, \$50.00
Grid Bias, #GB-TV-2, Used, \$50.00
Screen, #S-TV-2, Used, \$50.00



KW Hour Meters

KiloWattHour meters 240 volt 60 Hz single phase 4 dial. Monitor power to your out buildings or campground. Removed from use, good condition. An interesting item to build into a lamp base. You could probably modify it to make in run on the lamp current. 8 lbs sh. Used.



Duncan Form 2S, Rr 138 8/9, 240 v TA 30, Kh 7.2 3W. #200CL-MS, \$33.00

Duncan MQ-S Form 2S Rr 83 1/3 240 v 60 hz 3W TA 30 12 kh. #200CL-MQ-S, \$32

Galvanometer

Used in test bridges to indicate slight variations in current; 1 mm increments:



LEEDS & NORTHROP
10-0-10 scale, sens 0.1 ua/mm. CDRX 10K ohms; 500 system res. Period 4 sec; w/ Balance "lock". Behind panel: 4"D x 1" dia; front 3"H. #18876, New, \$30.00

Frequency Meter

5 Reed Frequency Meter 380 - 420 Cycles. 100-130 Volts. 1 3/4" diameter. #15-FH-400, Used, \$12

60 / 400 HZ REED FREQUENCY METER two reeds--one 60 Hz, one 400 Hz-- vibrate when freq approached. Use a 20K ohm resistor for 115V operation. 2" dia; fit 1.5" hole. #FM-TS382, used, \$12.95



RF Thermocouple

RF Thermocouple ARC-7499 as used in RE-2/BC442 ARC-5 antenna relay. Bridge type 19.5 +/- 1.5 mv 750 ma. Use for replacement on experiments. #ARC-7499, Unused, \$6



Pressure Gauges



0 to 15 PSI Pressure Gauge by USG. 2.1" round with 1/8" fitting and brass coupling. #PS-15, Used, \$8.95

0-60 PSIG & 0-4 KG/CM; 2.1" rd w/ 1/2" dia fitting. #PG-60PSI, NEW, \$6.50



PRESSURE REGULATOR 0 - 500 PSI. Seems to be a quality unit, but no mfg. or country of origin on the unit. 2.5x1.8 x3.3, 2 lb sh. #PR-500, \$6.00

0-6000 PSI 4" dia 270 degree scale; 7/16" di fitting. O/a 6" dia. #M6000-PSI, Unused, \$16.00

Water Gauge

3 1/2" Round Gauge reads negative 80 thru positive 80 "Centimeters of Water" in increments of 2. Has 1/8" threaded hole on back. Made by Marshall Town. #92361, Unused, \$8.50



Temperature Gauge

40 - 240 degree Temperature Gauge. 2 1/4" diameter. White face. Requires external sensor. #TEMP-240, \$6.50



Running Time Ind.

3 1/2" Round Running Time Meter by Cramer Division Type 635EAA. Requires 115VAC 60Hz at 2.7 watts. Reads upto 999,999 hours.

Reads in one hour increments only. Does not read in tenths. 3/10 RPH. 3" depth. Comes with mounting hardware. #RTM-115, Unused, \$23.00

Same as above except 440VAC 60Hz and reads upto 99,999 hours, #RTM-440, Unused, \$18.00

12VDC Counter

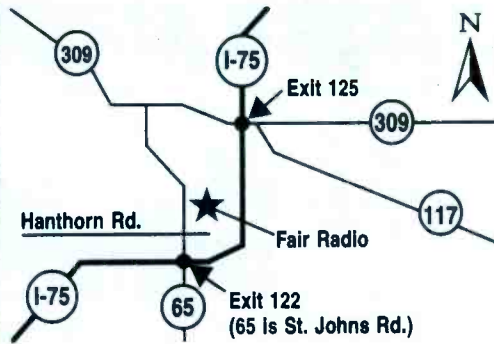
6-Digit Mechanical Counter 12 VDC nonresettable; black numerals on white. Rear mount flange: o/a 1.3"Hx1.5"Wx2.5"D, 1 lb. #E07B10DC12, New \$3.95



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*****AUTOMATED DIGIT 440

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Sloped Enclosures



15 Degree Slope Enclosure. The base is 18 ga. steel for extra strength. Easy to machine - aluminum top panels are 0.064" thick aluminum. Back is also aluminum. Sides pre-assembled

with a two tone grey powder paint finish (base is dark satin gray, slope top is smooth light grey). Comes with four self adhesive rubber feet and required hardware. Hammond Mfg. New, 4.5" W x 6" D x 2.1" Rear Ht x 1.1" Front Ht, 3 lbs sh. #515-0910, \$20.24; 5 pcs \$16.69 each
7.4" W x 6" D x 3.8" Rear Ht x 2.8" Front Ht, 5 lbs sh. #515-0940, \$23.87; 4 pcs \$19.83 each
11.7" W x 7.7" D x 2.1" Rear Ht x 1.2" Front Ht, 5 lbs sh. #515-0950, \$29.16; 3 pcs \$24.50 each

Enclosure



Aluminum Enclosure by Motorola with 13.5" W x 5.1" H front panel. Ventilation holes on bottom. Adjustable handle. Less back cover. Overall 10.3" D x 16.3" W x 6" H,

10 lbs sh. Excellent Condition, #TDMA-1000, \$44.50

Saber / Astro Charger

Motorola NTN4734A Saber / Astro Battery Desktop Charger. Output 9.5VDC 1.5A. Requires 115 VAC 60Hz. It has been tested and is in good physical condition. With power cord. 6.5x7.6x3.3, 6 lbs sh.



#NTN4734A, Used, \$29.95
As above but less power cord. #4734A-NOCORD, Used, \$24.95

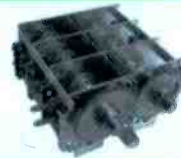
27.3VDC 7.5A Supply



27.3VDC 7.5 Amp Elpac Power Supply. Input is 115VAC 60Hz. Not Regulated. 5x8x3.9, 15 lbs sh. #BFS200-24, \$34.95

Air Variable

Tuning Capacitor Assembly for RT-66-67-68 transmitters. 6 sections; four 8-64pf, two 8-55pf. Also six 4-23pf trimmers. Dual geared 3/8" diameter shafts; 4.8x4.8x3, 3 lbs sh. #3D9067E6, Unused, \$10



RF Relay

Transco SPDT RF relay 82152-11300-75, 28 VDC coil. Connectors are similar to type N, but are 75 ohm. The connectors will not mate with type N. Two operation coils, one is marked "energize to close" and the other is marked "energize to open". 1 lb sh. #11300-75, Used excellent, \$85.00



Knobs

High Quality Large Knurled Knob with brush aluminum face. Overall 1 3/4" diameter. Accepts 1/4" diameter shaft. #RN-99A, \$1.89 each; 2 for \$3.09



As above except overall 1" diameter. #RN-99D, \$1.69 each; 2 for \$2.79

As above except overall 3/4" diameter. #RN-99F, \$1.29 each; 2 for \$2.29

1000V 1.1A Transformer



Very Nice Transformer for Audio Amplifier Construction. 1000 VCT 1.1 Amps. Black military grade transformer. Input voltage: Pri: 117 V 60 hz 175 Working Volts. Output voltage: Sec 1000 VCT 1.1 Amps 640 Working Volts. The 640 Working Volts means that you CANNOT use a full wave bridge to get 1100 volts DC. 5.5" x 6" x 7.75" H overall. 38 lbs. #1000V-1.1A, \$79.50

Torroidal Transformer

Torroid Transformer has dual 24VCT 8 amps outputs from 115V 60Hz input. With hardware & 2.3x8.8x5.6 chassis. Torroid 4.5" diameter x 1.5" height. 8 lbs sh. #BC-24V-ASSY, \$35.95



28.5V 35.7A Xformer



Sealed Transformer 28 Volt (not center tap) at 35.7 amps secondary. Primary is 115 Volts. 5.7x6.3x7.7, 43 lbs sh. Made by Walker Electrical. Unused, #35.7AMP, \$100.00

16.6VCT 6A Transformer

16.6VCT 6 Amp, 15.5VCT 250ma. Input 115VAC. Open Frame Epoxy Coated, 2.9x3.3x4.1, 6 lbs sh. #32-16.8V-6A, \$12.95



250 Volt Dynamotors



DY-86 Dynamotor. Input 25VDC 1.7 amps. Output 250VDC 85ma. Usable with ARC-5 rdios. Good substitute for DM-32. 6 lbs sh. Used, #DY-86, \$24.95

PE-86 dynamotor originally used on WW2 B-24 bombers to power BC-347 Intercom system. Power input 28 VDC 1.25 amps, output 250 VDC 60 ma. 5.3x3.3x4.8, 6 lbs sh. #PE-86, Used, \$19.95



Adjustable Supply

PP-1104A Power Supply, Output 11.5 to 17.5VDC (14VDC operation) at 100 amps or 23 to 35VDC (28VDC operation) at 50 amps. 8 equal step output voltage adjustment for either output. Requires 115 or 230VAC 60 Hz. Meters for volts and amps. Pilot light and circuit breakers. Louvers on sides and grilles in the back and bottom. Housed in metal cabinet 13.3x22.3x27.6. 215 lbs sh. #PP-1104A, Unused, \$350.00



Transponder

BC-645 Airborne Interrogator Transponder covering 460 to 490MHz. 15 tubes. Part of SCR-515. Receiver IF is 40 MHz. Transmitter is a tuned-line oscillator which operates on either of 2 pre-adjusted frequencies in the range 435 to 500 MHz. Powered by PE-101 (Not Available) from either 12 or 24 volts. 13.5x10.5x4.8, 20 lbs sh. #BC-645, Unused, \$79.50



Geiger Counter

CDV-700 Radium Set Geiger Counter is portable, battery powered (size "d" common flashlight batteries), transistorized geiger-muller tube as the detector. The three operating ranges of the instrument are ; x1 0-.5 mr/hr, x2 0-5 mr/hr, x3 0-50 mr/hr. You can view the complete manual, for free, including circuits and detailed troubleshooting, at: <http://www.orau.org/ptp/museum/library.htm#civildefensemanuals>. 8.8x4.5x6.8, 7 lbs sh. #CDV-700, Used, \$110.00 each



10KV Capacitor

High Voltage Axial Capacitor 0.01 mfd 10,000 volts Made by Dearborn. 5/8" diameter x 2 1/4", #430P, New, \$4.00 each; 3 / \$10.00





WORLD'S FINEST
SURPLUS
 ELECTRONIC
 BARGAINS

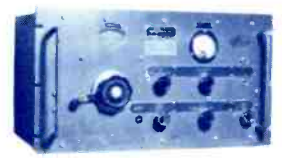
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 Many New Items!**

Our 22nd Year

Catalog No. 69

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RECEIVER
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TRANSMITTER
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RECEIVER-TRANSMITTER
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SIGNAL GENERATOR
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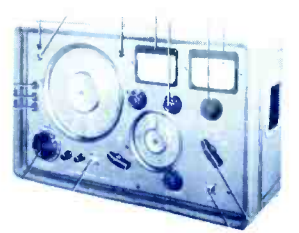
TRANSMITTER-RECEIVER
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RADAR SET
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SIGNAL GENERATOR
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FAIR RADIO SALES CO.

Area Code 419
223-2196

1016 East Eureka Street
 BOX 1105, LIMA, OHIO 45802

FAIR RADIO SALES

1016 E. EUREKA

BOX 1105, LIMA, OHIO 45802

TEL: AREA CODE 419 223-2196

STORE HOURS

9:00 A.M. TO 5:30 P.M.
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TERMS

PRICES NET, F.O.B. LIMA, O.
SEND CASH, CHECK or MONEY
ORDER with PURCHASE ORDER

MINIMUM ORDER \$3.00. Orders
less than \$3.00 ADD \$.50
HANDLING CHARGE.

Include sufficient money
for shipping charges. (UNUSED
PAYMENTS RETURNED AT ONCE.)
Otherwise we will send ship-
ping charges collect.

C.O.D. ORDERS, SEND 25% of
PURCHASE with ORDER. BALANCE
will be COLLECTED UPON DEL-
ivery.

When writing for information
PLEASE state what specific
information you desire.

GENERAL ELECTRIC
DW-52 2 1/2" D.C.
AMP. METER 0-100
SCALE, 0-1.2 F.S.
F/BC-604, 684 NEW
USED \$1.95 \$2.95

GENERAL ELECTRIC

0-15 VAC A0-22 3 1/2" RD \$3.95
0-150 VDC D0-41 3 1/2" RD 3.95
0-200 VDC D0-41 3 1/2" RD \$3.95
0-1.5 KV D0-41 " \$3.95
(0-1 DC MA MOVEMENT)
0-20 RFA D0-44 3 1/2" RD \$3.95

WESTERN ELECTRIC

WE#157807 3 1/2" RD
0-200 D.C. MICRO-
AMPERES \$4.95

I-139 TEST
METER FOR
SCR-522 RADI
USED FOR ALL
INMENT & SETT
ING CHANNELS
0-1 MA
METER
WITH CORD & PLUG.
SIZE: 3x3x2 WT: 2LB. \$6.95

WESTON

PANEL
METERS

MODEL 301 A.C. VOLTS 3 1/2" RD
0-25 0-50 0-75 0-80 0-150
EACH METER \$6.95

MODEL 301 D.C. VOLTS 3 1/2" RD
0-80 0-150 0-200 0-250
0-300 0-350 0-500
\$6.95 EACH

MODEL 301 D.C. VOLTS 3 1/2" RD
15-0-15 300-0-300
\$6.95 EACH

MODEL 301/476 DC AMPS 3 1/2"
0-5 0-30 \$6.95
SPECIFY OTHER NEEDS

MODEL 301 D.C. M.A. 3 1/2" RD
0-50 0-70 0-100 0-150
0-200 PRICE: \$6.95

MODEL 301 3 1/2" RD SHUNT REQ.
20,000 OHMS PER VOLT VDC
100/20-0-100/20
200/20-0-200/20 \$6.95
10-0-10 " " " EACH

2000 OHMS PER VOLT
300-0-300 vdc 0-10/100 vdc



VOLTMETERS

- 0-150 AC Round flush type for 2-1/8" hole, Bakelite case. Westinghouse type NA-33, 25 to 125 cycles. Signal Corps No. 3FB150-69 6.25
- 0-300 AC 3" round flush type, bakelite case, Simpson and General Electric Mfg. Signal Corps No. 3FB300-28 7.50
- 0-15 AC-DC Voltmeter 2 1/2" RD. USED NO. TS-122 2.95
- 0-30 DC Round flush type, for 2 1/2" hole. General Electric Mfg. Model 85W53AAL. Stock No. 2DA7 5.75
- 0-300 DC Round flush type, bakelite case, shielded, for 2 1/2" hole. Sun Mfg. Model 2AU346. Stock No. 159E-12 5.75

MILLIAMMETERS

- 50-0-50 DC 3" round flush type, bakelite case. Sangamo and Weston model 30L. Signal Corps No. 3F3327 6.25
- 0-100 DC 3" round flush type, bakelite case. De-Jur model 310. Signal Corps No. 3F910-1 6.95
- 0-800 DC 3" round flush type, bakelite case, calib. for 1/8" steel panel. Signal Corps No. 3F980-2 6.95

R.F. METERS

- 0-10 AMPS 2-3/4" flange, for 2 1/2" hole, bakelite case. Weston model 507, Signal Corps No. 3F1010-24 5.95
- 0-1 AMPS 3" round flush type, bakelite case, Triplett model 0341-T or Weston model 425. Signal Corps No. 3F1001-31 6.25
- 0-100 MA For 2-1/8" hole, metal case. Calib. for 1/16" steel panel, with Thermocouple. General Electric model AAN21, type DW-52. Signal Corps No. 3F912 5.50

AMMETERS

- 0-30 DC 3" round surface mounting. Roller-Smith type TDS. Signal Corps No. 3F1030-9 6.95
- 0-30 DC 2" round flush type, metal case. Hoyt Meter Co. No. HL7-3, scale has marking for 12 volt and 6 volt. Signal Corps No. 3F1030-22 5.50
- 0-1.5 DC Milliamp. Tube checker scale 2 1/2" flush mtg. P/O I-56A W.No. 685-2 2.95



PHASTRON CLEAR PLASTIC CASE 50 MICRO AMP D.C. 0-5 SCALE, 3 1/2" #715-16-20 \$4.95

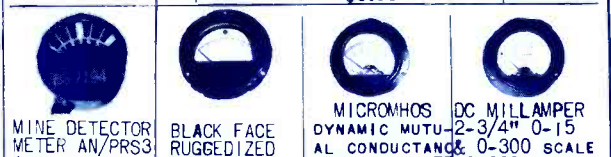
DC AMPERES 3 1/2" RD 0-300 SCAL USE W/SHUNT 50 MV/200 A

R.F. AMPERES 2 1/2" RD 0-5 SC. SIMPSON #136 \$3.95

500 MICROAMPS. D.C. RES. 300 OHM DC. 1 1/2" SQ. 1-3/8" MTG. DEJUR MOD. 112 STK #3F3312-6.6 \$4.95

WESTON-M-643 ORD #173030 \$6.95

R.F. AMPERES 2 1/2" RD. 0-9 SC. CAY-22239A \$3.95

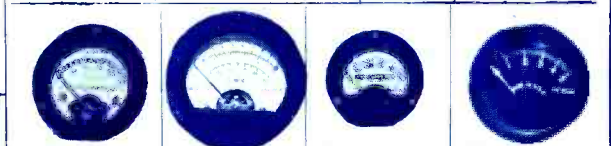


MINE DETECTOR METER AN/PRS3 ARBITRARY SC. 0-6, 1000 CY. 400-1000 UA FOR FULL SC. LUMINOUS, 2" #3F3312-20.2 \$4.95

BLACK FACE RUGGEDIZED 0-50 DCV 2 1/2" RD. MARKHAM #MR265050DCV \$3.95

MICROMHOS DC MILLIAMPER 2-3/4" 0-15 AL CONDUCTANCE 0-300 SCALE USED IN I-177 TUBE CHECKER BASIC 0-1.4 .35 OHM USED W/BC-669 VARIOUS MFG. STK #3F930-14 \$4.95

HICKOK #M547A STK #3F1350 \$4.95

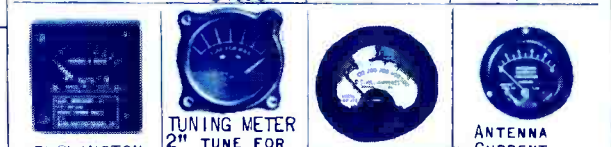


HOYT DC VOLTMETER 0-150 3 1/2" RD. #17L/5117-3855 \$3.95

GAR ELEC. F.S - 100 UA SCALE 1-3/3-10 & MODS-50 2 1/2" RUGGEDIZE GAR METER 260 \$4.95

WESTINGHOUSE DC MICROAMP. 0-500 2 1/2" RD NX-33 #46641-1 \$3.95

50 MICROAMP. 0-5 SCALE 1 1/2" SINGLE HOLE MOUNTING INTERNATIONAL #420-63-0251 \$4.95

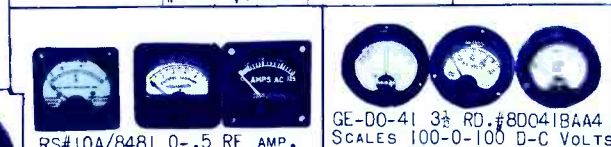


TUNING METER 2" TUNE FOR MAX. SCALE. 2 MA. RIGHT, 5 MA. LEFT. 5 OHM DC RES. USED IN RADIO COMPASS REC. #1-70 \$1.50

BURLINGTON MODEL 311 Hug 900305 1 1/2", 0-5sc FS-50 UA #6625-519-2955 \$2.95

DC MICROAMPERE 0-200 SCALE TRIPLET 2 1/2" MR25W-000CUA MODEL 221 T \$3.95

ANTENNA CURRENT INDICATOR 0-10 RF W/ THERMOCOUPLE WESTON 507 F/BC-442 USED \$1.25



RS#10A/8481 0-.5 RF AMP. SCALE, RES. 0-7 OHM. 2 1/2" SC. W/ THERMO \$3.95

SUN MODEL #3X SPEC. 3 1/2" RD. SCALES 100-0-100 D-C VOLTS 300-0-300 D-C AMPS. PRICE: \$5.95 W/SHUNT & INS

SIMPSON D.C. MILLIVOLT 4 1/2" sq. 0-100 SCALE #29 \$5.95



GE AC AMMETER 0-125 SCALE 0-1 A 400 CYCLE MOVE. 2" sq #2319-6625-649-1982 N \$3.95

MARTON D.C. VOLTMETER 2 1/2" RD SEALED, 18-36 SCALE DIRECT HS-2/414A NEW \$3.95

WESTON A.C. VOLTMETER 2 1/2" RD RUGGEDIZED, 0-300 SCALE DIRECT READ. #1526 3F8300-72 \$3.95



GE MILLIAMPERES A.C. 2 1/2" RD FS-1.5 MA No. DW-46/60953 0-250 SCALE USED \$3.95 0-500 " " \$3.95 0-750 " " \$3.95

WESTON R.F. AMPERES 3 1/2" RD. 0-8 sc. #CV-22030/425 \$5.95

WEST. STYLE 1207007 3 1/2" RD SCALE 0-500 DC MILL FS-1MA USN#CAY22067/NX-35 \$3.95

WEST. STYLE 1207009 3 1/2" RD SCALE 0-400 DC VOLTS FS-1M USN#CAY22143/NX-35 \$3.95

WEST. STYLE PH68283 3 1/2" RD TOTAL HOURS IN THDS-HOS-TENS-TENTHS-UNITS 11 VOLTS 60 CYCLE USN#CAY22148/NH35 PRICE: \$12.95

HICKOK 3 1/2" RD MATCHED METERS #46 0-500 D.C. AMPS. \$3.95 #47 0-500 A.C. " \$3.95 #47 0-100 A.C. VOLTS \$3.95

WESTINGHOUSE

WESTINGHOUSE NX-35 0-1500 D.C. AMPS. FB-50 MV. REQ. 1500 AMP. 50 MV SHUNT. 3 1/2" RD. \$3.95

D.C. MILLIAMMETERS TYPE NX-35 3 1/2" RD. 0-50 0-100 PRICE: \$3.95 EACH

0-15 R.F. NX-35 3 1/2" RD \$3.95

0-1 VA MOVEMENT NX-35 3 1/2" RD 0-2 KILOVOLT DC SCALE 0-20 " DC " REQUIRE EXTERNAL SHUNTS PRICE: \$3.95 EACH.

D.C. AMPERE METER 0-150 SCALE, 0-15 MA. MOVEMENT SHUNT REQUIRED, 2 1/2" WEST #12058528 \$1.95

INTERNATIONAL SCALE 0-5/25 FS-200 UA, 1 1/2" HOLE MTG. MARK YDS X 1000 \$2.95 NEW #6625-519-7432

HOYT D.C. AMPERE METER 0-15 SCALE IMPROVED TYPE IN PORTABLE METAL CASE WITH TEST LEADS. 5 1/2 x 6 1/2 x 2 1/2" WT. 3LB. #17A5200 \$3.95

MULTIMETER USED TO TEST AIRCRAFT CIRCUITS. FULL-SCALE 100 UA. ±10% OHMS WT. 3 LBS. USAF-5200-474900 \$4.95

WESTON MODEL 643 3 1/2" FACE, 4 1/2" MTG 2" DEEP, 2 1/2" TERM #175606 0-50 VOLTS D.C. \$12.95

No. 16184 D.C. AMPERES SCALE 30-0-100 REQ. 50 MV SHUNT \$12.95

WESTON MODEL 506 2 1/2" RD. 0-1 AC AMPS. \$3.95 0-20/0-100 DCMA 3.95 0-500 VDC 3.95 0-5 DCKV FS-1 MA. 3.95

D.C. VOLTMETERS 4 1/2" SQUARE VARIOUS MFG. SPECIFY SCALE 0-5; 25; 30; 50; 100; 150 \$4.95

WESTON PANEL METERS

MODEL 301 A.C. VOLTS 3 1/2" RD 0-25 0-50 0-75 0-80 0-150 EACH METER \$6.95

MODEL 301 D.C. VOLTS 3 1/2" RD 0-80 0-150 0-200 0-250 0-300 0-350 0-500 \$6.95 EACH

MODEL 301 D.C. VOLTS 3 1/2" RD 15-0-15 300-0-300 \$6.95 EACH

MODEL 301/476 DC AMPS 3 1/2" 0-5 0-30 \$6.95 SPECIFY OTHER NEEDS

MODEL 301 D.C. M.A. 3 1/2" RD 0-50 0-70 0-100 0-150 0-200 PRICE: \$6.95

MODEL 301 3 1/2" RD SHUNT REQ. 20,000 OHMS PER VOLT VDC 100/20-0-100/20 200/20-0-200/20 \$6.95 10-0-10 " " " EACH

2000 OHMS PER VOLT 300-0-300 vdc 0-10/100 vdc

GE DO-41 3 1/2" RD. #80041BA44 SCALES 100-0-100 D-C VOLTS 300-0-300 D-C AMPS. PRICE: \$5.95 W/SHUNT & INS

SUN MODEL #3X SPEC. 3 1/2" RD. SCALES 0-35 & 0-350 FS-1MA #3F8350 D.C. VOLTS \$3.95

SIMPSON MODEL 55 3 1/2" RD. SCALE 0-150 VOLT 60 CYCLE PRICE: \$4.95

WEST. STYLE 1207007 3 1/2" RD SCALE 0-500 DC MILL FS-1MA USN#CAY22067/NX-35 \$3.95

WEST. STYLE 1207009 3 1/2" RD SCALE 0-400 DC VOLTS FS-1M USN#CAY22143/NX-35 \$3.95

WEST. STYLE PH68283 3 1/2" RD TOTAL HOURS IN THDS-HOS-TENS-TENTHS-UNITS 11 VOLTS 60 CYCLE USN#CAY22148/NH35 PRICE: \$12.95

HICKOK 3 1/2" RD MATCHED METERS #46 0-500 D.C. AMPS. \$3.95 #47 0-500 A.C. " \$3.95 #47 0-100 A.C. VOLTS \$3.95

RS#10A/8481 0-.5 RF AMP. SCALE, RES. 0-7 OHM. 2 1/2" SC. W/ THERMO \$3.95

SUN MODEL #3X SPEC. 3 1/2" RD. SCALES 100-0-100 D-C VOLTS 300-0-300 D-C AMPS. PRICE: \$5.95 W/SHUNT & INS

SIMPSON D.C. MILLIVOLT 4 1/2" sq. 0-100 SCALE #29 \$5.95

GE AC AMMETER 0-125 SCALE 0-1 A 400 CYCLE MOVE. 2" sq #2319-6625-649-1982 N \$3.95

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WESTON A.C. VOLTMETER 2 1/2" RD RUGGEDIZED, 0-300 SCALE DIRECT READ. #1526 3F8300-72 \$3.95

GE MILLIAMPERES A.C. 2 1/2" RD FS-1.5 MA No. DW-46/60953 0-250 SCALE USED \$3.95 0-500 " " \$3.95 0-750 " " \$3.95

WESTON R.F. AMPERES 3 1/2" RD. 0-8 sc. #CV-22030/425 \$5.95

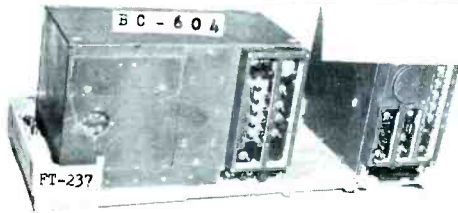
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HICKOK 3 1/2" RD MATCHED METERS #46 0-500 D.C. AMPS. \$3.95 #47 0-500 A.C. " \$3.95 #47 0-100 A.C. VOLTS \$3.95

FM



BC-604 TRANSMITTER

FREQ. RANGE 20-27.9 MC OUTPUT APPROX. 30 WATT. 10 CRYSTAL CONTROLLED CHANNELS. FREQ. 54 TIME CRYSTAL FREQUENCY. 12 VOLT DC OPERATION WITH DM-35 DYNAMOTOR. 24 VOLT DC OPERATION WITH DM-37 DYNAMOTOR. BATTERY DRAIN 20A. ON 12 VOLT TUBE LINEUP; 1619 DOUBLER, 1619 TRIPLER, 1619 1ST RF AMPLIFIER, 1619 RF RECTIFIER, 1624 POWER AMPLIFIER. SIZE: 18" L x 11 1/2" H x 10 3/8" D. WT: 60 LBS. LESS DYNAMOTOR. RE-NEW \$7.95

BC-684 TRANSMITTER SAME AS BC-604 FREQUENCY RANGE 27 TO 39.1 MC USED \$6.95

BC-603 RECEIVER

BC-603 RECEIVER F.M 20-27.9 MC CONTINUOUS TUNING & 10 PRESET PUSH BUTTON CHANNEL SELECTOR. WITH SENSITIVITY SQUELCH & VOLUME CONTROLS, 2 WATT OUTPUT TO SELF CONTAINED SPEAKER, ONE (1) MICROVOLT SENSITIVITY, 2.65 KC I.F. 10 TUBES 3/6AC7, 1/6J5, 2/12SG7, 2/6SL7, 1/6H6 & 1/6V6GT. VOLTAGE REQUIRED 12/24 VOLTS FOR FILAMENTS, 220 VDC @ 80 MA. FOR HIGH VOLT SIZE: 11 1/2 x 6 1/2 x 12 1/2; WT: 35 LBS. USED \$22.95 ..CHECKED FOR OPERATION \$32.95

CONVERTED 30-45 MC \$44.95

FOR BEST RESULTS ORDER SPECIFIC FREQ. DESIRED AC POWER SUPPLY FOR BC-603; NO CONVERSION NEEDED EXCEPT TO ADD SWITCH. (INSTRUCTIONS SUPPLIED. WIRED \$14.95 KIT OF PARTS \$11.00 DYNAMOTORS; DM-34 12VDC, DM-36 24VDC N \$4.95

FT-237 MOUNTING BASE RE-NEW \$7.95

SHOCK MOUNT BASE TO HOLD ONE BC-924 TRANSMITTER AND ONE OR TWO BC-923 RECEIVER OR, ONE BC-603 RECEIVER. SOCKETS ON THE BASE WILL MAKE ALL OF THE NECESSARY CONNECTIONS TO THE SETS. TERMINAL BLOCK MOUNTED ON THE BASE FOR REMOTE CONTROL CABLE. WT: 44 LBS SIZE: 11 3/4" W x 1 3/4" H x 33 5/8" L.

IDENTIFICATION SET

RT-82/APX-6 RADAR IDENTIFICATION SET RECEIVER-TRANSMITTER COVERING RANGE OF 950-1150 MC. IF FREQ. 59.5/1.5 MC. (CAN BE CONVERTED TO 1215 MC. GST FEB. '61, SEPT. '60; 1296 MC. GST JUNE '61) WITH (30) TUBES 6/6J6, 1/6AS6, 1/3E29, 3/6AL5, 1/5Y3, 2/3B24, 3/6AL5, 2/12AU7, 1/6AK5, 1/2CA2, 1/2C46, 1/1B40, 1/1N-43, 1/1N-25. DIGIT COUNTERS ON TUNERS FOR TRANS-REC-LO FREQ. CONTROLS. VOLTAGE REQUIRED 24 AND 115 400/800 CYCLE. SIZE: 13x13x10; WT: 45 LBS. PRICE: GOV'T RE-CONDITIONED \$45.00

METERS

"S" UNITS DB METER 0-1 MOVE. SCALES 0-5 0-10 0-x30 SIZE: 1 1/2 x 1 1/2 x 1 1/2 #J-SR-2P \$1.95

RELATIVE POWER DB METER 0-1 MA. MOV SCALES 0-5 & 0-30; SIZE: 1 1/2 x 2 #J-715 \$1.95

SIMPSON METER PERCENT SCALE -10-0--10 100 MICROAMP MOVEMENT. CAN BE MOUNTED VERT. OR HORIZ 5/8" x 2 1/2" SCALE. 3 1/2" DP. NEW #8439739 \$5.95

RELATIVE POWER DB METER 0-1 MA. MOV. 0-10 & 0-30 DB SCALE. SIZE 7/8 x 2" MTG. #J-V-303 2H \$1.95

TRANSMITTERS-RECEIVERS

R-114/VRC-4 RECEIVER AM CRYSTAL CONTROL ON FOUR CHANNELS IN THE 1.7 TO 8.7 MC BAND, ONE TUNEABLE BAND OF 190 TO 510 KC. IF FREQ. 525 KC. FOR PHONE AND CW USE. WITH TUBES 4/6SK7, 1/6K8, 2/6SC7 & 1/6K6. VOLTAGE REQUIRED 6 V. FOR FIL. AND 220 VDC 80 MA. SIZE: 15 1/2 x 11 x 14 1/2; WT: 80 LBS. RE-NEW \$29.95

MP-28 MODULATOR & DYNAMOTOR FOR TA-12 TRANSMITTER. BLASS "B" OUTPUT 40 WATTS, WITH TUBES 2/807, 1/6N6 & 1/6N7. DYNAMOTOR 24VDC 14.8 A. OUTPUT 540 VDC 450 MA. SIZE: 12x12x12; WT: 30 LB. MP-28 MOD. W/DYN. UNUSED \$14.95 " " " LESS " " 9.95

TA-12 TRANSMITTER 40 WATT PHONE, CW & MCW FOUR CHANNEL 300-600 & 3000-7000 KC. VFO OSCILLATOR EACH CHANNEL HAS OWN OSC. USING 12SK7 & 807 FINAL 2/807 PUSH-PULL (SEE S.R CONV#2) U \$29.95

R-316/ARR-26 RECEIVER 162.25 - 173.5 MC. FM DESIGNED TO RECEIVE SONOBUOY SIGNALS ON 16 PRE-SET CHANNELS. WITH TUBES 1/6J6, 2/6AL5, 1/6AS7, 1/6AU6, 1/12AU7, 1/12AV7 & 4/6AK5. NO POWER SUPPLY, REQUIRES 280 VDC @ APPROX. 125 MA. AND FILAMENT VOLTAGES. OUTPUT OF THE SET USES A 12AU7 IN A CATHODE FOLLOWER CIRCUIT WHICH IS SUFFICIENT FOR HEAD SET. (SCHEMATIC AND CONVERSION INFORMATION FOR 145-175 MC SUPPLIED WILL INCLUDE ADDITION OF AUDIO, SQUELCH AND 115 VOLT 60 CYCLE POWER SUPPLY CIRCUITS.) SIZE 5x8x17; WT: 13 LBS. PRICE: USED \$22.95

BC-788C RECEIVER-TRANSMITTER ALTIMETER, PULSE TYPE, TRANSMITTER OUTPUT 50 WATTS. FIXED FREQUENCY 440 MC. WITH TUBES 3/6J6, 1/6L6, 9/6AG5 AND 1/5Y3GT OPERATES FROM 115 VOLT 400 TO 2400 CYCLE. SIZE: 15 1/2 x 9 x 8; WT: 13 LBS. PRICE: USED \$18.95

LORAN SET

ID-6B/APN-4 INDICATOR

R-9B/APN-4 RECEIVER

AN/APN-4 RADIO SET; CONSISTS OF THE 2 MAIN UNITS DESCRIBED BELOW MAKES A EFFECTIVE LORAN NAVIGATIONAL SYSTEM TO DETERMINE YOUR GEOGRAPHIC POSITION IN RELATION TO THE SENDING STAT.

R-9/APN-4 RECEIVER; DESIGNED TO OPERATE AT ANY FOUR PRESET FREQ. IN TWO R.F. BANDS, 3 FREQ. IN THE RANGE OF 1.6 TO 3.3 MC AND ONE FREQ. IN THE 7.58 & 11.75 MC. THE VIDEO PULSE RECEIVED FROM THE TRANS, ARE FEED TO THE INDICATOR AND INTERPERTED BY THE OPERATOR. POWER REQ. 80 OR 115 V. 400 OR 2400 CYCLE. WITH TUBES 1/VR-105, 1/6SN7, 2/2X2, 1/5U4, 3/6R4G, 1/6H6, 1/6SA7, 1/6SJ7, 4/6SK7, 1/6SL7. SIZE: 9x8x20; WT: 25 LBS. UNUSED \$24.95

ID-6/APN-4 INDICATOR; RECEIVES THE PULSES FROM THE REC. AND DISPLAYS ON THE 5" CR TUBE 5CP1 CONTROLS ARE PROVIDED ON THE FRONT PANEL FOR COARSE, FINE, GAIN, AMP. BALANCE, ALSO 8 POSIT. SW. CRYSTAL PHASING, FOCUS, INTENSITY ETC. POWER REQUIRED FOR FILAMENT TRANSFORMER IS 115 OR 80 V. 400 OR 2400 CYC. HIGH VOLTAGE IS OBTAINED FROM THE R-9 RECEIVER POWER SUPPLY WITH TUBES 5CP1, 8/6H6, 1/6SJ7, 3/6SL7, 14/6SN7. SIZE: 9x12x20; WT: 35 LBS. PRICE: USED WITH TUBES \$29.95 LESS TUBES \$18 CONNECTOR PLUGS PL-167 REC. INPUT, PL-171 FOR INDICATOR TO RECEIVER PL-171 EACH PLUG \$1.50

R-65/APN-9 LORAN RECEIVER INDICATOR AS USED IN AIRCRAFT AND BOATS. PROVIDES ACCURATE MEANS OF DETERMINING POSITION OF FIXED SHORE TRANSMITTING DIRECTION STATIONS WHEN OTHER MEANS ARE INEFFECTIVE. CONSISTS OF A RECEIVER OPERATING IN THE MARINE BAND WITH 3" CR TUBE INDICATOR FOR PRESENTATION OF THE RECEIVED SIGNALS. OPERATES FROM 24 VDC & 115 V 400-800 CYCLE. W/TUBES, LENSE, CRYSTAL. SIZE: 9 1/2 x 12 1/2 x 30 1/2; WT: 40 LBS. USED \$69.50

AM

COMPASS SYSTEM



REMOTE READING MAGNESYN COMPASS SYSTEM AIRCRAFT TYPE. CONSISTS OF A MAGNESYN COMPASS THAT TRANSMITS TO A 3" INDICATOR THAT IS CALIBRATED IN DEGREES --- N-S-E-W AND IS OPERATED BY THE 12 VOLT D.C INVERTER THAT IS SUPPLIED WITH THE SET. SHOG. WT: 15 LBS. PRICE WITH TRANSMITTER, INDICATOR, INVERTER AND MANUAL... \$34.95

TARGET TRANS.

BC-655 TARGET TRANSMITTER 17.5 TO 158 MC IN 3 BANDS, BATTERY OPERATED REQUIRES 1.5 VDC AND 90 VDC, TONE MODULATED, LOW POWER WITH TUBES 1/958 & 1/1A5 GT, ALSO 0-200 DC MICROAMMETER, PROVISIONS FOR MTG. TELESCOPING WHIP ANTENNA, WHICH IS NOT SUPPLIED ALSO PROVISIONS FOR MOUNTING ON TRIPOD. SCHEMATIC AND FREQ. SETTING CHART INCLUDED. SIZE: 5 1/2 x 9 x 7; WT: 12 LBS. PRICE: WITH TRIPOD UNUSED \$18.95

CARRIER MONITOR

WHEN COUPLED TO TRANSMISSION LINE PROVIDES DC/AUDIO CURRENT TO LOCAL OR REMOTE POSITION. TWO VACUUM CAPACITORS 3 MMFD 15 KV. ARE SUPPLIED FOR 500 TO 50M WATT TRANSMITTER 2 TO 30 MC. INPUT/OUTPUT IMPEDANCE 600 OHM LINE. OPERATES 115/250 V 60 CYC. WITH TUBES 1/6AL5, 1/6X4, 1/6J6, 1/V103. ALSO OUTPUT JACKS ETC. OUTPUT JACKS & CONTROLS. P/N 1028017; SIZE: 6X6 1/2 X 8 1/2; WT: 15 LBS. PRICE: UNUSED \$8.95 LESS 2 VACUUM COND. \$5.95

TELEPHONE REMOTE CONTROL; WITH HANDSET. UNIT HAS 2 MIC. AND 1 REC. INPUT W/ CONNECTIONS AT TERMINAL BOARD FOR KEYS. AUDIO OUTPUT 1.3 WATTS INTO 600 OHM LINE. CAN BE USED FOR INTERCOM. WITH TUBES 2/35L6 & 1/35Z5. POWER REQ. 115 V. 25/60 CYC OR 115 V. 60 CYC. SPARE TUBES RES. COND. ETC. #CAY-23304 SIZE: 13x12x11 1/2; WT: 55 LBS. UNUSED \$16.95

RECEIVER 100-156 MC

BC-639 RECEIVER 100-156 MC, AM OR CW, CONTINUOUS TUNING OVER THE ENTIRE BAND. CONTROLS FOR CW TONE, AVC-MANUAL-CW, RF & AUDIO GAIN, ATTENUATION, SENSITIVITY ETC. ALSO TUNING METER AND PHONE JACKS. WITH TUBES 1/6SC7, 1/6K6, 1/9002, 3/9003 AND 4/6SG7. SEPARATE RA-42 POWER SUPPLY THAT SUPPLIES THE NECESSARY VOLTAGES AND OPERATES FROM 115/230 V. 60 CYCLE. BOTH UNITS ARE DESIGNED FOR 19" RACK MOUNTING, REC. HEIGHT 10 1/2", P-S 7" WT; BOTH UNITS 75 LBS. CONDITION, USED. PRICE: \$65.00 CHECKED FOR OPERATION \$10 EXTRA

RECEIVER 1.5 - 18.5 MC

R-105/ARR-15 RECEIVER; DESIGNED FOR NAVAL AIRCRAFT COMMUNICATION IN THE 1.5 TO 18.5 MC IN SIX BANDS WITH MULTICHANNEL PRESET FREQ. OR VARIABLE CONTINUOUS TUNING FOR AM VOICE, CW AND MCW RECEPTION, THE SET MAY BE OPERATED MANUALLY OR ELECTRICALLY ON ANY TEN PRESET CHANNELS BY USE OF THE AUTOTUNE. ALL CONTROLS ARE ON THE FRONT PANEL. WITH TUBES 1/12A6, 3/12SJ7, 1/12H6, 2/12SL7 & 5/12SG7. VOLTAGE REQUIRED 24/28 VOLT DC FOR FILAMENTS, MOTOR, RELAYS AND DYNAMOTOR THAT HAS A OUTPUT OF 220 VDC @ 95 MA. SCHEMATIC \$1.00 SIZE: 8x10 1/2 x 21 1/2; WT: 50 LBS. PRICE: USED \$65.

BC & ARC COMMAND SETS

THE COMMAND SET SERIES OF TRANSMITTERS AND RECEIVERS HAVE BEEN POPULAR FOR MANY YEARS ON THE SUPPLUS MARKET.

THE SERIES CONSISTS OF SEVERAL SEPARATE UNITS COVERING THE FREQUENCY RANGE OF 190 KC TO 9.1 MC FOR THE RECEIVERS AND 2.1 TO 9.1 MC FOR THE TRANSMITTERS.

IF YOU ARE NOT FAMILIAR WITH THE CONVERSION OF THIS EQUIPMENT IT IS SUGGESTED THAT YOU PURCHASE CONVERSION MANUAL COVERING THE SET.

CQ SURPLUS CONVERSION MANUAL, WHICH INCLUDES COMMAND SETS IS AVAILABLE FROM US FOR \$3.00 (FOR OTHER CONVERSION MANUALS SEE PAGE 21)



THE RECEIVERS ARE SIX TUBE SUPERHETERODYNE WITH THE FOLLOWING TUBE LINE-UP: 1/12A6, 1/12K8 3/12SK7 & 1/12SR7.

DESIGNED TO OPERATE WITH THE USE OF A DM-32 24 VOLT D.C. DYNAMOTOR WITH A OUTPUT VOLTAGE OF 250 VDC @ 60 MA. ALSO REQUIRES 24 VOLTS FOR FILAMENTS. THE SET WAS TUNED FROM A REMOTE POSITION BY THE USE OF A FLEXIBLE SHAFT AND CONTROL BOX. SIZE: 5x5x11; WT: 12 LBS.

BC-453 190 to 550 KC USED \$16.95

BC-454 3.0 to 6.0 MC Gov't RE-COND 19.95

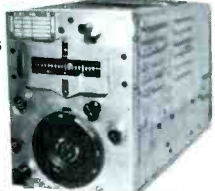
BC-454 3.0 to 6.0 MC USED 16.95

BC-455 6.0 to 9.1 MC Gov't RE-COND 14.95

R-25/ARC 1.5 to 3.0 MC UNUSED 19.95

R-28/ARC-5 100 to 156 MC CRYSTAL CONTROL ON FOUR PRE-SET CHANNELS WITH 24 VDC MOTOR, NOT CONTINUOUS TUNING. USES SAME VOLTAGE BUT DIFFERENT TUBES. SEE CONVERSION MANUAL FOR DETAILS TO MAKE CONTINUOUS TUNING. USED \$22.95

THE TRANSMITTERS WITH PROPER USE CAN PUT OUT 50 WATTS CW AND 30 WATTS ON PHONE. MODULATION IS OBTAINED FROM SEPARATE UNITS, BC-456 FOR SINGLE TUBE MOD. AND MD-7 FOR PUSH-PULL MOD. THE DM-33 DYNAMOTOR IS USED TO SUPPLY THE VOLTAGES AND IS MOUNTED ON THE MODULATOR. VOLTAGES REQUIRED 575-600 VDC @ 175-200 MA. AND 24 VOLTS. WITH TUBES 2/1625 & 1/1626 & 1/1629 MAGIC EYE TUBE FOR TUNING AND CRYSTAL FOR CALIBRATION. SIZE: 5x7x12; 12LBS



T-18/ARC-5 2.1 to 3.0 MC USED \$9.95

CBY-52232 NAVY 2.1 to 3.0 MC LESS

ANTENNA INDUCTANCE VARIABLE COIL USED 4.95

BC-696 3 to 4 MC Gov't RECONDITIONED 14.95

T-20/ARC-5 4.0 to 5.3 MC USED \$6.95 NEW 9.95

T-21/ARC-5 5.3 to 7.1 " " 6.95 NEW 9.95

T-22/ARC-5 7.0 to 9.1 " " 18.95

T-23/ARC-5 100 to 156 MC AM USING 832 TUBES (2) AND 1625 (2), FOUR PRE-SET CRYSTAL CONTROL CHANNELS, COMPANION TO R-28 REC. FOR CONVERSION SEE CC MANUAL. \$24.95

BC-456 MODULATOR FOR USE WITH COMMAND TRANSMITTERS, SINGLE TUBE MODULATION WITH TUBES 1/1625, 1/12J5GT AND 1/VR-150. HAS PROVISIONS FOR MOUNTING DM-33 DYNAMOTOR. SIZE: 7x8x10; WT: 11 LBS. U. \$3.95

POWER SUPPLY FOR COMMAND RECEIVERS 115 VOLT 60 CYCLE IN CABINET WITH SPEAKER, SPEAKER, VOLUME CONTROL, CW SWITCH, HEADPHONE JACK AND CONNECTOR PLUG FOR SINGLE RECEIVER. SEE PAGE 20. PRICE: 19.95

SPIN TUNING KNOB FOR RECEIVERS \$1.00

DM-32 DYNAMOTOR 24 V FOR REC. UNUSED 4.95

35x032 " 12 V " " 4.95

C-26/ARC CONTROL BOX FOR ONE REC. USED 2.00

BC-496 " " " TWO " " 1.95

BC-450 " " " THREE " " 2.50

BC-451 " " " ONE TRANS. " 1.95

BC-473 " " " ONE REC. " 2.00

CONNECTOR PLUGS F/REC. OR TRANS. " 1.50

FLEXIBLE SHAFTS MC-215 FOR COMMAND EQUIPMENT 6 FT. \$1.50 EACH ADDITIONAL FT. 25¢ EXTRA.

MOUNTING-RACKS-FLEXIBLE SHAFTS
 FT-234 ONE COMM. TRANS RACK 1.50
 FT-226 TWO " " 2.00
 FT-220 THREE " REC. " 2.50
 FT-225 MODULATOR RACK 1.50
 MT-68 ONE TRANS. SHOCKMTG 1.00
 FT-227 TWO " " 1.50
 FT-228 ONE MOUNTING BC451 1.50

RECEIVERS & TRANSMITTERS



BC-620 RECEIVER TRANSMITTER F.M. 20 to 27.9 MC. CRYSTAL CONTROL ON ANY TWO PRESELECTED FREQ. IN THE RANGE. USES FT-243 CRYSTALS, ONE SUPPLIE POWER OUTPUT APPROX. 3 WATTS WITH PHONE & MIC JACKS, (NO SPEAKER) TEST METER, VOLUME CONTROL, SELECTOR SWITCH ETC

WITH TUBES 1/1LC6, 1/1LH4, 1/1LN5, 4/1R4/1294-2/3B7 & 4/306/1299 AND PE-97 POWER SUPPLY THAT OPERATES FROM 6 OR 12 VOLTS D.C. W/CABLE SIZE: REC. TRANS. ONLY 15x13x7; WT: 30 LBS. PE-97 POWER SUPPLY 15x13x7; WT: 20 LBS. THE REC.-TRANS. IS MOUNTED ON TOP OF THE POWER SUPPLY AND IS HELD THERE WITH HASPS. PRICE: BC-620 & PE-97 RE-NEW \$19.95



BC-659 TRANSMITTER-RECEIVER F.M. 27-38.9 MC, CRYSTAL CONTROL ON TWO PRESELECTED CHANNELS IN THE FREQUENCY RANGE. SUPPLIED WITH ONE (1) FT-243 CRYSTAL, OUTPUT APPROX

3 WATTS, SELF CONTAINED SPEAKER, MIC & PHONE JACK. WITH TUBES 1/1LH4, 1/1LC6, 4/1LN5, 2/1291, 4/1299-306, 1/1291-3B7 & ALIGNMENT & TEST METER WITH PE-117 OR PE-120 6 OR 12 VDC POWER SUPPLY SIZE: REC-TRANS. ONLY 15x13x7 WT: 30 LBS. PE-117/120 P.S. 15x13x7 WT: 20 LBS. THE REC-TRANS. IS MOUNTED ON TOP OF THE P.S AND IS FASTENED WITH HASPS SAME AS BC-620. PRICE: BC-659 AND POWER SUPPLY USED \$16.95

AN-45 TELESCOPING ANTENNA FOR MOUNTING ON REAR OF BC-620, 98" LG. NEW..... 1.95
 FT-250 SHOCKMOUNTING BASE F/ BC-620 & PE-97 TO-GETHER OR SEPARATELY 2.50
 CD-509 CORD EXTENSION 8 FT. USED WHEN P.S IS TO BE USED AWAY FROM BC-620. 2.75
 CS-79 BATTERY CASE SAME SIZE AS PE-97 USED WITH BC-620 WHEN DRY CELLS /USED \$1.50
 TS-13 HANDSET, CARBON MIC. W/PLUGS " 4.95
 T-24 MICROPHONE CARBON RE-NEW 4.95
 SPARE TUBES FOR BC-620 NEW BOXED EACH .75

RADIOTELEPHONE

RCA RADIOTELEPHONE EQUIPMENT VHF MODEL ET-8040 IS A COMPACT MULTI-CHANNEL UNIT DESIGNED TO PERMIT VARIOUS CLASSES OF VESSELS TO UTILIZE THE MARITIME-MOBILE FREQ. FOR SHIP TO SHIP & SHIP TO SHORE IN THE 156 TO 162 MC. F.M. BAND. SIMPLEX OR DUPLEX CHANNEL ON AS MANY AS (8) FREQ. TRANSMITTER OUTPUT 11 WATTS WITH TUBES 2/2E26, 5/6CH6, 1/6AQ5, 2/6AV6 & 1/12AT7, FREQ. STABILITY .002%, MOD. 15 KC F/100%, RECEIVER "A" CHAN. 1 THRU 8, REC. "B" CHANNEL 7 THRU 8, DOUBLE CONVERSION, SQUELCH SENSITIVE... 25-5 MICRO VOLT, WITH TUBES EACH RECEIVER 1/16BH6, 2/12AX7, 1/6AL5 & 1/6AK6. EIGHT CHANNEL CONTROL UNIT WITH HANDSET, ONE SPEAKER WITH REMOTE CONTROL OF SINGLE CHANNEL & AUX. SPEAKER ONLY. OPERATES FROM 115 VOLT 400 CYCLE 1.22 AMPS. TRANS.-REC. SIZE 16x23x6 1/2; WT: 72 LBS. NET. CONTROL UNIT & SPEAKERS 13 LBS. SHPG. WT. 100 PRICE: UNUSED \$125.00



R-4/ARR-2 RECEIVER 234-258 MC DESIGNED FOR REMOTE CONTROL OPERATION, REQUIRES A MODULATE SIGNAL IN THE RANGE OF 540-830 KC AND MAY BE SET AT ANY ONE OF SIX FREQ. RECEIVER CAN BE USED FOR BEAT NOTE HOMING OR FOR VOICE RECEPTION. WITH TUBES 1/12A6, 3/6AK5, 7/9001, VOLTAGE REQ. 24 VDC & 250 VDC 60 MA. SAME SIZE AS COMMAND REC. "Q" RE-COND \$6.95



MD-7/ARC-5 MODULATOR USED WITH ARC-5 AND COMMAND SERIES OF TRANSMITTERS USES 2 1625 TUBES IN PUSH-PULL. 1/12J5 AND 1/VR-105 (CAPABLE OF 40 TO 60 WATTS ON VOICE DEPENDING ON VOLTAGE USED AND APPLICATION TO TRANSMITTER. W/TUBES SIZE: 10x6x9; WT: 12 LBS. PRICE : USED \$9.95

COMMUNICATION RECEIVER



RCAF GR-10 COMMUNICATION RECEIVER, 115 VOLT 25-60 CYC. 6 BANDS, 195 to 410 KC AND 1400 to 31000 KC., ELECTRIC, BAND SPREAD, VAR. SELECTIVITY, ADJ. CRYSTAL FILTERS, NOISE LIMITER, AVC, CARRIER STRENGTH METER, CRYSTAL CONTROL ON ANY ONE FREQ. TO 6.8 MC. TEMP. AND VOLTAGE REG. OF OSCILLATOR, SENSITIVITY BETTER THAN 5 MIC. V. 2:1 SIG. TO NOISE RATIO, MAX. UNDISTORTED OUTPUT 3 WATTS. WITH TUBES 3/6SK7, 1/6K8, 1/6SJ7, 1/6H6, 1/6SQ7, 1/6F6G, 1/5Y3G & 1/VR-105. BEAT FREQ. OSC. CONTROL AND PROV. FOR SPEAKER AND HEADSET. SIZE: 10x20x11 1/2; WT: 85 LBS. (CABINET DESIGN MAY VARY) ALSO AVAILABLE FOR 19" RACK MOUNTING PRICE: " USED NOT CHECKED.... \$89.95 " " " " 99.95

RECEIVERS

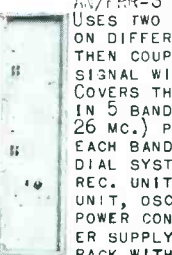
ARN-5 RECEIVING EQUIP. FOR AIRCRAFT USE DESIGNED TO GIVE VERTICAL GUIDANCE TO A PILOT DURING LANDING OPERATIONS. RECEIVES MODULATED SIGNAL 90 & 150 CYCLES ON FREQ. OF 332.6, 333.8 & 335 MC. DEPENDING UPON THE CRYSTAL IN USE. VOLTAGE REQ. 24 TO 28 VDC. 1.35A WITH TUBES 7/6AJ5, 2/12SN7 & 1/280T7 (TUBE LINE UP MAY VARY WITH TYPE SET ORDERED) SIZE: 5x2x6x11; WT: 15 LBS. CONDITION USED. R-89/ARN-5 RECEIVER USED \$6.95 R-430/ARN-5 " " \$9.95



1-101C CROSS-POINT INDICATOR USED WITH ARN-5 USED \$1.50; BC-732 CONTROL BOX. U. \$1.95; AS-27 ANTENNA UNUSED \$5.95 AS-27A " \$9.95 CONNECTOR PLUGS TO FIT ALL UNITS EACH \$1.50

DIVERSITY RECEIVER

AN/FRP-3 DIVERSITY RECEIVING EQUIPMENT USES TWO IDENTICAL RECEIVERS OPERATING ON DIFFERENT ANTENNAS. THE OUTPUT IS THEN COUPLED TO-GETHER TO SUPPLY A SIGNAL WITH REDUCED FADING EFFECTS. COVERS THE FREQ. RANGE OF 2.4 TO 23 MC IN 5 BANDS, (BAND 5 CAN BE EXTENDED TO 26 MC.) PRE-SET ON ANY ONE FREQ. IN EACH BAND, MOTOR DRIVEN SELECTOR BY DIAL SYSTEM. CONSISTS OF ANTENNA UNIT, REC. UNIT "A", REC. UNIT "B", MULTIPLE UNIT, OSCILLATOR UNIT, REMOTE CONTROL, POWER CONTROL, POWER FILTER UNIT & POWER SUPPLY UNIT ALL HOUSED IN A 7 FOOT RACK WITH DOOR FRONT & BACK. TUBES REQUIRED 6/6J5GT, 5/6V6, 8/6SK7, 2/6SN7, 2/6SA7, 7/6SA7, 5/6H6, 3/6E5 & 2/5U4. TOTAL WT: 600 LBS. POWER REQ. 100-130/200-260 v. 50/60 CYCLE. PRICE: USED LESS TUBES \$150.00



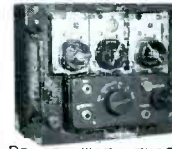
ATD TRANSMITTER

NAVY ATD TRANSMITTER 540 Kc TO 9050 Kc 50 WATT VOICE-CW-CW AM WITH TUBES 1/814, 4/6L6GA & VOLTAGE REGULATOR, THREE 2 1/2" METERS FOR RF, MA & VOLTS, 24 VOLT DYNAMOTOR OUTPUT 1000 VDC 150 MA, 380 VDC 400 MA & 28VDC 5 AMPS. PLUG-IN TUNING UNITS SUPPLIED WITH SET 1/540-1500, 1/1500-3000 & 2/3000-9050 KC. FOUR CHANNEL SELECTION FROM SET OR REMOTE. LOCAL OR REMOTE CONTROL, MIC, PHONE & KEY JACK COMPLETE WITH DYNAMOTOR, REMOTE CONTROL UNIT, ANTENNA LOADING UNIT & PLUGS. SIZE: 24x10x13 1/2; WT: 70 LBS. (TRANS) TOT. 135LBS PRICE: UNUSED \$69.95



TRANSCIEVER

RT-18/ARC-1 TRANSMITTER & RECEIVER A.M. 100 to 156 MC CRYSTAL CONTROLLED, 30 WATT C.W. AND PHONE. VOLTAGE REQUIRED 360 VDC @ 135 MA. AND 24 VOLT D.C. USES TUBES 18/6AK5, 2/6C4, 2/6V6, 2/6J6, 2/12A6, 2/832 AND 1/12SL7. PRICE: WITH TUBES 10 CHANNEL USED \$49.50 " 20 " " 59.50 LESS " & ANTENNA RELAY 10 CHAN. \$30.00 DY-9/ARC DYNAMOTOR 26 VOLT D.C USED \$ 9.95 DY-10/ARC " 13/26 " " \$11.95



SCR-522 RADIO SET 100-156 MC

RECEIVER-TRANSMITTER AM, FOUR CHANNEL, CRYSTAL CONTROL, 30 WATT OUTPUT, 18 TUBES AS FOLLOWS: TRANSMITTER, 1/6SS7, 2/832, 3/12A6, 1/6G6, RECEIVER, 1/9002, 1/9003, 3/12A6, 1/12C6, 2/12AH7, 1/12H6 & 3/12SG7. BOTH UNITS CAN BE REMOVED FROM CASE SEPARATELY. OVERALL SIZE: 16x12x10-3/4" WT: 49 LBS. PRICE: USED \$29.95



RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE: USED WITH TUBES \$14.95 NO TUBES

RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED, WITH TUBES \$14.95 NO TUBES \$7.95

TRANSMITTER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED WITH TUBES \$18.95 NO TUBES \$7.95

BC-602 CHANNEL SELECTOR CONTROL BOX WITH PUSH BUTTONS. BC-602B USED \$1.95 BC-602D NEW \$2.95
NOTE: FOR THE MICROPHONE & PHONE CIRCUITS JACKS CAN BE INSTALLED IN THE BC-602

JB-29 JUNCTION BOX NEW \$2.95
AN-104 ANTENNA, METAL COVERED WOOD NEW 1.95
PE-98 DYNAMOTOR 12 VOLT USED 9.95
PE-94 " 24 " " 4.95

PLUGS REQUIRED FOR THE EQUIPMENT

SCR-522 RECEIVER-TRANSMITTER REQUIRES THE FOLLOWING PLUGS, PL-173 TO ANTENNA, PL-169 TO DYNAMOTOR, PL-170 TO JB-29 JUNCTION BOX. \$1.50 EACH

BC-602 CONTROL BOX, REQUIRES FOLLOWING PLUGS, PL-169 TO JUNCTION BOX. \$1.50 EA.

PE-98 OR PE-94 DYNAMOTOR REQUIRES FOLLOWING PLUGS, PL-172 TO BATTERY, PL-171 TO RECEIVER-TRANSMITTER. \$1.50 EA.

JB-29 JUNCTION BOX, REQUIRES THE FOLLOWING PLUGS, PL-170 TO RECEIVER-TRANSMITTER PL-169 TO BC-602 CONTROL BOX. \$1.50 EA.

RA-62 AC POWER SUPPLY FOR SCR-522, OPERATES FROM 115/230 VOLTS 60 CYCLE, SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION. SIZE: 16x11x11; WT: 75 LBS. PRICE USED \$59.50 REQUIRES PL-171 PLUG FOR HOOK-UP TO REC-TRANS PRICE \$1.50.

BC-733 RECEIVER 108.3-110.3 MC AM

AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-POINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY. OPERATES ON SIX CRYSTAL CONTROL PRESET FREQ. COMPLETE WITH TEN TUBES: 1/12AH7, 2/12SG7, 3/717, 2/12SR7, 1/12SQ7 & 1/12A6. VOLTAGE REQUIRED; 24 VDC & 220 VDC 80 MA. WITH SCHEMATIC. SIZE: 13x5x7 WT: 17 LBS.

PRICE: USED \$5.95 UNUSED \$7.95
1-101C CROSS POINT INDICATOR, USED \$1.95
PL-257 PLUG TO FIT 1-101C 1.50

BC-732 CONTROL BOX USED \$1.95 NEW \$2.95
CABLE WITH PL-254 TO FIT BC-733 REC. AND PL-256 PLUG TO FIT BC-732 CONTROL BOX 3 FT. PRICE: \$4.95 PLUGS ONLY 1.50

DM-53 DYNAMOTOR 24 VOLT USED \$4.95 NEW \$6.95
DM-53 AZ " 12 " NEW 7.95
AS-27 RAMS HORN ANTENNA NEW 5.95
PL-284 TWIN COAX PLUG F/BC-733-AS-27 \$1.00

TRANSCEIVER

AF/UTA-68 TRANSCEIVER AM 115 TO 152 MC ON ANY ONE OF TEN PRESET FREQUENCIES, CRYSTAL CONTROLLED. POWER OUTPUT APPROX. 5 WATTS. WITH TUBES TRANS. 6AG5, 2/6C4, 3/5763, MOD. 6AU6, 2/6C4, 6AK6, REC. 3/6RH6, 3/6C4. (NO CRYSTALS SUPP) 6BJ6, 6AH6, 6AG5 & 12AT7. & 26 VOLT DC DYNAMOTOR, OUTPUT 265 VDC AND -50 VDC. SIZE: 9x8x16; WT: 25 LBS. PRICE USED \$24.95 SCHEMATIC \$1.00; PLUGS \$1.50 EA. ANT. PLUG 50¢



ARC-3 100-156 MC

R-77/ARC-3 VHF AIRCRAFT TYPE AM RECEIVER, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 9001, 9002, 12A6, 12H6, 12SH7, 12SL7, 2/12SN7, 3/12SG7 & 6/6AK5. VOLTAGE REQUIRED 24 VDC & 210 VDC 125 MA. SIZE: 11x7x15. WT: 21 LBS. W/SCHEMATIC PRICE: R-77/ARC-3 RE-CONDITIONED \$29.95 R-5009/ARC-502 24 CHANNEL USED \$24.95 PL-153 PLUG FOR FRONT OF SET \$ 2.50

T-67/ARC-3 VHF AIRCRAFT TYPE TRANSMITTER AM, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE, WITH TUBES 2/832 2/6L6, 1/6J5, 3/6V6 & 1/12SH7. VOLTAGE REQUIRED 24 VDC & 410 VDC 325 MA. SIZE: 15x7x12. WT: 21 LBS. PRICE: RE-NEW WITH TUBES ...\$29.50

JB-68 JUNCTION BOX FOR ARC-3 RADIO SET USED TO MOUNT DYNAMOTORS DY-22 FOR REC & DY-21 FOR TRANS. ALSO HAS CONNECTOR PLUGS TO HOOK UP REC, TRANS, CONTROL BOX & POWER, & RELAYS. SIZE: 10x3x8. WT: 7 LBS. PRICE USED... \$7.95

CONNECTOR PLUG FOR EACH FACILITY \$2.50 EACH

C-118/ARC-3 CONTROL BOX FOR RECEIVER AND TRANSMITTER. HAS EIGHT PUSH BUTTONS FOR CHANNEL SELECTION AND ONE FOR OFF. SIZE: 6x3x7 WT: 2 LBS. PRICE: \$4.95 CONNECTOR PLUG U-16/U 2.50

IE-36 TEST SET FOR SCR-522 REPRODUCES THE OPERATING FUNCTIONS OF THE CONTROL BOX & JACK BOXES OF THE RADIO BY PROVIDING HEADPHONE & MICROPHONE, CHANNEL SELECTION PLUS ALL OTHER CONTROLS NECESSARY TO OPERATION AND TESTING. CONTROL UNIT BC-1303 PLUGS DIRECTLY INTO THE SCR-522 ALSO HAS PHANTOM ANTENNA & CORD, LAMP EXTRACTOR, ADAPTER PHONE CORD, INSTRUCTION BOOK AND CARRYING CASE, 10x10x4; WT: 8 LBS. PRICE: NEW \$6.95

SCR-522 CABLES WITH PLUG ON ONE END AND LUG TERMINALS ON THE OTHER. EACH CABLE \$2.95
CX-58/VRC-1 PLQ-170 PLUG & LUGS, 36" LONG.
CX-60/VRC-1 PL-169 " " " 36" "
CX-62/VRC-1 PL-172 " " " 66" "

BC-745 AM TRANSMITTER-RECEIVER COVERING THE FREQ. RANGE OF 2-6 MC PHONE, WITH A RANGE OF FIVE MILES UNDER FAVORABLE CONDITIONS. CRYSTAL CONTROL ON TWO PRESELECTED FREQ. BY USE OF PLUG IN COIL & CRYSTAL ASSY. BC-746. THE SET SIZE IS 6X6X6 AND IS MOUNTED ON A 32" STAFF AND HOUSES THE TELESCOPING ANTENNA WHEN NOT IN USE. COMPLETE WITH TUBES, 1/1S5, 3/1T4 & 5/3S4 & ONE PLUG IN FREQ. ASSY. VOLTAGE REQUIRED 1.5 VDC/25 A, 67.5 VDC/20 MA & 105-125 VDC/50 MA. WT: 10 LB

PRICE: USED \$6.95

TRANSCEIVER

BC-746 PLUG IN COILS & CRYSTAL ASSEMBLIES CHANNEL #1 3010 Kc CHANNEL #2 5030 Kc CHANNEL #3 5500 Kc CHANNEL #4 5305 Kc ONE OF THE ABOVE SUPPLIED WITH PURCHASE OF SET, ADDITIONAL UNITS \$1.00 EA. CHEST UNIT THAT WAS USED TO CARRY DRY CELL BATTERIES, ALSO HAS MICROPHONE, PHONE JACK AND NECESSARY CABLE FOR CONNECTING TO RADIO SET. PRICE: USED \$1.95 UNUSED \$3.95

T-39 VIBRATOR POWER SUPPLY; OPERATES FROM 2 VOLT WET BATTERY BB-54 WHICH IS INSTALLED INSIDE THE CASE THAT SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION OF THE RADIO SET ALSO HAS 4" PM SPEAKER, CARRYING HANDLE AND CABLE FOR CONNECTING TO SET. SIZE: 11x5x8. WT 17 PRICE: USED \$4.95 UNUSED \$6.95

PE-157 VIBRATOR POWER SUPPLY; OPERATES FROM 2 VOLT WET BATTERY BB-54 WHICH IS INSTALLED INSIDE THE CASE THAT SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION OF THE RADIO SET ALSO HAS 4" PM SPEAKER, CARRYING HANDLE AND CABLE FOR CONNECTING TO SET. SIZE: 11x5x8. WT 17 PRICE: USED \$4.95 UNUSED \$6.95

AMPLIFIER

AM-203B/ARA-19 AMPLIFIER; PART OF REMOTE TUNING SYSTEM AS USED WITH ARN-6 RADIO COMPASS WHICH PROVIDES AN ACCURATE MEANS OF TUNING SET ELECTRICALLY. OPERATES FROM 24 VDC. WITH 2/26A7 TUBES AND 1/12SN7 TUBE, SIZE: 5x6x4. WT: 6 LBS. PRICE: RE-NEW \$8.95



COMPASS RECEIVER

AN/ARN-7 RADIO COMPASS RECEIVER 100 TO 1750 KC USED FOR AIRCRAFT DIRECTION FINDING BUT CAN ALSO BE USED ON BOATS. THE RECEIVER IS A SUPERHETERODYNE WITH ADDITIONAL CIRCUITS FOR OPERATION OF THE AURAL RECEPTION AS SHOWN ON THE INDICATORS. COVERS THE FREQUENCY RANGE OF 100 TO 1750 KC IN FOUR BANDS CONTINUOUS TUNING FROM CONTROL BOX WHICH IS A SEPARATE UNIT. UNIT OPERATES FROM 115 VOLT 400 CYC & 24 VDC AND IS COMPLETE WITH TUBES 4/6K7, 1/6L7, 1/6J5, 2/6B8, 2/6F6, 1/6N7, 1/5Z4, 1/6SC7 & 2/2051. SIZE: 12x8x19; WT 45 LBS.

R-5/ARN-7 RECEIVER ONLY, USED \$18.95

ITEMS LISTED BELOW ARE REQUIRED FOR ADF OPER.

- C-4/ARN-7 CONTROL BOX USED \$3.95 NEW \$5.95
- I-81 INDICATOR 3" USED \$3.95 RENEW 4.95
- I-82A " 5" USED 7.95
- LP-21 AM LOOP ANTENNA " 9.95
- FT-224 MOUNTING F/C-4CB " 1.50
- MG-149F INVERTER " 24.95
- MC-203 SHAFT COUPLING "T" " 1.00
- MC-136 SHAFT " RT/ANGLE " 2.50
- BK-22 RELAY JUNCTION BOX " 2.95
- MC-124 FLEXIBLE SHAFT 2 FT. 1.50
- CD-365 CABLE FOR LOOP 5 FT. 2.75
- PL-122 CONNECTOR PLUG FOR RECEIVER 2.50
- PL-112 " " " LOOP 2.50
- PL-118 " " " 1-81 OR 1-82 2.50

TRANSMITTER

GO-9 NAVY TRANSMITTER 100 WATT CW, MCW & PHONE, 300-600 Kc & 3.0 TO 18.1 MC. WITH TUBES 2/837, 1/843, 1/801, 2/803, 1/807, 2/1616 & 1/5Z3, UNIT IS MADE IN THREE SECTIONS WITH THE LOW FREQ. SEC. TO THE LEFT, HIGH FREQ. TO THE RIGHT & POWER SUPPLY THAT OPERATES FROM 115 V 800 CYCLE IN THE CENTER. VOLTAGE ALSO REQ. 12 OR 24 V.D.C. SEVEN METERS, 0-9 HF & 0-100 MA IN LOW SEC. 0-9 RF, 0-100 MA & 0-15 V IN HIGH SEC. & 0-15 V. & 0-300 MA IN P.S. SEC. (CONVERSION INFORMATION FOR 115 V. 60 CYC CAN BE FOUND IN SURPLUS RADIO CONVERSION MANUAL #2 PRIC \$3.50) SIZE: 28x33x16; WT: 125 LBS. RE-NEW \$69.50

MIN-40 INDICATOR 0-360 DEGREE SCALE 5" WITH VAR. ADJUSTMENT. SAME AS I-82 INDICATOR ONLY OPERATES MECHANICALLY INSTEAD ELECTRICALLY BY USE OF SPLINED CONNECTORS AS USED ON MC-124 SHAFT. \$3.95

CONTROL BOXES MN-28C/MN-26C MN-28LB/MN-26LB USED \$3.95 EA. CONNECTOR PLUGS RECEIVER \$2.50 CONTROL BOX \$2.50 FLEXIBLE SHAFT 20"/\$1.50 5 1/2" \$2.8 \$3.00

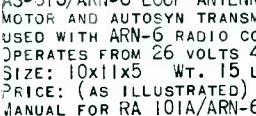
RADIO COMPASS

RA 10 A/ARN-6 RADIO COMPASS WITH A FREQUENCY RANGE OF 100-1750 KC IN FOUR BANDS. COMPLETE WITH TUBES 6/12SK7, 4/12SX7, 1/12SY7, 1/12SN7, 2/26A7, 2/2050. OPERATES FROM 26.5 VDC. WT. 35L SIZE: 11x7x15. PRICE: \$39.50


AG-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS. OPERATES FROM 26 VOLTS 400 CYC. SIZE: 10x11x5 WT. 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95 MANUAL FOR RA 101A/ARN-6...\$5.00

ID-91 B/ARN-6 INDICATOR 0-360 DEG. 3 1/2" DIA. INDICATOR FOR ARN-6 RADIO COMPASS SYSTEM \$8.95

C-149 A/ARN-6 CONTROL BOX BOX CONTAINS THE FOLLOWING CONTROLS. OFF-COMP.-ANT.-LOOP; FUNCTION SWITCH, TUNING METER, LOOP L-R SWITCH, LIGHT CONTROL, DIAL BAND SWITCH, CONTROL SWITCH, TUNING CRANK, AUDIO CONTROL, CW- VOICE SWITCH. \$8.95



Headsets — Telephone Equipment — Microphones — Handsets



HS-33 HEADSET
NEWLY MANUF.
HEADBAND & 4 1/2 FT.
CORD WITH PL-55
TYPE PLUG. AIR
FORCE GREY. 600
OHM IMPED. WITH

MX-41/AR MEDIUM RUBBER CUSHIONS \$8.00


MC-162 SMALL RUBBER CUSHIONS. \$6.95



HB-7 HEADBAND ONLY
WITH 4 1/2 FT.
CORD AND PL-55
TYPE PLUG. AIR
FORCE GREY.
\$3.00


MX-41/AR MEDIUM SIZE RUBBER CUSHIONS \$1.25

MC-162 SMALL RUBBER CUSHIONS \$1.00



HS-23 HEADSET NEWLY MANUF. W/4 1/2 FT. CORD & PL-55 TYPE PLUG. AIR FORCE GREY. 2000 OHM IMPED. WITH MX-41/AR MEDIUM SIZE RUBBER CUSHIONS \$6.95

MC-162 SMALL SIZE RUBBER CUSHIONS \$5.95



H-113/U HEADSET 600 OHM SOFT PLASTIC EAR CUSHIONS 18" CORD W/ PL-54 PLUG THAT FITS JK-26 JACK (SEE CD-307 EXTENSION CORD ELSEWHERE ON THIS PAGE) WT: 3LBS. USED-EX \$3.95

H-62 HEADSET SAME AS H-113/U ONLY IN BLACK AND HAS PROVISIONS FOR SNAPPING ON LIP MICROPHONE CW-51071 LISTED BELOW. USED-EX. \$3.95

CW-51071 LIP MICROPHONE 100 OHMS IMPEDANCE W/ 2 SNAPS FOR FASTENING TO H-62 HEADSET, 14" CORD W/ PL-291 PLUG INTO EXTENSION CORD CD-318 LISTED ON THIS PAGE OR CW-49561 EXTENSION CORD LISTED BELOW USED \$1.00



TELEX MRB-12 HEADSET 50-10K CYC. CRYSTAL TYPE.

MICROPHONE ON ADJUSTABLE BOOM, CERAMIC 50-9000 CPS. FIVE FOOT CORDS WITH PL-55 ON EA. RE-MOVEABLE RUBBER CUSHIONS FOR CLEANING. BOOM MIC & HEADSET 50,000 OHM... USED \$8.95


4,000 " USED 9.95

LAFAYETTE MICROPHONE. HIGH OUTPUT CERAMIC MIC. PUSH TO TALK SW. PLASTIC CASE, COILED CORD, 5 PRONG AMPHEOL PLUG. UNUSED \$5.95 SHURE#CA9R



T-17 CARBON MICROPHONE 35 TO 90 OHMS, PUSH TO TALK SWITCH, 5 FT. CORD WITH PL-68 PLUG. (UNITS SHIPPED MAY BE ALUMINUM OR PLASTIC CASE) 1 LB. USED \$5.95 RE-COND. \$7.50

MICROPHONE BUTTON & CAP ONLY FOR T-17, 4 HOLE MTG. #25490 NEW \$2.50



RS-38 MICROPHONE 100 OHM CARBON PRESS TO TALK SWITCH ON TOP 5 FT. CORD WITH PL-68 PLUG. USED \$4.95 UNUSED W/COILED CORD 12"-36" \$7.95 21-68 \$8.95

SPACE HELMET HEADSET, 600 OHM PHONE 100 OHM MIC. PADDED FRAME. U. \$3.95


TS-9 HANDSET NO PLUGS WITH BUTTERFLY SWITCH & PUSH TO TALK SWITCH & LUGS USED \$3.95

TS-11 HANDSET; 4 COND-CORD, 5 1/2", CARBON MIC 50 OHM, PHONE 3500 OHM, W/PL-106 PLUG. NEW \$4.95



DYNAMIC HEADPHONES 50 OHMS IMP. MOVING COIL TYPE, HIGH QUALITY RE-PRODUCTION, CHAMOIS CUSHIONS AND "Y" CORD WITH PHONE PLUG. #ZA/CAN1638 UNUSED \$4.95

CHAMOIS CUSHIONS \$2.50 PR.



TELEPHONE TRANSMITTER CHEST SET; 150 OHM IMPEDANCE TRIANGULAR SHAPED BREASTPLATE, HORN MOUTHPIECE TYPE# A-1. NO STRAPS. WESTERN ELECTRIC #396A \$1.50

CW-49561 EXTENSION CORD FOR LIP MIC. CW-49561, T-45, T-30, MI/A OR ANY OTHER CORD WITH MATING PLUG PL-48/291. HAS PL-68 MIC. PLUG AND IS 5 FT. WITH MOMENTARY SWITCH. UNUSED \$1.50

TO ELIMINATE NOISE, HELD IN PLACE BY STRAPS, FREQ RESPONSE 400-3200 CPS. 1 1/2" INCH CORD WITH PL-291 PLUG TO FIT CD-318 OR CW-49561 EXTENSION CORDS DESCRIBED ON THIS PAGE. NEW \$2.50



MI/A CARBON MICROPHONE 75 OHM IMPEDANCE, FITS OVER MOUTH



RS-83 100 OHM CARBON MICROPHONE W/ COILED CORD 1-4" STK #D173012 NEW \$7.95

\$2.95 DETACHABLE UN-CORD 4 1/2" & SW.




TS-13 HANDSET CARBON MIC. 50 OHM, PHONE ELEMENT 3500, "Y" CORD PL-68 & PL-55, BUTTER USED \$4.95 FLY SWITCH. USED \$4.95

RUBBER COVERED AS ILLUSTRATED \$1.50 CAST ALUMINUM \$2.00



T-24/M CARBON MICROPHONE WITH PUSH TO TALK BUTTON AND MODIFIED WITH 4 FT. COILED CORD & PL-68 PLUG. WT: 1/2 LB. PRICE: NEW \$4.95



ACOUSTIC CORDLESS MICROPHONE AND AMPLIFIER HEARING AID, HEAD BAND TYPE ASSEMBLY CONSISTS OF 1/2" MIC. AND 3 TUBE AMPLIFIER WITH VOLUME CONTROL AND BATTERY COMPARTMENT MOUNTED IN A LIGHTWEIGHT HEADBAND. USES MERCURY BATTERY RM-1H & MINI-MAX 15 V. 504E EVEREADY. PRICED WITH TUBES, -EBS BATTERIES AND PHONE UNIT-#A200 NEW; \$2.95




ACOUSTION HEARING AID MICROPHONE CASE ONLY W/TRANSFORMER, VOLUME CONTROL, RES. COND. AND BATT. HOLDER. NO MIC. BATT. OR TUBES. GOLD STAIN FINISH. SIZE: 2 1/2 x 4 1/2; WT: 4 oz. #A-320 \$0.59 2 FOR \$1


PUSH BUTTON & CALL SIGNAL LIGHT SAME SIZE AS TELEPHONE DIAL. MAKE OWN INTERCOM. \$3.99 EA. 3/\$1.00

TELEPHONE BELLS USE AS EXTENSION IN SHOP ETC. 2 LB. 4x4x1 483661A \$1.50


TELEGRAPH SET



TG-5 TELEGRAPH SET; PORTABLE UNIT USED FOR CODE COMMUNICATION OVER LAND WIRE LINES. TWO OR MORE UNITS CAN BE OPERATED IN SERIES. CAN BE USED FOR CODE PRACTICE OR TEACHING CONTAINS BELL CALL SYSTEM 1000 CYCLE TONE HOWLER, TEL. KEY, HEADPIECE, CANVAS CASE, BOOK ETC. REQUIRES 22.5 AND 2' 1.5 VOLT BATTERIES FOR OPERATION. LESS BATT. SIZE: 5 1/2 x 10 x 5 1/2; WT: 8 LBS. PRICE: NEW \$9.95



T-45 LIP MIC



DICTIPHONE HEAD SET, LIGHT BAND W/PLASTIC EAR PCS. CONNECT TO RUBBER TUBES THAT COMES TO Y & RUBBER CUP 4" DIA. USE AS WAY OUT SOUND REPRODUCER #6C262-719 \$7.75




T-30 THROAT MIC. Elements only \$1.00 a dozen

T-45 MICROPHONE CARBON TYPE 100OHM 50DB BELOW 1 MILLIVOLT, FLAT RESPONDS WITH PL-291 2 CONT MALE PLUG, 11" CORD USED 75¢



CD-307 CORD EXTENSION FOR CORDS WITH PL-54 PLUG AS USED ON HEADSETS, 65" LG WITH JK-26 JACK & PL-55 PLUG. USED \$1.00


T-30 MICROPHONE CARBON TYPE, 75 OHM 50DB BELOW 1 MILLIVOLT, FLAT RESPONDS WITH PL-291 2 CONT MALE PLUG, 11" CORD PRICE: USED 3/\$1 UNUSED \$1.00



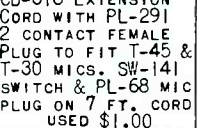
CD-318 EXTENSION CORD WITH PL-291 2 CONTACT FEMALE PLUG TO FIT T-45 & T-30 MICS. SW-141 SWITCH & PL-68 MIC PLUG ON 7 FT. CORD USED \$1.00



CD-604 CORD WITH IMPEDANCE MATCHING TRANSFORMER 500OHM TO 4000, USED WITH HS-30 HEADSET, 6" CORD & PL-54 PLUG. NEW 50¢ USED 25¢



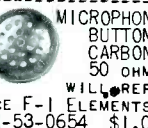
M-25 MICROPHONE CARBON 100 OHM CORD W/UG 77 PLUG. U. \$3.95



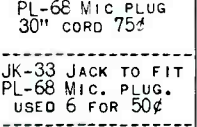
CD-604 CORD WITH IMPEDANCE MATCHING TRANSFORMER 500OHM TO 4000, USED WITH HS-30 HEADSET, 6" CORD & PL-54 PLUG. NEW 50¢ USED 25¢



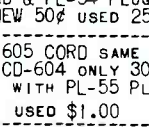
CD-605 CORD SAME AS CD-604 ONLY 30" LG. WITH PL-55 PLG USED \$1.00



HB-1 HEADBAND FOR 1 1/2" ELEMENTS \$1.00



JK-33 JACK TO FIT PL-68 MIC. PLUG. USED 6 FOR 50¢



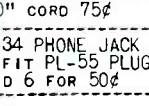
PL-55 PHONE PLUG 30" CORD 75¢



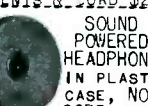
SOUND POWERED HEADPHONE IN PLASTIC CASE, NO CORD. #R5017 USED \$1.50



COILED CORD SETS



MC-385 HIGH to LOW ADAPTER IMPEDANCE FOR HEADSET 4000-6000OHM USED \$0.50 NEW \$0.75

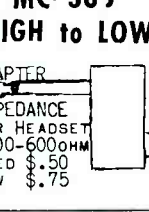


HEADSET EARPHONE CUSHIONS SPONGE RUBBER FOR 2 1/2" ELEMENTS. #48514 \$1.00 PAIR

THREE CONDUCTOR 24" to 72" 75¢ 12" to 36" 50¢

FOUR CONDUCTOR 12" to 36" \$1.00

ONE CONDUCTOR #18 6 FT.-18 FT. \$1.00



HEADSET EARPHONE CUSHIONS SPONGE RUBBER FOR 2 1/2" ELEMENTS. #48514 \$1.00 PAIR



DIAL ONLY \$1.95 USED \$2.50 EXCEL COND

HANDSET HOLDER FOR HORIZONTAL MOUNTING, SIZE 1 1/2 x 3 1/2 #6988 \$0.50



R-15 PHONE ELEMENT 6000 OHM W/RUBBER CUSHION F/2" HEADBAND MTG. \$1.25



PHONE ELEMENT F/TS-9K HANDSET 250 OHM, 2 1/2" DIA W/ CLIPS. K.S #838 \$1.00



CANADIAN PHONE ELEMENT 100 OHM 1 1/2" DIA. FOR 2" HEADBAND. #C-3 10A/36988 \$0.75



PHONE ELEMENT F/TS-13, H-23 ET HANDSET, TYPE 41 3500 OHM. AUTO. ELEC. D-5189A \$1.00



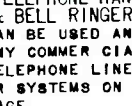
CANADIAN LIGHTWEIGHT HANDSET NO CORD PHONE 300 OHM #ITE NO1 MK-11 YA-7225 6 oz. \$3.95



CANADIAN MICROPHONE W/ SWITCH & CORD FOR ABOVE PHONE, MAGNETIC 300 OHM, #10A/12 57L \$1.25



STANDARD TYPE TELEPHONE HANDSET & BELL RINGERS CAN BE USED AND ANY COMMERCIAL TELEPHONE LINE OR PHONE SYSTEMS ON THIS PAGE. PRICE: \$6.95 EX-CONDITION



STANDARD TELEPHONE HANDSET & CORD PRICE: \$4.95 EX-CONDITION



TELEPHONE BELL FOR MAGNETO GENERATORS 1 1/2 x 3 # MC-131 \$1.50

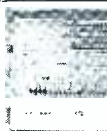
TELEPHONE EQUIPMENT



EE-8 FIELD TELEPHONE, PORTABLE HAND RINGING TYPE. CAN BE USED WITH ANY MAGNETO TYPE SYSTEM SWITCHBOARD AS BD-71, 72, 89, 91, 96 ETC. OPERATES FROM 2 FLASHLIGHT BATTERY UP 17 MILES, TWO OR MORE PHONES CAN BE OPERATED ON TWO WIRE LINE. WITH CARRYING CASE, STRAP & HANDSET.
 SIZE: 8x10x3 1/2; WT: 18 LBS.
 USED CHECKED LESS BATT. \$14.95



BD-71 SWITCHBOARD, PORTABLE 6 LINE HAND RINGING MAGNETO TYPE USING FLASHLIGHT BATTERIES FOR OPERATION. REPEATING COILS ON TWO LINES FOR SIMPLEXING, DROP SIGNAL AND NIGHT CALL BELL CAN BE USED WITH ANY MAGNETO TYPE TELEPHONES SUCH AS EE-8, RM-29, BD-72, 89, 91, 96 ETC. IDEAL FOR FACTORY, CAMP, FARM, MOTEL.. WITH CHESTSET MICROPHONE & HEADSET. LESS BATTERIES
 SIZE: 18x12x14; WT: 75 LBS.
 USED \$9.95 RE-NEW \$14.95



BD-89 SWITCHBOARD, SINGLE POSITION, TWO PANEL NON-MULTIPLE, MANUALLY OPERATED TELEPHONE SWITCHBOARD. MAGNETO & COMMON BATTERY LINES. 20 MAGNETO, 40 CB, 4 TWO WAY MANUAL, DIAL DROP END TRUNK CKT., 5 CONFERENCE JACKS, 3 OUTGOING CKT., 2 THRU-LINE & 13 UNIVERSAL CORD CKT. WITH CHEST MICROPHONE & HEADSET.
 SIZE: 52x22x31; WT: 300 LBS.
 USED \$59.50

WD-1/TT INFANTRY FIELD WIRE; 2 COND. TWISTED PAIR 4 TINNED COP PER, 3 GALV. STEEL, NYLON JACKET WEATHER MOISTURE & FUNGUS RESIS. APPROX. 1200 FT. ON METAL SPOOL \$15.00; APPROX 1 MILE ON METAL SPOOL 4 LENGTH OF APPROX 1250 FT. \$40.00; COND. USED GOOD



WD-7 COPPER WELD FIELD TELEPHONE WIRE; 2 COND. TWISTED PAIR EACH COND. 7 STRAND #28 COPPER WELD. NEW MANUFACTURE. \$.03 PER FT. 1000 FT. OR MORE \$.025 PER FOOT.



BD-95 SWITCHBOARD: CORDLESS LOCAL BATTERY UNIT EQUIPPED WITH LINE LAMP SUPERVISION AND DESIGNED FOR SWITCHING LOCAL BATTERY LINES MAGNETO TYPE, MAY BE MODIFIED FOR COMMON BATTERY LINES ALSO CAN BE USED WITH OTHER TRUNK, TIE LINE LOCAL BATTERY SWITCHBOARDS.
 RE-NEW
 SIZE: 22x14x14; WT: 250 LBS. PRICE: \$24.95



A-202 CODE PRACTICE TELEGRAPH KEY WITH BUZZER AND CORD. ADJUSTABLE KEY WITH ADJUSTABLE BUZZER THAT WILL OPERATE FROM 9-12 VOLT D.C MOUNTED ON BLACK BAKELITE BOARD WITH ENOUGH ROOM TO REST FIST, RUBBER FEET ON BOTTOM.
 KEY SIZE 4 1/2x1 1/2x1 1/2. BUZZER SIZE 1 1/2x1 1/2x1 1/2; BOARD 3 1/2x7 1/2x4; WT: 1 1/2 LB
 PRICE: NEW \$1.50



TG-10 KEYS IS A AUTOMATIC UNIT FOR PROVIDING AUDIBLE CODE PRACTICE SIGNALS FROM AN INKED TAPE RECORDING. THE OUTPUT OF THE KEYS IS AN AUDIO FREQ. NOTE OF 800 CYCLES PER SEC. WITH SUFFICIENT POWER TO SUPPLY A NUMBER OF HEADSETS OR PRACTICE TABLES DIRECT OR TAPE PULLER FOR A RECORDER. OPERATES FROM 115 VOLT 60 CYCLE. COMPLETE WITH TUBES; 2/6N7, 2/6L6, 2/6SJ7, 1/5U4 & 1/923.
 SIZE: 24x11x18; WT: 63 LBS.
 PRICE: USED CHECKED \$19.95 NOT CHECKED \$14.95



VO-3 OSCILLATOR IS AN ELECTRO-AUDIO TONE GENERATOR WITH A 10 WATTS OF POWER OUTPUT AT A FREQ. OF 800 CYCLES PER SEC COND. THIS POWER IS ADEQUATE FOR SUPPLYING TONE TO 200 HEADSETS THAT CAN BE KEYS BY THE INSTRUCTOR OR STUDENTS AND FEED INTO A SPEAKER OR RECORDER. OPERATES FROM 115 VOLT 60 CYCLE, COMPLETE WITH TUBES 1/6SN7, 1/5U4 & 2/6V6GT, OUTPUT 4, 8, 12 & 16 OHMS. SIZE: 12x10x7 1/2; WT: 24 LBS.
 PRICE: \$12.95 USED

GAS ENGINE GENERATOR



COMPACT, LIGHTWEIGHT, PORTABLE ELECTRIC GENERATING SET CONSISTING OF A 1 HP, 3000 RPM 1 CYLINDER, AIR COOLED, 2 CYCLE, MANUAL ROPE STARTING GASOLINE ENGINE DIRECTLY CONNECTED TO A DC, SHUNT WOUND, SELF EXCITED, FOUR POLE GENERATOR MOUNTED IN A FRAME OF TUBULAR CONSTRUCTION MOUNTED ON A RUBBER SHOCK MOUNTING. GENERATOR OUTPUT IS 6.2/7 VDC 3.5 AMP. AND 500 VDC 230/250 MA. UNIT HAS JUNCTION BOX FOR CONNECTING CABLES FOR USE WITH RADIO SETS SCR-694/BC-1306, AN/GRC-9/RT-77 AND IS APPLICABLE TO OTHER EQUIPMENT. COMPLETE WITH TOOL AND INSTRUCTION BOOK. SIZE: 17 1/2x16 1/2x11 WT: 5 1/2 SHPG. WT: 125 LBS.
 NEW \$39.95



MULTIPEX

PHILCO CST-2 SIGNALING AND TERMINATION UNIT. FOR USE IN MULTIPLEX SYSTEMS FOR TRANSMISSION OF DIAL OR RINGDOWN SIGNALING AND TERMINATES A FOUR WIRE CIRCUIT OF THE MULTIPLEX INTO A TWO WIRE TELEPHONE CIRCUIT. A 3.5 KC TONE IS USED FOR SIGNALING. ALSO HAS CONTROLS FOR PROPER ATTENUATION OF VOICE LEVEL. OPERATES FROM 115 V. 60 CYC. AND IS COMPLETE WITH 2/12AU7 TUBES, RELAYS, RACK MGT. 19x4x12; WT: 25 LBS.
 PRICE: UNUSED \$9.95



CN-359/GPA-23 REGULATOR VOLTAGE. 120/208 VOLTS 60 CYCLE, 3 PHASE, 27 KVA. MOTOR DRIVEN POWERSTAT ELECTRONICALLY CONTROLLED. THREE SEPARATE SYSTEMS THAT WILL GIVE CONTROL, 3 PHASE IN, 3 PHASE OUT OR 3 PHASE IN, SINGLE PHASE OUT OR CAN BE DISMANTLED AND HAVE THREE SEPARATE SINGLE PHASE IN AND SINGLE PHASE OUT. CONSISTS OF 3 MOTORIZED POWERSTAT TRANSFORMERS 3 LOW VOLTAGE TRANS. 3 ELECTRONIC CONTROL CHASSIS, SWITCHES, FUSES, METER ETC. USED CHECKED
 SIZE: 27x31x26; WT. SHPG. 420 LB. \$175.00

COMPUTER CONTROL

CP-53/APC-31 COMPUTER AZIMUTH CONTROL UNIT. CONTAINS A GYRO UNIT, 5 SYNCHRO 1 1/2" TYPE 400 CYCLE, 2 SPERRY DC SERVO MOTORS R5663916, RELAYS, TERMINAL STRIPS, SEVERAL SIZES OF GEARS, RESISTORS, CONDENSERS, TWO SERVO AMPLIFIERS # 673097 (PLUG IN TYPE) WITH 6 TUBES, AND HEATING ELEMENT. ALSO 115 V. 400 CYC. 1 1/2" ELAPSED TIME INDICATOR. SIZE: 11x9x15 1/2; WT: 18 LB. \$7.95



MODULATOR

GENERAL ELECTRIC MODULATOR NO. 4UX10C1. TELEPHONE-TELEGRAPH TYPE UNIT FOR RACK MOUNTING, DUAL CHANNEL OPERATION USING 12AT7, 12AV7 AND 12AT7 EA. CHAN. FEEDING 12AV7, SEVEN TUBES IN ALL. TWO TRANS, 600 OHM CT. PRI. 250K OHM SEC. SIZE 1 1/2x1 1/2x2, TWO RELAYS DPDT AUTOMATIC #772962-33, FOUR S0-239 COAXIAL CONNECTORS FOR TIMER AND VIDEO. SEVEN VARIABLE CONTROLS AND 6 TEST JACKS.
 SIZE: 19 1/2x7x7; WT: 15 LBS. UNLSD \$7.95



RT-7/APN-1 RADIO AIRCRAFT ALTIMETER RECEIVER-TRANSMITTER FM 418-462 MC. INDICATES ON INSTRUMENTS 10-14 /APN-1 & SA-1/ARN-1 SHOWN ELSE WHERE IN THIS CATALOG. WITH TUBES 3/12SJ7, 4/12 SH7, 2/12H6, 2/955, 2/9004 & 1/VR-105 ALSO 24VDC DYNAMOTOR THAT SUPPLIES THE HIGH VOLTAGE.
 SIZE: 8x18x8 1/2; WT: 25 LBS. PRICE: USED \$6.95
 MT-14 MOUNTING FOR RT-7/APN-1 \$2.75
 1D-14/APN-1 RADIO ALTITUDE METER 1.50
 SA-1/ARN-1 ALTITUDE LIMIT SWITCH 1.50
 AT-4/APN D1-10 ANTENNA USED CRACKED IN 2.95
 CONNECTOR PLUGS TO FIT R/T-IND-METER EA. 1.50

U.H.F. TUNERS

ULTRA HIGH FREQUENCY ASSY. TUNING UNIT USING 2C39 TUBE AS DRIVER AND A 2C39 AS A POWER AMPLIFIER. FREQ. OUTPUT 225-350 MC. 6F4 TUBE USED AS OSCILLATOR 112-175 AND 6F4 DOUBLER CIRCUIT. TUNED CIRCUITS ARE GANGED FOR SINGLE KNOB CONTROL ALSO HAS HAYDON 4.5 V. 75 MA. 12 RPM TIMER MOTOR. REMOVED FROM ARC-12 EQUIPMENT.
 SIZE: 10x6x4; WT: 7 LBS. #KS-10362
 PRICE: LESS TUBES \$3.95



ULTRA HIGH FREQUENCY TUNER; CONSISTS OF RECEIVER R.F AMP LIFIER, MIXER AND H.F OSCILLATOR, 225 TO 350 MC. OUTPUT TO I.F 15.1, USES 6/6AK5 AND 1/6AS6 TUBES. ALSO CRYSTAL BETWEEN 13 AND 41.5 MC. VARIABLE CONDENSERS 1/4 GANG 4-24 MMFD. PER SEC. OTHER 4 GANG 3 SEC. 4-25 MMFD. 1 SEC. 5-41 MMFD. SINGLE DIAL CONTROL. RE-MOVED FROM ARC-12 EQUIP. SIZE: 8x5x3; 4LB. KS-10329 LESS TUBES
 PRICE: \$1.95

TELETYPE PAPER

TELETYPE PAPER 8 1/2 INCHES WIDE 4 1/2 INCH DIAMETER THREE SHEETS OF PAPER 2 SHEETS CARBON, 4 LBS. PRICES: EACH ROLL 50¢; 12 ROLLS \$5.00
TELETYPE PERFORATOR TAPE 11/16" WIDE APPROX. 900 FT. OILED, 10 ROLLS \$2.50

GENERATOR

GN-41B LARGE HAND CRANK GENERATOR WITH PERMANENT MAGNETS. USED TO RING TELEPHONE LINES, HAS OUTPUT OF APPROX 100 VOLTS DEPENDING ON SPEED THAT CRANK IS TURNED. CAN ALSO BE USED AS SHOCK MACHINE, LIGHT SMALL PILOT LITES DRIVE WORMS OUT OF THE GROUND BY WIRING THE OUTPUT TO THE METAL STAKES AND PUSHING THEM INTO THE LAWN AND FOR OTHER USES.
 SIZE INCLUDING CRANK 6 1/2x3x2 1/2; WT: 3 LBS \$3.95



CP-103/APA-44 RANGE COMPUTER, PART OF AIRCRAFT COMPUTER LANDING SYSTEM. WITH 2 MOTORS, 2 AUTOSYNE 2 MICROPOTS, SLIP RING, RELAYS, RECTIFIERS, PRECISION RESISTORS, 12 GRAIN OF WHEAT LAMPS, SPIN KNOBS, SWITCHES DIALS ETC
 SIZE: 7 1/2x12 1/2x8; WT: 25 LBS. USED \$12.95

MAGNETIC AMPLIFIER

TRANSMITTER SUB-ASSY. FILAMENT CHASSIS, PART OF AN/ALT-8 COUNTERMEASURES SET. CONSISTS OF CK927 FULL WAVE RECTIFIER CK843 SILICON RECT. TWO CK445 SILICON RECT. MAGNETIC AMPLIFIER TRANS. FIL. TRANS. 115/400CYC. SEC. 6.3/6A. MINIATUR POT. AND DPST RELAY ALL MOUNTED ON CHASSIS 7 1/2x3x3 1/2; WT: 3LBS. PART#2527-501-G1
 PRICE: NEW \$1.95

TS-545 ECHO BOX; USED FOR CHECKING RADAR SETS IN THE FREQ. RANGE 1150 TO 1350 MC. TUNED CAVITY MANUAL TYPE METER 3 1/2"-100 DC MICRAMPERES.
 SIZE: 16x9x9; WT: 23 LBS. USED \$39.50

TS-270 ECHO BOX; SIMILAR TO ABOVE ONLY FREQ. 2630 TO 2970 MC.
 PRICE: USED \$39.95

TG-34A KEYS

CODE PRACTICE SET USED TO REPRODUCE SIGNALS PREVIOUSLY RECORDED ON INKED PAPER TAPES. VARIABLE SPEED MOTOR, KEYING OSCILLATOR WITH SPEAKER AND PHONE JACK. OPERATES FROM 115/230 50/60 CYC. HOUSED IN PORTABLE CARRYING CASE. SIZE 15x10x10; WT: 40 LBS.
 PRICE: RE-NEW, CHECKED \$24.95

BLANK PAPER TAPE FOR TG-34 & TG-10 3/8" WIDE 800 FT. LONG, APPROX. 8" REEL. PRICE: 5 REELS FOR \$1.25

INVERTERS



EICOR INVERTER X3516-1
 INPUT: 27.5 VDC 165 AMPS.
 OUTPUT: 115 VOLT 400 CYCLE
 2500 V.A 1 PHASE
 SIZE: 16x11x8; WT: 75 LBS.
 EXCELLENT COND. \$49.50

PE-218D INVERTER
 INPUT: 25/28 VDC 80-90 AMP
 OUTPUT: 115 VOLT 400 CYCLE
 13 AMP. 1 PHASE
 SIZE: 17x10x9; WT: 75 LBS.
 PRICE: UNUSED \$50.00

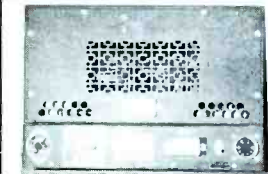


MG-149F INVERTER
 INPUT: 24 VDC 36 A. 750VA
 OUTPUT: 115 V 400 CYCLE
 1 PHASE 500 VA & 26 V 400
 CYCLE 1 PHASE 250 VA.
 SIZE: 12x8x8; WT: 25 LBS.
 PRICE: USED \$24.95

MG-153 INVERTER
 INPUT: 24 VDC 52A 1000 VA
 OUTPUT: 115 V 400 CYCLE
 3 PHASE 750 VA & 26 V 400
 CYCLE 1 PHASE 250 VA.
 SIZE: 12x8x8; WT: 28 LBS.
 PRICE: USED \$24.95

PE-104 POWER CONVERTER
 6 OR 12 VDC
 INPUT, OUTPUT
 90 VDC. 1 1/2 VDC AND -45 VDC
 SIZE: 4x4x7; WT: 10 LBS.
 NEW \$3.95 W/EXTRA VIB. \$4.95

TRANSFORMER FOR TRANSISTORIZED POWER SUPPLY.
 FROM 12 VDC INPUT OUTPUT 450 VDC 200 MA. HAS IRON CORE FEED-BACK WINDING (1000 CYCLE) CIRCUIT DIAGRAM FURNISHED. SIZE: 2 1/2 x 2 1/2 x 2 1/2; WT: 2 LBS. #150-95 \$3.95



RA-52 AC POWER SUPPLY
 Power Supply used with SCR-522 Transmitter-Receiver supplies all the necessary voltages.
 INPUT: 115/230 60 cycle
 OUTPUT: 300 VDC 230 MA.
 -150 VDC 8 MA.
 13 VDC 3.9 AMPS.
 Completely fused & filtered.
 Size 16 x 11 1/2 x 11 Wt. 75 lbs.
 PRICE: USED CHECKED \$59.50



G-24 AC & DC GENERATOR
 OUTPUT
 115 VAC 800 CYCLE 10.5 A.
 28 VDC 60 AMP. @ 2400 RPM.
 SPLINED SHAFT SIZE 7/8 x 1 1/2
 SIZE: 6 1/2 x 7 1/2 x 13; WT: 45 LBS.
 RE-COND. \$19.95



D.C. AIRCRAFT MOTOR
 GE# 58A50LJ29-HP .4
 RPM 3000 ARM.V 60 FLD.V 27
 AMPS. FLD. 2.3, ARM. 6.5
 DUTY 10 MIN. INT. AT FULL
 RATING.
 SHAFT, CORK SCREW 5/8" DIA.
 FLANGE MTG. 3/8 IN CNTS.
 SIZE 6 1/2" LESS SHAFT 4 1/2 x 4 1/2
 WT: 11 LBS. UNUSED \$4.95



AIRCRAFT MOTOR
 MAXSON MODEL 118 H.P. 1
 RPM 5800; 24 VOLTS DC
 55 AMPS.; SPLIT FIELD,
 REVERSIBLE SHUNT, DOUBLE
 END SHAFTS WITH GEAR 1/2"
 1/3-8", FLANGE MTG. 3/8" CT.
 SIZE: 6 1/2 x 4 1/2 x 4 1/2; WT: 15 LBS.
 UNUSED \$4.95

ELECT. ENG. MFG.
 Type C-368, 26VDC
 35 AMPS. 600 WAT
 1/2 HP, APP. 3000
 RPM. VERT. KEYED
 SHAFT 3/8" DIA. 3/16 SLOT.
 FL. MTG. 3/8" CT. 7" LG. \$4.95

INVERTER
 INPUT
 27.5 VDC 60A
 OUTPUT
 115 V 400 CY
 750 W 3 PHASE
 26 V 400 CY
 50 W 1 PHASE
 SIZE 11x10x6; WT: 40 LBS.
 LELAND#10285 USED \$34.95

INVERTER
 INPUT
 27 1/2 VDC 22A
 OUTPUT
 115V 400 CY
 3 PH 250 VA
 SIZE 9x6x4; WT: 15 LBS.
 ECLIPSE#E-1617-1 USED \$14.95



VIBRATOR POWER SUPPLY
 TWO 6 VOLT SUPPLIES ON A
 COMMON CHASSIS USING OZ4
 RECTIFIER TUBES, OUTPUT 540
 VDC @ 150 MA. CAN BE TAPPED
 AT 270 VDC 150 MA.
 SIZE: 9x6x5; WT: 10 LBS.
 STK#3H6694-5 UNUSED \$9.95



MINI VIBRATOR SUPPLY
 PP-855/PRC-14, AIRPAX No.
 A-1063, VIBRATOR TYPE WITH
 FILTER NETWORK, INPUT 6VDC
 5.35 AMPS. OUTPUT 135 VDC
 155 MA. VIBRATOR MOUNTS
 OF UNIT. 7 1/2 x 2 1/2 x 2 1/2; WT: 3 LBS
 NEW \$4.95



PP-18/AR VIBRATOR TYPE CONVERTER
 INPUT 12VDC 4 AMP
 OUTPUT 28 VDC 1.5
 AMPS. FILTERED.
 USES A NITROGEN
 SEALED VIBRATOR. USED TO OP
 ERATE 28 VOLT EQUIPMENT FRO
 12 VOLTS. TWO OR MORE CAN
 BE WIRED IN PARALLEL TO OBT
 AIN A HIGHER CURRENT OUTP
 UT. WITH PLUGS, MTG & SPARI
 VIBRATOR, 6 1/2 x 5 x 8 1/2; WT: 9 LBS.
 NEW \$7.95 USED \$4.95

FT-498 SHOCK MOUNTING WITH FOUR 10 LB. RUBBER MOUNTS ON A ALUMINUM PLATE 13x8x1 1/2; WT: 2 LBS. PRICE: \$1.00

VOLTAGE REGULATOR
 INPUT 21-30 V.D.C
 5 AMPS. REGULATION
 18-30 vdc #4511281
 SIZE: 4x3 1/2 x 3 LBS.
 \$1.50

PI GENERATOR

OUTPUT: 28 VDC 200 AMPS.
 2500 TO 6000 RPM.
 SPLINED SHAFT 7/8 x 1 1/2;
 SIZE 6x8x1 1/2; WT: 48 LBS.
 PRICE: USED \$19.95

MG-253 MOTOR GENERATOR
 115 VOLT D.C
 2.4 AMP. INP.
 115 VOLT 400
 CYCLE 1.22A.
 SIZE: 15x12x8
 WT: 83 LBS.
 UNUSED \$25

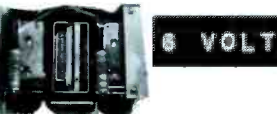
5D21NJ3A INVERTER
 INPUT: 27 VDC 35 AMPS.
 OUTPUT: 115 VAC 400 CYCLE
 1 PHASE 2.17 AMPS.
 SIZE: 9x6 1/2 x 5 1/2; WT: 25 LBS.
 USED \$16.95 UNUSED \$24.95

GENERATOR GAEN-211219C
 OUTPUT: 12.5 VDC 4 AMPS.
 240 VDC 100 MA.
 INPUT DRIVE: 3/16 HP.
 3450 RPM.
 SHAFT SIZE: 3/8 x 1 1/2
 MOTOR SIZE: 5 x 6 x 9 WT. 25 LBS.
 Used: \$4.95 New \$6.95

1100 VDC 400 MA
 INPUT: 24/28V 27
 OUTPUT: 1100 VDC
 400 MA.
 SIZE: 10 1/2 x 6 1/2; WT: 30 LBS.
 TYPE SU125 UNUSED \$16.95

SOLID INVERTER

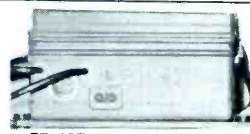
SOLID STATE SUPPLY 12 VDC
 INPUT 12 VDC @ 1 AMP.
 OUTPUT 26 V 400 CYCLE 26 W
 DESIGNED FOR REMOTE READING
 MAGNESIUM COMPASS SYSTEM.
 SIZE: 5x2x1 1/2; WT: 1 LB.
 #WS-957 NEW MANUFACT. \$15.00



CARTER MAGMOTOR DYNAMOTOR
 INPUT: 6 VDC 3.6 AMPS.
 OUTPUT: 250 " 30 MA.
 SIZE: 3 1/2 x 5 x 3; WT: 6 LBS.
 UNUSED-RE-MOVED \$4.95

INVERTER 800-1-A
 WT. 35 lbs.
 Size 4 1/2 x 8 x 12

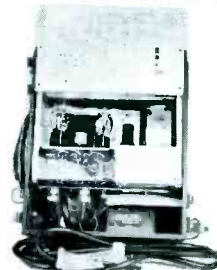
INPUT: 24 VDC 75 AMPS.
 OUTPUT: 115 VAC 800 CYCLE
 1 Phase 10.5 AMPS.
 USED \$12.95



PE-237 POWER SUPPLY VIBRATOR TYPE
 INPUT: 6 VDC 27 AMPS.
 12 VDC 13.2 " 24 VDC 7 " 6.5 VDC 2 AMPS.
 OUTPUT: 525 VDC 90 MA. 105 VDC 42 MA. 6 VDC 500 MA. 1.3 VDC 450 MA. 130 VDC 17 MA.
 With tubes & vibrator.
 Size 10 x 10 x 17 Wt. 70 lbs.
 USED \$14.95 RE-NEW \$19.95



CARTER GENMOTOR MOTOROLA#259K1003
 INPUT: 26.1 VDC 7 AMP
 OUTPUT: 405 VDC 270 MA.
 SIZE: 7x4x5; WT: 12 LBS.
 USED \$2.95 NEW \$3.95



PE-120 Power Supply
 INPUT: 6 VDC 4.5 AMP.
 12 VDC 2.5 AMP.
 24 VDC 1.5 AMP.
 OUTPUT: 145 VDC 75 MA.
 90 VDC 40 MA.
 1.5 VDC .75 AMP.
 Vibrator type voltage regulated complete with tubes OB-3/VR-105, 1005 & Ballast. Also vibrator for 12 VDC.
 Size 4 1/2 x 1 1/2 x 1 1/2 WT. 29 lbs
 RE-NEW \$7.95



VRC-2 DYNAMOTOR
 INPUT: 5.5 VDC 31 AMPS
 OUTPUT: 600 VDC 175 MA
 SIZE 7 x 4 1/2 x 4 1/2 WT: 8 LBS
 STK. # 3H1514-5
 PRICE RE-NEW \$7.95



PE-49 GASOLINE ENGINE GENERATOR
 GENERATOR OUTPUT 1000 VDC
 350 MA & 14.6 VDC 25 AMPS.
 ENGINE: 1 CYCL. 4 CYCLE
 APPROX. 3 HP.
 SIZE: 36x20x25; WT: 275 LBS.
 PRICE: \$75.00

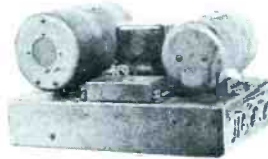


Size: 5 x 8 x 12 Wt. 35 lbs.
PE-98 DYNAMOTOR

INPUT: 14 VDC 21 AMPS.
 OUTPUT: 300 VDC 260 MA.
 150 VDC 10 MA.
 USED \$5.95 UNUSED \$9.95

PE-94 DYNAMOTOR

INPUT: 28 VDC 10.5 AMPS.
 OUTPUT: 300 VDC 260 MA.
 150 VDC 10 MA.
 14.5 VDC 5 AMPS.
 Used \$4.95



TCS POWER SUPPLY COLLINS 21881

INPUT: 12 VDC 14.5 AMP.
 OUTPUT: 400 VDC 200 MA.
 225 VDC 100 MA.
 Size: 7 1/2 x 7 x 13 Wt. 28 lbs.
 GOV'T RECORD. \$14.95



DY-17 USED \$12.95
 INPUT: 27 vdc 32 AMPS.
 OUTPUT: 400 vdc 750 MA.
 750 " 350 " 750 " 350 " 750 " 350 "
 SIZE: 6 1/2 x 8 x 12; WT: 30 LBS.
DY-12 WINCHARGER, WRITE AS TO AVAILABILITY AND PRICE.

VIBRATOR PACK

VIBRATOR PACK 12 VDC MALLORYG369
 OUTPUT 275 VDC @ 80 MA
 SELF-RECTIFY
 SIZE: 5 1/2 x 6 x 3
 WT: 7 LBS.
 USED \$4.95

MALLORY VIBRATOR PACK 12 VDC @ 3 AMPS. OUTPUT 300 VDC @ 100 MA. #12B300C
 LESS RECTIFIER TUBE. 10 LBS
 SIZE: 6 1/2 x 4 x 4 1/2; USED \$4.95

TBY VIBRATOR PACK CLG20144
 INPUT 4 VDC @ 2.5 AMP.
 OUTPUT 156V @ 35MA. 1.5V @ 190MA. -7.5V @ 30MA. (USED)
 SIZE: 6 1/2 x 4 1/2 x 3 1/2; 8 LBS. \$4.95



DY-9B/ARC DYNAMOTOR
 INPUT VOLTS AMPS. OUTPUT VOLTS AMPS.
 26 4.3 360 CONT. 135
 26 7.8 310 INT. 355
 SIZE: 9x5x3 1/2; WT: 10 LBS.
 RE-MOVED F/EQUIP. \$9.95

DYNAMOTORS



Size 6½ x 10 x 11 WT. 38 Lbs.
With fuses and starting relay.

HD-77 DYNAMOTOR

INPUT: 14 VDC 39 AMPS.
OUTPUT: 1000 VDC 350 MA.
UNUSED \$12.95

PE-73 DYNAMOTOR

INPUT: 28 VDC 19 AMPS.
OUTPUT: 1000 VDC 350 MA.
WRITE FOR PRICE

DM-42 DYNAMOTOR



USED \$4.95

INPUT: 12 VDC 39 AMPS.
OUTPUT: 515 VDC 215 MA.
" 1030 " 260 MA.
SIZE: 7x7x11 WT: 38 LBS.



DYNAMOTOR ONLY
INPUT: 27 VDC 32 AMP.
OUTPUT: 400 VDC 750 MA
750 " 350 "
SIZE: 11½x5; WT: 17 LBS.
DY-17/ART-13 UNUSED \$9.95
DY-12/ " " \$14.95



PE-98 DYNAMOTOR ONLY
INPUT: 14 VDC 21 AMPS.
OUTPUT: 300 VDC 260 MA
-150 VDC 10 MA
SIZE: 12x5x5; WT: 26 LBS.
UNUSED \$5.95

PE-94 DYNAMOTOR ONLY
INPUT: 28 VDC 10.5 AMPS
OUTPUT: 300 VDC 260 MA
-150 VDC 10 MA
14.5 " 5 AMPS
SIZE: 12x5x5; WT: 26 LBS.
UNUSED \$4.95



DA-19A DYNAMOTOR
INPUT: 28 vdc 11 AMPS.
OUTPUT: 400 " 400 MA.
SIZE: 7½x4½x4½; WT: 13 LBS
UNUSED \$4.95

BRUSH SETS



DY-12
DY-17
BRUSHES
\$3.00

- | | | |
|-------|-------|-------|
| DM-21 | DM-25 | DM-32 |
| DM-33 | DM-34 | DM-35 |
| DM-37 | DM-40 | DM-41 |
| DM-43 | DM-45 | DM-53 |
| BD-83 | BD-93 | BD-77 |
| PE-73 | PE-86 | |
| DA-12 | DA-14 | DA-1A |
| DY-21 | DY-22 | |

35x032

OTHER TYPES ALSO AVAILABLE
SET OF FOUR BRUSHES \$1.00



Size 3 x 3½ x 4½, Wt. 3 lbs.

DM-32 DYNAMOTOR

INPUT: 28 VDC 1.1 AMPS.
OUTPUT: 250 VDC 60 MA.
Price: Used \$2.95 New \$4.95

TYPE 35 x 032
(Same as DM-32 only 12V)

INPUT: 14 VDC 2.4 AMPS.
OUTPUT: 250 VDC 60 MA.
Price: New \$4.95

DM-53 AZ DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 VDC 80 MA.
Price: NEW 7.95

DM-53 DYNAMOTOR

INPUT: 28 VDC 1.4 AMPS.
OUTPUT: 220 VDC 80 MA.
NEW \$6.95 USED \$3.95



Size 3 x 3 x 4½, Wt. 3 lbs.

DM-45 DYNAMOTOR

INPUT: 24 VDC 1.1 AMPS.
OUTPUT: 250 VDC 50 MA.
Price: Used \$2.95 New \$4.95

DM-25 DYNAMOTOR

INPUT: 12 VDC 2.2 AMPS.
OUTPUT: 250 VDC 50 MA.
Price: Used \$2.95 New \$4.95



WEST 12B534 DYNAMOTOR

INPUT: 24 VDC 1.75 AMPS.
OUTPUT: 300 VDC 70 MA.
Price: Used \$2.95 New \$4.95

Size 3 x 3 x 4½, Wt. 3lbs.
Dynamotors listed below
same size only less base.

DM-6936 DYNAMOTOR

INPUT: 28 VDC 1.1 AMPS.
OUTPUT: 250 VDC 60 MA.
Used \$1.95 Unused \$3.95

DMX-310A DYNAMOTOR

INPUT: 12 VDC 2.8 AMPS.
OUTPUT: 150 VDC 100 MA.
Used \$2.95 Unused \$4.95

TYPE 5047 DYNAMOTOR

INPUT: 27 VDC 1.75 AMPS.
OUTPUT: 285 VDC 75 MA.
Used \$3.95 Unused \$5.95



PM DYNAMOTOR
INPUT: 120r24
VDC @ 8½4 AMP
OUTPUT: 275VDC
@110 MA & 12
VDC @ 3 AMPS. CAN ALSO BE
USED TO GET 24V w/12V INPUT
7½x4½x3; 6LBS #0516 \$6.95



Size 3 x 4½ x 6½, Wt. 5 lbs.

DM-31 DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 VDC 80 MA.
Used \$2.95 Unused \$4.95

DM-36 DYNAMOTOR

INPUT: 28 VDC 1.4 AMPS.
OUTPUT: 220 VDC 80 MA.
Used \$2.95 Unused \$4.95



Size 3½ x 5 x 5½, Wt. 3½ lbs.

DM-86 DYNAMOTOR

INPUT: 28 VDC 1.25 AMPS.
OUTPUT: 250 VDC 60 MA.
PRICE: Used \$2.95 New \$4.95



Size 3½ x 5 x 6½, Wt. 5½ lbs.

DM-28 DYNAMOTOR

INPUT: 27.9 VDC 1.25 AMP
OUTPUT: 220 VDC 70 MA
PRICE: USED \$6.95



INPUT: 12 VDC 9.9 AMP.
OUTPUT: 400 " 180 MA.
SIZE: 4x4½x7; WT: 10 LBS.
PRICE: UNUSED \$6.95

DA 13A SPEAKERS
WITH BAS

INPUT: 14/28 VDC 3.3/1.6 A
OUTPUT: 230 VDC 100 MA.
SIZE: 3½x3½x6; WT: 6 LBS.
UNUSED \$6.95



DM-21 DYNAMOTOR

INPUT: 14 VDC 3.3 AMP.
OUTPUT: 235 VDC 90 MA.
SIZE: 6x5x3; WT: 8½ LBS.
PRICE: USED \$7.95



DY-21 DYNAMOTOR

INPUT: 27 VDC 7 A
OUTPUT: 410 " 325 MA.
SIZE: 7½x3x3½ WT: 8½ LB
PRICE: USED \$7.95



Size 4½ x 5½ x 6½, Wt. 10½ lbs.

HD-83 DYNAMOTOR

INPUT: 14 VDC 6.5 AMPS.
OUTPUT: 375 VDC 150 MA.
UNUSED \$7.95

CW21441 DYNAMOTOR

INPUT: 28 VDC 2.9 AMP
OUTPUT: 330 " 135 MA
NEW \$3.95

DM-416 DYNAMOTOR

INPUT: 28 VDC 3.1 AMPS.
OUTPUT: 330 VDC 470 MA.
Used \$1.95 Unused \$3.95

DM-93 DYNAMOTOR

INPUT: 28 VDC 3.2 AMPS.
OUTPUT: 375 VDC 150 MA.
Used \$2.95 Unused \$4.95



Size 4 x 7 x 6½, Wt. 10½ lbs.

PE-133 DYNAMOTOR

INPUT: 12 VDC 2.3 AMPS.
OUTPUT: 230 VDC 90 MA.
Used \$4.95 Unused \$6.95



Size 5½ x 6 x 8½, Wt. 12½ lbs.

TYPE 377 DYNAMOTOR

INPUT: 14 VDC 8 AMPS.
OUTPUT: 425 VDC 163 MA.
Used \$6.95 Unused \$9.95



Size 5½ x 3½ x 7, Wt. 7 lbs.

DM-40 DYNAMOTOR

INPUT: 14 VDC 3.4 AMPS.
OUTPUT: 172 VDC 138 MA.
PRICE: USED \$3.95

INPUT: 13/26 vdc 12.5/6.3A
OUTPUT: 400 " 135 MA.
800 " 20 "
9 v 80 cyc 1.12 AMP.
SIZE: 14x4½x7; WT: 15 LBS.
PRICE: NEW \$7.95

CONNECTOR PLUG 1.50



Size 4½ x 4½ x 8½, Wt. 13 lbs.

DM-15 DYNAMOTOR

INPUT: 12.5 VDC 18.7 AMPS.
OUTPUT: 625 VDC 225 MA.
Gov' RE-NEW \$20.00

DM-37 DYNAMOTOR

INPUT: 25.5 VDC 9.2 AMPS.
OUTPUT: 625 VDC 225 MA.
UNUSED \$4.95



BD-69 DYNAMOTOR
INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 " 80 MA.
SIZE: 6½x6x4½; WT: 10 LBS.
UNUSED \$3.95



CAY-21772 DYNAMOTOR
INPUT: 12 VDC 3 AMPS.
OUTPUT: 235 VDC 75 MA.
SIZE: 6½x5x4 w/MTG. 7 LBS.
UNUSED \$4.95



INPUT: 28 VDC 1.6 AMP
OUTPUT: 230 VDC 100 MA
SIZE: 3½x3x5½; WT: 6 LBS.
UNUSED \$4.95



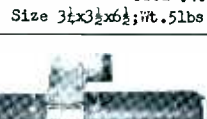
DM-33 DYNAMOTOR

INPUT: 28 VDC 5 AMPS.
OUTPUT: 575 VDC 160 MA.
USED \$9.95

Size 3½ x 4 x 7½, Wt. 8½ lbs.

DY-22 DYNAMOTOR

INPUT: 28 VDC 1.8 AMPS.
OUTPUT: 210 VDC 125 MA.
Price: Used \$4.95



PE-101C


WINCO TYPE 41S6
DUAL OUTPUT
INPUT: 13 vdc 13 A.
OUTPUT: 300 vdc 225 MA
250 " 60 "
SIZE: 8½x4½x4; WT: 10 LB
PRICE: UNUSED \$7.95


AC-DC Motors


Hi-Speed


Gear Reductions


Blowers


 DELCO P.M. MOTOR 5067125 27.5 VDC 10,000 RPM W/GOVERNOR, SIZE: 3x1x1; SHAFT TAPERED 1/16 TO 3/16, THREADED END. PRICE: RE-MOVED \$3.95
GE5BA10AJ37A MOTOR 250 RPM 8 OZ. IN. TORQUE .5 A. 27 VDC REVERSIBLE. SIZE 3x1 1/2, SHAFT SPLINED 1/8" \$3.95


 DELCO PM MOTOR 5069600 250 RPM 27 VOLTS D.C. W/ 1/2" X 1/2" SPLINED SHAFT 8 IN. OZ. TORQUE, SIZE 4x1 1/2 X 1 1/2 AT: 8 OZ. PRICE: USED \$8.95
 DELCO PM MOTOR 5067126 125 RPM 1/2" SHAFT WITH SLOTTED ADAPTER O/W SAME AS ABOVE \$8.95
GE5BA10AJ8D MOTOR 110 RPM NOT PM SAME AS ABOVE \$5.95


 HOLTZER-CABOT DUAL SPEED GEAR REDUCTION MOTOR, 115 V. 60 CYCLE, 1 PHASE, ONE SHAFT 40 RPM, OTHER 165 RPM 24 OZ. IN. TORQUE, .4 AMP. MOTOR SIZE 4 1/2 X 4 1/2 X 5 1/2, SHAFT 3/8 X 4-40 RPM, 1/8 X 3/8-165 RPM. #RBS-3712 \$9.95


 RATCHET MOTOR, 24 VOLT DC 60 RPM CONTINUOUS ALSO 3 POSITION STOP. BAND SWITCH ASSEMBLY AS USED IN R-5/ARN-7 COMPASS RECEIVER. UNIT WILL ALSO OPERATE ON 18 TO 24 VDC. SIZE: 3x4x1 1/2; WT: 1 1/2 LBS. STK# 609-ARN-7 PRICE: \$1.25


 WESTINGHOUSE BUSINESS MACHINE MOTOR 25 MHP 115 VOLTS 50/60 CYCLE .5/.4 AMPE TYPE FL 4.0/3.0 MFD. 1425/1725 RPM. SIZE: 4 1/2 X 4 X 4; WT: 5 LBS. SHAFT 5/16 X 3/8 FLATENED. FOR USE IN RUBBER SHOCK MOUNTING BRACKET PRICE: NEW \$4.95


 TELETYPE MOTOR AC; 110 VOLT 60 CYCLE 1 PHASE, NON-SYNCHRONOUS, 1/25 HP, 1800 RPM, 1.25 AMP., DOUBLE SHAFT 1 1/2 X 3/16 X 5/8 X 3/16, MOTOR SIZE 5 1/2 X 5 1/2; WT: 13 LBS. GE#28478 USED \$4.95

 ELECTRO COUNTER & TIMER MOTOR, 115 VOLT 60 CYCLE, 14 RPM, USED TO TURN TUNERS, HIGH POWER TORQUE, INTERMITTENT OPERATION SIZE: 3x4x3; WT: 2 LBS. #MA201752 \$1.50


 HEAVY DUTY REVERSIBLE GEAR-HEAD MOTOR, 28 VDC 8 AMP. 100-200 RPM 2 1/2 LB. FT. TORQUE, OSTER#KU-IL-1R SIZE: 7 1/2 X 10 X 5; SHAFT 7/16 X 3/4; 14 LB. PRICE: RE-MOVED F/ EQ. \$7.95


 AS 874/APX ANTIENN ROTOR WITH SELSYN GENERATOR GE #2J1F3. CENTER FEED THROUGH FOR RF CABLE TO ANTENNA. 28 VDC @ 4 AMPS. APPROX. 33 RPM NO LOAD. ROTOR HAS 4 INCH X 1/2 INCH DISK FOR MOUNTING ANTENNA TO ROTOR. 9 1/2 X 12 X 10 WT. 25 LBS. USED \$19.95


 PM MOTOR ASSEMBLY & GEAR TRAIN USED IN R-44 RECEIVER FOR REMOTE TUNING. CONTAINS DELCO PM MOTOR #5069370, 10,000 RPM ATTACHED TO A GEAR ASSY. THAT HAS TWO SHAFTS 80 RPM AND IS GEARED TO TWO SHAFTS WITH 3" & 1/2" GEARS THAT THAT TURN AT 40 & 80 RPM. ASSY SIZE 4 1/2 X 6 X 3; SHAFT SIZES 1/2 X 3/4 WT: 3 1/2 LBS. STK. #3H3100-15 PRICE: \$4.95

 GENERAL ELECTRIC 58A25DJ300 24 VDC @ 2 AMPS., 4500 RPM, REVERSIBLE, GOVERNOR CONTROL MAGNETIC BRAKE, FLANGE MOUNT, SIZE 2 1/2 X 5 1/2; WT: 3 LBS., SPLINED SHAFT 3/16 X 7/8 PRICE: \$2.95


 DELCO P.M. MOTOR #5069466, 27.5 VDC IN ALUMINUM CASE GEARED TO WORM GEAR MOTOR SIZE 1 1/2 X 1 1/2 X 2 1/2, 10,000 RPM. CASE SIZE 2 1/2 X 2 1/2 LESS MTG. SIZE. WORM GEAR 2000 RPM, WT: 2 LBS. STK# 3H3100A-1 PRICE: \$2.95


 John Oster type C 24A-1B - KS-5829-01 27 VDC 1/100 HP 7000 RPM DC Series Motor 2" D. X 3" L. Shaft 1/2 X 1 Wt. 1 lb. Price \$.75


 MERCURY MOTOR 24 TO 28 VOLT 60 CYCLE OPEN FRAME TYPE, APPROX 2500 TO 3000 RPM DEPENDING ON OPERATING VOLTAGE & LOAD. SIZE: 2 1/2 X 2 1/2 X 3; WT: 1 LB. #MER-MC2428 75#


 EMC TYPE 300, 45 V 60 CYC, 6 1/2 RPM LIGHT OPEN FRAME 5x2 1/2 x 1 1/2; SHAFT 3/16x1; 1 LB. \$1.50


 12 VOLT D.C. MOTOR W/ MAKE & BREAK CONTACT, APPROX. 5000 RPM, 1/20 HP SIZE 4 1/2 X 3; SHAFT 1" X 1/2; #ENOT453 PRICE: \$1.95


 Delco 5069370 27 VDC Reversible PM Motor and Gear assm. in an Aluminum case. Output speed is 80 RPM through a friction clutch to a double shaft 1/2 X 3/4 on one side, 1/2 X 1 1/2 on the other. Size complete assm. 3 5/8 X 2 X 4 1/2 excluding shaft. Has built in noise filter system. Wt. 1 lb. 5 oz. Price..... \$ 4.95


 TG-10 KEYSER MOTOR, 115 VOLT 60 CYCLE 1550 RPM, SHAFT 1-7/8", GEARED TO 80 RPM. SIZE: 3 1/2 X 3 1/2 X 4 1/2; WT: 3 LBS. #3H3000-3 REMOVED FROM TG-10 EQUIPMENT \$2.95


 MOTOR OPEN FRAME, 117 V. 60 CYC 500 RPM 1 DIRECTION, 1000 OTHER. SHAFT 1/16 X 1/2 X 3/4; #B30B 2LB \$1.


 MOTOR 24 VDC, 2800 RPM, 6.5 AMP. 1/10 HP. SHAFT 1/2 X 1, REVERSIBLE. 5x3x3; 6 LB. EMERSON 0412 \$3.95


 BENDIX BAND CHANGE MOTOR #AC56566-2 OPERATES FROM 28 VDC. THREE POSITION POSITIVE STOP. WITH SWITCHES & WAFER ASSY. SIZE: 6x3x2 WT: 1LB. PRICE: \$2.95


 WE KS-5871-L01 MOTOR 28 VDC 3.3 A 5600 R.P.M. 1/25 H.P. SERIES WIND CONTINUOUS DUTY, REVERSIBLE, WITH SPEED GOVERNOR. (WILL ALSO OPERATE FROM 12 VDC AT REDUCED SPL SHAFT 1/2, MTR. 6 1/2 X 3 1/2; 5LB; U/U \$7.95

 Bendix LM108J 24VDC 1/25 HP 15,000 RPM Series Motor. Geneva Loc. Actuator. Shaft rotates 1/2 revolution and stops and is locked in place until next contact is made then the cycle is repeated-time per cycle app. 3 seconds. Size 4 X 2 1/2 X 5 1/2. Shaft size 1/2 X 1/2. Wt. 1 lb. 14 oz. Price..... \$ 4.95


 General Electric 58A25MJ424 - Type BA 24 V @ 4.2A 7100 RPM 1/20 HP Flange mount Motor size 2 1/2" X 5". Shaft size 1/2 X 1 Wt. 3 1/2 lbs. Price..... \$1.95


 ELECTROLUX MOTOR 28.5 VDC. 1.8 AMPS. 2200 RPM. 1/35 H.P. SHAFT SIZE 1 1/2 X 1/2 MOTOR SIZE: 4 1/2 X 3 1/2; WT: 5 LBS. PRICE: \$3.95

 B-203 MOTOR, REVERSIBLE, SPLIT FIELD, SERIES WOUND, 2 SHAFTS 5 RPM & 200 RPM W/MICRO-SWITCH ES. 26 VDC. 6x4x4; 4 LB. \$2.95


 EIGHTY (80) VOLT 60 CYCLE 78 RPM PHONO MOTOR ON MOUNTING PLATE. WILL ALSO OPERATE FROM 110 V W/RES. 3x3x3; 2LB \$5.95


 FLYER ELECTRIC MOTOR HEAVY DUTY 115 VOLTS AC-DC 50-60 CYC. 78 AND 33 1/3 R.P.M. 9x5x4 WT. 10 LBS. PRICE: \$1.50


 MERCURY MOTOR 8100, 115 VOLT 60 CYCLE, 1750 RPM, OPEN FRAME 3x2 1/2, SHAFT 1/2 X 1/2, WT: 1 LB. PRICE: \$1.00


 John Oster Shunt Motor B-9-1 27 1/2 VDC @ .7A. 5600 RPM. Aluminum Cased Motor and Gear assm. Motor is flange mounted. to the Gear case. 2 gear reductions 22 and 5 1/2 RPM on 1/2 X 1 1/2 shafts. Size 2 3/4 X 3 X 7". Wt. 1 lb. 14 oz. Price..... \$1.00


 ART-13 MOTOR 28 VOLT D.C. 3900 RPM, 1/20 H.P. REVERSIBLE, BALL BEARING. (WILL OPERATE 12 VOLT SIZE 3x3x3 1/2; 2LB. #B-101/803/800. PRICE: \$1.95


 OSTER 10 CFM Blower John Oster motor C2EP-1A 27.5 VDC 1/100 HP 6000 RPM with blower 10CFM. Size 3 1/2 X 3 1/2 X 4 1/2 Wt 1 1/2 Motor & Blower \$3.95 Motor only 1.95


 400 CYCLE BLOWER Eastern Air Devices 10 CFM Blower 115 Volt 400 cycle, 1/100 HP motor. Size 3 1/2 X 4 1/2 X 4 1/2 Wt. 1 lbs. Price: \$2.95

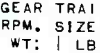
 PINCOR BLOWER Cast Aluminum housing shunt type motor 24 VDC 5000 RPM, 10 CFM blower. Motor noise filtered. WT 1lb 10 oz. Size 3 1/2 X 4 1/2 X 4 1/2. PRICE: \$2.95


 OPEN TYPE BLOWER Delco motor 5069267 27 VDC 6000 RPM, reversible shunt type, flange mount. WT 1 lb size 1-3/4 X 2-5/8 X 2 1/2. Motor-Blower \$1.95 Motor only \$1.50


 DELCO PM MOTOR 12 VDC 10,000 RPM, GEARED TO ASSY. APPROX 250 TO PLASTIC WHEEL & POT. 4x3x2; 1 LB. #5092543/2 \$4.95

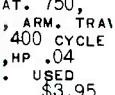
 PHILCO GEAR REDUCTION NO. 441-1008, 24 vdc, 3.7 RPM 40 LB. IN. TORQUE, SHAFT 5/16 X 5/8, MOTOR 4x3x3 1/2; 4 LBS \$5.95

 B-701/R-107 MOTOR FROM AS-313/ARN-6 LOOP ANTENNA. OPERATES FROM 26 VOLT 400 CYCLE, WILL OPERATE FROM 12 VOLT 60 CYCLE.


 GEAR TRAIN ASSY APPROX. RPM. SIZE 3x2 1/2 X 3; W/ 3/8" GEAR. WT: 1 LB. PRICE: \$3.95

 CAMERA MOTOR Open frame used in aircraft cameras 12 Volt AC-DC Double end shaft 1/8 x 1/2, motor size 2 1/2 x 2 1/2, 5000 RPM. # Q1-120 Price \$1.95

 ACTUATOR LINEAR, RATED LOAD LBS. STAT. -200, TEN. -25-50 COMP. -25-50, TRAVEL 2 1/2" MOTOR 115V 400 CYCLE, 6000 RPM. DUTY 1/10, H.P. .04, TORQ. OZ. 11 6.7 WITH LIMIT SWITCHES. USED AIRSEARCH#35906-30 \$2.95

 LINEAR ACTUATOR, STAT. 750, TENS. 375, COMP. 200, ARM. TRAV 5-7/8", MOTOR 115 V. 400 CYCLE 6000 RPM, DUTY 1-10, HP .04 SIZE 11x3x4; WT: 5LB. USED AIRSEARCH#31914 \$3.95

 D.C. ACTUATOR 26 V. 1.5 A. DUTY 3/20 HP .015 RPM 7500 COMP. 600, TEN. 130 COMP. 90, TRAVEL 1 1/2" 6" W/STAND \$4.95

 SPERRY FAN & MOTOR No. 708963; 115V 3 PHAS 60 CYC 3450 RPM 1/20 HP MOTOR 4x3 1/2 BLADE 6" W/STAND \$4.95

 DELCO MOTOR #A7155, 27VDC 1/30HP 2.4A, 3600RPM 5 1/2 X 2 1/2; SH 1/2 X 1/2 \$2.95

HARDWARE KIT: CONTAINS 50 CLAMPS OF 5 DIFFERENT SIZES, 20 SCREWS, 5 TYPES, 15 WASHERS, 7 LUGS, 4 HEX. NUTS, 8 SPACERS. #RC298 5LB. 75¢



RUBBER SHOCK MOUNTS

4 LB.	#4	\$.30
6 "	#6	.35
10 "	#10	.40
12 "	#12	.50
16 "	#16	.60
24 "	#24	.75
35 "	#5215	.75

OTHER TYPE MOUNTS AVAILABLE IN LIGHTER & HEAVIER. ADVISE NEED

TUBE SOCKETS

OCTAL CERAMIC 2 HOLE MTG.	\$.25
" " RING "	.15
" " BLACK "	.15
LOCTAL CERAMIC " "	.20
LOCTAL MICA 2 HOLE MTG.	.15
14 PIN MICA SMALL 1 1/2" MTG.	.15
4 PIN CERAMIC 2 HOLE MTG.	.25
5 " " RING "	.29
6 " " 2 HOLE "	.29
7 " " " "	.29
4/5/7/9 PIN WAFER " " EA.	.10
7/9 PIN MICA SMALL " "	.20
9 PIN CERAMIC " "	.35
METAL SHIELDS SMALL 7-9 "	.10

829 CERAMIC SOCKET.	.75
872 " " w/SHOULDER	.75
811/866 " " w/SHOULDER	.75

GIANT 4 CONTACT CERAMIC SOCKET FOR 872, 211 ETC. 3/4" DIA. GE #ML7461594-G1 PRICE: USED \$3.39

GIANT 4 CONTACT CERAMIC SOCKET FOR 715, 718 ETC. 3/4" DIA. STK#227684.98 PRICE: NEW \$5.50

GIANT TUBE SOCKET 7 CONTACT FOR 813 4E27A ETC. 2 1/2" DIA. GE #M7466795-1/442 PRICE: \$1.50 USED

REGULATOR CURRENT AUTOMOTIVE TYPE OPEN FRAME 50 AMP. SIZE 2 1/2x2 1/2x1 1/2. 1LB. ORD.#G1026184433 DELCO#1884042 \$1.00

TERMINAL STRIPS WITH CLIPPED WIRES

AMT. TERMINALS	-6	-8	-10	-12	-14
1" WIDE EACH	.15	.20	.25	.30	.35
1 1/2" WIDE	.20	.25	.30	.35	.40

BINDING POSTS 7 ON A BAKE-LITE STRIP, THUMB SCREW TYPE TERMINALS. REMOVED FROM EQUIPMENT. PRICE: \$.35 EA. 3 FOR \$1

TELEPHONE SIGNAL DROP SWITCH BOARD UNIT WITH MOMENTARY & HOLD MULTI-CONTACT LEVER SWIRING IN DROP RELAY & PHONE JACK. SIZE 1 1/2x8x3. WT: 1 LB. #EE-2 \$.39 EA. 3/\$1 USED PL-11 PLUG ON 30" CORD \$.35 EA.

SW-118 SWITCH ASSY. SPST, ONE SIDE HOLDING ON - OTHER SIDE MOMENTARY ON, CENTER OFF SWITCH SIZE 1 1/2x1, CASE SIZE 2 1/2x1. PRICE: \$.35 EA. 3 FOR \$1.00

B-9A SWITCH ASSY SPDT CENTER OFF 5 AMP. 125 VOLTS TWO HOLE MTG. SIZE: EA. SW 3/4x2x1. \$.35 EACH BANK OF FOUR \$1.

Capacitors



MFD	VDC	SIZE	PRICE
2000	15	1 1/2x4 1/2 RD	\$.59
6000	75	3x4 1/2	2.95
1000	50	1 1/2x4 1/2 RD	.55
25M	25WVDC	3x4 1/2	2.95
24U00	3	4 x3 RD	1.50

4	400	2 1/2x3 1/2x1 1/2	.25
5x5	400	3 1/2x3 1/2x2	.50
10	400	4 x4x1	.75

.5	500	1 1/2x1 1/2x2	.20
2	600	1 1/2x4 1/2x1	.25
4	600	3 1/2x2 1/2x1 1/2	.50
6	600	4 1/2x2 1/2x1 1/2	.75
7	600	4 x4 x2	.85
10	600	3 1/2x4 1/2x1 1/2	1.10
2 1/2/2 1/2/5	600	6 1/2x4x2	.75

1	1000	1 1/2x2 1/2x1	.50
2	1000	1 1/2x4x1	.95
15	1000	3 1/2x4 1/2x2 1/2	2.95
1-1-1	1200	3 1/2x3 1/2x2 1/2	1.00
1	2000	2 x3 x1	1.25

.5	1500	2 1/2x1 1/2x1	.75
.5	2000	2 1/2x1 1/2x1	.95
MFD	VAC	SIZE	PRICE
5	660	3 1/2x4 1/2x1 1/2	1.95
15	330	3 1/2x5 1/2x1 1/2	1.75
1	1000	3 1/2x4 x2	.75

6000	MFD	50	VDC	\$2.50
7500	MFD	35	VDC	\$2.25
2 1/2x4 1/2	#451-03			\$2.25
16,000	MFD	45	VDC	\$3.95
3x6	#80362-3			\$3.95
20,000	MFD	50	VDC	\$4.95
3x6	#1BPX89-3			\$4.95

WESTERN ELECTRIC D170563 CAPACITOR
 1-CAN 1.0 UF 5000 VDC
 2-3 1.0 UF 2000 "
 3-4 1.0 UF 2000 "
 SIZE: 5 1/2x5x2. WT: 3LB
 PRICE: \$1.95

10	MFD @ 2000	VDC	
4 1/2x4 1/2x3 1/2		3LBS.	
5910-819-2151			\$5.95
2	MFD @ 4500	VDC	
5x4x3		WT: 4 LBS.	
F350-7628821			\$6.95

MFD	VDC	SIZE	PRICE
4	1000	2 1/2x4 1/2x2 1/2	\$1.50
10	1000	3 1/2x4 1/2x1 1/2	1.95
8	1500	3 1/2x5 1/2x2 1/2	2.95
15	1000	3 1/2x4 1/2x2 1/2	1.50
8	2500	4 1/2x7x3 1/2	6.95

HIGH CAPACITY CAPACITORS

20,000 MFD 25 VDC
 AVAILABLE IN BANKS OF 20 OR INDIVIDUAL UNITS.
 BANK SIZE 16x13x5 F/RACK
 PRICE: BANK \$24.50 EA. \$1.50

SWITCH HEAVY DUTY TAP SWITCH 5 POSITION FOUR HOLE MOUNTING SIZE: 2 1/2x2 1/2x1 1/2 STK# 329627 \$1.50

ANTENNA CIRCUIT SWITCHING SWITCH 100 WATT Size 4 1/2x2-3/4" 3/Maks 3/Break #329626 \$2.50

ROTARY SWITCHES

ROTARY WAFER SELECTOR SWITCH CERAMIC, 6 DECK, 4 POLE 6 CONTACT. 7 1/2x2 1/2x2 1/2. 3 LB. SMALL CROSS #10214 USED \$2.95

SWITCH ROTARY CERAMIC WAFER 5 DECK, 1 POLE, 9 POSITION 7x2x2; 1 1/2 LB. SIL.PL.CONT. #5930-185-0597 \$1.95 NEW

SWITCH ROTARY BAKELITE WAFER 8 POSITION, 3 SECTION, SECT. #1 NON-SHORTING TYPE CONT. SECT. #2&3 SHORTING TYPE CONTACTS. 3x2x2; WT: 8 oz. #329825-75.4 NEW \$1.00

SWITCH ROTARY, 3 SECT. 5 SWITCHING POSITIONS, 6 MOVING, 36 FIXED CONT, 6 POLES 5 THROWS, COMB. SHORTING & NON-SHORTING. #329824-81.5 \$1.75

SWITCH ROTARY BAKELITE WAFER 2 DECK, 5 POSITION, 1 POLE MOMENTARY 5 POSIT. 2x2x2 #SW-145 39¢ EA. 3 FOR \$1

GE CERAMIC POWER SWITCHES 2 DECK 3 POSITION 2x3 IN. GE #ML746812-G1/403 \$1.95

GE HEAVY DUTY CERAMIC, TWO DECK 4 BREAK 3 MAKE, 2x4". #ML7464910-G1/407 \$1.95
GE HEAVY DUTY CERAMIC, TWO DECK 3 POSITION, 3x4 1/2". #ML7762999-G1/397 \$1.95

SWITCH ROTARY ONE DECK, CERAMIC 11 POSITION, 2" DIA. No. C-87/S601 75¢ EA.

SWITCH ROTARY CERAMIC TWO DECK FOUR POSITION, SINGLE HOLE MTG. 2" DIA. No. C-87/S-602 75¢ EACH

SWITCH ROTARY, 2 DECK, 22 POS 4 CIRCUIT EA. DECK. 1 1/2x1 1/2. 3Z9825-66.13 \$.50

SWITCH ROTARY, 5 DECK, 8 POS. ONE CIRCUIT. SIZE 2x3" MORRISON RE-MOVED #58 \$.75

ELECTRIC ROTARY SWITCHES



ROTARY SELENOID SELECTOR FOUR (4) WAFERS 12 POSITION ONE (1) POLE, ONE (1) WAFER 2 POSITION ONE (1) POLE. 24 VOLT D.C. SIZE: 4 1/2x1 1/2. 1LB. #5930-327-7793 \$1.50

ROTARY SELENOID SELECTOR ONE (1) WAFER 11 POSITION ONE (1) POLE, ONE (1) WAFER 12 POS. ONE POLE, 11 SHORTING, ONE NON-SHORTING. 1 LB SIZE 2 1/2x2; #5945-503-7295 PRICE: \$1.00

ROTARY SWITCH 20 POSITION 4 DECK W./KNOB. 2 1/2x2 1/2. #5930-327-7820 \$1.95

THREE DECK 8 POS. AND OFF MARKED ON 2 1/2" DIAL AND KNOB. #329825-66.147 2x3". \$1.75

SELECTOR SWITCH TAP 12 POSITION 1 POLE 5 AMPS. NON-SHORTING 2 1/2x2 1/2x1 1/2. 1 LB. P/O RA-83 #329825-4 40.2 \$3.95

Kits \$1.00

DISC CERAMIC CONDENSERS 33 ASST. 15MMF-.01MFD. Good Value \$1.00 a KIT

TUBULAR CONDENSER 50 ASST. .00025 to .1 200 to 600 V \$1.00 a KIT

MICA CONDENSERS 25 ASST. 10 MMFD To 6800 MMFD. \$1.00 a KIT

TRIMMER CONDENSERS 25 ASST. 3 to 280MMF WIDE RANGE \$1.00 KIT.

RESISTORS INSULATED 50 ASST. 2, 2, 1 & 2 Watt wide range of good values 50 ASSORTED \$1.00

RESISTORS WIREWOUND 25 ASST. 5 to 20 Watt. Wide range of values some tapped. 25 ASST \$1.00

VOLUME CONTROLS 10 ASST. Popular Values \$1.00

TUBE SOCKETS 20 ASST. Octals Loctals Minatures Wafers etc \$1.00

PILOT LIGHT SOCKETS 25 ASST Bayonet Screw etc. \$1.00

TERMINAL STRIPS, Tie lug strips, ASST types. 25 for \$1.00

TERMINAL LUGS, Ring spade, crimp types. Wide variety of sizes for all uses in clear plastic box. Approx 200 PCS \$1.00

ROTARY SWITCHES BRAND NEW ORDER NOW 6 for \$1.00

BATHUS CONDENSER KIT 1 MFD. to 1 MFD. up to 600 Valt. 10 for \$1.00
HARDWARE KIT NUTS, WASHERS SCREWS, RIVET GROMMETS ETC. 1 1/2 LBS. \$1.00

BUZZER FOR SWITCH-BOARDS BO-91/RO-96 OPERATES 2-6 VDC 4-9 VAC, NON-POLARIZED; 10.5 OHMS. VIBRATING ADJUSTABLE TYPE. SIZE 2 1/2x2 1/2; WT: 4 oz. PRICE: \$1.

PE-109B INVERTER FILTER, MALLORY NF-1-2, LELAND B-2037, REF. 120 STK. #3H2575-109B 3 1/2x3 1/2x2 1/2; WT: 2LB New \$1.50

BC-603, BC-683 BC-604 & BC-684 SPARE PARTS CHEST FOR STORING TUBES & PARTS. SAME SIZE & SHAPE AS RECEIVERS 2 COMPARTMENTS. SIZE 7x11 1/2x11 WT \$1.00

METAL Box WITH REMOVABLE TOP, CUTOUPS FOR AC OUTLETS & SWITCH. SIZE: 6 1/2x4 1/2x4 1/2 PRICE: \$1.50

ALARM BELL OPERATES ON 24 VDC. 4 1/2x4 1/2x2 1/2 #561-3 \$1.25

HORSESHOE MAGNETS 5 lb. Lift 2 1/2x2 1/2x3/8" 1 lb. \$.50 25 lb. Lift 2 1/2x2 1/2x1 1/2 1 1/2 lb. 2.90

HAND TYPE MAGNETO GENERATOR

USED FOR RINGING TELEPHONE LINES, OUTPUT ABOUT 100 VOLTS. CAN ALSO BE USED AS SHOCK MACHINE, LIGHT SMALL BULBS OR DRIVE WORMS OUT OF YOUR LAWN BY PLACING THE THE OUTPUT TO METAL STAKES AND DRIVING THEM INTO GND.

GN-38 WITH THREE MAGNETS \$2.95

GN-38B PERMANENT MAGNETS 2"x1" \$3.95

G-25A ROUND TYPE MAGNETO \$2.50

UNUSED \$2.95 USED \$1.95

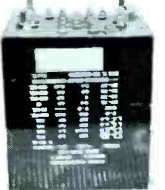





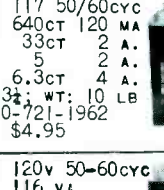

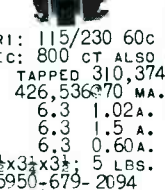



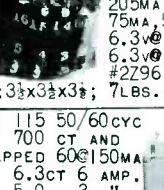

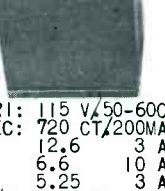
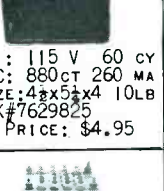


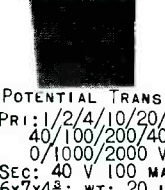

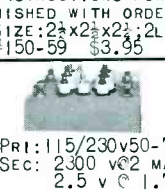
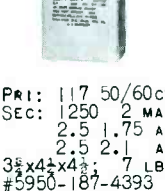
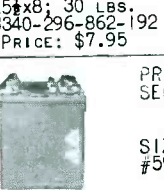
T-39 MICROPHONE AND CHEST UNIT THAT WAS USED TO CARRY DRY CELL BATTERIES. PHONE JACK AND 1 FT. CABLE WITH 8 RECEPTICAL PLUG. ON-OFF SWITCH AND FUSE HOLDER. INSIDE DIMENSIONS 5 1/2x1 1/2x9. WT: 6 1/2

25 Precision Resistor Ass't WIRE WOUND OR CARBON 1% OR BETTER GOOD VALUES. \$1.00 50 TINY CAPACITORS SELECTED TINY ASST PAPER & CERAMIC X GOOD VALUES. \$1.00

WIRE ASSORTMENT SIX 25 FT. COILS FULLY INSULATED STANDARD SIZES TINNED COPPER ASS'T. COLORS \$1.00

MINIMUM ORDER \$3.00

Power Transformer Filament Modulation Microphone Chokes


 <p>PRI: 115/230 60 cyc SEC: 800 CT. 120 MA 6.4 4.5 AMP 5 2 " 6.3 .6 " 6.4 450 MA Size 5x5x6 WT. 13 lbs. Stock # 229621-380 PRICE: \$2.95</p>	 <p>PRI: 110V 60CYC-2 PRI: 220V 60CYC-3 SEC: 6.3V .9A 4-5 6.3V .3A 6-7 24V .9A 8-9 500VCT 35MA TERMINALS 10-12 CT TER. 11 WT. 4L 3x3x3 1/2 #RM-13-317 A TO D. \$1.95</p>	 <p>PRI: 90 V 60cyc SEC: 6400 V. 3 APPROX. 50 MA. 5x6x6; WT: 15 LBS #D-128-3553 \$14.95</p>	 <p>PRI: 115/230 60cyc SEC: 750-0-0-750 1.66AMP@1.66 SIZE: 13x10x11 WT: 115 LBS. STK#229607-16 PRICE: \$29.50</p>	 <p>MODULATION TRANSFORMER Watts 20 Response Response 200-5000-1DB Pri.Z 6000 SEC.Z 6000 Collins #677-2010-00 Size 2x2x3 1/2 WT. 3 1/2 lbs Stock# 229634.53 Price \$2.95</p>	 <p>PRI: 115 V 60 CYC. 1200CT 200 MA. 12.5 2 AMP. 12.5 2 AMP. 5 3 AMP. Size 4x4x4 1/2 WT. 10 lbs Stock # FAIR-617 Price \$8.95</p> <p>DESIGNED FOR COMMAND TRANSMITTER</p> <p>TYPE AS FAIR#617 PRI: 115 V 60 CY SEC: 550 CT 150 MA 12 V 4 A. 5 V 3 A. SIZE: 4x5x4; 7 LBS. STK# FAIR-1490 NOT AVAILABLE</p>	 <p>PRI: 117 50/60cyc SEC: 640CT 120 MA 33CT 2 A. 5 2 A. 6.3CT 4 A. 4x5x3 1/2; WT: 10 LB #5950-721-1962 \$4.95</p> <p>PRI: 120V 50-60cyc 116 VA SEC: 750 V CT 200 5 V 2 AMPS 4x4x6 WT. 14 LBS BENDIX#L217240-1 PRICE: \$4.95</p>
 <p>PRI: 115 V 60 cyc. SEC: 1080 CT. 142 MA. 6.3 1 AMP. 6.3 2 AMP. 5 3 AMP. Size 5x5x5 1/2 WT. 14 lbs Stock # 229613.52 PRICE: \$3.95</p>	 <p>PRI: 115/230 60C SEC: 800 CT ALSO TAPPED 310,374 426,536,770 MA. 6.3 1.02A. 6.3 1.5 A. 6.3 0.60A. 3x3x3 1/2; 5 LBS. #5950-679-2094 \$1.95</p>	 <p>AUTO VIBRATOR TRANSFORMER VIBRATOR 12/115CY SEC: 248CT 90 MA 1 2.4 AM 115 CYCLE SIZE: 2 1/2 x 3 1/2 x 3 WT4 STK#229625-75 PRICE: \$1.50</p>	 <p>SEC: 650VCT 50MA 6.3 " 5 A 10.2 " 13 A 25NCT 4 A RCA#K901467-502 SIZE: 6x6x6; WT: 25 PRICE: \$5.95</p>	 <p>500 WATT MODULATION PRI: 6600 OHM C.T @ 500 M.A SEC: 4600 OHM @ 400 M.A TAP: 2300 OHMS 800MA 2880 WORKING VOLTS RESPONSE 200-4000 C FSN 5950-250-1753 \$16.95</p>	<p>PRI: 115 V. 60 CY SEC: 220 V 100 MA 6.3 V 3 A. 6.3 V 1 A. 3x3x2 1/2; 2LBS. MW#4532 \$2.95</p>	 <p>TS-239 SCOPE TRANSFORMER 115V 50-2600V 735V 7MA, 610V 205MA, 300V @ 75MA, 5V @ 2AMP 6.3V @ 6 AMP. 6.3V @ 6 " " #229619.168 7LBS. \$9.95</p> <p>PRI: 115 50/60cyc SEC: 700 CT AND TAPPED 60@150MA 6.3CT 6 AMP. 5.0 3 " 2.5CT 5 " 4x5x3 1/2; 14 LB. #5950-581-9968 \$4.95</p>
 <p>PRI: 115 V 60 cyc. SEC: 624 CT. 70 MA. 6.3 2.1 AMP. 5 3 " Size 3 1/2 x 4 1/2 WT. 8 lbs. Stock # 229611.39 PRICE: \$1.95</p>	 <p>PRI: 115 V 50-60C SEC: 720 CT/200MA 12.6 3 A 6.6 10 A 5.25 3 A S/5x4 1/2 x 5 1/2 WT: STK.# 203533 PRICE: \$4.95</p>	<p>VIBRATOR 12/115CY SEC: 300 CT 100MA. 27 CT 2MA. SIZE: 3x3x3 1/2 WT: 4LB STK#229625-73 PRICE: \$1.50</p>	 <p>PRI: 115 V 60 CY SEC: 880CT 260 MA SIZE: 4x5x4 10LB STK#7629825 PRICE: \$4.95</p>	 <p>MODULATION TRANSFORMER WATTS: 75 PRI: 200-250 OHM SEC: GRID 813 TUBE WITH SIDETONE SIZE: 2 1/2 x 3 1/2 x 3 1/2 WT 2 1/2 STK#GE 7463620-1 PRICE: \$2.95</p>	<p>PRI: 115 V 60 CY SEC: 500 CT 80 MA. 24 V 2 A. 5 V 3 A. SIZE: 2 1/2 x 2 1/2 x 3 1/2 LBS. STK#FAIR-818 PRICE: \$4.95 FOR BC-603,683 COMM/ARC RECEIVEI</p>	<p>PRI: 115V 60 cyc SEC: 2420 VCT 71MA 4x5x6 WT. 20 LBS. FIA02NB \$3.95</p> <p>PRI: 115/230 V. 50/60 cyc. SEC: 900CT NOLOAL 280 VDC @ 500 MA. TAP 120VDC 150MA 4x4x6 1/2; WT: 14LB 5950-645-6796 \$3.95</p>
 <p>POWER TRANSFORMER FOR 12 VDC TRANSI STORIZED POWER SUPPLY 450 VDC @ 200 MA. POWDER IRON CORE WITH FEED-BACK WINDING (APPROX 1000 CYC) @ 300MA LOAD APPROX. 400V INSTRUCTIONS FUR NISHED WITH ORDER. SIZE: 2 1/2 x 2 1/2 x 2 1/2 LBS. #150-59 \$3.95</p>	 <p>POTENTIAL TRANS PRI: 1/2/4/10/20/ 40/100/200/40 0/1000/2000 V. SEC: 40 V 100 MA 6x7x4 1/2; WT: 20 LB ESPEY#1-4 16,271 \$5.95</p>	<p>PRI: 95/105/115/125 190/210/230/250 SEC: 2/4/6/8 @ 225 MA. 90/100/110/ @ 225 MA. ALSO SEC. #2 115 V. @ 500 MA. 4x5x4 1/2; WT: 13 LBS. #KLEINSCHMIDT5399 \$7.95</p>	<p>PRI: 115 V. 60 CYC SEC: 840 CT 110 MA 530 CT 21 " 5 V. 3 AMP 5 V. 3 " 6.3 V. 1 " 6.3 V. 0.3 " 5 1/2 x 4 1/2 x 4 1/2; WT: 14 LB RAYTHEON#UX9117A \$3.95</p>	 <p>MODULATION TRANSFORMER 100 WATT RESPONSE 200 to 5000 PRI: 7000 SEC: 7000 F/BC-191/375 TRANS. size 3x1x5 WT. 5 1/2 lbs. stock # 266191/T1 Price \$3.95</p>	<p>PRI: 115 V 60 cyc. SEC: 12.5 V 2 AMP. 12.5 2 " Size 4 1/2 x 2 1/2 WT. 5 1/2 lb Stock # FAIR-5005 PRICE: \$4.95</p> <p>Same style as #5005 PRI: 115 V 60 cyc SEC: 24 V 1 AMP. Size 2-3/4 x 2 1/2 x 2 1/2 LBS. Stock # FAIR-718R Price \$1.95</p>	<p>PRI: 120 v 50-60cyc 124 VA SEC: 225V 40MA 850 V CT 250MA 6x4x5 WT. 16 LBS BENDIX#N217388-1 PRICE: \$5.95</p> <p>PRI: 115 V 60 CYC TWO TAPS ALSO. SEC: 6200 V 81MA. LOWER TAPS ON PRI 5800 V 76MA 5400 V 71MA SEC. TEST V 7500 SIZE: 8 1/2 x 5 1/2 x 7; WT: 30 LBS. #5950-645-6792 PRICE: \$14.95</p>
 <p>PRI: 115/230V 50-70 SEC: 2300 V @ 2 MA. 2.5 V @ 1.7A 6.4 V @ 0.6A 4 1/2 x 5 1/2 x 4 1/2; 12 LB. ETCO#14319 \$4.95</p>	<p>PRI: 115 V. 60 CY SEC: 1540 CT. 166A 1230 CT. 257A BOTH VOLTAGES ONE WINDING 5.1 4.5A 6.5 4.0A 6.5 .5A 7 1/2 x 6 1/2 x 6 1/2; WT: 35 LBS STK# 229613.53 \$7.95</p>	<p>PRI: 115/230 V 50/60 CYC SEC: 1600VCT 230 MA & TAPPED 760V @ 40 MA. 6x6 1/2 x 4 1/2; 30 LBS. \$8.95</p>	<p>FOR R4-62 RECTIF. USED TO POWER SCR-522 REC-TRANS PRI: 110/220 VOLT 40-60 CYCLE SEC: DC VOLTAGES 300 @ 230 MA BIAS 150 @ 8 " 13.4 @ 3.9 A. 6x5 1/2 x 8; 30 LBS. #3340-296-862-192 PRICE: \$7.95</p>	<p>100 WATT MODULATION TRANSFORMER PRI: 7500 OHM CT 30,000 " SEC: 3000 OHM 35W 200 MACD 600 CT. 1 W RMS TEST 1, 2, 3 500 V. OTHERS 2500 V. 200-3500 CPS. 4 1/2 x 4 1/2 x 4 1/2; 11 LBS #5950-646-3092 PRICE: \$4.95</p>	<p>Same style as #5005 PRI: 115 V 60 CYC. 12.5 V 1 AMP. Size 2 1/2 x 2 1/2 x 2 1/2 LBS. Stock # FAIR 2468 Price \$1.75</p> <p>OUNCER TRANSFORMERS Transformer Pri: 100 ohm Sec: 4000 " PO/PC-709 Amp. 3/4 x 3/4 x 1 1/2 ST#229931 Price \$.59</p>	<p>PRI: 105/110/115 120/125 60 CYCLE SEC: 390V 1.23 AMP TAP 365 @ 720 MA 7x8x6: 45 LBS. 56.95</p> <p>PRI: 117 V 50-60cyc 700 VDC TEST SEC: 2.5V @ 1.75A 2.5V @ 2.1A 1250V @ 2 MA 3 1/2 x 4 1/2 WT. 7 1/2 LB #15-3377 PRICE: \$4.95</p>
 <p>PRI: 117 50/60cyc SEC: 1250 2 MA. 2.5 1.75 A. 2.5 2.1 A. 3 1/2 x 4 1/2 x 4 1/2; 7 LB. #5950-187-4393 \$2.95</p>	<p>PRI: 115 V 60CYC SEC: 850CT 280MA 280CT 10MA 5 V 5 A. 6.3 V 600MA 36 V 5 A. 5 1/2 x 5 1/2 x 7 1/2; 28 LBS. #5950-646-3943 \$6.95</p>	<p>PRI: 105/115/130/ 145/160/180/200/ 225/250 V 25-60CYC SEC: 780VCT @ 65MA. 2.5 V @ 2 AMP 6.3 V @ 4 " 5 1/2 x 5 1/2 x 4 1/2; 13 LBS. 229619-4 \$2.95</p>	 <p>PRI: 117 V. 60 CYC SEC: 1000VCT 284 MA TAPPED 800 VCT 140 V. 100 MA SIZE: 4 1/2 x 7 1/2 x 3 1/2 #5950-646-3720 \$4.95</p>	<p>PRI: 115 V 60 CYC SEC: 800VCT 150MA 6.3VCT 3 A. 5.0 3 A. 3 1/2 x 4 1/2; WT: 4 LB. #A22P002 \$3.95</p>	<p>PRI: 115 V 60 CYC SEC: 100 ohm Sec: 4000 " PO/PC-709 Amp. 3/4 x 3/4 x 1 1/2 ST#229931 Price \$.59</p> <p>Transformer Pri: 1.5 ohm Sec: 35-35 " PO/PC-347 3/4 x 3/4 x 1 1/2 Stock#229947/421 Price \$.99</p>	<p>PRI: 115 V 60 CYC SEC: 800VCT 150MA 6.3VCT 3 A. 5.0 3 A. 3 1/2 x 4 1/2; WT: 4 LB. #A22P002 \$3.95</p>


TRANSFORMERS



 PRI: 115V 50-1000CY
 SEC: 34 v 3.5 AMP
 SIZE: 4x5x4; 15 LB
 #5950-518-4306
 \$4.95

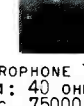
SPECIAL 2/24
 VOLT WINDINGS
 OUT OF PHASE
 250 MA. 115 V
 60 CY INPUT. 2x2x2 1/2
 1 LB#26836 \$1.75


 PRI: 120 v 60CYC
 PRIMARY BUCK-BOOST
 WINDINGS: 1.2v,
 3.6v, 10.8v
 SEC: 12.8v CT 20A
 4x5x7 1/2 WT. 24LB
 #1043 \$8.95


 PRI: 115 v. 60c
 SEC: 2.5v 1.75A
 2.5v 1.75A
 6.3v .6 A
 3x5x3 1/2; WT: 8 LBS
 229611.127 \$1.95


 PRI: 115 v. 60 CY
 SEC: 2.2 v.
 ALSO TAPPED WIND.
 0-60V 10 TAPS 4
 VOLTS EA. 1 TAP
 20V. HV AMPS 4. LOW
 EXT VOLTAGE 20 A.
 6x4x5; WT: 25 LBS
 #6120-473-6811
 \$7.95


TF45X02YY
 THREE PHASE
 PRI 171v 50-450CYC
 SEC 28V @ 40A
 6x7x9 1/2 WT. 45LBS
 PRICE: \$14.95



 MICROPHONE TRANS
 PRI: 40 OHMS
 SEC: 75000 "
 SIZE: 1 1/2 x 1 1/2 x 2
 WT: 2 OZ.
 229986-2/RM-12
 PRICE: 75¢



 MICROPHONE
 PRI: 14.5-21 OHM
 SEC: 4475-6500
 OHMS
 CARBON MIC.
 2 1/2 x 3 1/2 x 2 1/2
 #P7762352GI
 \$1.00


 Microphone
 Transformer
 Pri: 1 ohm
 Sec: 2000
 1 1/2 x 2 1/2 x 1 1/2
 ST#229666A
 Price \$5.9



I-177
 TUBE CHECKER
 TRANSFORMER
 SIZE: 4 1/2 x 4 1/2 x 4 1/2 LB
 STK # 229613.667
 PRICE: \$4.95

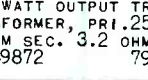

 PRI: 144 V 50/60CY
 1 PH. 3.4/2.32 KVA
 SEC: 23 V FULL LOAD
 RMS-2500 V. MAGNATRN
 SIZE: 13x15x11; 200LB
 FSN5950-189-4659
 PRICE: \$30.00


 ALL PRIMARIES
 115 VOLT 60 CYCLE
 SIZE: 2x1x1 1/2; 4oz
 SEC: 125 v 25 MA
 50 v 50 MA
 MW#4521 \$1.25


 SEC: 24 v 50 MA
 2 WIND 1.2.6 0.5 A
 MW#4523 \$1.25


 SEC: 24 v 250 MA
 MW#4528 \$1.00

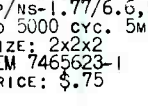

 SEC: 55v 35 MA
 2 WIND 1.2.6 200 "
 MW#4535 \$1.00


 SEC: 25v 30 MA
 2 WIND 1.2.6 v 1 A.
 MW#4530 CAGED \$2.


OUTPUT
 TRANSFORMER
 30 WATT
 \$3.95


 PRI: 8000 OHM
 SEC: 4/8/15 OHM
 3x3x3 1/2 WT: 2LB
 #TG-10/27291


 2 WATT OUTPUT TRANS-
 FORMER. PRI. 2500
 OHM SEC. 3.2 OHM
 #49872 79¢


 AUDIO OUTPUT TRANS
 PRI: 450 OHMS
 SEC: 300/4000 OHMS
 IMPEDANCE
 PO/BC-348
 STK # 204348M/T
 2x2x4 WT. 2 1/2 LBS.
 PRICE: \$1.00

LOW VOLTAGE TRANSFORMERS

ALL PRIMARIES 105, 110, 112, 120, 125 VOLT, 60 CYCL

SEC: 6.6 v 36 AMP.
 6x5x4; 23 LBS.
 9T35Y245 \$8.95

SEC: 6.6 v 18 AMP
 3x5x4; 12 LBS.
 GE#9T35Y159 \$3.95

SEC: 6.6 v 10 AMP
 4x3x4; 9 LBS.
 GE#9T35Y158 \$2.95

SEC: 6.6 v 10 AMP.
 6.6 VCT 1 "
 5x4x3 1/2; 10 LBS.
 GE#9T35Y181 \$3.25

SEC: 6.3CT 3.6 AMP
 2x3x2; 2 LBS.
 #5950-651-5319
 \$1.50

PRI: 115 60 CYC
 SEC: 6.3 CT 1AMP
 2x3x2; 2 LBS.
 #5950-548-4768

PRI: 115 v. 60 CYCLE
 SEC: 25 v. 0.5 AMP.
 2x2x2 1/2; 1LB. #5950-754-9573
 \$1.25

FILAMENT TRANSFORMER
 PRI: 70/100/140/200
 60 CYC
 SEC: 12.6 CT .7 A
 6.3 CT .9 A
 6.3 CT 1.5 A
 6.3 CT 1.5 A
 2.5 KV TEST
 SIZE: 5x3x4 WT 5
 STK# GE-7465625-PI
 PRICE: \$2.95

SEC: 6.3 v 3.1 AMP
 6.3 v 2.5 "
 6.3 v 0.45 "
 6.3 v 0.30 "
 5.0 v 2.0 "
 5.0 v 2.0 "
 3 1/2 x 4 1/2 x 3; 4 LBS.
 #TF1A01JA \$3.95

FILAMENT TRANSFORMERS
 PRI: 105/115/125v 60 CYCLE
 SEC: 6.3 v. @ 2 AMP.
 2x2x2; 1LB. UTC5578 \$1.50

PRI: 115/120/126/132v 54-66c
 SEC: 6.6 v. @ 1.2 AMP.
 2x3x2; 1 1/2 LB. 9T35Y240 \$1.25

PRI: 117v 50-60CYC
 SEC: 3/5v CT @ 2A
 2/5v @ 2A
 2/2.5v @ 10A
 7x4x3 1/2 WT. 12 LB
 GILFILLAN #54148-1
 PRICE: \$5.95

PRI: 115 V. 60 CYC
 SEC: 5 V. 2 AMP
 5 V. 2 "
 4x5x2 1/2; WT: 8 LB
 #229611.389 \$1.95

HIGH AUDIO
 ALTEC LANSING 70W
 OUTPUT TRANSFORMER
 PRI: 3300 OHM CT
 SEC: 250 & 500 OHM
 SIZE: 4 1/2 x 5 x 4 1/2
 WT. 13 LBS.
 STK# TMJ-217A
 PRICE: \$2.95

PRI: 7000 OHM CT
 SEC: 265 " "
 80 " "
 ONE WINDING
 POWER: 62.5 WATTS
 RESPONSE: 1 DB
 20-20,000 CPS
 SIZE: 4 1/2 x 6 x 4; 20 LB
 TF1A13MA \$4.95

HIGH VOLTAGE TRANSFORMERS


 PRI: 115 VOLT 50/60 CYCLE
 3.75 KVA
 SEC: 7500/3750 V. 5.3 KVA
 MAX. DC OPER. 4.25 KVA
 RMS 17 KV.
 SIZE: 17x10x12; WT: 250LBS
 FSN 5950-189-6498
 PRICE: \$75.00

PRI: 105-125v
 50-60CYC
 SEC: 1100v CT @
 250 MA
 SIZE: 5 1/2 x 5 1/2 x 4 1/2
 WT. 16 LBS.
 UTC 52336 \$6.95

PRI: 105/110/115
 120/125V 54-66CYC
 SEC: 365V TAPPED
 335 V. @ 500 MA
 4x5x3 1/2; 9 LB.
 #ADCA8691 \$2.95

PRI: 105-110-115-
 120-125
 SEC: 365 V 775 MA
 TAP. 340 V 525 MA
 850CT 30 MA
 5 V 2 A
 6x7x5 1/2 30 LBS.
 # GE7415214 \$4.95

PRI: 105-110-115
 120-125
 SEC: 560CT 75 MA
 365 V 150 MA
 TAP 335 V
 3 1/2 x 5 x 3 1/2 8 LBS.
 # TF1A02JA \$1.95

PRI: 117 V 60 CYC
 SEC: 450 V 140 MA
 12.6 20 AM
 5.0 2 "
 4 1/2 x 6 x 4; 15 LB
 EDO 10498 \$6.95

PRI: 117V 60-400CYC
 SEC: 750 VCT 55 MA
 5.0
 6.3 v @ 5 AMPS
 3x3x4 WT 5 LBS.
 #271-P-1 \$2.95

CIRCUIT PROTECTED
 PRI: 110/220/440
 50/60 CYCLE
 SEC: 24 V 6 AMP.
 6 V 1 "
CIRCUIT RESET
 BREAKER 10 AMP.
 FOR 4 1/2" SQ. BOX
 MTG. ALSO 2 1/2" TER-
 MINAL BOX W/KNOCK
 OUTS.
 SIZE: 7x4 1/2 x 5; 10LBS
 FOSTER#D11586
 PRICE: \$6.95

PRI: 115 V. 60 CYC
 SEC: 5 V. 2 AMP
 5 V. 2 "
 4x5x2 1/2; WT: 8 LB
 #229611.389 \$1.95

PRI: 115 V. 60 CYC
 SEC: 5 V. 2 AMP
 5 V. 2 "
 4x5x2 1/2; WT: 8 LB
 #229611.389 \$1.95

PRI: 115 V. 60 CYC
 SEC: 5 V. 2 AMP
 5 V. 2 "
 4x5x2 1/2; WT: 8 LB
 #229611.389 \$1.95

PRI: 115 V. 60 CYC
 SEC: 5 V. 2 AMP
 5 V. 2 "
 4x5x2 1/2; WT: 8 LB
 #229611.389 \$1.95

PRI: 115 V. 60 CYC
 SEC: 5 V. 2 AMP
 5 V. 2 "
 4x5x2 1/2; WT: 8 LB
 #229611.389 \$1.95

PRI: 115 V. 60 CYC
 SEC: 5 V. 2 AMP
 5 V. 2 "
 4x5x2 1/2; WT: 8 LB
 #229611.389 \$1.95

PRI: 115 V. 60 CYC
 SEC: 5 V. 2 AMP
 5 V. 2 "
 4x5x2 1/2; WT: 8 LB
 #229611.389 \$1.95

VOLTAGE REGULATED
 PRI: 90-130 VOLT
 50/60 CYCLE
 SEC: 29 VOLT 6 AM
 SIZE: 8x5 1/2 x 4 1/2; 20LB
 PHOENIX#PX-2017B
 PRICE: \$5.95


 PRI: 120/240V 60C
 SEC: 16 v 8 AMP
 16 v 8 "
 SERIES SECONDARY
 32 v 8 AMP
 PARALLEL 16V16 "
 4x4x4 1/2; 3 LBS.
 #1479-LO18
 PRICE: \$7.95

PRI: 115 V 60 CYC
 SEC: 6.3 V 2.75 A.
 6.3 V 5.5 A.
 SIZE: 3 1/2 x 4 1/2 x 3 1/2 LBS
 STK#ORD7629805
 PRICE: \$2.50

PRI: 115 V 60 CYC
 SEC: 6.3 V 4 AMF
 SIZE: 4x3x3 1/2 LBS.
 STK#ORD7629823
 PRICE: \$1.50

PRI: 120v 50-60CYC.
 SEC: 5v CT @ 10.8A
 WT: 5 1/2 x 3 1/2 x 3 1/2
 #L 217247-1
 PRICE: \$3.95

PRI: 115 V 60 CYC
 SEC: 6.3 V 2.7 AMP
 SIZE: 2 1/2 x 2 1/2 x 1 1/2 LB.
 STK#5950-186-9789
 PRICE: \$1.50

PRIMARY VOLTS
 81,163 & 230
 50/60 CYCLE
SECONDARY VOL
 11.7 CT. 3 1/2 A.
 WITH 115 VOLT
 INPUT, OUTPUT
 WILL BE 15 V. 3 AMPS.
 SIZE: 3 1/2 x 4 x 3 1/2; 8 LBS.
 GE#7465106-P1 \$2.95

PRIMARY VOLTS
 81,163 & 230
 50/60 CYCLE
SECONDARY VOLTS
 12 CT. 3 1/2 AMPS
 12 CT. 3 1/2 "
 13 CT. 10 "
 @ 115V 2/16v-3A 1/17V
 10A. SIZE 4x7x7 1/2 LBS.
 GE#7466333 \$5.95

PRI: 115v 60 CYC
 SEC: 2/6.3v 1.2A
 SIZE: 3x2x5
 WT. 4 1/2 LBS.
 #7629809

PRI: 115v 60CYC
 SEC: 40-0-40v .18A
 3x3x5 WT. 5LBS
 #7629808 \$1.50

PRI: 115v 60 CYC
 SEC: 5.7v 21.8A
 3 1/2 x 4 1/2 x 5 WT. 9LB
 GE-7469149
 PRICE: \$6.95

PRI: 115 V. 60 CYC
 SEC: 54 V. C.T 2A.
 13 V. @ 5 A.
 4 1/2 x 4 1/2 x 3 1/2; 6 LBS.
 82-70-5511 \$4.95

SAME TYPE AS ABOVE
 115 v. 60 CYCLE; SEC. 52
 VOLT C.T @ 2 A #82-70-1003
 3 1/2 x 3 1/2 x 3 1/2; 4 LB. \$3.95

PRI: 200/220/240V
 50-60 CYC
 SEC: 10V CT @ 10A
 4x4x5 1/2 WT. 11LBS
 THERMADOR CS-8705
 PRICE: \$3.95

PRI: 115 V 60 CYC
 SEC: 36 V 12 AMP
 4x6x4; WT: 15 LB

PRI: 115 V 60 CYC
 SEC: 36 V 12 AMP
 4x6x4; WT: 15 LB

PRI: 120 V 50/60 CYC
 SEC: 25 V 20 VA.
 (.8 AMP.)
 SIZE: 2 1/2 x 2 1/2 x 2; 3 LB.
 4 1/2" ELECTRIC BOX
 MTG. WHICH CAN BE
 REMOVED. #AT30A-
 1023-1 \$1.25

FURANCE CONTROL
 TRANSFORMER
 PRI: 115/230V 60c
 SEC: 23V 1.8A
 MOUNTED ON 4x4
 PLATE WITH 2x4
 ELECTRICAL JUNCT
 BOX. WT. 4LBS.
 \$1.50

PRI: 115 V 60 C
 SEC: 6.3 V 3.6 A
 15 V. 0.04 A
 15 V. 0.04 A
 SIZE: 3x3x3 1/4 LBS
 STK#ORD7629806
 PRICE: \$1.50

PRI: 115 V 60 CYC
 SEC: 6.3 V 2.75 A.
 6.3 V 5.5 A.
 SIZE: 3 1/2 x 4 1/2 x 3 1/2 LBS
 STK#ORD7629805
 PRICE: \$2.50

PRI: 115 V 60 CYC
 SEC: 6.3 V 4 AMF
 SIZE: 4x3x3 1/2 LBS.
 STK#ORD7629823
 PRICE: \$1.50

PRI: 120v 50-60CYC.
 SEC: 5v CT @ 10.8A
 WT: 5 1/2 x 3 1/2 x 3 1/2
 #L 217247-1
 PRICE: \$3.95

PRI: 115 V 60 CYC
 SEC: 6.3 V 2.7 AMP
 SIZE: 2 1/2 x 2 1/2 x 1 1/2 LB.
 STK#5950-186-9789
 PRICE: \$1.50

PRIMARY VOLTS
 81,163 & 230
 50/60 CYCLE
SECONDARY VOLTS
 12 CT. 3 1/2 AMPS
 12 CT. 3 1/2 "
 13 CT. 10 "
 @ 115V 2/16v-3A 1/17V
 10A. SIZE 4x7x7 1/2 LBS.
 GE#7466333 \$5.95

PRI: 115v 60 CYC
 SEC: 2/6.3v 1.2A
 SIZE: 3x2x5
 WT. 4 1/2 LBS.
 #7629809

PRI: 115v 60CYC
 SEC: 40-0-40v .18A
 3x3x5 WT. 5LBS
 #7629808 \$1.50

PRI: 115v 60 CYC
 SEC: 5.7v 21.8A
 3 1/2 x 4 1/2 x 5 WT. 9LB
 GE-7469149
 PRICE: \$6.95

PRI: 115 V. 60 CYC
 SEC: 54 V. C.T 2A.
 13 V. @ 5 A.
 4 1/2 x 4 1/2 x 3 1/2; 6 LBS.
 82-70-5511 \$4.95

SAME TYPE AS ABOVE
 115 v. 60 CYCLE; SEC. 52
 VOLT C.T @ 2 A #82-70-1003
 3 1/2 x 3 1/2 x 3 1/2; 4 LB. \$3.95

PRI: 200/220/240V
 50-60 CYC
 SEC: 10V CT @ 10A
 4x4x5 1/2 WT. 11LBS
 THERMADOR CS-8705
 PRICE: \$3.95








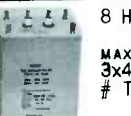



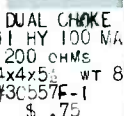



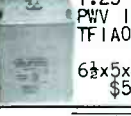
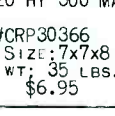







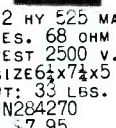


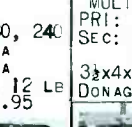


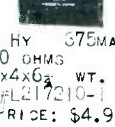
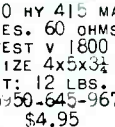
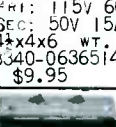

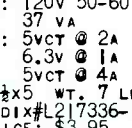








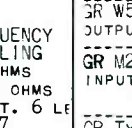
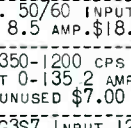



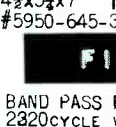
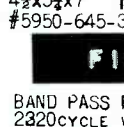

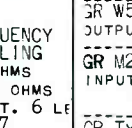
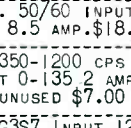




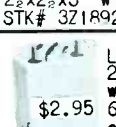

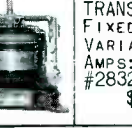
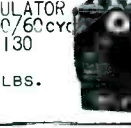
PRI: 115 V 60 CYC
 SEC: 36 V 12 AMP
 4x6x4; WT: 15 LB

PRI: 115 V 60 CYC
 SEC: 36 V 12 AMP
 4x6x4; WT: 15 LB

PRI: 120 V 50/60 CYC
 SEC: 25 V 20 VA.
 (.8 AMP.)
 SIZE: 2 1/2 x 2 1/2 x 2; 3 LB.
 4 1/2" ELECTRIC BOX
 MTG. WHICH CAN BE
 REMOVED. #AT30A-
 1023-1 \$1.25

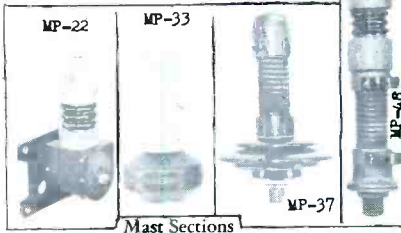
FURANCE CONTROL
 TRANSFORMER
 PRI: 115/230V 60c
 SEC: 23V 1.8A
 MOUNTED ON 4x4
 PLATE WITH 2x4
 ELECTRICAL JUNCT
 BOX. WT. 4LBS.
 \$1.50

PRI: 115 V 60 CYC
 SEC: 36 V 12 AMP
 4x6x4; WT: 15 LB

 <p>30 HY 70 MA 550 OHM 2 1/2 x 2 1/2 x 3 1/2; 1 LB #3C325-6 \$1.25</p>	 <p>25 HY 160MA 350 OHM 3 1/2 x 3 1/2 x 4; 8 LB 3C317-38 \$1.50</p>	 <p>8 HY 100 MA 160 OHMS 2 1/2 x 3 1/2 x 2 1/2; 4 LB #TR-1024 \$1.50</p>	 <p>5-.25 HY @ 2-.6 ADC 7 OHMS MAX DC 535V WVM 2 1/2 x 3 1/2 x 2 1/2 4 LBS. GE#9T35Y283 \$1.25</p>	<p>25 HY 35 MA DO 1070 MV 2x3x2; 2LBS GE#7415231 \$.79</p>	 <p>PRI: 206 V 60 CYCL ONE PHASE 10.6 KVA SEC: 30 V 115 VOLT PRIMARY SECONDARY 16 VOLT (FOR USE W/TRANS. T LEFT) SIZE: 14x11x11 WT: 150 LB. #ACWE 2649 \$32.95</p>	 <p>SELENIUM RECTIFIER HALF OF FULL WAVE SIZE: 12x16x6 WT: 28LB. \$8.95 EA. TWO FOR \$15.00</p>	 <p>PRI: 115 V 60CYC SEC: 20,000 V. 750 VA 3x12x9; 40 LBS. #465-001-119 \$20.00</p>
 <p>8 HY 150 MA 100 OHMS MAX. W. V. 715 3x4 1/2 x 2 1/2; 5 LBS. #TF1A04HA \$1.95</p>	 <p>20 HY 300 MA #CRP30366 SIZE: 7x7x8 WT: 35 LBS. \$6.95</p>	 <p>1 HY 100 MA 200 OHMS 4x4x5 1/2; WT 8 #3C557F-1 \$.75</p>	 <p>11 HY 500MA 1350 VAC @ 120CYC 7x6x9 1/2; WT. 42 L ITC NO. DC-6281 PPICE: \$8.95</p>	 <p>DUAL CHOKE 11 HY 100 MA 200 OHMS 4x4x5 1/2; WT 8 #3C557F-1 \$.75</p>	 <p>PRI: 110/120/ 50/60 cyc SEC: 120/140 CT. 7.1 AMP. SIZE: 6 1/2 x 7 x 6 1/2; WT: 47 LBS. #5950-268-8681 \$8.95</p>	 <p>PRI: 115 V. 60 CYC 25 KV INSULA SEC: 8.5 V. 54 AMF OR 7.5 V. 48 " OR 7.5 V. 32 " SIZE: 6 1/2 x 9; 50 LBS #3340-296-879 \$14.95</p>	 <p>PRIMARIES: 2/100 V 60 CYCLE SECONDARY: 2.5V 1A 7.5V 1.25A 21V .1A 11V 10.0A 10V 6.5A SIZE: 8x 4x6; 19LBS CAY30219 \$3.95</p>
 <p>1.25 HY @ 1.23 ADC PWV 1070 TF1A04LB 6 1/2 x 5 x 4 1/2; WT: 21 LBS \$5.95</p>	<p>8 HY 100 MA 160 OHM 2 1/2 x 3 1/2 x 2 1/2; 3LB. #TR-1024 \$1.50</p>	 <p>10 HY 0-1 AMP. DC @ 10V 60 CPS, 268 OHMS, 2 1/2 x 3 1/2 x 2 1/2; 4LB #6467 \$1.75</p>	 <p>12 HY 525 MA RES. 68 OHM TEST 2500 V. SIZE 6 1/2 x 7 1/2 x 5 WT: 33 LBS. #N284270 \$7.95</p>	 <p>14 HY 125MA 275 OHMS. 2 1/2 x 3 1/2 x 5 1/2; 308-708-060 \$1.25</p>	 <p>PRI: 117 V. 50/60/60 SEC: 510 VCT 100MA SIZE: 3x4 1/2 x 3 1/2; 7 LB 229612.21 \$1.95</p>	 <p>AUTO-TRANSFORMER INPUT 100 VOLT 60 3 AMP. OUTPUT 270/ 290/310/350 VOLT 1.25 AMPS. SIZE: 6x8x4 1/2; 23 LB RCA#901508 CNM3082 \$7.95</p>	 <p>PRI: 115 V 60 CYC SEC: 2.65V 3.5 A 2.65V 3.5 A 6.3V 3.5 A SIZE: 3 1/2 x 5 x 3 1/2; 8LB #BNJT-166 \$2.50</p>
<p>Chokes</p> <p>8 HY 100 MA 160 OHM 2 1/2 x 3 1/2 x 2 1/2; 3LB. #TR-1024 \$1.50</p> <p>10 HY 0-1 AMP. DC @ 10V 60 CPS, 268 OHMS, 2 1/2 x 3 1/2 x 2 1/2; 4LB #6467 \$1.75</p> <p>30 HY 50 MA 263 OHM 3x4x2 1/2; 5 LB. #XT-263A \$1.00</p> <p>5 TO 42 HY 160 OHMS 130 TO 20 MA 3x3x4 1/2; 7LB 5950-646-0561 \$1.75</p> <p>12 HY 210 MA 50 OHM 14 LB 5x6x4 1/2; #3C316-33 \$2.50</p> <p>20 HY 45 MA 308 OHM 2 LB 2 1/2 x 3 x 2; #5950-260-0380 \$1</p> <p>11 HY 500MA 35 OHM 25 LBS. 6 1/2 x 8 x 6; PWV6425#10-28 \$7 1/2</p>	 <p>8 HY 450 MA THORO T4473 P/O BC-303 TRAN 5 1/2 x 4 x 5 1/2; 18 LB STK#3H4622.1 \$6.95</p>	 <p>10 HY 150MA 210 OHMS WT. 4 1/2 LBS. SIZE: 2 1/2 x 5 x 2 1/2 #217366-1 \$1.75</p>	 <p>15 HY 165 MA 135 OHM 4x4x3 1/2; 8LB \$1.25</p>	 <p>17 HY 80 MA 300 OHM 2 1/2 x 2 x 3 WT. 2 #3C326-31B</p>	 <p>PRI: 220, 230, 240 SEC: 14V @ 5A 20V @ 5A 4x4 1/2 x 5 1/2; WT. 12 LB CS8779A \$5.95</p>	 <p>MULTI-VOLTAGE TRANSFORMER PRI: 115 V. 60 CYC SEC: 24/55/60/65 100 VA 3 1/2 x 4 x 4 1/2; 7 LBS. DONAGAN #A574 \$5.95</p>	 <p>PRI: 115V 50/60 CPS VARIABLE OUTPUT 30- 135V 250 MA. 5x3x4 WT. 9LBS. NEW \$4.95</p>
 <p>5 HY 500MA 250 OHM 2x2x2; WT 1 1/2 STOCK # 3C3672 PRICE: \$.75</p>	 <p>10 HY 375MA 100 OHMS 4 1/2 x 4 x 6; WT. 13 #L217210-1 PRICE: \$4.95</p>	 <p>6 HY 75 MA 150 OHM 3x3x2 1/2; WT: 2 1/2 STK#3C316-7 PRICE \$.79</p>	 <p>10 HY 415 MA RES. 60 OHMS TEST V 1800 SIZE 4x5x3 1/2 WT: 12 LBS. #5950-645-9675 \$4.95</p>	 <p>PRI: 115V 60 CPS SEC: 50V 15A 4 1/2 x 4 x 6; WT. 18 LB 5340-063651454 \$9.95</p>	 <p>PRI: 115 V 60CYC SEC: 100 V 2AMP 4x3 1/2 x 4 1/2; 8 LB. #1FX46-16 \$5.95</p>	 <p>PRI: 117V 50-60 CYC TEST 1500 VAC SEC: 6.3 VCT 1 AMP 6.3 VCT 7 AMP 3x3 1/2 x 5 WT. 7 1/2 LBS. #15-3418 \$2.95</p>	 <p>GENERAL RADIO VARIAC TYPE 20 20 AMP. 115 V. 50/60 CYCLE INPUT; OUTPUT 0-135 VOLTS WITH KNOB, NO DIAL. SIZE: 7x7 1/2 x 8; WT: 25 LBS. APPEAR TO BE LIKE NEW \$30</p>
 <p>7.5 HY 650 MA 5 1/2 x 6 1/2 x 7 1/2; 31 LB T-47174 \$7.95</p>	 <p>6 HY 80MA P/O TG-10 SIZE: 2 1/2 x 2 x 2 WT. 1 1/2 LBS. #27294 PRICE: \$.89</p>	 <p>CHOKE 10 HENRYS @ 200 MA 135 OHMS 2000 VRMS 60 CYC 3 1/2 x 3 1/2 x 5 WT. 9LB BENDIX#L217380-1 PRICE: \$3.95</p>	 <p>10 HY 150 MA RES. 100 OHM TEST 3000 V SIZE 3 1/2 x 4 1/2 x 3 WT: 7 LBS. 3C323-6220 \$1.95</p>	 <p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4 1/2 x 5 1/2 x 7 1/2; 18 LBS. #5950-645-3891 \$6.95</p>	 <p>BAND PASS FILTER 2220 CYCLE WIDTH, BAND 1285-4200 CPS INPUT: 600 OHMS 250 OHMS OUTPUT: 120,000 OHMS 2 1/2 x 2 1/2 x 3 WT. 2 LBS. \$1.95 STK# 321892-19</p>	 <p>AUDIO FREQUENCY PLATE COUPLING PRI: 30 OHMS SEC: 3000 OHMS 2 1/2 x 3 1/2 x 5 WT. 6 LB #229632.197 \$1.95</p>	 <p>3R W5L 115 V. 50/60 INPUT OUTPUT 0-135 8.5 AMP. \$18.00</p> <p>GR M2 115 V 350-1200 CPS INPUT; OUTPUT 0-135 2 AMP. PRICE: UNUSED \$7.00</p> <p>GR TYPE 60-AG357 INPUT 120 V. 400 CYCLE 3 PHASE 2100 VA IN TANDEM, OUTPUT 0-135 PRICE: UNUSED \$22.95</p> <p>POWERSTAT PRI: 12 V 60 CYC SEC: 3.5 V. 2 AMP. #E-1066 PRICE: UNUSED \$1.50</p>
 <p>8 HY 250 MA RES. 100 OHMS SIZE: 4x4x6 WT. 13 LBS. 5950-646-0775 \$4.95</p>	 <p>3.5 HY 500 MA 100 V. 60 CYC 30 OHMS 715MV 4 1/2 x 3 1/2 x 10 LBS TF1A04KA/A8649 \$2.95</p>	 <p>10 HY 75MA DC 375 OHMS 1070 MV 2x2 1/2 x 1 1/2; 1 1/2 LB TF1A04EA \$0.89</p>	 <p>LOW PASS FILTER 2.7 KC CUTOFF WITH BALANCED INPUT AND OUTPUT IMPEDANCE. SIZE: 1 1/2 x 5 1/2 x 3 1/2 WT. 4 LBS. STK 321892-1.2 \$2.95</p>	 <p>115 V 50-65 CYC & AUX. VIBRATOR SEC: 444 CT 97MA 6.3 CT 3.2A 12.4V 390MA 4x3 1/2 x 3 1/2; 9 LBS. #5950-376-9600 \$4.95</p>	 <p>AUDIO OUTPUT TRANSFORMER PRI: 10,000/2500 OHM SEC: 10/2.5 OHM 3 1/2 x 3 1/2 x 2 1/2; WT. 5LB. #29531 \$2.95</p>	 <p>TRANSTAT REGULATOR FIXED 115 50/60CYC VARIABLE 90-130 AMPS. 10 24 LB. #N30668 NO DIAL \$19.95</p>	 <p>TRANSTAT REGULATOR FIXED: 115 50/60CYC VARIABLE 90-130 AMPS: 17.4 #28323 25 LBS. \$18.95</p>
 <p>8HY 300 MA RESISTANCE 90 OHM OIL FILLED WT. 7.5 LBS. SIZE: 8x3 1/2 x 4 1/2 3340-310-190-04 \$5.95</p>	 <p>2/9.5H. 300 50 MA RES. 75 OHM OIL FILLED WT. 9LBS. SIZE: 3 1/2 x 4 1/2 FREQ #17986 \$3.95</p>	 <p>5.0 HY AT 10 60 CYC 400 M RES: 50 OHM SIZE: 6x4 1/2 x 4 WT. 13 LBS. #3521746 \$3.95</p>	 <p>10 HY 225MA 65 OHM 3 1/2 x 5 1/2 x 5 WT. 11 LBS. #T1R004YY \$3.95</p>	 <p>LOW PASS FILTER 2.7 KC CUTOFF WITH BALANCED INPUT AND OUTPUT IMPEDANCE. SIZE: 1 1/2 x 5 1/2 x 3 1/2 WT. 4 LBS. STK 321892-1.2 \$2.95</p>	 <p>TRANSTAT REGULATOR FIXED 115 50/60CYC VARIABLE 90-130 AMPS. 10 24 LB. #N30668 NO DIAL \$19.95</p>	 <p>TRANSTAT REGULATOR FIXED: 115 50/60CYC VARIABLE 90-130 AMPS: 17.4 #28323 25 LBS. \$18.95</p>	 <p>TRANSTAT REGULATOR FIXED: 115 50/60CYC VARIABLE 90-130 AMPS: 17.4 #28323 25 LBS. \$18.95</p>

ANTENNAS

Mast Bases



Mast Sections

3 ft. Tubular steel, copper coated and painted sections. These screw together to make any desired length. MS-49 being the top & smallest section increasing in size through MS-50-51-52-53 to MS-54 being the larger one. Either the MS-53 or MS-54 will fit together to form any additional height desired. Example a 33 ft. vertical may consist of one each MS-49, 50, 51, 52, and 7 each of MS-53 or it may be finished out on the bottom with 6 MS-54 sections. Self support to about 18ft. Average wt. app. 3/4lbs. MS-49-50-51-52-53 .50ea. MS-54 .75ea

Mast Bases

MP-22 Side mount swivel mast base will tip to 90° either right or left. Has a spring snap lock in the vertical position, will take either the MS-53 or MS-54 mast sections. Size Mtg. plate 5" 6" X 10 1/2" high. Wt. 9 lbs. Price.....\$2.95
MP-22A Same as above except mounting hole is for the MS-51 with the MS-49, MS-50 and MS-51. This will make a 9 ft. tapered antenna. Price \$2.95
MP-48 MAST BASE FOR THE ABOVE MAST SECTIONS STARTING WITH MS-53 OR MS-54, HEAVY SPRING 2"x3 1/4", INSULATOR AT TOP, REQUIRES 1 1/2" HOLE MTG. SIZE: 3x16; 13 LB \$4.95



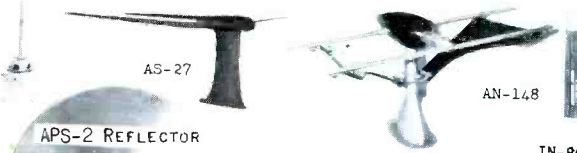
CU-168 ANTENNA COUPLER; PROVIDES MEANS FOR OPERATING 5 RECEIVERS FROM ONE ANT. UNBALANCED LINE INPUT NOW. IMPEDANCE 70 OHMS ON OUTPUT ALSO. FREQ. RANGE 2 - 32 MC. EACH COUPLING CIRCUIT HAS 4/12AU7 TUBES. POWER REQ. 115V. 10-400CY. RACK MTG. 19x8 1/2; WITH TUBES, UG-21 COAX. CONN. & MANUAL. WT; 75LBS. UNUSED \$29.95

PARABOLIC ANTENNA

DISH PAN TYPE, FOUR (4) FOOT DIAMETER ALUMINUM PAINTED GREY, 21" FEED FOR APPROX. 7100 MC. THREE INCH ROUND MTG. FOR WAVE GUIDE SIZE 1-5/16 X 5/8, FOUR (4) MOUNTING STUDS WITH HARDWARE. PHILCO#463-2252-1. SHPG. WT. IN CRATE 225 PRICE: \$29.95 DEFROST ATTACHMENT \$5.00 EXT LESS FEED SHIPPED IN CARTON WT. 75 LBS. SLIGHTLY DENTED \$15.00 FEED \$5

REFLECTORS

MICROWAVE, PLANE TYPE CONFIGURATION, ALUMINUM, NOT PERFORATED. MOUNTED BY FRAME WORK OF REFLECTOR AND BRACKETS WITH HARDWARE, GUYS AND ADJUSTMENT FOR AZIMUTH. SIZE: 8 FOOT X 6 FOOT, NET WT. 25 LBS. SHPG. WT. 375. PRICE: \$50.00



APS-2 REFLECTOR

POLISHED SPUN ALUMINUM. BAND CAN BE REMOVED. DIAMETER 29" x 27" FOCAL LENGTH 5" HOLE DIAMETER 2 1/2" SHPG. WEIGHT 6 LBS.

PRICE: \$5.95

STRAIN INSULATOR Size 1x3 4 for \$1.

GROUND PLANE ANTENNA

Ground plane antenna to cover 20 to 50 MC. Made from surplus insulated base & screw in type mast sections. Mounts on 1 to 2 inch pipe. Specify operating frequency range.

AN-45 TELESCOPING ANTENNA 8 FT. \$1.95

INSULATOR TERMINAL STRIP 8 feed thru insulators size 1/2 x 1, mounted on 1 x 9 terminal strip. Each strip \$.35 Four strips \$1.00

ANTENNA PHOSPHOR BRONZE #16 1 CONDUCTOR WITH 2 SNAPS & SLIDE CONNECTOR, INSULATED.

AN-22 " 20 " .65



AS-125/APR ANTENNA; FOR USE

W/RECEIVERS IN THE 1000-6000 MC. FREQ. RANGE, 6" MOUNTING W/HARD. JG-22 COAX. RECEPTACLE. SIZE: 6x8; 4LB. \$2.95 UG-21 COAX. CONNECTOR TO FIT ANTENNA 50%

AT-598/APT WHIP ANTENNA 30 1/2" LG. WITH COAX. REC. F/UG-100A/U. WT: 5 LBS. \$1.50 MATCHING COAXIAL LINE RG-14 11" W/2UG-100, 1 UG-109 \$2.

AT-35 DIPOLE ANTENNA 200-250 Mc. WITH UG-22 COAXIAL CONN. 2A288A-35 \$1.50

SPREADER INSULATORS WHITE CERA 3/4"x4" 2 1/2" HOLE CENTERS. \$.25 EACH 5 FOR \$1.00 3/4"x 12" 10" HOLE CENTERS \$.45 EACH, 3 FOR \$1.25

AN AN AN MP AN AN 109 130 745 74 75

AN-109 WHIP ANTENNA; 5 FT. TAPERED 1/4 TO 1/8 PRICES: \$1.50 EACH SIX (6) FOR \$3.00

AN-117 WHIP ANTENNA; 6 FT. TAPERED 5/8 TO 1/8 PRICES: \$1.50 EACH SIX (6) FOR \$3.00

TRANSMITTING LEAD-IN INSULATOR, 15" LG. THREADED ROD W/CONE INSULATORS 2/x2x1 EA. END, 8" ADJUSTABLE INS. BETWEEN CONES. #4238, 2LB \$1.00

AN-745 TELESCOPING WHIP 8 FT. TAPER 5/8-1/8 PRICE: \$1.00 EACH SIX (6) FOR \$4.00

AN-130 GOOSENECK WHIP 30", SCREW BASE FITS INSULATOR LISTED BELOW. PRICE: \$1.00 EACH SIX (6) FOR \$4.00

AN-20T CHROME TELESCOPING 20" PRICE: \$.50 EACH SIX (6) FOR \$2.00

2A-124 ALUMINUM ROD 3/8" x 6 FT. NO TAPER PRICE: .75 EACH SIX (6) FOR \$3.00

NAVY WHIP ANTENNA & LOAD COIL ASSEMBLY TYPE CCI-51048 LENGTH EXTENDED 85", COLLAPSED 15 1/2", WIRE LEAD 3 1/2" W/SNAP FASTENER CONNECTOR. WT: 1 1/2 LB. PRICE: \$1.50

AT-96 ANTENNA FOR APN-12 160-240 MC, 50 OHM IMP. 15" FIXED BLADE, STREAMLINED BASE, REQ. UG-21 COAX. CONN. 6 LB. \$5.95

A-62 PHANTOM ANTENNA \$1.25 USED WITH BC-604 TRANSMITTER FOR LOADING TRANSMITTER WITHOUT USE OF REGULAR ANTENNA. CAN BE USED FOR ANY TRANSMITTER IN THE 21 TO 28 MC. BAND. HAS A VARIABLE CAPACITOR 55 MMF., 2 RESISTORS, COIL SLUG TUNED, BINDING POSTS AND INDICATOR LAMP THAT LIGHTS WHEN TRANSMITTER IS LOADED. SIZE 3x6. WT: 4 LBS

ANTENNA COUPLER ASSEMBLY USED TO CHECK R.F. OUTPUT AND ELLIPTICITY OF CIRCULARLY POLARIZED ANTENNAS FROM COUNTER MEASURES SYSTEMS UNDER ACTUAL OPERATING CONDITIONS FREQ. RANGE 95% TO 10,500 MC. ATTENUATION 40 DB. POWER DISSIPATION 500 WATTS. ACCESSORY CASE CONTAINS RG-9/U 51 OHM COAXIAL CABLE 2 25 FT. PCS. ATTENUATORS AND ATTACHMENTS FOR VARIOUS FREQ. ANT. SIZE 12x21, CASE 12x12x16; SHPG. WT: 50 LBS. GE#757649P22 \$25.00



AS-69/APT 535-700 MC. TWO CROSS DIPOLES BENT DOWNWARD TOWARDS A SCREEN REFLECTOR (REFLECTOR NOT SUPPLIED) 1/2 WAVE TRANS. 1/2 WAVE PHASING. TAKES UG-21 CONN. 6" MOUNTING, 9 1/2" Hx 8" D. 8LB. \$9.95

MN-20 MANUAL ROTATABLE LOOP ANTENNA, USED AS A DIRECTION FINDING ANTENNA IN THE 150 TO 1500 KC FREQ. RANGE WITH MN-26 & RA-10 RECEIVERS OR ANY OTHER TYPE IN THIS RANGE USED \$2.95 UNUSED \$3.95

MN-52 AZIMUTH CONTROL BOX W/0-360 DEG. DIAL, LIGHT & CRANK USED WITH MC-124 FLEXIBLE SHAFT THAT IS CONNECTED TO THE LOOP AND WHEN CRANK IS TURNED LOOP TURN UNUSED \$2.95

MC-124 FLEXIBLE SHAFT FOR USE WITH LOOP AND CONTROL BOX, 5 1/2 FT. \$1.95 EACH EXTRA FT. 25% SPECIFY/SHIP CLOSE

CABLE FOR ANTENNA LEADIN 5 WIRE SHIELDED WITH PLUG TO FIT LOOP OTHER END BARE WIRE 8 FT. LG. #AC58267 \$1.95

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS THAT TUNES FROM 200 TO 1750 KC, OPERATES FROM 26 VOLT 400 CYCLE SIZE: 10x11x5; WT: 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95

RADAR ANTENNA RCA#636500-1 24" PERFORATED REFLECTOR, 12" STUB, 1/4 H.P. MOTOR 208 V. 400 CYC. 3 PHASE 360 DEG. ROTATION, 22.5 VARIABLE ANGLE, AY-221S RESOLVER, 36/11.8 V. 400 CYC, 2 PHASE, RELAYS ETC. SIZE: 24 x 24 x 20; WT: 40 PRICE: USED \$19.95

A-27 PHANTOM ANTENNA USED W/ BC-653/191 100 W. TRANSMITTERS FOR TUNING & LOADING. CONTAINS 0-150 MMF. WIDE SPACED 3/16" VARIABLE COND. & 2/12 OHM 40 W. NON-INDUCTIVE RES. IN METAL BOX W/KNOB & 0-100 SCALE. WT: 3 LBS. 3 1/2 x 7 x 4 1/2; PRICE: USED \$1.95 RE-NEW \$2.95

AERIAL MATCHING UNIT NO. CI ZA/CAN 9268. FREQ. RANGE 2 TO 8 MC. 50 TO 100 WATT, DEPENDING ON FREQ. CONTAINS VARIABLE CAPACITOR, TWO VARIABLE INDUCTANCE TUNERS, COUNTERS FOR PA TUNE AND ANTENNA TUNE. ALSO 1 1/2" VU METER ETC. SIZE: 8x5x10; WT: 8 LBS. PRICE: USED \$18.95

SMALL ANTENNA INSULATORS Insulating material made of polystyrene Size 1x1 1/2 Mtg. hole 3/4" Receptacle size 3/8x24 TH. STOCK # 223021-227 Fits ANT. AN-130, 131, Size 7/8x1 1/2 Mtg. hole 5/8" Receptacle size 1/2 x 20 TH. Fits any of the UHF Rods Stock # 223062-237 Specify type each \$.75

NEON LIGHTING ARRESTOR HI-POWER 4 for \$1



CABLES

NEW COAXIAL CABLE

NEW MANUFACTURE AND BRANDED WITH STANDARD TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-BETWEEN LENGTHS USE THE HIGHER PRICE. LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

	100 FEET	500 FEET	1000 FEET	5000 FEET
RG-8/U	52 OHM .12	.11	.10	.10
RG-11/U	75 OHM .20	.18	.17	.16
RG-58/U	53Ω " .05	.05	.05	.04
RG-59/U	73 " .05	.05	.05	.04

PRICES ARE PER FOOT

NEW COAXIAL CONNECTORS

SO-239	PL-259	M-359	PL-258 JUNCTION
\$.45 EA.	\$.45 EA.	\$.49 EA.	\$.89 EA.
10 OR MORE	10 OR MORE	10 OR MORE	10 OR MORE
\$.39 EA.	\$.39 EA.	\$.45 EA.	\$.80 EA.

TYPES MAYBE ASSORTED TO OBTAIN THE LOW PRICE

Coaxial Cable

FOR LESS THAN 3c Per Foot!

RG-54 A/U CABLE-



DESIGNED FOR LONG LIFE & CONSTANT ATTENUATION 58 OHMS, .250 OD. WITH POLYETHYLENE JACKET.

370 FOOT ROLL \$10.00 70 FOOT ROLL \$1.95

LESS THAN SPECIFIED LENGTHS .03 PER FOOT

COAX CABLE ASSY.

TYPE OHMS LENGTH CONNECTOR STOCK# PRICE

RG-9B/U	51	25 FT.	2/UG-21	GEPI9	\$2.25
RG-8/U	51	8FT	2/PL-259	CA-102	.75
RG-21/U	53	10FT	UG/21/22	CD-780S	.35
RG-22/U	95	40FT	PL/284	CD-879	.75
RG-22/U	95	46 1/2 FT	PL-284	CD-878	.80
RG-22/U	95	50FT	PL-284	CD-877	1.00
RG-62/U	93	10FT	2/UG-88	CG-1410	.35
RG-62/U	93	22FT	2/UG-88	CG-1410	.75
RG-62/U	93	35FT	2/UG-88	CG-1410	1.00
RG-62/U	93	130FT	2/UG-88	CG-1410	1.95

CABLES FOR SETS

CABLE #	PLUG #	LENGTH	USED WITH	PRICE
3E7243-2	OK12-23	52 IN.	TCS/REC-PS	\$2.75
3E7273-19	SKC16-23	29 IN.	TCS/TRS-PS	2.75
CD-515		48 IN.	BC-669	5.95
CD-501	F/BC-654 & PE-103			4.95
CD-548	2EA PL118	9 FT.	TEST SET	4.95
CD-549	2/ PL-112	9 FT.	TEST SET	4.95
CD-526	2/ PL-153	5 FT.	274 N SERIES	4.95
CD-532	2/ PL-152	5 FT.	"	2.75
CD-509		8 FT.	BC-659/620	2.75

COAX CONNETORS USED

UG-260/U	BNC	PLUG	USED	.20	EA.	6	FOR \$	1.00
UG-290/U	"	RECTP.	"	.20	"	6	"	.00
UG-291/U	"	PANEL J	"	.25	"	6	"	.00
UG-88/U	"	PLUG	"	.28	"	6	"	.00
SO-239	UHF	CHASS	"	.25	"	6	"	.00
PL-259	"	PLUG	"	.25	"	6	"	.00
M-359	"	ELBOW	"	.35	"	3	"	.00
UG-21	N	PLUG	NEW	.59	"	2	"	.00
UG-22	"	PANEL JUSED		.39	"	3	"	.00
UG-23	"	JACK		.39	"	3	"	.00
UG-29B	"	ST. AD NEW		.79	"	2	"	.50
UG-29SPEC.BULK.	"	"	USED	.79	"	2	"	.50
UG-100/U LN	LN	PLUG	"	.59	"	2	"	.00
UG-100 SPEC.	REC.CHAS.	"	"	.59	"	2	"	.00
UG-109/U LN	LN	ST. AD.	"	.79	"	2	"	.50
10H/528 ENG.	CHAS.REC	NEW		.59	"	2	"	.00
10H/702	90 DEG.	USED.		.59	"	2	"	.00
10H/1366	STRAIGHT	"		.59	"	2	"	1.00
UG-260/U BNC	RG-71/U	5"	TO BULKHEAD AD-N					.39
SAME AS ABOVE	W/90DEG.UG	"	"					.39
UG-260/U BNC	RG-71/U	9"	TO UG-291/U					.59
UG-260B/U BNC	"	3"	TO UG-262/U					.59

CRYSTAL TESTER



TS-268/U CRYSTAL RECTIFIER TEST SET: USED FOR TESTING DIODE CRYSTAL RECTIFIERS, CONTAINS 3 1/2" METER, 1 MA. FULL SCALE MOVEMENT WITH 0-1 DC MA AND 10 TO .1-0 KILOHMS, ALSO 5 POS. SELECTOR SW. ADJ. CONT. & PUSH SW. OPERATES FROM DRY CELL STANDARD BATTERY. USED TO CHECK 1N-21 & 1N-23 CRYSTALS ETC. SIZE: 4 1/2 x 7 1/2 x 4; WT: 5 LBS. PRICE: USED \$5.95

DUMMY LOAD

AN/URM-13 DUMMY LOAD FOR TRANSMITTER IN THE 100-400 MC RANGE 5 TO 20 WATTS. DA-38/URM-13 DUMMY LOAD WITH UG-21 COAX. CONN. AND FOUR MAZADA 1476 LAMPS, FOUR EXTRA LAMPS AND 1 UG-83 ADAPTER THAT ADAPTS UG-21 TO PL-259, IN METAL BOX 2 1/2 x 4 1/2 x 2 1/2; 1 LB. PRICE: USED \$2.95



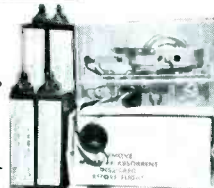
TS-238/TS-207 ECHO BOX WITH .200 DC MICROAMPERES METER 3" AND CRYSTAL ADAPTER FOR RF ENERGY. ECHO BOX IS A RESONANT-CAVITY DEVICE DESIGNED TO SIMPLIFY THE TUNING AND CHECKING OF RADAR BY PROVIDING A ARTIFICIAL OR "PHANTOM TARGET WHICH MAY BE USED IN USED IN TUNING THE RECEIVER TO THE TRANSMITTER IF NO REAL TARGETS ARE AVAILABLE. PROVIDES A CLEAR, STEADY ECHO OF KNOWN CHARACTERISTICS WHEN SUCH AN ECH IS NOT OBTAINABLE FROM NEAR BY GROUND TARGETS.) REQUIRES UG-21 COAX. CONN. SIZE: 1 1/2 x 1 1/2 x 7; WT: 15 LBS. PRICE: RE-NEW \$15.00 UG-21 COAXIAL CONNECTOR FOR ABOVE UNIT. 75¢



MA-1 RANGE SERVO TEST SET USED FOR TESTING AND TROUBLE SHOOTING AIR FORCE TYPE "A" SERIES RANGE SERVOS. SPECIFICALLY, THE TEST PROVIDES A MEANS OF MEASURING THE VARIOUS OPERATING VOLTAGES OF THE RANGE SERVO UNDER TEST AND LOCALIZING THE TROUBLE WITHIN A RADAR GUNSIGHT SYSTEM. CONTAINS 3 1/2" 50 MICRO-AMP METER WITH 0-60 0-150 SCALES IN RED FOR ACV & 0-50/500 VDC SCALE IN BLK. SELECTOR SWITCHES, INDICATOR LIGHTS AND FOUR GORN CONNECTORS 12M & 12F WHICH ARE MALE & FEMALE 12 CONTACT ALSO CABLE WITH MATCHING DETACH PLUGS. SIZE, 10 1/2 x 10 x 7 1/2 IN ALUMINUM CASE. WT; 18 LBS. PRICE: RE-NEW \$18.95

RADIOSONDE

AN/AMT-2 RADIOSONDE: CONSISTS OF TWO MAJOR COMPONENTS: T-69/AMT-2 TRANSMITTER F-2 EMISSION (FM) 390 TO 410 MC RANGE, WITH TUBES 1J1L4 & 1/955 BATTERIES REQ. BB-208 DESCRIBED BELOW. ML-3100 MODULATOR WITH SENSOR MECHANISM CONTAINING ELEMENTS CONTROLLED BY PRESSURE, TEMPERATURE AND HUMIDITY WHICH IS THEN TRANSMITTED. UNIT IS ATTACHED TO TRANSMITTER WITH CLIPS AND CONNECTED BY CABLE. BB-208 BATTERIES ARE DRY CHARGED AND PLUG-IN TO THE TRANSMITTER BOX. CONSISTS OF 3/36 VOLT & 1/6 V. EQUIPMENT IS INTENDED TO BE TAKEN ALOFT BY A FREE BALLOON AND TRANSMIT METEOROLOGICAL INFORMATION TO A GROUND STATION. ACTUAL WEIGHT 2 LBS. SHPG. 3 LBS. ALL 3 \$3.95



TS-328A/U FREQUENCY METER 400 CYCLE POCKET TYPE IN CASE W/TEST LEADS, 9 REELS 380-420 CYCLE 3x6x4; 2 LBS. PRICE: USED \$7.95



T-650 AC OUTPUT METER: SCALES 0-1.5/6/15/60/150 SIZE: 3x6x3; WT: 3 LBS. USED AS-1 \$2.

URC-4 TEST SET

TS-684/URM-30 ANALYZER FOR URC-4 RADIO SET, ALIGNMENT AND TESTING CONTAINS 0-1 MA METER, METERING SWITCH, CRYSTAL OSCILLATOR, ANTENNA CABLES ETC. IN METAL CARRYING CASE. SIZE: 6x6x4; WT: 4 LBS. NEW \$8.95

BC-221 FREQ. METER



THIS IS A SIMPLE ACCURATE AND RELIABLE CRYSTAL CALIBRATED FREQUENCY INDICATING INSTRUMENT FOR USE IN THE 125 TO 20,000 KC. RANGE, WITH A NORMAL OPERATING ACCURACY OF LESS THAN .02%. CAN ALSO BE USED AS A SIGNAL GENERATOR OR VARIABLE FREQ. OSCILLATOR.

OPERATING VOLTAGE REQUIRED FOR DRY CELL OPERATION 6 VDC .9 AMP. @ 135 VDC 20 MA. SIZE: 10x13 1/2 x 10; WT: 25 LBS.

UNITS MAY BE IN WOOD OR METAL CASES VARIOUS LETTERS, COMPLETE WITH TUBES, CRYSTAL, ORIGINAL CALIBRATION BOOK. USED SERVICEABLE \$65.00 PRICE: USED CHECKED FOR OPERATION \$79.50

TS-175 FREQ. METER 85-1000 MC

SAME AS BC-221 BUT WITH DIFFERENT FREQUENCY AND WITH MODULATION. USED CHECKED \$125



WESTON 774 ANALYZER, MULTIMETER TUBE CHECKER AND CAPACITOR TEST SET. PROVIDES FACILITIES FOR TESTING RECEIVER VACUUM TUBES, CHECKING VOLTAGE, RESISTANCE AND CURRENT OF RADIO SETS UNDER LOAD BY USE OF THE PLUG-IN CABLE AND ADAPTERS SUPPLIED WITH THE UNIT. MULTIMETER: D.C.V. 0/7.5/15/50/150/500/1000; A.C.V. 0-2/7.5/15/50/150/500/1000; D.C.MA. 0-10/100/150/500; RESISTANCE 0-10 MEGOHMS IN FOUR RANGES; CAPACITY 0-100 MF. IN FOUR RANGES UNIT COMES IN A HARDWOOD CARRYING CASE WITH ADAPTERS AND MANUAL. SIZE: 12x14x6; WT: 20 LBS. PRICE: NEW \$45.00

RECEIVER



BC-229 RECEIVER A.M. T.R.F. 201 TO 398 KC AND 2500 TO 7700 KC BY USE OF PLUG IN COILS SUPPLIED WITH THE REC WITH SIX TUBES 1/37, 1/38 & 4/39. POWER REQUIRED FOR FILAMENTS 12 VOLTS; HIGH VOLTAGE APPROX 200 TO 250 VOLTS D.C. @ 80 MA. SIZE: 16x8x7; WT: 15 LBS. PRICE: UNUSED WITH TUBES AND COILS \$9.95 CONNECTOR PLUG (1) REQ. \$1.50 TUNING KNOB \$1 A.C. POWER SUPPLY 115 VOLT 60 CYCLE WITH SPEAKER CONNECTING CABLE & PLUG IN METAL CABINET, SWITCH & PILOT LIGHT. NEW \$19.95

1-83 DYNAMOTOR TEST SET USED FOR CHECKING 14 VOLT OR 28 VOLT DYNAMOTORS. VARIABLE INPUT & OUTPUT CONTROLS ENABLE SIMULATION OF LOAD CONDITIONS. 3" METERS FOR MEASURING INPUT & OUTPUT VOLTS 0-35 VDC & 500 VDC RESPECTIVELY. INPUT CURRENT 0-10 AMPS, OUTPUT 0-250 MA. ALSO METER FOR MEASURING PERCENTAGE OF RIPPLE IN THE INPUT & OUTPUT. (THIS IS NOT A DC POWER SUPPLY ONLY A TEST UNIT) SIZE: 12 1/2 x 12 1/2 x 10 1/2; WT 23 PRICE: USED \$18.95

CONNECTOR, CABLE & TERMINAL STRIP... \$2.75

30 MC TRF RECEIVER



R-38C/MPN- RECEIVER 30 MC T.R.F. PULSE RECEPTION RADAR "S-X" WITH AFC AND GAIN CONTROLS ALSO TEST JACKS. 117 V 60 CYCLE VOLTAGE REQ- LATED POWER SUPPLY. WITH TUBES 2/6SN7, 2/6V6, 1/884, 1/VII, 7/6AC7, 1/6H6, 2/5R4G, 3/6E4G, 2/6SJ7, 2/YR-105, 1/YR-150. RACK MTC. 19" x 3x 20 1/2; WT: 100 LBS. PRICE: WITH TUBES \$35.00

FREQUENCY POWER METER



FREQUENCY POWER METER ME-51/UP FREQUENCY COUNTER 1100-3999 CALIBRATED TO FREQUENCY 3100MC TO 3500 MC. HAS 0-1.5 MA; 0-25 MW METER. WITH CABLES, IN METAL CARRYING CASE, 18 LBS. 8 1/2 x 9 1/2 x 9 1/2 USED \$19.95

RADAR SET



RT-39/APG-5 RECEIVER-TRANSMITTER P/O APG-5 RADAR SET. FREQ. RANGE 2500 TO 2600 MC. POWER OUTPUT 0.5 KW, OPER. RANGE 200 TO 1800 YDS AGAINST AIRCRAFT 5000 YDS AGAINST SHIPS, REMOTE CONTROL, THIS UNIT SUPPLIES RF PULSES TO ANT. AND FEEDS REC. ECHO TO RANGE UNIT. PULSE MODULATED CRYSTAL MIXER. POWER REQ. 115V400 CYC AND 24 VDC. TUBES REQUIRED 1/2C43, 1/2C40, 1/3E29, 9/6AK5, 1/2X2, 1/5Y3, 1/VR-105, 1/1B27 AND 1/1H21. CONNECTOR PLUG \$2.00
 SIZE: CAN 16X10; WT: 25 LBS.
 PRICE: WITH TUBES \$39.50 LESS TUBES \$20

CF-8/APG-5 RANGE COMPUTER; USED W/ RT-39/APG-5 R/T LISTED ABOVE, RECEIVES VIDEO FROM R/T AND FURNISHES V PROPORTIONAL TO RANGE TO SERVO AMPLIFIER. POWER REQ. 115 V. 400 CYCLE AND 24 VDC. WITH TUBES 2/5Y3, 2/6AC7, 2/6SJ7, 3/6SL7, 5/6SN7, 1/6Y6, 1/884, 1/VR-105 & 1/VR-150. ALSO 24 VDC BLOWER. SIZE: 16X10 CANNISTER COVER INCLUDED. WT: 25 LBS. (DEMILITARIZED BUT NO EFFECTIVE DAMAGE.) \$19.95
 PLUG CONNECTORS \$2.00 EA. 2 REQ.

AM-61/APG INDICATOR AMPLIFIER; USED WITH APG-5 AND APG-15 SYSTEM WITH ID-116 INDICATOR. POWER REQ. 115 V. 400 CYC. & 24 VDC. WITH TUBES 7/6SN7, 1/5Y3, 3/6SL7, 1/8016, 3/VR-105, ALSO 24 VDC BLOWER. SIZE: 16X10 CANNISTER COVER INCL. WT: 25 LBS. \$19.95
 PLUGS \$2.00 EA. 2 REQ.

ID-93/APG-13 RADAR INDICATOR; GIVES TYPE M INDICATION, TYPE INDICATION WITH A STEP ADDED OF OUTPUT OF RT-39/APG-5 REC. TRANS. (DESCRIBED ABOVE). POWER REQ. 115V400 CYC AND 24 VDC. WITH TUBES 1/3BP1, 2/6H6, 6/6SN7, 1/5Y3 & 1/2X2. ALL CONTROLS ON FRONT PANEL, VERTICAL HORIZ., INTENSITY, ZERO SLOPE, MARKER AMPLIFIER REC. GAIN, YARDS RANGE, FOCUS ETC. SIZE: 8X10X16; WT: 25 LBS. NEW \$19.95
 CONNECTOR PLUGS, 1 TO RT-39, 1 TO C-1 SIGHT AND 1 FOR INPUT POWER, EACH PLUG \$2.00.

RADAR JAMMER

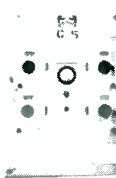


T-26/APT-2 RADAR TRANSMITTER; 500 TO 700 MC, RADIATES 5 WATT OF R.F. ENERGY WHICH IS MODULATED BY A 931 MULTIPLIER (PHOTO) FOR NOISE GENERATOR, 3 MC CARRIER BAND WIDTH. POWER REQ. 115 V. 400 TO 2600 CYC. AND 24 VDC WITH TUBES 1/2X2, 2/5R4, 2/6AC7 1/6AG7, 2/368, 1/807, 1/931. SIZE: 10 1/2 X 8 X 20; WT: 50 LBS. UNUSED \$29.95
 CONNECTOR PLUG \$2.00 ANTENNA PLUG \$.99

JAMMER



RT-45/APG-1 RECEIVER AND TRANSMITTER 14 TO 50 MC. TRANS. USED FOR JAMMING EMPLOYS DIRECT AMPLIFICATION FROM 931A PHOTO-MULTIPLIER TUBE NOISE GENERATOR. R.F. AMPL. HAS A BAND WIDTH OF 200 KC. SINGLE TUNING CONTROL SETS REC-TRANS. ON THE FREQ. ALL REC. RF AND IF CIRCUITS ARE TUNED AT ONE TIME. TRANS. POWER OUTPUT 25 WATT. WITH TUBES 1/6SJ7, 3/6SG7, 1/6J5, 1/6AG5, 1/5Y3GT, 1/5R4GY, 1/2X2 AND 1/931 (OPTIONAL). POWER REQUIRED 115 V. 400-2600 CYCLE AND 24 V. METER 2 1/2" 0-200 DCMA. CONDITION UNUSED BUT HAVE BEEN DEMILITARIZED BY CUTTING FRAME WITHOUT DAMAGE TO PARTS. SIZE: 10X8X21; WT: 35 LBS. \$29.95 L/931 \$25



COLLINS 156B-4 ANTENNA COUPLER 225-400 MC, FOUR TUNEABLE CAVITY FOR SETTING UP TRANSMITTER ON DIFFERENT FREQ. FOUR JONES MICRO-MATCH COAX. ADAPTERS. METER 2 1/2" 0-200 MICROAMP. WITH SELECTOR SWITCH FOR MEASURING THE OUTPUT OF EACH CHANNEL SELECTED, METER SCALE 0-200 WATTS. POWER OUTPUT. SIZE: 25X17X22; 50LBS. USED \$50.00



STROWGER RELAY SWITCHING DECKS THAT MOUNT ON THE END OF THE ASSY. SHOWN TO THE LEFT 2 ASSEMBLIES OF 10 DECK 10 CONTACT. WT: 4 LBS. #10D10C. PRICE: USED \$1.00 WIPER ARMS 25¢ EA.



EE-101 TELEPHONE RINGING EQUIPMENT USED FOR CONVERTING 20 CYCLE RINGING TO 1000/20 CYCLE ALSO 1000 CYCLE TO 20 CYCLE FOR OPERATING TEL. DROPS ON 2 CHANNELS. OPERATES FROM 115/230 V. 50/60 CYCLE OR 12 VDC. WITH TUBES 6/6SJ7, 1/6V6GT. 19X9 RACK MGT. SHIPPED IN WOOD CHEST 100 LBS. PRICE USED \$9.95



TG-30 REPEATER, TELEGRAPH TERMINAL FOR TRANSMITTING OR RECEIVING ON A HALF DUPLEX ONE CHANNEL OPERATION. CAN BE USED TO INTERCONNECT NEUTRAL AND POLARENTIAL OR TWO PATH POLAR TELEGRAPH OR TELETYPEWRITER SYSTEMS ON SIMPLEX OR COMPOSITED RETURN CIRCUITS. SPEED 60/66. OPERATES FROM 115/230 V. 50/60 CYC & 115 VDC SHIPPED IN WOOD CHEST 25X16X14; 175 LBS PRICE: USED \$9.95 RE-NEW \$16.95



BD-57 SWITCHBOARD; 20 COBES AND PLUGS WITH 60 JACKS, USED FOR SUPERVISORY SWITCHING TO STUDENTS IN CODE PRACTICE SCHOOL. (VQ-3 OSCILLATOR ON PAGE 7 CAN BE USED WITH THIS EQUIPMENT. SIZE: 24X10X8; WT: 35 LBS. PRICE: USED \$12.95

ADW-BM TELEPHONE OBSERVING 5 LINE SINGLE POSITION, USED FOR MONITORING IN-OR-OUT CALLS WITH HOLD POSITIONS AND CONFERENCE CALLS FOR ANY GROUPING. OUTPUT JACK FOR AUDIO. INDICATOR LIGHTS FOR ESTABLISHED CAL. VOLTAGE REQUIRED 20-26 VDC. WOOD CABINET 15X17X15; 50 LBS USED \$14.95 NEW \$19.95 PHONE PLUG \$1.50 2 CONT

RECORDER-VISUAL



BC-1323A RECORDER-REPRODUCER AUDIO-VISUAL, USED TO RECORD ON STEEL TAPE 48" LONG 3 CHANNELS AUDIO FROM MICROPHONES, 64 OHM RECODING HEAD, TAPE SIZE .050 W.X.002 TH. 6" PER. SEC. RECORDING SPEED. DISPLAY ON 2" 913 CR TUBE VIEWED THRU RUBBER EYE PIECE. OPERATES FROM 6 VDC 5.5 AMP. WITH 10/9001, 1/6AK6 & 1/913 CR TUBES. SIZE: 8X28X6; WT: 40 LBS. USED \$9.95

USED \$3.95

PORTABLE REPEATER

EE-89 TELEPHONE REPEATER; PORTABLE BATTERY OPERATED, 2 WAY LINE UNIT, CAN BE USED AS TERM. OR INTERMEDIATE AMPLIFIER, USES ONE 3Q5GT TUBE, INCLUDES HEADSET ELEMENT FOR MONITORING AND GAIN CONTROL, BATTERY VOLTAGE REQUIRED 1.5 & 90 VDC. IN WOOD CASE W/CARRYING STRAP. SIZE: 6X8X8; WT: 12 LBS.



RM-42 CONTROL UNIT USED TO OPERATE A RECEIVER & TRANSMITTER FROM A REMOTE POSITION WITH 2 CHANNEL SELECTION ALSO USED AS INTER-COM OR CONNECTED TO BE USED AS TELEPHONE SYSTEM. HAS MAGNETO HAND CRANK GENERATOR FOR RINGING & HANDSET WITH PL-204 ALSO 2 TELEPHONE TYPE SWITCHES, 4 PILOT LIGHTS, VC, ON-OFF SW ETC. REQUIRES WIRES BETWEEN EACH UNIT FOR USE AS TELEPHONE AND BATTERIES. IN METAL CABINET WITH SLOPING FRONT. SIZE 7 1/2 X 8 X 9 WT: 14 LBS. \$8.95

NAVY INTERPHONE AMPLIFIER USED WITH TCS EQUIPMENT. PUSH-PULL 2/12A6 TUBES. CARBON MIC. INPUT 75-200 OHM ALSO 600 OHM. OUTPUT 125 OHM. VOLTAGE REQUIRED 12 VDC & 250 VDC 60 MA. HAS MOUNTING FOR DYNAMOTOR 35X032, 12 VOLT. (SEE CONVERSION INFORMATION LISTED BELOW.) SIZE: 7 1/2 X 10 X 7; WT: 15 LBS. PRICE: AMPLIFIER WITH TUBES \$2.95 " " & DYN. 6.95

KIT FOR CONVERSION TO SPEAKER OUTPUT, APPROX 5 WATTS, INCLUDES OUTPUT TRANSFORMER, MIC & PHONE JACKS, SWITCH, CABLE AND PLUG FOR PLUGGING INTO LIGHTER AND INSTRUCTIONS. \$2.00

STROWGER STEP BY STEP RELAY ASSEMBLY IS USED IN CENTRAL OFFICE DIAL TELEPHONE EXCHANGE. THIS IS THE HEART OF THE DIAL TELEPHONE SYSTEM AS IT HAS THE TEN STEP BANK SELECTION AND 10 STEP LINE SELECTION TRUNK LINE SENSING MECHANISM WITH NECESSARY HOLD AND RELEASE RELAYS. (THE BANK OF ROTARY STEPPING SWITCHES IS NOT PART OF THIS ASSY). SIZE 14X5X7; WT: 13 LBS. WE #ED55242-31G1 PRICE: USED \$5.95



READING PACER TIMER

READING PACER AND READING TIMER THE READING PACER WILL TEST YOUR READING SPEED AND WILL HELP YOU INCREASE THIS SPEED WITH ITS USE. CONSISTS OF A BATTERY OPERATED INSTRUMENT WITH A VARIABLE SPEED WHICH CAN BE SET FOR 250 TO 650 WORDS PER MINUTE, WHEN THE PACER BAR IS PLACED IN POSITION IT WILL MOVE IN ACCORDANCE WITH THE SPEED SETTING. THE READING TIMER IS A SPRING WOUND MECHANICAL TYPE WITH STOP & GO CONTROL AND CAN BE SET FOR A GIVEN TIME UP TO 5 SECONDS OR CAN BE USED FOR ELAPSED TIME. SIZE: 10 1/2 X 1 1/2 X 1 1/2; T-2 1/2 DIA. WT: 2 LB. \$4.95



Lōōk. Lōōk. Lōōk LIMITED SUPPLY

WESTERN ELECTRIC 48A TRANSMITTER AND RECEIVER, 250 WATTS, 2-18 MC, 30 CHANNELS, 120 VOLT 60 CYCLE.. \$250.00
 COLLINS BC-460A TRANSMITTER 2-18 MC. 11 PRESET CHANNELS 200/400 WATTS 115/230 V. 60 CYCLE. \$200.00
 TB-142A TRANSMITTER 275-510 KC, 100 150 WATTS, 1.5 V. 60 CYC. HALLI. \$100.00
 TB-143A TRANS. AMPLIFIER 275-510 KC. 750 WATTS. ERC. RADIO. \$100.00
 NAVY TYPE CFT-52263 TRANSMITTER 200-550 KC 133 WATTS 115 V. 60 CYC. \$100.00
 3C-365 TRANSMITTER 150-550 KC. 350 WATTS, 120/220 60 CYCLE. \$100.00

FR-83/U AUDIO FREQUENCY CALIBRATOR TEN STEPS OF 30/50/100/150/200/250/300/350/400/450 AND 500 CYCLES, WITH SYNC. INDICATOR LIGHT. OPERATES FROM 115 V 60 CYCLE, WITH TUBES 6X4, 0R2, 3/12AT7, 1/6AG5 & 1/12AX7. IN PORTABLE CARRYING CASE WITH HINGED COVER & SCHEMATIC. SIZE: 7X8X15; WT: 25 LBS. PRICE: USED \$30.00

RADIATION DETECTOR



AN/PDR-27 RADIAC SET IS A PORTABLE, WATERTIGHT, BATTERY-OPERATE RADIATION DETECTOR AND INDICATOR. IT IS CAPABLE OF DETECTING AND MEASURING BETA AND GAMMA RADIATIONS TOGETHER OR GAMMA RADIATION ALONE. THE TEST UNIT CAN BE CARRIED BY HAND OR BY THE SHOULDER STRAP. THE PROBE IS ATTACHED TO THE MAIN UNIT BY A COILED CORD. VISUAL INDICATION IS PROVIDED BY THE RADIAC METER, AURAL INDICATION IS PROVIDED BY THE HEADPHONES. BATTERY VOLTAGE REQUIRED 135 VDC & 1.5 VDC ALSO 22.5 -DCV. WITH TUBES 3/502 X, 1/3V4, 2 GM TUBES 9S-1 & 2. HEADSET AND MANUAL CONTAINED IN METAL CARRYING CASE 9 1/2 X 15 X 10 1/2; WT: 28 LBS. PRICE: USED \$19.95
 CHECKED FOR OPERATION \$24.95

VISUAL FLASH LAMP

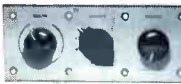


USED BY AIRCRAFT OR GROUND UNITS FOR IDENTIFICATION PURPOSES. DESIGNED TO DELIVER EXTREMELY BRIGHT FLASH OF LIGHT 1 FLASH PER 1 1/2 SEC. WHICH CAN BE SEEN BY AIR IN BRIGHT SUNLIGHT FOR 3 MILES OR 1 MILE ON THE GROUND. AVAILABLE FOR 6, 12 OR 24 V. OPERATION. CONSISTS OF A HIGH VOLTAGE CONVERTER USING A VIBRATOR TYPE POWER SUPPLY, PENNYSYLVANIA TUBE #1073. COMPLETE WITH 20 FT. CABLE MANUAL. IDEAL FOR BOATS, PLANES, AUTO BOAT LANDINGS, COTTAGES, PHOTOGRAPHIC WORK ETC. (CAN BE OPERATED FROM 115 VOLT BY USING OUR D.C. POWER SUPPLIES LISTED ON PAGE 7) SIZE: 1 7/8 X 1 1/2 X 4 1/2; WT: 50 LBS. PRICE: UNUSED CHECKED FOR OPERATION \$29.95

Control Boxes Filters Indicators Tuning Units Amplifiers



C-847/U CONTROL BOX FOR AN/VRC-19. CONTROL BOX CONTAINS 2 PILOT LIGHTS, MOMENTARY SPEAKER CONTROL, SQUELCH CONTROL, AND EXPULSION PROOF SPEAKER. WHOLE UNIT IS WEATHER PROOF. SCHEMATIC INCL. 9x5 1/2x3 1/2 WT. 6 LB USED \$8.95
U-77 CONNECTOR PLUG FOR HANDSET. USED \$1.00




CONTROL PANEL CERAMIC ROTARY SWITCHES
LOCAL/REMOTE 3 CIR. 10 POS. CHANNEL, 50 OHM POT DIMMER. SIZE 6 1/2x2 1/2x1 1/2; 1LB. \$1.25
RDZ-H-307




TELECORD REMOTE CONTROL 3 NEON IND. 2 SPST PUSH SW w/251 7 COND. CORD. 3x2x5 1/2; 5 LB. NEW \$4.95

C-87/ART-13 CONTROL BOX, WITH 11 CHANNEL SWITCH, OFF, VOICE, C.W-MCW, IND. LIGHT, MIC JACK & CODE KEY. \$2.95

C-626/ARC-27 CONTROL BOX. AUTOMATIC CHANNEL SELECTOR PRESET MECH. w/ 24 v. DC MOTOR, RELAYS, GEARS ETC. SIZE 6 1/2x6x5; WT: 13 LBS. PRICE, USED \$4.95



BC-1303 CONTROL UNIT USED IN IE-36 TEST SET FOR SCR-522. HAS ALL FACILITIES FOR OPERATION, OFF-A-B-C-D CHANNEL SWITCH, MIC, PHONE & ANT. JACKS, TRANS, REC & REMOTE SW. & PL-170 RECEPTACLE. \$3.95



VERNIER DIAL 6" 0-100 SCALE ADJUSTABLE STOPS 5 POS. USED IN TAJ TRANS. 4 LB. \$2.75



BC-1366 BC-335 C-4/ARN-7 RADIO COMPASS CONTROL BOX USED w/R-5, 5A ARN-7, THREE BANDS 200-1750 2" TUNING METER & GRAIN OF WHEAT LAMPS. TAKES MC-124 CONTROL SHAFT. USED \$3.95
FT-224 MOUNTING FOR C-4 BOX WITH TERMINAL STRIP & PLUG USED \$1.50

BC-1366 CONTROL BOX CONSISTS OF 5 POSITION ROTARY SWITCH, VOLUME CONTROL & MICROPHONE & PHONE JACKS PRICE: \$1.00

BC-335 CONTROL BOX WITH MICROPHONE & PHONE JACKS VOLUME CONTROL. 3x3 1/2x1 1/2 2 LBS. \$.55

Beam Filter
NAVY TYPE 16F2150
1020 CYCLE ACCEPT
OR REJECT w/PL-55 PLUG ON CORD. PRICE: NEW \$2.25
FL-8 AIRFORCE TYPE SAME AS ABOVE LESS PL-55 \$2.50

TL-150 TUNING WAND
FOR BC-659, BC-620 \$7.75

SIDE BAND Loading Coil C-114 - \$1.50
PHONE PATCH TRANSFORMER C-161 - \$1.50

HORN
AIRCRAFT HORN SIGNAL WARNING EMERGENCY Type J-1 Part # 71918 24 VOLT DC. 4"x1 1/2" 1LB. PRICE: \$1.50

LAMP WITH REFLECTOR, BRACKET & TILT MERCURY SWITCH. WITH 12 VOLT BULB. USED FOR TRUNK LIGHT WHEN LID IS RAISED LIGHT LIGHTS. ALSO MANY OTHER USES. REFLECTOR 1 1/2x2 1/2" #6210-702-8113 59¢ 2 FOR \$1

FLASHER POSITION LIGHT, PERIODIC AIRCRAFT TYPE C-2, CONTAINS 2 FLASHER G-107 BALLAST TUBE, 24 VDC RELAY OPDT, COND, RES SIZE: 4x4x4; WT: 2 LBS. USED PRICE: \$1.00 EA. 2/\$1.50

HEATING ELEMENT
115 VOLT 500 WATT SINGLE SECTION STRIP 23 1/2 LG. X 1 1/2" WIDE X 7/16", METAL SHEATH & MTG. HOLES. 2LBS 225015-24 \$1.50 EA.

HEATING CABLE LEAD HEATING CABLE LEAD COVERED 25 OHM 60 FT. #PARANT-48 131L 60 FT. LTH. \$2.95

REMOTE CONTROL BOX 3 SPST SWITCHES, 2 EA. MIC & PHONE JACKS ALL WATER-PROOF, 1 DUAL POT. ETC. SIZE: 5x5x3x3 WT: 3LBS. #CMX23366A NEW 75¢

C-30/ARC-5 BC-451 BC-136/2 C-30/ARC-5 CONTROL BOX WITH 7 push button switches marked A, B, C, D, OFF, 1 & 2. Also tone, CW & voice switch & connectors. Price... \$1.00
BC-451 CONTROL BOX with switches tone-CW-voice, on-off, 1/2/3/4 also code key, mic & phone jacks.

BC-136-2 Control unit with mic & phone jacks, volume control & two binding post. \$.35 each Four for \$1.00

1-101 CROSS POINT INDICATOR FOR COMBINED USE FROM LOCALIZER REC. & GLIDE PATH REC. PART OF IRLN-5 & RC-103. SIZE 3 1/2x3 1/2x3 WT: 3LBS. USED \$1.95

CAMERA LIGHT FILTER GRAY COLOR 50% TRANS. SCREW IN MOUNTING. 2-23/32 69MM DIA. WRITTEN DENSITY .30 FOR WOLLENSAK TYPE V254 MM F4.5 35 MM P/O PH330G CAMERA 8A1101-50.4 \$1.95

VACUUM CAPACITOR
VACUUM CAPACITOR 3 MMFD 15 KVDC, PLUS OR MINUS 10% w/ CONNECTORS. SIZE 5/8x4; 8oz. JENNINGS TYPE Y-3 \$1.50
WESTERN ELECTRIC No. 8047 50 MMF, 5 KV, 5 AMP. SIZE: 1 1/2x1 1/2; 4 oz. w/WBC442 \$2.50

TIMER CLOCK ACCURATE MOVEMENT DRIVEN BY SYNCHRONOUS MOTOR. CONTACTS TO AUTOMATICALLY TURN OFF A UNIT WHICH IS CONNECTED ACROSS T CONTACTS. MAXIMUM TIME ON, IS SIX HOURS. THIS CLOCK HAS MANY USES IN THE HOME AND SHOP. ALL CONTROLS ON FRONT. HAS SWEEP SECOND HAND. FACE, 4 1/2x3 1/2; 2 1/2" DEEP. 115v 60cyc. 4 LBS. \$2.95

BB-212 PLASTIC BATTERY NON-SPILLABLE, BALL INDICATOR 2 VOLT 40 A. 7x4x2 1/2; WT: 7 LBS. \$1.95

BB-208/ANT RADIO-SOUND DRY CHARGE BATTERIES, 4 IN A VACUUM PACKED CAN, ONE 6V 2 1/2HR THRU 30 OHMS, 3 36V EA. 3A HR. THRU 1200 OHM. EA. BATT. SIZE 1-5/16x29/32x4-5/32. WT. EA. BATT. 4 1/2 OZ. BATTERY PACK (4) .5¢

M-T-6 PLASTIC STORAGE BATTERY DRY CHARGE, 6 VOLT 4 AMP. 3 1/2x 2 1/2x2 1/2; 1LB \$3.95

WILLARD PLASTIC STORAGE BATTERY 2 VOLT 28 AMP. HOUR NON-SPILLABLE, BALL INDICATOR DRY CHARGE, ADD ELECTROLYTE SIZE 4x5x3; WT: 4LB. \$2.95

AUTOTUNE HEAD FOR ATC/ART-13 TRANSMITTERS. MULTITURN UNIT WITH DIAL 0-100, KNOB, REVOLUTION COUNTER, LOCKING DEVICE FOR PRESETTING. CONTROL "B". COL#23518 PRICE: \$1.95

FLEXIBLE COUPLING



1 2 3 4

CERAMIC INSULATED FLEXIBLE COUPLING FOR 13,500 VOLT FLASHOVER. 2 5/8"x2 3/8" FOR 1/4" TO 3/8" SHAFTS. COUN001 EA. \$.50

METAL FLEXIBLE COUPLING 2" X 1 1/2" FOR 1/4" TO 3/8" SHAFT COUN002 EA. \$.40

INSULATED FLEXIBLE COUPLING 1" x 1 1/2" FOR 1/2" SHAFT. COUN003 \$.25

JOHNSON CERAMIC COUPLING 2x2 F 1/2" SHAFT #COUN006 59¢ 2 FOR \$1

METAL FLEXIBLE COUPLING F 1 1/2" TO 3/8" SHAFTS. 1" DIA. 1 1/2" LONG. COUN005 \$.25

PRESSURE TRANSDUCER TYPE M-1 TOSS BOMB COMPUTER ELECTRIC TYPE DUAL DIAPH. HIGH LOW CONN. PITOT & STATIC LINES. SIZE 6x3x4; WT: 3 LBS. STK#1280-568-6013 \$3.95

LANDING GEAR SWITCH ASSEMBLY, SINGLE POLE DOUBLE THROW, PLUNGER TYPE, PLUNGER IS DEPRESSED OPENS ONE CONTACT, CLOSES OTHER, SPRING RETURN. SIZE 3x2x1 1/2; PLUNGER 2 1/2. WT: 8 OZ. PRICE: \$1.50

DICTOGRAPH SWITCH BOX LEVER SWITCH 3 POSITION OFF-LISTEN-TALK, 2 INDICATOR LIGHTS, 6 POSITION WAFER SWITCH, 5 FT. 14 COND. CABLE, WOOD CASE WALNUT FINISH. 2x4x3 3 LBS. #DICT. 95083 \$3.95

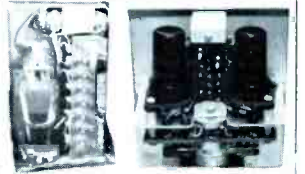
M-33 INSTRUMENT LIGHT w/GRAIN OF WHEAT LAMP, SWITCH & CONTROL RHEOSTAT. USES 2 TYPE "D" FLASHLIGHT DRY CELLS. 1 LB. 75¢

K-14 GUNSIGHT LENSES IN FRAME EACH LENSE 2" DIAMETER, APPROX 3 POWER. WT: 1 LB. \$1.00

RIGHT & LEFT ANGLE DRIVE SHAFT 3/16" SIDE 1/2 MALE & 1/2 FEMALE. 2 1/2x2 1/2x1 1/2 \$1.50

VERNIER DIAL 2 1/2" 100 TO 0 SCALE. TAKES 1/2" SHAFT. PRICE: \$1.50

1D-14/APN-1 RADIO ALTIITUDE METER, 3" SCALE 0-6 MA MOVEMENT. CAN BE USED AS A BASIC METER MOVEMENT AND CHANGE SCALE AS DESIRED. PRICE: USED \$1.50



BC-347 AIRCRAFT INTERPHONE AMPLIFIER

Used in small planes for speaking. Has two oncer transformers Carbon microphone input & standard headset output. Requires 12 Or 24 volt & 250VDC. Uses 6P8G tube. Size 3x2x5 1/2 WT 3lbs. With tube \$1.95 Less tube \$1.25
BC-212 INTERPHONE AMPLIFIER USED IN AIRCRAFT FOR INTER COMMUNICATION, CARBON MIC INPUT, OUTPUT FOR 2000 OHM HEADSET. w/ 2/6J5 TUBES. VOLTAGE REQ. 12 V & 220VDC SIZE: 5x5x2; 2 LB. \$1.95

AMPLIFIER USED IN TANK FOR INTERPHONE. w/TWO 6V6 TUBES, LESS DYNAMOT OR. REQUIRES 250 VDC 50 MA. & FILAMENT VOLTAGE. SIZE: 9x9x3; WT: 10 LBS. BC-367 NO CASE F/12V \$1.95 BC-667 w/ " F/24V 2.95

BATTERY CHARGER FOR BB-51 & BB-52 BATTERIES. TRICKLE CH OPERATES FROM 6 OR 12 VOLT STORAGE BATTERY. HAS 2-3" METERS 0-100 DC VOLTS AND 0-30 & 0-300 DC MILLIAMPS SCALES. SIZE: 12x8 1/2x7; WT: 20 LBS. PRICE: \$14.95

100 POWER INSPECTION MICROSCOPE MANUFACTURED BY JONES & LAMSON MACHINE CO. 9x2 WT. 5LBS. \$14.95

VIBRATORS

VB-16/6, 12 OR 24 VOLT FOR PE-237 \$3.95
TYPES LISTED BELOW \$1.95 EACH
VB-1/6 VOLT FOR PE-117 PE-97 & PE-237 SAME AS VB-7
VS-3/6 VOLT FOR PE-104 SAME AS MALL-5500
G534/12 VOLT FOR PE-110
VB-8/2 VOLT FOR PE-157
VB-9/6 VOLT FOR PE-157
VB-11/24 VOLT FOR PE-12
VB-12/6 VOLT FOR PE-120
VB-13/12 VOLT FOR PE-12

TS-279 DUMMY ANTENNA LOAD
Three inch pyrex feed thru insulator, 1000 ohm 100 watt resistor with two test lead & clips. Cabinet size 13 x 6 x 4". Can be used for a chassals. Stock # TS-279 Price \$1.95

MINIMUM ORDER \$3.00

POWER SUPPLIES



RECEIVER POWER SUPPLY & SPEAKER FOR THE FOLLOWING SETS
 R-23/ARC-5 BC-453 BC-342
 R-24/ARC-5 BC-454 BC-344
 R-25/ARC-5 BC-455 BC-348
 R-26/ARC-5 BC-946 BC-429
 R-27/ARC-5 RAX

COMPLETE WITH 6" DYNAMIC SPEAKER HOUSED IN A METAL CABINET WITH CONNECTING CABLE, PLUG, PHONE JACK, VOLUME CONTROL, BFO SWITCH ETC. IF REQUIRED, CAN ALSO BE USED FOR OTHER SETS. OUTPUT 200/250 VDC @ 90/60 MA. & 24 VAC @ 2A. INPUT 115 VOLT 60 CYCLE. SECIFY FOR WHAT SET. SIZE: 10x10x6; WT: 15 LBS. NO. P.S.(SET NUMB.) PRICE; KIT OF PARTS \$17.00 WIRED \$19.95

BC-652 RECEIVER POWER SUPPLY WITH SPEAKER SAME AS ABOVE; KIT \$20.00; WIRED \$23.95



BC-603/BC-683 RECEIVER P.S. DESIGNED TO BE PLUG IN-TO THE SAME PLACE AS THE DYNAMOTOR WITH NO CONVERSION TO THE SET THAT WILL EFFECT THE OPERATION FROM THE DYNAMOTOR. ONLY WORK REQUIRED IS ADD ON/OFF SWITCH IN PLACE OF SPARE FUSE HOLDER. TRANSFORMER TYPE USING 5Y3GT TUBE

OUTPUT 220 VDC, 80 MA. & 24 VDC 2 A. WT: 5 LBS. NO. P.S. 603/683 KIT \$10.00 WIRED \$14.95

BC-923 RECEIVER POWER SUPPLY

OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 275 VOLTS DC, 150 MA. & 12.6 VOLTS AC. 4 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5U4G TUBE, CHASSIS, WIRING DIAGRAM, LINE CORD ETC. SIZE: 5 1/2 x 6 1/2 x 9 1/2; WT: 15 LBS. PRICE \$22.95

R-77/ARC-3 RECEIVER POWER SUPPLY

OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 210 VOLTS DC @ 125 MA. & 24 VOLTS AC @ 2 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5Y3GT TUBE, CHASSIS, LINE CORD ETC. #PS-R77/ARC-3 SIZE: 5 1/2 x 6 1/2 x 9 1/2; WT: 14 LBS. (LAYOUT SAME AS 923) PRICE \$22.95

POWER SUPPLY No. 7630019. OPERATES FROM 115 VOLT 60 CYCLE DUAL HIGH VOLTAGE OUTPUT 400 DC 200 MA & 400 DC 200 MA. ALSO 6.3 VAC 2.75 A. & 6.3 VAC 5.5 A WITH 2/5R4GY TUBES. SIZE: 10x7x15; WT: PRICE: \$19.95



CABLE WITH 18 CONTACT PLUG TO FIT P.S \$2.00

POWER SUPPLY No. 7630020VR VOLTAGE REGULATED, OPERATES FROM 115 VOLT 60 CYCLE. OUTPUT 200-250 DC. @ 150-250 MA. ALSO 6.3 VAC 2.75A & 6.3 VAC 5.5 TUBES 2/6AS7G, 1/VR-105, 1/6AK7 & 1/5R4G. WT: 30 LBS. SIZE: 11 1/2 x 10 1/2 x 6 \$18.95

CABLE WITH 18 CONTACT PLUG TO FIT POWER SUPPLY PLUG, 4 FOOT \$2.00

POWER SUPPLY 763003 (MODIFIED) OUTPUT 375 VDC @ 225 MA & 6.3 VAC @ 2.75 A, 6.3 VAC @ 5.5 A. INPUT 115 VOLT 60 CYCLE. WITH 2/5R4GY TUBES. SIZE: 9 x 13 x 7; WT: 35 LBS. PRICE: \$14.95

CONNECTOR 18 CONTACT \$2.00

PP-662/GPN POWER SUPPLY, VOLTAGE REGULATED, 300 VDC 10 TO 90 MA. PLUS POTENTIAL, 210 VDC MINUS. WITH TUBES 4/5651, 2/6AH6, 1/12AT7, 2/6AS7, 1/5Y3 & 1/5R4. OUTPUT PIN JACKS WITH ADJUST METERING SWITCH, FUSED OUTPUT & INDICATOR LIGHTS. SIZE: 10x8x20; WT: 35 LBS. NO. COVER OR PLUG IN RELAY. POWER REQUIRED 115 VOLT 60 CYC PRICE: USED \$14.95



DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE CORD, PILOT LIGHT, LINE FUSE ETC. INDICATED RATINGS ARE FOR LOAD CONDITIONS.

DUAL OUTPUT 12/14 OR 24/28 VDC @ 6 AMPS. SIZE 7x6x13; WT: 17 STK#PS-12/24VDC6A

KIT OF PARTS... \$20.00 WIRED COMPLETE... \$24.95

OUTPUT 12/14 VOLTS DC @ 6 AMPS. SIZE: 5 1/2 x 9 1/2 x 5; WT: 20 LBS. STK#PS-12VDC6A

KIT OF PARTS... \$14.00 WIRED COMPLETE... \$18.95



OUTPUT 24/28 VOLTS DC @ 4 AMPS SIZE: 5 1/2 x 9 1/2 x 5; WT: 12 LBS. STK#PS-24VDC4A

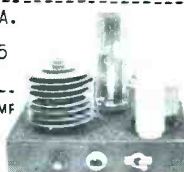
COMPLETE WIRED... \$17.95 KIT OF PARTS... \$13.00

OUTPUT 12/14 VOLTS DC @ 4 AMPS. SIZE: 5 1/2 x 9 1/2 x 5; WT: STK#PS-12VDC4A

COMPLETE WIRED... \$14.95 KIT OF PARTS... \$10.00

OUTPUT 24/28 VOLTS DC @ 1 1/2 A. SIZE: 7x6x5; WT: 6 LBS. #PS-24VDC1.5A WIRED... \$10.95 KIT OF PARTS \$8.00

OUTPUT 12/14 VOLTS DC @ 2 AMP SIZE: 7x6x5 WT: 7 LBS. #PS-12VDC2A WIRED... \$9.95 KIT OF PARTS... \$7.00



MOBILE SUPPLY

AVA-125 VIBRATOR POWER SUPPLY; OUTPUT 300 VDC 100 MA. OPERATES FROM 6, 12 OR 24 VOLTS D.C. WHEN THE PROPER VIBRATOR IS USED, OCTAL BASE. SUPPLIED WITH 6 VOLT VIBRATOR (USED WITH AVT-112 AIRCRAFT TRANS) ILLUST. COVER REMOVED. UNUSED SIZE: 7 1/2 x 7 1/2 x 7 1/2; WT: 12 LBS. \$4.95

RA-42 POWER SUPPLY RACK MOUNTING 19", 115/230 V 60 CYC OPERATION, OUTPUT 200-250 VDC 100 MA HOUSED IN CABINET 7x8x6 WT. 30 LBS.

RA-42 B RENEW \$11.95

VOLTAGE REGULATED POWER SUPPLY AS USED TS-67 TEST SET, OPERATES FROM 115 V. 60 CYCLE, OUTPUT 150 VDC & 20 MA & -30 VDC @ 40 MA. AND 6.3 VAC @ 5 AMP. (TRANSFORMER RATING IS 700 VOLT C.T @ 100 MA. P.S. CAN BE RE-WIRED FOR HIGHER OUTPUT) WITH TUBES 1/5Y3, 1/6X5, 2/VR-150, 2/6G6 SIZE: 12x7x7; 26 LBS. USED \$8.95 CONNECTOR PLUGS, 2 REQ. \$1.00 EA.

RA-74D POWER SUPPLY FOR RECEIVERS BC-779, 794, 1004, R-270 & R-129U. INPUT 95/105/117/130/190/210/234/260 VAC 25-60 CYC. OUTPUT 380 VDC @ 50 MA. 250 VDC @ 100 MA 100 VDC 4.5 MA -50 VDC 11 MA & 6.3 VAC 7 AMP. WITH TUBES 1/5Y3GT & 1/5U4G. RACK PANEL MTG. SIZE: 19x10 1/2 x 10; WT: 100 LBS PRICE: RE-NEW \$24.95

PE-110D POWER SUPPLY FOR BC 669 TRANSMITTER-RECEIVER. INPUT 115 VOLT 60 CYC OUTPUT 520 VDC @ 420 MA. 275 VDC VDC @ 64 MA. AND 13.6 VAC @ 4.6 AMP. WITH 4 TUBES 5Z3, RESET CIRCUIT BREAKERS A.C. OUTLETS AND POWER OUTPUT PLUG. AN OPTIONAL ITEM IS THE 12 VDC POWER PACK VIBRATOR TYPE WITH A OUTPUT OF 275 VDC @ 64 MA. THAT WAS USED FOR RECEIVER STANDBY AND PLUGS IN ON THE CHASSIS. SIZE: 20 1/2 x 9 1/2 x 12; WT: 100 LBS. UNUSED PE-110D POWER SUPPLY LESS 12V PACK \$29.95 12V PACK 4.95

PE-110B POWER SUPPLY SAME AS ABOVE ONLY DOES NOT HAVE CIRCUIT BREAKERS, HAS FUSED CIRCUITS. SIZE: 14x9x12; WT: 75 LBS. USED PE-110B P.S. LESS 12 V. POWER PACK... \$19.75 CD-515 CABLE FOR PE-110 \$5.95

RECTIFIER 12 VDC

RECTIFIER POWER UNIT 12 VDC 20 AMP CONTINUOUS DUTY OUTPUT, INPUT 115/440 VOLT 60 CYCLE, 3 1/2" METERE 0-15 D.C VOLTS, 0-30 DC AMPS. COARSE & FINE CONTROLS, SELINUM RECTIFIERS BRACKETS FOR WALL MTG. SIZE: 12 1/2 x 17 1/2; WT: 70 LBS. NEW NAVY#6130-542-6140; Mod. #S20-GS12VN \$45.00



POWER SUPPLY FOR TRANSISTORS. INPUT 115 VOLT 60 CYCLE OUTPUT 0-100 VDC @ 0-100 MA. WITH TUBES 2/6L6, 12AX7, 6AU6, 5U4, 0A2 & 0G3. FOR RACK PANEL MTG. 19 1/2 x 3 1/2 x 7 1/2; WT: 16 LBS. #PS-968 USED \$29.95

PP-142 POWER SUPPLY VOLTAGE REGULATED 300 VDC 250 MA. ALSO 6.3 @ 3.75, 6.6 @ 9 A. WITH TUBES 3/6Y6G, 2/5U4G, 1/6AC7 & VR-150 ADJUSTMENT FOR B FUSED LINES, INDICATOR AND EXT. JACKS FOR OUTPUT ON FRONT PANEL. SIZE: 9 1/2 x 16 1/2 x 12 1/2; WT: 85 LBS. USED \$22.50



TS-147 REGULATED POWER SUPPLY IN CASE WITH FRONT PANEL AND SOME PARTS. POWER SUPPLY 115 V. 60 CYC. OUTPUT 300 V. 36 MA, 6.3 @ 1 1/2 A 6.3 @ 1.7A WITH TUBES 5R4 6Y6, 6SH7 AND 2/0B2. CASE SIZE: 18 1/2 x 12 x 11; WT: 35 LBS. PRICE: WITH TUBES AND 2 1/2" MILLIWATT METER \$15 NO METER \$11.95

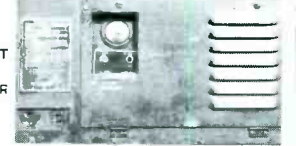


VIBRATOR PACK

PP-68 VIBRATOR PACK CONVERTS 6 OR 12 VOLTS DC TO 115V 15 WATT OR 50 WATT TO RUN SMALL APPLIANCES. IDEAL FOR USE ON CAMPING TRIPS. INPUT: 6 OR 12 VDC OUTPUT: 115 V 60CYC 15 OR 50 WATTS. WT: 22 LBS USED \$9.95



RA-43-B RECTIFIER TUBE TYPE OUTPUT 115V 525W DC; INPUT 95-125V, 50-60CYC AC. PROVIDES POWER FOR 1 TO 3 SWITCHBOARDS. REQUIRES 2/6F6 INCL AND TWO 6CJ, NOT INCL. WT. 165 LBS. SIZE: 22x17 1/2 x 10 PRICE: \$24.95 USED



PE-204 VIBRATOR POWER SUPPLY OPERATES FROM 12 VDC OUTPUT VOLTAGES 2/4.3 VDC @ 50 MA. 2/45 VDC @ 1/2 AMP. 2/85 VDC 5 MA. SIZE: 7x5x5 1/2; WT: 12 LBS PRICE: UNUSED \$3.95



SCOPE POWER SUPPLY 110 VOLT 380-420 CYCLE INPUT, OUTPUT APPROX. 1800 VOLTS 1.5 MA. WITH TRANSFORMER, 2/CONDENSER .1 4000 VDC, 1/122 TUBE, TERMINAL STRIP RESISTORS ETC. SIZE: 6x7x5; WT: 5 LBS. GE Assy#7608055 \$2.95

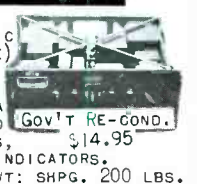


PP-411/APS-10 POWER SUPPLY AS USED IN THE APS-10 RADAR SET. OPERATES FROM 115 VOLTS 400 CYC & 24 VDC FOR FILAMENTS, SUPPLIES 4000 VDC 105 VDC & 300 VDC. WITH TUBES 6X5 VR-105, 5R4, 6Y6, 6SH7, 2X2. SHOCK-MOUNTED CHASSIS, SIZE: 9x11x13; WT: 21 LBS PRICE: USED \$4.95 NEW \$6.95



MULTI OUTPUT SUPPLY

RA-105 POWER SUPPLY; INPUT 115 VOLT 60 CYCLE, OUTPUT D.C VOLTAGES 2400 VDC (FOR SCOPE) 544, 415, 295, MINUS VOLTAGES 1480, 290, 110, FILAMENT VOLT. 6.45 @ 12 AMP. AND 6.45 @ 10 A WITH TUBES 3/5I4G, 3/2X2 AND 1/6X5GT ALSO HAS FUSED LINES, CIRCUIT BREAKERS AND LIGHT INDICATORS. SIZE: RACK MTG. 24"x24x10; WT: SHPG. 200 LBS. GOVT RE-COND. \$14.95



RELAY

RELAY 24 vdc SPUT
1 1/2 x 1 1/2 x 1 1/2
#CWS 571981 \$.35

TELEPHONE TYPE

RELAY 4PST NORMALLY OFF 12
VDC GR204-BC-966A 1 1/2 x 1 1/2 x 3/4
3380-557180-7435 \$1.00

RELAY 12 VDC MAKE 2, BREAK 1
2 SEPARATE WINDINGS. 3 1/2 x 1 1/2 x 1 1/2
4C8691-128 \$.75

RELAY 12 VDC 2 BREAK, 2 MAK
3 1/2 x 1 1/2 x 1 1/2 #C8691-67 \$1.00

RELAY 200 VDC 135 MA, ONE
COIL 1100 OHM, OTHER 1200
OHM, CONTACTS 2PDT, 6PST-NO
1PST-NC #5945-259-4275 \$1.

RELAY 150 VDC 150 MA. 1000
OHM COIL, CONTACTS 6PDT &
4PST-NO POTTER & BRUMFIELD
82-92-1005 BS-2202 \$1.00

RELAY CONT ARRANGEMENT 2E/ E
IC. 115 VAC 60 CYC FAST ACT
BREAK 7: MAKE 4. 4x2x1 1/2
#27593-41 \$1.50

ROTARY RELAY
18-32 VDC, TWO
WINDINGS, ONE 7.1
-8 OHMS, OTHER
260-275, 2 WAFER
TOP 6 POS. BOTTOM
7 POS. SIZE 2 1/2 x 1 1/2
1 1/2 x 1 1/2; WT: 4 OZ. OAK #75-2
22K7705-19 \$1.00

ROTARY RELAY SAME AS ABOVE
2 WAFER, 12/14 VDC, CONTACT
3 BREAK, 1 MAKE/BREAK AND 3
MAKE. OAK 5325 S-104/BC604
206494A/R4 RE-MOVE \$1.25

RELAY 12 VDC, 67 OHMS DPDT
NORMALLY OPEN. REMOVED FROM
EQUIPMENT. 2x3 1/2 x 1 1/2
SW-182-F \$.50

RELAY 6V D.C. 1 1/2 x 1 1/2 x 1 1/2
41F 500S-SIL \$.50

PLATE RELAY 10,000 OHMS.
CONTACTS 115 VAC @ 5 AMPS
1 1/2 x 1 1/2 x 1 1/2 #P3P-3189 \$1.50

SEALED RELAY TWO COILS
EACH WITH DPDT. COILS
NOT OPERATE SIMULTAN-
EOUSLY. ONE COIL IS
CONTROLLED BY THE CON-
TACTS OF THE OTHER. OPERATE
FROM 12 VDC. 2 1/2 x 2 1/2 x 1 1/2
57175 \$1.00

INTERVAL TIMER ASSEMBLY
RELAY TIME DELAY
5 MIN. RESET
DELAY 100 SEC.
MOTOR VOLTAGE
120V 400 CPS
CLUTCH VOLTAGE 28 VDC.
ALLIED CONTROL UNIT: 115V
400 CPS, CONT. 2A-29VDC
AND 24V 4PDT RELAY. 5LBS.
#SS 19180 \$2.95

CRAMER
TIME DELAY RELAY
METER INDICATOR
TYPE, SHOWS IF
UNIT IS ON OR OFF.
SIZE 3x3x3

#59K48746 2 SEC. \$4.95
#59K48748 20 " 4.95
#59K48747 2 MIN. 4.95
#59K48605 SAME AS ABOVE
ONLY 3 1/2" RD. 3 MIN. \$4.95

SILICON RECTIFIER

POWER TESTED AT
1 MA MAX. LEAKAGE

1 AMP. (TOP HAT)		
50-200 PIV \$.10
200-400 "		.15
400-600 "		.25
600-800 "		.35
800- "		.45
1000 "		.55

5 AMP. (STUD)		
200-400 PIV		.50
400-600 "		.60
700 "		.70
800 "		.85
1000 "		1.75

IN1347 6 AMP. 500
PVI (GOLD) 1.50

35 AMP. (STUD)		
50 V		\$.75
100 V		1.00
200 V		1.50
300 V		2.00
400 V		2.25
500 V		2.50
600 V		3.00
900 V		4.00

STRATOPACK FOUR
SECTION RELAY
SECT. #1 4PDT
" 2 4PDT
" 3 4PDT
" 4 6PDT
24 VOLT D.C.
3 1/2 x 4 1/2 x 7; 5 1/2 LB \$1.95

RHEOSTAT

OTHER VALUES
IN STOCK
WRITE FOR
YOUR NEEDS

STK #	WATTS	OHMS	PRICE
1050-PL	25		.25 \$.50
30993*	25	50	.50
750KK	25	75	.50
13990"	25	100	.50
201KK	25	200	.50
299DC*	25	200	.50
25250	25	250	.50
50553-1*	25	250	.50
13690-129"	25	1000	.50
152KK*	25	1500	.50
642-4609	25	5	.50
41132	50	7.5	.75
353-5049	50	8	.75
13822	50	17	.75
5395	50	20 (DUAL)	1.00
656-1731	50	34	.75
075-365-9	50	50	.85
32229	50	60	.75
531-0066	50	100	.75
W/MICRO. SW-NC-NO)			1.00
8852-120	50	600	.75
193-3450	50	2500	.75
201FK150	100	15	1.50
316-0796	100	360	1.50
2R0KK	100	2	1.50
3R0KK	100	3	1.50
6416	100	6	1.50
695692-1	100	10	1.50
120KK	100	12	1.50
2459U	100	1100	1.50
549-5683	150	750	2.95
1025	150		.25
1050	150		.50
697242-3	150	25	2.95
154	150	25	2.95
665-6938	150	3	2.95
563501	150	125	2.95
351KK	150	350	2.95
235944	150	400	2.95

METAL STAND
W/RUBBER FEET
BASE 8x1 1/2 x 13
LEGS 13x13x16
2 1/2" HIGH.
ORIGINALLY USED
AS RECORD HOLDER STAND, CAN
BE USED AS BOOK, FLOWER, TV,
RADIO OR WHATEVER YOU CAN
USE IT FOR. WT: 4LB. 75¢

SWIVEL BASE AS
USED ON THE BOTTO-
M OF TV SETS, 5"
SQUARE, HAS 1/2 TURN
STOP THAT CAN BE
REMOVED FOR 360 DEG. ROTAT-
ION. 2LBS. 75¢

PLEASE LIST SECOND CHOICE
* RHEOSTAT IN DUST-PROOF CAN
** SCREW DRIVER ADJUSTMENT.

CRYSTALS

100 KC CRYSTAL FOR
APN-9 LORAN SET.
CR-15/U HOLDER OP
EQUIVALENT, 3 PROMO
1/2 x 1.
PRICE: \$4.95

VARIOUS CRYSTALS IN STOCK
FOR TCS REC OR TRANS. SPEC
IFY FREQ. \$1.50 EACH.

1000 KC CRYSTAL FOR BC-221
OCTAL BASE \$5.95

465 KC CRYSTAL, RESONATOR
TYPE FILTER AS USED IN BC-
794, BC-1004 ETC. \$1.50

200 KC CRYSTAL IN OCTAL
TYPE TUBE HOLDER \$3.50

CRYSTALS: FT-241-243 21-39
Mc. F/BC-604-684-620-659
NO CHOICE FREQ. 5 FOR \$1.00

IN-21A CRYSTAL DIODE
\$.25 EACH 5 FOR \$1.00

CRYSTAL OVEN 110 V.
60-1000 CYC. FOR
HC-6/U, CR-26/U ETC
CRYSTALS, WELL FILT-
ERED, OCTAL BASE
MOUNTING WITH 254.
72 CRYSTAL.
1 1/2 x 4 1/2; WT: 1 OZ.
#HUG 945550-1 \$1.95

CRYSTAL OVEN 6.3V
FOR TEN HC-6/U,
CR-26/U ETC. HOLD.
MOUNTED ON PRINTED
CIR. BOARD W/10NCP
CAP. 3-12MMF.
SIZE 2 1/2 x 3; 4 OZ. \$1.00

CRYSTAL OVEN 6.3V
FOR TEN HC-6/U,
CR-26/U ETC. HOLD.
MOUNTED ON PRINTED
CIR. BOARD W/10NCP
CAP. 3-12MMF.
SIZE 2 1/2 x 3; 4 OZ. \$1.00

CIRCUIT BREAKER

115 VOLT 60 CYC
3H900-1.5 1 AMP \$1.50
3H900-1.25 1 1/2 " 1.00
62349M6 3 POLE 1 1/2 " 2.50
3H900-3-2 3 " 1.00
3H900-4.7 4.7 " .50
P-0111 12 " 1.50

24-30 VOLTS
3H913-5 5 AMPS \$.50
9751K4 10 " .50
AN1513F35* 35 " .75
AN 3160-50L* 50 " .75

* LUMINOUS TIP
AIRCRAFT TYPE CIRCUIT BREAKER
5 AMP AN 3161-P5 \$.50
10 " AN 3161-P10 .75
15 " AN 3161-P15 .75

SWIVEL BASE AS
USED ON THE BOTTO-
M OF TV SETS, 5"
SQUARE, HAS 1/2 TURN
STOP THAT CAN BE
REMOVED FOR 360 DEG. ROTAT-
ION. 2LBS. 75¢

POTENTIOMETER
PRECISION TYPE,
WIRE WOUND, 2SEC.
10,000 OHMS EACH
6W. 3 SOLDER LUGS
EA. SEC. SIZE 3x5 1/2
WT: 1LB. STK #227284-29 \$.75

APPROACH LIGHT
GRIMES #NAF1024-2
24 V, SPLIT GREEN &
AMBER LENS & CLEAR
3x3x4 1/2; 1 LB. \$.75

TERMINAL
BOARD
PART OF
BD-96
SWITCH-
BOARD. 10 HEAVY DUTY BLACK
BINDING POSTS, SCREW TYPE &
90 SLOTTED HEAD BRASS BIND-
ING POSTS ON BOARD 19 1/2 x 5 1/2 x 1 1/2
WT. 8 LBS. \$1.95

TERMINAL
BOARD
P/O BD-71
SWITCHBOARD. 15 BRASS SCREW
TYPE BINDING POSTS ON INSUL-
ATING BOARD 3 1/2 x 16 3 LBS.
\$1.50

AUTOMOTIVE MOTORAIDE METERS

CIRCUIT
0-1 M.A. MOVE.
0-10 V. SCALE
0-7.5 A. " "
0-1K OHM " "
SIZE 3 1/2 x 5 1/2
\$3.95

REGULATOR
0-1 M.A. MOVE.
0-60 DCA SCALE
0-10 DCV " "
0-20 DCV " "
SIZE 3 1/2 x 5 1/2
\$3.95

DWELL TACHOMETER VOLT METER
0-1 M.A. MOVE.
0-50 DEG DWELL
0-5000 R.P.M.
0-15 D.C.V
SIZE: 3 1/2 x 5 1/2
\$5.95

THIS WILL NOT BE THE ORIGINAL
SCALE AS SUPPLIED BY THE
MANUFACTURER BUT A MODIFIED
UNIT FROM THE OTHER TYPES.
METER SCALE FACE WITH
INSTRUCTIONS FOR CHANGING
CIRCUIT OR REGULATOR TYPE
METERS TO DWELL TACH METER
PRICE: \$1.00

THESE ARE FOUNDATION METERS
ONLY AND REQUIRE ADDITIONAL
PARTS TO BE USED TO CHECK
GASOLINE ENGINE CIRCUITRY.

MOTORAIDE METER
CASES, EMPTY, FOR
MOUNTING METERS
SHOWN
PRE-CUT HOLE AS
USED IN ORIGINAL
TEST EQUIPMENT.
5 1/2 x 3 1/2; WT: 2LB. \$1.50

POTENTIOMETER 100
WATT, 100,00 OHM
IN 20 STEPS 5000
OHM EACH WITH HEAVY
DUTY CONTACTS & INSULATED
TERMINALS
\$1.25 7 SHAFT. DAVEN#1373
SIZE: 5 1/2 x 3 1/2, SHAFT 1-3/8 x
3/8. WT: 1 1/2 LB. STK #227281-3

AUDIO OSCILLA-
TOR BOX ASSY.
/24 12 MMFD.
CERAMIC TRIMM.
21 TEMP. COMP.
CAP. & RESISTO
WHEN USED WITH
2/6SJ7 TUBES &
ASSOC. PARTS IT WILL PRODUCE
FREQ. 425-2295 CYCLES IN 12
STEPS OF 170 CYC. EA.
5 1/2 x 5 1/2; WT: 5LB. #R26 \$4.95

SINGLE BAND
BEAM BALUN
INPUT 75 OHM-
BALANCED. OUT-
PUT 100 OHM BAL-
ANCED. UNIT
FOR 10 METERS ONLY. WEATHER
PROOF. 3 1/2 x 3 1/2 x 4 WT. 5 LBS.
PRICE NEW \$1.25

ANTENNA SWITCHING
UNIT SA-649/USD
CONTINUOUS SWITCH-
ING OF TWO AN-
TENNAS TO A REC-
EIVER AT 600 CPS
USED TO REDUCE
FADING OF SIGNAL
UNIT REQUIRES 26.5VDC. TUBES
INCLUDED 2/6BC4; 2/1G-6111
SIZE: 3 1/2 x 3 1/2 x 5 1/2 WT. 2LBS.
PRICE: \$3.95

ANTENNA RELAY
UNIT RE-2/ARC-5
WITH 2 1/2" ANTENNA
CURRENT INDICATOR
0-10. ALSO ANTENNA
SWITCHING RELAY AND
30 MAF VACUUM CAPACITOR
5 AMPS. 5 LBS. 3 1/2 x 4 x 6
PRICE RECOND. WITH CAP \$4.95

SELENOID
SHORTING
RELAY 40VDC
HEAVY DUTY
INSULATOR
2 1/2 x 3 1/2, STEEL
SHORTING BAR
4 1/2", 1 1/2" DRAW AT END, 3 1/2"
AT SEL. SIZE 9 3/4 x 3 1/2 x 7 1/2; 10LB
#5945-201-7829 \$3.95

ARC-12 ANTENNA
CHANGEOVER RELAY
BNC CONNECTORS FOR
EQUIP. UG-23-UG-21
F/ANT. REGULAP & AUX
ANT. CONN. 24 VDC RE-
LAY. W/BNC CABLES.
\$2.75
UG-21 ANTENNA CONN. \$.75

WAVEGUIDE SWITCH
AIRTRON #70960, 24-
29.5 VOLT DC, INSULATED
WAVEGUIDE 7/8 x 3/8,
1-5/8 FLG. 24 INPUT
1 OUTPUT.
5 1/2 x 5 1/2; 5LB. \$9.95

BC-198 ANTENNA 12V
SWITCHING RELAY
FOR RECEIVER TO
TRANS. PUSH BIND-
ING POSTS, PL-77
PLUG. 5 1/2 x 1 1/2; 1LB. U. \$1.95

ANTENNA CHARGE-
OVER S.P.D.T FOR
COAXIAL CABLE
28 VDC ROTARY
ACTUARY WAFER,
ER, LOW-LOSS
HIGH-POWER.
GENERAL COMM
#2LN180RC-1
NEW \$3.95

SIZE: 4 1/2 x 3 1/2; WT: 1LB.
TYPE "LN" CONN. CUT-OFFS 50¢
AN CONN. 7 CONTACT \$1.00

COAXIAL SWITCH S.P.D.T.
FOR COAXIAL CABLE
28 VDC ROTARY
ACTUARY WAFER.
USES TYPE "N"
CONNECTOR.
SA-185/11
\$3.95

TYPE "N" CONNECTOR CUT-
OFF \$.50
CONNECTOR 3 CONTACT \$1.00

FIRE DETECTOR PHOTOELECTRIC
RESISTANCE TYPE 1.5 MEG. MAX
DECREASES WITH INTENSITY OF
LIGHT. #6340-551-6213 SIZE
1 1/2 x 3
\$2.95

ART-13 TRANSMITTER

100 WATT AIRCRAFT AUTOTUNE TRANSMITTER

MAKES A VERY SATISFACTORY AMATEUR UNIT FOR 80, 40, 20 AND 10 METERS. THE AUTOTUNE FEATURE PERMITS YOU TO PRESET THE FREQUENCY DESIRED ON ANY 10 PRESELECTED CHANNELS. (FOR CONVERSION INSTRUCTIONS SEE MANUALS #2 & #3 \$3.00 EA. TUBE LINEUP 1/837, 1/813, 2/1625, 1/12S7, 2/6V6, 2/811, 2/12SL7, 1/12SA7. VOLTAGE REQUIRED 28VDC 10AMP, 400VDC, 225MA & 1250VDC 250MA. SIZE: 23x16x11 1/2 WT. 70 LBS

PRICE: USED \$49.50
CONNECTOR PLUGS FOR TRANS. U/7 & U/8 \$2.50 EA. DYNAMOTOR FOR ART-13 WITH FILTERS & RELAYS 28VDC INPUT. PRICE: USED \$12.95

NEW
CONNECTOR PLUGS FOR DYNAMOTOR U-9 OR U-10 EACH \$2.50

CU-24/ART-13 ANTENNA SHUNT CAPACITOR CONSISTS OF 3 CAPACITORS 25MHF 10KV PRICE USED \$1.00

0-17/ART-13 LOW FREQUENCY OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 TUBE. ALL OPERATING VOLTAGES ARE OBTAINED FROM THE TRANS. POWER SUPPLY. SIZE 5 1/2 x 5 1/2 x 9; WT. 4 LBS. REQ. REPAIR "AS-IS" w/TUBES \$4.00

SA-22/ART-13 ANTENNA SWITCHING UNIT CONTAINS A BENDIX VACUUM RELAY LM-26G, 24VDC, 2 POSITION CERAMIC SWITCH & 4 LARGE INSULATORS SAME AS USED ON TRANSMITTER, ALSO SO-239 COAX. CONNECTOR. SIZE: 11x7x7 WT 10 LBS

PRICE: NEW \$4.95

VARIOMETER COIL FOR ART-13 L-112, ROTOR & STATOR COILS WITH GEARED COUPLING. 4 1/2 x 5 x 3; 2LB. USED \$1.95

RELAY, OUTPUT CIRCUIT SELECTING, 24 VDC #K105 6x2x3; 2 LB. USED \$2.95

ART-13 AUDIO SPEECH AMPLIFIER CONTAINS TWO 6V6GT & ONE 12SJ7 TUBES, CAN BE USED FOR CARBON OR DYNAMIC MIC. SIZE: 7x4x3 1/2, WT: 4 LBS, USED STK #2C254 PRICE \$5.95

ART-13 CFI CALIBRATION FREQUENCY INDICATOR & MCW OSCILLATOR ASSY. USED TO PROVIDE A CONSTANT CRYSTAL CONTROLLED STANDARD OF 200 KC. IN ORDER THAT FREQ. CAN BE CHECKED ALSO 1000 CYCLE TONE. WITH 200KC. CRYSTAL & 2 TUBES SIZE 6x5x3 WT. 3 LBS STK. #8Q1 PRICE USED \$6.95

HYDROPHONE

HYDROPHONE TRANSDUCER MICROPHONE
ROCHELLE SALT TYPE USED TO PICK UP UNDERWATER SOUNDS IN THE FREQUENCY RANGE OF 1 TO 20,000 CYCLES. AVERAGE IMPEDANCE 25 OHMS UP TO 400 FT. WITH TRANSFORMER HOUSED IN RUBBER WATERPROOF JACKET FILLED WITH OIL & 9 FT. RUBBER CONNECTING CABLE. SIZE: 5 1/2 x 3 1/2; WT: 2 1/2 LBS. (NOT MAILABLE) SONAR # NT-51038F PRICE: NEW \$14.95

SN-17/AP-10 SYNCHRONIZER, \$9.95 TRANSMITTER & RECEIVER ALSO SWEEP AND CONTROL CIRCUITS FOR THE INDICATOR. GENERATES CONTROL FOR THE PULSE RECURRENCE RATES OF 410 TO 820 CPS AND RANGE MARKS OF 0-4-25 MILES. SIZE 8x6x13; WT: 30 LBS.

TEST SET

TS-3A/AP RADAR FREQUENCY METER 2400 TO 3400 MC USING A TUNEABLE CAVITY ALSO HAS 3" METER FOR TESTING POWER OUTPUT, 0-2 MA. MOVEMENT 0-20 SCALE. USED WITH SCR-717/720 RADAR SET. WITH CABLES, TEST LAMP, COMPUTER RULE ETC. SIZE: 8 1/2 x 8 1/2 x 8 1/2; WT: 25 LBS. PRICE: UNUSED \$9.95

AIRPORT MARKER BEACON 75MC TRANSMITTER RECEIVER

CDE-52326 NAVY MODEL MARKER BEACON TRANSMITTER PORTABLE UNIT THAT OPERATES FROM 115 VOLTS 60CYC WHICH TRANSMITS A KEYED OR A CONTINUOUSLY MODULATED SIGNAL VERTICALLY IN A BALLON-SHAPED PATTERN ON 75MC. USED AT AIRPORT LANDING FIELDS RUNWAYS IN CONJUNCTION WITH MARKER BEACON RECEIVERS THAT ARE INSTALLED IN THE PLANE THUS ENABLING THE PILOT TO KNOW WHEN HE IS OVER THE RUNWAY. (IN CONJUNCTION WITH HIS OTHER INSTRUMENTS.) WATTAGE OUTPUT (1) ONE WATT MASTER OSCILLATOR & MODULATED CW 400CPS, 1300CPS 3000CPS TUBE LINEUP 4/6V6, 2/6SN7, 1/6SR7, 1/6S, 2/VR150, 30 & 1/5Y3. COMPLETE WITH TUBES & DIPOLE ANTENNA & OPERATING MANUAL. SIZE: 17 1/2 x 10 x 11 WT 35 LBS PRICE UNUSED \$29.95

BC-1333 MARKER BEACON RECEIVER 75MC. USED TO RECEIVE SIGNALS FROM ABOVE TRANSMITTER. WHEN SIGNAL IS RECEIVED IT OPERATES A RELAY IN THE RECEIVER WHICH IN TURN CAN BE USED TO OPERATE SIGNALS, LIGHTS, MOTORS, TURN ON EQUIPMENT ETC. VOLTAGE REQUIRED 24VDC. COMPLETE WITH TUBES 1/12SN7, 1/6SH7, 1/6SL7 SIZE: 3x5 1/2 x 5 1/2 WT. 3 LBS. PRICE: USED \$2.95

C-1 CONTROL BALLISTICS BOX; FOR BOMBING NAVIGATIONAL COMPUTER PT#654573; HAS 4 DIALS WITH CONTROLS CONNECTED BY GEARS TO AUTOSYN RESOLVERS SPERRY #6624-28 SIZE 1 1/2 x 1 1/2 5 EA. #662426 1 1/2 x 1 1/2 2 EA. #5663478 3x2 1/2 2 EACH. ROTARY BANK SWITCH 4 DECK 10 POS. SIZE 9x12x8; WT: 20 LBS. \$7.95

AMMUNITION FIRE CONTROL POWER DISTRIBUTION PANEL 171E608G1 & 519E14731; TWO DIALS THREE GEAR CONTROL, 2 THREE DIGIT COUNTERS WITH MANUAL RESET AND HOLD 24 V OPERATION, 7 SWITCHES, TERMINAL STRIPS ETC. SIZE: 11x11x5; WT: 15 LBS. PRICE: USED \$4.95

OSCILLATOR

R.F. OSCILLATOR. PART OF GKA-1 EQUIPMENT. CONTAINS SEVERAL TYPES OF BAND PASS FILTERS, VARIABLE CONDENSER, TUBE SOCKETS TEST JACKS, RESISTORS 1%, CAPACITORS, 2/UG-88 BCN COAX. CONNECTORS, PILOT LIGHT, SWITCH, POTS ETC. OSCILLATOR FREQ. APPROX. 24 KC. SIZE: 12x12x4 1/2; WT: 13 LBS. USED \$1.95

SCOPE MONITOR CONVERTER
CONVERTER-MONITOR PANEL ASSEMBLY CV-399/GPA23 PART OF COMPUTER SYSTEM. CONTAINS A GOOD 3" SCOPE FOUNDATION ASSY. USING 3CP1A C.R TUBE MOUNTED ON A PANEL 10" X 12". SCOPE PANEL HAS 0-100 VERNIER DIAL 1 1/2" PLUS CENT, FOCUS CONT. SWITCHES ETC. THE MASTER PANEL HAS 10 SEPARATE SUB-PANELS WITH LOADS OF CONDENSERS, RESISTORS TERMINAL STRIPS ALSO AUTOSYN, CONNECTORS, CONTROLS, TRANSFORMERS AND LOTS MORE. \$9.95 SIZE: 25 1/2 x 25 1/2 x 14; WT: 5 1/2 LBS. USED \$9.95

MILLIVOLTMETER
MILLIVAC D.C. MILLIVOLTMETER TYPE RM-17 MEASURES FROM 1 MV TO 1000 V IN 13 STEPS ON 4 1/2" SQUARE METER. RACK PANEL MOUNTING 19 1/2 x 7" OPERATES FROM 115 VOLT 60 CYCLE. WT: 18 LBS. PRICE: USED \$85.00

GP-7 TRANSMITTER

GP-7 NAVY AIRCRAFT TRANSMITTER 1500-4525 KC & 6200-9050 KC BY USE OF THREE (3) PLUG IN TUNING UNITS SUPPLIED WITH THE TRANSMITTER. AM OPERATION, VOICE/PHONE 30-50 WATTS, CW & MCW 85-125 WATTS DEPENDING ON THE TYPE OF INSTALLATION. WITH TUBES 2/1616, 1/803, 1/801, 1/843 & 1/5Z3, ANTENNA LOADING COIL, PILOTS & OPERATORS CONTROL BOX, THREE ARE TWO 2 1/2" METERS FOR MEASURING THE VARIOUS VOLTAGES AND R.F. OUTPUT. VOLTAGE REQUIRED 115 VOLT 800 CYCLE & 24 VOLTS D.C. THE SET IS CONSTRUCTED OF ALUMINUM AND THERE ARE TWO CASES SUPPLIED FOR THE TUNING UNITS NOT IN USE. SIZE: 23x11x13; WT: 80 LBS. UNUSED \$25.00 TUNING UNIT 4520-6250 OR 800-1500 \$7.95 EACH

RM-52 REMOTE CONTROL UNIT (MACY'S PHONE PATCH) USED FOR RE-CONTROL OF RADIO SET, OPERATES FROM 4 FLASHLIGHT BATTERIES. HAS MULTI-TAP TRANSFORMER, MIC, PHONE HIGH/LOW IMPEDANCE & JACKS. BASIC UNIT FOR MAKING MACY'S PATCH. SIZE: 7 1/2 x 3 1/2 x 5 1/2; WT: 5 LBS. PRICE: USED \$1.95

RM-53 REMOTE CONTROL UNIT BASICALLY THE SAME AS RM-52 ONLY IT HAS A 3 POSITION SWITCH AND CORDS WITH PL-55 AND PL-68 PLUGS. SIZE: 8 1/2 x 4 1/2 x 4 1/2; 6 LBS PRICE: USED \$2.95

W.U. INTRAFAX

TRANSMITTER SCANS THE DATA THAT IS FED INTO THE MACHINE WITH A LIGHT SOURCE AND PHOTO ELECTRIC CELL WHICH IS AMPLIFIED AND SENT BY WIRE TO THE RECORDER WHICH THEN REPRODUCES THE DATA ON SENSITIZED PAPER 1 1/2" WIDE. THE TRANSMITTER USES TUBES 1/1X2, 1/6C4, 1/6AQ5, 1/931A (PHOTOELECTRIC), LIGHT SOURCE, SYNCHRONIZING MOTORS, GEARS ETC. THE RECORDER DOES NOT HAVE ANY TUBES BUT HAS THE SCANNING MECHANISM, MOTORS, RELAYS ETC. EQUIPMENT OPERATES FROM 115 VOLT 60 CYCLE BUT DOES NOT HAVE THE POWER SUPPLY REQUIRED FOR THE TUBES, PHOTO-ELECTRIC, LIGHT SOURCE AND SCANNING CIRCUITS. TRANSMITTER SIZE 18x18x7; WT: 40 LBS. #7762A RECORDER SIZE 18x12x7; WT: 33 " #7771A PRICES: BOTH UNITS FOR \$29.95 NEW

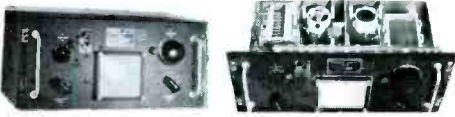
GIBSON GIRL TRANS.

EC-778 TRANSMITTER, EMERGENCY TYPE FOR USE ON THE DISTRESS FREQUENCY OF 500 KC. UNIT IS POWERED BY A HAND CRANK GENERATOR THAT SENDS AUTOMATICLY S.O.S SIGNAL, CAN ALSO BE KEYED MANUALLY, WITH 1000 CYCLE TONE MODULATION. WITH 2/12A6 TUBES AND ANTENNA WIRE REEL. (NO KITES, BALLOONS OR PARACHUTES AVAILABLE. SIZE 10x10x8; WT: 20 LBS. PRICE: TRANSMITTER ONLY USED \$29.95 PRICE: TRANSMITTER WITH PARACHUTE NEW \$39.95 1-74/CH-3 TRANSMITTER, SAME AS ABOVE ONLY HAS DUAL CHANNEL 500 KC AND 8364 KC. MANUAL KEYING ON 500 KC. ONLY. USED \$39.50

TELEVISION TELEMETER

TELEMETER PAY TELEVISION PROGRAM SELECTOR. CHOICE OF 3 PROGRAMS THAT TONE OPERATED IN THE VHF BAND WITH PROVISIONS FOR DEPOSITING THE AMOUNT OF MONEY REQUIRED FOR EACH PROGRAM AND INDICATED ON THE COIN REGISTER THAT ALSO SHOWS A CREDIT BALANCE WHEN A OVER PAYMENT IS MADE. A PRE-RECORDED TAPE WILL GIVE PROGRAM INFORMATION WHEN DESIRED. WITH TUBES 1/12BH7, 1/6BE6, 1/6BA8, 2/6U8, 4" SPEAKER, COIN MECHANISM, TAPE MAGAZINE ETC. SIZE: 15x7x7; WT: 25 LBS. #1001/5 \$9.95

PARTS BONNAZA



PLUG IN TUNING UNITS USED WITH BC-191/BC-375 TRANSMITTER. THESE UNITS CONTAIN MANY PARTS THAT CAN BE USED BY SCHOOLS, LABORATORIES, HAMS, OR EXPERIMENTERS. LISTED BELOW ARE THE VARIOUS TUNING UNITS WITH FREQUENCY COVERAGE, AND PARTS LIST. ALL UNITS INCLUDE CABINET, KNOBS, HANDLES, BRACKETS, AND OTHER PARTS. THE NEW TUNING UNITS ALSO INCLUDE THE OUTER CASE.

SIZE: 17x9x7½ WT: 13 LBS.

TU-5B 1500-3000KC

M-0 tank inductance
M-0 band change switch
Antenna coupling switch
P-A band change switch
Capacitors, as follows:
3/0.0001 mfd 3000 volt
0.00003 mfd 2000 volts
2/0.0004 mfd 5000 volts
3/0.00009 mfd 3000 volts
Var. 8-26mmf, 20-135mmf
20-156mmf
Antenna coupling coil
P-A grid choke coil
M-0 grid choke coil
P-A tank inductance
Res. 15 ohms, 4.5 watts
2½" vernier dial
right angle drive
NEW \$6.95

TU-6B 3000-4500KC

M-0 tank inductance
P-A tank inductance
P-A grid choke coil
M-0 grid choke coil
Antenna coupling coil
M-0 band change switch
P-A band change switch
Antenna coupling switch
Capacitors, as follows:
2/0.00005 mfd 3000 volt
2/0.0004 mfd 5000 volts
Variable cap. 19-116 mmf, 8-26mmf, 15-77mmf
M-0 tuning compensator
Res. 15 ohm, 4.5 watts
2½" Vernier dial
Right angle drive
NEW \$5.95

TU-7-B 4500-6200KC

M-0 tank inductance
P-A tank inductance
Antenna coupling switch
Antenna coupling coil
P-A grid choke coil
M-0 grid choke coil
Cap. as follows:
2/0.0004 mfd 5000 volts
Var. Cap. 8-26 mmf, 23-111mmf, 19-116mmf
2½" Vernier dial
Right angle drive
NEW \$5.95

BC-306 ANTENNA TUNING UNIT

200-500 KC

VARIOMETER COIL
VARIOMETER DIAL
ANTENNA COUPLIN
SWITCH
INSULATORS
NEW \$4.95

TU-8-B 6200-7700KC

M-0 tank inductance
M-0 grid choke coil
P-A grid choke coil
P-A tank inductance
Antenna coupling coil
Antenna coupling switch
Cap. 2/0.0004 mfd 5000v
Var. Cap. 14-66mmf, 8-26mmf, 15-81mmf
2½" Vernier dial
Right angle drive
NEW \$5.95

TU-9-B 7700-10,000KC

M-0 tank inductance
M-0 grid choke coil
P-A grid choke coil
P-A tank inductance
Antenna coupling coil
Antenna coupling switch
Cap. 3/0.0004 mfd 5000v
Var. Cap. 19-116mmf, 8-26mmf, 15-77mmf
2½" Vernier dial
Right angle drive
NEW \$4.95

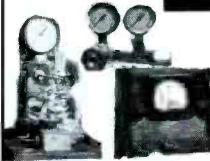
TU-10-B 10,000-12,500KC

M-0 tank inductance
M-0 grid choke coil
P-A tank inductance
P-A grid choke coil
Ant. coupling coil
Ant. coupling switch
M-0 choke coil
Cap. 3/0.0004 mfd 5000v
Var. cap. 14-62mmf, 19-116mmf, 8-26mmf
2½" vernier dial
Right angle drive
NEW \$4.95

TU-26-B 200-500KC

M-0 tank variometer
M-0 plate coil
M-0 grid choke coil
P-A tank variometer
P-A grid choke coil
M-0 band change switch
Antenna Coupling switch
Antenna coupling coil
Capacitors, as follows
2/0.0004 mfd 3000v
2/0.005 mfd 5000v
2/0.004 mfd 5000v
2/0.0035 mfd 5000v
0.002 mfd 5000v
0.0005 mfd 3000v
0.0007 mfd 3000v
12mmf, 35mmf
Var. cap. 8-26mmf
Res. 15 ohm 4.5 watts
2½" Vernier dial
Right angle drive
NEW \$4.95 Used \$3.95

VAPOR DETECTOR



WATER VAPOR DETECTOR 128; CONSISTS OF VALVING ASSY. WITH 2½" 3000 LB. PER. SQ. IN. GAUGE CONNECTED TO A BRASS BLOCK WITH 3 VALVES COPPER TUBING CONNECTS TO SATUATOR BOTTLE AND ANOTHER BLOCK WITH VALVE WHICH

ONE OUTLET CONNECTS TO A ELECTRIC AMPLIFIER THRU DETECTOR ELECTRODE AND THE OTHER OUTLET TO A GAS PRESSURE REGULATOR. THE ELECTRIC AMPLIFIER IS HOUSED IN METAL CASE WITH 3" METER 50 MICRO-AMP. WITH TUBES 1/1G6GT & 1/1G4GT IN A OSCILLATOR CIRCUIT, BALANCED BRIDGE TYPE, ANY ELECTRIC UNBALANCE IS INDICATED ON THE METER, INCLUDING CONTROLS ON PANEL, REQUIRES 67½ & 1.5 VOLTS D.C FOR OPERATION. GAS PRESSURE REGULATORS ARE STD. WITH 2" METERS. EQUIPMENT IS USED TO DETERMINE THE AMT OF WATER VAPOR IN THE GAS TO BE TESTED WITH A REF. GAS AS THE STANDARD. CARRING CASE 14x16x10½; WT: 60 PRICE: USED \$14.95

RELAY TEST SET

USED \$16.95
RE-COND. 21.95

1-193 RELAY TEST SET: USED FOR TESTING 255, 255A, D-163119A, D-164 816A POLAR RELAYS ETC. FOR BIAS AND SENSITIVITY. THE ELECTRICAL CHARACTERISTICS ARE DETERMINED BY THE DEFLECTIONS OF THE METER. ALSO CONTAINS CIRCUIT FOR SENDING PULSES FOR TESTING EXTERNAL TELEGRAPH CIRCUITS AND A 10-20 CYCLE OSCILLATOR FOR TESTING AND LINE-UP PURPOSES. OPERATES FROM 115/130 VDC 10 WATTS. (RA-87 RECTIFIER SHOWN ON PAGE 8 OF THIS CATALOG WILL OPERATE THIS EQUIPMENT) SHIPPED IN WOOD CHEST 24X12X13; WT: 75 LBS.



A.F.C. UNIT



AUTOMATIC FREQ. CONTROL UNIT No. 600671; USED WITH FIRE CONTROL SYSTEM WITH 16 TUBES 2/5829, 11/5703, 2/5702 & 1/5784, DPDT SIGMA RELAY THAT WILL OPERATE FROM 14 VDC @ 2.8 MA, SLUG TUNED COILS, RESISTORS, COND. ETC. (SORRY DO NOT KNOW FREQ. NO SCHEMATIC) SIZE: 4x8x6; WT: 5LBS. PRICE USED \$2.95

LABORATORY FOR ELECTRONICS MODEL 401 OSCILLOSCOPE; HIGH GAIN WIDE BAND INST. DESIGNED FOR THE MOST VERSATILE REP. OF PULSES AND COMPLICATED WAVE FORMS. VIDEO AMPLIFIER FREQ. RANGE D.C TO OVER 10 MC. AMPLITUDE LESS THAN 15 MILLIVOLTS P/CM TO 50 V. P/CM, 6 DECADE RANGES OF SWEEP SPEEDS PERMITS EASY SYNCHRO. SHAPER CIR. IN/IMP. 1 MEGOHM 30 UUF/PROBE 10 MEGOHM 10 UUF ATTENUATOR 1x, 3x, 10x, 100x, 300x AND 1000x. IN/TERM. DIRECT 52, 72 OR 93 OHM/AC/DC COUPLING MAX. SIG. IN. 600 V.P. 1 WATT, 52, 72, 93 OHMS. EXT. SWEEP INPUT; DEF. 3 V. PEAK TO PEAK P/CM 1 CYCLE 500KC, TRIGGERED & DELAYED SWEEPS. TIME RANGE .1 MICROSEC. P/CM TO 10,000P/CM REPETITION RATE 500 CY TO 5KC. INT/EXT TRIG REQ. .5 TO 100 V.P/P NO/POL. DEL. SWEEP 2-5000 MICROSEC. 3 RANGES. DIAL SCALE 500 DIVISIONS IN THREE RANGES. POWER REQ. 105/125/210/250 VOLT 50 TO 500 CYC SIZE: 12½x15x19; WT: 75 LBS. C.R-BYP1 EXTRA PRICE: USED \$175.00 CHECKED FOR OPERATION \$25

WAVE METER

SCOPE OSCILLATOR

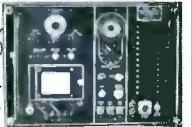
AN/UPM-1 WAVEMETER-OSCILLATOR-SCOPE RADAR TEST UNIT FOR 155-235MC AND 460-570MC CONTAINS PULSE AND SWEEP GENERATORS VIDEO AMP. 3" OSCILLOSCOPE, TWO WAVEMETER TWO OSCILLATORS, POWER REQUIREMENTS: 80, 115, OR 230 VOLTS AC. 60-1000 CYCLES. SIZE: 30x21x24; WT. 150LBS. USED \$39.99 ANTENNA FOR AN/UPM-1 SIZE: 21x12 WT. 11 LBS. USED \$9.95



SIGNAL GENERATOR

USED \$18.95

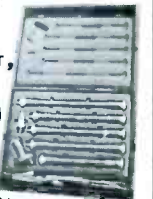
BC-1277 SIGNAL GENERATOR; 2400 TO 3400 MC. TUNED CAVITY DIGIT COUNTER DIVISIONS 30/60 MC. 0-50 D.C 3½" MICROAMP. METER FOR MEASURING THE VOLTAGES OF THE VARIOUS CIRCUITS. ATTENUATOR, SYNC. AMP., STD. SIGNAL SHAPE AND CAL. SIGNAL AMPLIFIER CIRCUIT OPERATES FROM 115 V. 50-1200 CYCLE. WITH TUBES 3/VR-150, 4/6AC7, 2/VR-105, 2/6Y6, 2/6SF5, 1/6L7, 1/6L6, 1/707A, 1/6X5 & 1/5T4. USED FOR TESTING RADAR. SIZE IN WOOD CHEST 22x17x17; WT: 100 LB



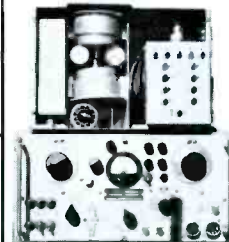
ATTENUATORS

MX-1309/URM-23 POWER MEASURING; KIT OF WAVEGUIDE ATTENUATORS, ADAPTER, BALOMETER, CABLE & CHART, 1000 TO 4000 MC.

ATTENUATOR CN-110/U 10 DB
" CN-111/U 20 DB (2pc)
" CN-168/U 3 DB
" CN-169/U 6 DB
RF BALOMETER DT-76/U, "N" CONN
ADAPTER CONN. UG-402/U
COAXIAL CABLE CG-92B/U, W/UG-21 EA. END.
METAL CARRING CASE, FITTED, SIZE 19x5½x14;
WT: 32 LBS. COMPLETE SET \$14.95

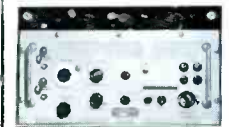


PULSE GENERATOR



AN/UPM-19 RADAR TEST SET CONSISTS OF SG-76 PULSE GENERATOR THAT COVERS THE FREQ. OF 2650-2950 MC. VARIABLE FREQ. AND R.F. OSCILLATOR CONTROLS BCN CONN. REQ. FOR R.F IN, R.F OUT, VIDEO PULSE AND SYNC. OUT JACKS. 2½" R.F. CAL. POWER METER 25 VDC, OPERATES FROM 24 VDC VIBRATOR POWER PACK. ABOVE IS CONTAINED IN CASE # 1 OF 2. CASE 2 OF 2 CONTAINS, 2 ANTENNAS, CONTROL BOX, LITE INDICATOR BOX, PLUGS AND CABLES. ALUMINUM CARRING CASE SIZES 16x8x14 AND 14x10x10; SHGP. WT: 80 LBS. PRICE: USED \$29.50

CALIBRATOR



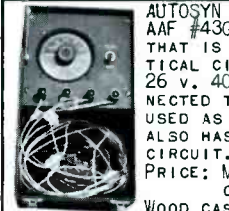
TS-102B/AP CALIBRATOR: RANGE CALIBRATOR PORTABLE PULSE GENERATOR WITH REPETITION FREQ. OF 400, 800, 1600, 2000 & 4000, MARKER AND SYNCHRONIZING PULSE, VARIABLE DELAY LINE PHASE ADJUSTMENT. OPERATES FROM 115 V. 50-1000 CYCLE WITH TUBES 2/6X4W, 3/6AG7 6/5814, 2/UG273/U CONN. 4/CABLES W/UG-88R/U SIZE: 16x10x11; WT: 28 LBS. UNUSD \$14.95



TS-164 FREQUENCY METER CASE EMPTY CASE USED TO HOUSE FREQ METER BC-221, CAN ALSO BE USED FOR SIMILAR TYPES, HINGED FRONT COVER FOR CALIBRATION BOOK, FRONT COMPARTMENT SIZE 9½x7½x7½, REAR COMPARTMENT HAS 2 BALLAST TUBES AND VOLTAGE REGULATOR TUBE VR-105, REAR COMPARTMENT IS 2" DEEP ALSO REPLY AND SHOCK-MOUNTING. SHGP. WT: 19 LB. NEW \$3.95



JB-70 JUNCTION BOX; USED WITH BC-610 TRANSMITTER. FRONT PANEL HAS SWITCHES AND CONTROLS FOR REMOTE USE OF TRANS. HAS AC OUTLETS BOTTOM & SIDE, 4 HEADSET & 2 KEY JACKS, MIC PLUG, 2 WAFER, 4 TOGGLE, LEVER & START/STOP SWITCHES, CIRCUIT BREAKER, CABLES ETC. SIZE 19x13x5½; WT: 40 LBS PRICE: USED \$9.95



AUTOSYN INSTRUMENT FIELD TESTER; AAF #43G18624 IS A SIMPLE TESTER THAT IS DESIGNED TO TEST THE ELECTRICAL CIRCUITS OF ALL MINIATURE 26 V. 400 CYC. AUTOSYNS. WHEN CONNECTED TO THE SUPPLY IT CAN BE USED AS A TRANSMITTER OR INDICATOR ALSO HAS ELECTRICAL ZERO TESTING CIRCUIT. SIZE: 6x10x5; WT: 8 LBS. PRICE: METAL CASE HINGED COVER & CABLES. USED \$8.95 WOOD CASE NO COVER/CABLES 3.95



CONTROL PANEL K-2406-3 FOR POWER, FUSE & ALARM, PILOT & HIGH/LOW, 3 FUSED SERVICES, 4 PILOT LIGHTS, 4 PUSH BUTTONS, PRINTED CIRCUIT BOARD HAS 12 TRANSISTORS, 4 DIODES RESISTORS, CONDENSERS AND 2 VARIABLE COILS (ACCORDING TO THE MARKING ON THE CHASSIS THIS UNIT MAYBE TUNED TO 268 KC) ALSO RELAYS 1/12 VDC DUAL COIL 1/SPDT 1/SPST, ONE 24 VDC DPDT & 3 24VDC 3PST. SIZE: 3½x4x9; WT: 4 LB. USED \$5.95

MOTOROLA

MOTOROLA RECEIVER 30-40MC FM, DUAL CONVERSION SINGL CHANNEL CRYSTAL CONTROL, SQUELCH CIRCUIT, 6 VOLT VIBRATOR POWER SUPPLY WITH 2/6x5 TUBES, RECEIVE TUBE LINEUP 8/6SG7, 1/6K8 1/6K6, 2/6H6, 1/6C8. USED LESS CRYSTALS.

SIZE: 15x9x9; WT: 30 LBS. FMR-13 \$29.95

MOTOROLA RECEIVER 70-80 MC, DUAL CONVERSION, CRYSTAL CONTROL, SINGLE CHANNEL, SQUELCH CIR. 6 VOLT VIBRATOR POWER SUPPLY, WITH TUBES 10/7C7, 1/7C5, 2/7AG7, 1/7F7 & 2/7AG7. USED

SIZE: 15x9x9; WT: 30 LBS. #FMR-16V \$19.95

MOTOROLA TRANSMITTER F.M. 30-40MC U 6V 9.95
" F.M. 152-172 " U 6V 14.95

CABLES TO FIT MOTOROLA R,T 2/REQ. EACH 2.75

30 MC - 28 MC

BC-499 RECEIVER F.M. 20-28 MC, 5 CHANNEL CRYSTAL CONTROL, FD 15 KC. WITH 11 TUBES 3/12SH7, 1/12SJ7, 2/12H6, 2/12A6, 1/12SL7GT & 2/12K8. WITH 14 VDC DYNAMOTOR OUTPUT 260 VDC 60 MA., AUDIO OUTPUT 500 OHM & SQUELCH CIRCUIT.

SIZE: 12x9x9; WT: 23 LBS. PRICE: RE-NEW \$18.95
CONNECTOR PLUG TO FIT UNIT ... \$1.50

PHILCO

PHILCO TRANSMITTERS PRT150GT 154-172 MC. FM. 30 WATT, 6 VOLT DYNAMOTOR P.S. CRYSTAL CONTROL SINGLE CHANNEL TUBES, 2/3A4, 1/9003, 1/6BJ6, 2/2E24, 1/6C4 & 1/2E30. USED COND

SIZE: 15x10x8; WT: 35 LBS. PRICE: W/TUBES, L/CRYS. \$14.95

PHILCO RECEIVER PRT72G 70-80 MC.F.M. 6 VOLT VIBRATOR POWER SUPPLY, CRYSTAL CONTROL, SQUELCH CIRCUIT, WITH TUBES 3/6BD6, 3/6AK5, 2/6AQ6, 1/6C4, 1/7F7 & 1/7A8. USED LESS CRYST.

SIZE: 15x10x8; WT: 30 LBS. \$14.95

NAVY WALKIE TALKIE **MARINE BAND**

NAVY WALKIE-TALKIE TRANSMITTER & RECEIVER. THIS EQUIPMENT IS CRYSTAL CONTROLLED AND CAN BE OPERATED ON ANY ONE CHANNEL IN THE FREQUENCY RANGE OF 2.3 TO 4.5 MC. VOICE (A3) COMMUNICATION ONLY. OUTPUT OF TRANS IS 0.2 WATTS AND SATISFACTORY COMMUNICATION BETWEEN UNITS OVER AVERAGE TERRAIN SHOULD BE ABLE TO BE MAINTAINED UP TO APPROX. (1) ONE MILE.

WITH TUBES 1/1R5, 1/1S5, 2/1T4, 3/3S4. VOLTAGES REQUIRED 67.5 VDC 3 MA; 135 VDC 4 MA; 1.5VDC 225 MA FOR REC. 67.5 VDC 1.5 MA; 135 VDC 19 MA; 1.5VDC 225 MA & -6VDC 30 MA FOR TRANSMIT. UNIT COMES IN A WATERPROOF PLASTIC CASE WITH SPACE FOR BATT. OR POWER SUPPLY. TELESCOPING ANTENNA 8 FT. HAS SPEC. LOADING COIL.

COMPLETE WITH TUBES, ANTENNA, 2 CRYSTALS FT-243 (NO CHOICE) HEADSET W/CANVAS BAND CARBON MICROPHONE, CANVAS COVER, & MANUAL. SIZE 8x8x2; WT: 8 LBS. \$9.95

NAVY WALKIE-TALKIE DIRECTION FINDING EQUIPMENT MODEL DAV SAME AS "MAB" DESCRIBED ABOVE ONLY HAS A DIRECTION FINDING LOOP CIRCUIT FOR HOMING AND IS IN A WATERPROOF PLYWOOD CASE WITH WEB STRAPS FOR CARRING ON BACK OR FRONT. ALSO COMPLETE WITH TUBES, HEADSET WITH CANVAS BAND, LIP MICROPHONE, TELESCOPING ANTENNA & 2 CRYSTALS (NO CHOICE) WITH MANUAL. SIZE: 14x10x3; 11LB USED \$12.95

MARINE BAND

VIBRATOR POWER SUPPLY MAB & DAV DESIGNED FOR USE WITH MAB & DAV DESCRIBED ABOVE, OPERATES FROM 6 V DC STORAGE BATTERY NT-6, THAT FITS ON BOTTOM OF P.S. PACK, 6 V 4AMP. CAN BE OPERATED FROM ANY 6 VDC 4 A. SOURCE) SUPPLIES 1.5 VDC .3 A, -6 VDC .02 A, 67.5 VDC .005 A. 135 VDC .02A. ALSO USED WITH NAVY EQUIP. MU, MV, MW, & MX. SIZE: 6x3x1; WT: 2 LBS. NEW \$6.95

NT-6 PLASTIC STORAGE BATTERY FOR ABOVE POWER SUPPLY CRF-20221A SUPPLIES 6 VOLTS DC 4 AMP.

SIZE: 3x2x2; WT: 2 LBS. DRY CHARGE BATTERY. \$3.95

30 MC - 50 MC

RCA F.M. RECEIVER 30 - 50 MC SINGLE CHANNEL, CRYSTAL CONTROL, WITH TUBES 9/6SH7, 1/6SL7, 1/1635 & 2/6H6. AVAILABLE WITH 6 OR 12 VOLT VIBRATOR PACK.

SIZE: 9x10x16; WT: 23 LBS. RCA#CV1B OR EQUIVALENT.

PRICE: USED W/6 V. PACK \$29.95 W/12 V \$34.95

LINK RECEIVER 30-50 MC FM

TYPE 11-UF-ED-6. CRYSTAL CONTROL SINGLE CHANNEL, DUAL CONVERSION, SQUELCH CIRCUIT WITH TUBES 5/7AG7 2/7A6, 1/7C7, 1/7F7, 1/7B5 & 1/7F7. VOLTAGES REQUIRED FOR FILAMENTS 6 VOLTS, HIGH VOLTAGE 250 VDC 60MA.

SIZE: 12x13x9; WT: 22 LBS. PRICE: USED \$27.50
POWER & CONTROL PLUG \$1.00 ANTENNA PLUG \$1.00

115V 60 CYC & 6 VDC

LINK TYPE 5-FRX TRANSMITTER RECEIVER; F.M. 30-40 MC 115 VOLT 50-60 CYCLE OR 6 VOLT DC. SINGLE CHANNEL CRYSTAL CONTROL. SET IS HOUSED IN METAL BOX WITH SPEAKER, HANDSET, PILOT LIGHT CONNECTOR AND SWITCH FOR 6 OR 115 V. OPERATION. TRANSMITTER OUTPUT IS 3 WATT USING TUBES 1/7F7, 1/7M7, 2/7C5, CRYSTAL FREQ. IS MULTIPLIED 32 TIMES FOR OPERATING FREQ. RECEIVER SENSITIVITY 1/2 MICROVOLT OR BETTER. WITH TUBES 2/6AC7, 2/6K8, 1/6V6, 1/6SH7, 1/6SJ7, 2/6H6, 1/6SL7 & 1/6K6. FREQ. DEVIATION - 15KC CASE SIZE 21x9x15; WT: SHPG. 80 LBS.

PRICE: USED AS DESCRIBED \$55.00
REPRODUCTION OF MANUAL 5.00

NAVY TCS TRANSMITTER

AM, 1.5 TO 12 MC IN 3 BANDS, 40 WATTS CW, 20 WATTS PHONE, VARIABLE MASTER OSCILLATOR AND 4 CRYSTAL CONTROL PRE SET CHANNELS OVER THE ENTIRE FREQ. RANGE. WITH 3/12A6 TUBES IN THE OSC. AND BUFFER-DOUBLER, 4/1625'S MODULATOR AND POWER AMPLIFIER STAGES. ILLUMINATED DIAL WITH VERNIER AND SPIN TUNING, 2 1/2 INCH METERS FOR READING VOLTAGES & R.F. ALL TUNING AND OPERATING CONTROLS ARE ON THE FRONT PANEL. VOLTAGES REQUIRED 12 VDC & 400-440 VDC 200 MA. SIZE: 11x11x13; 41LB USED \$34.50
USED CHECKED FOR OPERATION \$44.50

TCS POWER SUPPLIES

115 V 60 CYCLE (NOT SURPLUS) COMBINATION UNIT FOR RECEIVER, TRANSMITTER & CONTROL BX 7x8x13; 50 LBS. WIRE \$50.00
TRANSMITTER ONLY; 5x6x9; 15 LB. " 35.00
RECEIVER ONLY WITH SPEAKER 10x10x6; 15 LB. " 20.00

TCS CABLES RECEIVER TO POWER SUPPLY \$2.75
" TRANSMITTER TO " " 2.75
PLUGS FOR CONTROL BOX & " (2) 3.00

TCS ANTENNA LOADING COIL #47205; USED TO MATCH THE OUTPUT OF THE REC./TRANS. TO A WHIP ANTENNA TO OBTAIN THE MAXIMUM PERFORMANCE. OR BY USE OF THE 6 POSITION TAP SWITCH IT CAN BE USED TO MATCH VARIOUS LENGTHS OF STRAIGHT WIRE ANTENNA SYSTEMS.

SIZE: 6x9x6; WT: 7 LBS. PRICE: USED \$6.95

TCS PARTS
MOST PARTS AVAILABLE, ADVISE US OF YOUR NEEDS.

LINK RECEIVER TRANS. 152-172 MC 6 & 12 V

LINK RECEIVER #1905 152-172 MC FM, DOUBLE CONVERSION, SINGLE CHANNEL CRYSTAL CONTROL, VIBRATOR P.S. SQUELCH CIRCUIT WITH TUBES 2/7A6, 1/7F7, 7/7AG7, 1/7B5 & 2/6AK5. CONDITION USED.

PRICE: W/12 VOLT P.S \$39.50 W/6 VOLT P.S \$34.95

LINK TRANSMITTER #1905 152-172 MC FM, 50 WATT WITH TUBES 2/2E26 DRIVING A 829 IN THE FINAL, 1/7AG7, 1/7F7 & 1/7M7. DYNAMOTOR POWER SUPPLY.

PRICE: W/12 VOLT P.S \$19.95 W/6 V. P.S \$14.95

SIZE OF REC./TRANS. 8X10X12; WT. EA. 30 LBS.
CABLES: (REC. 2 REQ.) (TRANS. 3 REQ.) EA. \$2.75
TRANSMITTER ONLY LESS TUBES & DYNAMOTOR \$7.75

CONTROL RECEIVER

R-127-RADIO CONTROL CONVERTING RECEIVER 162-174 MC F.M. 2 CHANNEL OUTPUT, BATTERY OPERATION, REQUIRED VOLTAGES 67.5, 45, 90, 1.5, 7.5 & 10.5 WITH TUBES 2/959, 2/1T4, 2/3S4, 1/1S5 & 1/958. 1.F 8.25mc CHASSIS AS PHOTO. W/SCHEMATIC

SIZE: 12x8; WT: 12 LBS. RE-NEW \$14.95
CONNECTOR PLUG TO FIT UNIT..... 1.50

RECEIVER

R-74/CRW-2 RECEIVER A.M. SUPERREGENERATIVE TYPE FOR REMOTE CONTROL USE IN THE 53-88 MC BAND. WHEN THE RF TRANSMITTING CARRIER IS MODULATED BY 475 OR 3000 CYCLE TONE. IT ACTUATES THE RELAY IN THE RECEIVER WHICH CAN BE USED TO CONTROL EQUIP. SINGLE PRESELECTED FREQ. MUST BE USED. WITH TUBES 1/6SG7, 1/6J5, 3/6SL7 & 1/6SN7. AND DYNAMOTOR 24 VDC INPUT, OUTPUT 250 VDC 60 MA. SIZE: 6x8x10; WT: 15 LBS. PRICE: USED \$6.95

NAVY TCS RECEIVER

AM, 1.5 TO 12 MC IN 3 BANDS, CRYSTAL CONTROL ON FOUR PRESET CHANNEL OR VARIABLE FREQUENCY OVER THE ENTIRE RANGE. AUDIO OUTPUT 1.5 WATTS INTO A 500 OHM LOAD. WITH TUBES 12SK7 RF AMPLIFIER, 12SA7 CONVERTER, 2/12SK7 IF AMPLIFIER, 12SC7 DETECTOR/BFO, 12A6 OSC. & 12A6 AUDIO AMP. IF FREQ. 456. ILLUMINATED DIAL WITH VERNIER & SPIN TUNING. AUDIO GAIN, AVC & BFO CONTROLS. VOLTAGES REQUIRED 12 VDC & APPROX. 220 VDC @ 100 MA. CW PITCH AND OSCILLATOR SELECTOR CONTROLS. SIZE 11x11x13; 37LB. USED \$44.95
USED CHECKED FOR OPERATION 54.95

TCS REMOTE CONTROL UNIT TYPE 23270 FOR REC. TRANS. AND AMPLIFIER WITH HEAVY DUTY 5" PM SPEAKER, MIC & PHONE JACKS, VOL. CONTROL & SWITCHES. 3x5x7; 7 LBS. RE-NEW \$9.35

RUBBER SHOCK MOUNTS ONLY EACH \$5.00
MOUNTING BASE ONLY \$1.50 WITH 4 MOUNTS \$2.95
NOISE LIMITER CONVERSION KIT W/6H6 TUBE 2.00

TCS DUAL DYNAMOTOR POWER SUPPLY INPUT 12 VDC 14.5 AMP. OUTPUT 440 VDC 200 MA. FOR TRANS. 225 VDC 100 MA. FOR REC., FILTERED INPUT & OUTPUT WITH START RELAY & CONNECTORS FOR CONNECTING REC. TRANS. & CONTROL BOX. RE-NEW

SIZE: 12x7x7; WT: 35 LBS. PRICE: \$14.95

D-401 DYNAMOTOR ONLY FOR TRANS. INPUT 12 VDC 9.9 AMP, OUTPUT 440 VDC 200 MA. RE-NEW \$6.95
D-402 DYNAMOTOR ONLY FOR REC. INPUT 12 VDC 3.8 AMP. OUTPUT 220 VDC 100 MA. RE-NEW \$4.95

STEPPING SWITCHES



WESTERN UNION AUTOMATIC NUMBERS
CONSISTS OF 3 ROWS OF LIGHTS
NUMBERED 0-9, 3 STEPPING SWITCH
6 DECK 11 POSITION, ONE 10 DECK
24 POSITION STEPPING SWITCH, ONE
RELAY 4PDT & 4PST, OPERATES 40-
48 VDC, MOUNTED ON CHASSIS 4 1/2 x
7 1/2 x 1 3/4; WT: 12 LBS. #9701.1A
PRICE: USED \$19.95



STOCK#	POS. DECK	VDC	PRICE:
7709181P2	25 10	24	\$9.95
7709181P6	25 9	24	8.95
7709181P1	26 9	24	9.50
CONTINENTAL CONNECTORS 75-20H-1			
ONP2 & P6, 34-20H/P2, 21-20H/P1			
Z17139	25 5	24	\$5.95
917723	24 6	30/36	4.95
917722	24 8	30/36	5.95
916909	24 10	30/36	6.95
916972	12 2	32/36	1.95
NO CONNECTORS	917958	11 3	32/36 2.95
ON OTHER UNIT	917978	11 6	32/36 3.95

NO CONNECTORS 917958 11 3 32/36 2.95
ON OTHER UNIT 917978 11 6 32/36 3.95

BC-223 TRANSMITTER

\$19.95



BC-223
TRANSMITTER
25 WATT
2000 TO 5200KC
BY USE OF 3
PLUG IN TUNING
UNITS, CRYSTAL
CONTROL AND
VARIABLE OSCIL
LATOR, FOUR
PRESELECTED
CHANNELS, USES

FT-171 CRYSTAL HOLDERS WITH TUBES 1/801 OSCIL
LATOR, 1/801 POWER AMPLIFIER, 2/46 MODULATORS,
1/46 AUDIO AMPLIFIER, 2" METERS, 0-3 R.F. &
0-300 VDC MA. VOLTAGE REQUIRED 12 OR 24 VDC
& 500 VDC @ 150-200 MA.
SIZE: 18x13x7; WT: WITH 3 TUNING UNITS 100 LBS
PRICE: W/TUBES AND 3 TUNING UNITS WITH CASES
FOR 2 TUNING UNITS.. New \$19.95

TU-17 TUNING UNIT 2000-3000 Kc.	\$3.95
TU-18 " " 3000-4500 "	2.95
TU-25 " " 4500-5200 "	2.95
CS-56 CASE FOR HOUSING TUNING UNIT	1.00
FT-173 SHOCKMOUNTING	1.95
POWER PLUG CONNECTOR F/TRANS OR POWER	1.25
PE-135/PE-55 DYNAMOTOR 12/24 VOLT, USED	10.95
AC POWER SUPPLY	
KIT OF PARTS \$25.00	WIRED \$29.95

COMCO MODEL 278 TRANSMITTER-RECEIVER

275 MC. RECEIVER-TRANSMITTER
FOR 6/12/24 VOLT OPERAT
ION. POWER OUTPUT 2-3
WATTS. UNIT IS CRYSTAL
CONTROLLED (CRYSTALS
NOT INCLUDED). COMPLETE
WITH TUBES: 2E26, 5686,
5/68H6, 12AX7, 2/6AQ5,
6AT6, 3/6BJ6, 6BE6,
2/6AK5, 6AK6. UNIT COMPLETE WITH TUBES,
CABLES, SPEAKER, AND CONTROL BOX.
SIZE: 12x11x5 1/2. WT: 35 LBS.
USED \$39.95



DIVERSITY RECEIVER



DIVERSITY RECEIVING EQUIPMENT
PROVIDES A MEANS FOR COMBINING
THE OUTPUT OF THREE
RECEIVERS TO PRODUCE A SINGLE
KEYED AUDIO OUTPUT SIGNAL,
FREE FROM NOISE AND OTHER UN-
DESIRABLE INTERFERENCE. IT IS
SUITABLE FOR USE ONLY IN CW
& MCW SIGNALS AND NOT VOICE.
THE BAND PASS FILTER IS FOR 600 TO 1200 CYC.
AND THE OUTPUT OF EACH RECEIVER IS INDICATED
ON THE METERS WHICH ARE 500 MICROAMP. THE
AUDIO FREQ. CONTROL CAN BE ADJUSTED FOR THE
PROPER BAND PASS. INPUT AND OUTPUT IMPEDANCE
IS 600 OHMS. EQUIPMENT OPERATES FROM 115/230
VOLT 50/60 CYC. AND CAN BE RACK MOUNTED.
W/TUBES 1/VR-150, 1/6F8, 3/6A6, 2/6SJ7, 1/77,
1/1V, 1/80. SIZE: 21x19x14; WT: 125 LBS.
PRICE: NEW WITH MANUAL \$19.95

AMPLIFIER, FILTER, POWER SUPPLY.
PRINTED CIRCUIT WITH TUBES 2/5840, 1/
5678 & 1/6112, SILVER PLATED SHIELDS
RESISTORS, CONDENSERS ETC. SIZE: 5x3x3
3/2 LBS. #1280-779-1385

\$1.50

RECORDER PLAYBACK



D-5 DIRECTOR AND
T-5 TRANSCRIBER
DICTATING-RECORD-
ING MACHINE FOR
PLASTIC DISC 6"
@ 33-1/3 RPM.

THE D-5 DIRECTOR
CUTS AND CAN PLAY
BACK THE RECORD WHICH IS CONTROLLED BY THE
MICROPHONE. UNIT HAS ADVANCE AND REPEAT CON-
TROL AND MODULATION LEVEL INDICATOR. THE REC-
ORD HAS A CENTERING INDEX TO SHOW HOW MANY
LINES HAVE BEEN TRANSCRIBED.
THE T-5 TRANSCRIBER IS FOR PLAYBACK ONLY AND
IS CONTROLLED BY A STOP AND GO FOOT SWITCH.
THE OUTPUT IS FEED TO A HEADSET PHONE JACK.
EQUIPMENT OPERATES FROM 115 VOLT 60 CYCLE
AND IS UNSUBJ. BUT MAY NEED SOME REPAIR AND
ADJUSTMENT. DISCS ARE FOR HALF HOUR RECORDING
SIZE: DIRECTOR 11 1/2 x 9 1/2 x 3; WT: 12 LBS. TRANS.
9 x 9 x 10 1/2; WT: 10 LB.

PRICE: AS DESCRIBED DIRECTOR, TRANSCRIBER,
MICROPHONE, SWITCH & 50 BLANK DISCS \$30.00

Box of Fifty (50) BLANK DISCS \$3.00

AIRPEED INDICATOR

ID-168B/APA-44 AIRSPEED

INDICATOR. CONTAINS A
KOLLSMAN TRUE AIRSPEED
METER AND AN INDICATING
DEVICE WITH A RANGE OF
84 TO 434 KNOTS. BY OPERATION OF THE TEST
SWITCH THE AIRSPEED SERVO MAY BE MADE TO RUN I
DIRECTION OF INCREASING AIRSPEED, IN DIRECTION
OF TRUE AIRSPEED, OR TO HOLD THE PRESENT SETTING
FLEXIBLE TUBE CONNECTED TO A TEMPERATURE COMPEN-
SATING THERMOMETER. JOHN OSTER MOTOR # AV 240
28 VDC. TUBES 1/6AK5W. WESTERN ELECTRIC RELAY
D171584. SIZE 15x7 1/2 x 5. WT. 19 LBS.
USED \$5.95 RE-NEW \$8.95



RT-122/APW-11 REC.-TRANS.

RT-122/APW-11 RECEIVER TRANS-
MITTER, THIS UNIT CONSISTS OF
A TUNABLE RECEIVER CAVITY, A
CRYSTAL DETECTOR, A VIDEO AMP
LIFIER, DECODING CIRCUITS, A
TRANSMITTER AND CIRCUITS FOR OB-
TAINING AUDIO FREQUENCY TONES FROM
THE PULSE POSITION MODULATED SIGNALS OF THE
AN/MSQ-1. THE TRANSMITTER CONTAINS CIRCUITS
FOR ENCODING THE REPLY BY VARYING THE SPACING
BETWEEN THE TWO REPLY PULSES. THE RECEIVER-
TRANSMITTER RECEIVES INPUT PULSES TRANSMITTED
AT A PULSE REPETITION FREQUENCY OF 410 CYCLES
PER SECOND AND A PRESET CARRIER FREQUENCY
RANGING BETWEEN 2680 AND 2920 MC. THE REPLY
PULSES ARE AUTOMATICALLY TRANSMITTED AT A PRE-
SET CARRIER FREQUENCY RANGING BETWEEN 2700 AND
2950 MC. TUBES: 1/12AT7; 2/2D21; 6AS6; 6AL5
2C40. SIZE: 13x5 1/2 x 6. WT. 19 LBS.
PRICE: USED WITH TUBES... \$14.95
USED LESS TUBES... 5.95



C-400/APW-11 SELECTOR UNIT FOR
RT-122 REC-TRANS. CONTAINS
6 RELAYS 24 VDC SPST NORM OPEN
15 9 PIN SOCKETS, 1 OCTAL, 6
FILTERS, 1 DPDT SW. RESISTORS
CONDENSERS ETC. 5x6x12; 8 LBS
PRICE: USED LESS TUBES \$2.95



SERVO AMPLIFIER

SERVO AMPLIFIER #358661 IN SEALED
BLACK BOX CONTAINING SIX (6)
TUBES 2/6AL5, 2/6AQ5, 1/6096, 6/101,
RELAY DPDT, OUTPUT TRANS. COND.
RESISTORS ETC.
SIZE: 5x3x4; WT: 4 LBS. USED \$1.95



AMPLIFIER

WEBSTER ELECTRIC AMPLIFIER
SERVO TYPE: OPERATES FROM
115 VOLT 60 CYCLE, WITH TUBE
3/6SN7, 1/6H6, 1/6SN7 & 1/5T4,
POWER SUPPLY OUTPUT 250 VDC
80 MA (UNFILTERED) 5 VAC @ 3 A
6.3 VAC @ 3 A., 6.3 VAC @ 4 AMP. ALSO INTER-
STAGE TRANSFORMERS, RESISTORS, CONDENSERS,
CONTROLS ETC. CHASSIS SIZE 14x6x1 1/2; WT: 19 LB
PRICE: USED \$4.95



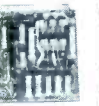
TRANSISTOR BOARDS

THE TRANSISTOR BOARDS LISTED BELOW ARE APPROX.
4 1/2 x 5 1/2 AND CONTAIN THE PARTS LISTED. \$1.25
PRICE: EACH,

#44485-506-11
3/6111 G.E. TUBES; 2/2N338 SWITCHING
AND HIGH FREQUENCY TRANS.; 21/2 WATT
RES.; 3/1 WATT RES.; 6/ GLASS DIODES;
CAPACITORS: 3/.1 MFD @ 100 VDC; 2/.061
MFD @ 200 VDC; 3/1.5 MFD.-150 VDC TAN
ALUM CAP.



#40085-401-31
2/2N498 4W. SILICON MESA PNP TRANS.
1/2N335 .15W SMALL SIGNAL TRANS. 6/
1N540 DIODE 2.5A-400PIV; 4/3 WATT
RES.; 3/ 1/2 WATT 1% RES.; CAPACITOR:
1/5MFD-150 VDC TANTALUM; 1/7 MFD
100VDC TANTALUM; 1/2MFD-100VDC TAN-
ALUM; 1/.1MFD-1000 VDC; 1/.0033MFD
100VDC; 3/.1MFD-100VDC; 1/1000OHM
BOURNS TRIMPOT.



#40835-401-11
2/2N498 SILICON MESA PNP-4W; 3/2N335
.15 W SMALL SIGNAL TRANS.; 6/U-292
DIODES; 1/2K BOURNS TRIMPOT; 4/ 1/2 WAT
RES.; 7/ 1/2 WATT 1% RES.; 1/.1MFD-200
VDC CAPACITOR.



#44490-506-11
1/#6021 TUBE; 4/1N251 SILICON SIG-
NAL DIODE 5MA 1V.; 1/1N643 SILICON
DIODE 10MA-200V.; 1/10K BOURN TRIMPOT
11/2WATT RES.; 2/2WATT RES.; 1/1% RES
CAPACITOR: .35MFD-150VDC TANTALUM
1.5MFD-150VDC TANTALUM; .0047MFD
-200 VDC; .022MFD-200 VDC; 3/.01-
200 VDC; .01-400 VDC; 1 TRANSFORMER



K2401 PLUG-IN PRINTED CIRCUIT
BOARD W/81EY CRYSTAL 436 KC
6, TRANSISTORS, 12 DIODES,
436 KC & 108 KC FILTER, COND
ENSERS, RESISTORS, TRANSFORMER
SIZE: 9x4 1/2 x 1; 2LB. USED \$2.95
K2419 SIMILAR TO ABOVE UNIT W/ 7 DIODES, 2
TRANSISTOR, 19 RESISTORS, 14 CAPACITORS, 5
SMALL TRANSFORMERS, 2 FILTERS, SOCKETS ETC.
SIZE: 9x4 1/2 x 1; 2LBS. \$1.50

TRANSISTOR BOARDS 5/ \$1.00
BOARDS SIMILAR TO THOSE PICT-
URED. EACH PACKAGE CONTAINS
5 BOARDS WHICH HAVE DIODES
TRANSISTORS, CONDENSERS, AND
RESISTORS. EACH BOARD 2 5/8
BY 3 7/8. WT. 9 OZ.
PRICE: 5/ \$1.00

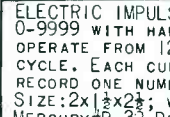
COMPUTER
COMPUTER PRIMARY CONTROL BOX MK-1
CONTAINS 1 AY-232 AUTOSYN, 4 BAND
SWITCHES, 4 TOGGLE SW. 6 PILOT LITE
2 SMALL DIRECT LITES, 4 RELAYS 24 V
KNOBS, CONN. ETC.
SIZE 6-3/4x10 1/2x6; WT: 10 LBS. \$3.95

VIGATIONAL AIR DATA COMPUTER
SERVO AMPLIFIERS #SA 118H
/P.S.#107861, 1 TEST ADAPTER,
POSITIONERS FOR JUMP ANGLE,
TRUE AIR SPEED, DYNAMIC PRES
SURE, AIR DENSITY, ANGLE OF
ATTACK & MACH.
SIZE: 9x5x17; WT: 40 LBB. USED \$18.95

ELAPSED TIME METER

ELAPSED TIME METER 0-9999.99
HOURS. CAN BE USED TO KEEP
RECORD OF RUNNING OR OPERAT-
ING TIME OF ELECTRICAL, ELEC-
TRONIC EQUIPMENT, INDUSTRIAL
MACHINES ETC. RECORDS ELAPSED
OPERATING TIME IN HOURS, TEN-
THS & HUNDRETHS. OPERATES
FROM 40 VOLTS 60 CYCLE OR FROM 115 VOLT 60
CYCLE BY USE OF DROPPING RESISTANCE WHICH IS
SUPPLIED. NUMBER VIEWER SIZE 1". USED
1BM#74C5030; SIZE: 2 1/2 x 2 1/2 x 3 1/2; 2 LB. \$2.95

ELECTRIC IMPULSE COUNTER 24 VAC
0-9999 WITH HAND RESET. WILL
OPERATE FROM 12 OR 24 VOLTS 60
CYCLE. EACH CURRENT IMPULSE WILL
RECORD ONE NUMBER, INCREASING.
SIZE: 2x1 1/2 x 2 1/2; WT: 1LB. MERCURY #B32
MERCURY#B-32 PRICE: USED \$2.95



MAGAZINE

MAGAZINE FOR RADARSCOPE IMAGE RECORDING CAMERA TYPE C-1A FOR THE 0-15 CAMERA SYSTEM. WITH 1-3/8 x 3 3/4" SPOOL.
 SIZE: 3 1/2 x 5 9/16; WT: 8 LBS.
 PRICE: USED \$9.95



MAGAZINE

MAGAZINE FOR RADARSCOPE IMAGE OPTICAL TARGET RECORDING CAMERA TYPE C-7 WITH FILM SPOOL SIZE 1-3/8 x 2 1/2.
 SIZE: 3 1/2 x 6 x 5 1/2; WT: 5 LBS.
 PRICE: USED \$9.95



CONTROL FOR DURATION TRIPPING PULSE PHOTO CONTROL SYSTEM E-1 VOLTAGE REQUIRED 24 VDC, CONTAINS DELCO 24 VDC P.M MOTOR 10,000RPM CONNECTED TO A GEAR BOX ALSO A 3 DIGIT ELECTRIC COUNTER WITH MANUAL RESET, 2 - 24VDC RELAYS, START, STOP AND SINGLE EXPOSURE PUSH BUTTON SWITCHES, PILOT LIT & FUSE HOLDER, W/ SCHEMATIC
 SIZE: 5 1/2 x 6 1/2 x 3 1/2; WT: 8 LBS.
 PRICE: USED \$8.95



EXPOSURE CONTROL

TYPE P-8 CONTROL BOX FOR CONTROL OF EXPOSURE FREQUENCY USED WITH CAMERA EQUIP. HAS 4 PAIRS OF CONNECTORS 2/ 11 CONDUCTOR, 2/ 15 CONDUCTOR, 2 POTIOMETERS, 2 WAFER SWITCHES, 4 FUSE HOLDERS, 6/ 28 VDC OPEN FRAME RELAYS, MISC CAPACITORS AND HARDWARE. SIZE 6x7 x 9. WT; 14 LBS PRICE: \$8.95



AMPLIFIER



AM-142/AIC AMPLIFIER USED IN LARGE AIRCRAFT AS A AUDIO LINE BOOSTER AND MIXER FOR THE INTER COMMUNICATION SYSTEM. INPUT IMPEDANCE 500OHM OUTPUT 600 OHM. OPERATES FROM 24 VOLTS D.C. USES ONE 26A7 TUBE. WITH TUBE & SCHEMATIC. SIZE: 5x5x2; WT: 3 LBS. PRICE: USED \$2.95

SERVO AMPLIFIERS

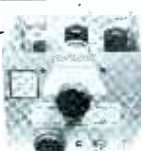


SERVO AMPLIFIERS FROM MD-2 ELECTRONIC CONTROL STABILIZATION BOMBING NAVIGATIONAL COMPUTER. PART NO. DESIG. PART NO. DESIG
 658657 I H 656662 P H
 672168 MAH 673097 MDH
 658659 K H EACH UNIT
 SIZE: 3 1/2 x 3 x 3; WT: 3 LBS. U \$2.95
 658658 J H 658661 M H
 658660 L H EACH UNIT
 SIZE: 5 x 3 x 3 1/2; WT: 4 LBS. U \$3.95
 CONNECTOR PLUGS EACH USED \$1

SEALED UNITS.

AMPLIFIER

AM-26/AIC AMPLIFIER; USED IN AIRCRAFT FOR AUDIO INTERCOMMUNICATION. CARBON MICROPHONE INPUT, 600 OHM AND 2000 OHM OUTPUT IMPEDANCE. WITH 2/12J5 & 2/12A6 TUBES. VOLTAGE REQUIRED 24 VDC FOR FILAMENTS AND 250 VDC @ 60 MA. MOUNTING FOR DM-32 DYNAMOTOR 24 VDC. (PAGE 9)
 SIZE: 9 1/2 x 5 1/2 x 5 1/2; WT: 8 LBS. PRICE: USED \$4.95



DIGIT CONTROL



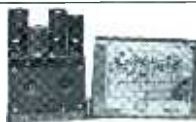
CONTROL SPLIT VERTICE CAMERA TYPE K-3, CONTAINS 24 VDC 4 DIGIT COUNTER, 2 LIGHTS, 2 PUSH SWITCHES, 4 DECK 4 POS. WAFER SW. AND 4 EA. 320R BULE
 SIZE: 6 1/2 x 2 x 5; 3LBS. \$2.95 U

COMPUTER SYSTEM



AMPLIFIER, ELECTRONIC CONTROL TYPE D-1; CHOPPER SAMPLING TYPE WITH TOROIDAL TRANSFORMERS WITH FEED-BACK LOOPS, 6 VOLT 400 CYCLE CHOPPER, 1/5814 & 1/5751 TUBES, SELENIUM RECTIFIER SUPPLY, RESISTORS, CONDENSERS ETC. W/ SCHEMATIC VOLTAGES REQ. 255VDC, -35VDC, 6.3VAC, 115/400CY SIZE: 4x6x9; WT: 12 LB. PRICE: USED \$4.95

COMPUTER-POWER SUPPLY LA-15 CONTAINS 115 V 400 CYCLE P.S OUTPUT -35VDC & 210 VDC, 3 DECK 25 POS. WAFER SW. 1 POLE 25 POS. WAFER SW. 1 1/2 POS. WAFER SW. 33 PRECISION RESISTORS WIRED TO THE SWITCHES ALSO COND. RECTIFIERS, CONTROL ETC. W/ SCHEMATIC SIZE: 6x4x4; WT: 3 LBS. USED \$3.95



AMPLIFIER, ELECTRONIC CONTROL TYPE E-1; TORRID COIL TRANSFORMERS, K2701 CHOPPER ERROR SAMPLING & FEED-BACK COMMAND SIGNAL. 1/5751 & 1/5678 TUBE, TRANS. ETC. VOLTAGE REQ. 255 VDC, -22V, 6.3 VAC & 115V400C SIZE: 4x6x1 1/2; WT: 2LB. W/ SCHEMATIC U \$1.95

MOUNTING BASE FOR AMPLIFIER ASSY. LA-18; USED WITH CAMERA CONTROL SYSTEM LA-17, HCLDS COMPUTER P.S LA-15, CONTROL AMP. E-1 & D-1 DESCRIBED ABOVE CONTAINS 4 RELAYS 4PDT, SWITCHES FILTER, RESISTORS ETC. ALSO MATTING PLUGS FOR ABOVE UNITS. SIZE: 13 1/2 x 5 x 2; WT: 8 LBS.



\$3.50 BASE ONLY, WITH SCHEMATIC CONNECTOR PLUGS TO FIT BASE ONLY, EACH \$2.50 CONNECTOR PLUGS TO FIT UNITS " " 1.00

AMPLIFIER



RCA MI-22812 LATTICE AND SERVICE CHANNEL ADAPTER PANEL; RACK MOUNTING 19" AMPLIFIER USING 3/6AW8 TUBES, 115 VOLT 60 CYCLE POWER SUPPLY OUTPUT APPROX. 250 VDC @ 120 MA. USING SELENIUM RECTIFIERS. SIZE: 5" DEEP, 5" BEHIND PANEL & 6" IN FRONT. WT: 15 LBS. PRICE: UNUSED \$14.95

AMPLIFIER



RCA RLA-1A TWO CHANNEL AUDIO AMPLIFIER. TWO TRANSFORMER COUPLED INPUTS. EACH CHANNEL USES 2 12AX7 AND ONE 6AQ5. PILOT LIGHT ON-OFF SWITCH. WITH TUBES: 6AX5, 12AX7, 2/6AQ5. 115V 60 CYC. SIZE 7x7x17, WT: 20 LBS. PRICE: USED \$14.95

TUNING UNIT



BC-746 TUNING UNIT; CONTAIN TRANSMITTER & RECEIVER CRYSTALS, ANTENNA COIL, ANTENNA TANK VARIABLE CAPACITOR AND CORE-TUNED REC. R.F COIL HOUSED IN A FIBER CASE WHICH PLUGS INTO THE BC-745 RECEIVER-TRANSMITTER SET THAT THAT COVERS THE FREQ. RANGE OF 2 TO 6 MC. A.M. THE VARIABLE CAPACITOR VAL IN ALL UNITS 6.5 MMF-140MMF THERE ARE 13 DIFFERENT TUNING UNITS AND THERE ARE TWO FT-243 CRYSTALS OF DIFFERENT FREQ.

CHAN. NO.	TRANS. FREQ.	REC. FREQ.	CHAN. NO.	TRANS. FREQ.	REC. FREQ.
1	3010 KC	3465 KC	8	3525	3980
2	3825 "	4280 "	9	3655	4110
3	3995 "	4450 "	10	3735	4190
4	4845 "	5300 "	11	4780	5235
5	5500 "	5955 "	12	5030	5485
6	5880 "	6335 "	13	5305	5700
7	3245 "	3700 "			

SIZE: 4x3x1 1/2; WT: 1LB. \$1.00 EA. EXCEPT 7/8/10 PRICES: CHAN. 8 \$1.50 CHAN. 7&10 \$1.25

DIGITAL DISPLAY



BASKETBALL FOUL INDICATOR

DIGITAL DISPLAY: EACH UNIT WILL SHOW NUMBERS 0 TO 9 ALSO \$ SIGN 3-3/16" HIGH ON 3 1/2 x 4 SCREEN THAT CAN BE SEEN FOR QUITE A DISTANCE. OPERATES FROM 6.3 VAC. CAN BE ADAPTED FOR BASKETBALL FOUL INDICATOR BY PLACING ONE OVER EACH SCOREBOARD AND HAVE A CONTROL PANEL CONSISTING OF 5 SWITCHES AND TRANSFORMER AT THE SCORER'S TABLE. (WIRING DIAGRAM FURNISHED ON REQUEST) CAN ALSO BE ADAPTED FOR USE AS A MOVING READOUT BOARD. SIZE: 3 1/2 x 5 1/2 x 1 1/2; WT: 7 LBS. PRICE: USED \$7.95 EACH 2 FOR \$15.00

SPECIAL TUBES



INFRA-RED IMAGE CONVERTER TUBE PERMITS SEEING IN THE DARK WITH LITTLE OR NO VISIBLE LIGHT. THIS IS ACCOMPLISHED BY MEANS OF INFRA RED RAYS WHICH ARE DIRECTED AT THE OBJECT OR AREA TO BE VIEWED. WITH ASSOCIATED ACCESSORIES THIS TUBE CAN BE UTILIZED TO DO THIS PLUS MANY OTHER EXPERIEMENTS CAN BE TRIED IN OTHER AREAS. (DETAILS OF SNOOPERSCOPE SUPPLIED WITH PURCHASE.) SIZE: 1 1/2 x 1 1/2; WT: 4 OZ. PRICE: \$1.95 EA. 3 FOR \$5.00

PHOTOTUBE: SIMILAR TO VISTRON R-71, 90 VOLTS. WITH LEADS, SIZE 1 1/2 x 2 1/2. \$1.50
 SIMILAR TO VISTRON R-50, 90 VOLTS. WITH LEADS, SIZE 5/8 x 1 1/2. \$1.00
 TYPE 923 4 PIN BASE \$2.25
 TYPE 930 OCTAL " \$2.25
 LIGHT SENSITIVE SWITCH 12 VOLT; AS USED IN MIRROR-MATIC REAR VIEW 35¢ EA. 3 FOR \$1.00
 GEIGER MULLER TUBE 1D-85/2J1-20 \$5.95

SUPER PRO OSCILLATOR



MC-531 CRYSTAL OSCILLATOR KIT FOR BC-779 SUPER PRO. IS DESIGN TO STABILIZE THE OPERATION OF THE RECEIVER UNDER CONDITION OF VARYING LINE VOLTAGE AND CHANGING AMBIENT TEMPERATURE BY MEANS OF A CRYSTAL OSCILLATOR WHICH PROVIDES FOR CRYSTAL CONTROLLED RECEPTION AT ANY ONE OF THREE SIGNAL FREQUENCIES IN THE RANGE 1.5-20 MC. A 6AC7 IS USED IN A PIERCE OSCILLATOR. VOLTAGES REQUIRED; 270VDC AND 6.3VAC. 1 1/2 x 4 1/2 IN PANEL WITH CRYSTAL PHASING CONTROL AND CRYSTAL SELECTOR SWITCH. LESS CRYSTALS, W/ TUBE, 6AC7. SIZE 7x7x3 1/2, WT: 6 LBS. PRICE: REWIND \$5.95

ARP RECEIVER



R-34/APR-2 RECEIVER 90-1000 MEGACYCLES, PROVIDES AUTOMATIC OR MANUAL SCANNING THROUGH THE FREQ. RANGE. ALL SIGNALS WITHIN THE RANGE CAN SIMULTANEOUSLY INDICATED VISUALLY ON THE DIAL AND GRAPHICALLY ON THE 1-3/8" SENSITIZED TAPE: TIME AT WHICH SIGNALS APPEAR IS ALSO RECORDED ON THE TAPE; DURING THE SWEEP CYC. WHICH MAY BE SET AT 1.5 OR 5 RPS. AUTOMATIC SWITCHING FOR LOW AND HIGH ANT. VOLTAGE REQ. 26 VDC & 80-120 V 400 TO 2600 CYC. WITH 18 TUBES, 5 ROLLS OF TAPE AND OPERATING INSTRUCTIONS.
 SIZE: 21x10 1/2 x 8; WT: 50 LBS. UNUSED \$99.50
 MT-171 SHOCKMOUNTING FOR ABOVE RECEIVER \$2.75
 CONNECTOR PLUG ONLY \$1.50 WITH CABLE ... \$2.75

U.H.F. REC-TRANS.

TRANSMITTER-RECEIVER W/S CON NO. 29 "B" SET APPROX 230 TO 245 MC. WITH SELF CONTAINED 12/24 VDC POWER SUPPLY. TWO PRE-SET CHANNELS IN THE FREQ. RANGE. (IDEAL SET FOR LOCAL NETTING. WITH TUBES 4/6AG5 2/6AK6, 2/6C4 & 3/6J6.
 SIZE: 4 1/2 x 8 x 11; WT: 18 LBS. PRICE: USED \$18.95





GENERATOR (ANGLE TRANSMISSION) ROTOR 2 PHASE 24 VOLT, STATOR 2 PHASE 20.6 VOLT 400 CYCLE. PART#BGC-15-DS-10; SIZE 1 1/2x2 1/2 (CLIFTON) \$2.95
 GENERATOR INDUCTION, 24 VOLT 400 CYCLE EASTERN AIR DEVICES#J2GM07-40 \$2.95
 TRANSMISSION GENERATOR MFG. ARMA, TYPE 03TG-400X1, DWG#93054 \$2.95
 AUTOSYN RESOLVERS
 AY221S-3-B 400 CYCLE, ROTOR 2 PHASE 26 VOLT, STATOR 2 PHASE 11.8 V. BENDIX 1.95
 AY-123D BENDIX SAME SPECS AS ABOVE 1.95
 SERVO CONTROL MOTOR MFG. BY OSTER, 115 V. 400 CYCLE NO LOAD SPEED 5000 RPM. TORQUE 1.45 OZ. IN. \$2.95
 RESOLVER MFG. BY CLIFTON PART#BSC-15DS ROTOR 2 PHASE 0.5-16 VOLT, STATOR 0.5-16 VOLT 400 CYCLE. \$2.95
 RESOLVER TRANSMISSION GENERATOR, JOHN OSTER TYPE 15-4042-06, DWG.#C45 \$2.95
 RESOLVER MFG. BY ARMA, TYPE 03X1-400 DWG.#93001 \$2.95
 RESOLVER MFG. BY OSTER TYPE 15-4042-04 \$2.95
 AUTOSYN DIFFERENTIAL
 AY-165-A3 400 CYC, 3PHASE 11.8-3PHASE 1-1 RATIO. BENDIX 1.95
 AY-232S-38 BENDIX SAME SPEC. AS ABOVE 1.95
 AY-231S-38-B " " " " " " 1.95

2JIH1 SELSYN DIFFERENTIAL GENERATOR
 NORMALLY OPERATES FROM 57.5/57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 36 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM ON PAGE 31. SIZE: 2 1/2x4 1/2; WT: 8 OZ.
 PRICE WITH CONNECTOR CAPS..... \$3.95



1-196 SIGNAL GENERATOR 160 TO 220 MC USED TO CHECK LF & HF BANDS OF IFF SETS. DRY BATTERY OPERATION USES ONE 957 ACORN TUBE VARIABLE FREQ. & TONE CONTROL, PILOT LIGHT, ON/OFF SW. ETC. HOUSED IN WOOD CASE WITH CANVAS COVER. SIZE: 8 1/2x8 1/2x14; WT: 10 LBS. REQUIRES 1.5 & 135 VDC. NEW \$2.95

READOUT BOARD, uses 30 1/10 VOLT NEON BULBS WITH 3/16" DISPLAY EACH ONE NUMBERED, SLIDE TYPE CONNECTORS & 30 RESISTORS MOUNTED ON BOARD 5 X 11 INCHES. WT: 1 LB. PRICE: \$1.95 EA. 3 FOR \$5.00

BC-929 INDICATOR OSCILLOSCOPE USED TO DETERMINE RANGE OF NAVIGATIONAL BEACON EQUIPMENT APN-2. HAS VERTICAL, HORIZONTAL, FOCUS, SWEEP AND INTENSITY CONTROLS. ANTENNA SWEEP MOTORIZED COAXIAL SWITCHING FOR SIGNAL DETERMINATION. WITH TUBES 1/3BP1, 2 6H6, 2/6SN7, 1/6G5, 1/6X5 AND 1/2X2. POWER REQUIRED 115 VOLT 400 CYCLE & 24 VDC. SIZE: 10x8x22; WT: 40 LBS. PRICE: USED \$12.95 SCHEMATIC \$1.00

AZIMUTH INDICATOR

1D-260/GRD AZIMUTH INDICATOR CONTAINS THE PHASEMETER WHICH PROVIDES THE BEARING INDICATION, AS WELL AS A NEON LAMP, 2" C.R. TUBE & SPEAKER. THE NEON LAMP & CR TUBE SHOW WHETHER OR NOT A DF SIGNAL IS PRESENT IN THE SYSTEM. HAS 2BP1 OSCILLOSCOPE SYSTEM WITH CONTROLS ON THE FRONT PANEL, 5" AZIMUTH PHASEMETER SELSYN TYPE INDICATOR & 3" SPEAKER. WITH TUBE 1/6AL5, 2/12AU7, 2/6AQ5, 1/12AX7, 2/6AU6, 1/2D21, 2/5Y3 & 1/OA2. OPERATES FROM 115 V. 50/60 CYC RACK MTG. 19x10 1/2x12; WT: 50 LBS. USED \$29.50



RADAR FREQUENCY AMP.



R-9 RADAR FREQUENCY AMP. USED TO INCREASE OUTPUT OF TEST EQUIPMENT IN 2750-2950 MC RANGE. POWER APPROX. 6 WATTS FROM 2040 TUBE. CONTROLS FOR POWER AND FREQUENCY. COMPLETE WITH TUBES 2040, 6AN5, 5687, 12AT7, 2X2, 2/OA2, 0B2, 2/5Y3, 5EP6; SIZE: 10 1/2x17x20. WT: 43 LBS. PRICE: \$19.95



TS-452 SIGNAL GENERATOR 5-100Mc BY THE USE OF PLUG IN COILS, PROVIDES A CONSTANT SINE-WAVE RADIO FREQ. VOLTAGE 60-100 TIMES PER SECOND.

THE TRAVELING DETECTOR PICKS UP THE SIGNAL TO BE TESTED WHICH IS AMPLIFIED AND APPLIED TO THE PLATES OF THE CR TUBE. THE MOST FREQUENTLY USED CONTROLS FOR THE SIGNAL GENERATOR INCLUDING THE OSCILLATOR, WAVEMETER, VERTICAL AMPLIFIER AND NINE STEP ATTENUATOR ARE ON THE FRONT PANEL, ADDITIONAL CONTROLS ARE PROVIDED THROUGH THE DOOR ON THE TOP OF THE CASE. SIZE: 19x9 1/2x16; WT: 60 LBS.

PRICE: USED SERVICEABLE \$75.00

P OR R ELEVATION COMPUTER ASSY; CONSISTS OF TWO SYNCHRO RESOLVER, KETAY#D-13810-1 0-100V 350 CPS, #D-13350-1 0-10 V. 400 CPS, KOLL-SMAN INDUCTION MOTOR#1515J-0430, WE MAGNETIC AMP. GA-52140, FOUR TUBES IN SEALED CIRCUITRY, A&B CONTROLS, TEST JACKS ETC. STR.# 15264 SIZE: 11x7x6; WT: 12 LBS. PRICE: USED \$6.95



SELSYN SYNCHRO TRANSFORMER #78386 TYPE XV, 115 VOLT 60 CYCLE, SIZE 5 1/2 x 3 1/2, SHAFT 1 1/2x 1/2; 5 LBS. UNUSED \$5.95

SYNCHRONOUS TRANSMITTER TYPE VIII 50 VOLT 50 CYCLE 1 PHASE, SIZE 5 1/2 x 3 1/2, SHAFT 1 1/2x 1/2 WITH ADAPTER. 6 LBS. PART #5578411 PRICE: NEW \$8.95

RECEIVER TORQUE SYNCHRO 23TR4 115/90 VAC 400 CYCLE, TWO UNITS MOUNTED ON FRAME WITH NUMBERED DIALS 0-100 & 0-1000, SYNCHRO SIZE 4x2x2 PRICE USED \$15.00 PR



23TR4 RECEIVER 115/90 V. 400 CYC. USED \$7.95
 23TX4 TRANSMIT 115 V. 400 " " 7.95
 23CT4 CON. TRANS. 115 V. 400 " " 7.95
 23RS4A RESOLVER 90/90 V. 400 " " 7.95

23CX6 TRANSMIT 115/90 V. 60 CYC. NEW 10.00
 23CX6 " " " " " " USED 7.00
 23CT6 TRANSFOR 90/1V PER DEG 60CY " 7.00
 23TR6 RECEIVER 115 V. 60 CYC. " 15.00

DAYSTROM TRANSICOIL CONTROL MOTOR 115 VOLT 60 CYCLE, 1 PHASE, 2 PHASE 200 VOLT CT., 3200 RPM. SIZE 2 1/2 x 2, SHAFT SIZE 1/16 x 1/2 WITH GEAR. (REMOVED FROM NEW EQUIP.) PRICE: \$5.00

SYNCHROSCOPE



OS-29/UPM-4A PRECISION SYNCHROSCOPE EMPLOYING A THREE INCH CATHODE RAY TUBE. THE SWEEP OF THE CATHODE RAY TUBE CAN BE TRIGGERED EXTERNALLY OR INTERNALLY AND CAN BE DELAYED WITH EITHER TRIGGER. THE SWEEP DURATION AND, WHEN INTERNALLY TRIGGERED, THE SWEEP FREQUENCY CAN BE CONTROLLED. THE INPUT SENSITIVITY OF THE VIDEO AMPLIFIER CAN BE VARIED IN SIX STEPS FROM 0.2 TO 20 VOLTS PER INCH OF VERTICAL DEFLECTION. THE UNIT CONTAINS HIGH VOLTAGE POWER SUPPLY, BUT REQUIRES THE FOLLOWING VOLTAGES FOR OPERATION 300V, -27V, 425V, 105V. NORMALLY SUPPLIED BY POWER SUPPLY PP-802/UPM-4A, NOT AVAILABLE. SIZE: 22x19x10. WT: 50 LBS. OS-29/UPM-4A ONLY. RENEW. \$39.50



BC-966 RECEIVER-TRANSMITTER 160 TO 211 MC. CODED SIGNAL FOR IFF FRIEND OR FOE IDENTIFICATION IN AIRCRAFT. WITH 13 TUBES 3/6H6, 3/7193, 7/6SH7, RELAYS, VOLTAGE REGULATOR, RESISTORS, CONDENSERS ETC. LESS DYNAMOTOR. SIZE: 12x13x9; WT: 43 LBS. USED \$4.95

AUDIO AMPLIFIER 3 CHANNEL USED WITH WIRE RECORDER BC-1323. HAS 7 OUNCE TRANSFORMERS, 10/9001, MOUNTED ON CHASSIS 10x5 1/2x5 W/CONDENSER RESISTORS ETC. WT: 8 LBS. #1323A/A RE-MOVED \$4.95



SYNCHRO SELSYNS



SYNCHRO GENERATOR SPERRY PT#R5663642 MFG. BY BENDIX FOR IBM. SIMILAR TO BENDIX. OPERATES FROM 26 VOLTS 400 CYCLE SINGLE PHASE WHEN USED IN CONJUNCTION WITH BENDIX #AY-201 SYNCHRO CONTROL TRANSFORMERS IT WILL OPERATE UP TO 20 UNITS. WILL ALSO OPERATE FROM 6 VOLT 60 CY. WITH A SLIGHT LOSS. SIZE: 2 1/2x2 1/2; SHAFT 1/16x 1/2; WT: 12 OZ. PRICE: NEW \$2.95 2 FOR \$5.00

AY-201 SYNCHRO CONTROL TRANSFORMER MFG. BY BENDIX, KETAY, CLIFTON ETC ROTOR 1 PHASE 26 V 400 CYC. STATOR 3 PHASE 11.8 V. SIZE: 1 1/2x1 1/2, SHAFT 1/16; WT: 3 OZ. PRICE: RE-MOVED FROM EQUIP. \$1.95 EA.



KEARFOOT R-200 SYNCHRO CONTROL TRANSFORMER. ROTOR 26 VOLT 1 PHASE 400 CYCLE, STATOR 11.8 VOLT 3 PHASE. SIZE: 1x1-3/4, SHAFT 1/16 x 1/2; WT: 3 OZ. CONDITION REMOVED FROM EQUIPMENT. PRICE: \$2.95 EACH
 KEARFOOT SYNCHRO RESOLVER R-235, ROTOR 2 PHASE 26 VOLTS, STATOR 2 PHASE 11.8 VOLTS 400 CYCLE. SIZE: 1x1-3/4; SHAFT 1/16x 1/2; 3oz. REMOVED FROM EQUIPMENT. PRICE: \$2.95



SELSYN CONTROL TRANSFORMER #2J1G1, 57.5-57.5 V 400 CYCLE (WILL OPERATE FROM 36 V 60 CY SEE WIRING DIAGRAM NEXT PAGE) SIZE: 2 1/2x4 1/2; WT: 1 LBS. USED PRICE WITH CAPS \$3.95

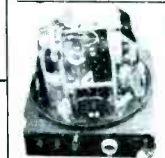
INDICATOR



ML-117 INDICATOR, WIND DIRECTION AND SPEED. UNLIMITED WIND SPEED RANGE INDICATED BY ONE LIGHT, 0-360 DEG. WIND DIRECTION RANGE INDICATED BY 8 LIGHTS, FLASHING LIGHTS OR BUZZER INDICATORS, INTERRUPTER CURRENT ACTUATED, 110 V 60CY OR 6.8 VDC. (THIS IS ONLY THE INDICATOR, REQUIRES OTHER PARTS FOR OPERATION) FREIZ ITEM #18-1475. SIZE: 9x4; WT: 24 LBS. PRICE: RE-NEW \$12.95



GENERAL ELECTRIC SELSYN CONTROL TRANSFORMER MODEL NO. 2J15N1 57.5-57.5 VOLTS 400 CYCLE. SIZE: 2x2x2; 1 LB. NEW \$4.95



MD-58/APS-3 MODULATOR FOR SUPPLYING POWER TO RT-10/APS-3 TRANSMITTER CONVERTER IN PULSED FORM TWO MICROSECOND 350 CYC. ONE MICRO-SEC. 700 CYC. WHICH IS RECEIVED FROM THE RECEIVER-AMPLIFIER OPERATES FROM 115 V. 400 CYCLE. W/TUBES 3/3B24, 1/3B26, 1/829B & 1/715. SIZE: 17x15x17 1/2; WT: 95LB. USED \$50.
 R-18/APS-3 RECEIVER-AMPLIFIER USED \$39.50
 PP-12/APS-3 RECTIFIER " 29.50
 C-20/APS-3 AZIMUTH CALIBRATOR " 5.95
 MX-10/APS-3 DUMMY INDICATOR " 3.95



MD-16/TPS-3 MODULATOR, RADAR TYPE P-3E EMISSION, RESONANT CHARGING SYSTEM THRU TYPE E LINE THAT IS DISCHARGED THROUGH SPARK GAP & PULSE TRANSFORMER, 500 OHM INPUT, 8 KV OUTPUT, 200 PULSES PER SEC., 1.2 SEC. DURATION. WITH TUBES 2/705 & 1/1B32-532. OPERATING VOLTAGE 115 V. 400 CYC. SIZE: 12x14x11; 125 LB. PRICE: RE-NEW \$16.95



1-82A 5" INDICATOR



1-81A 3" INDICATOR

1-82A INDICATOR 5" ILLUSTRATED TO LEFT ABOVE 0-360 DEGREE SCALE CONTAINS A MATCHING AUTOSYN MOTOR TO BE USED WITH THE LP-21LM LOOP. OPERATES FROM 26 V 400 CYC. (60CYC SEE BELOW)
 1-81A INDICATOR 3" ILLUSTRATED TO RIGHT ABOVE 0-36 DEGREE SCALE CONTAINS A MATCHING AUTOSYN THAT WAS USED WITH THE LP-21LM LOOP. OPERATES FROM 26V 400 CYC. (60 CYC. SEE BELOW)
 1-82A INDICATOR 5" USED \$7.95
 1-81A INDICATOR 3" USED \$3.95 RENEW \$4.95
 PL-118 CONNECTOR PLUG FOR INDICATORS 2.50EA

INSULATORS



STAND-OFF
 STK#TM-1016SO; DIA. 1 1/2", 4" LONG, 1/2-20 THREAD, 3/8" MTG. 2 LB. PRICE: \$3.50
 STK.#3G1300-8002; DIA. 1 1/2" LONG, 1/2-20 THREAD, 3/8" OP. 2 1/2" DEEP. 1 LB. \$2.50

STK.#3G1300-128; 1 1/2" DIA, 8" LONG, 1/2-20 THREAD, 3/8" OP. 2 1/2" IN. MTG. 1 1/2 LB. \$3.50

STK.#INS.1014; FEED-THRU 4" LONG 1/2" HOLE, 7/8 DIA. WITH NECK. PRICE: 25¢

STK.#3G2001-6; FEED-THRU 6" IN. 1/2" HOLE, 9/16 DIA. NO NECK. PRICE: 35¢

STK.#INS.#1015; FEED-THRU BRASS BOLT 6 1/2" LONG X 1/2" W/NUTS, SPLIT INSULATOR FOR 1/2" THICK MOUNTING WITH CORK WASHERS, OVERALL LGTH 3 1/2 X 2, WT: 2LB. \$2.50

STK.#3G584 IN-84 FEED-THRU CONICAL SHAPE, 5" LG. O/A; 2 CONICAL SHAPED 1-1/8 LG. X 1 1/2 DIA. AT BOTTOM, 1" AT TOP, 1/4" DIA. ROD WITH 1/4 20 THREAD WITH NUTS/WASHERS 1 LB. 25¢ EA. 5 FOR \$1.00

SIMILAR TO ABOVE CONICAL BOTTOM INS. 3/4 X 3/4 X 1 1/2; TOP 1/2 X 1-1/8 X 1 1/2; 3/16 BOLT 3" LG W/NUTS & WASHERS. 1/4 LB. 35¢ EA. 3 FOR \$1.00
 STK#IN-1017



3G138-20.11 RIDGED CONICAL 2" BASE, 1/2" TOP, 1 1/2" LONG, PUSH SPRING TYPE BINDING POST ON TOP, WHICH CAN BE REMOVED AND BOLT INSERTED. 1/2 LB. 35¢ 3 FOR \$1.00

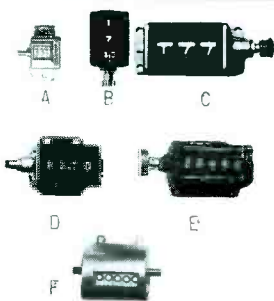
STK.#IN-1018 CONE INSULATOR SIZE 1x2x5/8, 10/32 SCREWS EA. END. 1 LB. 35¢ EA. 3 FOR \$1.00

STK.#CBJ61023 ENTERING INSULATOR, CERAMIC 2 1/2 X 2, CADMIUM PLATED MOUNTING RING 3 1/2" WITH 6 MOUNTING HOLES, GASKET, 4" 1/4-20 THREAD BRASS BOLT WITH NUTS. 1/2 LB. 39¢ EACH 3 FOR \$1.00

STK.#IN-1019 STRAIN INSULATOR BR SIZE 4x2x2 1/2; 1/2" STRAIN HOLDS OPPOSITE POSITION. WT: 1 LB. 39¢ EACH 3 FOR \$1.00

ART-13 TRANSMITTER ANTENNA INSULATOR PANEL; 1 EA. 3 1/2 X 4 OBLONG WITH 2 ISOATED SPRING TYPE BINDING POST, 1/2" X 1/2" CONICAL INS. WITH PUSH POST AND ONE 1/2 X 3/4 INS. W/ PUSH TYPE BINDING POST. 1 LB. COMPLETE ASSY. \$1.00

COUNTERS



A. 3 DIGIT COUNTER. 1/8" SHAFT. EACH NUMERAL 1/8 IN. SIZE: 1 1/2 X 1 1/2 X 2. STK#CBSH334 \$.75

B. 3 DIGIT COUNTER. FOR VERTICAL MOUNTING. 3/8 IN. GEAR ON SHAFT. EACH NUMERAL 1/8". 1 1/2 X 1 1/2 X 1-1/8 STK#CBSH173 \$.79

C. 3 DIGIT COUNTER WITH BEVELED GEAR 2 1/2 X 1 1/2 X 1 1/2. NUMERALS 1 1/2 X 1/2 IN. STK#CBSH177 \$1.00

D. 3 DIGIT COUNTER W/DIGITS 10THS, ONES, TENS. 100 THS DIGIT REMAINS 0. 1/8 IN. NUMERALS. 2 1/2 X 1 1/2 X 1 1/2 STK#CBSH9030 \$.75

E. 4 DIGIT COUNTER W/MOVEABLE DIGITS 10'S, 100'S, 1000'S, 10,000'S. ONES DIGIT REMAINS 0. 1/8" IN. NUMERALS. 2 1/2 X 1 1/2 X 1 1/2 STK#CBSH2867 \$1.25

F. 5 DIGIT COUNTER W/3/16 IN SHAFT EXTENDING 1/2" AT EACH END. 99999-0 DESCENDING ONLY. 1/8" IN. NUMERALS. 1 1/2 X 1 1/2 X 1 1/2 STK#CBSH00000 \$1.00

THREE DIGIT COUNTER, GEAR ON END OF 1/4 IN. SHAFT. 3x1 1/2 X 1 1/2; 1 LB. #R1X-D \$1.00

THREE DIGIT COUNTER OPEN TYPE, BEVEL GEAR STK.#773 \$.50

TELEPHONE JACK STRIPS

#4C4426-14 TWENTY JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J-2. KELLOG #261 \$2.50
 #4C4322-25 TEN JACKS 3 CONDUCTOR, CONTACT ARRANGEMENT J-2-1A; \$1.95

#4C4426.11 TWENTY JACKS 3 CONDUCTOR, CONTACT ARRANGEMENT J-2, NUMBERED 0-19 \$2.50

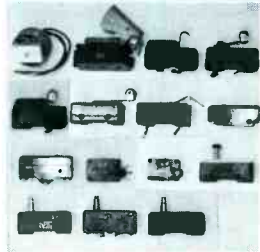
#4C4436.92-2 TWENTY JACKS 3 CONDUCTOR, CONTACT ARRANGEMENT J2, NUMBERED 20-39. KELLOG #369 \$2.50

#4C4692.2 TEN JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J2 WECO #92 TYPE139 \$1.95

3G1830-67076 ENTERING INSULATOR, BOWL 4-3/8" HIGH, 6-15/16 AT BASE, 1 1/2" ROD 3/8 BRASS WITH NUTS, MOUNTING RING 3 SEC. 8-3/4" DIA. W/ 6- HALF INCH NUTS & BOLTS 2 1/2" LG., BELL CAP 6" DIA. 10 LBS. \$5 EA. 3 FOR \$12.00



MICRO SWITCHES



SPDT; IEA2, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER. 1 1/2" DIA. 1 3/8" HIGH. .30

DPST; 40B10094, NORMALLY OPEN. LARGE, SPRING-LOADED LEVER PLUNGER. 2 1/2" X 1 1/2" X 1 1/2". .60

SPST; WHBT349A-1, NORMALLY OPEN. LEVER PLUNGER. 2" X 1" X 5/8". .30

SPDT; WHBA31-1, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. ROLLER PLUNGER. 2" X 1" X 5/8". .70

SPDT; WHBA115-1, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. ROLLER PLUNGER. 2" X 1" X 5/8". .70

DPDT; MS25008, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. EXTENDED BUTTON PLUNGER. 2 1/2" X 2" X 1" \$1.50

SPDT; YZ-3RLTC2, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. STRAIGHT LEVER PLUNGER. 2" X 7/8" X 1 1/2" X 1 1/2". .25

SPST; WZ-RTC2, NORMALLY CLOSED. PIN PLUNGER. 2" X 1/2" X 1/2". .35

SPDT; BZ-3R-A2, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER. 2" X 1" X 1/2". .30

SPDT; 2MD3-1A, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER. 1 1/2 X 5/8 X 1 1/2". .45

SPST; 2MC3-1A, NORMALLY CLOSED. PIN PLUNGER. 1 1/2 X 5/8 X 1 1/2". .45

SPST; SW-186, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2" X 1/2" X 5/8". .25

SPST; G-RS, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2" X 1/2" X 5/8". .40

SPST; M07-102T, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2" X 1/2" X 5/8". .40

SPST; WZ-RS9, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2" X 1/2" X 5/8". .40

SWITCH SW-223; DPDT HEAVY DUTY 1" SQ. X 2 1/2" STAND OFFS. 8X4X3; 5 LB #3ZK8223 \$2.50

SWITCH SW-224; SIMILAR TO THE ABOVE SWITCH, BUT SPST. 8X4X2; 2 LBS. 2Z8224 \$1.50

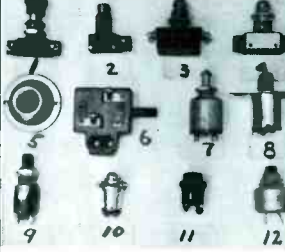
DPST PORCELAIN KNIFE SWITCH BY RODALE 123. 2 1/2" X 1 1/2" X 1 1/2". KNSW04 .35

SPST KNIFE SWITCH, BASE 1 1/2" LONG. 1/2" HIGH. BAKELITE. KNSW01 .25

SPST KNIFE SWITCH, BASE 1 1/2" LONG. 1/2" HIGH. BAKELITE. KNSW02 .35

DPST KNIFE SWITCH, BASE 1 1/2" LONG. 1/2" HIGH. BAKELITE. KNSW03 .35

PUSH SWITCHES



ONESIDE SPST NORMALLY OPEN, THE OTHER SPST CLOSED. 1A/125. PSW001 .35

SPST NORMALLY OPEN; 3A/250. PSW002 .35

DPST NORMALLY OPEN; 3A/250. PSW003 .35

DPST NORMALLY OPEN; 1A/250. PSW004 .35

SPST GOLD-FINISHED DOORBELL NORMALLY OPEN; 1 5/8" DIA. HARDWARE INCLUDED. PSW005 .35

JPST INTERLOCK, NORMALLY OPEN. (3Z9825/254) PSW006 .35

SPST PULL SWITCH, NORMALLY OPEN. PSW007 .35

SPST NORMALLY CLOSED; CAS-1 ING AS GROUND; 1/2" SCREWS REQUIRED FOR MOUNT. PSW008 .35

SPST NORMALLY OPEN; .75/125 PSW009 .35

SPST NORMALLY OPEN. PSW010 .35

SPST NORMALLY OPEN. PUSH-IN MOUNT REQUIRES 5/8" HOLE. PSW011 .25

SPST NORMALLY OPEN. 3NC5-5P PSW012 .25

DPDT PUSH-LEVER SWITCH. PSW013 .50

DPST PUSH-LEVER SWITCH. NORMALLY OPEN. PSW014 .50

DPST NORMALLY OPEN. PSW015 .50

SIX-PUSH SWITCH; DPST NORMALLY OPEN. 4 1/2" X 5 1/2". PSW016 \$1.00

SIX-PUSH SWITCH; FIVE ARE SPST NORMALLY OPEN, THE OTHER DPST AND DPDT ON THE OPPOSITE SIDE. 4 1/2" X 5 1/2". PSW017 \$1.00

SPST PUSH-LEVER SWITCH. 3 5/8" X 1 1/2" X 1 1/2". PSW022 .35

SPST NORMALLY CLOSED MICROPHONE SWITCH. COVER AS GROUND, WITH MOUNT. PSW019 .75

SPST NORMALLY OPEN START-STOP DOUBLE SWITCH. #401. PSW020 \$1.00

4PST NORMALLY OPEN SA-26/U MICROPHONE SWITCH. 1 1/2" DIA. PSW021 \$1.00

SWITCHES



AIRCRAFT TYPE SWITCH TWO HOLE MOUNTING FIG. #1

CIR CON RATING NO PR
 SPST NEW 5A/125 B-5A .25
 SPDT NEW 15/125 B-9-A .35

(ABOVE SW. CENTER-OFF)
 SPDT NEW 15/125 3022-7 .35

(ABOVE SW. CENT-OFF MOM. B.S)
 SPDT NEW 15/125 B-1B .30
 DPST REM 30/125 C-1 .40

DPDT NEW 20/125 3023-10 .55
 DPDT NEW 30/125 C-3 .75

(ABOVE SW. MOM. BOTH SIDES, CENTER-OFF)
 DPDT NEW 5A/125 SW5125 .65

(ABOVE SW. CENTER-OFF; HOLE MOUNTING 3/4" DIA.)
 3PST NEW 15/125 SW3115 1.25

(ABOVE SW. MOUNTED ON "ON-OFF" PLATE 2" X 2 7/8"; FOUR 1/8" SCREWS REQUIRED)
 DPDT REM 15/125 ST52P .50

(ABOVE SW. CENTER-OFF; IRON CASE MOUNT FOR LINEAR OPERATION 2 1/2" X 1 1/2" X 1 1/2")
 DPDT NEW 15/125 BARKELEW \$2.50

(ABOVE SW. MEASURES 5" X 6" X 1 1/2"; FOUR SCREW MOUNTS FOR 1/8" SCREWS)

TOGGLE SWITCHES SINGLE HOLE MOUNTINGS: CONDITION NEW & "REM" RE-MOVED FROM EQUIPMENT, ALL GUARANTEED.

CIR CON RATING NO PR
 SPST REM 6A/125 SW-105 .20

SPDT REM 15/125 ST42G .40
 (CENTER-OFF MOM. BOTH SIDES)
 DPST NEW 10/250 8829K4 .50

(ABOVE SW. MOMENTARY)
 DPST NEW 3A/125 CH7590 .35
 DPST REM 15/125 ST50-K .45

DPST REM 5A/125 8822K1 .35
 DPST REM 10/250 CH3545 .40
 DPST REM 3A/125 SW3125 .20

DPDT REM 6A/125 SW6125 .30
 DPDT REM 5A/125 ST22R .35
 DPDT REM 15/125 ST52P .40

(CENTER OFF)
 DPDT REM 15/125 ST52N .35
 3PST NEW 15/125 SW3115 1.00
 3PST REM 10/250 ZA0494 1.00
 4PST REM 10/125 7661K5 1.00

LEVER SWITCHES

1273 #K-22 #K-1100 RM57416
 TELEPHONE TYPE LEVER SWITCH

ONE SIDE: MAKE 11; BREAK 1
 OTHER SIDE: MAKE 6
 #5930-392-1273 \$.40

MAKE 2, BREAK 2, ONE SIDE ONLY. #K-22 30¢

1 SIDE, 2 MAKE SPST; OTHER SIDE DPDT. SW-155/EE-2. 35¢

6PST. #329580-6.11 75¢
 TCK#405 SPST EACH @10¢ 30¢
 TCK#404 GE#P7763503-2 50¢
 1 SIDE DPDT NC & DPST NO.

PUSH-TO-TEST



PUSH-TO-TEST INDICATORS. DOUBLE LAMP HOLDERS WITH MINIATURE BAYONET BASE. 2 1/2" x 1 1/2" x 1 1/2". KORRY ST-260 SCREW TERMINALS OR TYPE 260 WITH SOLDER TERMINALS. AVAILABLE WITH THE FOLLOWING INSCRIPTIONS:
 POWER - AIR CONDITIONING-IGNITER - POWER SUPPLIES-ERECTOR - 100% LIQ OXY
 PRICE: \$2.00EA

PUSH-TO-TEST INDICATOR WITH MINIATURE BAYONET SINGLE LAMP HOLDER. 2 1/2" x 1 1/2" x 1 1/2". KORRY ST-36 SCREW TERMINALS OR TYPE 136 WITH SOLDER TERMINALS. AVAILABLE WITH THE FOLLOWING INSCRIPTIONS:

LOW - OVERLOAD - MALF. - POWER ON
 PRICE: \$1.25EA

PUSH-TO-TEST INDICATOR WITH MINIATURE SCREW BASE. RED 7/16" DIA. SMOOTH JEWEL. 3/8" TO 1/2" SURFACE CLEARANCE. REQUIRES 1/8" HOLE TO MOUNT. 1 5/8" LONG. USED. JM-500-2 \$.59EA

PUSH-TO-TEST INDICATOR WITH MINIATURE SCREW BASE. 3/8" DIA. CARAMEL-COLOR COVER. 3/8" TO 1/2" SURFACE CLEARANCE. REQUIRES 11/16" HOLE TO MOUNT. 1 5/16" LONG. NEW. 5210-617-0946 \$.59EA

PUSH-TO-TEST INDICATOR WITH MINIATURE BAYONET DOUBLE LAMP HOLDER. 2 5/8" x 1 1/2" x 1 1/2". 1 5/8" WITHOUT LAMP COVER. COVERS NOT AVAILABLE. NEW. KORRY TYPE 261 WITH SOLDER TERMINALS

PRICE: \$1.00EA
 INDICATOR LIGHT WITH MINIATURE BAYONET DOUBLE LAMP HOLDER. 2 1/2" x 1 1/2" x 1 1/2". INSCRIBED WITH "CHECK FULL RPM" OR A BLANK. NEW. KORRY TYPE 204 SOLDER TERMINALS. PRICE: \$.75



BULLS EYE PILOT LIGHTS

DULL FINISHED BRASS, BAYONET BASE, AND 0" TO 1/2" SURFACE CLEARANCE. ALL USED. LESS BULBS. PRICE: \$.39EA

A. 226125-22 RED-RIBBED 1" JEWEL. CANDELABRA, DOUBLE CONTACT BASE. 2 3/4" x 1 1/2"

B. PIL001. 7/16" CLEAR JEWEL. SINGLE CONTACT MINIATURE BASE. 2 1/8" x 7/8"

C. LH50BR4. 11/16" DIA. RED JEWEL. SINGLE CONTACT MINIATURE BASE. 2 1/8" x 7/8"

D. LH62BY2. 3/8" DIA. AMBER JEWEL. SINGLE CONTACT MINIATURE BASE. 2 1/4" x 1"



PILOT LIGHT JEWELS

RED, FACETED, 3/8" DIA. JEWEL. SCREWS INTO 11/16" DIA. HOLE OF DESIRED ASSEMBLY. TYPE 81 \$.15 EA.

SMOOTH RED JEWEL 3/8" IN DIAMETER. SCREWS INTO A 3/8" ASSEMBLY. SERIES F \$.15 EA

LARGE 5/8" FACETED AMBER JEWEL. SLIPS OVER BRACKET 7/8" IN DIAMETER. HAS ALSO MOUNTING HOLES FOR 3/32" SCREWS. 225368/1 \$.15 EA

3/8" DIA. WHITE SLIP-IN LAMP CAPS FOR SWITCHBOARDS. (NOT PICTURED) SLIPS INTO 3/8" HOLE. 4C1971 \$.15 EA 100/\$10

SUB-MINIATURE PILOT ASSEMBLY. 5/16" AMBER FACETED JEWEL FIT INTO BRACKET WITH AN OPENING OF 5/16". REQUIRES DOUBLE TERMINAL PLUG-IN OR SOLDER-IN NEON LAMPS. 1" LONG AND 1" HIGH. PIL010 \$.15 EA 8/\$1.00



SUB-MINIATURE NEON PILOT LIGHT ASSEMBLY. FLUTED 5/16" DIA. CLEAR JEWEL. BASE IS FEMALE PART FOR A THREE PRONG PLUG WITH 1/16" DIA. HOLES IN ISOSCELES TRIANGLE PATTERN. MOUNTS IN 3/8" HOLE. 0" TO 3/8" SURFACE CLEARANCE. 1 3/8" LONG. INCLUDES BULB. USED. 110V. PIL007 \$.25 5/\$1.00

SINGLE TERMINAL AND CONTACT SUB-MINIATURE DIMMER PILOT LIGHT. MECHANICAL DIMMER VARIES SIZE TO COMPLETE DARKNESS. REQUIRES T-1 1/2 BULB. 5/16" DIA. SMOOTH RED JEWEL. MOUNTS IN 7/16" HOLE. 1 3/8" LONG. LESS BULB. NEW. 6210-643-4087 \$.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. CLEAR STOVEPIPE, SMOOTH 5/8" DIA. JEWEL. MOUNTS IN 11/16" HOLE. SURFACE CLEARANCE IS 0" TO 3/8 2 1/8" LONG. LESS BULB. USED. PIL008 \$.39

ALL PLASTIC PILOT LIGHT. SINGLE CONTACT, MINIATURE SCREW TYPE BASE. RED FLUTED, COVER-LIKE JEWEL 3/8" IN DIAMETER. NEEDS 3/8" HOLE. SURFACE CLEARANCE OF 0" TO 3/8". THERE IS NO ADJUSTING INSTALLATION DEPTH BY A NUT TWO 3/32" SCREWS ARE NEEDED TO ANCHOR LIGHT. 1 1/2" LONG. LESS BULB. USED. PIL009 \$.39



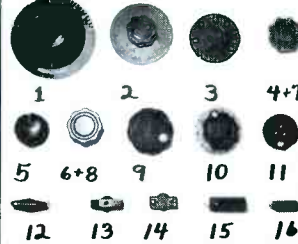
PILOT LIGHT WITH A SINGLE CONTACT, CANDELABRA SCREW BASE. LARGE 1" DIA. RED JEWEL FACETED ONLY AT THE EDGE. REQUIRES 1" HOLE AND HAS SURFACE CLEARANCE OF 0" TO 1/2". 2 3/8" LONG. LESS BULB. UNUSED. PIL002 \$.59

PILOT LIGHT WITH SINGLE CONTACT, CANDELABRA SCREW TYPE BASE. 1" DIA. RED-FACETED JEWEL. MOUNTS IN 1" HOLE WITH SURFACE CLEARANCE OF 0" TO 1/2". 2 1/2" LONG LESS BULB, UNUSED. PIL003 \$.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. 3/8" DIA. SMOOTH, GREEN JEWEL. MOUNTS IN 5/8" HOLE WITH A SURFACE CLEARANCE OF 0" TO 1/2". 2 1/16" LONG. LESS BULB, UNUSED. PIL004 \$.49

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. 1" DIA. RED, WHITE, OR VIOLET JEWEL. 1 5/16" HOLE REQUIRED; SURFACE CLEARANCE 0" TO 5/8". 2 1/2" LONG. LESS BULB, USED. PIL012 \$.35 3/\$1.00

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. 1" DIA. SMOOTH, GREEN JEWEL. MOUNTS IN 1 5/16" HOLE WITH A SURFACE CLEARANCE OF 0" TO 1/2". 2 3/8" LONG. LESS BULB, UNUSED. PIL013 \$.49



FLUTED KNOBS

3" FLUTED KNOB WITH SKIRT AND 4" CALIBRATED DIAL (REMOVABLE) 0.5-7.0, 150 DEGREE BRASS INSERT FOR 3/4" SHAFT. KNBNO01 EA \$.55, 2FOR \$1.00

1 1/2" DIA. FLUTED KNOB WITH REMOVABLE 3" DIAL WITH MARKING 34L-C-34R. BRASS INSERT FOR 3/16" DIA. SHAFT. KNBNO02 \$.25

1" DIA. FLUTED KNOB WITH 2 1/2" NON-LINEAR CALIBRATED DIAL. BRASS INSERT WITH 1/4" DIA. HOLE. KNBNO03 \$.25

1 1/2" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR 1/2" SHAFT. KNBNO04 EA \$.25, 5/\$1.00

1 1/2" DIA. FLUTED KNOB WITH SKIRT AND POINTER. BRASS INSERT FOR 1/2" SHAFT. KNBNO05 \$.25

1 1/2" FLUTED KNOB WITH BRASS INSERT FOR 1/2" SHAFT. KNBNO06 \$.25

1" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR 1/4" SHAFT. KNBNO07 \$.25

1" DIA. FLUTED KNOB WITH BRASS INSERT FOR 1/4" SHAFT. KNBNO08 \$.25

ALL THE ABOVE KNOBS ARE OF SET SCREW TYPE.

SPIN KNOBS

2" DIA. METAL FLUTED SPIN KNOB FOR 5/32" SHAFT. KNBNO09 \$.79

1 1/2" DIA. FLUTED SPIN KNOB WITH CALIBRATED 2 1/2" DIAL, 0-100 IN 360. METAL INSERT FOR 3/8" SHAFT. KNBNO10 \$.59

METAL SPIN KNOB 1 5/8" DIA. TO BE ATTACHED TO ANOTHER KNOB OR DISK BY THREE SCREWS. CONVERTS KNOB TO SPIN KNOB. KNBNO11 \$.20

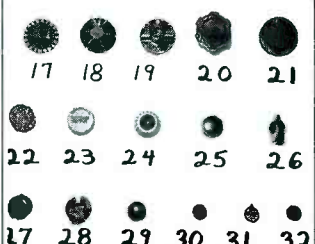
MINIATURE KNOBS

PLASTIC PUSH-ON TYPE KNOB 3/8" DIA. x 3/8" HIGH. FITS 3/8" SHAFT, WITH MODIFICATION. KNBNO29 4/\$.25

METAL KNOB 5/8" DIA. x 1/2" HIGH FITS 1/8" SHAFT. TWO SET SCREWS. KNBNO30 4/\$.15

BAKELITE KNOB WITH POINTER 5/8" DIA. x 3/8" THICK. FOR 1/2" SHAFT. SET SCREW. KNBNO31 2/\$.25

5/8" DIA. BAKELITE KNOB 3/8" THICK FOR 1/2" SHAFT. SET SCREW TYPE. KNBNO32 2/\$.25



BAR TYPE KNOBS

BAR TYPE BAKELITE KNOB FOR 1/2" SHAFT. 3/4" x 3/4" x 5/8". SET SCREW TYPE. KNBNO12 \$.25

BAR TYPE BAKELITE KNOB FOR 1/2" SHAFT WHICH MUST BE TAPED FOR SET SCREW. 1 1/2" x 5/8" x 5/8". KNBNO13 \$.25

RECTANGULAR BAR TYPE BAKELITE KNOB 1 1/2" x 1/2" x 5/8". WITH BRASS INSERT FOR 1/2" SHAFT. SET SCREW TYPE. KNBNO14 \$.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR 1/2" SHAFT TAPED FOR SET SCREW. 2" x 1/2" x 1/2". KNBNO15 2/\$.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR 1/8" SHAFT TAPED FOR SET SCREW. 1 1/2" x 5/8" x 1/2". KNBNO16 \$.25

BAKELITE BAR TYPE KNOB 1" x 1/2" x 1/2" ON 1/2" REMOVABLE DIAL FOR 1/2" SHAFT. SET SCREW. KNBNO17 \$.25

1 1/2" DIA. METAL KNOB FOR 3/8" SHAFT WITH TWO SET SCREWS. FINGER GRIP KNOB FOR HEAVY SWITCHING APPLICATIONS. KNBNO18 2/\$.35

1 1/2" DIA. PLASTIC KNOB WITH BRASS INSERT. BAR TYPE FINGER GRIP FOR SWITCHING. USE WITH 1/2" SHAFT. KNBNO19 \$.25

1 1/2" BAKELITE KNOB FOR USE WITH 1/2" SHAFT. USED FOR APPLICATIONS WHERE EXTRA GRIP IS REQUIRED. 1 1/2" HIGH. KNBNO20 \$.25EA. 5/\$1.00

1 1/2" BAKELITE KNOB W/BRASS INSERT FOR 5/16" SHAFT. RIBBED EDGES FOR BETTER GRIP. KNBNO21 \$.15

BAKELITE INSTRUMENT KNOB 1" DIA. 1" HIGH. BRASS INSERT FOR 1/2" SHAFT AND SET SCREW. KNBNO22 \$.25

1 1/2" KNOB MARKED "INCREASED OUTPUT" 1 1/2" HOLE WITH SET SCREW. 3/8" THICK. METAL. KNBNO23 \$.25

1 1/2" PUSH-ON KNOB FOR 1/2" SHAFT, W/MODIFICATION, BROWN KNBNO24 2/\$.25

BROWN BAKELITE 1" DIA. KNOB KNURLED SHAFT OF 1/4". 3/8" HIGH. KNBNO25 2/\$.25

BAKELITE POINTER KNOB WITH BRASS INSERT FOR 1/2" SHAFT. 1 1/2" x 1" x 1/2". KNBNO26 \$.25

FLUTED KNOB W/POINTER AND SKIRT FITS 1/2" SHAFT. 1 1/8" DIA. 3/8" THICK. KNBNO27 \$.25

1 1/2" DIA. KNOTCHED KNOB WITH BRASS INSERT FITS 1/2" SHAFT. SET SCREW TYPE. 3/8" HIGH. KNBNO28 3/\$.25

MINIATURE LAMPS

STK#	TYPE	V.	A.	EASE	BULB	EA.	PKG.	10
225950	LM-50	2	.25	min sc	G-6	.20		.75
225950	511	2	.25	min sc	G-6	.20		.75
	46	6-8	.25	min sc	T-3 1/2	.15		.65
6240-155	48	2	.05	min sc	T-3 1/2	.20		.75
	-7955							
	PC-90615C	12	volt	min sc	G-3 1/2	.15		.75
	LM-17	2.5	volt	min sc	G-3 1/2	.20		.75
225878	43	2.5	.5	mir bay	T-3 1/2	.20		.75
6240-155								
	-7919	313R	28	.17	mir bay	T-3 1/2	.25	1.25
6240-155								
	-7866	356	28	.17	mir bay	T-3 1/2	.20	.75
6240-155								
	-6509	1826	18	.15	mir bay	T-3 1/2	.25	1.00
225888-5	NE-51	115	.04	mir bay	T-3 1/2	.20		1.25
225927	LM-27	6-8	.25	mir bay	T-3 1/2	.20		.75
225889-11	NE-26	115v.		canc bay	G-6	.35	3.00	
626812-5	LM-44	6-8v.		dc bay	G-6	.20		.75
225889-3	NE-48	115	.25	dc bay	T-4 1/2	.50	4.00	
6240-408								
	-3394	3S6/5	115v.		dc bay	T-4 1/2	.25	1.75
225879-3	6S6	30	.2	card sc	S-6	.20		1.25
	502	5	.15	#4F cell	min sc	.20		.75
6240-155								
	-8675	PR-6	2.47	.3	single contact		.20	.75
	PR-10	6	.5	#5D cell	min bay	.20		.75
225938	NE-15				mir bay	.25		2.00
	NE-20				mir bay	.25		2.00
6240-155								
	-7837	24E 24	.032-.038amp.	slide base		.50	3.50	
	NE-2	1/17	amp	2F slide	base	.10		.75
	425491-K1			K1 slide	base	.10		.75



SYSTEM ANALYZER PEAK PRESSURE GAUGE: DENISON MODEL 100 DESIGNED FOR A TRANSDUCER WITH A UNIFORM FREQ RESPONSE TO 20 KC. EXCITATION IS SUPPLIED FROM DC SUPPLY CONTAINED IN THE UNIT. THE 2 RANGE METER READS DIRECTLY IN LBS. PER. SQ. INCH. PROVISION FOR CONNECTING RECORDER ARE PROVIDED. THE UNIT INCORPORATES A D.C. AMPLIFIER WITH BALANCED INPUT & CATHODE FOLLOWER OUTPUT ALONG WITH A VACUUM TUBE VOLT METER CIRCUIT. WITH TUBES 1/12AX7, 2/6AU8A, 1/12AT7, 1/5Y3, 2/6AW8A & 2/6BQ7A. POWER REQUIRED 115 V. 60 CYC. USED WITH TRANS. HDD WHICH IS NOT AVAILABLE AND NOT SUPPLIED. SIZE: 9 1/2 x 6 1/2 x 10; WT: 21 LBS. PRICE: NEW \$39.95



HEAVY DUTY STEPPING SWITCH; 30 HEAVY CONTACTS SILVER PLATED 7/16 DIA. WITH 110 VOLT 60 CYCLE INDUCTION MOTOR, ONE REVOLUTION IN 24 SECONDS, ONE MICRO-SWITCH MAKES AND BREAKS 30 TIMES AS EACH CONTACT IS MADE PLUS 6 TIMES ANOTHER MICRO-SWITCH BREAKS AT END OF REVOLUTION. (NEW) SIZE: 14 x 11 x 8; WT: 15 LB. #6635-610-5807 \$25.00

PORTABLE A.C. VOLTMETER THERMO-COUPLE TYPE, TRIPOLET MODEL 645 MIRROR SCALE 0-150 VOLT. LEATHER CARRING HANDLE AND HINGE DOOR FOR METER GLASS PROTECTION. 4 1/2" SCALE, OVERALL SIZE 5 1/2 x 6 x 2 1/2; WT: 4 LBS. #5845-041-0718 \$25.00



MEASUREMENTS

MEASUREMENTS SIGNAL GENERATOR



MODEL 80C 5 TO 425 MC SIX BANDS .5% ACCURATE, CONTINUOUSLY VARIABLE FROM .1 TO 100,000 MICROVOLTS; 50 OHM OUTPUT IMPEDANCE, SINE-WAVE MODULATION CONTINUOUSLY VARIABLE 0-30% AND IS DIRECTLY INDICATED ON THE PERCENT MODULATION METER, CHOICE OF 400 OR 1000 CYCLES FROM AN INTERNAL RC TYPE OSCILLATOR; ALSO JACK FOR EXTERNAL MODULATION. POWER REQUIRED 117 VOLT 50/60 CYCLE. SIZE: 10 1/2 x 19 x 1 1/2; WT: 53 LBS. USED, SERVICEABLE. PRICES: MODEL 80C \$195.00 UNITS CHECKED FOR OPERATION \$25 EXTRA

POWER METER

TS-125/UP POWER METER PORTABLE GENERAL PURPOSE, BATTERY OPERATED INSTRUMENT USED TO MEASURE RADIO FREQUENCY POWER IN THE 2400 TO 3335 MEGACYCLE RANGE, CONTINUOUS WAVE OR PULSE. TWO SCALES ONE IN MILLIWATTS, OTHER IN DECIBELS ABOVE AND BELOW ONE MILLIWATT. POWER RANGE 0-2/4 MILLIWATTS W/ ATTENUATORS ABOVE WITH PICK-UP ANT. BATT. REQ. 4.5VDC. SIZE: 10 x 8 x 5 1/2; WT: 14 LBS. USED \$25.00



VOLTMETER



THERMO-COUPLE VOLTMETER SENSITIVE RESEARCH INSTRUMENT MODEL A D'ARSONVAL DESIGN, ACCURACY .5 OF 1% (IN PERCENTAGE OF FULL SCALE) TEMPERATURE COMPENSATED. FREQUENCY RANGE 7 TO 5000 CYCLE IMPEDANCE 500 OHMS PER VOLT ALL FREQUENCIES, FULL SCALE CURRENT 2 MILLIAMPS. METER SCALE 0-7.5/30/75/150, LARGE 6" MIRROR SCALE METER IN WOOD CASE. SIZE: 7 1/2 x 7 1/2 x 5; WT: 10 LBS. PRICE: USED, \$75.00

GENERAL RADIO VTVM



GENERAL RADIO VACUUM TUBE VOLT METER MODEL 726A. WIDE RANGE A.C. VTVM HIGH IMPEDANCE AND STABILITY FOR USE IN AUDIO AND R.F. WORK, 20 CPS. TO 50 MC. 2% ACCURACY OVER THE ENTIRE RANGE. A.C. VOLTAGE RANGE .1 TO 150 IN FIVE BANDS WITH SPECIAL TEST PROBE. VOLTAGE REQUIRED 110-130 60CY SLANTED FRONT FOR EASY VIEWING. SIZE: 9 1/2 x 14 x 8; WT: 45 LBS. PRICE: USED CHECKED \$45.00

OSCILLATOR



TS-508/UP TEST OSCILLATOR; PORTABLE UNIT THAT OPERATES FROM 3 V DC, 3000 TO 11,000 MEGACYCLES PER SEC. A BUZZER PRODUCES DAMPED OSCILLATIONS IN A TUNEABLE CONCENTRIC LINE RESONATOR WHICH A HIGH Q RESONANT CIRCUIT. THE RESONATOR SELECTS THE RF COMPONENTS OF THE BUZZER OUTPUT. AM MODULATION IM-2M PULSES PER. SEC. 0-100 DB. 50 OHMS OUTPUT IMP. SIZE: 6 1/2 x 6 1/2 x 6 1/2; WT: 15 LBS. USED \$25.00

ANALYZER

ANALYZER SELSYN ZEROING MODEL "B" USED WITH GENERAL ELECTRIC 2J SERIES UNITS. FOUR INCH METER WITH AC SCALES OF 0/3/30/300/600 VOLT 400 CYCLE, DC SCALE 0/50/500 VOLTS D.C. RESISTANCE SCALE 0/1000 10,000/1 MEG. OHMS. ELEVEN POSITION METERING SWITCH AND 4 TERMINALS FOR TEST LEADS. PORTABLE CASE. SIZE: 8 x 13 x 5; WT: 10 LBS. PRICE: WITH TEST LEADS & CAPS FOR SELSYNS \$15.00 LESS THESE ITEMS \$10.00



TS-352 MULTIMETER; PORTABLE GENERAL PURPOSE UNIT WITH A 4" 50 MICR AMP METER. FREQUENCY RANGE 25 TO 5000 CYCLES PS. USEFUL TO 20M. ACV RANGE: 0-2.5/10/50/250/500/1000 DCV " SAME AS ABOVE ALSO 5000 V USING INTERNAL MULTIPLIER. DCV RANGE: 0-25/2.5/10/50/100/500/2500/10000 MILLIAMPS. RESISTANCE RANGE: 0-1000/10M/100M/1000M/10000M OHMS. SENSITIVITY 1000 OHMS PER VOLT FOR AC RANGES 1000 OR 20,000 " " " DC " " " SIZE: 15 x 11 x 10; WT: 23 LBS. PRICE: USED \$39.95



MARCONI SIGNAL GENERATOR TF-801 10-500 MC IN FIVE BANDS, OUTPUT CAN BE CONTINUOUS WAVE, SINEWAVE AMPLITUDE MODULATED, MOD INTERNALLY OR EXTERNALLY OR PULSE MOD. EXTERNALLY. OUTPUT IMPEDANCE 50 OHMS. CALIBRATED OUTPUT CONT. VAR. 0.1 TO 0.5 VOLT AT MOST FREQ. 90% MOD. CAN BE ACHIEVED. INTERNAL MODULATION 1000 C/S OSC. THE MAIN TUNING DIAL IS HAND CALIBRATED DIRECTLY IN FREQUENCY POWER REQ. 115/230 V 40/100 CYC. WITH TUBES 2/58G1, 1/6L6, 1/6AK5, 1/6C4, 1/12AT7, 1/6AS7, 1/5R4GY & 1/0B2, CRYSTALS 2/BTH TYPE CS2A AND ONE 5TH TYPE CG1E. SIZE: APPROX. 16x11x11; WT: 45LBS. USED PRICE: \$195.00 CHECKED FOR OPERATION \$25 EXT.



LM FREQUENCY METER

LM NAVY TYPE FREQUENCY METER 125 - 20,000 KC CRYSTAL CALIBRATED INDICATING EQUIPMENT, HETERODYNE TYPE, ACCURACY .01 TO .02 DEPENDING ON FREQ. WITH MODULATION 500 CYCLE. VOLTAGE REQUIRED 12/24 FOR FIL. AND 180 @ 5 MA/475 VDC @ 20 MA. WITH 1000 KC CRYSTAL & TUBES. ALSO CALIBRATION BOOK. UNITS HAVE BEEN USED AND MAY NEED REPLACEMENT OF SOME SWITCHES OR MINOR PART OTHERWISE GUARANTEED SERVICEABLE. SIZE: 7 1/2 x 7 1/2 x 8; WT: 15 LBS. PRICE: (AS DESCRIBED ABOVE) \$24.95 WITH ALL PARTS 29.50 " " " & CHECKED 39.50



TUBE TESTERS



VACUUM TUBE BRIDGE TAFFET#-310-6559 SIMILAR TO GR#561-D. MAKES POSSIBLE THE MEASUREMENT OF THE LOW FREQ. DYNAMIC COEFFICIENTS OF VACUUM TUBES & TRANSISTORS UNDER A WIDE RANGE OF VALUES UNDER A VARIETY OF OPERATING CONDITIONS. ALSO CAN BE USED IN THE LAB. FOR STUDYING THE BEHAVIOR OF TUBES AND TRANSISTORS IN UNCONVENTIONAL CIRCUITS. WITH ADAPTER (10) SOCKET AND PATCH CORDS FOR VARIOUS TESTS EXTERNAL VOLTAGES ARE REQ. FOR THE DEVICE UNDER TEST. SIZE: 19 x 16 x 10; WT: 45 LBS. PRICE: USED \$40.00

WESTON MODEL 788 TUBE CHECKER MEASURES PROPORTIONAL MUTUAL CONDUCTANCE IN TERMS OF PERCENT BELOW OR ABOVE THE NORMAL LISTED VALUE AS LISTED BY THE MFG. UNIT HAS THE FOLLOWING CONTROLS, SHORT TEST, FILAMENT VOLT. SEL. AND ADJUSTER, ELEMENT POTENTIAL, D.C. SHORT TEST & BUCK, BIAS & GRID, ELEMENT V. CONT. SW. & SENS. SW. METERS FOR HEATER VOLTAGE, ELEMENT VOLTAGE AND PROPORTIONAL TUBE VALUE. ROLL CHART. THIS UNIT WAS MFG. IN THE EARLY 40'S AND WILL NOT TEST LATE TUBES BUT WILL TEST A LOT OF GOVERNMENT TYPE TUBES IN USE AT THE TIME. SIZE: 13 x 24 x 7; WT: 25 LBS. PRICE: USED \$20.00



RELAY TEST SET



I-181 RELAY TEST SET, WESTERN ELECTRIC #D-162269, A PORTABLE CURRENT FLOW TYPE RELAY ADJUSTING SET WHOSE PRIMARY FUNCTION IS TO MEASURE AND CONTROL CURRENT FLOW THROUGH THE WINDINGS OF A RELAY OR SIMILAR ELECTROMAGNETIC UNIT. CAN ALSO BE USED AS A DC MILLIAMETER WITH RANGE OF 15, 75 & 150 MA ON 3 1/2" METER. CONTROLS FOR VARYING THE CURR. & TERMINALS FOR WIRING THE RELAY UNDER TEST. REQUIRES 22 1/2 & 45 VOLTS. SIZE: 6 1/2 x 9 1/2 x 5 1/2; WT: 10 LBS. \$8.95

SUMMATION BRIDGE



AN/URM-23 SUMMATION BRIDGE PORTABLE GENERAL PURPOSE WATTMETER USED TO MEASURE R.F. OUTPUT IN THE 1000 TO 4000 MC RANGE. EMPLOYS A DIRECT READING CIRCUIT IN WHICH A BOLOMETER ACTS AS ONE ARM OF A DC WHEATSTONE BRIDGE AT THE SAME TIME PROVIDING THE CORRECT RESISTIVITY TERMINATION FOR THE RF POWER ENTERING THE WATTMETER. POWER INPUT RANGE 5 MW TO 5 WATTS. INPUT IMPEDANCE 50 OHMS. POWER SUPPLY 115 VOLTS 50-1600 CYCLE. COMPLETE WITH BOLOMETER, 5 ATTENUATORS, CABLE CARRING CASE ETC. SUMMATION BRIDGE TS-730 AND POWER MEASURING ATTENUATOR KIT MX-1309. TOTAL WEIGHT 60 LBS. PRICE: USED \$65.00

ANALYZER



MOBILE PORTABLE TEST SET; SIMILAR TO MOTOROLA MODEL P-8501-B, MFG. BY ROGERS MAJESTIC LTD. UNIVERSAL TEST UNIT FOR CHECKING TRANSMITTERS AND RECEIVERS. UNIT HAS A 0-50 MICRAMP. METER (2000 OHM) WHICH WITH THE ASSOCIATED ADAPTER PLUGS, PROVIDES METERING FOR ALL CIRCUITS ESSENTIAL TO TUNING AND CHECKING. THE CRYSTAL OSC. & MULTIPLIER PROVIDES A SIGNAL SOURCE FOR ALIGNMENT OF EQUIP. ON 25-54, 72-76 AND 144-174 MC. CAN ALSO BE USED FOR RELATIVE AUDIO AND R.F. OUTPUT MEASUREMENTS. BATTERIES REQUIRED 1 1/2 & 6 1/2 VOLT DC. WITH 2/3S4 TUBES AND CABLES. SIZE: 11 x 11 x 6; WT: 15 LBS. PRICE: USED \$40

AUTOMOTIVE

STARTER - REGULATOR

VOLTMETER-AMMETER FOR TESTING BATTERY STARTER AND REGULATOR MODEL# 307-A

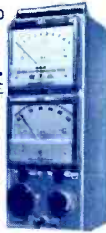
VOLTMETER HAS 3 SCALES 0-9, 0-18 AND 0-45 VOLTS D.C.

SPECIAL SELECTOR SWITCH FOR MAKING RESISTANCE TESTS USING THE 9/10 SC. AMMETER SCALE MINUS 10-0-100 AMPERE THROUGH A BUILT-IN SHUNT CONNECTED IN THE TEST LEADS.

LOAD SWITCH IS USED TO CONNECT THE LOAD IN OR OUT OF THE CIRCUIT. LOAD CONTROL CONSISTS OF VARIABLE FILE PLATES WHICH BY COMPRESSION PUTS A LOAD ON THE OUTPUT OF THE GENERATOR-STARTER CIRCUIT.

A FIELD RHEOSTAT IS USED TO CONTROL THE GENERATOR FIELD CIRCUIT FOR CERTAIN TYPE UNITS. TWO LARGE 4 1/2" METERS WITH 2% ACCURACY, 500 MICROAMP. MOVEMENTS, CHROME AND SATIN FINISH.

WITH TEST LEADS AND INSTRUCTIONS. SIZE: 13x5x5; WT: 13 LBS. PRICE: \$29.50



AMPS.-VOLTS-REGULATOR



AMPS.-VOLTS-REGULATOR TESTER WITH POINTS RESISTANCE CHECK MODEL#322
LARGE 4 1/2" METER 500 MICROAMP MOVEMENT BLACK AND SILVER SATIN FINISH. VOLT SCALE 0-18 VDC WITH SPECIAL BUTTON FOR READING 0-1.8 V. D.C. AMPERE SCALE 0-60. TEST SELECTOR SWITCH FOR EACH READING. SEPARATE CABLES FOR VOLTS, AMPS. & RESISTANCE READINGS. METER SCALE IS MARKED FOR PTS, CRK, COIL AND REG TESTS.

FACE OF UNIT IS POLISHED CHROME AND BLACK SATIN FINISH. COMPLETE WITH INSTRUCTIONS FOR MAKING THE VARIOUS CHECKS. MFG. MAQUETTE. SIZE: 10x6x4; WT: 8 LBS. PRICE: \$14.95

IGNITION - TESTER

METER IGNITION TESTER MODEL# 327
LARGE 4 1/2" METER WITH 500 MICROAMP 0-30 SCALE ALSO MARKED LOW, AVERAGE FOR CHECKING IGNITION SYSTEMS. SELECTOR SWITCH FOR CURRENT AND VOLTAGE READINGS ALSO TEST LEADS.

WITH OPERATING INSTRUCTIONS. CHROME MIRRORRED FACE WITH BLACK AND GREY SATIN FINISH. THIS EQUIPMENT IS KNOWN AS THE CHROME-LINE OF HEYER-MARQUETTE. SIZE: 11x6x4; WT: 8 LBS. PRICE: \$14.95



COIL - CONDENSER TESTER

COMBINATION COIL AND CONDENSER TESTER WITH OHMMETER MODEL#332.

DESIGNED TO MAKE COMPLETE ANALYSIS OF COILS AND CONDENSERS IN AUTOMOBILE ENGINES USING FACTORY STANDARDS AND TEST METHODS.

PRECISION VIBRATOR APPLIES THE NORMAL CURRENT TO THE COIL AT THE PROPER DWELL. ANY BREAKDOWN OF THE OF THE INSULATION IS SHOWN ON THE METER BY IRREGULAR OR LOW READING AN ELECTRONIC CIRCUIT CHECKS CONDENSERS FOR ACTUAL CAPACITY, LEAKAGE SERIES RESISTANCE. THE LAST TWO

TESTS WILL INDICATE CONDENSERS THAT WILL NEED REPLACING.

A 100,000 OHMMETER RANGE IS ALSO PROVIDED ON THE 4 1/2" CHROME AND SATIN FINISHED METER THAT HAS A LABORATORY ACCURACY OF WITHIN 2%. UNIT OPERATES FROM 6/12 VDC, WITH TUBES 1/0A2 1/12AU7 & 1/6X4 ALSO TEST LEADS, W/INSTRUCTIVE CABINET SIZE 14x5x6; WT: 10 LBS. PRICE: \$19.95



BATTERY ANALYZER

HEYER 12 VOLT OVER-ALL BATTERY ANALYZER MODEL 12 BT

FOUR STEP BATTERY ANALYZER WITH LARGE 4 1/2" METER AND HEAVY CABLES WITH SURE-GRIP CLAMPS.

BATTERY SIZE ADJUSTMENT SWITCH FOR SMALL 30-40 APH, MEDIUM 50-60 APH AND LARGE 70-80 APH BATT. BATTERY LOAD SWITCH, BATTERY CHARGE SWITCH & BATTERY CONDITION SWITCH FOR MAKING THE REQUIRED TESTS WHICH IS INTERFERED ON THE APPROPRIATE SCALE OF THE METER. SIZE: 11x6x6; WT: 12 LBS. W/INSTR. PRICE: \$19.95



VACUUM CONTROL

PRECISION VACUUM CONTROL #348

DESIGNED TO CHECK AND ADJUST DISTRIBUTOR VACUUM ADVANCE ON THE CAR WHEN USED WITH ELECTRONIC IGNITION ANALYZER. CAN ALSO BE USED TO DETERMINE ENGINE PERFORMANCE BY VACUUM READINGS AND GAUGE READINGS REFLECTING ON ENGINE OPERATING CONDITIONS.

DISTRIBUTOR AND MANIFOLD VACUUM CONTROLS ARE PROVIDED WITH SELECTOR SWITCH.

THE 3" GAUGE READS IN INCHES OF MERCURY AND THE CONCENTRIC SCALE READS 0-10 ON THE FIRST REVELOUTION AND FROM 10-24 INCHES OF VACUUM ON THE SECOND. ZERO ADJUSTING CONTROL PROVIDED. ALSO TEST LEADS AND INSTRUCTIONS. SIZE: 13x5x5; WT: 5 LBS. PRICE: \$14.95



TACHOMETER - VOLTMETER

DYNA-VISION ACCESSORY UNIT#337 COMBINATION TACH-VOLTMETER.

TACH RANGES 0-1000 AND 0-5000 R.P.M. VOLT RANGE 0-18 VDC. USED FOR CHECKING R.P.M. AND LOW VOLTAGE CIRCUIT OF AUTO ENGINES, ALSO PROVISIONS FOR PLUGGING IN TIMING LIGHT.

METER IS 4 1/2" CHROME AND SATIN FINISH WITH 500 MICROAMP. MOVEMENT.

OPERATES FROM 6/12 VDC WITH TUBES 1/0A-2 & 1/2021. SIZE: 13x5x5; WT: 8 LBS. PRICE: \$19.95



BATTERY TESTER

ATLAS SAFETY-CHARGE BATTERY TESTER MODEL PSC-1-TRG. FOR 6 OR 12 VOLTS.

LARGE 4" METER FOR EASY READING OF BATTERY CONDITION, SHOWS IF BATT. IS SERVICEABLE, NEEDS RE-CHARGING OR REPLACEMENT ALSO INDICATES CHARGING VOLTAGE, LOW, NORMAL OR HIGH. THIRTY SIX INCH CABLE AND TEST PROBE FOR CHECKING EACH CELL.

RUGGEDIZED PLASTIC METER CASE AND UNBREAKABLE PLASTIC METER FACE. SIZE: 4 1/2x4x3; WT: 3LBS. W/INSTRUCTIVE PRICE: \$6.95



BATTERY TESTER

HEYER MODEL WT-101

WAREHOUSE BATTERY TESTER FOR CHECKING CELLS UNDER LOAD. SIX OR 12 VOLT BATTERIES. INDICATOR LIGHTS FOR OCV TEST AND LOAD TEST FOR 6 VOLT, 12 VOLT LIGHT DRAIN, 12 VOLT HEAVY DRAIN. HEAVY SUR-GRIP CLAMPS AND INDIVIDUAL CELL PROD. LARGE 4 1/2" METER AND HANGERS FOR WALL MOUNTING. SIZE: 15x10x7; WT: 15 LBS. \$19.95

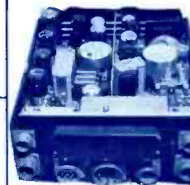


COMPRESSION

COMPRESSION TESTER ADAPTER GAUGE No. 1949 WITH LARGE 2 1/2" BRASS CASE, 0-300 LB PRESSURE, BRASS FITTINGS. 3 LBS. \$5.95



TRANSCEIVER



BC-645/ABA-1 TRANSCEIVER ARMY-NAVY-AIR FORCE TRANSPONDER USED FOR FREIND OR FOE IDENTIFICATION IN THE 460-490 MC BAND. COMPLETE WITH TUBES 4/7F7, 4/7H7, 2/7E6, 2/6F6, 2/955 & 1/316. SIZE: 11x6 1/2x14; WT: 20 LBS.

BC-645/ABA-1 RECEIVER-TRANSMITTER N \$16.95
MOUNTING FOR " " 1.50
BC-646 CONTROL BOX 1.95
MOUNTING FOR BC-646 CONTROL BOX. 1.00

PL-101 DYNAMOTOR 12/13-24/26 VDC; 12.6/6.3 AMPS. OUTPUT 400 VDC @ 135 MA 800 VDC @ 20 MA. 9V 80CYC. 1.12A. SIZE: 14x7x5; WT: 13 LBS. NEW 7.95
UHF ANTENNAS 2 PER SET 1.95
PLUGS COMPLETE SET \$4.95 INDIVIDUAL COMPLETE SET OF ALL ITEMS DESCRIBED ABOVE ALL BRAND NEW \$29.95

THOUSANDS OF THESE SETS HAVE BEEN SOLD FOR CONVERSION TO THE 460-470 & 470-500 MC BANDS.

R-122/ARN-12 RECEIVER; 75 MC

FIXED FREQ. FOR AIRCRAFT MARKER BEACON USE. DESIGNED TO RECEIVE RADIO SIGNALS TO DELIVER AURAL AND VISUAL INDICATION TO THE PILOT SO THE POSITION OF THE AIRCRAFT CAN BE IN RESPECT TO A RADIO RANGE STATION. RECEIVES AM SIGNALS MOD. AT 400, 1300 & 3000 CPS. SIG. OPERATES FROM 24 VDC. WITH TUBES 5/AJ5, 2/6AL5 & 2/2807. CRYSTAL CONTROL OSCILLATOR, 6.9 MC. IF. NO INDICATORS. SIZE: 10x5x6; WT: 10 LBS. PRICE: USED \$6.95



RDR NAVY RADIO RECEIVER 225 TO 390 MC. CRYSTAL CONTROL ON ANY 10 PRE-SET CHANNELS WHICH ARE MANUALLY SELECTED FROM THE SET OR CAN BE ELECTRICALLY SELECTED FROM A REMOTE POSITION BY USE OF THE MOTOR DRIVEN SELECTOR. WITH TUBES 1/9003, 1/6AK5, 1/6J6, 4/12SG7, 2/12H6, 2/604, 1/12SL7, 1/6AG7 & 1/12A6. POWER REQUIRED 12 VOLT D.C. SIZE: 21x16x9; WT: 45 LBS.

RDR CRV-46283 NEW \$39.50 MANUAL ... \$5.00

SOLID STATE 12VDC SUPPLY

SOLID STATE 12 VDC SUPPLIES VOLTAGE REGULATED ASSEMBLIES THAT HAVE BEEN REMOVED FROM COMPUTER SYSTEMS. USES HIGH CAPACITY CONDENSERS, SILICON RECTIFIERS, TRANSFORMER, HEAT SINK, RESISTORS & PRINTED CIRCUIT CONTROL BOARD FOR REGULATION. PRICES WITHOUT PRINTED CIRCUIT CONTROL BOARD.

ASM-490	4 AMP	Size 10x6x6	12 LB.	\$ 9.95
" 390	8 "	" 11x6x6	16 "	12.95
" 500	12 "	" 13x6x6	25 "	16.95
" 510	16 "	" 15x6x6	30 "	19.95
" 380	20 "	" 18x6x6	35 "	29.95

PRINTED CIRCUIT CONTROL BOARDS \$7.50 (NOT ORIG.)

HORN

SPARTON HORN MODEL SA OEM 12 VOLTS D.C. HIGH PITCH SIZE: 5 1/2x6 1/2x2 1/2"; WT: 3 LBS. PART No. S-34 SINGLE A25852 PRICE: \$1.75



MATCHED METERS

WICO AMMETER AM-301BL; BRASS CASE, CHROME EDGE 2 1/2" ROUND, 100-50-0-50-100 MOUNTING HARD WARE AND DIRECTIONS. \$1.95

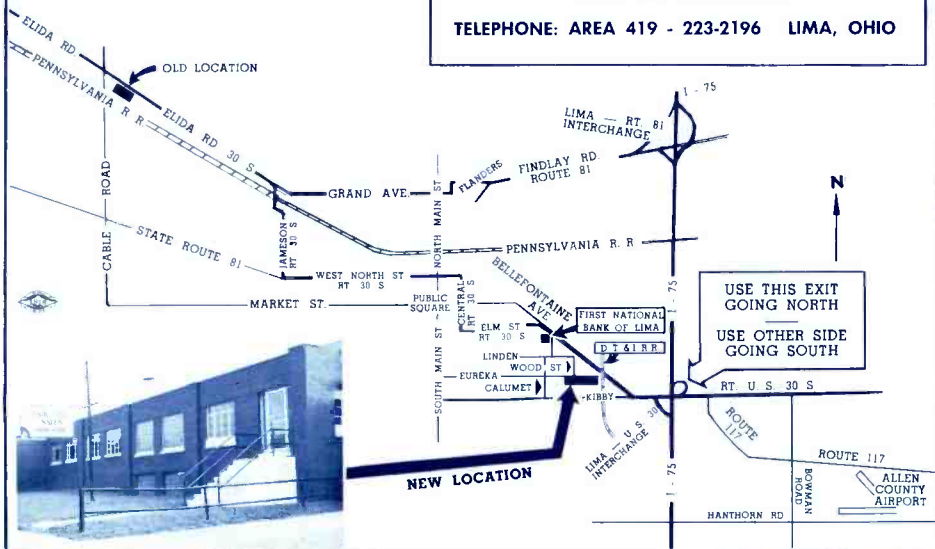
WICO VOLTMETER VM-2979L; BRASS CASE CHROME EDGE 2 1/2" ROUND, SCALE 0-5-10-15-20 D.C. VOLTS. MOUNTING HARD. & DIRECT. \$1.95



FAIR RADIO SALES CO.

1016 E. EUREKA

TELEPHONE: AREA 419 - 223-2196 LIMA, OHIO



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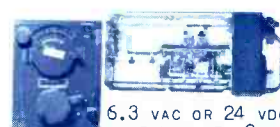
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APR-4 RECEIVER

R-444/APR-4Y RECEIVER AND CV-253/ALR TUNING UNIT FOUR BAND TO COVER THE FREQUENCY OF 38 TO 1000 Mc. USED IN AIRCRAFT AS SEARCH EQUIP. TO DETECT ELECTROMAGNETIC RADIATION, THE FREQ. OF SIGNALS, RELATIVE FIELD STRENGTH AND AUDIO OUTPUT. SELECTOR PERMITS CHOICE OF AM NARROW/WID OR FM. ALSO IF ATTN. SELECTOR, HET. SW., RANGE SELECTOR, SWEEP CONTROL & TUNING KNOB. METER 2 1/2" FOR TUNING. ORIGINALLY DESIGNED FOR 115 V. 400 CYCLE POWER SOURCE UNITS ARE AVAILABLE FOR 115 VOLT 60 CYCLE. ALSO REQUIRED IS 24 VDC FOR PILOT LIGHTS AND SCANNING MOTOR WHEN TUNING UNITS WITH MOTORS ARE USED. REC. USED SIZE: 8x10 1/2 x 12 1/2; WT: REC. ONLY 33 LBS. TU-20L PRICE: REC. ONLY \$95.00 WITH CV-253 TU-250 CV-253 CONVERTER 38-1000 MC NEW \$175 ANY OF THE TUNING UNITS LISTED BELOW CAN BE USED WITH THE R-444/APR-4Y OR R-54/APR-4

R-54/APR-4 RECEIVER SAME AS ABOVE ONLY DIFF. POWER REQ. 115 VOLT 60 TO 2600 CYCLE & 24 VDC SAME PRICE AND TUNING UNITS CAN BE USED.



CONVERTER TUNING UNITS FOR USE WITH 30 MC. I.F. NO POWER SUPPLIES REQUIRE 300 VDC, 6.3 VAC OR 24 VDC WHICHEVER THE CASE MAY BE. SIZE: 9x7x15; 25 LBS. AV

TN-16/APR-4 TUNING UNIT	38- 95 MC	\$29.50
TN-17	" " "	NOT AVAILABLE
TN-18	" " "	300-1000 " 39.50
TN-19	" " "	975-2200 " 39.95
TN-54	" " "	2150-4000 " 75.00
CV-253	" " "	38-1000 " 175.00

TU-56 AND TU-57 CAN BE USED WITH ABOVE SETS BUT REQUIRE MODIFICATION AS TO GUIDE HOLES.
TU-56 TUNING UNITS 38-95 MC 20.00
TU-57 " " " 74-300 " 40.00

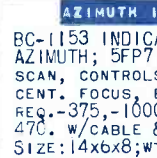
TN-1/APR-1 " " " 38- 95 " 25.00
TN-3/APR-1 " " " 300-1000 " 35.00

POWER PLUG TO FIT SETS \$1.50 SHOCKMOUNT 2.50



OSCILLOSCOPE

1P-69/ALA-2 PANORAMIC INDICATOR FOR USE WITH APR-4 EQUIPMENT. FRONT PANEL CONTROLS VERT. POS HORIZ. POS. INTENSITY, FOCUS, GAIN, WIDTH, CENTERING AND PAN. WITH 3BP1 CR, 1/6A1 5, 2/6BA6, 1/6BE6, 1/6AC7, 1/6J6, 1/894, 2/6SL7, 1/1B3, 1/6X5, 1/0D3, 1/6SN7, TUBES. POWER REQ. 115 VOLT 380-1000 CYC SIZE: 5x8x21; WT: 18 LBS. PRICE: LIKE NEW \$29.95



AZIMUTH INDICATOR

BC-1153 INDICATOR RANGE & AZIMUTH; 5FP7 CR TUBE, PPI SCAN, CONTROLS H CENT. V CENT. FOCUS, BRIGHT, VOLT. REQ.-375,-1000,x4900,300 & 470. W/CABLE & JUNC BOX. SIZE: 14x6x8; WT: 12 LBS. PRICE: USED \$6.95



MONITOR

1G-66/AXR-1 MONITOR INDICATOR VIDEO REPEATER; AUX. VIDEO UNIT CONTAINING AMPLIFIER CIRCUITS, DRIVEN TYPE DEFLECTION CIRCUIT HV GENERATOR AND 7" C.R. TUBE. WITH TUBES 7CP1, 2/12SN7, 1/807, 1/8016, 1/6AC7, 1/6SN7. ALSO DYNAMOTOR 24 VDC INPUT, OUTPUT 400 VDC 125 MA. U/W AXT-2 SET. SIZE: 8 1/2 x 10 1/2 x 19; WT: 20 LBS. PRICE: USED \$19.95

TV CAMERA



BC-1211 CONVERSION UNIT; CONTAINS NECESSARY CKT AND COMP. FOR PICKING UP OPTICAL IMAGE AND CONVERTING IT TO VIDEO SIGNAL, ALSO GENERATES BLANKING AND SYNC. PULSES TO COMBINE W/VIDEO TO FORM COMPOSITE SIG. WITH TUBES 1846, 2/6L6, 1/VR-150, 4/1649, 2/6X5, 3/12SL7 & 4/12SN7. SIZE: 8 1/2 x 10 1/2 x 20; WT: 40 LBS. UNUSED PRICE: WITH TUBES AND LENSE \$100.00 " " LESS " 75.00

TRANSMITTING EQUIP.



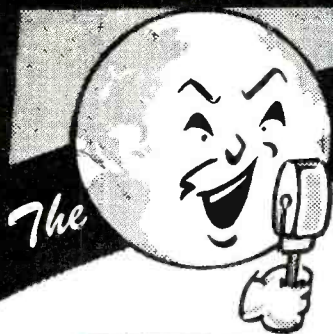
RC-203 TRANSMITTING EQUIPMENT; 1.5 TO 10 MC CRYSTAL CONTROL OR M.O. ON ANY 4 PRESELECTED CHANNELS WITH LOCAL OR REMOTE DIALING OF "ON" OR "OFF" CHANNEL SELECTION ETC. 75 WATT C.W. 50 WATT PHONE. POWER REQ. 100 TO 260 V. 25-60 CYCLE FOR OPERATION OF THE BUILT IN POWER SUPPLY. THE BC-1100 TRANSMITTER CAN BE OPERATED REMOTELY AND COMES WITH TUBES 6/6L6, 3/807, 1/VR-150, 1/5Z3 & 2/RK-60. THE RM-40 CONSISTS OF AMPLIFIER W/LINE LEVEL METER, MICROPHONE CIR. SWITCHING AND PULSE DIAL CIRCUITS TO CONTROL THE TRANS. WHICH CAN BE DONE OVER TEL. LINES. WITH TUBES 2/6J5 & 1/80. TRANS. SIZE; 18x40 1/2 x 30; WT: 411 LBS. REMOTE " 10x14x13 1/2; WT: 50 LBS.

SPARE PARTS BOX CONTAINS THE OPERATING TUBES, SPARE TUBES 16 SAME AS USED IN EQUIP. 2 HAND TYPE CHROME, CARBON MICS. 100 OHM, 7 METERS, 8 RELAYS, 1 SWITCH, 25 RESISTORS, 20 CONDENSERS 110 FUSES, 2 RECT. 2 RHEO. 2 POTS, 24 LAMPS ETC. ALSO 2 MANUALS. SPARE PARTS BOX WEIGHT 72 LBS. PRICE; BC-1100, RM-40 & SPARE PARTS \$195.00 WITH RC-1100 & RM-40 W/OPERATING TUBES \$150. MANUAL RC-1100 W/OPERATING TUBES \$125.00

TV TRANSMITTER



T-61/AXT-2 TRANSMITTER FREQ. RANGE 264 TO 372 MC. RECEIVES RADIO & SYNCHRONIZING SIGNALS QND BLANKING SIGNALS AND TRANSMITS MODULATED R.F. CARRIER WHICH IS GENERATED IN THIS UNIT BY MEANS OF OSCILLATOR AND POWER AMPLIFIER. POWER REQ. 750 VDC 225 MA & 24/28 V. WITH TUBES 4/8025, 2/6L6, 2/6SH7, 1 EA. 5Y3GT, 6SL7GT, 6V6GT & 955. SIZE: 9x14x18; WT: 40 LBS. PRICE: USED \$32.95 UNUSED \$39.00



WORLD'S FINEST SURPLUS BARGAINS..

FALL- WINTER 64

MOBILE EQUIPMENT

MOTOROLA RECEIVER FMWR-16V 30-40 MC. F.M 6 V.



VIBRATOR SUPPLY, USES 16 TUBES 10/7C7, 3/7C5, 2/7AG7, 1/7F7, SINGLE CHANNEL CRYSTAL CONTROL. (less vibrator) SIZE: 15x9x9; WT: 30 LBS. PRICES, USED LESS CRYSTALS WITH TUBES & COVER \$24.95
 " " NO " 19.95
 NO " NO " 10.00

MOTOROLA TRANSMITTER FMT-25V 30-40 MC. F.M. 6 VOLT VIBRATOR PACK, CRYSTAL CONTROL, 25 WATT WITH TUBES 3/7C7, 2/7A8, 1/7A8, 1/RK391807, 2/0Z4 SIZE: 15x9x9; WT: 30 LBS. LESS CRYSTALS, USED PRICE: W/TUBES & COVER \$14.95;

MOTOROLA TRANSMITTER FMTU30D 152-172 MC. F.M. 6 VOLT DYNAMOTOR SUPPLY, CRYSTAL CONTROL, 25 WATT, WITH TUBES 3/7C5, 2/7A8, 1/7C7, 3/2E24. SIZE: 15x9x9; WT: 30 LBS. LESS CRYSTALS, USED PRICE: W/TUBES & COVER \$19.95; L/COVER \$15.00

CABLE WITH PLUG, RECEIVER-CONTROL USED 2.00
 " " " -POWER " 2.00
 " " " TRANSMITTER-CONTROL " 2.00
 " " " -RECEIVER " 2.00
 " " " -POWER " 2.00
 CONTROL BOX, USED \$1.50 ; SPEAKER IN CASE 1.50
 MICROPHONE WITH HOLDER, USED.....2.00

PHILCO TRANSMITTERS PRT150GT 154-172 MC. FM. 30 WATT, 6 VOLT DYNAMOTOR P.S. CRYSTAL CONTROL SINGLE CHANNEL TUBES, 2/3A4, 1/9003, 1/6B6, 2/2E24, 1/6C4, & 1/2E30. USED COND SIZE: 15x10x8; WT: 35 LBS. PRICE: W/TUBES, L/CRYS. \$14.95

PHILCO RECEIVER PRT72G 70-80 MC.F.M 6 VOLT VIBRATOR POWER SUPPLY, CRYSTAL CONTROL SQUELCH CIRCUIT WITH TUBES 3/6B6, 3/6AK5, 2/6AQ6, 1/6C4, 1/7F7 & 1/7A8. USED LESS CRYST. SIZE: 15x10x8; WT: 30 LBS. \$14.95



6 OR 12 VOLT \$59.50

COMMERCIAL TYPE MOBILE COMMUNICATION RADIO SET MFG. BY LINK. TRANSMITTER #1906 50 WATT USING 2/2E26 TUBES DRIVING 829 IN THE FINAL ALSO 1/7AG7, 1/7F7 & 1/7W7 TUBES. WITH 12 VOLT DYNAMOTOR POWER SUPPLY. RECEIVER #1905 SELECTIVE DOUBLE CONVERSION WITH SQUELCH CIRCUIT & 2/7A6, 7/7AG7, 1/7F7, 1/7B5 & 2/6AK5 WITH 12 VOLT VIBRATOR POWER SUPPLY. BOTH UNITS ARE CRYSTAL CONTROL PHASE MODULATED 15 KC. UNITS HAVE RECENTLY BEEN REMOVED FROM CARS AND HAVE TUBES, CONTROL BOXES, CABLES WITH PLUGS (THAT MAY HAVE TO BE SPLICED) ETC. PRICE, AS DESCRIBED \$59.50

IDENTIFICATION SET

RT-82/APX-6 RADAR IDENTIFICATION SET RECEIVER-TRANSMITTER COVERING RANGE OF 950-1150 MC. IF FREQ. 59.5/1.5 MC. (CAN BE CONVERTED TO 1215 MC. QST FEB. '61, SEPT. '60; 1296 MC. QST JUNE '61). WITH (30) TUBES 6/6J6, 1/6AS6, 1/3E29, 3/6AL5, 1/5Y3, 2/3B24, 3/6AL5, 2/12AU7, 7/6AK5, 1/2C42, 1/2C46, 1/1B40, 1/1N-43, 1/1N-25. DIGIT COUNTERS ON TUNERS FOR TRANS-REC-LO FREQ. CONTROLS. VOLTAGE REQUIRED 24 AND 115 400/800 CYCLE. SIZE: 13x13x10; WT: 45 LBS. PRICE: USED WITH TUBES \$16.95

HC-6/U CRYSTAL OVEN



CRYSTAL OVEN FOR (10) TEN HC-6/U CRYSTALS ON A PRINTED CIRCUIT BOARD WITH 10 NPO CAPACITORS 3-12 MMF FOR FREQ. ADJUSTMENT. OVEN OPERATES FROM 6.3 VAC .3 A. SIZE 2x2x3. TERMINALS FOR CONNECTING SWITCH. #0-402 SELECTOR SWITCH FOR ABOVE 329825-62.178 59¢

A P R ANTENNA



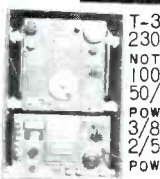
AS-125/APR ANTENNA; FOR USE WITH RECEIVERS OPERATING IN THE 1000 TO 6000 MC. RANGE. UG-22 COAXIAL RECEPTACLE ON BOTTOM, 6" MOUNTING RING WITH HARDWARE. SIZE: 6x8; WT: 4 LB PRICE: NEW \$1.95
 UG-21 COAXIAL CONNECTOR TO FIT UG-22 RECEPTACLE \$.75

TS 47 APR ASSY.



CONDENSER & COIL ASSEMBLY AS USED IN TS-47/APR TEST SET. FREQ. RANGE 40 TO 500 MC. CONSISTS OF VARIABLE BUTTERFLY CAPACITOR ASSEMBLY INCLUDING OSCILLATING CIRCUIT THAT USES 9002 TUBE. SIZE 4x5x3; WT: 3 LBS. STK#3F3901-47/C2 PRICE: NEW \$9.95

U.H.F TRANSMITTER



T-30/TRC-8 TRANSMITTER F.M 12 W. 230 TO 250 MC. CONTINUOUS TUNING, NOT CRYSTAL CONTROL, FREQ. DEV. 100 KC. OPERATES FROM 115/230 V. 50/60 CYC. USING PP-115/TRC-8 POWER SUPPLY. TRANSMITTER TUBES 3/829P, 1/6H6, 2/6SN7, PP-115/TRC8 2/5U4G TUBES. TRANS. SIZE WITH POWER SUPPLY 12x20x12; WT: 80 LBS PRICE: USED \$29.95
 TM-11-618 MANUAL FOR TRC-8 REC. & TRANS. \$3

RACK SUPPLY



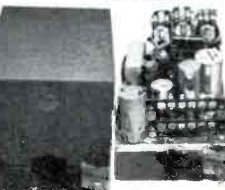
RA-42A POWER SUPPLY; RACK MOUNTING 19", 115/230 VOLT 60 CYCLE OPERATION, OUTPUT 200 TO 250 VOLT D.C. 100 MA 28" VOLT AND MILLIAMPER METER RA-42A WITH METERS RE-NEW \$12.95 USED \$9.95
 RA-42B LESS " " 9.75 " 6.75

MULTI OUTPUT SUPPLY

RA-105 POWER SUPPLY; INPUT 115 VOLT 60 CYCLE, OUTPUT D.C VOLTAGES 2400 VDC (FOR SCOPE) 544, 415, 295, MINUS VOLTAGES 1480, 290, 110, FILAMENT VOLT. 6.45 12 AMP. AND 6.45 10 A WITH TUBES 3/5U4G, 3/2X2 AND 1/6X5GT ALSO HAS FUSED LINES, CIRCUIT BREAKERS AND LIGHT INDICATORS. SIZE: RACK MTG. 24"x24x10; WT: SHPG. 200 LBS. PRICE: UNUSED \$14.95



MOBILE SUPPLY



AVA-126 VIBRATOR POWER SUPPLY; OUTPUT 300 VDC 100 MA. OPERATES FROM 6, 12 OR 24 VOLTDC WHEN USED WITH THE PROPER VIBRATOR. SUPPLIED WITH (6) SIX VOLT VIBRATOR ONLY, (OCTAL BASE) USED WITH AVT-112 AIRCRAFT TRANS. SIZE: 7x7x7x7; WT: 12 LBS. PRICE UNUSED \$4.95

MICROWAVE GENERATOR



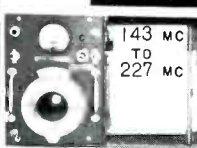
TS-147B/UP MICROWAVE SIGNAL GENERATOR PORTABLE UNIT DESIGNED TO TEST AND ADJUST RADAR, RECON AND MICROWAVE COMMUNICATION SYSTEMS OPERATING IN THE FREQUENCY RANGE OF 8500 TO 9600 MC. PROVIDES EITHER FM OR CW TEST SIGNALS OF KNOWN POWER LEVEL & FREQUENCY. THIS UNIT CONTAINS A DIRECT READING FREQ. METER AND POWER LEVEL METER WHICH POWER REFERENCED TO ONE MILLIWATT (DPM). USED TO MEASURE THE FREQ. AND POWER LEVEL OF THE INPUT AND OUTPUT SIGNALS. SPECTRUM WIDTH, FREQ. CHANGE, RECOVERY TIME AND STANDING WAVE RATIO. CAN ALSO BE MODULATED EXTERNALLY. OPERATES FROM 115 VOLT 50-1600 CYCLES. LESS CABLES, PLUGS, ADAPTER, PICK UP HORN. SIZE: 11x18x12; WT: 35 LBS. USED TS-147B/UP Signal Generator AS PHOTO \$99.50
 TS-147A/UP " SIMILAR TO " 75.00

U.H.F. TUNERS

ULTRA HIGH FREQUENCY ASSY. TUNING UNIT USING 2C39 TUBE AS DRIVER AND A 2C39 AS A POWER AMPLIFIER, FREQ. OUTPUT 125-350 MC. 6F4 TUBE OSCILLATOR 112-175 MC. AND 6F4 DOUBLER CIRCUIT, TUNED CIRCUITS ARE GANGED FOR SINGLE KNOB CONTROL. ALSO HAS HAYDON 4.5 V. 75 MA. 12R.P.M. TIMER MOTOR. REMOVED FROM ARC-12 EQUIPMENT. SIZE: 10x6x4; WT: 7 LBS. #KS10362 PRICE: LESS TUBES \$3.95

ULTRA HIGH FREQUENCY TUNER; CONSISTS OF REC. R.F. AMPLIFIER MIXER AND H.F. OSCILLATOR 125-350 MC. OUTPUT TO I.F. 15.1 MC., USES 6/6AK5 AND 1/12-AS6 TUBES, ALSO CRYSTAL BETWEEN 13 AND 41.5 MC., VARIABLE CONDENSERS ONE FOUR GANG 4-24 MMFD PER SECTION, OTHER 4 GANG 3 SEC. 4-25 AND ONE SEC. 5-41 MMFD, SINGLE DIAL CONTROL. REMOVED FROM ARC-12 EQUIPMENT. SIZE: 8x5x3; WT: 4 LB STK# KS-10329 PRICE: LESS TUBES \$2.95

FREQUENCY METER



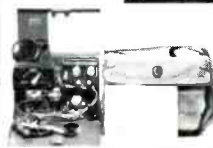
BC-906 FREQUENCY METER; ABSORPTION TYPE USING THE DIP OF A 500 VDC MICROAMMETER 2" FOR FREQ. INDICATION. REQUIRES BATTERIES FOR OPERATION. WITH ANTENNA 4" DIAL ETC. SIZE: 6x12x10 WT: 20 LBS. USED... \$9.95

GENERATOR



I-196 SIGNAL GENERATOR; PORTABLE BATTERY OPERATED TEST UNIT USED TO CHECK LF AND HF BANDS OF BC-966 IFF SET, APPROX 160 TO 220 MC. USES ONE 957 ACORN TUBE, HAS VARIABLE FREQ. & TONE CONTROL, PILOT LIGHT, SWITCH. HOUSED IN WOOD CASE WITH CANVAS COVER AND CARRYING STRAP. BATTERIES REQUIRED 1.5 AND 135 VDC. SIZE: 8x8x14; WT: 10 LBS. PRICE: NEW \$2.95

TELEGRAPH SET



TG-5 TELEGRAPH SET; PORTABLE UNIT USED FOR CODE COMMUNICATION OVER LAND WIRE LINES. TWO OR MORE UNITS CAN BE OPERATED IN SERIES. CAN BE USED FOR CODE PRACTICE OR TEACHING CONTAINS BELL CALL SYSTEM 1000 CYCLE TONE HOWLER, TEL. KEY, HEADPIECE, CANVAS CASE, BOOK ETC. REQUIRES 22.5 AND 2 1.5 VOLT BATTERIES FOR OPERATION. LESS BATT. SIZE: 5x10x5; WT: 8 LBS. PRICE: NEW \$9.95

FAIR RADIO SALES

2133 ELIDA ROAD

Route 30 South -- West of Lima
BOX 1105, LIMA, OHIO 45802

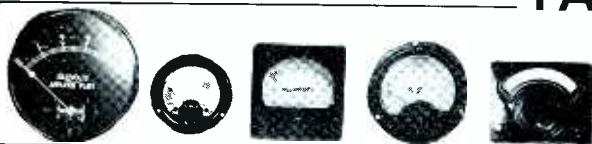
TELEPHONE 226-6716

STORE HOURS

MONDAY THRU SATURDAY

9:00 A.M. TO 5:30 P.M.

SIZES INDICATED ARE FOR METER HOLE OPENING



VOLTMETERS

- 0-150 AC Round flush type for 2-1/8" hole, Bakelite case. Westinghouse type NA-33, 25 to 125 cycles. Signal Corps No. 3F8150-89 6.25
- 0-300 AC 3" round flush type, bakelite case, Simpson and General Electric Mfg. Signal Corps No. 3F8300-28 7.50
- 0-15 AC-DC Voltmeter 2 1/2" RD. USED No. IS-122 2.95
- 0-30 DC Round flush type, for 2 1/2" hole. General Electric Mfg. Model 85W53AAL. Stock No. 2DA7 5.75
- 0-300 DC Round flush type, bakelite case, shielded, for 2 1/2" hole. Sun Mfg. Model 2AU346. Stock No. 159E-12 5.75

MILLIAMMETERS

- 50-0-50 DC 3" round flush type, bakelite case. Sangamo and Weston model 301. Signal Corps No. 3F3327 6.25

- 0-100 DC 3" round flush type, bakelite case. De-Jur model 310. Signal Corps No. 3F910-1 6.95

- 0-800 DC 3" round flush type, bakelite case, calib. for 1/8" steel panel. Signal Corps No. 3F980-2 6.95

R.F. METERS

- 0-10 AMPS 2-3/4" flange, for 2 1/2" hole, bakelite case. Weston model 507, Signal Corps No. 3F1010-24 5.95

- 0-1 AMPS 3" round flush type, bakelite case, Triplett model 0341-T or Weston model 425. Signal Corps No. 3F1001-31 6.25

- 0-100 MA For 2-1/8" hole, metal case. Calib. for 1/16" steel panel, with Thermocouple. General Electric model AAN21, type DW-52. Signal Corps No. 3F912 5.50

AMMETERS

- 0-30 DC 3" round surface mounting. Roller-Smith type TDS. Signal Corps No. 3F1030-9 6.95

- 0-30 DC 2" round flush type, metal case. Hoyt Meter Co. No. H17-3, scale has marking for 12 volt and 6 volt. Signal Corps No. 3F1030-22 5.50

- 0-1.5 DC Millamp. Tube checker scale 2 1/2" flush mtg. P/O I-56A W.No. 685-2 2.95

TERMS

PRICES NET, F.O.B. LIMA, O. SEND CASH, CHECK OR MONEY ORDER with PURCHASE ORDER

MINIMUM ORDER \$3.00. Orders less than \$3.00 ADD \$.50 HANDLING CHARGE.

Include sufficient money for shipping charges. (UNUSED PAYMENTS RETURNED AT ONCE.) Otherwise we will send shipping charges collect.

C.O.D. ORDERS, SEND 25% of PURCHASE WITH ORDER. BALANCE will be COLLECTED UPON DELIVERY.

When writing for information PLEASE state what specific information you desire.

GENERAL ELECTRIC



A-C VOLTMETER
TYPE AO-22 3 1/2" RD 0-15 SCALE
25-133 CYCLE \$2.95

D-C VOLTMETER
TYPE DO-41 3 1/2" RD.
0-150 SCALE \$2.95

0-1.5 " " " \$2.95

D-C MILLIAMMETERS
TYPE DO-41 3 1/2" RD
0-200 OR 0-750 SCALE \$2.95 EACH

RF AMMETER
TYPE DO-44 3 1/2" RD.
0-20 SCALE \$3.95

GE 2 1/2" RD. AC VOLT 0-150
60 CYCLE TYPE AW-41, USN
#22085 OR EQUAL \$2.95

DB METER 3 1/2" RD.
WEST. TYPE NC35
SCALE 10-0-6
USED \$3.95
UNUSED 4.95



R.F. AMPERES 0-4 SCALE W/ THERMOCOUPLE. 2 1/2 x 3 1/2, PANEL OR PORTABLE IN/OUT CIRCUIT SWITCH. WESTON LTD #10A/12667 \$3.95	DC AMPERES 3 1/2" 0-300 SCL USE W/SHUNT 50 MV/200 A WESTON-M-643 ORD#173030 \$6.95	RF MILLIAMP 2 1/2" 0-150 SCALE SIMPSON MODEL 35 \$3.95	MICRO-AMPS DC 0 - 200 3 1/2" F/STEEL PLATE WESTERN ELECT #167807 \$4.95

DC AMPERES 2-3/4", 0-1sc 0-10KILOVOLT SCALE REQ. 1 AMP. SHUNT. BASIC FS 1MA GE# KS-14346 TYPE#A268AY1 \$3.95	DC VOLTS 2 1/2" 0-500 SCL BASIC FS 500V RUGGEDIZED ALUMINUM PAN- EL ASSY. BURLINGTON STK#3F8C10-33 \$3.95	MICROMHOS DYNAMIC MUTU- AL CONDUCTANCE USED IN I-177 TUBE CHECKER BASIC 0-1.4 MA. HICKOK #M547A STK#3F1350 \$4.95	DC MILLIAMPER 2-3/4" 0-15 0-300 SCALE USE EXT. SHUNT .35 OHM USED W/BC-669 VARIOUS MFG. STK#3F930-14 \$4.95

DC MILLIAMMETER 3 1/2" RD. 0-100 SCALE 50 MICROAMP MOVEMENT. TRIPPLET # REL12455 \$4.95	D.C. AMPERES 0 - 200 2 1/2" METAL CASE BEEDE ELECT. # 3FK1100-11 \$2.95	AC VOLTS 400 CYCLE 2-3/4" 0-150 SCALE WEST#29566N2 FED#7608430 \$2.95	MICRO-AMPS 100 - 100 1 1/2" DIA. 7/8" SINGLE HOLE MTG. INTERNATIONAL \$3.95

DC AMPERES 2-1/16" 0-120 SCALE EXTERNAL SHUNT REQ. AERO#C-120 NSD#R17A5730 \$1.95	TUNING METER 2" TUNE FOR MAX. SCALE. 2 MA. RIGHT, 5 MA. LEFT. 5 OHM DC RES. USED IN RADIO COMPASS REC. #1-70 \$1.50	D-C MILLIAMP 3" SG. 0-50 SCALE 0-1 MA. BASIC GE TYPE#D053 #7764612PT6 \$2.95	ANTENNA CURRENT INDICATOR 0-10 RF W/ THERMOCOUPLE WESTON 507 F/BC-442 USED \$1.25

	WESTON METERS MODEL 610 0-25 AC AMPERES 4" x 4 1/2" \$9.95 " " 0-150 AC VOLTS 4" x 4 1/2" 9.95 " 961 0-50 DC VOLTS 4" x 4 1/2" 9.95
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BALLANTINE ELECTRONIC VOLTMETER
MODEL 300, FREQUENCY RANGE 10 TO 150,000 CYCLES, VOLTAGE RANGE 1 MILLIVOLT TO 100 VOLTS. INPUT IMPEDANCE 1/2 MEG. SHUNTED BY 30 MMFD. ACCURACY 2% TO 100 KC, 3% ABOVE 100 KC. ALSO DB SCALE MOUNTED ON 19" PANEL FOR RACK, CAN BE REMOVED FOR PORTABLE USE.
PRICE: \$99.50

VACUUM TUBE BRIDGE CHECKER
W/10 SOCKET ADAPTERS. SIMILAR TO GR-561D. TAFFET #T-310-6559.
SIZE: 19x16x10
WT: 40 LBS.
RECOND. \$99.50

A.C. OUTPUT METER T-650
SCALES 0-1.5/0-6/0-15/0-60/0-150. SIZE 3x6x3
USED CHECKED \$4.95
DEFECTIVE AS-IS 2.00



RESISTANCE LIMIT BRIDGE
LABORATORY TEST UNIT THAT USES TWO 10,000 OHM 0.1 PERCENT RESISTORS AS 1:1 RATIO RESISTORS IN A WHEATSTONE-BRIDGE CIRCUIT. THE OUTPUT IS THEN FED INTO A VACUUM TUBE VOLTMETER CIRCUIT WITH THE METER 4 1/2" CALIBRATED IN DIRECT PERCENTAGE 20-0-20. WITH PRECISION WITHIN 1% THIS UNIT WILL CHECK ANY RESISTORS FROM 100 OHMS TO 1 MEGOHM. THIS IS DONE BY CONNECTING A RESISTOR OF KNOWN VALUE AND ACCURACY IN THE CIRCUIT AND THEN THE UNKNOWN RESISTORS ARE INSERTED IN THE TEST TERMINALS AND THE PERCENTAGE OF ERROR IS SHOWN ON THE METER, WESTON TYPE 643. RACK TYPE MOUNTING 5 1/2 x 19". #T-301390 PRICE: \$34.50

THE ABOVE UNIT CAN ALSO BE SUPPLIED IN A CABINET WITH A 3 1/2" PANEL THAT HAS TWO FIVE DECK 20 CONTACT ROTARY SWITCHES WIRED TO A TERMINAL DECK. PRICE: \$44.50

LAB TEST EQUIPMENT

THIS IS ONE OF THE FINEST LOT OF LABORATORY TEST EQUIPMENT WE EVER HAD OCCASION TO OBER. IT WAS ALL RECENTLY RECONDITIONED AND NOT USED SINCE.

WESTON #931	TYPE	SCALE	PRICE
"	D.C. VOLTMETER	0-50	\$39.50
"	"	0-150	"
"	"	0-300/450	"
"	"	0-300	"
"	" MILLIAMP	0-500	"
"	"	0-1000	"
"	" AMPERES	0-50/100	"

KEPCO KR6M REGULATED DC POWER SUPPLY, DC OUTPUT 195 TO 325 VOLTS, 600 MA, REGULATION .1% AC FILAMENT OUTPUTS, INPUT 105 TO 125 VOLTS 60 CYCLE.
SIZE: 10 1/2 x 19 x 13 FOR RACK MTG. SHPG. WT: 100
PRICE: USED \$60.00

SHASTA 702A REGULATED DC POWER SUPPLY 0-150 & 600 VDC 200 MA. USED \$49.50

GENERAL RADIO VARIACS
PANEL MOUNTINGS
115 VOLT 60 CYCLE
#200-B 1 AMP. \$6.95
V-5 5 AMP (NO DIAL OR NUMBER PLATE) \$10.95
230 VOLT 60 CYCLE
#V-5H 2 AMP. \$12.95

WESTON PANEL METERS

D-C VOLTMETERS
MODEL #301 3 1/2" RD
0-150 0-300
0-200 0-350
0-250 0-500
\$6.95 EACH.

D-C MILLIAMMETERS
MODEL #301 3 1/2" RD
0-50 0-200
0-100 0-300
\$6.95 EACH.

A-C MILLIAMMETERS
MODEL #475 3 1/2" RD
0-100 0-250
\$6.95 EACH.

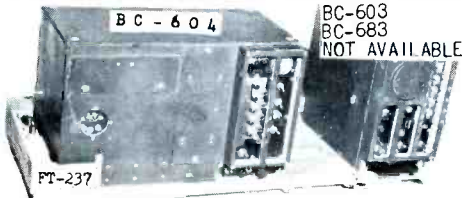
D-C VOLTMETERS
MODEL #301 3 1/2" RD
300-0-300
\$6.95 EACH.

A-C VOLTMETERS
MODEL #476 3 1/2" RD
0-10 0-150
0-100 0-500
\$6.95 EACH.

FM

TRANSMITTERS-RECEIVERS

AM



BC-604 TRANSMITTER USED \$4.95

FREQ. RANGE 20-27.9 MC OUTPUT APPROX. 30 WATT. 10 CRYSTAL CONTROLLED CHANNELS. FREQ. 54 TIME CRYSTAL FREQUENCY. 12 VOLT DC OPERATION WITH DM-35 DYNAMOTOR. 24 VOLT DC OPERATION WITH DM-37 DYNAMOTOR. BATTERY DRAIN 20A. ON 12 VOLT TUBE LINEUP: 1619 DOUBLER, 1619 TRIPLER, 1619 1ST RF AMPLIFIER, 1619 RF RECTIFIER, 1624 POWER AMPLIFIER. SIZE: 18" L x 11 1/2" H x 10 3/8" D. WT: 60 LBS. LESS DYNAMOTOR. RE-NEW \$7.95

BC-684 TRANSMITTER SAME AS BC-604 FREQUENCY RANGE 27 TO 39.1 MC USED \$6.95

BC-924 TRANSMITTER New \$12.95 Used \$8.95



FREQ. RANGE 27 TO 39.1 MC. 12 VOLT DC OPERATION. VOLTAGE REGULATED M.O. CIRCUIT. SLUG TUNED COILS HI AND LOW OUTPUT SWITCH. 30 WATT OUTPUT ON HI POSITION. CONTAINS INTERPHONE AMPLIFIER. SCHEMATIC ENCLOSED IN CABINET. TUBE LINEUP: 6SJ7 OSCILLATOR, 6J5 MODULATOR, 6SJ7 BUFFER, 6AG7 AMPLIFIER, 815 DOUBLER, 815 FINAL, 7SL7 1ST AUDIO, 6V6 2ND AUDIO, VRI50 VOLTAGE REGULATOR. VOLTAGE REQUIRED 12 OR 24 VDC AND 400 VDC @ 400 MA. SIZE: 18" L x 11 1/2" H x 10 3/8" IN. D WT: 52 LBS

FT-237 MOUNTING BASE RE-NEW \$7.95

SHOCK MOUNT BASE TO HOLD ONE BC-924 TRANSMITTER AND ONE OR TWO BC-923 RECEIVER OR, ONE BC-603 RECEIVER. SOCKETS ON THE BASE WILL MAKE ALL OF THE NECESSARY CONNECTIONS TO THE SETS. TERMINAL BLOCK MOUNTED ON THE BASE FOR REMOTE CONTROL CABLE. WT: 44 LBS SIZE: 11 3/4" W x 1 3/4" H x 33 5/8" L.

R-48/TRC-8 RECEIVER

R-48/TRC-8 RECEIVER F.M 230 TO 250 MC. ONE BAND VARIABLE TUNING, SPEAKER PHONE JACKS, SQUELCH CIRCUIT. WITH TUBES 8/6AG7, 1/9002, 1/5U4, 1/6V6 1/VR-150, 1/6N7, 1/6SN7, 1/6AL7. OPERATES FROM 115 VOLT 60 CYCLE. SIZE: 20x19x16; WT: 75 LBS.

PRICE: USED LESS METER \$19.95

F-M RECEIVER 152-172 MC

R-394 FM RECEIVER 152 TO 174 MC, ONE CHANNEL CRYSTAL CONTROL ON ANY FREQ. IN THE RANGE. FREQUENCY DEVIATION 15 KC. AUTOMATIC GAIN & SQUELCH CIRCUITS. 1.F FREQ. 78 & 45 KC. UNITIZED PLUG IN UNIT. COMPLETE WITH 22 TUBES 14/5687, 1/5840, 1/5783, 1/5672, & 1/6AK6. (THIS REC. DOES NOT HAVE A CONTROL PANEL. THE TCS CONTROL BOX LISTED BELOW CAN BE MODIFIED FOR USE WITH THIS SET AND WE FURNISH INSTRUCTIONS. THE VIBRATOR POWER SUPPLY IS INSIDE THE UNIT AND YOU CAN HAVE YOUR CHOICE OF 6, 12 OR 24 VOLT SUPPLY. SPECIFY WHEN ORDERING. SIZE: 5 1/2 x 8 x 14; WT: 33 LBS. PRICE USED: WITH POWER SUPPLY... \$49.50 LESS " " ... 45.00 PLUG TO FIT FRONT END OF RECEIVER \$1.50



T-91/VRC-4 TRANSMITTER, AM, 25 W. CW/PHONE, 4 CRYSTAL CONTROLLED CHANNELS IN THE BAND OF 1.7 TO 8.7 MC. OR A TUNEABLE CHANNEL VARIABLE 4.0 TO 7.0 MC. WITH TUBES 1/6V6, 2/6L6 & 1/807 NO POWER SUPPLY, REQUIRES APPROX 600 VDC FOR B SUPPLY AND 6 VOLTS FOR FILAMENTS. SIZE: 15 1/2 x 11 x 14 1/2; WT: 50 LBS. UNUSED
R-114/VRC-4 RECEIVER AM, 4 CRYSTAL CONTROLLED CHANNELS 1.7 TO 8.7 MC. ONE TUNEABLE CHANNEL 190 TO 510 KC. 1F FREQ. 525 KC. FOR CW/PHONE WITH SPEAKER & TUBES 4/6SK7.1 8.2/6SQ7 & 1/6K6. VOLTAGE REQUIRED 6 V & APPROX 220 VDC SIZE: 15 1/2 x 11 x 14 1/2; WT: 40 LBS. UNUSED

T/91/VRC-4 TRANS. & R-114/VRC-4 REC. \$49.50

BC-659 RECEIVER-TRANSMITTER F.M., 27-38.9 MC. CRYSTAL CONTROL ON 2 PRESELECTED CHANNELS, USES FT-243 CRYSTALS, OUTPUT APPROX. 3 WATTS. SELF CONTAINED SPEAKER, MIC & PHONE JACKS. W/TUBES 1/1LH4, 1/1LC6, 4/1LN5, 2/1291, 4/1299, 1/1291, W/TUBES, SPEAKER & METER. REQUIRES PE-117 OR PE-120 POWER SUPPLY FOR OPERATION FROM 6/12 VOLT. SIZE: 15x13x7; WT: 30 LBS. PRICE: REC-TRANS. ONLY USED \$14.95 RN \$17.95 REC-TRANS. W/POWER SUP. " 18.95 RN \$21.95

PE-117 POWER SUPPLY ONLY USED 5.95 RN 7.95
 PE-120 " " " " 5.95 RN 7.95
 PE-97 " " " " 5.95 RN 7.95
 CS-79 BATTERY CASE EMPTY " 1.00 RN 1.95
 BX-40 CRYSTAL CASE " RN 1.95
 AN-45 TELESCOPING ANTENNA 8 FT. N 2.95

BC-788C RECEIVER-TRANSMITTER ALTIMETER, PULSE TYPE, TRANSMITTER OUTPUT 50 WATTS. FIXED FREQUENCY 440 MC. WITH TUBES 3/6J6, 1/6L6, 9/6AG5 AND 1/5Y3G1 OPERATES FROM 115 VOLT 400 TO 2400 CYCLE. SIZE: 15 1/2 x 9 x 8; WT: 13 LBS. PRICE: USED \$9.95

SONO-BUOY RECEIVER

R-156/ARR-16 FM RECEIVER USED TO RECEIVE SIGNALS FROM SONO-BUOYS IN THE FREQ. RANGE OF 62.8 TO 72.1 MC. BY USE OF THE TUNEABLE DIAL, WHICH IS VERNIER TYPE WITH COARSE AND FINE TUNING. ALSO HAS TWO AUDIO LEVEL CONTROLS, SCALE EXPANDER, PILOT LIGHT DIMMER, HEADSET JACKS ETC. IF FREQ. 8 MC. COMPLETE WITH 24 VOLT DYNAMOTOR, TUBES 5/6AK5, 2/12SG7, 3/12SH7, 1/12H6, 1/12A6, 1/VR-150, 1/12SN7 & BAL- LAST TUBE. (SEE PAGE 23 FOR SONO-BUOY TRANS.) SIZE: 10 1/2 x 8 x 17; WT: 27 LBS. POWER PLUG \$1.50 PRICE: USED \$16.95

FM RECEIVER

BC-617 FM RECEIVER & SELECTOR FREQUENCY COVERAGE 30 TO 40 MC. 10 CHANNEL TONE SELECTOR THAT ACTUATES RELAY CIRCUITS. COAXIAL ANTENNA INPUT, SQUELCH CIRCUIT, AUDIO CONTROL OUTPUT JACK ETC. COMPLETE WITH TUBES 7/12SN7, 1/12H6, 1/12SA7, 2/12SJ7, 3/12SK7 & 1/VR 105 AND 24 VOLT DYNAMOTOR. SIZE: 11x8x20; WT: 35 LBS. PRICE: UNUSED \$24.50

TRANSMITTER

WILCOX ELECTRIC TRANSMITTER #96, 2 1/2 KW, 2 TO 18 MC. CW, AM, CRYSTAL CONTROLLED. USES PLUG IN COILS BUT NOT SUPPLIED. USES TUBES 2/450TL/TH, 2/807, 1/813, 1/81 THESE TRANSMITTERS WILL BE SHIPPED IN THE SAME CRATES AS RECEIVED. NO INSPECTION WILL BE MADE SO TUBES MAY OR MAY NOT BE IN SET AND ARE OFFERED AS SUCH. NO POWER SUPPLY OR MODULATOR ARE INCLUDED. CONDITION USED AS DESCRIBED. SIZE: 12 1/2 x 24 1/2 x 72; WT: 250 LBS. \$75.00

COMPASS SYSTEM



REMOTE READING MAGNESYN COMPASS SYSTEM AIRCRAFT TYPE. CONSISTS OF A MAGNESYN COMPASS THAT TRANSMITS TO A 3" INDICATOR THAT IS CALIBRATED IN DEGREES --- N-S-E-W AND IS OPERATED BY THE 12 VOLT D.C. INVERTER THAT IS SUPPLIED WITH THE SET. SHPG. WT: 15 LBS. PRICE WITH TRANSMITTER, INDICATOR, INVERTER AND MANUAL... USED \$22.95

BC-645/ABA TRANSCEIVER, TRANSPONDER SET USED IN AIRCRAFT FOR FRIEND OR FOE IDENTIFICATION FOR USE IN THE 460 TO 490 MC. WITH 15 TUBES 4/7F7, 4/7H7 2/7E6, 2/6F6, 2/955, 1/W316 (THOUSANDS OF THESE SETS HAVE BEEN CONVERTED TO HAM BAND 420-450, MOBILE FIXED 450-460, CITIZENS 460-470, TV EXP. 470-500) SIZE: 6 1/2 x 11 x 14; WT: 20 LBS. PRICE: UNUSED \$14.95

BC-646 CONTROL BOX FOR ABOVE. \$1.95
 MOUNTING FOR CONTROL BX. 1.00
 MOUNTING FOR TRANSCEIVER 1.50
 ANTENNA ASSEMBLIES FOR SET (2) 1.95
 COMPLETE SET OF PLUGS \$4.95; INDIVIDUAL EA. \$1.50

CARRIER MONITOR

WHEN COUPLED TO TRANSMISSION LINE PROVIDES DC/AUDIO CURRENT TO LOCAL OR REMOTE POSITION. TWO VACUUM CAPACITORS 3 MMFD 15 KV. ARE SUPPLIED FOR 500 TO 50M WATT TRANSMITTER 2 TO 30 MC. INPUT/OUTPUT IMPEDANCE 600 OHM LINE. OPERATES 115/230 V 60 CYC. WITH TUBES 1/6AL5, 1/6X4, 1/6J6, 1/V103. ALSO OUTPUT JACKS ETC. OUTPUT JACKS & CONTROLS. P/N 1028017; SIZE: 6X6X8 1/2; WT: 15 LBS. PRICE: UNUSED \$8.95 LESS 2 VACUUM COND. \$5.95

BC 1158 TRANSMITTER

BC-1158 RADIO TRANSMITTER & MODULATOR 50 WATT R.F. DOUBLER, AMPLIFIER AND MODULATOR SECTIONS, A.M 53.3 TO 95 MC. COMPLETE WITH 4/815 & 10/12SN7 TUBES. CRYSTAL CONTROL ON ANY ONE SINGLE CHANNEL. USED IN AIRCRAFT FOR REMOTE CONTROL OF RECEIVERS R-150 & R-174 SHOWN ON PAGE 14. VOLTAGE REQUIRED 24 VDC & 400 VDC @ 400 MA. (FOR CONVERSION TO 6 METERS SEE CQ MAGAZINE JAN. '57) SIZE: 8 1/2 x 16 1/2 x 16 1/2; WT: 32 LBS. PRICE: NEW \$34.50

TCS REMOTE CONTROL UNIT TYPE 23270. CONTAINS ALL NECESSARY COMPONENTS FOR CONTROL OF RECEIVER AND TRANSMITTER SUCH AS ON/OFF SWITCHES, MIC. AND PHONE JACKS, VOLUME CONTROL PLUS A HEAVY MAGNET PM 5" SPEAKER & 9 PIN OUTPUT PLUG THAT FITS THE 20 FT. CABLE LISTED BELOW. SIZE: 3 1/2 x 5 1/2 x 7 1/2; WT: 7 LBS. (WILL MAKE A GOOD CONTROL UNIT FOR ANY SET. PRICE RE-NEW: \$9.95

AM-26/AIC

AUDIO AMPLIFIER USED IN AIRCRAFT ILLUSTRATED FOR INTER-COMMUNICATION. CARBON MICROPHONE INPUT, HIGH & LOW IMPEDANCE OUTPUT WITH VOLUME CONTROL. NORMALLY OPERATES FROM 24 VOLTS DC FOR FILAMENTS AND 250 VOLTS DC 60 MA. FOR B THAT WAS SUPPLIED BY A DM-32 DYNAMOTOR THAT WAS MOUNTED ON THE BACK. COMPLETE WITH TUBES 2/12J5 & 2/12A6. FOR CONVERSION TO 9 WATT AMPLIFIER SEE SURPLUS CONVERSION MANUAL #2 PRICED AT \$3.00) SIZE: 9 1/2 x 5 1/2 x 5 1/2; WT: 6 1/2 LBS. USED \$3.95

SCR 274-N ARC-5

COMMAND RECEIVERS—TRANSMITTERS

The COMMAND SET series of transmitters and receivers are the most popular surplus items on the market to-day.

The series consist of several units covering the frequency range of 190 KC to 9.1 MC for the receivers and 2.1 to 9.1 MC for the transmitters.

For those of you who are not familiar with this equipment and would like to know more about it we suggest that you purchase COMMAND SETS MANUAL for \$1.50. This book has 135 pages of conversion information including power supplies, schematics etc.

RECEIVERS

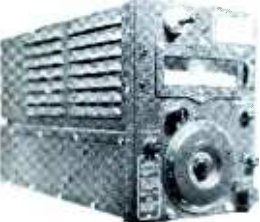
The receivers are six tube superhete using the following tubes, 1/12A6, 2/12K8Y, 3/12SK7 & 1/12SR7. Designed to operate from 24 VDC dynamotor, which mounted on the rear of the set, supplying 250 VDC 60 MA. Size of set 5 x 5 x 11 WT. 6 lbs.



BC-453/R-23 190 to 550 KC used \$16.95
BC-946/R-24 520 to 1500 KC no stock
/R-25 1.5 to 3.0 MC New \$19.95

TRANSMITTERS

The transmitters with proper use can put out 50 watts or CW and watts on voice, with the use of the BC-456 modulator which is a separate unit. Dynamotor used with equipment is a DM-33 24 VDC input output 575 VDC 175 MA & mounts on the modulator. Tubes used 2/1625, 1/1626 & 1/1629 magic eye tube for crystal calibration. Size 5 x 7 x 12 WT. 9 Lbs



T-17/ARC 1.5 to 2.1 MC NEW \$14.95
T-18/ARC 2.1 to 3 MC NEW 8.95
T-19/ARC 3 to 4 MC used 9.95
T-20/ARC 4 to 5.3 MC NEW 8.95
T-21/ARC 5.3 to 7. MC NEW 9.95
T-22/ARC 7. to 9.1 MC no stock
T-23/ARC 100 to 156 MC used 18.95

BC-456 MODULATOR AND DYNAMOTOR MOUNTING. USED WITH COMMAND TRANSMITTER COMPLETE WITH TUBES 1/1625, 1/12J5, VR-150. SIZE: 7x8x10; WT: 10 NEW \$3.95 USED LESS COVER \$2.50

AC 115 VOLT 60 CYCLE POWER SUPPLY FOR COMMAND RECEIVERS WITH SPEAKER, VOLUME CONTROL, CW CONNECTOR PLUG ETC. (SEE PAGE 20) \$18.95

35x032 DYNAMOTOR 12 VOLT. \$ 4.95
DM-32 " 24 V. U. \$2.95 N 4.95
SPIN TUNING KNOB FOR REC. 1.00
CONNECTOR PLUGS F/REC-TRANS. 1.50

C-26/ARC CONTROL BOX 1 REC. U1.50
BC-496 " " 2 " N1.95
BC-451 " " 1 TRA. U1.50

AMPLIFIER

AM203B/ARA-19 AMPLIFIER; PART OF REMOTE COMPASS TUNING SYSTEM AS USED WITH ARN-6 RADIO COMPASS. PROVIDES AN ACCURATE MEANS OF TUNING ELECTRICALLY. WITH 2/26A7 TUBES 1/12SN7 TUBE. OPERATES FROM 24 VOLT D.C. ALSO HAS 3 SEALED RELAYS, COND. RES. ETC. SIZE: 5x6x4 1/2; WT: 5 LBS. RE-NEW \$3.95



RAX-1 RECEIVER; FOUR BAND 200 TO 1500 KC. LARGE 4" DIAL, C.W. MCW, ANT. TRIM., VOL. CONT. AND PHONE JACK ALL ON FRONT PANEL. W/TUBES 3/12SK7, 1/12K8, 1/12SR7 & 1/12A6. VOLTAGE REQ. 24 VOLT FILAMENTS & 200-220 VDC. 80 MA. SIZE 7 1/2 x 7 1/2 WT: 25 LB. RE-NEW \$29.95
A.C SUPPLY W/SPEAKER/CASE \$18.95
SHOCKMOUNTING F/RECEIVER 2.50

BC-1335

F-M RECEIVER TRANSMITTER



CRYSTAL CONTROL ON ANY TWO PRE-SET FREQ. IN THE 27 TO 38 MC. BAND USING FT-243 CRYSTAL HOLDER APPROX. 2 WATTS OUTPUT. VIBRATOR TYPE POWER SUPPLY THAT OPERATES FROM 6 OR 12 VOLTS DC. USES 18 TUBES, 7/1L4, 2/1R5, 5/3A5, 2/3C4, 1/1A3 & 1/6AF6G. THESE SETS ARE USED AND SOLD AS IS LESS TUBES AND VIBRATOR. THEY WILL REQUIRE SOME WORK. SIZE: 13 1/2 x 12 1/2 x 6 1/2; WT: 30 LBS. USED \$6.95

RT-19/ARC-4 TRANSMITTER

RECEIVER



AMPLITUDE MODULATED SET COVERING THE FREQ. OF 140 TO 144 MC FOUR CHANNEL CRYSTAL CONTROL, OUTPUT 10 WATTS. WITH TRANSMITTER. TUBES 2/6L6, 1/832, 2/1614, 2/6V6, 4/6N7, 2/6AC7, 3/12SJ7, 2/12A6 & 2/12SO7. VOLTAGE REQUIRED 325 VDC @ 255MA. & 12.6 @ 5.3A OR 24 @ 2.7A. SET USUALLY OPERATES FROM A 12 OR 24 VOLT DYNAMOTOR WHICH CAN BE PURCHASED SEPARATELY. CONVERSION FOR TWO METERS CAN BE FOUND IN SURPLUS CONVERSION MANUAL, PRICED AT \$3.00. (USED) SIZE 10 1/2 x 8 x 20; WT: 20 LBS. TRANS-REC. U. \$22.95
DY-10 DYNAMOTOR 12 OR 24 VOLT USED \$14.95
DY-9 " " " " " 9.95

AC BEACON RANGE RECEIVER

BC1206-C BEACON RECEIVER



BC-1206 AIRCRAFT BEACON RECEIVER 200 TO 400 KC. OPERATES FROM 24 VDC 1.5 AMPS. 135 KC IF. COMPLETE WITH TUBES 2/14H7, 1/14J7, 1/14R7 & 1/28D7. CONTINUOUS TUNING VOLUME CONTROL, ON/OFF SW. & PHONE JACK. SIZE: 4x4x6 1/2. WT: 5 LBS. SHOWN TO RIGHT. PRICE: USED CHECKED FOR OPERATION \$9.95 REC. ONLY

AC BEACON RANGE RECEIVER IN CABINET WITH 115 VOLT 60 CYCLE POWER SUPPLY & 4" PM SPEAKER, READY TO OPERATE. SIZE: 10x6x6; WT: 18 LBS. PRICE, COMPLETE WITH NEW CABINET & POWER SUPPLY AND USED RECEIVER CHECKED \$29.95
SAME AS ABOVE, LESS RECEIVER.. 18.95

POWER SUPPLY ONLY. 115 VOLT 60 CYCLE OPERATION OUTPUT 24 VOLTS DC 1.5 AMPS. MOUNTED ON METAL CHASSIS 6x5x7; WT: 5LBS. KIT...\$7.00 WIRED \$9.95



R-4/ARR-2 RECEIVER 234-258 MC. 11 TUBE AIRCRAFT UNIT FOR RECEPTION OF DOUBLE AMPLITUDE MODULATED CARRIER OPERATES FROM 24 VDC & 250 VDC 60 MA. COMPLETE WITH TUBES 3/6AK5, 7/9001 & 1/12 A6. SIZE: 5x5x11; WT: 6 LBS PRICE: RE-COND. \$6.95

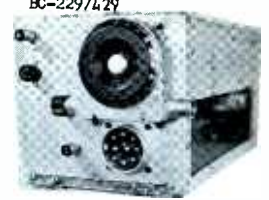


COMMAND SET RACKS & FLEXIBLE SHAFT
FT-234 HOLDS ONE TRANSMITTER \$1.50
FT-226 " TWO " 2.00
FT-331 " FOUR " 3.00
FT-233 " ONE RECEIVER 2.00
MT-63/ARC" TWO " 1.50
FT-200 " THREE " 2.00
FT-225 " ONE MODULATOR 1.50
MC-215 FLEXIBLE SHAFT 6' 1.50
MORE THAN 6' EA. EX. FT.25

TRANSMITTERS - RECEIVERS

BC-230/430

BC-229/429



BC-230/430 TRANSMITTER

Transmitter approx. 10 watts Voice and 20 watts CW in the frequency range of 3000 to 7700 KC by use of plug in coils. Uses tubes 2/10Y, 2/45. Output meter 2" 0 to 1.5 RF. MO control on front panel. Voltage required approx 300 VDC for plates & 12VDC for BC-230 & 24 VDC for BC-430. Size 13"x8"x7". WT. 10 1/2 lbs.

Price with tubes, plug in coils & schematic, USED \$8.95

BC-229/429 RECEIVER

Receiver TRF, uses plug in coils to cover the frequency range of 201 to 398 & 2500 to 7700 KC. Six tubes 1/37, 1/38, 4/39. Voltage required 220 VDC to 275 VDC 80 MA. & 12 VDC for BC-229 & 24VDC for BC-429. Size 16 x 8 x 7. WT 12 lbs. Price with tubes, plug in coils & schematic, used \$8.95

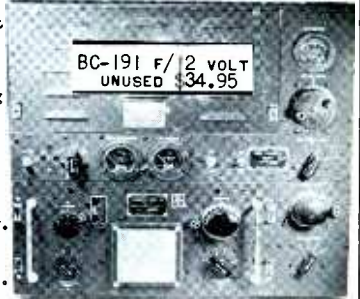
BD-83 Dynamotor 12 VDC to operate Rec & Trans. Unused \$6.95

ADDITIONAL EQUIPMENT

Control Box BC-231 F/ receiver or BC-232 F/ trans. each \$1.00
Connector plugs for rec, trans., dynamotor or boxes, " \$1.00
Schematic showing rec, trans, boxes etc. \$1.00
Tuning knob for Receiver local control \$1.00
Remote tuning head for receiver \$2.00
Remote tuning shaft for receiver, specify length \$1.50
Separate coils for receiver, specify frequency coverage \$1.75
Dual coil 201-398 & 2500-4700 or 4700-7700 each.
Separate coils for transmitter, specify frequency coverage. \$1.75
2500-3200, 3200-4000, 4000-5000, 5000-6200, 6200-7700.
Mountings for Rec., Trans, Dyn., Each mounting \$1.50

BC-375 TRANSMITTER BC-191

TRANSMITTER AM 100 Watt CW - MCW - Voice, Frequency coverage 200 - 500 KC & 1500 - 12,500 KC. by use of plug in tuning units listed below. Tube line up 1/10Y & 4/WT-4C (211). Complete with tubes, less tuning units. Requires 12VDC for BC-191 & 24 VDC for BC-375 filaments & relay. 1000 VDC 350 MA. plates. Meters 2" for reading 0-8 RF, 0-500 MA, & 0-15 DC. With schematics.



BC-191 F/12 VOLT OR BC-375 F/24 VOLT UNUSED \$34.95

TUNING UNITS for BC-191 & BC-375

	USED	NEW
TU-5 1.5 to 3 MC \$ N.S	\$3.95	\$5.95
TU-6 3 to 4.5 MC	3.95	5.95
TU-7 4.5 to 6.2 MC	3.95	5.95
TU-8 6.2 to 7.7 MC	3.95	5.95
TU-9 7.7 to 10 MC	3.95	5.95
TU-10 10 to 12.5 MC	3.95	5.95
TU-26 200 to 500 KC	3.95	5.95
BC-306 Antenna Tuner	N.S	5.95

Price of tuning units less case. With case \$5.00 additional.
Dynamotors BD-77/12 Volt; PE-73/24 Volt, Used \$12.95
PLUGS for transmitter or dynamotor; each plug \$1.00
Cables with PL-61, PL-64 or PL-59 ea end. Each cable \$2.75

AMPLIFIER



AM-142/AIC MIXER AMPLIFIER USED IN LARGE AIRCRAFT INTER-COMMUNICATION SYSTEMS AS A AUDIO LINE MIXER AND BOOSTER. INPUT IMPEDANCE 500 OHM, OUTPUT 600 OHM. OPERATES FROM 24 VOLTS DC AND IS COMPLETE WITH ONE 26A7 TUBE AND SCHEMATIC. SIZE: 5x5x2; WT: 2 1/2 LBS. USED \$1.25

R-443/ARN-50 GLIDE PATH RECEIVER R-430 USED \$6.95

USED IN AIRCRAFT TO RECEIVE A MODULATED SIGNAL 90 & 150 CYC ON 332.6, 333.8 MC. OPERATES FROM 24 VDC. COMPLETE WITH TUBES 7/6AJ5, 2/12SN7 & 1/28D7 SIZE: 5 1/2 x 6 1/2 x 11; WT: 12 LBS. PRICE: USED \$7.95 (NO CRYSTALS)

R-268/ARN-5 USED \$6.95. R-89/ARN-5 USED \$5.95

SCR-522 RADIO SET

100-156 MC

RECEIVER-TRANSMITTER AM, FOUR CHANNEL, CRYSTAL CONTROL, 30 WATT OUTPUT, 18 TUBES AS FOLLOWS; TRANSMITTER, 1/6SS7, 2/832, 3/12A6, 1/6G6. RECEIVER: 1/9002, 1/9003, 3/12A6, 1/12C6, 2/12AH7, 1/12H6 & 3/12SG7. BOTH UNITS CAN BE REMOVED FROM CASE SEPARATELY. OVERALL SIZE: 16 1/2 x 12 1/2 x 10-3/4" WT: 49 LBS. PRICE: USED \$29.95



RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE: USED WITH TUBES \$14.95 NO TUBES \$7.95

RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED, WITH TUBES \$14.95 NO TUBES \$7.95

TRANSMITTER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED WITH TUBES \$18.95 NO TUBES \$7.95

BC-602 CHANNEL SELECTOR CONTROL BOX WITH PUSH BUTTONS. BC-602B USED \$1.95 BC-602D NEW \$2.95

NOTE: FOR THE MICROPHONE & PHONE CIRCUITS JACKS CAN BE INSTALLED IN THE BC-602

JB-29 JUNCTION BOX NEW \$2.95
AN-104 ANTENNA, METAL COVERED WOOD NEW 1.95
PE-98 DYNAMOTOR 12 VOLT USED 9.95
PE-94 " 24 " 4.95

PLUGS REQUIRED FOR THE EQUIPMENT

SCR-522 RECEIVER-TRANSMITTER REQUIRES THE FOLLOWING PLUGS, PL-173 TO ANTENNA, PL-169 TO DYNAMOTOR, PL-170 TO JB-29 JUNCTION BOX. \$1.50 EACH

BC-602 CONTROL BOX, REQUIRES FOLLOWING PLUGS, PL-169 TO JUNCTION BOX. \$1.50 EA.

PE-98 OR PE-94 DYNAMOTOR REQUIRES FOLLOWING PLUGS, PL-172 TO BATTERY, PL-171 TO RECEIVER-TRANSMITTER. \$1.50 EA.

JB-29 JUNCTION BOX, REQUIRES THE FOLLOWING PLUGS, PL-170 TO RECEIVER-TRANSMITTER, PL-169 TO BC-602 CONTROL BOX. \$1.50 EA.

RA-62 AC POWER SUPPLY FOR SCR-522, OPERATES FROM 115/230 VOLTS 60 CYCLE, SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION. SIZE: 16x11x11; WT: 75 LBS. PRICE USED \$59.50 REQUIRES PL-171 PLUG FOR HOOK-UP TO REC-TRANS PRICE \$1.50. AC LINE CORD DETACHABLE TYPE \$1.00

BC-733 RECEIVER 108.3-110.3 MC AM

AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-POINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY. OPERATES ON SIX CRYSTAL CONTROL PRESET FREQ. COMPLETE WITH TEN TUBES: 1/12AH7, 2/12SG7, 3/717, 2/12SR7, 1/12SQ7 & 1/12A6. VOLTAGE REQUIRED; 24 VDC & 220 VDC 80 MA. WITH SCHEMATIC. SIZE: 13 1/2 x 5 x 7; WT: 17 LBS. PRICE: USED \$5.95

1-101C CROSS POINT INDICATOR, USED \$1.95
PL-257 PLUG TO FIT 1-101C 1.50

BC-732 CONTROL BOX USED \$1.95 NEW \$2.95
CABLE WITH PL-254 TO FIT BC-733 REC. AND PL-256 PLUG TO FIT BC-732 CONTROL BOX 3 FT. PRICE: \$4.95 PLUGS ONLY 1.50

DM-53 DYNAMOTOR 24 VOLT USED \$4.95 NEW \$6.95
DM-53 AZ " 12 " NEW 7.95
AS-27 RAMS HORN ANTENNA \$5.95
PL-284 TWIN COAX PLUG F/BC-733-AS-27 1.00

R-65/APN 9 RECEIVER INDICATOR

LORAN SYSTEM AS USED ON BOATS AND IN AIRCRAFT. PROVIDES ACCURATE MEANS OF DETERMINING POSITION FROM FIXED TRANSMITTING STATIONS WHEN DESIRED AND OTHER MEANS ARE INEFFECTIVE. CONSISTS OF A RECEIVER, OPERATING IN THE MARINE BAND, AND INDICATOR USING A 3" CATHODE RAY TUBE FOR PRESENTATION OF THE RECEIVED SIGNALS. OPERATES FROM 24 VDC & 115 VOLTS 400 TO 800 CYCLES. SIZE: 9 1/2 x 12 1/2 x 30 1/2; WT: 36 LBS. PRICE: USED, LESS TUBES & LENS..... \$19.95
" " WITH " " 49.50



ARC-3 100-156 MC

R-77/ARC-3 VHF AIRCRAFT TYPE AM RECEIVER, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 9001, 9002, 12A6, 12H6, WITH TUBES 9001, 9002, 12A6, 12H6, 12SH7, 12SL7, 2/12SN7, 3/12SG7 & 6/6AK5. VOLTAGE REQUIRED 24 VDC & 210 VDC 125 MA. SIZE: 11x7x15. WT: 21 LBS. WITH SCHEMATIC PRICE: USED WITH TUBES \$22.50 CONNECTOR FRONT OF SET \$2.50

T-67/ARC-3 VHF AIRCRAFT TYPE TRANSMITTER AM, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 2/832 2/6L6, 1/6J5, 3/6V6 & 1/12SH7. VOLTAGE REQUIRED 24 VDC & 410 VDC 325 MA. SIZE: 15 1/2 x 7 x 12 1/2. WT: 21 LBS. PRICE: USED WITH TUBES..... \$22.95 CONNECTOR FRONT OF SET \$2.50



JB-68 JUNCTION BOX FOR ARC-3 RADIO SET USED TO MOUNT DYNAMOTORS DY-22 FOR REC & DY-21 FOR TRANS. ALSO HAS CONNECTOR PLUGS TO HOOK UP REC, TRANS, CONTROL BOX & POWER & RELAYS. SIZE: 10 1/2 x 3 1/2 x 8 1/2. WT: 7 LBS. PRICE USED..... \$7.95 CONNECTOR PLUG FOR EACH FACILITY \$2.50 EACH

C-118/ARC-3 CONTROL BOX FOR RECEIVER AND TRANSMITTER. HAS EIGHT PUSH BUTTONS FOR CHANNEL SELECTION AND ONE FOR OFF. SIZE: 6x3x7 WT: 2 LBS. PRICE: \$4.95 CONNECTOR PLUG U-16/U 2.50

IE-36 TEST SET FOR SCR-522 REPRODUCES THE OPERATING FUNCTIONS OF THE CONTROL BOX & JACK BOXES OF THE RADIO BY PROVIDING HEADPHONE & MICROPHONE, CHANNEL SELECTION PLUS ALL OTHER CONTROLS NECESSARY TO OPERATION AND TESTING. CONTROL UNIT BC-1303 PLUGS DIRECTLY INTO THE SCR-522 ALSO HAS PHANTOM ANTENNA & CORD, LAMP EXTRACTOR, ADAPTER PHONE CORD, INSTRUCTION BOOK AND CARRING CASE, 10x10x4; WT: 8 LBS. PRICE: NEW \$6.95

SCR-522 CABLES WITH PLUG ON ONE END AND LUG TERMINALS ON THE OTHER. EACH CABLE \$2.95
CX-58/VRC-1 PLQ-170 PLUG & LUGS, 36" LONG.
CX-60/VRC-1 PL-169 " " " 36" "
CX-62/VRC-1 PL-172 " " " 66" "

TRANSCIEVER

BC-745 AM TRANSMITTER-RECEIVER COVERING THE FREQ. RANGE OF 2-6 MC PHONE, WITH A RANGE OF FIVE MILES UNDER FAVORABLE CONDITIONS. CRYSTAL CONTROL ON TWO PRESELECTED FREQ. BY USE OF PLUG IN COIL & CRYSTAL ASSY. BC-746. THE SET SIZE IS 6x6x6 AND IS MOUNTED ON A 32" STAFF AND HOUSES THE TELESCOPING ANTENNA WHEN NOT IN USE. COMPLETE WITH TUBES, 1/1S5, 3/1T4 & 5/3S4 & ONE PLUG IN FREQ. ASSY. VOLTAGE REQUIRED 1.5 VDC/50 MA, 67.5 VDC/20 MA & 105-125 VDC/50 MA. WT: 10 LB PRICE: USED, \$14.95 UNUSED \$19.95



BC-746 PLUG IN COILS & CRYSTAL ASSEMBLIES CHANNEL #1 3010 Kc CHANNEL #12 5030 Kc CHANNEL #5 5500 Kc CHANNEL #13 5305 Kc ONE OF THE ABOVE SUPPLIED WITH PURCHASE OF SET, ADDITIONAL UNITS \$1.95 EA.

T-39 CHEST UNIT THAT WAS USED TO CARRY DRY CELL BATTERIES, ALSO HAS MICROPHONE, PHONE JACK AND NECESSARY CABLE FOR CONNECTING TO RADIO SET. PRICE: USED, \$3.95 UNUSED \$5.95

PE-157 VIBRATOR POWER SUPPLY; OPERATES FROM 2 VOLT WET BATTERY BB-54 WHICH IS INSTALLED INSIDE THE CASE THAT SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION OF THE RADIO SET ALSO HAS 4" PM SPEAKER, CARRING HANDLE AND CABLE FOR CONNECTING TO SET. SIZE: 11 1/2 x 5 1/2 x 8 1/2 WT 17 PRICE: USED NO SPEAKER \$10.95 WITH SPK. \$12.95 NEW " " 12.95 " " 14.95

MN-40 INDICATOR 0-360 DEGREE SCALE 5" WITH VAR. ADJUSTMENT. SAME AS I-82 INDICATOR ONLY OPERATES MECHANICALLY INSTEAD ELECT BY USE OF SPLINED CONNECTORS AS USED ON MC-124 SHAFT. CONTROL BOXES MN-28C/MN-26C MN-28LB/MN-26LB USED \$3.95 EA. CONNECTOR PLUGS RECEIVER \$2.50 CONTROL Bx 2.50 FLEXIBLE SHAFT 20" \$1.50 5 1/2' \$2.-8' \$3.00



COMPASS RECEIVER

AN/ARN-7 RADIO COMPASS RECEIVER 100 TO 1750 KC USED FOR AIRCRAFT DIRECTION FINDING BUT CAN ALSO BE USED ON BOATS. THE RECEIVER IS A SUPERHETERODYNE WITH ADDITIONAL CIRCUITS FOR OPERATION OF THE AURAL RECEPTION AS SHOWN ON THE INDICATORS. COVERS THE FREQUENCY RANGE OF 100 TO 1750 KC IN FOUR BANDS CONTINUOUS TUNING FROM CONTROL BOX WHICH IS A SEPARATE UNIT. UNIT OPERATES FROM 115 VOLT 400 CYC & 24 VDC AND IS COMPLETE WITH TUBES 4/6K7, 1/6L7, 1/6J5, 2/6B8, 2/6F6, 1/6N7, 1/5Z4, 1/6SC7 & 2/2051. SIZE: 12x8x19; WT 45 LBS. R-5/ARN-7 RECEIVER ONLY, USED \$29.95

ITEMS LISTED BELOW ARE REQUIRED FOR ADF OPER.
C-4/ARN-7 CONTROL BOX USED \$3.95 NEW \$5.95
I-81/AINDICATOR 3" " 2.95
I-82A " 5" " 3.95
LP-21 AM LOOP ANTENNA " 9.95
FT-224 MOUNTING F/C-4CB " 1.50
MG-149F INVERTER " 14.95
MC-203 SHAFT COUPLING "T" " 1.00
MC-136 SHAFT " RT/ANGLE " 2.50
BK-22 RELAY JUNCTION BOX " 2.95
MC-124 FLEXIBLE SHAFT 2 FT. 1.50
CD-365 CABLE FOR LOOP 5 FT. 2.75
PL-122 CONNECTOR PLUG FOR RECEIVER 2.50
PL-112 " " " LOOP 2.50
PL-118 " " " I-81 OR I-82 2.50

BC 433 COMPASS RECEIVER ADF SAME AS R-5/ARN-7 RECEIVER SHOWN AND DESCRIBED ABOVE ONLY COVERS THE FREQUENCY RANGE OF 200 TO 1700 KC AND USES ALL THE SAME ACCESSORIES WITH THE EXCEPTION OF THE CONTROL BOX WHICH IS BC-434A PRICED AT \$3.95 USED. BC-433 RECEIVER ONLY, WITH TUBES USED \$12.95

MN-20C MANUAL ROTATABLE LOOP ANTENNA USED WITH RA-100B & MN-26 RECEIVERS AS A DIRECTION FINDING ANTENNA IN THE 150 TO 1500 KC RANGE. 7 LBS. USED \$2.95 NEW \$3.95
MC-124 FLEXIBLE SHAFT FOR USE WITH LOOP 10 FT. \$1.95
AC-58267-2 CABLE 5 WIRE SHIELDED FOR ANTENNA CONNECTIONS. 8 FT. PLUG ONE END ONLY. \$1.95
MN-52 AZIMUTH CONTROL FOR MANUAL TURNING OF LOOP WITH CRANK AND BY USE OF FLEXIBLE SHAFT, HAS 0-360 DIAL, GRAIN OF WHEAT LAMP SWITCH & CRANK. USED \$1.95 N. \$2.95



MN-26 C RADIO RECEIVER FOR AIRCRAFT OR MARINE USE CAN ALSO BE USED FOR HOME USE FOR WEATHER REPORTS. FREQUENCY COVERAGE 150 TO 1500 KC IN TWO BANDS. ELECT



BAND CHANGE, CONTINUOUS TUNING FROM MN-26C REMOTE CONTROL BOX. COMPLETE WITH 24 VOLT DC DYNAMOTOR, TUBES, 5/6K7, 2/6N7, 1/6B8, 1/6F6, 1/6L7, 2/6J5 ALL USED REC. SIZE: 12x6x16 1/2; WT: 37 1/2. PRICES: MN-26C RECEIVER ONLY USED \$9.95

SEE BELOW FOR ADDITIONAL ITEMS

MN-26LB RADIO RECEIVER FREQUENCY COVERAGE 200-410, 550-1200 KC AND 2.9 TO 6.0 MC IN THREE BANDS. SAME AS MN-26C ABOVE EXCEPT FOR FREQ. COVERAGE AND TUBE LINE UP, 5/6K7, 2/6N7, 1/6L7, 2/6B8 & 1/6F6. COMPLETE WITH 24 VOLT DYNAMOTOR & TUBES. USED CONDITION PRICES: MN-26LB RECEIVER ONLY USED \$9.95


SEE BELOW FOR ADDITIONAL ITEMS

BC 348 RECEIVER

BC-348() RECEIVER AM 6 BANDS 200-500 KC. & 1.5 TO 18 MC. CRYSTAL PHASING, ANTENNA ALIGN, BEAT OSCILLATOR & AUDIO GAIN CONTROLS, VERNIER AND SPEED TUNING, OUTPUT JACKS FOR PHONES & SPEAKER. WITH TUBES 3/6K7, 1/6J7, 1/6C5, 1/6K6, 1/6B8 & 1/6F7. VOLTAGE REQUIRED 24 VOLTS 2 A. & 220 VDC 70 MA. (*) ISSUE THAT IS AVAILABLE SIZE: 18x10x9 1/2; WT: 38 LBS. USED \$89.50



Headsets — Telephone Equipment — Microphones — Handsets



HS-33 HEADSET
600 OHM IMPEDANCE
LEATHER HEADBAND
18" CORD W/PL-54
W/RUBBER CUSHIONS
USED \$3.95
NEW \$6.95
W/CHAMOIS CUSHIONS
USED \$4.95
NEW \$7.95
AS ILLUSTRATED.



H-63/U HEADSET & BOOM MICROPHONE
600 OHM IMPEDANCE
HEADSET & 100 OHM
MICROPHONE, CARBON
TYPE, MOUNTED ON A
ADJUSTABLE BOOM.
TWO 14" CORDS TER-
MINATE IN 2 & 3
PIN JACKS. USED
CHECKED \$3.95



HS-23 HEADSET
2000 OHM IMPEDANCE
LEATHER HEADBAND
18" CORD W/PL-54
W/RUBBER CUSHIONS
\$5.95
W/CHAMOIS CUSHIONS
NEW \$6.95



**CHAMOIS
CUSHIONS**
\$1.50
A PAIR



RS 38 MIKE
MICROPHONE BUT-
TON ONLY WITH
FRONT PLASTIC
TELEPHONICS
#R-16-M-2197
NEW \$1.50



RM-42 CONTROL UNIT USED TO O-
PERATE A RECEIVER & TRANSMITTER
FROM A REMOTE POSITION WITH 2
CHANNEL SELECTION ALSO USED AS
INTER-COM OR CONNECTED TO BE
USED AS TELEPHONE SYSTEM. HAS
MAGNETO HAND CRANK GENERATOR FOR RINGING &
HANDSET WITH PL-204 ALSO 2 TELEPHONE TYPE SW-
ITCHES, 4 PILOT LIGHTS, VC, ON-OFF SW ETC.
REQUIRES WIRES BETWEEN EACH UNIT FOR USE AS
TELEPHONE AND BATTERIES. IN METAL CABINET WITH
SLOPPING FRONT, SIZE 7 1/2 x 8 x 9 WT: 14 LBS.
PRICE: ... \$9.95




MI-2478-MOD.
LIGHTWEIGHT
SOUNDPOWERED
HEAD-THROATMIC
SET W/72" STRE-
TCHED COILED
CORD, SWITCH &
CONTROL. 2 LBS.
UNUSED \$8.95

H-22/U HANDSET with retractable
Y cord, PL-68 Mic. & PL-55
Phone Plugs. Butterfly
switch. USED \$3.95

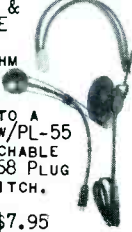
TS-13 Handset with Y cord PL-68
Mic. & PL-55 Phone plugs.
USED \$3.95

TS-9 Handset No Plugs with
switch &
lugs.
Used \$2.95 New \$3.95





HS-30 HEADSET
250 OHM IMPEDANCE
HEARING AID TYPE
EAR PCS. FIT IN-
SIDE EAR. LIGHT-
WEIGHT HEADBAND,
CORD 9" LG. WITH
SPADE LUGS.
(SEE CD-604 CORD)
NEW \$1.00
USED .75

H-55/U HEADSET & BOOM MICROPHONE
SINGLE ELEMENT
EARTHPHONE 300 OHM
& ADJUSTABLE
BOOM MIC. 40
OHM; MODIFIED TO A
3' PHONE CORD W/PL-55
PLUG & 4' DETACHABLE
MIC CORD W/PL-68 PLUG
& MOMENTARY SWITCH.




PRICE: USED \$7.95

RM-52 REMOTE CONTROL UNIT (MACY'S PHONE PATCH)
USED FOR RE-CONTROL OF RADIO SET,
OPERATES FROM 4 FLASHLIGHT BATTERIES.
HAS MULTI-TAP TRANSFORMER, MIC, PHONE
HIGH/LOW IMPEDANCE & JACKS.
BASIC UNIT FOR MAKING MACY'S PATCH.
SIZE: 7 1/2 x 3 1/2 x 5 1/2; WT: 5 LBS.
PRICE: USED \$1.95 NEW \$2.95



RM-53 REMOTE CONTROL UNIT
BASICLY THE SAME AS RM-52
ONLY IT HAS A 3 POSI-
TION SWITCH AND CORDS
WITH PL-55 AND PL-68
PLUGS.
SIZE: 8 1/2 x 4 1/2 x 4 1/2; 6 LBS
PRICE: USED \$2.95
RE-NEW 3.95



RM-29 CONTROL
REMOTE CONTROL UNIT USED
FOR CONTROL OF RECEIVER &
TRANSMITTER OR OVER TELE-
PHONE LINES WHEN TWO OR MORE
ARE CONNECTED TO-GETHER BY
WIRE AND WILL OPERATE UP TO
15 MILES. REQUIRES 4 1/2 VOLT
DRY CELL FOR OPERATION.
HAS MAGNETO GENERATOR FOR
RINGING, PATCH CORDS WITH PL-68 & PL-55 PLUGS
RE-COND.
SIZE: 9x6x5; WT: RM-29 14 LBS. W/HANDSET 16 LB
PRICES; RM-29 REMOTE CONTROL UNIT ONLY \$6.50
RM-29 WITH HANDSET \$9.50
RM-29 WITH HANDSET & HOLDER, NOT MOUNTED 9.95



T-26 MICROPHONE
Carbon w/
switch, chest
straps & 8 FT.
cable.




Used \$1.00 New \$1.75

T-17 MICROPHONE
Carbon hand
type with
push switch



RE-COND. \$6.95


**TELEPHONE EXTENSION
CORD WITH PLUGS.**
25 FT. W/4 PRONG
MALE & FEMALE CON-
NECTIONS. \$2.75
WALL & CORD PLUGS TO FIT, EA \$1.25



**CARBON BOOM
MICROPHONE** #16" CORD &
PL-291 #9042 USED \$1.50



**T-56 SOUND POWERED
MICROPHONE 225 OHMS**
PART OF SOUND LOCATING
SET GR-6A. HAS SPIKE
ON DIRECTIONAL PART OF
MIC. FOR PUSHING INTO
GROUND. SIZE: 3 1/2 x 2 1/2 SPIKE 6" WT 1 1/2
STK #281656 PRICE! RE-NEW \$1.25




TELEPHONE WIRE
TWO CONDUCTOR OUTDOOR
7 STRANDES COPPER WELD
NEW MANUFACTURE WD-7
PRICE PER FOOT \$.02 1/2
2500 FOOT REELS 39.00
5000 " 75.00



T-24/M CARBON MICROPHONE
WITH PUSH TO TALK
BUTTON AND
MODIFIED WITH
4 FT. COILED
CORD & PL-68
PLUG. WT: 1/2 LB. PRICE: NEW \$4.95



**R-14 SPEAKER; 1000
OHM EAR PHONE ELE-
MENT IN 3" METAL
CASE WITH PL-54 PLUG
& CORD CALLED MINE DETECTOR RESON-
ATOR. # 282156 PRICE: \$1.00**




**SHURE CONTROLLED
MAGNETIC MICROPHONE**
HIGH-IMPACT ARMY DUF
CASE. IMPEDANCE
1500 OHM; 50 DB OR
OR BETTER; 15 FOOT
CABLE WITH 4 PRONG AMPHENOL PLUG,
& EASY HOLD PUSH TO TALK SWITCH.
SHURE MODEL #CR5M. WT: 2LBS.
PRICE: NEW \$9.95



**TS-365/GT
LINESMAN'S
HANDSET**
135 OHM REC.
75 " XMTR.
W/SWITCH, CORD
& CLIPS.
ALL METAL
USED \$3.95


**SOUND
POWERED
HANDSET**
WITH COILED
CORD 1-4'
STK #D173012
NEW \$7.95
HANGER ONLY
\$1.50



**PUSH BUTTON & CALL
SIGNAL LIGHT SAME
SIZE AS TELEPHONE
DIAL.**
MAKE OWN
INTERCOM.
\$.39 EA.
3/\$1.00



**T-45
LIP
MIC**



**WECO #528
HEADSET
250
OHM**
DOUBLE WIRE HEADBAND
WITH ONE EAR PIECE,
PAD ON OTHER SIDE.




PRICE
\$1.25
RE-NEW
LESS
PHONE
CORD

**T-30
THROAT
MIC.** Elements
only
\$1.00
a dozen



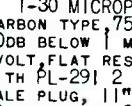
T-45 MICROPHONE
CARBON TYPE 1000HM
50DB BELOW 1 MILL-
VOLT, FLAT RESPONS
WITH PL-291 2 CONT
MALE PLUG, 11" CORD
USED 75¢



**CD-307 CORD EXTEN-
SION FOR CORDS WITH
PL-54 PLUG AS USED
ON HEADSETS, 65" LG
WITH JK-26 JACK &
PL-55 PLUG.**
USED \$1.00



T-30 MICROPHONE
CARBON TYPE, 75 OHM
50DB BELOW 1 MILL-
IVOLT, FLAT RESPONS
WITH PL-291 2 CONT
MALE PLUG, 11" CORD
PRICE: USED 3/4
UNUSED \$1.75



**CD-318 EXTENSION
CORD WITH PL-291
2 CONTACT FEMALE
PLUG TO FIT T-45 &
T-30 MICS. SW-141
SWITCH & PL-68 MIC
PLUG ON 7 FT. CORD
USED \$1.00**



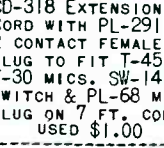
**CD-604 CORD WITH
IMPEDANCE MATCHING
TRANSFORMER 500OHM
TO 4000, USED WITH
HS-30 HEADSET, 6"
CORD & PL-54 PLUG.
NEW 50¢ USED 25¢**



**BRUSH
CRYSTAL
HEADPHONE
ELEMENT**
W/RUBBER EAR
PADS LIGHTWEIGHT
B.#F6#2 \$1.00 EA.



**PL-68 MIC PLUG
30" CORD 75¢**



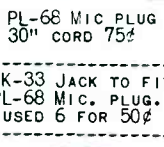
**CD-605 CORD SAME
AS CD-604 ONLY 30"
LG. WITH PL-55 PLG
USED \$1.00**



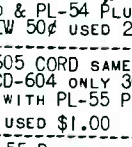
**MICROPHONE
BUTTON
CARBON
50 OHM**
WILL REPL-
ACE F-1 ELEMENTS.
#K-53-0654 \$1.00



**JK-33 JACK TO FIT
PL-68 MIC. PLUG.
USED 6 FOR 50¢**



**PL-55 PHONE PLUG
30" CORD 75¢**



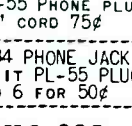
**SOUND
POWERED
MICROPHONE
IN PLASTIC
CASE, PUSH
TO TALK
BUTTON, NO
CORD.
#R5017 USED \$1.50**




**COILED
CORD SET**



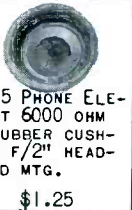
**MC-385
HIGH to LOW
ADAPTER
IMPEDANCE
FOR HEADSET
4000-600OHM
USED \$1.50
NEW \$1.75**




**HEADSET
EARTHPHONE
CUSHIONS
SPONGE
RUBBER FOR
2 1/2 ELEMENTS.
#48514 \$1.00 PAIR**



**R-15 PHONE ELE-
MENT 6000 OHM
W/RUBBER CUSH-
ION F/2" HEAD-
BAND MTG.**
\$1.25



**PHONE ELEMENT
F/TS-9K HANDSET
250 OHM, 2 1/2" DIA
W/ CLIPS.
K.S #838**
\$1.00



**CANADIAN PHONE
ELEMENT 100 OHM
1 1/2" DIA. FOR
2" HEADBAND.
#C-3 10A/36988**
\$.75



**PHONE ELEMENT
F/TS-13, H-23 ET
HANDSET, TYPE 41
3500 OHM. AUTO.
ELEC. D-5189A**
\$1.00



**CANADIAN
LIGHTWEIGHT
HANDSET
NO CORD
PHONE 300 o
MIC. 50 OHM
#ITE NO1
MK-11
YA-7225**
6 oz. \$3.95



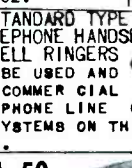
**CANADIAN MICRO-
PHONE W/ SWITCH
& CORD FOR ABOV
PHONE, MAGNETIC
300 OHM, #10A/12
57L \$1.25**



**STANDARD TYPE
TELEPHONE HANDSET
& BELL RINGERS
CAN BE USED AND
ANY COMMERCIAL
TELEPHONE LINE OR
OR SYSTEMS ON THIS
PAGE.**
PRICE: \$6.95
EX-CONDITION



**EXCEL
COND**
\$1.50



**STANDARD
TELEPHONE
HANDSET & CORD**
PRICE: \$4.95
EX-CONDITION



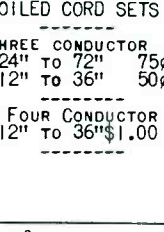
**DIAL
ONLY
\$1.25
EXCEL
COND.**
HANDSET HOLDER FOR
HORIZONTAL
MOUNTING SIZE
1 1/2 x 3 1/2 #6988
\$.50



**TELEPHONE BELL FOR MAG-
NETO GENERATORS
1 1/2 x 3
MC-131
\$1.25**



COILED CORD SETS
THREE CONDUCTOR
24" to 72" 75¢
12" to 36" 50¢
FOUR CONDUCTOR
12" to 36" \$1.00

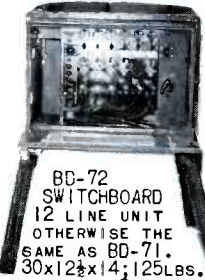


TELEPHONE EQUIPMENT



EE-8 FIELD TELEPHONE, PORTABLE HAND RINGING TYPE. CAN BE USED WITH ANY MAGNETO TYPE SYSTEM SWITCHBOARD AS BD-71, 72, 89, 91, 96 ETC. OPERATES FROM 2 FLASHLIGHT BATTERY UP 17 MILES. TWO OR MORE PHONES CAN BE OPERATED ON TWO WIRE LINE. WITH CARRYING CASE, STRAP & HANDSET.

SIZE: 8x10x3 1/2; WT: 18 LBS.
USED CHECKED LESS BATT. \$12.95

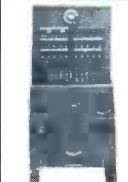


BD-72 SWITCHBOARD 12 LINE UNIT OTHERWISE THE SAME AS BD-71. 30x12 1/2x14; 125 LBS. USED RE-NEW \$18.95 \$24.95

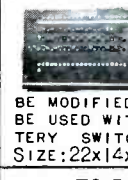
BD-71 SWITCHBOARD, PORTABLE 6 LINE HAND RINGING MAGNETO TYPE USING FLASHLIGHT BATTERIES FOR OPERATION. REPEATING COILS ON TWO LINES FOR SIMPLEXING, DROP SIGNAL AND NIGHT CALL BELL CAN BE USED WITH ANY MAGNETO TYPE TELEPHONES SUCH AS EE-8, RM-29, BD-72, 89, 91, 96 ETC. IDEAL FOR FACTORY, CAMP, FARM, MOTEL.. WITH CHESTSET MICROPHONE & HEADSET. LESS BATTERIES. SIZE: 18x12 1/2x14; WT: 75 LBS. USED \$9.95 RE-NEW \$14.95



BD-89 SWITCHBOARD, SINGLE POSITION, TWO PANEL NON-MULTIPLE, MANUALLY OPERATED TELEPHONE SWITCHBOARD. MAGNETO & COMMON BATTERY LINES. 20 MAGNETO, 40 CB, 4 TWO WAY MANUAL, DIAL DROP END TRUNK CKT., 5 CONFERENCE JACKS, 3 OUTGOING CKT., 2 THRU-LINE & 13 UNIVERSAL CORD CKT. WITH CHEST MICROPHONE & HEADSET. SIZE: 52x22x31; WT: 300 LBS. USED \$59.50 RE-COND. \$79.50



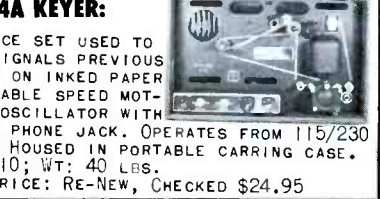
BD-91 SWITCHBOARD, SINGLE POSITION MANUALLY OPERATED FOR SERVING MAGNETO LINES, TWO-WAY TRUNKS AND TIE LINES. RING-DOWN TRUNKS ARE PROVIDED FOR CONNECTION TO MANUAL COMMON BATT. OR DIAL SYSTEMS. DROP SIGNAL FOR INCOMING & RECALL. 20 MAGNETO, 4 UNIVERSAL, 8 CORD, 1 DIAL, 4 CONF. JACKS & 1 OPERATOR. USES DRY CELLS FOR OPERATION. SIZE 16x16x42 SET-UP; WT: 200 LBS. \$29.50



BD-95 SWITCHBOARD: CORDLESS LOCAL BATTERY UNIT EQUIPPED WITH LINE LAMP SUPERVISION AND DESIGNED FOR SWITCHING LOCAL BATTERY LINES MAGNETO TYPE, MAY BE MODIFIED FOR COMMON BATTERY LINES ALSO CAN BE USED WITH OTHER TRUNK, TIE LINE LOCAL BATTERY SWITCHBOARDS. RE-NEW \$24.95 SIZE: 22x14x14; WT: 250 LBS. PRICE: \$24.95

TG-34A KEYS:

CODE PRACTICE SET USED TO REPRODUCE SIGNALS PREVIOUSLY RECORDED ON INKED PAPER TAPES. VARIABLE SPEED MOTOR, KEYING OSCILLATOR WITH SPEAKER AND PHONE JACK. OPERATES FROM 115/230 50/60 CYC. HOUSED IN PORTABLE CARRYING CASE. SIZE 15x10x10; WT: 40 LBS. PRICE: RE-NEW, CHECKED \$24.95



TG-10 KEYS IS AN AUTOMATIC UNIT FOR PROVIDING AUDIBLE CODE PRACTICE SIGNALS FROM AN INKED TAPE RECORDING. THE OUTPUT OF THE KEYS IS AN AUDIO FREQ. NOTE OF 800 CYCLES PER SEC. WITH SUFFICIENT POWER TO SUPPLY A NUMBER OF HEADSETS OR PRACTICE TABLES DIRECT CAN ALSO BE USED AS A TELEGRAPH KEY AMPLIFIER OR TAPE PULLER FOR A RECORDER. OPERATES FROM 115 VOLT 60 CYCLE. COMPLETE WITH TUBES; 2/6N7 2/6L6, 2/6SJ7, 1/5U4 & 1/923. SIZE: 24x11x18; WT: 63 LBS. PRICE: USED CHECKED \$19.95 NOT CHECKED \$14.95

VO-3 OSCILLATOR IS AN ELECT-AUDIO TONE GENERATOR WITH A 10 WATTS OF POWER OUTPUT AT A FREQ. OF 800 CYCLES PER SE COND. THIS POWER IS ADEQUATE FOR SUPPLYING TONE TO 200 HEADSETS THAT CAN BE KEYS BY THE INSTRUCTOR OR STUDENTS AND FEED INTO A SPEAKER OR RECORDER. OPERATES FROM 115 VOLT 60 CYCLE, COMPLETE WITH TUBES 1/6SN7, 1/5U4 & 2/6V6GT, OUTPUT 4, 8, 12 & 16 OHMS. SIZE: 12 1/2x10 1/2x7 1/2; WT: 24 LBS. PRICE: \$12.95 USED

F-56 FAIRCHILD AIRCRAFT CAMERA



DESIGNED AS A RECORD-TYPE, QUICKWIND, AUTOMATIC CAMERA WHICH IS EQUALLY ADAPTABLE TO OBLIQUE SPOTTING & VERTICAL MAPPING. IT CAN BE OPERATED MANUALLY OR ELECTRICALLY 24 VOLT DC. FOCAL LENGTH 20", SHUTTER SPEEDS 1/35, 1/50, 1/100 & 1/150 DIAPHRAGM STOPS 5.6, 8, 11, 16, & 22. THE MAGAZINE USES UP TO 125 FT OF FILM 7" WIDE AND WILL GIVE APPROX. 200 NEGATIVES, 6-5/8"x7". DETACHABLE FILTERS ARE PROVIDED ALSO SPARE REELS, INTERVALOMETER FOR AUTOMATIC OPERATION & CABLES FOR ELECTRIC OPERATION. CONSISTS OF UNUSED CAMERA, REELS, TRUNK, CABLES INTERVALOMETER AND MANUAL. THIS AT ALL \$75.00

HYDROPHONE

MAGNETOSTRICTION TYPE UNIT 20 KC RESONANT FREQUENCY. THIS IS A STANDARD SECTION OF A ASSY. AS USED IN AN/SQS-10 EQUIPMENT. (HYDROPHONE IS A TYPE MICROPHONE DESIGNED TO BE ACTUATED BY WATER BORNE SOUND WAVES AND MAGNETOSTRICTION IS THE CHANGE IN THE DIMENSIONS OF A FERRE MAGNETIC OBJECT WHEN PLACED IN A MAGNETIC FIELD. SIZE: 3 1/2x5x1 1/2; WT: 3 LBS. STK#875446 Y-901 PRICE: NEW \$4.95

CN-359/GPA-23 REGULATOR VOLTAGE. 120/208 VOLTS 60 CYCLE, 3 PHASE, 27 KVA. MOTOR DRIVEN POWERSTAT ELECTRONICALLY CONTROLLED. THREE SEPARATE SYSTEMS THAT WILL GIVE CONTROL, 3 PHASE IN, 3 PHASE OUT OR 3 PHASE IN, SINGLE PHASE OUT OR CAN BE DISMANTLED AND HAVE THREE SEPARATE SINGLE PHASE IN AND SINGLE PHASE OUT. CONSISTS OF 3 MOTORIZED POWERSTAT TRANSFORMERS 3 LOW VOLTAGE TRANS. 8 ELECTRONIC CONTROL CHASSIS, SWITCHES, FUSES, METER ETC. USED \$150.00 SIZE: 27x31x26; WT. SHPG. 420 LB. NEW 195.00

VOLTAGE REGULATOR

120 VOLTS 60 CYCLE SINGLE PHASE 9 KVA. ONE SECTION REMOVED FROM THE ABOVE 3 PHASE UNIT. METER, SWITCHES, FUSES ETC. WILL HAVE TO BE ADDED, DIAGRAMS FURNISHED. ELECTRONIC VOLTAGE REGULATION, JUST SET THE VOLTAGE UNDER LOAD AND IT WILL REMAIN CONSTANT. CONSISTS OF MOTORIZED POWERSTAT TRANSFORMER, LOW VOLTAGE TRANSFORMER & ELECTRONIC REGULATOR CHASSIS SHPG. WT: 125 LBS. PRICE, AS DESCRIBED \$49.95

WIRE RECORDER

RD-15A/ANQ-1A C-260A/ANQ-1A MX-303A/ANQ-1A WIRE RECORDER 3" DIA. REEL 0.006 DIA. WIRE, ONE INPUT CHANNEL, 600 OHMS IMPEDANCE; 290 RPM RECORDING SPEED; 300 TO 3500 CYC. PER SEC. FREQUENCY RESPONSE. OPERATES FROM 26.5 VOLTS D.C WITH TUBE 2807, MAGAZINE MX303A/ANQ-1 WITH WIRE FOR 60 MIN. & C-260A/ANQ-1A CONTROL BOX. USED IN AIRCRAFT FOR RECORDING MESSAGES. SIZE: 10 1/2x6x8, CONT. 3x6x2 1/2; WT: 15 LB. PRICE: USED EXCELLENT, \$9.95 CONNECTOR PLUGS THREE REQUIRED...EACH...\$1.50

MX-333/GG TAPE PULLER USED WITH CODE PRACTICE TO REEL 3/8" PAPER TAPE AS THE TAPE IS PASSED THROUGH THE RECORDER; HAS CONSTANT SPEED 110 VOLT 60 CYCLE INDUCTION MOTOR WITH VARIABLE SPEED FRICTION DRIVE ARRANGEMENT. UNIT COMES IN A WOOD CARRYING BOX 10x10x15 WITH A CARRYING HANDLE. WT: 27 LBS. PRICE, RE-NEW \$12.95

BLANK PAPER TAPE 3/8" WIDE FOR KEYS TG-10, TG-34 ETC. 900 FT. ROLLS EACH ROLL 2/3 LB. PRICE: \$.25 EA. RL. 30 ROLLS \$3.00; 60 RL.\$5

RADIOSONDE

AN/AMT-2 RADIOSONDE, 403 MC FM. A SINGLE PACKAGE INSTRUMENT WHICH CARRIED BY A FREE BALLOON, IS USED TO TRANSMIT METEOROLOGICAL INFORMATION TO A GROUND STATION. THE FREQUENCY MODULATION IS CONTROLLED BY A SENSOR MECHANISM CONTAINING ELEMENTS CONTROLLED BY PRESSURE, TEMPERATURE AND HUMIDITY TOGETHER WITH A COMMUTATOR ARRANGEMENT WHICH SET UP A SEQUENCE OF SIGNALS. USES 2 TUBES AND REQUIRES 1.5, 6 & 115 VDC FOR OPERATION. W/TUBES, LESS BATT. SIZE: 4 1/2x6x6 1/2. WT: 1 1/2 LBS BATTERIES PRICE: NEW \$2.95 EACH, 2 FOR \$5.00

BC-1253 RADIOSONDE TRANSMITTER OPERATES AT 397 MC; SENDING A CONSTANT SIGNAL TO BE RECEIVED BY RADIO DIRECTION FINDER, WHILE BEING CARRIED IN THE ATMOSPHERE BY A FREE BALLOON. COMPLETE WITH ONE 955 ACORN TUBE. REQUIRES 1.5, 6 & 115 VOL BATTERIES. SIZE 3x5x6 1/2; WT: 8 oz. PRICE: NEW \$5.29 2 FOR \$10.00

AMT-3 RADIOSONDE; A-1 TYPE EMISSION; 2-6 MC. CRYSTAL CONTROL ON ONE PRESELECTED CHANNEL, RECORDS ON SELF CONTAINED RECORD THAT OPERATES FROM 3VDC USES 1/344 TUBE ALSO SELF CONTAINED PARACHUTE. SIZE: 10x12x5; WT: 10 LBS. UNUSED \$7.95

DRONE RECEIVER FREQUENCY RANGE OF 57 TO 76 MC. WITH CHOICE OF FIVE DIFFERENT TONE CIRCUITS THAT OPERATE FIVE SERVO CIRCUITS WHICH ARE CONTROLLED BY SEALED MICRO-RELAYS IN INDIVIDUAL LC CIRCUITS. TONE FREQ. 300, 650, 955, 1390 & 1250. COMPLETE WITH TUBES 1/12AU7, 2/6AK6, 1/0A2, 28VDC VIBRATOR SUPPLY. PHOTO SHOWS SEALED COVER REMOVED. SIZE: 5 1/2x8. WT: 6 LBS. PRICE: UNUSED \$9.95 CONNECTOR PLUGS TO FIT UNIT, 4 REQ. EA. \$1.50

ANGULAR RATE CONTROL PART OF AUTOMATIC PILOT B-1. CONSISTS OF 3 SEPARATE PLUG IN GYROS NAMELY ROLL PITCH & YAW, SIZE 4x4x5. ALSO CONTAINS RECTIFIERS, TRANSFORMERS, CONDENSERS, RESISTORS, CONTROLS ETC. STK#1JD405-G5. PRICE: USED \$12.95 SIZE: 10x11x7 1/2; WT: 25 LBS

GYRO VERTICAL CONTROL ASSEMBLY TYPE 314625; OPERATES FROM 115V 400 CYCLE 3 PHASE, WILL OPERATE FROM APPROX. 50 VOLTS 60 CYCLE WITH A 20 MFD. CAPACITOR IN THE CIRCUIT. THIS IS A PRECISION UNIT THAT WAS USED IN AIRCRAFT TO CONTROL CHANGES IN ALTITUDE ABOUT PITCH AND ROLL AXES OF AN AIRBORNE VEHICLE. SENSITIVITY IS OBTAINED BY MOUNTING THE GYRO WITH THE SPIN AXIS VERTICAL. THE ELECTRICAL CHANGES ARE THEN FEED TO THE STABILIZING EQUIPMENT. SIZE: 5 1/2x7 1/2x8. PRICE USED \$3.95

SOUND RECORDER, ELECTRIC-MAGNETIC TYPE USING STANDARD DICTAPHONE WAX CYLINDER AMPLIFIER OUTPUT APPROX. 2 WATTS, RECORDING SPEED 96 TO 100 RPM DOUBLE MAN DREL, CONTINUOUS RECORDING, AUTOMATIC CHANGE-OVER, REPLACEABLE STYLUS. OPERATES FROM 115 VOLT 60 CYCLE. FLOOR CABINET 15 1/2x15 1/2x32. LESS MICROPHONE, HEADSET, RECORDING CYLINDERS & CABLES. SHIPPING WT: 100 LBS. DICTAPHONE #142 PRICE: \$12.95

GUN SIGHT K-14 Gun Sight, SIGHTING HEAD. ILLUMINATED UNIT WITH TWO 2" X 8" POWER LENSES, 1" REFLECTING MIRROR, WORM GEAR ADJUSTING LIGHT SHUTTER, TWO AUTOSYN MOTORS CONNECTED BY A SPRING BELT AND TWO MIRRORS MOUNTED ON SHAFTS. SIZE: 9x5x5 1/2; WT: 10 LBS. PRICE: USED \$2.95

DYNAMOTORS



Size 6½ x 10 x 11 WT. 38 Lbs.
With fuses and starting relay.

HD-77 DYNAMOTOR

INPUT: 14 VDC 39 AMPS.
OUTPUT: 1000 VDC 350 MA.
used \$12.95

PE-71 DYNAMOTOR

INPUT: 28 VDC 19 AMPS.
OUTPUT: 1000 VDC 350 MA.
used \$12.95



DM-42 DYNAMOTOR
NEW \$3.95
CRACKED BASE
& PLUGS WILL
NOT EFFECT
OPERATION

INPUT: 12 VDC 39 AMPS.
OUTPUT: 515 VDC 215 MA.
" 1030 " 260 MA.
SIZE: 7x7x11 WT: 38 LBS.



DN-2528-1
NEW: \$3.95

INPUT: 27.5 VDC 27 AMPS.
OUTPUT: 1000 VDC 500 MA.
SIZE: 8½x4x4 WT: 13½ LBS.



PE-98
PE-94
DYNAMOTORS
ONLY

PE-98 DYNAMOTOR ONLY
INPUT: 14 VDC 21 AMPS.
OUTPUT: 300 VDC 260 MA
-150 VDC 10 MA
SIZE: 12x5x5; WT: 26 LBS.
UNUSED \$5.95

PE-94 DYNAMOTOR ONLY
INPUT: 28 VDC 10.5 AMPS
OUTPUT: 300 VDC 260 MA
-150 VDC 10 MA
-14.5 " 5 AMPS
SIZE: 12x5x5; WT: 26 LBS.
UNUSED \$4.95



DA-19A DYNAMOTOR
INPUT: 28 vdc 11 AMPS.
OUTPUT: 400 " 400 MA.
SIZE: 7½x4½x4½; WT: 13 LBS
UNUSED \$4.95

BRUSH SETS



DM-21 DM-25 DM-28 DM-32
DM-33 DM-34 DM-35 DM-36
DM-37 DM-40 DM-41 DM-42
DM-43 DM-45 DM-53
BD-83 BD-93 BD-77
PE-73 PE-86
DA-12 DA-14 DA-1A
DY-21 DY-22
SP-125 35x032
OTHER TYPES ALSO AVAILABLE
SET OF FOUR BRUSHES \$.75



Size 3 x 3½ x 4½, Wt. 3 lbs.

DM-32 DYNAMOTOR

INPUT: 28 VDC 1.1 AMPS.
OUTPUT: 250 VDC 60 MA.
Price: Used \$2.95 New \$4.95

TYPE 35 x 032
(Same as DM-32 only 12V)

INPUT: 14 VDC 2.4 AMPS.
OUTPUT: 250 VDC 60 MA.
Price: New \$4.95

DM-53 AZ DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 VDC 80 MA.
Price: NEW 7.95

DM-53 DYNAMOTOR

INPUT: 28 VDC 1.4 AMPS.
OUTPUT: 220 VDC 80 MA.
NEW \$6.95 USED \$3.95



Size 3 x 3 x 4½, Wt. 3 lbs.

DM-45 DYNAMOTOR

INPUT: 24 VDC 1.1 AMPS.
OUTPUT: 250 VDC 50 MA.
Price: Used \$2.95 New \$4.95

DM-25 DYNAMOTOR

INPUT: 12 VDC 2.2 AMPS.
OUTPUT: 250 VDC 50 MA.
Price: Used \$2.95 New \$4.95



WEST 12B534 DYNAMOTOR

INPUT: 24 VDC 1.75 AMPS.
OUTPUT: 300 VDC 70 MA.
Price: Used \$2.95 New \$4.95

Size 3 x 3 x 4½, Wt. 3 lbs.
Dynamotors listed below
same size only less base.

DM-6936 DYNAMOTOR

INPUT: 28 VDC 1.1 AMPS.
OUTPUT: 250 VDC 60 MA.
Used \$1.95 Unused \$3.95

DMX-310A DYNAMOTOR

INPUT: 12 VDC 2.8 AMPS.
OUTPUT: 150 VDC 100 MA.
Used \$2.95 Unused \$4.95

TYPE 5047 DYNAMOTOR

INPUT: 27 VDC 1.75 AMPS.
OUTPUT: 285 VDC 75 MA.
Used \$3.95 Unused \$5.95

RADIO NOISE
FILTER 100
AMPS.50 VDC
GE#1C202
SIZE 4x4x2
PRICE: \$.50



Size 3 x 4½ x 6½, Wt. 5 lbs.

DM-34 DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 VDC 80 MA.
Used \$2.95 Unused \$4.95

DM-36 DYNAMOTOR

INPUT: 28 VDC 1.4 AMPS.
OUTPUT: 220 VDC 80 MA.
Used \$2.95 Unused \$4.95



Size 3½ x 5 x 5½, Wt. 3½ lbs.

PE-86 DYNAMOTOR

INPUT: 28 VDC 1.25 AMPS.
OUTPUT: 250 VDC 60 MA.
PRICE: Used \$2.95 New \$4.95



Size 3½ x 5 x 6½, Wt. 5½ lbs.

DM-28 DYNAMOTOR

INPUT: 27.9 VDC 1.25 AMP
OUTPUT: 220 VDC 70 MA
PRICE: USED \$6.95



D 401

INPUT: 12 VDC 9.9 AMP.
OUTPUT: 400 " 180 MA.
SIZE: 4x4½x7; WT: 10 LBS.
PRICE: UNUSED \$6.95

4115F

INPUT: 12 VDC 11 AMPS
OUTPUT: 440 VDC 200 MA.
SIZE: 4x4½x7; WT: 11 LBS.
PRICE: UNUSED \$8.95

DM-21
DYNA-
MOTOR



INPUT: 14 VDC 3.3 AMP.
OUTPUT: 235 VDC 90 MA.
SIZE: 6x5x3; WT: 8½ LBS.
PRICE: USED \$4.95 NEW \$6.95



DY-21 DYNAMOTOR

INPUT: 27 VDC 7 A
OUTPUT: 410 " 325 MA.
SIZE: 7½x3x3½ WT: 8½ LB
PRICE: USED \$7.95



Size 4½ x 5½ x 6½, Wt. 10½ lbs.

DM-83 DYNAMOTOR

INPUT: 14 VDC 6.5 AMPS.
OUTPUT: 375 VDC 150 MA.

CW21441 DYNAMOTOR

INPUT: 28 VDC 2.9 AMP
OUTPUT: 330 " 135 MA
NEW \$3.95

DM-416 DYNAMOTOR

INPUT: 28 VDC 3.1 AMPS.
OUTPUT: 330 VDC 470 MA.
Used \$1.95 Unused \$3.95

51-93 DYNAMOTOR

INPUT: 28 VDC 3.2 AMPS.
OUTPUT: 375 VDC 150 MA.
Used \$2.95 Unused \$4.95



Size 4 x 7 x 6½, Wt. 10½ lbs.

PE-133 DYNAMOTOR

INPUT: 12 VDC 2.3 AMPS.
OUTPUT: 230 VDC 90 MA.
Used \$4.95 Unused \$6.95



Size 5½ x 6 x 8½, Wt. 12½ lbs.

TYPE 377 DYNAMOTOR

INPUT: 14 VDC 8 AMPS.
OUTPUT: 425 VDC 163 MA.
Used \$6.95 Unused \$9.95



Size 5½ x 3½ x 7, Wt. 7 lbs.

DM-40 DYNAMOTOR

INPUT: 14 VDC 3.4 AMPS.
OUTPUT: 172 VDC 138 MA.
PRICE: USED \$3.95

DA 14A SPECIAL

INPUT: 14/28 VDC 3.3/1.6 A
OUTPUT: 230 VDC 100 MA.
SIZE: 3½x3½x6, WT: 6 LBS.
UNUSED \$6.95



Size 4½ x 4½ x 8½, Wt. 13 lbs.

DM-35 DYNAMOTOR

INPUT: 12.5 VDC 18.7 AMPS.
OUTPUT: 625 VDC 225 MA.

NOT AVAILABLE

DM-37 DYNAMOTOR

INPUT: 25.5 VDC 9.2 AMPS.
OUTPUT: 625 VDC 225 MA.
UNUSED \$4.95



BD-69 DYNAMOTOR
INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 " 80 MA.
SIZE: 6½x6x4½; WT: 10 LBS.
UNUSED \$3.95



CAY-21772 DYNAMOTOR
INPUT: 12 vdc 3 AMPS.
OUTPUT: 235 vdc 75 MA.
SIZE: 6½x5x4 W/MTG. 7 LBS.
UNUSED \$4.95



DA 1A

INPUT: 28 VDC 1.6 AMP
OUTPUT: 230 VDC 100 MA
SIZE: 3½x3½x5½; WT: 6 LBS.
UNUSED \$4.95



DM-33 DYNAMOTOR

INPUT: 28 VDC 5 AMPS.
OUTPUT: 575 VDC 160 MA.

Size 3½ x 4 x 7½, Wt. 8½ lbs.

DY-22 DYNAMOTOR

INPUT: 28 VDC 1.8 AMPS.
OUTPUT: 210 VDC 125 MA.
Price: Used \$4.95



DA-14A SPECIAL WITH BASE



WINCO TYPE 41S6
DUAL OUTPUT
INPUT: 13 vdc 13 A.
OUTPUT: 300 vdc 225 MA
250 " 60 "
SIZE: 8½x4½x4; WT: 10 LB
PRICE: UNUSED \$7.95

AC-DC Motors

Hi-Speed

Gear Reduction's

Blowers

DELCO PM MOTOR 250 RPM #5067127
27 VDC WITH GEAR ATTACHED TO 1/2" SHAFT
REMOVABLE MOUNTING, 8 OZ. INCH TORQUE
REMOVED FROM NEW EQUIPMENT.
PRICE \$4.95

SIZE: 4x1 1/2x1 1/2
WT: 8oz. GE SAME AS ABOVE NOT PM #58A10AJ8D \$3.95

6 VOLT DC MOTOR, REVERSIBLE 1/20 H.P.
SHAFT 1/4 X 3/4, FRONT END MOUNTING STUDS,
MOTOR SIZE 3 1/2x3; WT: 4 LBS. APP 3000 RPM
G16VDC-R PRICE: \$1.25

Windshield Wiper Motor 24VDC. Very powerful. May be used wherever an oscillation motion is desired such as stirring or agetation. Size 2 X 3 1/4 X 3 5/8. Shaft extends out 1 1/2" from the Motor. Wt. 1 lb. 10 oz. Stock No. 10D24. Price.....\$2.95

ART-13 MOTOR 28
VOLT D.C. 3900
RPM, 1/10 H.P.
REVERSIBLE, BALL
BEARING. WILL
OPERATE 12 VOLT
SIZE 3x3x3 1/2; 2LB. #B-101/803/
800. PRICE: \$1.95

ELECTRIC WINDING TIMER MOTOR 6 VOLT D.C.
WILL MAKE ONE REVOLUTION PER HOUR THEN
AUTOMATICLY REWIND. SHAT SIZE 5/8 X 3/16
THREADED ALSO HAS A DISC WITH ARM MOUNTED
TO IT. HOUSED IN METAL BOX 3 1/2x3 1/2x3; 1 LB
BORG#D257764 PRICE \$1.50

Delco 5069370 27 VDC Reversible PM
Motor and Gear assm. in an Aluminum
case. Output speed is 80 RPM through a
friction clutch to a double shaft 1/2 X
3/4 on one side, 1/2 X 1 1/2 on the other.
Size complete assm. 3 5/8 X 2 X 4 1/2
excluding shaft. Has built in noise
filter system. Wt. 1 lb. 5 oz.
Price..... \$ 4.95

OSTER 10 CFM Blower
John Oster motor C2BP-1A
27.5 VDC 1/100 HP 6000
RPM with blower 10CFM.
Size 3 1/2 x 3 1/2 x 4 1/2 Wt 1 1/2

HOLTZER-CABOT DUAL SPEED GEAR REDUCT-
ION MOTOR, 115 V.60 CYCLE, 1PHASE, ONE
SHAFT 40 RPM, OTHER 165 RPM 24 OZ. IN
TORQUE, .4 AMP. MOTOR SIZE 4 1/2x4 1/2x5 1/2;
SHAFT, 3/8x4-40RPM, 1/8x3/8-165RPM.
#RBS-3712 \$9.95

Same Motor as used in above
assm. Size 1 1/8 X 1 1/2 X 2 1/2.
Wt. 4 Oz. Price..... \$2.95

400 CYCLE BLOWER
Eastern Air Devices
10 CFM Blower 115 Volt
400 cycle, 1/100 HP
motor. Size 3 1/2x3 1/2x4 1/2
Wt. 1 lbs.
PRICE: \$2.95

RATCHET MOTOR, 24 VOLT DC 60 RPM CONTINUOUS
ALSO 3 POSITION STOP. BAND SWITCH ASSEMBLY
AS USED IN R-5/ARN-7 COMPASS RECEIVER.
UNIT WILL ALSO OPERATE ON 18 TO 24 VDC.
SIZE: 3x4x1 1/2; WT: 1 1/2 LBS. STK# 609-APN-7
PRICE: \$1.25

Air Associates EE1530 Gear reduction
24 VDC @ .8A. 25 lb. In Torque, 5
RPM Reversible. Size 4 1/2 X 3 1/2 X 5 1/2.
Keyed Shaft 1/2 X 1 3/4 with a 4" arm
attached. Wt. 5 lb. Price \$ 4.95

PINCOR BLOWER
Cast Aluminum hous-
ing shunt type motor
24 VDC 5000 RPM, 10
CFM blower. Motor
noise filtered, WT 1lb
10 oz. Size 3 1/2x4 1/2x4.
PRICE: \$2.95

WESTINGHOUSE BUSINESS MACHINE MOTOR 25 MHP
115 VOLTS 50/60 CYCLE .5/.4 AMPE
TYPE FL 4.0/3.0 MFD. 1425/1725
RPM. SIZE: 4 1/2x4 1/2x4 1/2; WT: 5 LBS.
SHAFT 5/16x3 1/2 FLATENED. FOR USE
IN RUBBER SHOCK MOUNTING BRACKE
PRICE: NEW \$2.95

BENDIX BAND CHANGE MOTOR #AC56566-2
OPERATES FROM 28 VDC. THREE POS-
ITION POSITIVE STOP. WITH SWITCHES
& WAFER ASSY. SIZE: 6x3x2 WT: 1LB.
PRICE: \$2.95

OPEN TYPE BLOWER
Delco motor 5069267 27 VDC
6000 RPM, reversible shunt
type, flange mount. WT 1 lb
size 1-3/4x2-5/8x2 1/2.
Motor-Blower \$1.95 Motor only \$1.50

TELETYPE AC #58A65AA29
95A130 volts 50/60 cycle,
1 PHASE, 1/25 HP, 2100RPM,
SERIES WD, .8 AMPS.
COMPLETE WITH FILTER ASSY,
GOVERNOR CONTROL & LIGHT.
MOTOR SIZE 5 1/2x5 1/2x5 1/2, DOUBLE
END SHAFT SIZE 3/8x1 1/2 &
3/8x3/4. TOTAL WT. 1 1/2 LBS
REMOVED FORM EQUIPMENT BUT
IN EXCELLENT CONDITION.
PRICE: \$4.95

DELCO 5069790 PM 100 R.P.M.
27 VDC WITH GEAR ATTACHED TC
1/2 INCH SHAFT 1/2 INCH LONG.
MOTOR SIZE 1 1/2x4. WT: 8 oz.
PRICE: \$3.95

DELCO PM MOTOR 12 VDC
10,000 RPM, GEARED
TO ASSY. APPROX 250
TO PLASTIC WHEEL &
POT. 4x3 1/2x2; 1 LB.
#5092543/2 \$4.95
MOTOR ONLY \$3.95

TG-10 KEYER MOTOR 115 VOLT 60 CYCLE
1550 RPM, SHAFT 1-7/8", GEARED TO 80 RPM.
SIZE: 3 1/2x3 1/2x4 1/2; WT: 3 LBS. #3H3000-3
REMOVED FROM TG-10 EQUIPMENT
\$2.95

Bendix LM108J 24VDC 1/25 HP 15,000 RPM
Series Motor. Geneva Loc. Actuator. Shaft
rotates 1/2 revolution and stops and is
locked in place until next contact is
made then the cycle is repeated-time per
cycle app. 3 seconds. Size 4 X 2 1/2 X 5 1/2.
Shaft size 1/2 X 1 1/2. Wt. 1 lb. 14 oz.
Price..... \$ 4.95

PHILCO GEAR REDUCTION
NO. 441-1008, 24 VDC,
3.7 RPM 40 LB. IN. TOR-
QUE, SHAFT 5/16x5/8,
MOTOR 4x3 1/2x3 1/2; 4 LBS
\$5.95

ELECTRO COUNTER & TIMER MOTOR, 115 VOLT
60 CYCLE, 14 RPM, USED TO TURN TUNERS,
HIGH POWER TORQUE, INTERMITTENT OPERATION
SIZE: 3x4x3; WT: 2 LBS. #MA201752 \$1.50

General Electric 58A25MJ424 - Type BA
24 V @ 4.2A 7100 RPM 1/20 HP Flange
mount Motor size 2 1/2" X 5". Shaft size
1/2 X 1 Wt. 3 1/2 lbs. Price..... \$1.95

NAVY PM MOTOR
27 VDC
1/150 H.P.
5000 R.P.M
SHAFT 3/4x3/16
MOTOR 1 1/2x1 1/2x2
WT: 8 oz. STK# 942-BUO-676213
PRICE: \$1.95

AIR ASSOCIATES MOTOR EE-763, 1/10 H.P.
27 VOLTS DC, 6 AMPS, 3500 RPM.
SHAFT SIZE 3/16 X 5/8, MOTOR SIZE
4x3x3, FLANGE MTG. 4 LBS. \$2.95

ELECTROLUX MOTOR 28.5 VDC. 1.8 AMPS.
2200 RPM. 1/35 H.P. SHAFT SIZE 1 1/2 X 1 1/2
MOTOR SIZE: 4 1/2x3 1/2 WT: 5 LBS.
PRICE: \$3.95

CAMERA MOTOR
Open frame used in aircraft
cameras 12 Volt AC-DC
Double end shaft 1/8
x 1/2, motor size 2 1/2x
2 1/2x5000 RPM. # QX-120
Price\$1.95

PM MOTOR ASSEMBLY & GEAR TRAIN
USED IN R-44 RECEIVER FOR REMOTE
TUNING. CONTAINS DELCO PM MOTOR
#5069370, 10,000 RPM ATTACHED TO
A GEAR ASSY. THAT HAS TWO SHAFTS
80 RPM AND IS GEARED TO TWO
SHAFTS WITH 3" & 1 1/2" GEARS THAT
THAT TURN AT 40 & 80 RPM. ASSY
SIZE 4 1/2x6x3; SHAFT SIZES 1/2 X 3/4
WT: 3 1/2 LBS. STK#3H3100-15
PRICE: \$4.95

Air Associates EE1220WJ-Gear
Reduction. Either end or Base Mount.
27V @ 1.75A-1/75 HP 96C RPM with
Governor control. Size 2 1/2 X 2 3/4
X 5 1/2. Shaft 1/2 X 3/8. Wt. 1 lb.
12 oz. Price..... \$3.95

ACTUATOR
LINEAR RATED LOAD LBS.
STAT.-200, TEN.-25-50
COMP.-25-50, TRAVEL 2 1/2"
MOTOR 115V400CYCLE, 6000 RPM.
DUTY 1/10, H.P. .04, TORQ. OZ. 11
6.7 WITH LIMIT SWITCHES. USED
AIRRESEARCH#35906-30 \$2.95

General Electric 58A25AJ32B Flange
type mount. 24 VDC @ 2.9A 7000
RPM 3 Wire reversible with Magnetic
brake. Size 2 1/2" X 4 1/2" L. Shaft
3/16 X 3/4 Splined Wt. 2 1/2 lbs.
Price, Motor only..... \$ 2.95

ELECTRIC MOTOR CORP | **MOLON MOTOR V-1005**
TYPE 300, 45 VOLTS | APPROX. 10 RPM, 85
A.C, 60 CYC. 6 1/2 RPM. | VAC CONT. 110 V INT
LIGHT DUTY. OPEN FRA | ERMITTENT, GOOD TOR-
5x2 1/2x1 1/2; SHAFT 3/16 | QUE. SIZE 4x3x3; 1LB
1; 1 LB. \$1.00 | SHAFT 5/16x1 1/2. \$1.00

LINEAR ACTUATOR, STAT. 750,
TENS. 375, COMP. 200, ARM. TRAI
5-7/8", MOTOR 115 V, 400 CYCLE
6000 RPM, DUTY 1-10, HP .04
SIZE 1 1/2x3x4, WT: 5LB. USED
AIRRESEARCH#3194 \$3.95

DELCO P.M. MOTOR #5069466, 27.5 VDC
IN ALUMINUM CASE GEARED TO WORM GEAR
MOTOR SIZE 1 1/2x1 1/2x2 1/2, 10,000 RPM.
CASE SIZE 2 1/2x2 1/2 LESS MTG. SIZE.
WORM GEAR 2000 RPM, WT: 2 LBS.
STK# 3H3100A-1 PRICE: \$2.95

MERCURY MOTOR 8100, 115 VOLT 60 CYCLE, 1750
RPM, OPEN FRAME 3x2 1/2x2, SHAFT 1/2x1 1/2, WT: 1 LB.
PRICE: \$1.00


D.C. ACTUATOR 26 V.
1.5 A. DUTY 3/20
HP .015, RPM 7500 \$2.95
STATIC 600, TEN. 130
COMP. 90, TRAVEL 1 1/2"
8x5x3; 4 LB. ELA-3-139-2

John Oster type C 24A-1B - KS-5829-
OT 27 VDC 1/100 HP 7000 RPM DC
Series Motor 2" D X 3" L. Shaft
1/2 X 1 Wt. 1 lb.....Price \$7.75

John Oster Shunt Motor R-9-1 2 1/2 VDC
@ .7A. 5600 RPM. Aluminum Cased Motor
and Gear assm. Motor is flange mount-
ed to the Gear case. 2 gear reduction's
22 and 5 1/2 RPM on 1/2 X 1 1/2 shafts. Size
2 3/4 X 3 X 7". Wt. 1 lb. 14 oz.
Price.....
\$1.00

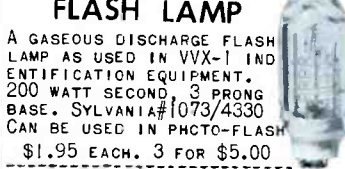
HEAVY DUTY
REVERSIBLE
TYPE GEAR
HEAD MOTOR
JOHN OSTER
#KU-IL-IR
28 VDC 100 - 200RPM
8 AMP 2 1/2 lb. FT.
torque. Size 7 1/2 x 10 x 4 1/2 WT. 12 lb
Shaft size 7/16 x 3/4. Price \$5.95

BULL'S EYE INDICATOR LIGHTS
ALUMINUM DIMMER
TYPE, RUBY LENSE,
3/4" HOLE MTG.
BAYONET BASE.
SIZE 2x7/8 #775
39¢ EA. 3/\$1.00



DULL FINISHED
BRASS, RED LENSE
DOUBLE CONTACT
BAYONET BASE,
WITH 12 VOLT LAMP LM-44, 1 INCH
HOLE MTG. SIZE 1 1/2 x 3. #226125-22
PRICE: \$.39 EA. 3 FOR \$1.00

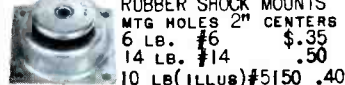
FLASH LAMP
A GASEOUS DISCHARGE FLASH
LAMP AS USED IN VVX-1 IND
ENTIFICATION EQUIPMENT.
200 WATT SECOND, 3 PRONG
BASE. SYLVANIA #1073/4330
CAN BE USED IN PHOTO-FLASH
\$1.95 EACH. 3 FOR \$5.00



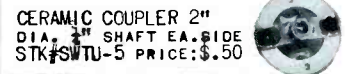
CERAMIC COIL FORM F/
ART-13 ANTENNA LOAD
SIZE 2"x5". NO WIRE
50% WITH WIRE #1.00



RUBBER SHOCK MOUNTS
MTG HOLES 2" CENTERS
6 LB. #6 \$.35
14 LB. #14 .50
10 LB (ILLUS) #5150 .40



CERAMIC COUPLER 2"
DIA. 3" SHAFT EA. SIDE
STK#SWTU-5 PRICE: \$.50



GIANT 4 CONTACT CERAMIC
FORM FOR 872,
211 ETC. 3 1/2" RO.
GE #ML7461594-G1
PRICE: USED \$.39



GIANT 4 CONTACT CERAMIC SOCKET
FOR 715 718 ETC. 3 1/2" RE
STK#227684.98
PRICE: NEW \$.50



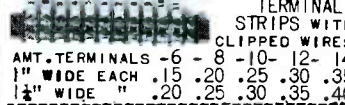
GIANT TUBE SOCKET
7 CONTACT FOR 813
4E27A ETC. 2 1/2" SQ
GE #M7466795-1/442
PRICE: \$.75 USED



BAND CHANGE SWITCH 9 CERAMIC
WAFERS, RIGHT ANGLE BEVEL GEAR
DRIVE
SIZE 12x2x2 1/2
STK#SW11014 PRICE: NEW \$1.50



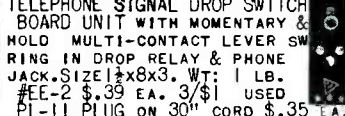
TERMINAL STRIPS WITH
CLIPPED WIRES
AMT. TERMINALS - 6 - 8 - 10 - 12 - 14
1" WIDE EACH .15 .20 .25 .30 .35
1 1/2" WIDE " .20 .25 .30 .35 .40



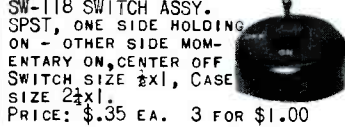
BINDING POSTS 7
ON A BAKE-
LITE STRIP, THUMB SCREW TYPE
TERMINALS. REMOVED FROM EQUIP
PRICE: \$.35 EA. 3 FOR \$1




TELEPHONE SIGNAL DROP SWITCH
BOARD UNIT WITH MOMENTARY &
HOLD MULTI-CONTACT LEVER SW
RING IN DROP RELAY & PHONE
JACK. SIZE 1 1/2 x 8 x 3. WT: 1 LB.
#EE-2 \$.39 EA. 3/\$1 USED
PL-11 PLUG ON 30" CORD \$.35 EA.



SW-118 SWITCH ASSY.
SPST, ONE SIDE HOLDING
ON - OTHER SIDE MOM-
ENTARY ON, CENTER OFF
SWITCH SIZE 2x1, CASE
SIZE 2x1
PRICE: \$.35 EA. 3 FOR \$1.00



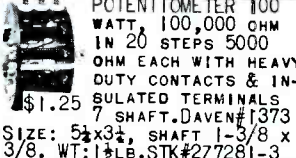
B-9A SWITCH ASSY
SPDT CENTER OFF
5 AMP. 125 VOLTS
TWO HOLE MTG.
SIZE: EA. SW 3/4
x2x1. \$.35 EACH
BANK OF FOUR \$1.



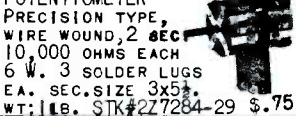
Capacitors

MFD	VDC	SIZE	PRICE
2000	15	1 1/2 x 4 1/2 RD	\$.59
1000	50	1 1/2 x 4 1/2 RD	.75
8000	55	3 x 6 RD	1.55
24000	3	4 x 3 RD	1.50
4	400	2 1/2 x 3 1/2 x 1 1/2	.25
5x5	400	3 1/2 x 3 x 2	.50
10	400	4 x 4 x 1	.75
.5	500	1 1/2 x 1 1/2 x 2	.20
2	600	1 1/2 x 4 x 1	.25
4	600	3 x 2 x 1 1/2	.50
6	600	4 x 2 x 1 1/2	.75
7	600	4 x 4 x 2	.85
10	600	3 1/2 x 4 x 1 1/2	1.10
2 1/2 x 2 1/2	5	6 x 4 x 2	.75
1	1000	1 1/2 x 2 x 1	.50
2	1000	2 x 4 x 1	.75
15	1000	3 1/2 x 4 x 2 1/2	2.95
1	2000	2 x 3 x 1	1.25
.5	2500	3 1/2 x 3 x 1	.75
MFD	VAC	SIZE	PRICE
15	440	4 x 3 x 4	1.95
1	1000	3 1/2 x 4 x 2	.75

POTENTIOMETER 100
WATT, 100,000 OHM
IN 20 STEPS 5000
OHM EACH WITH HEAVY
DUTY CONTACTS & IN-
SULATED TERMINALS
7 SHAFT. DAVEN #1373
SIZE: 5 1/2 x 3 1/2, SHAFT 1-3/8 x
3/8. WT: 1 1/2 LB. STK#227281-3
\$1.25



POTENTIOMETER
PRECISION TYPE,
WIRE WOUND, 2 SEC
10,000 OHMS EACH
6 W. 3 SOLDER LUGS
EA. SEC. SIZE 3x5 1/2
WT: 1 LB. STK#227284-29 \$.75




MFD	VDC	SIZE	PRICE
156K	100V	6 M 4 M	
1000	15 MF	600	
106K	10 MF	600	
605K	6 M	4 M	
405K	600	600	
15	1000	3 1/2 x 4 1/2 x 2 1/2	\$2.95
10	600	3 1/2 x 4 1/2 x 1 1/2	1.10
6	600	4 1/2 x 2 1/2 x 1 1/2	.75
4	600	3 1/2 x 2 1/2 x 1 1/2	.50

Switches

Switches removed from new equip.

TYPE	MTG	VOLTS	ST#	PRICE
S.P.S.T.	NUT 3A/125	SW-105		.20
S.P.D.T.	"	8839K1		.35
4.P.S.T.	"	8833K2		.55
4.P.D.T.	"	SW-155		1.00
D.P.S.T.	"	8822K1		.35
D.P.D.T.	"	SWP221		.50
S.P.S.T.	"	8817K2		.25
(Momentary)				
D.P.D.T.	"	ST-22R		.40
(Momentary one side)				
SWITCH				
HEAVY DUTY TAP				
SWITCH 5 POSITION				
FOUR HOLE MOUNTING				
SIZE: 2 1/2 x 2 1/2 x 1 1/2				
STK# 329627				
\$1.50				

ANTENNA CIRCUIT SWITCHING SWITCH
100 WATT
Size 4 1/2 x
2-3/4"
3/Make
3/Break
#329626
\$2.50



Vibrators

VB-16/6, 12 or 24 volt
for PE-237 \$3.95

TYPES LISTED BELOW
\$1.95 Each

VB-1 /6 volt for PE-117
PE-97 & PE-237
(Same as VB-7)

VS-3 /6 volt for PE-104
(Same as Mall-550C)

G534/12 volt for PE-110

VB-8 /2 volt for PE-157

VB-9 /6 volt for PE-157


VB-11/24 " for PE-120

VB-12/6 " for PE-120

VB-13/12 " for PE-120



Rheostats



STK.#	WATTS	OHMS	PRICE
377345-1	150	4500	\$1.50
353-5049	50	8	.75
PR-833	50	200	.75
327275-4	25	750	.60
5895 (DUAL)	50	20	1.50
489485	50	25	.75
4582	50	6	.60
327075-2	200	75	1.95
15822	50	17	.60
41132	50	7.5	.50
3836	50	250	.75

Breakers



CAT. #	VOLTS	AMPS.	PRICE
P-011	125 AC	12	\$1.50
3H900-1.25	115 AC	1 1/2	1.00
3H900-3-2	115 AC	3	1.00
62349M6	117 AC	1.25 2.50	
(3 POLE)			
8751K4	30 DC	10	.50

Relays

ANTENNA
Change over
RELAY
12 Volt DC
2 Break
2 Make
100 Watt
Stock # 206191/L1 Price \$3.95



DYNAMOTOR
STARTING
Relay 14 volt DC
S.P.S.T. 43 AMP.
Stock#3HL777A/3
Price \$2.50



RATCHET TYPE
BAND CHANGE
MOTOR AS USED
IN SCR-522
FOUR POSITION
12 VDC OPERA-
TION.
STK# 3H3112
REMOVED FROM
EQUIPMENT.
PRICE: \$2.50



SPERTI VACUUM
SWITCH AS USED IN
ART-13
TRANSMITTER
KEYING RELAY
DESCRIBED BELOW, SPDT
STK#329847-4.5 PRICE \$11.50



Kits \$1.00

DISC CERAMIC
CONDENSERS
33 ASST.
15MMF-.01MFD.
Good Value
\$1.00 a KIT



TUBULAR
CONDENSER
50 ASST.
.00025 to .1
200 to 600 V
\$1.00 a KIT



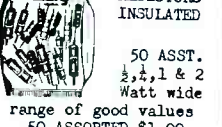
MICA
CONDENSERS
25 ASST.
10 MMFD To
6800 MMFD.
\$1.00 a KIT



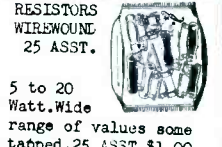
TRIMMER
CONDENSERS
25 ASST.
3 to 280MMF
WIDE RANGE
\$1.00 KIT.



RESISTORS
INSULATED
50 ASST.
1/2, 1 & 2
Watt wide
range of good values
50 ASSORTED \$1.00



RESISTORS
WIREWOUND
25 ASST.
5 to 20
Watt Wide
range of values some
tapped. 25 ASST \$1.00



VOLUME
CONTROLS
10 ASST.
Popular
Values
\$1.00




TUBE
SOCKETS
20 ASST.
Octals
Loctals
Minatures
Wafers etc
\$1.00




PILOT
LIGHT
SOCKETS
25 ASST
Bayonet
Screw etc.
\$1.00




TERMINAL
STRIPS, Tie lug
strips, ASST
types. 25 for
\$1.00



TERMINAL
LUGS, ring
spade, crimp
types. Wide
variety of
sizes for all uses in
clear plastic box,
Approx 200 PCS \$1.00



ROTARY SWITCHES
BRAND NEW
ORDER NOW
6 for \$1.00



BATHUB
CONDENSER KIT
.1 MFD. to 1. MFD.
up to 600 Volt.
10 for \$1.00

HARDWARE KIT
NUTS, WASHERS
SCREWS, RIVET
GROMMETS ETC.
1 1/2 LBS. \$1.00



B-8 GUN CONTROL SWITCH
HAND GRIP. 3 MOMEN-
TARY PUSH, 1 TRIGGER
& 1 3 WAY THUMB.
W/CONN. PLUG \$1.00

THERMOSTAT
SWITCHES
KIT OF 5
\$1.00

MICRO-
SWITCHES
KIT OF 5
\$1.00



BC-603, BC-683
BC-604 & BC-684
SPARE PARTS CHEST
FOR STORING TUBES
& PARTS. SAME SIZE
& SHAPE AS RECEI-
VERS 2 COMPARTME
TS. SIZE 7x11x11
WT \$1.00

METAL BOX WITH
REMOVABLE TOP,
CUTOUPS FOR AC OUT
LETS & SWITCH.
SIZE: 6 1/2 x 4 1/2 x 4 1/2 PRICE: \$.50



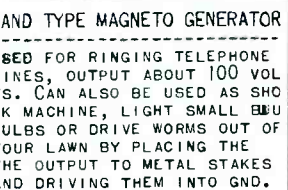
ALARM BELL OPER-
ATES ON 24 VOLTS
DC OR AC. SIZE
3 1/2 x 2. EDWARDS #
95606.
BLACK ONLY \$1.00



HORSESHOE MAGNETS
5 lb. Lift 2 1/2 x 2 3/8" 1/2 lb. \$.50
25 lb. Lift 2 1/2 x 2 1/2 x 1 1/2 1 1/2 lb. 2.90



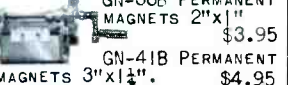
HAND TYPE MAGNETO GENERATOR
USED FOR RINGING TELEPHONE
LINES, OUTPUT ABOUT 100 VOL
TS. CAN ALSO BE USED AS SHO
CK MACHINE, LIGHT SMALL BBU
BULBS OR DRIVE WORMS OUT OF
YOUR LAWN BY PLACING THE
THE OUTPUT TO METAL STAKES
AND DRIVING THEM INTO GND.



GN-38 WITH THREE
MAGNETS \$2.95



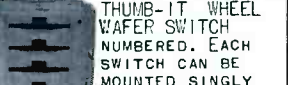
GN-38B PERMANENT
MAGNETS 2"x1" \$3.95



GN-41B PERMANENT
MAGNETS 3"x1 1/2" \$4.95



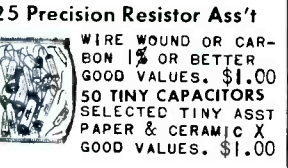
GN-38A WITH COIL
MAGNET \$2.95



G-25A ROUND TYPE
MAGNETO \$2.50



THUMB-IT WHEEL
WAFFER SWITCH
NUMBERED. EACH
SWITCH CAN BE
MOUNTED SINGLY
OR IN BANKS.
SIZE EACH SECTION
2 1/2 x 2 1/2. REMOVED FROM EQUIP.
PRICE: 11 CONTACT.... \$.50
19 CONTACT.... .75

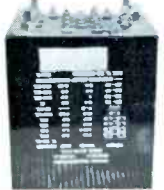


25 Precision Resistor Ass't
WIRE WOUND OR CAR-
BON 1% OR BETTER
GOOD VALUES. \$1.00
50 TINY CAPACITORS
SELECTED TINY ASST
PAPER & CERAMIC X
GOOD VALUES. \$1.00




MINIMUM ORDER \$3.00

Power Transformer Filament Modulation Microphone Chokes



PRI: 115/230 60 cyc
SEC: 800 CT. 120 MA
6.4 4.5 AMP
5 2 "
6.3 .6 "
6.4 450 MA
Size 5x5x6 WT. 13 lbs.
Stock # 229621-380
PRICE: \$2.95




PRI: 115/230 V 60 cyc
SEC: 240 VCT 35 MA
24 V .9 AMP
6.3 " .6 "
6.3 " .3 "
Size 3x3x3 WT. 4 lbs.
Stock # FM-13-317
Price \$1.25




HIGH VOLTAGE
PRI: 115 V. 4 A.
115 V. 4 A.
SEC: 6000 V. 80 MA.
NO TAP.
SIZE: 7x6x7; 20 LBS
\$7.95




PRI: 115/230 60 cyc
SEC: 750-0-750
1.66 AMP @ 1.66
SIZE: 13x10x11
WT: 115 LBS.
STK# 229607-16
PRICE: \$29.50



MODULATION TRANSFORMER
Watts 20 Response
Response 200-5000-1DB
Pri.Z 6000 SEC.Z 6000
Collins #677-2010-00
Size 2 1/2 x 2 3/4 x 3 1/2 WT. 3 1/2 lbs
Stock# 229634.53
Price \$2.95




PRI: 115 V 60 CYC.
1200 200 MA.
12.5 2 AMP.
12.5 2 AMP.
5 3 AMP.
Size 4 1/2 x 4 1/2 x 4 1/2 WT. 10 lbs
Stock # FAIR-617
Price \$8.95
DESIGNED FOR COMMAND
TRANSMITTER




6 HY 75 MA
150 OHM
3x3x2 1/2 WT: 2 1/2
STK# 3C316-7
PRICE: \$.79



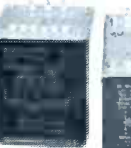
14 HY 125 MA
275 OHMS.
2 1/2 x 3 1/2 x 5 1/2
308-708-060
\$1.25



PRI: 115 V 60 cyc.
SEC: 1080 CT. 142 MA.
6.3 1 AMP.
6.3 2 AMP.
5 3 AMP.
Size 5 1/2 x 5 1/2 x 5 1/2 WT. 14 lbs
Stock # 229613.52
PRICE: \$3.95




PRI: 115 v. 60cy
SEC: 24 V. 1.5 A
5 V. 6.0 A
6x4x2 1/2; WT: 8LB
#229621-508
\$1.95



AUTO VIBRATOR
TRANSFORMER
VIBRATOR 12/115CY
SEC: 248CT 90 MA
2.4 AM
115 CYCLE
SIZE: 2 1/2 x 3 1/2 x 3 WT4
STK# 229625-75
PRICE: \$1.50




SEC: 650VCT 50MA
6.3 " 5 A
10.2 " 13 A
25NCT 4 A
RCA#K901467-502
SIZE: 6x6x6; WT: 25
PRICE: \$5.95



PRI: 115 V 60CY
SEC: 750CT 150MA
6.3CT 5 A
5.0 4 A
4 1/2 x 4 3/4; 9 LBS.
TG-10/27290
\$2.75

TYPE AS FAIR#617
PRI: 115 V 60 CY
SEC: 550CT 150 MA
12 V 4 A.
5 V 3 A.
SIZE: 4x5x4; 7 LBS.
STK# FAIR-1490
PRICE: \$7.95
DESIGNED F/BC-923



DUAL CHOKE
11 HY 100 MA.
200 OHMS.
4 1/2 x 5 1/2 x 5 1/2 WT. 8 lb
ST.#3C557F-1
PRICE: \$.75



5 HY 250 MA
80 OHMS
3 1/2 x 4 3/4; 6LB
ORD# 459360
\$2.50



PRI: 115 V 60 cyc.
SEC: 624 CT. 70 MA.
6.3 1 AMP.
6.3 2 AMP.
5 3 AMP.
Size 5 1/2 x 5 1/2 x 5 1/2 WT. 14 lbs
Stock # 229611.39
PRICE: \$1.95



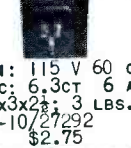
PRI: 115 V/50-60C
SEC: 720 CT/200MA
12.6 3 A
6.6 10 A
5.25 3 A
S/5x4x5 1/2 WT.
STK# 203533
PRICE: \$4.95

VIBRATOR 12/115CY
SEC: 300 CT 100MA.
27 CT 2MA.
SIZE: 3x3x3 1/2 WT: 4LB
STK# 229625-73
PRICE: \$1.50

VIBRATOR FOR ABOVE
TRANSFORMERS 6.3 V
4.3 AMP. FOR 12 V
USE DROPPING RESIS
TOR.
STK# 3H6690-15
PRICE: \$1.95




PRI: 115 V 60 CYC
SEC: 6.3 V 2.7 AMP
SIZE: 2 1/2 x 2 1/2 x 3 1/2; 1 1/2 LB.
STK# 5950-186-9789
PRICE: \$1.50



PRI: 115 V 60 CYC
SEC: 6.3CT 6 AMP
3 1/2 x 3 1/2; 3 LBS.
TG-10/27292
\$2.75

TYPE AS FAIR#617
PRI: 115 V 60 CY
SEC: 500CT 125 MA
24 V 2 A.
5 V 3 A.
SIZE: 4x5x4; 6 1/2 LB.
STK# FAIR-1424
PRICE: \$6.95
FOR R-77/ARC-3



8 HY 100 MA
160 OHMS
2 1/2 x 3 1/2 x 2 1/2; 4LB
#TR-1024
\$1.50




25 HY 160MA
350 OHM
3 1/2 x 3 1/2 x 4; 8LB
3C317-38
\$1.50



PRI: 115 V 60 cyc.
SEC: 624 CT. 70 MA.
6.3 2.1 AMP.
5 3 "
Size 3 1/2 x 4 x 6 WT. 8 lbs.
Stock # 229611.39
PRICE: \$1.95

PRI: 115 V/50-60C
SEC: 720 CT/200MA
12.6 3 A
6.6 10 A
5.25 3 A
S/5x4x5 1/2 WT.
STK# 203533
PRICE: \$4.95


AUTO - ISOLATION
STEP UP-STEP DOWN
TRANSFORMER
PRI: 70/100/140/200
60 CYCLE
SEC: 12.6 CT .7 A
6.3 CT .9 A
6.3 CT 1.5 A
6.3 CT 1.5 A
2.5 KV TEST
SIZE: 5 1/2 x 3 1/2 x 4 WT 5LB
STK# GE7465625-PI
PRICE: \$2.95




FILAMENT
TRANSFORMER
PRI: 70/100/140/200
60 CYCLE
SEC: 12.6 CT .7 A
6.3 CT .9 A
6.3 CT 1.5 A
6.3 CT 1.5 A
2.5 KV TEST
SIZE: 5 1/2 x 3 1/2 x 4 WT 5LB
STK# GE7465625-PI
PRICE: \$2.95

MODULATION
TRANSFORMER
WATTS: 75
PRI: 200-250 OHM
SEC: GRID 813 TUBE
WITH SIDETONE
SIZE: 2 1/2 x 3 1/2 x 3 1/2 WT 2 1/2
STK# GE7465620-1
PRICE: \$2.95

PRI: 115 V 60 CY
SEC: 500 CT 80 MA.
24 V 2 A.
5 V 3 A.
SIZE: 2 1/2 x 2 1/2 x 3 1/2 3LB.
STK# FAIR-818
PRICE: \$4.95
FOR BC-603,683
COMM/ARC RECEIVER



MICROPHONE
PRI: 14.5 -
21 OHM
SEC: 4475 -
6500 OHM
CARBON MIC.
2 1/2 x 3 1/2 x 2 1/2 2LB
#P7762352G1
\$1.00



OUTPUT
TRANSFORMER
MP/MS-1.77/
6.60, 50 to
5000 cy. 005A
SIZE: 2x2x2
SEM7465623-1
PRICE: \$.75



PRI: 210/230 60CY
SEC: 3000 700 MA.
TAPPED: 1500,
2100 & 1050
SIZE: 14x11x9 150LI
STK# 229607-14
PRICE: \$34.95

POTENTIAL TRANS
PRI: 1/2/4/10/20/
40/100/200/40
0/1000/2000 V.
SEC: 40 V 100 MA.
6x7x4 1/2; WT: 20 LB
ESPEY#T-4 16,271
\$5.95

SEC: VOLTAGE DEPE
NDS ON WHAT PRI.,
TAPS ARE USED.
SIZE: 5x7x5 WT. 16
STK# 229605.3
PRICE: \$7.95



PRI: 115 V 60 CYC
SEC: 2.65V 3.5 A
2.65V 3.5 A
6.3V 3.5 A
SIZE: 3 1/2 x 5 3/4; 8LB
#BNJ-166
\$2.50



MODULATION TRANSFORMER
100 Watt
RESPONSE 200 to 5000
PRI: 7000 SEC: 7000
F/BC-191/375 TRANS.
size 3x4x5 WT. 5 1/2 lbs.
stock # 2c6191/T1
Price \$3.95

PRI: 115 V 60 cyc.
SEC: 12.5 V 2 AMP.
12.5 2 "
Size 4 1/2 x 4 1/2 x 2 1/2 WT. 1 1/2
Stock # FAIR-5005
PRICE: \$4.95



5 HY 50 MA.
250 OHM.
2x2x2 1/2 WT. 1 1/2
Stock# 3C367-2
PRICE: \$.75




MP/MS-1.77/
6.60, 50 to
5000 cy. 005A
SIZE: 2x2x2
SEM7465623-1
PRICE: \$.75



LOW PASS
FILTER
TWO IDENTICAL
UNITS
IN CASE
1/REC.
1/TRANS
600 OHM
IMPED-
ANCE TO 2500 CYCLE
UNBALANCED CIRCUIT
SIZE 3 1/2 x 3 1/2 x 5 1/2;
WT: 4 1/2 LBS.
3Z1892-1.4 \$2.95

PRI: 115 V. 60 CY
SEC: 1540 CT. 166A
1230 CT. 257A
BOTH VOLTAGES ONE
WINDING
5.1 4.5A
6.5 4.0A
6.5 .5A
7 1/2 x 6 x 6 1/2; WT: 35 LBS
STK# 229613.53
\$7.95

PRIMARYS:
2/100 V
60 CYCLE
SECONDARYS:
2.5V 2A
7.5V 1.25A
21V .1A
11V 10.0A
10V 6.5A
SIZE: 8x
4x6; 19LBS
CAY30219 \$3.95




PRI: 230/460 60cy
SEC: 1025 CT 350MA
4 60"
SIZE: 4 1/2 x 6 1/2 x 6 1/2 32LB
STK# 229601.84
PRICE: \$2.95
USE TWO FOR 115 V

MODULATION-TRANS.
200 WATT
200-15000CY 1DB
PRI. P.P PLATES
5400 OHM.
SEC: 600 OHM C.T
50 V.C.T.
2400 OHM 350 MA.
4x5x4 1/2; 12 LBS.
#677-0388-00
PRICE: \$4.95

Same style as #5005
PRI: 115 V 60 cyc
SEC: 24 V 1 AMP.
Size 2-3/4 x 2 1/2 x 2 1/2 WT. 2.1lb.
Stock # FAIR-718R
Price \$1.95

Same style as #5005
PRI: 115 V 60 CYC.
12.5 V 1 AMP.
Size 2 1/2 x 2 1/2 x 2 1/2 WT. 1 1/2 lb
Stock # FAIR 2468
PRICE \$1.75




3.5 HY 200 MA
70 OHMS
3 1/2 x 4 x 3; 5 LBS
ORD. #7629828
\$1.75

AUDIO OUTPUT
TRANSFORMER
PRI: 450 ohm
SEC: 300/4000
ohms Impedance
PO/BC-348
STOCK# 2C4348/T
2x4x2 1/2 WT. 2 1/2 lb
Price \$ 1.00

PRI: 115 60 cyc
SEC: 2400 CT 106 MA.
Size 7 1/2 x 4 x 6 1/2 WT. 25 lb
Stock# 229614-152
Price \$5.95

PRI: 115 V 60 CY
700CT 200 MA
700CT 60 "
2/ 5.0 2 A
2/ 6.3 .7 A
1/ 6.3 8.0 A
5 1/2 x 5 1/2 x 6;
GARDNER #517
\$3.95



PRI: 115 V 60 CYC
SEC: 1025 CT 350MA
4 60"
SIZE: 4 1/2 x 6 1/2 x 6 1/2 32LB
STK# 229601.84
PRICE: \$2.95
USE TWO FOR 115 V




PRI: 230/460 60cy
SEC: 1025 CT 350MA
4 60"
SIZE: 4 1/2 x 6 1/2 x 6 1/2 32LB
STK# 229601.84
PRICE: \$2.95
USE TWO FOR 115 V

3.9 HY 950 MA.
TAPPED 2.7 HY.
25 OHM DC, 2500VRMS
SIZE: 11x8x7; WT: 45
STK# 3C315-16
PRICE: \$14.95

Transformer
Pri: 100 ohm
Sec: 4000 "
PO/BC-709 Amp.
3/4x3/4x1 1/2
ST#229931
Price \$.59

Transformer
Pri: 1.5 ohm
Sec: 35-35 "
PO/BC-347
3/4x3/4x1 1/2
Stock# 229947/421
Price \$.59



Microphone
Transformer
Pri: 1 ohm
Sec: 2000 "
1 1/2 x 2 1/2
ST# 229666A
Price \$.59



Microphone
Transformer
Pri: 15 ohm
Sec: 5000 "
1 1/2 x 1 1/2
PO/BC-26/AIC
ST# 229631.121
Price \$.59

UTILITY BLOWERS

THE BLOWERS LISTED BELOW ARE STANDARD SHADED POLE TYPE AND ARE QUITE RUNNING WITH NO RADIO INTERFERENCE.

50 & 100 CFM BLOWERS

For Heat Boosters, Dryers, Exhausters, Drafts
You can't buy a better blower for forced drafts for warm air heating systems, heat boosters, exhausters, dryers, etc. Lowest priced, best made blowers of their kind.

#1C939F \$8.95
Single and twin types, 50 and 100 CFM respectively. Sturdy 3" dia. blower wheels are direct-driven by 115V, 60 Cy., quiet running Dayton motors. Steel housings are rubber mounted. 2 1/2" discharge. 1/2" wire leads. 2030 ft./min. 9" wire leads. Black finish. Shpg. wts. 5 and 6 lbs.

340 CFM TWIN BLOWER

For Hot & Cold Air Circulation, Exhaust, Etc.

#2C069F \$20.95
For this 275 CFM Dayton Twin Blower, ideal for air circulation, forced draft, and exhausting jobs requiring more air than possible with single blower. Efficient, dependable and quiet. 4 1/2" dia. balanced wheels powered by 1550 RPM, 115V, 60 Cy. motor with 12 leads. Rubber mounted pressed steel housings with 3 1/2" x 3" outlets. Each outlet has 4 1/2" square flange to facilitate mounting. Outlet velocity is 1960 ft./min. 4 1/2" dia. air intake. 115V, 60 Cy. 8 3/4" x 8 3/4" D. Black, baked-on enamel. You'll like this blower's performance and the way it is built. Wt. 12 lbs.

15 CFM BLOWER No. 2C782F \$8.75
100 CFM BLOWER No. 2C781F \$10.95

2C781 100 CFM 115 VOLT 60 CYCLE INTAKE 3" OUTLET 2-1/8" FL 4-1/8" SIZE 5-13/16" X 6-3/4" X 6-5/16" SHPG. WT. 5 LBS. PRICE: \$10.95

2C782 15 CFM 115 VOLT 60 CYCLE INTAKE 2-7/8" OUTLET 1 1/2" FLG 2 1/2" SIZE 3-13/16" X 4" X 3-7/8" SHPG. WT. 2 1/2 LBS. PRICE: \$8.75

108 CFM 'PANCAKE' BLOWER

Compact—Motor is Inside Blower Wheel

#2C067F \$12.95
Dayton "pancake" moves 108 CFM where in stallation space is limited. Only 4 1/2" wide—because motor has been built inside blower wheel. Fits into 5-1/2" W x 8 3/4" H x 8 3/4" space. Discharge 3 3/4" W x 3" H. Outlet velocity is 1530 ft./min. 4 1/2" dia. squirrel cage blower wheel and air intake.

Steel, rubber mounted housing with baked on black enamel finish. 1550 RPM, 115V, 60 Cy. motor with 12 leads. Shpg. wt. 6 lbs.

140 CFM UTILITY BLOWER

For Exhausting, Forced Draft, Cooling, Etc.

Delivers blasts of air \$11.95
Com. pact, 140 CFM single-inlet blower. Top performance for forced draft, ventilating, exhausting, cooling and drying applications. 5 1/2" x 4" mounting flange with 2 1/2" square discharge. Outlet velocity is 3230 ft./min. 3 1/2" dia. blower wheel direct-driven by 2800 RPM, 1 1/2 HP, 115V, 60 Cy. motor with conduit box and 20' leads. 7 1/2" x 7 1/2" H x 7 1/2" W (less flange) x 6 1/2" D. Order sample and test best 140 CFM utility blower. Wt. 9 lbs.

350 CFM DAYTON BLOWER

4 1/2" Wheel, 1/10 HP, 115 V, 60 Cy. Motor

2C841F \$22.75
Designed for applications that require more air than average shaded pole blower provides. Ideal for many exhausting, heating, cooling, drying, circulating, etc. applications. 350 CFM at 0.07 SP, 1500 ft./min. air 5 1/2" x 2 1/2" W blower wheel is direct driven by 1/10 HP, 1500 RPM, 115V, 60 Cy. motor mounted shaded pole motor. 190 F L. watts, 2.9 F.L. amps, 12" No. 18 wire. Precision steel housing with 5 1/2" x 2 1/2" mtg. flange. 4 1/2" x 7 1/2" H discharge. 5 1/2" dia. air intake. 115V, 60 Cy. motor. Baked black finish. Shpg. wt. 13 lbs.

MINE DETECTOR

SCR-625 Famous Army MINE-DETECTOR UNUSED CHECKED LESS BATTERIES \$32.95



\$37.95 WITH BATTERIES. BATTERIES ONLY \$5.95
USED TO DETECT HIDDEN METAL OBJECTS IN THE GROUND OR OTHERWISE HIDDEN UP TO 24 INCHES DEEP DEPENDING ON THE SIZE, AND GROUND CONDITIONS. DETECTION IS NOTED BY A TONE SIGNAL THAT IS FED INTO THE HEAD SET OR SPEAKER UNIT THAT ARE SUPPLIED WITH THE SET SHIPPED IN CARRYING CASE WITH INSTRUCTIONS, 75 LBS

CRY BUTTONS REFLECTORS CAN BE USED TO MAKE SIGNS OR MARKERS. SHINE WHEN LIGHT STRIKES 2" DIA. REQUIRES #10 NUT FOR MTG. NC#15-1. CARD OF 100 \$2.00

FLASHER

SUNBEAM#1567 115 VOLT 60 CY. 1/2 MINUTE ON 1/2 MINUTE OFF. 2 OUTPUT RECEPTABLES, LINE CORD, SWITCH, MOTOR ETC. 4 1/2" x 4 1/2" x 3"; WT: 3 LBS. \$1.75

THERMOSTATIC SWITCH OPERATING TEMPER. 150-350 F, 35 AMP. 120 VOLT AC ONLY 10" CAPILLARY TUBE, BODY 3 1/2" x 2 1/2", USED WITH PRINT DRYER, WILCOLATOR TYPE R-2. \$2.95

SELECTOR SWITCH FOUR DECK, 11 CONTACTS EACH DECK. SIZE 2x3 IN. PLUS SHAFT. 3Z9825-55-29 \$1.00
ROTARY SELECTOR SWITCH, ONE DECK CERAMIC, 11 POSITION, 2" DIA. STK#3Z9825-62-178 PRICE: \$.59 EA. 2 FOR \$1

KNIFE SWITCH D.P.O.T. 1 1/2" x 2-5/8" LEVITON 9919 PORCELAIN BASE. \$.39 EA. 3 FOR \$1.00

MEISSNER COIL KIT FOR SIGNAL SHIFTERS. PLUG-IN TYPES, 3 COIL OSC. PLATE, OSC. GRID & BUFFER COILS. EACH SET OF 3 \$1.00
ALL 3 SETS... 2.50
A-18-2951 2040 to 2410 kc.
3C368-14 1000 to 1170 kc.
3C2501-17 40 METER BAND

BUD 40 METER TRANSMITTING COIL MOUNTED ON A 5 PRONG CERAMIC BASE. 18 TURNS 1-3/4" DIA. 2 OUTSIDE TURNS 1-7/8" DIA. \$3C804 \$.75

DC BLOWER

DUAL OUTPUT 12 OR 24 VOLT DC. 3000 RPM @ 24V APPROX. 100 CFM, 1500 RPM 12V, 65 CFM. SIZE: 10x5x5 WT: 5 LBS. #5BA25KJ501 \$1.95

TS-164 FREQUENCY METER CASE (GOOD FOR BC-221, TS-174, TS-175 ETC.) WITH TWO BALLAST TUBES, VR-105 REGUL-ATOR TUBE & RELAY INSTALLED IN THE REAR COMPARTMENT WHICH IS 2" DEEP, FRONT COMPARTMENT 9 1/2" x 7 1/2", HINGED COVER WITH PLASTIC COVER FOR CHART. UNUSED \$3.95

PPI RADAR SYNCHRONIZER OFFSET CHASSIS ASSY WITH TUBES 2/6AT6 1/6100, 1/6096, 1/6101, CERAMIC SOCKETS, 5 TEST PIN JAC PRECISION RES., COND, TRANS, SIZE 7 1/2" x 5 1/2"; 4 LBS. \$1.50 STK. No. 1013 \$1.50

MX-303A MAGAZINE FOR WIRE RECORDERS ANQ-1A, VRW-1 ETC. W/WIRE ON SPOOLS, MAGNETIZING HEAD, TIMERS, SWITCHES ETC. SIZE: 8 1/4" x 4 1/2"; 5 LBS. RE-NEW \$1.95

DICTIPHONE HEADSET ASSY. LIGHTWEIGHT BAND W/PLASTIC EAR PCS. CONNECTED TO RUBBER TUBE THAT COMES TO A Y THAT EXTENDS TO A RUBBER CUP 4" CAN BE USED AS A VIBRATION TESTER OR A WAY OUT SOUND REPRODUCER. STK#6C262-719 \$1.00

CAPACITOR BANK IN METAL BOX. TOTAL CAPACITY 15 MFD 600 VDC 1/1, 2/2 & 2/5 6 3/4" x 4 1/2" x 5; 6 LBS. #R16-11687-500 \$.75

BC-610 OSCILLATOR PLUG IN UNITS FOR 500 WATT TRANSMITTER WILL MAKE A GOOD FOUNDATION FOR A 25-40 WATT TRANSMITTER CONTAINS VAR. CAPACITORS, COILS KNOBS, CRYSTAL SOCK. SWITCH ETC. (ALL UNITS ARE USED AND HAVE CRACKED INSULATION ON THE PLUG IN PIN TU# FREQ. Mc. TU# FREQ. Mc. 47 2.0-2.5 48 2.5-3.0 49 3.2-4.0 50 4.0-5.0 51 5.0-6.3 53 8.0-12.0 62 1.0-1.5 SIZE: 2x8 1/2" x 4 1/2"; 2 1/2 LBS. \$1.75

COILS PLUG IN AIR TYPE 5 BANANA PINS. 3 1/2" x 4 1/2"; 1 LB. \$1.95
FOR BC-610 C-# FREQ. Mc. C-# FREQ. Mc. 389 4.5-5.7 447 8.0-11.1 448 11.0-14. 455 1.0-1.5 FOR T-4/FRC C-14 7.1-9. " " C-2 5.1-7.1

COMMAND RECEIVER VARIABLE 3 TO 6 Mc. 3 GANG WITH TRIMMERS & DIAL ASSY. 147 MM. # 4601 4x3x3; WT: 1 LB. \$1.95
ALLIGATOR CLIP WITH SCREW CABLE HOLDER & PINCH SPIKE AT JAWS. 2 INCHES LONG. 6 FOR \$5.0

GLOBE INDUSTRIES TYPE A PHOTO-CELL ASSY. BATT. OPERATED. W/ 921 PHOTO-CELL TUBE & IS4, SENSITIVITY ADJUSTMENT, RELAY, SWITCH, OUTLET ETC. SIZE: 3x4x5; WT: 2 LBS. PRICE: USED \$2.50

PHOTO-CELL ASSY USED IN MIRROR-MATIC SHOWN ON PAGE 13, WITH PHOTO CELL, 12 VOLT RELAY TUBE SOCKET, SENSITIVITY CONTROL, FLIP COIL, LESS 12K5 TUBE. 4x2 1/2" x 2; 1 LB \$.59
PHOTO-CELL TUBE ONLY \$.39 EACH 3 FOR \$1.00

PHOTO-CELL LIGHT RESISTANCE TYPE 1000 OHM, 1/2" SQUARE. #5169A USED \$1.00

PRINTED CIRCUIT BOARD WITH 20 TRANSISTORS 10 DIODES 50 RESISTORS 10 CONDENSERS. QUANTITIES MAY VARY 10% APPROX. SIZE 7x8; 1 LB. USED \$1.95

ARGUS AUTOMATIC TIMER No. 586 12 STOPS, 5-60 SECONDS, AUTOMATIC HOLD OR. REJECT ON ANY PRE-SELECTED STOP. MADE FOR SLIDE PROJECTORS CAN BE ADAPTED TO OTHER USES. 2 1/2" x 3 1/2" x 2 1/2" 2 LB \$2.95

HEATING ELEMENT

115 VOLT 500 WATT SINGLE SECTION STRIP 2 3/8" LG. X 1 1/2" WIDE X 7/16" METAL SHEATH & MTG. HOLES. 2 LBS 2Z5015-24 \$1.50 EA.

SAME AS ABOVE 150 WATT, 7 1/2" IN LG. 3H2503.1 \$.75 EA.
CHROMALOK HEATING ELEMENT 115 VOLT 50 WATT STANDARD SCREW BASE, 4 1/2" x 1 1/2"; 1 LB. #CHR-SCB \$.75

T-67/ARC-3 C129 POWER AMPLIFIER PLATE TUNING 4-17 MMF, 2500 V .0243 AIR GAP. SHAFT 13/16 x .31; 1/7/8 x 2 1/2" \$1.50

BC-624/522 RECEIVER, 3 GANG 6-36 MMF EACH SECTION WITH SLUG TUNED TRIM. SHAFTS 5/16 STK#309036V SIZE 4 1/2" x 2 3/4"; 1 LB. \$1.50

351-1013 3.5 to 27 MMF, 13 PLAT. SIZE 1-5/8 x 1-5/16, SHAFT 1 1/2 x 3/16. \$.75

TCS VARIABLE CAPACITOR 2 SECTIONS 10-280 MMF 1 SECTION 10-360 MMF, 4" 3 BAND DIAL CALIBRATED 1.5-3 MC 3-6 MC & 6-12 MC. WITH GEAR ASSY & LOCK. SIZE 7 1/2" x 3 1/2" x 3 1/2"; WT: 5 LBS. #W-881 PRICE: NEW \$3.95

CAPACITORS

VARIABLE CAPACITOR 5 SECTION 20-402 MMF EA. SECTION. WITH GEAR TR. AND SPLINED SHAFT, STRAIGHT SIZE: 9 1/2" x 4 1/2"; 4 LBS. #C-ARN-6 \$3.95

BC-348 C&S VARIABLE CAPACITOR, 4 SECTION 16 TO 241 MMF, WITH GEAR & COMP. 6 1/2" x 2 1/2" x 3 1/2"; 2 1/2 LBS. #3D9016V-1 PRICE: \$1.50

TANK TUNING CONDENSER MARK 11 RADIO SET. SINGLE GANG VARIABLE 0-563 MMF. SIZE 3 1/2" x 2 1/2"; WT: 2 LBS. #PC-80179C \$1.00

ART-13 VARIABLE CAPACITOR 50-200 MMF. 7000 VOLT .17" AIR GAP. WITH AUTO TUNE ASSY SIZE: 5x5x12. WT: 6 LBS. PRICE: \$6.95 #C-125

HAMMAR-LUND MFG #F1-475 PRICE: \$7.95
TRANSMITTER VARIABLE CAP. 42 TO 420 MFD, 3200 VOLTS. 52 PLATES, 3/32 SPACING. SIZE 8 1/2" x 2 1/2" x 4 3 LBS.

TRANSMITTER VARIABLE CAP. 42-420 MFD. 2000 VDC, 40 PLATES 1/16 SPACING. SIZE: 6x2 1/2" x 4 1/2" 2 1/2 LBS. #C#7765659-P1 PRICE: \$5.95

20 TO 156 MMF 31 PLATES, SIZE 4x2x3, SHAFT 1/8 x 3/8 GE#T7660443-6 PRICE: \$1.95

22 TO 118 MMF 31 PLATES SIZE: 4 1/2" x 2 x 3 SHAFT 1/8 x 3/8 GE#7463006-1 PRICE: \$1.95

6 TO 146 MMF 37 PLATES SIZE: 1-5/16 x 15/16 x 1 1/2; SHAFT 7/32 x 7/8 #3D9140V-7 PRICE: \$.69

SAME STYLE & TYPE AS ABOVE 9 TO 135 MMF; 37 PLATES; SIZE: 1-15/16 x 15/16 x 1-1/4 SHAFT SIZE: 1 1/8 x 1/4 #3D9135V-6 PRICE: \$.69

PA TUNING CAPACITOR FOR COMMAND TRANSMITTERS WITH GEAR TRAIN & DOUBLE END SHFT SIZE 4x2 1/2" x 3. STK#2C6397A/C8 PTF#-65/7321 PRICE: \$1.50

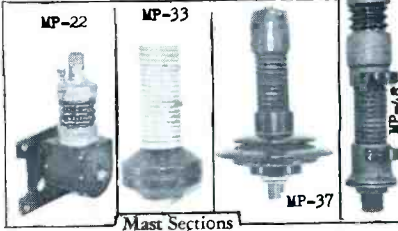
VARIABLE CAPACITOR 7 SECTIONS 1/80, 4/100 & 2/200, DRUM DIAL. 1 1/2" x 1 1/2" x 3; 5 LBS. #CA-325/BC-223 \$2.95

VACUUM CAPACITOR 3 MMFD 15 KVDC, PLUS OR MINUS 10% W/CONNECTORS. SIZE 5/8" x 4 JENNINGS TYPE Y-3 N. \$1.95

MINIMUM ORDER \$3.00

ANTENNAS

Mast Bases



Mast Sections

3 ft. Tubular steel, cooper coated and painted sections. These screw together to make any desired length. MS-49 being the top & smallest section increasing in size through MS-50-51-52-53 to MS-54 being the larger one. Either the MS-53 or MS-54 will fit together to form any additional height desired. Example a 33 ft. vertical may consist of one each MS-49, 50, 51, 52, and 7 each of MS-53 or it may be finished out on the bottom with 6 MS-54 sections. Self support to about 18ft. Average Wt. app. 3/4 lbs. MS-49-50-51-52-53 .50 ea. MS-54 .75 ea

Mast Bases

- MP-22** Side mount swivel mast base will tip to 90° either right or left. Has a spring snap lock in the vertical position, will take either the MS-53 or MS-54 mast sections. Size Mtg. plate 5" 6" X 10 1/2" high. Wt. 9 lbs. Price.....\$2.95
- MP-22A** Same as above except mounting hole is for the MS-51 with the MS-49, MS-50 and MS-51. This will make a 9 ft. tapered antenna. Price \$2.95
- MP-33** A heavy weight spring mast base for the MS-53 or MS-54 with 5" phenolic insulator. 10 1/2" high. Requires a 2" Mtg. hole. Wt. 8 1/2 lbs. Price \$3.95
- MP-37** Heavy coil spring with an 8" climber ceramic insulator. Requires a 2" Mtg. hole. 12" high. Wt. 10 1/2 lbs. Price.....\$5.95
- MP-48** A rugged mast base with the insulator above the spring will take the MS-53 or MS-54 mast sections. Size 3"D. X 16 1/2"H. Wt. 11 3/4 lbs. Price.....\$2.95

PARABOLIC ANTENNA

DISH PAN TYPE, FOUR (4) FOOT DIAMETER ALUMINUM PAINTED GREY, 21" FEED FOR APPROX. 7100 MC. THREE INCH ROUND MTG. FOR WAVE GUIDE SIZE 1-5/16 X 5/8, FOUR (4) MOUNTING STUDS WITH HARDWARE. PHILCO # 463-2252-1. SHIPPING WT. IN CARTONS 75 LBS. CRATE 225 PRICES: WITH FEED \$29.95 LESS FEED \$25.00 DEFROST ATTACHMENT \$5.00 EXTRA.

SIX HALF FT ANTENNA ANDREW # N-14519, DISH TYPE UY-2B 1700 TO 1850 MC. WITH FEED STUB, PIPE MOUNTING ALUMINUM PAINTED GREY, 6 FT. 6 INCHES. SHPG. WT. 415 UNUSED \$49.50

REFLECTORS

Microwave, PLANE TYPE CONFIGURATION, ALUMINUM, NOT PERFORATED. MOUNTED BY FRAME WORK OF REFLECTOR AND BRACKETS WITH HARDWARE, GUYS AND ADJUSTMENT FOR AZIMUTH. SIZE: 8 FOOT X 6 FOOT, NET WT. 125 LBS. SHPG. WT. 375. PRICE: \$50.00

- AS-150/ART Whip Antenna 30" long with 8ft. matching coax cable & SO-239 plug. \$1.50
- AS-97/ART Whip same as above except 72"rod. 1.95
- AS-27/ARN-5 Horizontal folded dipole as used with RC-103, BC-T33, ARN-5 Equip. on airplanes. 108-110 MC. UNUSED \$5.95
- AN-148 Dipole Antenna 150 to 180 MC. 2.95
- AN-104A Stub Antenna f/SCR-522 100-156MC. 1.25

AS-27

AN-148

APS-2 REFLECTOR

POLISHED SPUN ALUMINUM. BAND CAN BE REMOVED. DIAMETER 29" X 27" FOCAL LENGTH 5' HOLE DIAMETER 2 1/2" SHPG. WEIGHT 6 LBS.

IN-86

STRAIN INSULATOR Size 1x3 4 for \$1.

GROUND PLANE ANTENNA

Ground plane antenna to cover 20 to 50 MC. Made from surplus insulated base & screw in type mast sections. Mounts on 1 to 2 inch pipe. Specify operating frequency range.

Antenna Telescoping AN-29 for BC-659 12 FT, 10". \$2.95

AN-45 for BC-620 8 foot \$2.95

INSULATOR TERMINAL STRIP 8 feed thru insulators size 1/2 x 1, mounted on 1 x 9 terminal strip. Each strip \$.35 Four strips \$1.00

ANTENNA PHOSPHOR BRONZE #16 1 CONDUCTOR WITH 2 SNAPS & SLIDE CONNECTOR, INSULATED.

AN-22 " 20 " .65

AS-65/APQ-2A ANTENNA ASSEMBLY CONSISTING OF 2 3" BASES WITH UG-23 COAX. CONN. AND ALUMINUM RODS 3/12", 1/9", 1/7 1/5", 1/4". WT: 4 LBS. PRICE: \$1.50

AN-75D WHIP ANTENNA TELESCOPING TYPE. SEVEN (7) FT. EXTENDED 14" COLLAPSED, WITH MOUNTING BRACKET & BINDING POST. PRICE: EACH \$1.50

AT-35 DIPOLE ANTENNA 200-250 MC. WITH UG-22 COAXIAL CONN. 2A288A-35 WT: 2LBS. \$1.50

SPREADER INSULATORS WHITE CERA 3/4"x4", 2 1/2" HOLE. CENTERS. \$.25 EACH 5 FOR \$1.00 3/4"x 12", 10" HOLE CENTERS \$.45 EACH, 3 FOR \$1.25

AN 109 AN 130 AN 745 AN 74 AN 75

AN-109 WHIP ANTENNA; 5 FT. TAPERED 1/4 TO 1/8 PRICES: \$1.50 EACH SIX (6) FOR \$3.00

AN-117 WHIP ANTENNA; 6 FT. TAPERED 5/8 TO 1/8 PRICES: \$1.50 EACH SIX (6) FOR \$3.00

AN-75 TELESCOPING WHIP 7 FT. TAPER 5/8-1/16 PRICES: \$1.00 EACH SIX (6) FOR \$4.00

AN-745 TELESCOPING WHIP 8 FT. TAPER 5/8-1/8 PRICE: \$1.00 EACH SIX (6) FOR \$4.00

AN-130 GOOSENECK WHIP 30", SCREW BASE FITS INSULATOR LISTED BELOW. PRICE: \$1.00 EACH SIX (6) FOR \$4.00

AN-20T CHROME TELESCOPING 20" PRICE: \$.50 EACH SIX (6) FOR \$2.00

2A-124 ALUMINUM ROD 3/8" X 6 FT. NO TAPER PRICE: .75 EACH SIX (6) FOR \$3.00

A-27 PHANTOM ANTENNA USED WITH BC-653 & BC-191 TRANSMITTERS FOR TUNING & LOADING WITHOUT REGULAR ANTENNA BEING CONNECTED. CONTAINS A 0-150 MMF. WIDE SPACED 3/16, VARIABLE CAPACITOR, 2/12 OHM SPACED 40 WATT NON-INDUCTIVE RESISTORS, MOUNTED IN A CASE 3 1/2 X 4 1/2 THAT HAS A PONIOTER KNOB AND 0-100 SCALE, ANTENNA & GND LEADS WITH COVER. WT: 2 LBS. PRICE: RE-NEW \$1.50

A-62 PHANTOM ANTENNA \$1.25 USED WITH BC-604 TRANSMITTER FOR LOADING TRANSMITTER WITHOUT USE OF REGULAR ANTENNA. CAN BE USED FOR ANY TRANSMITTER IN THE 21 TO 28 MC. BAND. HAS A VARIABLE CAPACITOR 55 MMF., 2 RESISTORS, COIL SLUG TUNED, BINDING POSTS AND INDICATOR LAMP THAT LIGHTS WHEN TRANSMITTER IS LOADED. SIZE 3x6. WT: 4 LBS

GROUND PLANE ANTENNA

\$10.95

AT-598/APT WHIP ANTENNA 30 1/2" LG. WITH COAX. REC. FOR UG100A/U \$2.50
AT-598 MATCHING COAXIAL LINE 11 IN. RG-14 52OHM CONNECTORS \$2.50

AS-17/APS-2 RADAR ANTENNA; 30" DIAMETER, 360 DEG. ROTATION, OPERATES FROM 24 VOLT D.C., 115 VOLT 400 CYCLE SELSYN FOR POSITION TRANSMITTER, FREQUENCY COVERAGE APPROX. 3000 TO 4000 MC. SIZE: 40"x30"x18". WT: 175 LBS. PRICE: UNUSED \$24.95

DU-1 LOOP ANTENNA FOR ARB REC. USED AS A DIRECTION FINDER IN THE 200 TO 1600 KC RANGE, OPERATING VOLTAGE IS NORMALLY SUPPLIED BY THE RECEIVER WHICH IS APPROX. 200 VDC AND 12 OR 24 VOLT DC. WITH 2/12 SK7 TUBES. SIZE: 17x12x12: 10LBS PRICE: NEW \$18.95 CONNECTOR PLUG " \$1.00

AN-190 LOOP ANTENNA; FREQUENCY RANGE 3.5 TO 6 MC. CONSISTS OF 5 TURNS OF WIRE ON A COLLAPSIBLE WOOD FRAME WITH HANDLE, 3FT OF CABLE WITH PLUG AND COUPLING ADJUSTMENT. CAN BE USED ON OTHER FREQUENCY SIZE: OPEN 21 1/2 X 27, CLOSED 17 X 3; WT: 4 LBS. \$1.50

AS-26/APR-2 ANTENNA USED WITH R-34/APR-2 RECEIVER FREQUENCY 400 TO 1000 MC. WITH UG-22 COAXIAL RECEPTACLE. SIZE: 8x6; WT: 3 LBS. PRICE: NEW \$5.95 UG-21 COAX. CONNECTOR TO FIT UG-22..... \$.75

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS THAT TUNES FROM 200 TO 1750 KC, OPERATES FROM 26 VOLT 400 CYCLE SIZE: 10X11X5; WT: 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95

RADAR ANTENNA RCA#636500-1 24" PERFORATED REFLECTOR, 12" STUB. 1/4 H.P. MOTOR 208 V. 400 CYC. 3 PHASE 360 DEG. ROTATION, 22.5 VARIABLE ANGLE, AY-221S RESOLVER, 36/11.8 V. 400 CYC, 2 PHASE, RELAYS ETC. SIZE: 24 X 24 X 20; WT: 40 PRICE: USED \$19.95

AB-52/TRC-8 HALF WAVE DIPOLE ANTENNA & REFLECTOR 230-250 MC. 50 OHM COAX. CABLE FEED DIPOLE 1/2" DIA X 20" LG. 14" SUPPORT, UG-22 COAX FITTING, REFLECTOR 36x30, FOLDS TO 30"x23"x8", MOUNTS TO MAST HEAD BY MEANS OF ADJUSTABLE CLAMPS AND CAN BE USED FOR HORIZONTAL OR VERTICAL POLARIZATION. WT: 20 LBS. PRICE: \$3.95 UG-21 COAX. CONN. TO FIT ANTENNA \$.75

AS-158/APA-24 DIPOLE ANTENNA CONSISTS OF TWO DIPOLES THAT EITHER CAN BE USED IN A HORIZONTAL OR VERTICAL POSITION; FREQUENCY RANGE 450 TO 750 MC. MOUNTED ON 34" MAST, TWO LENGTHS OF TWIN COAX. WITH PLUGS 4 1/2 FT. PRICE: \$2.50

NEON LIGHTING ARRESTOR HI-POWER 4 for \$1



SMALL ANTENNA INSULATORS

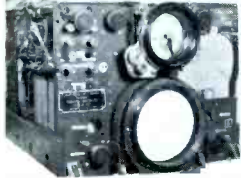
Insulating material made of polystyrene Size 1 1/2 x 1 1/2 Mtg. hole 3/4" Receptacle size 3/8 x 24 TH. STOCK # 223021-227 Fits ANT. AN-130, 131, Size 7/8 x 1 1/2 Mtg. hole 5/8" Receptacle size 1/2 x 20 TH. Fits any of the UHF Rods Stock # 223062-237 Specify type each \$7.5



R-58/ARQ-8 RECEIVER
USED WITH T-51 TRANSMITTER AS A SEARCH AND JAMMING SET IN 25 TO 105 MC RANGE. THE RECEIVER FREQ. WAS CONTROLLED BY THE TRANSMITTER OSCILLATOR AND FEED THROUGH THE COAXIAL CONNECTOR ON THE FRONT OF THE RECEIVER WHICH HAS A 20 MC. IF. A BAND-PASS CIRCUIT 5 MC. WIDE TUNABLE BETWEEN 25 & 105 MC IS USED BETWEEN THE MIXER CONTROL GRID AND THE ANTENNA. UNIT REQUIRES 115 VOLT 400 CYCLE & 24 VOLT FOR POWER. COMPLETE WITH TUBES 1/9001, 3/6SG7, 1/6SQ7, 1/6AG7 AND 1/5Y3GT. SIZE: 5 1/2" x 7 1/2" x 2 1/2"; WT: 25 LBS. PRICE: USED \$5.95

ILLUSTRATED COVER REMOVED. POWER PLUG, \$1.50
RECEIVER SCHEMATIC \$1.00/ POWER PLUG. \$1.50

RADAR INDICATOR \$24.95



PPI RANGE INDICATOR
FOR T-9 TRACKER RADAR SET AN/GPG-1. OPERATES FROM 115 VOLT 60 CYCLE WITH TUBES, 13/6J6, 2/12AH7, 1/6AG5, 5, 1/6AR6, 1/6AG7, 2/6C4, 4, 1/12AU7, 1/3DP1, 1/5ADP7 & 2/3829 ALL FOCUSING CONTROLS ON FRONT PANEL, CHASSIS ONLY, NO COVER. SIZE: 13x11x2 1/2"; WT: 80 LBS.

PRICE: USED \$24.95

PANORAMIC RECEIVER



R-61/ARQ-5 DOUBLE SUPERHET
RODYNE RECEIVER WITH MOTOR DRIVER CAPACITOR TUNING FOR SCANNING AM, FM, CW & WB VIDEO SIGNALS IN THE 18 TO 50 & 48 TO 80 MC BAND ON A 5CP1 CATHODE RAY TUBE THAT IS CALIBRATED AS TO FREQ. PRESENTATION IN THE LOW & HIGH BAND. SELECTION OF BAND, TO BE VIEWED, SELECTIVITY & CLIBRATION ARE ALL ON THE FRONT PANEL. SET IS OF UNITIZED CONSTRUCTION AND IS COMPLETE WITH 20 TUBES; 4/6AG5, 2/9002, 2/12SK7, ONE EACH 5Y3, 2X2, VR-90, 927, 12SQ7, 12SA7, 12H6, 12SQ7, 12SH7, 6SN7, 2050 & 5CP1. OPERATING VOLTAGE REQUIRED 80-115 VOLTS 400-2600 CYCLES 120 WATTS & 28 VDC WITH OPERATING MANUAL & SCHEMATIC. SIZE: 10" x 8 1/2" x 2 1/2". WT: 51 LBS. PRICE, NEW... \$49.50

PRICE: USED \$24.95

ID-169/APN-12 RADAR RANGE INDICATOR
OSCILLOSCOPE, USED WITH VARIOUS TYPE SETS FOR INDICATION OF INCOMING SIGNALS IN ORDER THAT THE RANGE MAY BE DETERMINED. HAS VERTICAL, HORIZONTAL, FOCUS, SWEEP & INTENSITY CONTROLS, COAXIAL ANTENNA, CHANGE-OVER MOTOR ALSO TUBES 3BP1, 2/6H6, 2/6SN7, 1/6G6, 1/6X1 & 1/2X2. OPERATES FROM 115 VOLT 400 CYCLE & 24 VDC. SIZE: 10x8x2 1/2"; WT: 40 LBS. PRICE: USED \$9.95



AMPLIFIER



NAVY INTERPHONE AMPLIFIER
USED WITH TCS EQUIPMENT. PUSH-PULL 2/12AG6 TUBES. CARBON MIC. INPUT 75-200 OHM ALSO 600 OHM OUTPUT 125 OHM. VOLTAGE REQUIRED 12 VDC & 250 VDC 60 MA. HAS MOUNTING FOR DYNAMOTOR 35x032, 12 VOLT. (SEE CONVERSION INFORMATION LISTED BELOW.) SIZE: 7 1/2" x 10 1/2" x 7"; WT: 15 LBS. PRICE: AMPLIFIER WITH TUBES \$2.95 " " " & Dyn. 6.95 KIT FOR CONVERSION TO SPEAKER OUTPUT, APPROX 5 WATTS, INCLUDES OUTPUT TRANSFORMER, MIC & PHONE JACKS, SWITCH, CABLE AND PLUG FOR PLUGGING INTO LIGHTER AND INSTRUCTIONS. \$2.00

AUTO PILOT



MISSILE AUTOPILOT AMPLIFIER
35 TUBES, 10/5814, 4/6AQ5, 4/6AQ5, 4/12AL5, 6/5879, 6/6AL5 & 1/5751 CIRCUITS, ROLL & PITCH, NORTH, SOUTH, EAST, WEST, GAIN & BALANCE CONTROLS, RESISTORS, CONDENSERS, TRANSFORMERS, RECTIFIERS LOADS OF PARTS MOUNTED ON A 3 SECTION ALUMINUM FRAME THAT CAN BE DISMANTLED. SIZE: 28 1/2" x 4 1/2" x 12 1/2"; WT: 35 LBS. PRICE: USED \$14.95



SURF HAILER

SURF-HAILER, ALL PURPOSE PORTABLE
AMPLIFIER, LISTENER AND FOG HORN UNIT UTILIZING A REVOLUTIONARY TRANSDUCER DESIGN HOUSED IN A MODERN BLUE & WHITE ALUMINUM CARRING CASE WITH A WEATHER-RESISTANT, RUSTPROOF TRUMPET SPEAKER AND HAND MICROPHONE ORIGINALLY DESIGNED FOR BOATS IT CAN ALSO BE USED FOR HUNTING, MEETINGS AUCTIONS ETC. THE LISTENER FEATURE IS ENSITIVE ENOUGH TO PICK UP THE STRIKING OF A MATCH AT 20 FT. THE TRUMPET CAN BE DISCONNECTED AND MOUNTED ELSEWHERE SO IT CAN BE USED AS A SENTRY FOR PROWLERS, NURSERY, BIRD CALLS ETC. THE FOG HORN GIVES OUT APPROX 30 WATTS AND THE AMPLIFIER APPROX. 15 WATTS OF DISTORTION FREE VOICE. REQUIRES 3 BURGESS T-W2 12 VOLT LANTERN BATTERIES FOR OPERATION. SIZE: 7 1/2" x 6 1/2" x 9 1/2" w/ SPEAKER 14 1/2"; WT: 12 LBS. PRICE: (LESS BATTERIES) \$49.50 NEW

CAY-47150 TUNING UNIT

FREQUENCY 300-800 KC. USED WITH THE GP-6 TRANSMITTER UNIT CONTAINS A GREAT DEAL OF USEFULL PARTS SUCH AS 3 CERAMIC WAVE-COUPLER COILS, 4 CERAMIC HEAVY DUTY WAFER SWITCHES, A DUAL GEAR DIAL VERNIER DIAL 3", 4 CERAMIC SHAFT COUPLERS, CONDENSERS, RESISTORS, KNOBS ETC. SIZE: 11x8x8 1/2"; WT: 15 LBS. PRICE: USED \$2.95 UNUSED \$3.95

T-28APT TRANSMITTER

RADAR JAMMING TRANSMITTER
COVERING THE FREQUENCY OF 140 TO 210 MC. USES TUBES 931 (NOISE TUBE) 2/832, 2/6C4, 2/5R4, 3/6AC7, & 1/6V6, 1/6X5 COMPLETE WITH TUBES, 2/24 VOLT BLOWERS, POWER SUPPLY 115 VOLT 400 TO 2600 CYCLE. OSCILLATOR AMP. PLATE, GRID PLATE & MIXER PLATE CONTROL ON FRONT PANEL. SIZE: 7 1/2" x 10 x 20 WT: 40 LBS. PRICE: USED \$12.95



T-9 TRANSMITTER \$9.95

T-9/APQ-2 RADAR TRANSMITTER
AM 200 - 500 MC ORIGINALLY USED IN AIRCRAFT FOR JAMMING RADIC & RADAR SIGNALS. APPROX. 6 TO 15 WATTS OUTPUT DEPENDING ON FREQ. EXCEPTIONALLY STABLE LINE OSCILLATOR EMPLOYING TWO W.E. 388 DOORKNOB TUBES IN PUSH PULL. INDEPENDENT GRID & PLATE TUNNING WITH INDICATION ON VEEDER ROOT COUNTERS. COAXIAL OUTPUT POWER MEASURING ASSY WITH ADJUSTABLE OUTPUT COUPLING & TUNNING ASSY. VOLTAGE REQUIRED 450 VDC 250 MA. & 2 TO 6 V. COMPLETE WITH TUBES 931 NOISE TUBE, 2/807, 2/6AC7, 1/6AG7, 2/388 TUBES. SIZE 7 1/2" x 10 x 19 1/2"; WT: 33 LBS.

SYNCHRO INDICATOR

INDICATOR ASSEMBLY FROM CRV-55ABL CONSISTS OF 2 SYNCHRO MOTORS MARK 4, MOD. 2 SIZE 5F 115/90 V. 60 CY CONNECTED TO A 7 1/2" SCALE 0-360 DEGREES INNER AND OUTER FIX. ALUMINUM CHASSIS NO COVER 14x14x 1 1/4"; WT: 40 LBS. AS DESCRIBED \$14.95 SYNCHRO MOTOR ONLY \$8.95 SYNCHRO CONTROL TRANSFORMER MARK 3, MOD. 2, 5CT 90-55 VOLT TO BE USED WITH ABOVE UNIT, \$9.95

SYNCHRO RECEIVERS

RECEIVERS TYPE 23TR6 PART NO. 76766355, 115 V 60 CYCLE, 2"x4" SAME AS USED IN THE ABOVE UNIT. WEIGHT PER PAIR 5 LBS. PRICE: \$10.95 EACH 20.00 PAIR

SYNCHRO SELSYNS

SYNCHRO GENERATOR SPERRY PT#R5663642
MFG. BY BENDIX FOR IBM. SIMILAR TO BENDIX # AY-401-2. OPERATES FROM 26 VOLTS 400 CYCLE SINGLE PHASE WHEN USED IN CONJUNCTION WITH BENDIX # AY-201 SYNCHRO CONTROL TRANSFORMERS IT WILL OPERATE UP TO 20 UNITS. WILL ALSO OPERATE FROM 6 VOLT 60 CY. WITH A SLIGHT LOSS. SIZE: 2 1/2" x 2 1/2" x 1 1/2"; WT: 12 OZ. PRICE: NEW \$2.95 2 FOR \$5.00

AY-201 SYNCHRO CONTROL TRANSFORMER
MFG. BY BENDIX, ROTOR 1 PHASE 26 VOLT 400 CYCLE, STATOR 3 PHASE 11.8 VOLTS. SIZE: 1 1/2" x 1 1/2" x 1 1/2" x 1/16"; WT: 3 OZ. CONDITION REMOVED FROM EQUIPMENT. PRICE: \$1.95 EACH 3 FOR \$5.00

KEARFOOT R-200 SYNCHRO CONTROL TRANSFORMER. ROTOR 26 VOLT 1 PHASE 400 CYCLE, STATOR 11.8 VOLT 3 PHASE. SIZE: 1 1/2" x 3/4" x 1 1/2" x 1/16"; WT: 3 OZ. CONDITION REMOVED FROM EQUIPMENT. PRICE: \$2.95 EACH

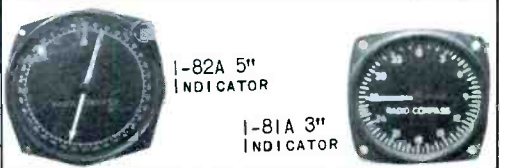
2J1FI SELSYN GENERATOR
NORMALLY OPERATES FROM 115/57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 36 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM TO THE RIGHT. SIZE 2 1/2" x 4 1/2"; WT: 8 OZ. PRICE: WITH CONNECTOR CAPS. \$2.95

SELSYN SYNCHRO

NAVY TYPE SYNCHRO GENERATOR
5G MK1, Mod. 5; 115/90 V. 60 CYCLE. CAN BE USED FOR DIRECTIONAL CONTROL TO A REMOTE POSITION IN PAIRS AS TRANSMITTER & RECEIVER. EACH UNIT WILL FOLLOW OTHER UNIT IN DIRECTION AND SPEED OF ROTATION. HEAVY DUTY GEAR TRAIN WITH SELSYN/SYNCHRO AS ILLUSTRATED, SIZE 10x8x5, WT: 12 LBS. \$7.95 SELSYN/SYNCHRO ONLY 6 1/2" x 4 WT: 5 " 5.95 GEAR TRAIN ONLY 10x3x5 WT: 7 " \$1.50



LP-21LM LOOP ANTENNA
AS USED ON AIRCRAFT WITH RADIO COMPASS RECEIVERS FOR USE IN THE 200 TO 1750 KC. COMPLETE LOOP ILLUSTRATED TO THE LEFT. ILLUSTRATION TO THE RIGHT IS WITH HOUSING REMOVED AND IN THE CENTER ARE ILLUSTRATED THE GEAR TRAIN MOTOR, REVERSIBLE CK-2 AND AUTOSYN SELSYN MC-217/MC-507 WHICH ARE INSIDE THE BOTTOM HOUSING ALSO CONTAINED THEREIN IS A SLIP RING ASSY. MOTORS OPERATE FROM 26 VOLT 400 CYCLE BUT CAN BE OPERATED FROM 60 CYCLE AS SHOWN IN WIRING DIAGRAM BELOW. SIZE: OVERALL 20x16x10, WT: 12 LBS. COND. USED. LP-21-LM LOOP COMPLETE WITH HOUSING \$9.95 LP-21-LM " " LESS " 6.95 CK-2 GEAR TRAIN MOTOR ONLY 4.95 MC-217/MC-507 AUTOSYN SELSYN 3.95 PL-112 PLUG TO FIT LOOP 9 CONTACT 2.50 PL-108 PLUG " " " 4 " 1.50



1-82A 5" INDICATOR
1-81A 3" INDICATOR
1-82A INDICATOR 5" ILLUSTRATED TO LEFT ABOVE 0-360 DEGREE SCALE CONTAINS A MATCHING AUTOSYN MOTOR TO BE USED WITH THE LP-21LM LOOP. OPERATES FROM 26 V 400 CYC. (60 CYC SEE BELOW) 1-81A INDICATOR 3" ILLUSTRATED TO RIGHT ABOVE 0-36 DEGREE SCALE CONTAINS A MATCHING AUTOSYN THAT WAS USED WITH THE LP-21LM LOOP. OPERATES FROM 26V 400 CYC. (60 CYC. SEE BELOW) 1-82A INDICATOR 5" UNUSED \$3.95 1-81A INDICATOR 3" USED 2.95 PL-118 CONNECTOR PLUG FOR INDICATORS 2.50EA

P 4 COMPUTER

MFG. BY SPERRY GYROSCOPE CO. THIS UNIT WAS GIVEN MUCH OF THE CREDIT FOR THE SUCCESS OF THE B-29 BOMBER SQUADRONS. CONSISTS OF AN INTRICATE OPTICAL SYSTEM MFG. BY EASTMAN - KODAK THAT INCLUDES TWO PERISCOPES THAT REVOLVE, ONE 22" OTHER 68" AND ARE INTERCHANGEABLE. THE MAIN UNIT IS 35x25x11 AND CONTAINS VARIOUS TYPES OF SMALL 24 VOLT DC MOTORS, PRECISION SEXTANT, SWITCHES, GEARS CAMS, BEARINGS AND THOUSANDS OF OTHER PARTS. SHIPPING WT: 250 LBS. PRICE: UNUSED \$59.50



SIGNAL LIGHT

SIGNAL LIGHT NAF# 1171-2, 26 VOLT D.C. SEALED BEAM WITH FOUR FILTERS, RED GREEN & AMBER. TRIGGER SIGNALING OR CON STANT AS A SPOT LIGHT. WITH 10 FT. RUBBER CORD, MOUNTING BRACKET AND FIBER CARRYING CASE. SIZE 6x8; WT: 8 LB. UNUSED \$6.95



DIGITAL DISPLAY

ONE PLANE DIGITAL DISPLAY UNIT. PRESENTS ON 1 1/2 x 2 INCH SCREEN NUMBERS 1 TO 11. ANY AMT. OF UNITS CAN BE MOUNTED SIDE BY SIDE TO GIVE A SINGULAR DISPLAY. ILLUSTRATION SHOWS FOUR UNITS SIDE BY SIDE. USES LM-47 LAMPS 6.3 VOLT SIZE: 1 1/2x2 1/2x6; WT: 1 LB. NEW \$9.95

BC-638
FREQUENCY METER
100 TO 156 MC
CRYSTAL CONTROL
ON FOUR PRE-SET
FREQUENCIES; VAR-



IABLE TUNING WITH MAGIC EYE CONTROL. USED WITH SCR-522 AND OTHER SETS. OPERATES FROM 115 VOLT 60 CYCLE ALSO PROVISIONS FOR BATTERY OPERATION AND HAS SELCONTAINED MODULATOR. RACK PANEL MTG. 19" x 7x9; WT: 35 LBS. PRICE: USED \$12.95



TS-16/APN TEST SET FOR CHECK-ALTIMETERS IN THE 418 TO 462 MC BANDS. UNIT CONTAINS A 5" 6 BAND DIAL THAT IS USED TO SELECT THE AUDIO SIGNAL THAT IS VARIABLE FROM 50-3000 CYC THE 2" 0-30 VDC METER IS USED TO INDICATE THE BANOWITH WHEN THE WAVEMETER CONTROL IS VARIED IN ACCORDANCE WITH INSTRUCTIONS FURNISHED WITH SET. OPERATES FROM 24 VOLTS DC. SIZE: 17 1/2x15x11; WT: 40LBS. PRICE: USED \$9.95

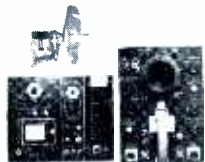
TS-170/ARN-5 TEST OSCILLATOR
332.6 333.8 335.0 MC

BATTERY OPERATED, CRYSTAL CONTROLLED ON THREE PRESELECTED FREQUENCIES, 90 & 150 CYCLE MODULATION; USED TO ALIGN GLIDE PATH RECEIVER & DETERMINE SENSITIVITY 2", 0-1 DC MILLIAMPERE METER FOR MEASURING CIRCUITS. HOUSED IN ALUMINUM CARRYING CASE 12 1/2x9 1/2x8, WT: 12 LBS. NEW 16.95 PRICE: USED \$12.95



1-199 TEST SET DYNAMOTOR & HAND GENERATOR TESTER USED TO CHECK EQUIPMENT UNDER LOAD CONDITIONS. INPUT VOLTAGE READINGS 0-60 VOLTS DC & 60 AMPS. D.C. OUTPUT VOLTAGES 0-1200 VOLTS D.C. & 600 MA. D.C. ALSO PERCENTAGE OF RIPPLE IN THE INPUT & OUTPUT, ALL SHOWN ON 3" RD. METERS ALSO CONTROLS FOR VARIING VOLTAGE & CURRENT UNDER LOAD. SIZE: 18x12x11; WT: 40 LBS. PRICE: USED \$29.50 NEW \$39.50

AM-6/APA-1 AMPLIFIER & 10-15 APA-1 INDICATOR WHICH ARE SEPARATE UNITS. AMPLIFIER CONTAINS THE 115 VOLT 400 CYCLE SUPPLY AND THE VIDEO CIRCUITS FOR OPERATION OF THE INDICATOR THAT USES A 3BP1 TUBE. THE INDICATOR ALSO HAS THE CABLE FOR PLUGGING INTO THE AMPLIFIER. SUPPLIED WITH TUBES 1/3BP1, 1/2X2, 1/6G6, 7/6SN7, 1/6H6 & 6X5 AM. 7x12x8; IND. 18x4x4; WT: 22 LBS. USED PRICE: USED \$7.95



LZ RADAR TEST SET, CONSISTS OF OSCILLOSCOPE, ANTENNA WITH COAXIAL CABLES & PLUG AND FREQUENCY METER/SIGNAL GENERATOR COMBINATION. DESIGNED TO OPERATE IN APPROX. 568 TO 1781 MC. OPERATES FROM 115 VOLT 60 CYCLE. THE SCOPE HAS A 3" CR TUBE, THE FREQ. METER/GENERATOR 0-50 MICROAMPMETER AND THE ANT. IS IN MOUNTED ON A 10" REFLECTOR WITH PLASTIC COVER. THE UNITS WILL BE SHIPPED IN WOODEN CHESTS APPROX 200 LBS. TOTAL WEIGHT. ALL THREE UNITS \$60.00 (LIMITED SUPPLY)



TS-305A/UP POWER METER
POWER OUTPUT METER FOR USE IN THE FREQUENCY RANGE OF 220-320 MC IN SIX STEPS. KILOWATT METER 3 1/2", 0-50 SCALE. WITH TUBES 1/6H6 1/6SN7 & 1/2B22. ALUMINUM CARRYING CASE 12x10x12. OPERATES FROM 115 VOLT 50-1600 CYCLE. WT: 23LBS. PRICE: USED \$9.95

TESTER ASSEMBLY T-101001

STABILIZATION TEST SET FOR AUTOMATIC PILOT. CONTAINS A 2 1/2" AC METER WITH CENTER SCALE 50-0-50 & 15-0-15, 5 POSITION METERING SWITCH FOR RANGE & 11 POSITION SWITCH FOR MEASURING VOLTAGE FROM THE EXTERNAL PIN-JACKS OR CONN. PLUS. ALSO HAS 7 TOGGLE SWITCHES, 4 LIGHTS, 2 6AL5 & 1/2C51 TUBES. IN ALUMINUM CARRYING CASE. SIZE: 13 1/2x11x11. WT: 22LBS. PRICE: USED \$6.95



1-95 FIELD STRENGTH METER
USED TO CHECK THE SIGNAL OUTPUT & MODULATION OF THE SCR-522 RADIO SET WHICH OPERATES IN THE 100-156 MC. AM BAND. CAN BE USED FOR ANY SET IN THIS BAND. CONSISTS OF A 2" METER, CALIBRATED DIAL, TELESCOPING ANTENNA WITH IS5 TUBE IN A VACUUM-TUBE VOLTMETER CIRCUIT. REQUIRES BATTERIES DRY CELL 2/22 & 1/1 1/2 V. SIZE: 8 1/2x7 1/2x7 1/2; WT: 14 LBS. USED \$12.95

ALTIMETER TEST SET



TS-10B APN
USED FOR CHECKING SENSITIVITY, TUNING, ANTENNA SYSTEMS, CALIBRATION AND LIMIT CALIBRATIONS OF ALTIMETERS. CONTAINS 370 FT & 70 FT 58OHM RG-54A/U COAXIAL CABLE DELAY LINES, L-101 COAXIAL ATTENUATOR, 10-98 INDICATOR, 2/8 FT 1/20" 1/12" OF RG-8 52 OHM COAXIAL CABLE WITH PL-259 CONNECTOR EA. END AND 4/SO-239 CONNECTORS. COMPLETE IN CARRYING CASE 19x15x7 WT 36 (SEE PAGE 5 FOR COAXIAL CABLE & CONN. ONLY) PRICE: USED \$15.00 UNUSED \$18.00

1-61 TEST SET FOR TRANSMISSION MEASURING

PORTABLE BATTERY OPERATED UNIT USED TO MEASURE LOSSES OR GAINS IN CIRCUITS OR APPARATUS. AUDIO OSCILLATOR FREQUENCIES OF 500, 1000 AND 2500 CYCLES WITH LEVELS OF -40DBM, -20 DBM OR 0 DBM INTO A 600 OHM LOAD, THE RECEIVING AMPLIFIER IS CALIBRATED TO MEASURE LEVELS FROM A 600 OHM SOURCE BETWEEN -50 DBM & 15 DBM IN STEPS OF 0.5 DBM OVER THE FREQUENCY RANGE OF 100 TO 10,000 CYC THE 0 DBM IS ONE MILLIWATT IN 600 OHMS. UNIT ALSO CONTAINS A EE-8B FIELD TELEPHONE, BATTERY OPERATED ASSY. WITH A TS-9 HANDSET. AND BE PURCHASED WITHOUT THIS ASSEMBLY. COMES IN WOOD CARRYING CASE 18 1/2x10x11; WT: 47LB PRICE, COMPLETE WITH TELEPHONE ASSY & TS-9 USED \$29.95 RE-NEW \$39.50 LESS TEL. ASSY " 19.95 " " 29.50



1-142 RADAR TEST SET DESIGNED TO FURNISH A COMPARATIVE INDICATION OF TRANSMITTER OUTPUT AND MEASURE PULSE RECURRENCE RATE. CONSISTS OF DUMMY LOAD WITH 3" METER 0-50 MA WITH 0-100 SCALE. UNUSED SIZE 8x10x11; 14 LBS. \$8.95



URC-4 TEST SET



TS-684/URM-30 ANALYZER FOR URC-4 RADIO SET, ALIGNMENT AND TESTING CONTAINS 0-1 MA METER, METERING SWITCH, CRYSTAL OSCILLATOR, ANTENNA CABLES ETC. IN METAL CARRYING CASE. SIZE: 6x6x4; WT: 4 LBS. NEW \$8.95

TS-15A/AP FLUX METER

PORTABLE TEST SET USED FOR MEASURING FLUX DENSITY OF MAGNETS IN TERMS OF GAUSSES. CONTAINS 3 1/2" FAN TYPE METER AND A PORTABLE PICKUP THAT TRANSFERS THE ENERGY FROM THE MAGNET TO THE TEST SET. HOUSED IN OAK CARRYING CASE WITH INSTRUCTIONS. SIZE: 5x10x6. 6LBS PRICE: USED GOOD CONDITION \$22.95



COLD CYLINDER INDICATOR



COLD CYLINDER INDICATOR ASSY. USED TO CHECK THE TEMPERATURE OF AIRCRAFT ENGINE BY A RELATIVE INDICATION ON A 3 1/2" MIC-AMP METER THAT HAS A PAIR OF TEST LEADS ONE OF WHICH IS FOR FASTENING TO THE ENGINE PROBE. THE METER SCALE IS 0-300, MOVEMENT 0-900 MICROAMP AND CONNECTED TO PROBE 0-50 MA. UNIT IS COMPLETE WITH CARRYING CASE. SIZE: 9 1/2x3 1/2x4; WT: 5 1/2 LBS. PRICE: USED \$5.95

TS-36/AP X BAND RADAR POWER METER; GENERAL PURPOSE TEST INSTRUMENT USED FOR CHECKING RADAR SETS IN THE X BAND. W/0-200 DC MICROAMP METER, 3 1/2" RD. BATTERY OPERATED. ALSO HAS SQUARE WAVE GUIDE ATTACHMENT SAME AS USED ON TS-35 X BAND SIG BAND SIGNAL GENERATOR. SIZE: 9x7x6 WT: 9 LBS. PRICE: LIKE NEW \$9.95



BC-611 TEST SET

IE-17 TEST EQUIPMENT USED FOR TESTING & ALIGNMENT OF REC-TRANS, TESTING CRYSTALS AND MEASUREMENT OF VOLTAGE OF BATTERIES BA-37 & BA-38. CONSISTS OF THE FOLLOWING 1-135 TEST UNIT IN CASE WITH HINGED COVER & HANDLE CONTAINS MICROPHONE, EARPHONE, MULTIRANGE 3" METER FOR CHECKING 0-3 & 0-150 VDC 0-1.5/15/60/600 MA DC & 0-60 VAC WITH MASTER SWITCH, RF & AUDIO OSCILLATOR CRYSTAL TEST & BATTERY COMPARTMENT ALSO CABLE HARNESS. CS-81 TEST CASE WHICH IS THE SAME SIZE AS THE BC-611 AND IS USED TO HOLD THE CHASSIS UNDER TEST, HAS PRESS TO TALK SWITCH AND ALIGNMENT OPENINGS. (NO MIC OR EARPHONE OPENINGS.) FT-252 TEST STAND FOR HOLDING CS-81 CASE & A-82 PHANTOM ANTENNA WHICH CONSIST OF A 3" 0-40 MA. RF METER, VARIABLE COND. & REC.-TRANS. SWITCH MOUNTED ON A BAKELITE PANEL. COMPLETE UNIT AS DESCRIBED ABOVE WITH INSTRUCTION MANUAL AND WOOD CHEST SIZE: 19 x16x9 ALL IN NEW CONDITION. SHPG. WT: 44 LBS



BC-221 FREQ. METER



THIS IS A SIMPLE, ACCURATE AND RELIABLE, CRYSTAL-CALIBRATED FREQUENCY INDICATING INSTRUMENT FOR USE IN THE 125 TO 20,000 KC. RANGE WITH A NORMAL OPERATING ACCURACY OF LESS THAN .02%. CAN ALSO BE USED AS A SIGNAL GENERATOR OR VARIABLE FREQ. OSCILLATOR COMPLETE WITH TUBES, ORIGINAL CRYSTAL & CALIBRATION BOOK. OPERATING VOLTAGE REQUIRED FOR USE WITH DRY CELLS, 6 VDC .9 AMP. & 135 VDC 20 MA. SIZE: 10x13 1/2x10, 22 LBS. PRICE: LIKE NEW, CHECKED NO MODULATION \$79.50

STROWGER RELAY

STROWGER STEP BY STEP RELAY ASSEMBLY IS USED IN CENTRAL OFFICE DIAL TELEPHONE EXCHANGE. THIS IS THE HEART OF THE DIAL TELEPHONE SYSTEM AS IT HAS THE TEN STEP BANK SELECTION AND 10 STEP LINE SELECTION TRUNK LINE SENSING MECHANISM WITH NECESSARY HOLD AND RELEASE RELAYS. (THE BANK OF ROTARY STEPPING SWITCHES IS NOT PART OF THIS ASSY) SIZE 14x5x7; WT: 13 LBS. WE#ED55242-31G1 PRICE: USED \$5.95



TELEPHONE BANK

TELEPHONE RELAYS FOR LINE USE. OPERATES FROM 48 VDC, 1000 OHM Z A SINGLE CONTACT, 500 OHM Z BR DOUBLE CONTACT, 20 OF EACH RELAY MOUNTED FOR 26" RACK. SHPG. WT: 35 LBS. REMOVED FROM EQUIPMENT. PRICE 40 MOUNTED RELAYS \$9.50 EACH RELAY 35¢

MULTIPLEX

PHILCO SIGNALING & TERMINATION UNIT CST-2 STANDARD 19" RACK AND IS USED IN MULTIPLEX SYSTEMS FOR TRANSMISSION OF NORMAL DIAL OR RINGDOWN SIGNALING AND TERMINATES THE FOUR-WIRE CIRCUIT OF THE MULTIPLEX INTO THE TWO-WIRE TELEPHONE CIRCUIT. A 3.5 KC OSCILLATOR TONE IS USED FOR SIGNALING WITH THE USE OF HYBRID COILS AND T PAD ADJUSTMENTS PROPER ATTENUATION OF THE VOICE LEVEL IS MAINTAINED. OPERATES FROM 115 VOLT 60 CYC AND IS COMPLETE WITH 2/12AU7 TUBES, FOUR RELAYS AND INSTRUCTION BOOK. COND. UNUSED. SIZE: 4 1/2 x 19 x 12; SHPG. WT. 50 LBS. \$9.95

ASB 7 RADAR
CAY-52 TRANSMITTER, SELF-PULSED EMISSION, 515 MC. PER-SECOND APPROX. 2 MICROSECONDS DURATION KEYING FREQ. 400 CYC. PER. SEC. APPROX. 5 KILOWATTS POWER
CAY-46 RECEIVER, 510 to 525 Mc. TUNEABLE, 1ST IF 55 MC. 2ND IF 16 MC. POSITIVE VIDEO PULSE OUTPUT, INPUT IMP. 50 OHMS, OUT PUT 230 OHMS. WITH 11 TUBES.

CJP-55 INDICATOR, CR TUBE 58PI VERTICAL TRACE, HORIZONTAL DEFLECTION, 400 CYC. SWEEP, APPROX RANGE 0-2, 7, 28 & 70 NAUTICAL MILES.

CJP-20 RECTIFIER POWER SUPPLY SUPPLIES ALL THE VOLTAGES NEEDED FOR OPERATION OF THE EQUIP. POWER INPUT 115 VOLT 600-1400 CYCLE, 1 PH. 3 AMPS. 345 WATTS.

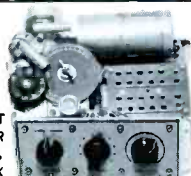
CJP-14 ANTENNA SWITCHING UNIT, USED FOR SWITCHING FROM ONE ANTENNA TO ANOTHER, 24 VDC

CJP-23 CONTROL UNIT, FOR MANUAL CONTROL EQUIP.

ONE OF EACH PIECE EQUIPMENT DESCRIBED ABOVE ACTUAL WEIGHT 90 LBS, SHPG. WT. 130 LBS. CONDITION UNUSED, PRICE..\$49.75

AUTO CONTROL

ELECTRIC AUTOTUNE ASSEMBLY THAT OPERATES FROM 115 VOLT 60 CYCLE, 1/100 HP CAPACITOR TYPE MOTOR WITH AUTOMATIC GEAR & RACETT ASSEMBLY THAT ENABLES YOU TO PRE-SET MOTOR ANY 10 POSITIONS IN 360 DEG. UNIT IS GEARED TO A TWO DECK 12 POSITION CERAMIC WAFER SWITCH THAT TERMINATES INTO A PLUG-IN SOCKET. TAKE OFF OF POWER CAN BE MADE AT BACK OF MOTOR OR CERAMIC SWITCH MAY BE REMOVED. ADJUSTMENTS FOR STOPS ARE MADE AT THE MOTOR AND THE CONTROL PANEL CAN BE LOCATED AT A REMOTE POSITION WHERE THE MOTOR STOP CAN BE SELECTED, PANEL ALSO HAS LIGHT DIMMER CONTROL AND LOCAL & REMOTE POSITION SWITCH. PART OF RDZ AUTOTUNE, COLLINS#596A RDZ#23491 SIZE: 9x4x6, WT: 7 LBS. PRICE: NEW \$5.95



MD-34/ARA-8 MODULATOR KEYING UNIT AUTOMATIC HOMING KEYING ASSY. THAT OPERATES FROM 24 VDC MOTOR THAT IS CONNECTED TO A WORM GEAR WHICH ACTUATES THE CODED WHEEL THAT INTERRUPTS THE SIGNAL AND TRANSFERS FROM ONE ANTENNA TO ANOTHER. ALSO HAS RELAY AND THREE SO-239 TYPE COAX. CONN. CAN BE USED AS A REMOTE ANTENNA CHANGE-OVER. SIZE: 3 1/2 x 10 x 4 1/2, WT: 5 LBS. PRICE: USED..... \$1.95



TP-7 REPEATER, VOICE FREQUENCY FOR USE ON FOUR WIRE LINES AS A THROUGH OR TERMINAL REPEATER. CONSISTS OF TWO, TWO-STAGE AMPLIFIERS THAT THE INPUTS AND OUTPUTS CAN BE SWITCHED FROM 300, 600 OR 1200 OHM IMPEDANCE.

COMPENSATING CONTROLS FOR VARIATION OF TRANSMISSION LOSSES DUE TO THE LINE AND TO ALLOW ADJUSTMENTS IN ORDER TO OBTAIN A FLAT FREQ. RESPONSE. EACH AMPLIFIER HAS A OPERATING GAIN OF 35 DB AT 1000 CYCLE OR A POWER LEVEL OF 20 DB. OPERATES FROM 12 VDC OR 110 V. 60 CYCLE. FOR PORTABLE USE OR RACK MOUNTING. SIZE: 1 1/2 x 9 1/2 x 20; WT: 40 LBS. UNUSED \$12.95

TG-30 REPEATER, TELEGRAPH TERMINAL FOR TRANSMITTING OR RECEIVING ON A HALF DUPLEX ONE CHANNEL OPERATION. CAN BE USED TO INTERCONNECT NEUTRAL AND POLAR ENTIAL OR TWO PATH POLAR

TELEGRAPH OR TELETYPEWRITER SYSTEMS ON SIMPLIFIED OR COMPOSITED RETURN CIRCUITS. SPEED 60/66. OPERATES FROM 115/230 V. 50/60 CYC & 115 VDC SHIPPED IN WOOD CHEST 25x16x14; 175 LBS PRICE: USED \$12.95 RE-NEW \$16.95

TELEGRAPH REPEATER WE#61824A, TWO COMPLETE UNITS WITH RECTIFIERS THAT OPERATE FROM 115 V. 50-60 CYCLE. THE REPEATERS ARE DESIGNED TO OPERATE AT TELETYPE SPEEDS, OPEN WIRE COMPOSITED OR SIMPLEX CIRCUITS, 2 PATH POLAR OR OTHER FORMS OF TRANSMISSION. METERING, PATCHING JACKS, TESTING, MONITORING AND ADJUSTING CONTROLS ARE ALL AVAILABLE ON THE FRONT PANELS.

THE UNIT IS HOUSED IN A METAL CABINET WITH A HINGED DOOR FRONT & BACK. SIZE: 22 1/2 x 17 x 42; WT: 200 LBS. RE-NEW PRICE: LESS PLUG-IN RELAYS RE-NEW \$19.95 WITH " " " RE-NEW \$34.95

BE-70 WIRE CHIEFS TELEPHONE SWITCHBOARD TEST SET. PROVIDES A MEANS OF LOCATING PRACTICALLY ALL FAULTS COMMON TO MAGNETO AND COMMON BATTERY TELEPHONE EXCHANGES. TEST CAN BE MADE IN A SIMPLE MANNER FOR GROUNDS, SHORTS, OPENS, CROSSES AND BAD JOINTS UNIT CONTAINS A WESTON MODEL 24, 7 INCH, 100, 000 OHM VOLTMETER, 0-40 DC SCALE, HAND CRANK GENERATOR SWITCHES ETC. SIZE: 12x18x9; WT: 32 LBS. \$14.95 RE-NEW

MODEL 14AT TELETYPE TYPING UNIT, USES 3/8" TAPE THIS EQUIPMENT WAS RECENTLY TAKEN OUT OF SERVICE AND WAS OPERATING AT THE TIME BUT IS NOT GUARANTEED TO BE IN OPERATING CONDITION. SIZE: 15x15x15; WT: 100 LBS. PRICE:.... \$69.95

PAPER TAPE 3/8" FOR TELETYPE MACHINES, NOT GUMMED, 30 ROLLS \$3.00/60 ROLLS \$5.00

PE-250 TELERING GENERATOR INTERRUPTER RINGING MACHINE FOR TELEPHONE LINES. OPERATES FROM 110 VOLT 60 CYCLE 50 WATT, OUTPUT 90 VOLT 20 CYCLE, REQUIRES 50 WATT LAMP FOR INDICATING SHORT OR HEAVY LOAD. 8 1/2 x 4 x 12; 15 LBS. USED \$4.95 RE-NEW \$7.95

PORTABLE REPEATER

EE-89 TELEPHONE REPEATER; PORTABLE BATTERY OPERATED, 2 WAY LINE UNIT, CAN BE USED AS TERM. OR INTERMEDIATE AMPLIFIER, USES ONE 3Q5GT TUBE, INCLUDES HEADSET ELEMENT FOR MONITORING AND GAIN CONTROL, BATTERY VOLTAGE REQUIRED 1.5 & 90 VDC. IN WOOD CASE W/CARRING STRAP. SIZE: 6x9x8; WT: 12 LBS.

SONAR DRIVER; 17 TO 26 Kc. C.W & F.M EMISSION ONE BAND, 400 WATTS, INPUT 440 VOLT 60 CYCLE 3PHASE, TRANSFORMERS CAN BE REMOVED FOR 1 PHASE, USES 6/866, 2/803, 1/801 TUBI NAVY # CRV-52329. SIZE: 17 1/2 x 48 x 24 1/2 SHPG. WT: 450 LBS. PRICE: " WITH TUBES.... \$59.50 " " " 35.00

MISCELLANEOUS

ANNUNCIATOR

10-2 1/4 FT ANNUNCIATOR LIGHT ASSY CALL SYSTEM NUMBERED 1 TO 100, 1-3/4 INCH NUMBERS, OPERATES FROM 48 VOLTS A.C. OR D.C. NUMBERED TERMINAL BOARD FOR EASY WIRING. WITH ALL OPERATING LAMPS & SPARES SIZE 29 1/2 x 35 1/2 x 4 1/2; SHPG. WT: 159 LBS PRICE: UNUSED \$18.95

THERMO-GRIP ELECTRIC SOLDERING IRON MFG BY IDEAL INDUSTRIES, MODEL 5C. OPERATES FROM 115 VOLT 60 CYCLE 10 AMPS. OUTPUT OF TR TRANSFORMER IS 3-4 VOLTS AC, 2-300 AMPS. PLIER ATTACHMENT IS

INTENDED TO BE USED FOR SOLDERING LUGS UP TO 150 AMPS OR COPPER PIPE UP TO 3/8". PLIER IS 12" LONG AND CABLES 52". WITH SUITABLE ATTACHMENTS TRANSFORMER CAN BE ALSO USED FOR HEAVY SPOT SOLDERING AND ETCHING. WT: 30 LBS. PRICE WITH CARRING CASE \$19.95 " LESS " " 16.95

THERMO-GRIP MIDGET SIZE SOLDERING PLIERS IDEAL NO. 12-023. THESE PLIERS ARE ONLY 9" LONG AND HAVE A 54" CABLE WITH CONNECTORS AND IS INTENDED TO BE USED WITH A 300 WATT TRANSFORMER FOR LIGHTER WEIGHT WORK. WT: 2 LBS. PRICE: CABLE & PLIERS ONLY \$2.95

BC-1141 MINE DETECTOR AMPLIFIER AS USED IN SCR-625 MINE DETECTOR. HAS SENSITIVE AMPLIFIER & TONE SYSTEM THAT WAS USED TO DETECT METALS. OPERATES FROM 2 FLASHLIGHT & 93 VOLT DRY CELLS. COMPLETE WITH TUBES 2/1N5GT & 1/1G6GT, LESS BATTERIES. SIZE: 14x6x5 WT: 10 LBS. PRICE: USED \$3.95

SELECTOR CONTROL ASSEMBLY AS USED IN R-278 RECEIVER AND T-217 TRANSMITTER. UNIT CONTAINS 33 NUMBERED THUMB-IT WHEEL WAFER SWITCHES WHICH CAN BE MOUNTED SINGLY OR IN BANKS, 23 1/2 CONTACT, 10 19 CONTACT, ALSO 4 A.C. RELAYS ON A 10 CHANNEL GEAR TRAIN WITH 115 VOLT 60 CYCLE MOTOR, CHANNEL SELECTOR SWITCH RESISTORS CONDENSERS ETC. SIZE: 16x9x9; WT: 10 LBS. PRICE: USED WITH GOOD MOTOR \$12.95 " LESS " " 8.95

HEATER & VENTILATING UNIT 5000 BTU GASOLINE HEATING, ELECTRIC GLOW PLUG STARTING, SELF CONTAINED GAS TANK, 115 VOLT AC OR DC BLOWER, APPROX. 150 CFM, VARIABLE SPEED CONTROL FOR BLOWER OUTPUT. UNITS ARE UNUSED BUT SHELFWORN. SIZE: 13 1/2 x 13 1/2 x 11 WT: 29 LBS. STK#31233 PRC PRICE: \$16.95

VISUAL FLASH LAMP USED BY AIRCRAFT OR GROUND UNITS FOR IDENTIFICATION PURPOSES. DESIGNED TO DELIVER EXTREMELY BRIGHT FLASH OF LIGHT 1 FLASH PER 1 1/2 SEC. WHICH CAN BE SEEN BY AIR IN BRIGHT SUNLIGHT FOR 3 MILES OR 1 MILE ON THE GROUND. AVAILABLE FOR 6, 12 OR 24 V. OPERATION. CONSISTS OF A HIGH VOLTAGE CONVERTER USING A VIBRATOR TYPE POWER SUPPLY, PENNANTIA TUBE #1073. COMPLETE WITH 20 FT. CABLE SPARE PARTS & MANUAL. IDEAL FOR BOATS, PLANES, AUTO BOAT LANDINGS, COTTAGES, PHOTOGRAPHIC WORK ETC. (CAN BE OPERATED FROM 115 VOLT BY USING OUR D.C. POWER SUPPLIES LISTED ON PAGE 7) SIZE: 17x10 1/2 x 4 1/2; WT: 50 LBS. UNUSED \$29.50



ART-13 TRANSMITTER

100 WATT AIRCRAFT AUTOTUNE TRANSMITTER

MAKES A VERY SATISFACTORY AMATEUR UNIT FOR 80, 40, 20 AND 10 METERS. THE AUTOTUNE FEATURE PERMITS YOU TO PRESET THE FREQUENCY DESIRED ON ANY 10 PRESELECTED CHANNELS. (FOR CONVERSION INSTRUCTIONS SEE MANUALS #2 & #3 \$3.00 EA. TUBE LINEUP 1/837, 1/813, 2/1625, 1/125J7, 2/6V6, 2/811, 2/12SL7, 1/12SA7. VOLTAGE REQUIRED 28VDC 10AMP, 400VDC, 225MA & 1250VDC 250MA. SIZE: 23x16x11 1/2 WT. 70LBS

PRICE: USED \$59.50
CONNECTOR PLUGS FOR TRANS. U/7 & U/8 \$2.50 EA. DYNAMOTOR FOR ART-13 WITH FILTERS & RELAYS 28VDC INPUT. PRICE: USED \$12.95 NEW 15.95

CONNECTOR PLUGS FOR DYNAMOTOR U-9 or U-10 EACH \$2.50
CU-24/ART-13 ANTENNA SHUNT CAPACITOR CONSISTS OF 3 CAPACITORS 25MMF 10KV PRICE NEW \$3.95 USED \$1.00



O-17/ART-13 LOW FREQUENCY OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 TUBE. ALL OPERATING VOLTAGES ARE OBTAINED FROM THE TRANS. POWER SUPPLY. SIZE 5 1/2x5 1/2x9; WT 4LBS. USED \$5.95



SA-22/ART-13 ANTENNA SWITCHING UNIT CONTAINS A BENDIX VACUUM RELAY LM-26G, 24VDC, 2 POSITION CERAMIC SWITCH & 4 LARGE INSULATORS SAME AS USED ON TRANSMITTER, ALSO SO-239 COAX. CONNECTOR. SIZE: 11x7x7 WT 10LBS

PRICE: NEW \$5.95



VARIOMETER COIL FOR ART-13 L-112, ROTOR & STATOR COILS WITH GEARED COUPLING. 4x5x3; 2LB. USED \$1.95

RELAY, OUTPUT CIRCUIT SELECTING, 24 VDC #K105 6x2x3; 2 LB. USED \$2.95



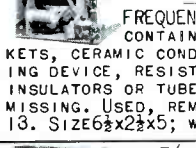
ART-13 AUDIO SPEECH AMPLIFIER CONTAINS TWO 6V6GT & ONE 12SJ7 TUBE, CAN BE USED FOR CARBON OR DYNAMIC MIC. SIZE: 7x4x3 1/2; WT: 4LBS, USED STK #2C254 PRICE \$5.95



ART-13 CFI CALIBRATION FREQUENCY INDICATOR & MCW OSCILLATOR ASSY. USED TO PROVIDE A CONSTANT CRYSTAL CONTROLLED STANDARD OF 200 KC. IN ORDER THAT FREQ. CAN BE CHECKED ALSO 1000 CYCLE TONE. WITH 200KC. CRYSTAL & 2 TUBES SIZE 6x5x3 WT. 3LBS STK. #8Q1 PRICE USED \$6.95



POWER AMPLIFIER & SWITCHING ASSY. FOR ART-13. CONTAINS COILS L-114, 113, SWITCHING DEVICE 113b, c, d, CONDENSERS ETC. USED SIZE 8 1/2x5 1/2x3 1/2; WT: 4LBS. \$4.95



FREQUENCY MULTIPLIER CONTAINS, 2 TUBE SOCKETS, CERAMIC CONDENSERS, SWITCHING DEVICE, RESISTORS ETC. (SOME INSULATORS OR TUBE CAPS MAY BE MISSING. USED, REMOVED FROM ART-13. SIZE 6 1/2x2 1/2x5; WT: 5LB. \$6.95



SN-17/AP9-10 SYNCHRONIZER, \$9.95 TRANSMITTER & RECEIVER ALSO SWEEP AND CONTROL CIRCUITS FOR THE INDICATOR. GENERATES CONTROL FOR THE PULSE RECURRENCE RATES OF 410 TO 820 CPS AND RANGE MARKS OF 0-4-25 MILES. SIZE 8x6x13; WT: 30 LBS.

TEST SET

TS-3A/AP RADAR FREQUENCY METER 2400 TO 3400 Mc USING A TUNEABLE CAVITY ALSO HAS 3" METER FOR TESTING POWER OUTPUT, 0-2 MA. MOVEMENT 0-20 SCALE. USED WITH SCR-717/720 RADAR SET. WITH CABLES, TEST LAMP, COMPUTER RULE ETC. SIZE: 8 1/2x8 1/2x8 1/2; WT: 25 LBS. PRICE: UNUSED \$9.95



AIRPORT MARKER BEACON 75MC TRANSMITTER RECEIVER

CDE-52326 NAVY MODEL MARKER BEACON TRANSMITTER PORTABLE UNIT THAT OPERATES FROM 115 VOLTS 60CYC WHICH TRANSMITS A KEYED OR A CONTINUOUSLY MODULATED SIGNAL VERTICALLY IN A BALLON-SHAPED PATTERN ON 75MC. USED AT AIRPORT LANDING FIELDS RUNWAYS IN CONJUNCTION WITH MARKER BEACON RECEIVERS THAT ARE INSTALLED IN THE PLANE THUS ENABLING THE PILOT TO KNOW WHEN HE IS OVER THE RUNWAY. (IN CONJUNCTION WITH HIS OTHER INSTRUMENTS.) WATTAGE OUTPUT (1) ONE WATT, MASTER OSCILLATOR & MODULATED CW, 400CPS, 1300CPS, 3000CPS TUBE LINEUP 4/6V6, 2/6SN7, 1/6SR7, 1/6S5, 2/VR150, 30 & 1/5Y3. COMPLETE WITH TUBES & DIPOLE ANTENNA & OPERATING MANUAL. SIZE: 17x10x11 WT 35LBS PRICE UNUSED \$29.95



BC-1033 MARKER BEACON RECEIVER 75MC. USED TO RECEIVE SIGNALS FROM ABOVE TRANSMITTER. WHEN SIGNAL IS RECEIVED IT OPERATES A RELAY IN THE RECEIVER WHICH IN TURN CAN BE USED TO OPERATE SIGNALS, LIGHTS, MOTORS, TURN ON EQUIPMENT ETC. VOLTAGE REQUIRED 24VDC. COMPLETE WITH TUBES 1/12SN7, 1/6SH7, 1/6SL7 SIZE: 3x5x5 1/2 WT. 3LBS. PRICE: USED \$2.95

R-122/ARN-12 BEACON RECEIVER



ILLUSTRATED COVER OFF. AIRBORNE EQUIPMENT DESIGNED TO RECEIVE RADIO SIGNALS TO DELIVER AURAL & VISUAL INDICATION OF THE RECEIVED SIGNAL TO THE PILOT OF THE AIRCRAFT IN WHICH IT IS INSTALLED. FORM THESE INDICATIONS THE PILOT CAN ACCURATELY CHECK IN RESPECT TO A PARTICULAR RADIO RANGE STATION. THE RECEIVED SIGNAL IS FIXED FREQ. 75 MC. A-M MODULATED AT 400, 1300 OR 3000 CPS. AND OPERATES FROM 24 VOLTS DC FOR FILAMENTS AND B VOLTAGE. COMPLETE WITH TUBES 5/6AJ5, 2/6AL5W & 2/28D7. HAS CRYSTAL CONTROLLED OSCILLATOR WITH 6.9 MC., IF FREQ SIZE: 10x5x6; WT: 8 LBS.

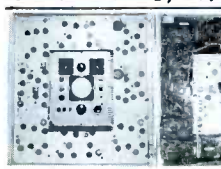
PRICE: USED \$4.95

OSCILLATOR



R.F. OSCILLATOR. PART OF GKA-1 EQUIPMENT. CONTAINS SEVERAL TYPES OF BAND PASS FILTERS, VARIABLE CONDENSER, TUBE SOCKETS TEST JACKS, RESISTORS 1%, CAPACITORS, 2/UG-88 BNC COAX. CONNECTORS, PILOT LIGHT, SWITCH, POTS ETC. OSCILLATOR FREQ. APPROX. 24 KC.

SIZE: 12x12x4 1/2; WT: 13 LBS. USED \$1.95



SCOPE MONITOR CONVERTER

CONVERTER-MONITOR PANEL ASSEMBLY CV-399/GPA23 PART OF COMPUTER SYSTEM. CONTAINS A GOOD 3" SCOPE FOUNDATION ASSY. USING 3CP1A C.R. TUBE MOUNTED ON A PANEL 10" x 12". SCOPE PANEL HAS 0-100 VERNIER DIAL 1 1/2" PLUS CENT, FOCUS CONT. SWITCHES ETC. THE MASTER PANEL HAS 10 SEPARATE SUB-PANELS WITH LOADS OF CONDENSERS, RESISTORS TERMINAL STRIPS ALSO AUTOSYN, CONNECTORS, CONTROLS, TRANSFORMERS AND LOTS MORE. SIZE: 25 1/2x25 1/2x14; WT: 55 LBS. USED \$12.95

SCOPE



5" SCOPE FOUNDATION FROM COMPUTER INTERCEPT CONSOLE WITH A Z4360 C.R. TUBE. P/O OA/GPA-23 SYSTEM. ASSY HAS CONTROLS, VIDEO AMPLIFIER ETC NO SIDE PANELS. SIZE: 15 1/2x10x20; WT: 20 LBS. #Z4360 SCOPE FOUNDATION USED \$5.95



GP-7 TRANSMITTER

GP-7 NAVY AIRCRAFT TRANSMITTING, FREQUENCY COVERAGE 350 KC. TO 9050 KC. BY THE USE OF SIX PLUG IN TUNING UNITS, AM, CW & MCW OPERATION, 30-50 WATTS VOICE & 85 TO 125 WATTS CW DEPENDING ON THE FREQUENCY AND TYPE INSTALLATION. COMPLETE WITH TUBES 2/1616, 1/803, 1/801, 1/843 & 1/523, ANTENNA LOAD COIL, PILOTS & OPERATORS CONTROL BOX, COVER & MANUAL. SET OPERATES FROM 115 VOLTS 800 CYCLE AND 12 OR 24 VOLTS D.C. AS IT HAS ITS OWN SELF CONTAINED A.C. POWER SUPPLY. THE 2" METERS ARE USED FOR MEASURING PLATE, FILAMENT & OUTPUT. THE SET IS CONSTRUCTED OF ALUMINUM AND FIVE TUNING UNITS HAVE CARRING CASES WITH SNAP-SLIDE COVERS AND CARRING HANDLES. TRANSMITTER SIZE: 23 1/2x11x13; WT: 50 LBS. TOTAL WEIGHT OF ALL THE EQUIPMENT, PACKED 200 PRICE FOR COMPLETE SET AS DESCRIBED. \$29.50

GP-7 COMPONENTS INDIVIDUALLY PRICED

CAY 52173 TRANSMITTER - POWER SUPPLY	\$16.95
PLUG-IN TUNING UNITS	
CAY 47150A R.F UNIT 350-800 Kc BAND	3.95
" 47151B " " 800-1500 " "	3.95
" 47155C " " 1500-3000 " "	4.95
" 47152D " " 3000-4525 " "	4.95
FOLLOWING TUNING UNITS HAVE ROTARY INDUCTORS	
" 47153E " " 4525-6500 " "	7.95
" 47154F " " 6200-9050 " "	7.95
" EMPTY CASES FOR THE ABOVE TUNING UNITS WITH SNAP COVER AND HANDLE	
" 47125 ANTENNA LOAD COIL	1.95
" 23219 PILOTS CONTROL BOX	1.95
" 23220 OPERATORS " "	2.95
INSTRUCTION BOOK	7.50

APS-4 RADAR

AIRBORNE SEARCH INTERCEPTION WITH FOLLOWING ANGULAR COVERAGE 78 DEG. AZIMUTH, ELEV-30-10 DEG. ELEVATION INTERCEPT 30-30 DEG. CONSISTS OF REC. TRANS ANT. IN ONE UNIT, TWO INDICATORS, 2 AMPLIFIERS, JUNCTION & CONTROL BOXES, WITH TUBES 2/723, 2/1B22, 4/3P24, 3/5U4, 30/6J6, 11/6AK5, 4/6SL7, 2/724, 1/725, 1/807, 1/VR-105, 4/VR-150. AS SHOWN WITH THE EXCEPTION OF CABLES CIRCLED 1, 2, 3, 4 WHICH ARE USUALLY INSTALLED IN THE AIRCRAFT. OPERATES FROM 115 VOLT 800 CYCLE & 24 VDC. SHPG. WT: 350 LBS. PRICE: USED \$79.50 UNUSED \$99.50 SET OF FIVE PLUGS LESS DETACH PLUG. \$10.00 INVERTER 800-1D FOR ABOVE, INPUT 24 VDC, OUT-115 V. 800 CYC. USED \$9.95

RC-58 FACSIMILE

USED TO TRANSMIT AND RECEIVE MESSAGES ON 3/8" PAPER TAPE BY WIRELESS OR OVER WIRE THE UNITS ARE USED WITH A STANDARD A.M. TRANSMITTER AND RECEIVER THE SAME TYPE EQUIPMENT MUST BE USED ON BOTH ENDS OF THE SERVICE. MESSAGES ARE WRITTEN ON THE PAPER TAPE AND FED INTO THE MACHINE WHICH IS THEN TRANSMITTED TO THE RECEIVER ON THE OTHER END FED INTO THE MACHINE WHICH RECORDS ON THE PAPER TAPE. EQUIPMENT CONSISTS OF AMPLIFIER AND RECORDER. OPERATES FROM 12 VDC. SIZE: 11x10x11 & 14x10x9; WT: 75 LBS. USED PRICE: USED \$49.50 WITH 30 ROLLS TAPE.

COMPUTER TEST PANEL

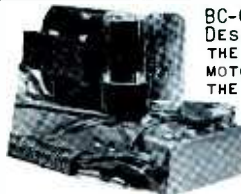
COMPUTER TEST PANEL PART OF GPA-23 COMPUTER SYSTEM HAS ONE SYNCHRO RECEIVER 23TR6 115 VOLT 60 CYCLE, SIZE 2"x4", CONNECTED TO 360 DEG. 5" INDICATOR DIAL, TWO AUTOSYNS AY-2015, 1 SIX POSITION 5 DECK ROTARY SWITCH, 6 PILOT LIGHTS, 10 TOGGLE SWITCHES VARIOUS TYPES, 5 BARRIER TERMINAL STRIPS, SOCKETS, POTS, CONDENSERS, RESISTORS. A REAL BOMBNANZA. SIZE: 17x8x11; WT: 17 LBS. PRICE: USED \$9.95

POWER SUPPLIES

RECEIVER POWER SUPPLY & SPEAKER FOR THE FOLLOWING SETS
 R-23/ARC-5 BC-453 BC-342
 R-24/ARC-5 BC-454 BC-344
 R-25/ARC-5 BC-455 BC-348
 R-26/ARC-5 BC-946 BC-429
 R-27/ARC-5 RAX

COMPLETE WITH 8" DYNAMIC SPEAKER HOUSED IN A METAL CABINET WITH CONNECTING CABLE, PLUG, PHONE JACK, VOLUME CONTROL, BFO SWITCH ETC. IF REQUIRED. CAN ALSO BE USED FOR OTHER SETS. OUTPUT VOLTAGE 200-250 VDC, 60 TO 90 MA. INPUT 115 VOLT 60 CYCLE. SPECIFY FOR WHAT SET. SIZE: 10x10x6; WT: 15 LBS. NO. P.S.(SET NUMB.)
 PRICE; KIT OF PARTS \$15.00 WIRED \$18.95

BC-652 RECEIVER POWER SUPPLY WITH SPEAKER SAME AS ABOVE; KIT \$20.00; WIRED \$23.95



BC-603/BC-683 RECEIVER P.S. DESIGNED TO BE PLUG IN-TO THE SAME PLACE AS THE DYNAMOTOR WITH NO CONVERSION TO THE SET THAT WILL EFFECT THE OPERATION FROM THE DYNAMOTOR. ONLY WORK REQUIRED ID ADD ON/OFF SWITCH IN PLACE OF SPARE FUSE HOLDER. TRANSFORMER TYPE USING 5Y3GT TUB

OUTPUT 220 VDC, 80 MA. & 24 VDC 2 A. WT: 5 LBS. NO. P.S.603/683 KIT \$10.00 WIRED \$14.95

BC-923 RECEIVER POWER SUPPLY

OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 275 VOLTS DC, 150 MA. & 12.6 VOLTS AC. 4 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5U4G TUBE, CHASSIS, WIRING DIAGRAM, LINE CORD ETC. SIZE: 5x6x9; WT: 15 LBS. PRICES: KIT OF PARTS...\$16.00 #PS-923 WIRED... 20.95



R-77/ARC-3 RECEIVER POWER SUPPLY

OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 210 VOLTS DC @ 125 MA. & 24 VOLTS AC @ 2 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5Y3GT TUBE, CHASSIS, LINE CORD ETC. #PS-R77/ARC-3 SIZE: 5x6x9; WT: 14 LBS. (LAYOUT SAME AS 923) PRICES; KIT OF PARTS...\$15.00 WIRED \$19.95

POWER SUPPLY No.7630019. OPERATES FROM 115 VOLT 60 CYCLE DUAL HIGH VOLTAGE OUTPUT 400 DC 200 MA & 400 DC 200 MA. ALSO 6.3 VAC 2.75 A. & 6.3 VAC 5.5 A WITH 2/5R4GY TUBES. SIZE: 10x7x15; WT: PRICE: \$19.95



CABLE WITH 18 CONTACT PLUG TO FIT P.S \$2.00



POWER SUPPLY No.7630020VR VOLTAGE REGULATED, OPERATES FROM 115 VOLT 60 CYCLE. OUTPUT 200-250 DC. @ 150-250 MA. ALSO 6.3 VAC 2.75A & 6.3 VAC 5.5 TUBES 2/6AS7G, 1/VR-105, 1/6AK7 & 1/5R4G. WT: 30 LBS. SIZE: 11x10x6 \$18.95

CABLE WITH 18 CONTACT PLUG TO FIT POWER SUPPLY PLUG, 4 FOOT \$2.00

POWER SUPPLY 763003 (MODIFIED) OUTPUT 375 VDC @ 225 MA & 6.3 VAC @ 2.75 A. 6.3 VAC @ 5.5 A. INPUT 115 VOLT 60 CYCLE. WITH 2/5R4GY TUBES. SIZE: 9 x 13 x7; WT: 35 LBS. PRICE: \$14.95



CONNECTOR 18 CONTACT \$2.00

PP-662/GPN POWER SUPPLY, VOLTAGE REGULATED, 300 VDC 10 TO 90 MA. PLUS POTENTIAL, 210 VDC MINUS. WITH TUBES 4/5651, 2/6AH6, 1/12AT7, 2/6AS7, 1/5Y3 & 1/5R4. OUTPUT PIN JACKS WITH ADJUST MESSERING SWITCH, FUSED OUTPUT & INDICATOR LIGHTS. SIZE: 10x8x20; WT: 35 LBS. NO. COVER OR PLUG IN RELAY. PRICE: USED \$14.95



DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE CORD, PILOT LIGHT, LINE FUSE ETC. INDICATED RATINGS ARE FOR LOAD CONDITIONS.

DUAL OUTPUT 12/14 OR 24/28 VDC @ 6 AMPS. SIZE 7x6x13; WT: 17 STK#PS-12/24VDC6A
 KIT OF PARTS...\$20.00
 WIRED COMPLETE... 24.95



OUTPUT 12/14 VOLTS DC @ 6 AMPS. SIZE: 5x9x5; WT: 20 LBS. STK#PS-12VDC6A
 KIT OF PARTS...\$14.00
 WIRED COMPLETE... 18.95



OUTPUT 24/28 VOLTS DC @ 4 AMPS. SIZE: 5x9x5; WT: 12 LBS. STK#PS-24VDC4A
 COMPLETE WIRED...\$17.95
 KIT OF PARTS... 13.00

OUTPUT 12/14 VOLTS DC @ 4 AMPS. SIZE: 5x9x5; WT: STK#PS-12VDC4A
 COMPLETE WIRED...\$14.95
 KIT OF PARTS... 10.00

OUTPUT 24/28 VOLTS DC @ 1 1/2 A. SIZE: 7x6x5; WT: 6 LBS. #PS-24VDC1.5A WIRED...\$10.95
 KIT OF PARTS \$8.00



OUTPUT 12/14 VOLTS DC @ 2 AMF SIZE: 7x6x5 WT: 7 LBS. #PS-12VDC2A WIRED...\$9.95
 KIT OF PARTS..... 7.00

400 CYC. SUPPLY



POWER SUPPLY; INPUT 110 VOLT 380-420 CYC. OUTPUT 1940 VOLT 1.5MA WITH 122 TUBE, 2 COND. 1 4000 V SIZE: 6x8x4; WT: 8 LBS. STK#GE7608055G1 PRICE: USED \$4.95



D.C. POWER SUPPLY & BATTERY CHARGER. INPUT 115-125 VOLT 60-400 CYCLE, OUTPUT 22-30 VOLT D.C. 70 AMPS. NOT FILTERED. MODERN TYPE USE SILICO RECTIFIERS. MOD.#KBA-28-VDC; SIZE: 15x15x15; 150 LBS



POWER CONVERTER TRANSISTORIZED POWER CONVERTER 12 VOLTS D.C. TO 117 VOLTS A.C. POWERFUL 125 WATTS CONTINUOUS DUTY WITH POWER TO SPARE FOR EXTRA YEARS OF SERVICE. PLUGS INTO CIGAR LIGHTER OF AUTO OUTLET AND WILL OPERATE LIGHTS, SHAVERS, RADIOS PHONOS OR MOST ANY EQUIPMENT DRAWING 10 TO 125 WATTS. SIZE 5x5x4; WT: 4 1/2 LBS. PRICE: \$29.95 (NEWLY MANUFACTURED)

DC AC CONVERTER

D.C. 6 OR 12 VOLT TO 115 VOLT 60 CYCLE CONVERTER 15 TO 50 WATTS EXCELLENT REGULATION, VIBRATOR TYPE. CAN BE USED TO OPERATE ANY ELECTRICAL DEVICE SO LONG THAT THE AC WATTAGE REQUIREMENT OF THE DEVICE DOES NOT EXCEED 50 WATTS. A.C. RECEPT ACLE, FUSED LINE, 6 FT. BATTERY CORD. #PP-688.. SIZE: 10x9x3; WT: 29 LBS. PRICE: USED \$9.95 LIKE NEW \$14.95

RA-94 POWER SUPPLY USED WITH BC-779 SUPER-PRO OR BC-794 REC. 115/230 VOLT 60 CYCLE INPUT, 19" RACK PANLE MTG. 10 1/2" H X 11" D. P.S OUTPUT 270 VDC & 140 VDC 150 MA. ALSO 6.3 FOR FILAMENTS. W/ 5Z3 & 80 TUBE. SHPG. 100 LBS. USED \$19.95 USED CHECKED \$22.95



PP-115/TRC-8 POWER SUPPLY OUTPUT 550 VDC 350 MA & 6.3 VAC CT, 6 AMPS. WITH 2/5U4G, 115/230 V 60 CYCLE. SIZE: 12x8x14; WT: 50 LBS. ILLUSTRATION SHOWS 115 V APPROX. 100 CFM BLOWER. WITH BLOWER...\$19.95 LESS " ... 16.95

NEW COAXIAL CABLE

NEW MANUFACTURE AND BRANDED WITH STANDARD TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-BETWEEN LENGTHS USE THE HIGHER PRICE. LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

		100 FEET	500 FEET	1000 FEET	5000 FEET
RG-8/U	52 OHM	.10	.09	.08 1/2	.08
RG-11/U	75 "	.09 1/2	.08	.07 1/2	.07
RG-58/U	53 1/2 "	.04 1/2	.04	.03 1/2	.03
RG-59/U	73 "	.04 1/2	.04 1/2	.04	.03 1/2

PRICES ARE PER FOOT

NEW COAXIAL CONNECTORS

S0-239	PL-259	M-359	PL-258 JUNCTION
\$.45 EA.	\$.45 EA.	\$.45	\$.89
10 OR MORE \$.39 EA.	10 OR MORE \$.39 EA.	10 OR MORE \$.39	10 OR MORE \$.80

TYPES MAYBE ASSORTED TO OBTAIN THE LOW PRICE

Coaxial Cable

FOR LESS THAN 3c Per Foot!

RG-54 A/U CABLE-

DESIGNED FOR LONG LIFE & CONSTANT ATTENUATION 58 OHMS, .250 OD. WITH POLYETHYLENE JACKET.

370 FOOT ROLL \$10.00 70 FOOT ROLL \$ 1.95

LESS THAN SPECIFIED LENGTHS .03 PER FOOT

COAX CABLE ASSY

TYPE	OHMS	LENGTH	CONNECTOR	STOCK#	PRICE
RG-8/U	52	15 1/2 FT.	2/PL-259	CG-107	\$.95
RG-8/U	52	30 FT.	2/UG-21	CG-55	1.75
RG-11/U	75	32 INCH	2/UG-21	CD-1259	.25
RG-11/U	75	21 FT.	1/PL-259	CD-876	.95
RG-21/U	53	10 FT.	UG-21/22	CD-780S	.50
RG-22/U	95	40 FT.	1/PL-284	CD-879	1.00
RG-22/U	95	46 1/2 FT.	1/PL-284	CD-878	1.15
RG-22/U	95	50 FT.	1/PL-284	CD-877	1.25
RG-26/U	48	30 FT.	2/UG-34	3E4392-	1.95
RG-62/U	93	10 FT.	2/UG-88	CG-1410	.40
RG-62/U	93	22 FT.	2/UG-88	CG-1410	.80
RG-62/U	93	35 FT.	2/UG-88	CG-1410	1.25
RG-62/U	93	130 FT.	2/UG-88	CG-1410	2.50
RG-58C/U	53 1/2	20 FT.	2/UG-88	CG-409D	1.00

RG-8/U 52 8 FT. 2/PL-259 CA-102 .75

ATTENUATOR

IMPEDANCE MATCHING ASSEMBLY WITH 52 OHM CABLE 20" LONG, PL-259 CONNECTORS EACH END AND ATTENUATOR WITH 3" SLIDING ADJUSTMENT AND FEED THRU CONNECTORS EACH END. ATTENUATION 30 DB TO 100 DB 30 TO 450 MC. STOCK# 22396-7 PRICE: USED \$1.25 UNUSED \$1.95

CABLES

CABLE NO.	PLUG NO.	LENGTH	USED WITH	PRICE
3E7243-2	GK12-23 1/2	52"	TCS/REC-PS	\$2.75
3E7273-19	SKC16-23 1/2	29"	TCS/TRS-PS	2.75
CD-515		48"	BC-669	5.95
CD-1086		48"	BC-1306/GRC	5.95
CD-548	2EA. PL-118	9 FT.	TEST SET	4.95
CD-549	2 " PL-112	9 FT.	TEST SET	4.95
CD-526	2 " PL-153	5 FT.	274N SERIES	4.95
CD-532	2 " PL-152	5 FT.	" "	2.75
CD-509		8 FT.	BC-659/620	2.75



MD-16/TPS-3 MODULATOR FOR TPS-3 RADAR SET. P3E EMISSION, RESONANT CHARGING SYSTEM & TYPE E LINE WHICH IS DISCHARGED THROUGH SPARK GAP AND PULSE TRANSFORMER. 8 KV OUTPUT, 500 OHM IMPEDANCE, PULSES 200 PER SECOND, 1.2 SECOND DURATION, WITH TUBES 2/705 & 1/1832/532. OPERATE 115 VOLTS 400 CYCLES AND WAS USED WITH APPROX. 600 MC RADAR SET. SIZE: 12x14x11 SHPG. WT: 125 LBS. PRICE: NEW... \$9.95

Fair Radio Sales Co.
 2133 ELIDA ROAD
 Lima, Ohio 45802
 P. O. BOX 1105

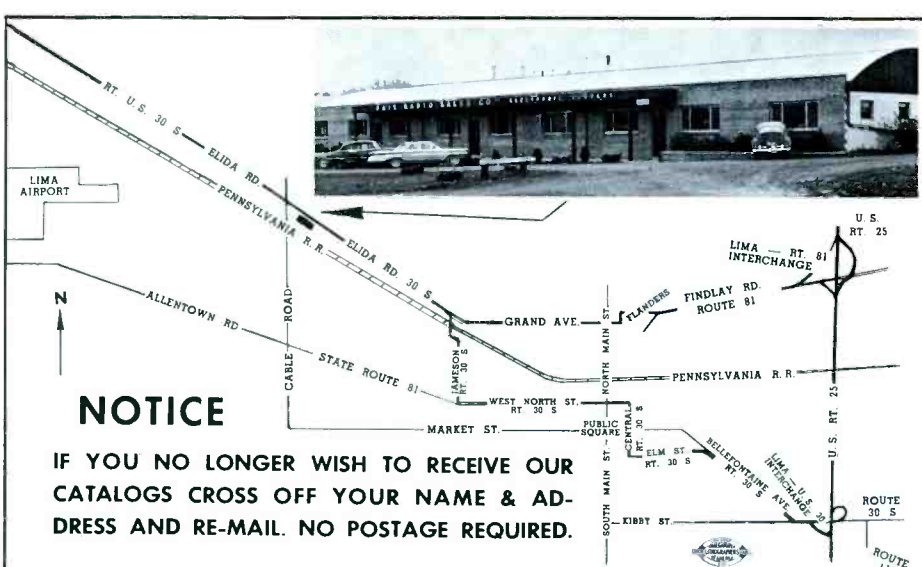
RETURN REQUESTED

U. S. POSTAGE
PAID
 Lima, Ohio
 Permit No. 74

**ADVISE OF
 CHANGE IN
 ADDRESS**

**Will Not Be
 Forwarded**

DAVID J GOODMAN
 3305 DE SOTA AVE
 CLEVELAND HTS OHIO



NOTICE

IF YOU NO LONGER WISH TO RECEIVE OUR CATALOGS CROSS OFF YOUR NAME & ADDRESS AND RE-MAIL. NO POSTAGE REQUIRED.

AZIMUTH SERVO

AZIMUTH LINE OF SIGHT SERVO ARMA#2-00003-239. CONSISTS OF RESOLVER 93170, INDUCTION GENERATOR 2-00003-903, SERVO MOTOR BM-1541A, PRECISION POT. MOUNTED ON CHASSIS WITH GEAR TRAIN ASSY. SIZE 6 1/2 x 4 x 4 1/2; WT: 5 LBS. PRICE: USED \$5.95



MERCURY

POLY BAG ASSORTMENT

WE PURCHASED THE ENTIRE STOCK OF MERCURY POLY BAG ASSORTMENTS AT A LOW LOW PRICE AND ARE PASSING THE SAVINGS ON TO YOU IN A GIANT POLY BAG PACKAGE.

EACH GIANT POLY BAG PACKAGE WILL CONTAIN 10 OR MORE SMALL POLY BAGS PRICED FROM 15¢ TO \$1.95 WITH A VALUE OF \$10.00 OR MORE AND ONLY PRICED AT \$3.00 EACH. TWO (2) FOR \$5.00

DEFLECTION SERVO

DEFLECTION PREDICTION SERVO ARMA #93600. CONSISTS OF FOUR RESOLVERS#93170, PRECISION POT. CONTROL MOUNTED ON GEAR TRAIN ASSY WITH INDICATOR DIAL SIZE: 6 1/2 x 3 1/2 x 4; WT: 4 LBS. PRICE: USED \$6.95



RADAR INDICATOR

PC-1093 INDICATOR FOR RADAR SET SCR-717, WITH 5FP7 C.R. TUBE, CENTERING, BRILLIANCE, FOCUS AND RANGE CONTROLS. ALSO CABLING. SIZE: 6x6x14; WT: 18 LBS. NEW \$4.95



1D-41 INDICATOR FOR APQ-13 RADAR	USED	\$5.95
1D-11 " " APS-4 " "	NEW	6.95
1D-19 " " APS-3 " "	USED	2.95
BC-1153 " " SCR-717 " "	USED	3.95

T. R. F. RECEIVER

CW-46048D RECEIVER; TUNED RADIO FREQUENCY (TRF) TYPE, COVERS THE RANGE OF 195 TO 13,575 KC. BY USE OF PLUG IN COILS, LOCAL OR REMOTE TUNING AND CONTROL, SENSITIVITY, LOOP AND REG. ANTENNA CONTROL. 6 TUBES 3/78, 2/77 AND 1/38233. VOLTAGE REQUIRED FOR OPERATION 12 OR 24 VOLT FOR FILAMENTS AND ABOUT 200 TO 250 VDC 35 MA. FOR HIGH VOLTAGES. SIZE: 6 1/2 x 6 1/2 x 14 1/2; WT: 15 LBS. PRICE: RECEIVER ONLY WITH TUBES (NO COILS, BUY THE COILS AND ACCESSORIES YOU WANT AS LISTED BELOW.) UNUSED \$4.95



ELEVATION COMPUTER

P OR R ELEVATION COMPUTER ASSY; CONSISTS OF TWO SYNCHRO RESOLVER, KETAY#D-13810-1 0-100V 350 CPS, #D-13350-1 0-10 V. 400 CPS, KOLLSMAN INDUCTION MOTOR#1515J-0430, WE MAGNETIC AMP. GA-52140, FOUR TUBES IN SEALED CIRCUITRY, A&B CONTROLS, TEST JACKS ETC. STK.# 15264 SIZE: 11x7x6; WT: 12 LBS. PRICE: USED \$9.95



PRESSURIZING UNIT

MK-23/AP PRESSURIZING UNIT: C/O OF A CYLINDER APPROX. 1 3/4 IN. LG. 2 IN. DIA. ATTACHED TO A GAGE 0-30, 3/4" INLET CYLINDER AND A 4" HOSE LINE. P/O APS-15 PRESSURIZING KIT. WT: 10 LBS. PRICE: \$3.95



177 TUBE CHECKER ADAPTER

1-177 TUBE CHECKER ADAPTER; NEWLY MANUFACTURED UNIT TO REPLACE THE MX-949/U MILITARY TYPE. HAS SOCKETS TO TEST 7&9 PIN MINIATURE, OCTAL, LOCTAL, NOVAR AND COMPACTRON TUBES. PIN PLUGS ARE USED FOR THE TUBE SET-UP. \$26.50
 BIGELOW 1-177/MX-949 SPEC. ADAPTER 1-177 SERIES TUBE SET-UP CARDS FOR USE WITH THE ABOVE DESCRIBED ADAPTER TO CHECK THE MORE MODERN TYPE TUBES. MANY TYPE ARE NOW SET UP AND YOU GET A ONE YEAR TUBE DATA SUBSCRIPTION FOR ADDITIONAL TYPES. ORDER BIGELOW 1-177 CHART... \$4.99



CW-47105 COIL(DUAL) 195-290/290-435 Kc	\$1.75
CW-47112 " " 400-600/6000-9050 " "	.75
CW-47107 " " 540-830/3000-4525 " "	.75
CW-47108 " " 540-830/5200-7700 " "	.75
CW-47368 " " 850-1330 ----- " "	.75
CW-47069 " " 1330-2040 ----- " "	.75
CW-47070 " " 2040-3000 ----- " "	.75
CW-47072 " " 4000-6000 ----- " "	.75
CW-47075 " " 9050-13,575 ----- " "	.75
CW-23012 REMOTE TUNING HEAD 0-100 DIAL	1.75
MC-124-51 FLEXIBLE SHAFT FOR REMOTE TUNE	1.75
CW-23087 CONTROL BOX F/REMOTE USE	1.75
CW-62017 JUNCTION BOX	1.75
CW-46011 MOUNTING FOR RECEIVER (SHOCK)	1.00
CW-22266 TEST METER 2 1/2" 0-35 MA D.C	2.50
SPARE TUBES: 3/78, 2/77 & 1/38233 SET	\$3.00
CW-23022 LOCAL TUNING KNOB (NONE W/REC)	1.00
CW-21441 DYNAMOTOR 24 VOLT W/FILTER	\$3.95
CONNECTOR PLUGS TO FIT REC.(1) CONTROL BOX(1), DYNAMOTOR (1) JUNCTION BOX (4)	
SET OF (7) SEVEN \$5.00 OR EACH PLUG \$1.00	
SPECIAL SPECIAL SPECIAL	
BUY THE COMPLETE SET OF ALL THE ITEMS LISTED	\$25.00

GYRO HIG

GYRO INTEGRATING HIG UNIT MFG. BY HUGHES AIRCRAFT PART NO. 420-57-0013, CONTROL RATE OF TURN. SIZE 2 1/2 x 5 1/2; WT: 3 LBS. USED \$3.95



ARMA MOTOR

ARMA 5A INDUCTION MOTOR No. 213079 COUPLED TO KOLLSMAN CON. TRANS. 799-05, GEARED SHAFT. 7 1/2 x 3 1/2 x 3 1/2; WT: 7 LBS. PRICE: \$4.95



TWIN INDICATORS

INDICATOR AZIMUTH & SIGHTING ANGLE TYPE C-1A. OPERATES 26 VOLT 400 CYCLE, TWO 3" IN DIA PART #SYA-3710. SIZE 6 1/2 x 3 1/2 x 3; WT: 4 LBS. \$3.95



SIGHTING HEAD

A-1C SIGHT HEAD FOR GUN BOMB OR ROCKET. CONTAINS LENSES, MIRRORS, BEARINGS, GEARS, LAMPS, INDICATOR SWITCHES ETC. SIZE: 13x16x5; WT: 30 LBS. PRICE: USED \$9.95



AUTOMATIC PILOT

AUTOMATIC PILOT COMPONENT; GYRO DIRECTIONAL STABILIZER UNIT FOR "M" SERIES BOMBSIGHT AND E-6 AUTOPILOT. OPERATES FROM 24-28 VOLTS D.C. SIZE 17x12x12; WT: 50 LBS. PRICE: USED \$22.95



CABINET

NEW METAL CABINET 20 1/2" x 8" x 9" OPENS AT THE TOP, FRONT PANEL HAS ONE 7/16" HOLE AND CUT OUT 11" x 4" LOUVRED SIDES, ROUNDED FRONT AND TOP. SHPG. WT: 15 LBS. PRICE: \$2.95 #ECEC



WORLD'S FINEST SURPLUS BARGAINS..

Winter-Spring '65

RECEIVER

R-316/ARR-26 RECEIVER
162.25 - 173.5 MC. FM
DESIGNED TO RECEIVE
SONOBOY SIGNALS ON
16 PRE-SET CHANNELS.
WITH TUBES 1/6J6, 2/
6AL5, 1/6AS7, 1/6AU6,
1/12AU7, 1/12AV7 & 7/
6AK5. NO POWER SUPPLY
REQUIRES 280 VDC @
APPROX. 125 MA. AND FILAMENT VOLTAGES.
OUTPUT OF THE SET USES A 12AU7 IN A CATHODE
FOLLOWER CIRCUIT WHICH IS SUFFICIENT FOR HEAD
SET. (SCHEMATIC AND CONVERSION INFORMATION
FOR 145-175 MC SUPPLIED WILL INCLUDE ADDITION
OF AUDIO, SQUELCH AND 115 VOLT 60 CYCLE POWER
SUPPLY CIRCUITS.)
SIZE 5x8x17; WT: 13 LBS. PRICE: USED \$22.95



NO COVER
SUPPLIED

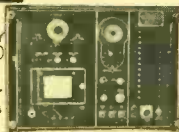
WAVE METER SCOPE OSCILLATOR

JPM-1 WAVEMETER-OSCILLATOR-
SCOPE: RADAR TEST UNIT WITH
WAVEMETER AND OSCILLATOR FOR
155-580 MC. AND 3"SCOPE.
OPERATES FROM 80/115/230 VOLT
50 TO 1000 CYCLE. HAS ALL
THE NECESSARY CONTROLS NORMALLY USED WITH EQUIP-
MENT OF THIS TYPE.
SIZE: 30x21x24; WT: 150 LBS. PRICE: \$99.50 U.



SIGNAL GENERATOR used \$22.95

BC-1277 SIGNAL GENERATOR;
2400 TO 3400 MC. TUNED CAVITY
DIGIT COUNTER DIVISIONS 30/60
MC. 0-50 D.C 3 1/2" MICROAMP.
METER FOR MEASURING THE VOLT-
AGES OF THE VARIOUS CIRCUITS;
ATTENUATOR, SYNC. AMP., STD.
SIGNAL SHAPE AND CAL. SIGNAL AMPLIFIER CIRCUIT
OPERATES FROM 115 V. 50-1200 CYCLE. WITH TUBES
3/VR-150, 4/6AC7, 2/VR-105, 2/6Y6, 2/6SF5, 1/6L7,
1/6L6, 1/707A, 1/6X5 & 1/5T4. USED FOR TESTING
RADAR. SIZE 1N WOOD CHEST 22x17x17; WT: 100 LB



CALIBRATOR

TS-102B/AP CALIBRATOR:
RANGE CALIBRATOR PORTABLE
PULSE GENERATOR WITH REP-
ETITION FREQ. OF 400, 800,
1600, 2000 & 4000, MARKER
AND SYNCHRONIZING PULSE,
VARIABLE DELAY LINE PHASE
ADJUSTMENT. OPERATES FROM
115 V. 50-1000 CYCLE WITH TUBES 2/6X4, 3/6AG7
6/5814, 2/UG273/U CONN. 4/CABLES W/UG-888/U
SIZE: 16x10x11; WT: 28 LBS. UNUSED \$18.95



RELAY TEST SET USED \$16.95
RE-COND. 21.95

1-193 RELAY TEST SET:
USED FOR TESTING 255,
255A, D-163119A, D-164
816A POLAR RELAYS ETC.
FOR BIAS AND SENSITIV-
ITY. THE ELECTRICAL
CHARACTERISTICS ARE
DETERMINED BY THE DEFLECTIONS OF THE METER.
ALSO CONTAINS CIRCUIT FOR SENDING PULSES FOR
TESTING EXTERNAL TELEGRAPH CIRCUITS AND A
10-20 CYCLE OSCILLATOR FOR FOR TESTING AND
LINE-UP PURPOSES. OPERATES FROM 115/130 VDC
10 WATTS. (RA-87 RECTIFIER SHOWN ON PAGE 8
OF THIS CATALOG WILL OPERATE THIS EQUIPMENT)
SHIPPED IN WOOD CHEST 24X12X13; WT: 75 LBS.



ANTENNA COUPLER



CU-168 ANTENNA COUPLER;
PROVIDES MEANS FOR OPER-
ATING FIVE RECEIVERS
FROM A SINGLE ANTENNA.
THE INPUT CIRCUIT TO
WHICH THE ANTENNA IS
CONNECTED IS DESIGNED
FOR OPERATION FROM AN UNBALANCED LINE HAVING
A NOMINAL IMPEDANCE OF 70 OHMS. THE OUTPUT
TO THE REC. ARE ALSO 70 OHMS. COVERS THE FREQ
RANGE OF 2 TO 32 MC. WITHOUT ANY TUNING
OR ADJUSTMENT. EACH REC. COUPLING CIRCUIT HAS
4/12AU7 TUBES OR 20 TUBES IN ALL. POWER SUPPL
OPERATES FROM 115V. 50 TO 400 CYCLE. RACK
PANEL MOUNTING 19" X 8 1/2", 5U4G TUBE USED IN
P.S., UG-21 COAXIAL CONNECTORS FOR INPUT CIR-
CUITS. SHPG. WT; 75 LBS. PRICE: NEW \$39.50

WITH TUBES, UG-21 COAX. CONN. & MANUAL

DIRECTIONAL ANTENNA



AS-81/GR DIRECTIONAL ANTENNA SYSTEM;
DESIGNED AS A ADDITION TO COMMUNICATION
RECEIVERS THIS SYSTEM PERMITS THE USE
OF UNIDIRECTIONAL RECEPTION. TWO LOOP
ANTENNAS FOR COVERING THE FREQ. OF
1.1 TO 4.2 MC. AND ONE TELESCOPING
WHIP ANT. THE UNIT ALSO HAS ONE TUBE
TUNABLE SENSING CIRCUIT USING A 12J5
TUBE AND OPERATES FROM A 12 VOLT VIBRA-
TOR POWER PACK THAT IS SUPPLIED.
THE COMPLETE UNIT AS DESCRIBED IS CONTAINED
IN A CARRING CHEST 15 1/2x14x20 1/2 WITH CABLES
AND MANUAL. SHPG. WT. 75 LBS. RE-NEW \$19.95

SEA RESCUE

AN/CRC-7 TRANSMITTER-RECEIVER VHF SEA
RESCUE 140.58 MC., TWO-WAY COMMUNICATION
VOICE OR M.C.W. (CONVERSION TO TWO METER
CAN BE FOUND IN SURPLUS CONVERSION MAN-
UAL #3 & SURPLUS SCHEMATICS HANDBOOK HAS
SCHEMATIC, PRICE \$3.00 EA.) WITH 3/3A5,
& 1/3Q4 TUBES. OPERATES FROM DRY CELL
BATT. 1.3 VDC FOR FILAMENTS AND 97.5V
FOR B VOLTAGE, HAS 3 PUSH BUTTONS FOR
TONE, REC, AND TRANS. ONE ELEMENT IS USE
FOR MIC AND PHONE, TELESCOPING ANTENNA.
TRANSMITTER IS CRYSTAL CONTROLLED AND
RECEIVER IS SUPER-REGENERATIVE.
SIZE: 15" LONG 2 1/2" DIA. WT: 4 LBS.
PRICE: USED..... \$14.95
" GOV'T. RE-COND..... 19.95



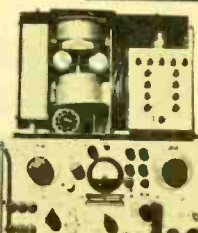
A.F.C. UNIT

AUTOMATIC FREQ.
CONTROL UNIT
No. 600671; USED
WITH FIRE CONTROL
SYSTEM, WITH 16
TUBES 2/5829, 11/
5703, 2/5702 & 1/
5784, DPDT SIGMA RELAY THAT WILL OPERATE FROM
14 VDC @ 2.8 MA, SLUG TUNED COILS, RESISTORS,
COND. ETC. (SORRY DO NOT KNOW FREQ. NO SCHE-
MATIC) SIZE: 4x8x6; WT: 5LBS. PRICE USED \$3.95



PULSE GENERATOR

AN/UPM-19 RADAR TEST SET
CONSISTS OF SG-76 PULSE
GENERATOR THAT COVERS
THE FREQ. OF 2650-2950
MC. VARIABLE FREQ. AND
R.F. OSCILLATOR CONTROLS
BCN CONN. REQ. FOR R.F
IN, R.F OUT, VIDEO PULSE
AND SYNC. OUT JACKS.
2 1/2" R.F CAL. POWER METER
25 TUBES, OPERATES FROM
24 VDC VIBRATOR POWER
PACK. ABOVE IS CONTAINED
IN CASE # 1 OF 2. CASE
2 OF 2 CONTAINS, 2 ANTENNAS,
INDICATOR BOX, PLUGS AND CABLES.
ALUMINUM CARRING CASE SIZES 16 1/2x8x14 AND 14x
10x10; SHPG. WT: 80 LBS.
PRICE: USED \$39.50



OSCILLOSCOPE



OS-26/USM-24 OSCILLOSCOPE
3 INCH CR TUBE 3J1; RECUR-
RENT SWEEP, 8 CYC. PER. SEC.
TO 600KC. TRIGGERED SWEEP
1.25-125 M MICROSEC. VERT.
DEFLEC. SENSITIVITY. 0.35
HORIZ. DEFLEC. 4.0 V. HORIZ
RESPONSE .5 CYC. PER SEC.
TO 700KC., VERT. RESPONSE
4 CYC. PER. SEC. TO 10MC. BEAM MOD. RESPONSE
50 CYC. PER. SEC. TO 10MC. HORIZ. INPUT IMP-
EDANCE 300,000 OHMS. VERTICAL INPUT RESISTANCE
300,000 OHMS. BEAM MOD. INPUT RESIST. 56,000
OHMS. OPERATES FROM 115 VOLT 50 TO 1000 CYCLE
RADIO FREQ. & MOD. CIRCUITS USE BCN SERIES
COAXIAL CONNECTORS.
SIZE: 17x15x15; WT: 60 LBS. USED SERVICEABLE
PRICES LISTED BELOW ARE LESS BLOWERS, PROBES
CABLES, COAXIAL FITTINGS AND AS OFFERED.
WITH BACK AND FRONT COVER \$69.50
LESS BACK AND FRONT COVER 59.50

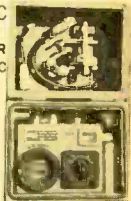
MICROWAVE GENERATOR



TS-147B/UP MICROWAVE
SIGNAL GENERATOR
PORTABLE UNIT DESIGNED TO
TEST AND ADJUST RADAR, REA-
CON AND MICROWAVE COMMUN-
ICATION SYSTEMS OPERATING
IN THE FREQUENCY RANGE OF 8500 TO 9600 MC.
PROVIDES EITHER FM OR CW TEST SIGNALS OF
KNOWN POWER LEVEL & FREQUENCY. THIS UNIT CON-
TAINS A DIRECT READING FREQ. METER AND POWER
LEVEL METER WHICH POWER REFERENCED TO ONE MIL-
LIWATT (DBM). USED TO MEASURE THE FREQ. AND POW-
ER LEVEL OF THE INPUT AND OUTPUT SIGNALS.
SPECTRUM WIDTH, FREQ. CHANGE, RECOVERY TIME
AND STANDING WAVE RATIO. CAN ALSO BE MODULA-
TED EXTERNALLY. OPERATES FROM 115 VOLT 50-
1600 CYCLES. LESS CABLES, PLUGS, ADAPTER, PICK
UP HORN, SIZE: 11x18 1/2x12 1/2; WT: 35 LBS. USED
TS-147B/UP SIGNAL GENERATOR AS PHOTO \$59.50
TS-147A/UP " " SIMILAR TO " 49.50

WAVEMETER

TS-117 WAVEMETER; 2400 TO 3400 MC
P/M 3 MC TRANSMISSION RANGE; P/M
6 MC. ABSORPTION RANGE; 0-50 MICR
OAMP METER D.C. IN21B CRYSTAL REC
TIFIER, AS-23/AP ANTENNA, UG-57U,
UG-131/U ADAPTERS AND CG-183/U
CABLE. TUNING CAVITY WITH CALIB
RATION CHART. WOOD CARRING CASE.
SIZE: 8x6x6 1/2; WT: 10 LBS.
PRICE: USED \$18.95
RE-NEW 24.95



ATTENUATORS

MX-1309/URM-23 POWER MEASURING;
KIT OF WAVEGUIDE ATTENUATORS,
ADAPTER, BALOMETER, CABLE & CHART,
1000 TO 4000 MC.
1 ATTENUATOR CN-110/U 10 DB
1 " CN-111/U 20 DB (2pc)
1 " CN-168/U 3 DB
1 " CN-169/U 6 DB
1 RF BALOMETER DT-76/U, "N" CONN
1 ADAPTER CONN. UG-402/U
1 COAXIAL CABLE CG-92B/U, W/UG-21 EA. END.
METAL CARRING CASE, FITTED, SIZE 19x5 1/2x14;
WT: 32 LBS. COMPLETE SET \$14.95



10000 VOLT TESTER

HIGH VOLTAGE D.C. INSULAT-
ION TESTER; 115 VOLT 60 CY
& 28 VOLT D.C. INPUT, OUT-
PUT 10,000 VOLTS VARIABLE,
100/500 MICRO-AMPS. POWER-
STAT VARIABLE TRANS. 3 AMP
3" METERS 100 MICROAMPS FULL SCALE, SCALE
READING 0-100/500 MICRO-AMP. D.C. KILOVOLT
METER RANGE 0-1.5 & 0-15. LH# 61A100
SIZE: 19x11x10; WT: 60 LBS. USED \$24.95



FAIR RADIO SALES

2133 ELIDA ROAD

Route 30 South -- West of Lima
BOX 1105, LIMA, OHIO 45802
 TEL.: AREA CODE 419 227-7886

STORE HOURS
 MONDAY THRU SATURDAY
 9:00 A.M. TO 5:30 P.M.

SIZES INDICATED ARE FOR METER HOLE OPENING



VOLTMETERS

- 0-150 AC Round flush type for 2-1/8" hole, Bakelite case. Westinghouse type NA-33, 25 to 125 cycles. Signal Corps No. 3F8150-69 **6.25**
- 0-300 AC 3" round flush type, bakelite case, Simpson and General Electric Mfg. Signal Corps No. 3F8300-28 **7.50**
- 0-15 AC-DC Voltmeter 2 1/2" RD. USED No. IS-122 **2.95**
- 0-30 DC Round flush type, for 2 1/2" hole. General Electric Mfg. Model 85W53AAL. Stock No. 2DA7 **5.75**
- 0-300 DC Round flush type, bakelite case, shielded, for 2 1/2" hole. Sun Mfg. Model 2AU346. Stock No. 159E-12 **5.75**

MILLIAMMETERS

- 50-0-50 DC 3" round flush type, bakelite case. Sangamo and Weston model 301. Signal Corps No. 3F3327 **6.25**
- 0-100 DC 3" round flush type, bakelite case. De-Jur model 310. Signal Corps No. 3F910-1 **6.95**
- 0-800 DC 3" round flush type, bakelite case, calib. for 1/8" steel panel. Signal Corps No. 3F980-2 **6.95**

R.F. METERS

- 0-10 AMPS 2-3/4" flange, for 2 1/2" hole, bakelite case. Weston model 507, Signal Corps No. 3F1010-24 **5.95**
- 0-1 AMPS 3" round flush type, bakelite case, Triplet model 0341-T or Weston model 425. Signal Corps No. 3F1001-31 **6.25**
- 0-100 MA For 2-1/8" hole, metal case. Calib. for 1/16" steel panel, with Thermocouple. General Electric model AAN21, type DW-52. Signal Corps No. 3F912 **5.50**

AMMETERS

- 0-30 DC 3" round surface mounting. Roller-Smith type TDS. Signal Corps No. 3F1030-9 **6.95**
- 0-30 DC 2" round flush type, metal case. Hoyt Meter Co. No. H17-3, scale has marking for 12 volt and 6 volt. Signal Corps No. 3F1030-22 **5.50**
- 0-1.5 DC Milliamp. Tube checker scale 2 1/2" flush mtg. P/O I-56A W.No. 665-2 **2.95**

TERMS

PRICES NET, F.O.B. LIMA, O. SEND CASH, CHECK or MONEY ORDER with PURCHASE ORDER

MINIMUM ORDER \$3.00. Orders less than \$3.00 ADD \$.50 HANDLING CHARGE. Include sufficient money for shipping charges. (UNUSED PAYMENTS RETURNED AT ONCE.) Otherwise we will send shipping charges collect.

C.O.D. ORDERS, SEND 25% of PURCHASE with ORDER. BALANCE will be COLLECTED UPON DELIVERY.

When writing for information PLEASE state what specific information you desire.

GENERAL ELECTRIC



A-C VOLTMETER
 TYPE AO-22 3 1/2" RD 0-15 SCALE
 25-133 CYCLE **\$2.95**

D-C VOLTMETER
 TYPE DO-41 3 1/2" RD.
 0-150 SCALE **\$2.95**

0-1.5 KILOVOLT SCALE
 FS-1 MA. (VJF8) **\$2.95**

D-C MILLIAMMETERS
 TYPE DO-41 3 1/2" RD
 0-100 0-200 EACH **\$2.95**

RF AMMETER
 TYPE DO-44 3 1/2" RD.
 0-20 SCALE **\$3.95**

GE 2 1/2" RD. AC VOLT 0-150
 60 CYCLE TYPE AW-41, USN
 #22085 OR EQUAL **\$2.95**

DB METER 3 1/2" RD.
 WEST. TYPE NC35
 SCALE 10-0-6
 USED **\$3.95**
 UNUSED **\$4.95**

R.F. AMPERES 0-4 SCALE W/ THERMOCOUPLE. 2 1/2 x 3 1/2, PANEL OR PORTABLE IN/OUT CIRCUIT SWITCH. WESTON LTD #10A/12667 \$3.95	DC AMPERES 3 1/2" 0-300 SCL USE W/SHUNT 50 MV/200 A	RF MILLIAMP 2 1/2" 0-150 SCALE	D.C. MILLIAMP 0-35 SCALE 2 1/2" RD. USN #CG22202 GE # DW41 \$2.95
	WESTON-M-643 ORD #173030 \$6.95	SIMPSON MODEL 35 \$3.95	

DC VOLTS 2 1/2" 0-500 SCL BASIC FS 500V RUGGEDIZED ALUMINUM PAN- EL ASSY. BURLINGTON MR25WOODCAA \$2.95	DC MILLIAMPER 2-3/4" 0-15 DYNAMIC MUTU- AL CONDUCTANCE USED IN I-177 0-300 SCALE USE EXT. SHUNT 35 OHM USED W/BC-669 VARIOUS MFG. STK #3F930-14 \$4.95	MICROMHOS DYNAMIC MUTU- AL CONDUCTANCE USED IN I-177 0-300 SCALE USE EXT. SHUNT 35 OHM USED W/BC-669 VARIOUS MFG. STK #3F930-14 \$4.95	DC MILLIAMPER 2-3/4" 0-15 DYNAMIC MUTU- AL CONDUCTANCE USED IN I-177 0-300 SCALE USE EXT. SHUNT 35 OHM USED W/BC-669 VARIOUS MFG. STK #3F930-14 \$4.95
FS-5 AMP DC 0-5 AMP SCALE 2 1/2" RD. BURLINGTON MR25WOODCAA \$2.95	DC VOLTS 2 1/2" 0-500 SCL BASIC FS 500V RUGGEDIZED ALUMINUM PAN- EL ASSY. BURLINGTON MR25WOODCAA \$2.95	DC MILLIAMPER 2-3/4" 0-15 DYNAMIC MUTU- AL CONDUCTANCE USED IN I-177 0-300 SCALE USE EXT. SHUNT 35 OHM USED W/BC-669 VARIOUS MFG. STK #3F930-14 \$4.95	DC MILLIAMPER 2-3/4" 0-15 DYNAMIC MUTU- AL CONDUCTANCE USED IN I-177 0-300 SCALE USE EXT. SHUNT 35 OHM USED W/BC-669 VARIOUS MFG. STK #3F930-14 \$4.95

DC MILLIAMETER 3 1/2" RD. 0-100 SCALE 50 MICROAMP MOVEMENT. TRIPPLET #REL12455 \$4.95	GAR ELEC. F.S. = 100 UA SCALE 1-3/3- 10 & 1/2 MOODS-50 2 1/2" RUGGEDIZED GAR MODEL 260 \$4.95	D.C. MILLIAMP 0-500 SCALE 2 1/2" SQ. TRIPPLET TYPE BR32102 \$2.95	50 MICROAMP, 0-5 SCALE 1 1/2" SINGLE HOLE MOUNTING INTERNATIONAL #420-63-0251 \$4.95

DC AMPERES 2-1/16" 0-120 SCALE EXTERNAL SHUNT REQ. AERO/C-120 NSD #R17A5730 \$1.95	TUNING METER 2" TUNE FOR MAX. SCALE. 2 MA. RIGHT, 5 MA. LEFT. 5 OHM DC RES. USED IN RADIO COMPASS REC. #1-70 \$1.50	D-C MILLIAMP 3" SQ. 0-50 SCALE 0-1 MA. BASIC GE TYPE #D053 #7764612PT6 \$2.95	ANTENNA CURRENT INDICATOR 0-10 RF W/ THERMOCOUPLE WESTON 507 F/BC-442 USED \$1.25

WESTINGHOUSE RX-37 SIZE 4x4 1/2 PRICE: \$6.95 EACH

0-30 VOLTS	D.C. 0-2 AMP.	D.C.
0-80 "	D.C. 0-5 "	D.C.
0-150 "	A.C. 0-50 "	D.C.

BALLATINE ELECTRONIC VOLTMETER
 MODEL 300, FREQUENCY RANGE 10 TO 150,000 CYCLES, VOLTAGE RANGE 1 MILLIVOLT TO 100 VOLTS. INPUT IMPEDANCE 1/2 MEG. SHUNTED BY 30 MMFD. ACCURACY 2% TO 100 KC, 3% ABOVE 100 KC. ALSO DB SCALE MOUNTED ON 19" PANEL FOR RACK, CAN BE REMOVED FOR PORTABLE USE.
 PRICE: **\$99.50**

VACUUM TUBE BRIDGE CHECKER
 W/10 SOCKET ADAPTERS. SIMILAR TO GR-561D. TAFFET #T-310-6559.
 SIZE: 19x16x10
 WT: 40 LBS.
 RECOND. **\$99.50**

A.C. OUTPUT METER T-650
 SCALES 0-1.5/0-6/0-15/0-60/0-150. SIZE 3x6x3
 USED CHECKED **\$4.95**
 DEFECTIVE AS-IS **2.00**

RESISTANCE LIMIT BRIDGE
 LABORATORY TEST UNIT THAT USES TWO 10,000 OHM 0.1 PERCENT RESISTORS AS 1:1 RATIO RESISTORS IN A WHEATSTONE-BRIDGE CIRCUIT. THE OUTPUT IS THEN FED INTO A VACUUM TUBE VOLTMETER CIRCUIT WITH THE METER 4 1/2" CALIBRATED IN DIRECT PERCENTAGE 20-0-20. WITH PRECISION WITHIN 1% THIS UNIT WILL CHECK ANY RESISTORS FROM 100 OHMS TO 1 MEGOHM. THIS IS DONE BY CONNECTING A RESISTOR OF KNOWN VALUE AND ACCURACY IN THE CIRCUIT AND THEN THE UNKNOWN RESISTORS ARE INSERTED IN THE TEST TERMINALS AND THE PERCENTAGE OF ERROR IS SHOWN ON THE METER, WESTON TYPE 643. RACK TYPE MOUNTING 5 1/2 x 19". #T-301390 PRICE: **\$34.50**

THE ABOVE UNIT CAN ALSO BE SUPPLIED IN A CABINET WITH A 3 1/2" PANEL THAT HAS TWO FIVE DECK 20 CONTACT ROTARY SWITCHES WIRED TO A TERMINAL DECK. PRICE: **\$44.50**

WESTON PANEL METERS

MODEL 301 A.C. VOLTS 3 1/2" RD 0-150 0-500 0-15/150 \$6.95 EACH	MODEL 301 D.C. VOLTS 3 1/2" RD 0-30 0-50 0-200 0-250 0-300 0-350 0-500 0-600 \$6.95 EACH	MODEL 301 D.C. VOLTS 3 1/2" RD 1-0-1 15-0-15 300-0-300 \$6.95 EACH	MODEL 301 D.C. AMPS. 3 1/2" RD 0-1 0-2 0-4 \$6.95 EACH	MODEL 301 D.C. M.A. 3 1/2" RD 0-50 0-100 0-200 \$6.95 EACH	MODEL 476 A.C. VOLTS 3 1/2" RD 0-10 0-150 0-500 \$6.95 EACH	MODEL 476 3 1/2" RD 0-100 A.C. MILLIAMP \$6.95 0-250 " " " 0-3 " AMPERES "
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WESTON MODEL 506 2 1/2" RD.
 0-5 D.C. KV FS-1 MA **\$3.95**
 0-500 D.C. V FS-1 MA **3.95**
 0-1 D.C. M.A. **3.95**
 0-20/0-100 D.C. M.A. **3.95**

WESTON MODEL 517 2 1/2" RD
 0-150 A.C. VOLTS **\$3.95**

RUGGEDIZED METERS
 PHAESTRON
 0-1 D.C. MA **\$3.95**
 0-50 VDC 3 1/2" **\$4.95**
 0-1 DCMA 2 1/2" **3.95**
 WAELINE 2 1/2" RD. #ADD **3.95**
 DB-6 TO 3" FS-200 MICAMP
 MARION #HS-2 2 1/2" **\$3.95**
 0-18/0-36 D.C. VOLTS **\$3.95**

FRAHM FREQ. METER 48-62
 CYCLE, 100-150 VOLTS, 3 1/2" RD.
 10 REEDS.
 TYPE MF-10
 CAT. #4959
\$6.95

TS-328A/U 400 C
 FREQUENCY METER
 PORTABLE POCKET
 TYPE WITH HINGED
 COVER & TEST
 LEADS, 9 REEDS
 380 TO 420 CYCLE
 3x6x4; WT: 2 LBS
 USED **\$7.95**

AUTOMOTIVE MOTORAIDE METERS

MOTORAIDE CIRCUIT TESTER
 0-1 M.A. MOVE.
 0-10 V. SCALE
 0-7.5 A. " "
 0-1K OHM " "
 SIZE 3 1/2 x 5 1/2
\$3.95

MOTORAIDE REGULATOR TESTER
 0-1 M.A. MOVE.
 0-60 DCA SCALE
 0-10 DCV " "
 0-20 DCV " "
 SIZE 3 1/2 x 5 1/2;
\$3.95

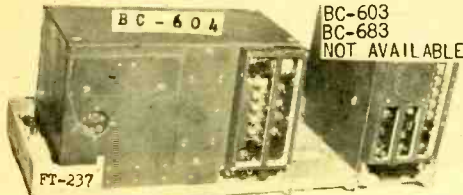
MOTORAIDE DWELL-TACH TESTER
 0-1 M.A. MOVE.
 0-50 DEG. DWEL
 0-1000/5000 RPM
 0-15 V. DCD
 GOOD - BAD
 SIZE 3 1/2 x 5 1/2;
\$3.95

SPECIAL VARIOUS MFG. DISCOLORED
 FACES, 3 1/2" RD. D.C. MILLIAMMETER
 0-50 0-150 0-500 **\$2.95**
 0-100 0-200 (0-IADC) **\$2.95**

FM

TRANSMITTERS-RECEIVERS

AM



BC-604 TRANSMITTER

FREQ. RANGE 20-27.9 MC OUTPUT APPROX. 30 WATT. 10 CRYSTAL CONTROLLED CHANNELS. FREQ. 54 TIME CRYSTAL FREQUENCY. 12 VOLT DC OPERATION WITH DM-35 DYNAMOTOR. 24 VOLT DC OPERATION WITH DM-37 DYNAMOTOR. BATTERY DRAIN 20A. ON 12 VOLT TUBE LINEUP: 16I9 DOUBLER, 16I9 TRIPLER, 16I9 1ST RF AMPLIFIER, 16I9 RF RECTIFIER, 1624 POWER AMPLIFIER. SIZE: 18"X11 1/2"X10 3/8" D. WT: 60LBS. LESS DYNAMOTOR. RE-NEW \$7.95

BC-684 TRANSMITTER

Used \$6.95

SAME AS BC-604 FREQUENCY RANGE 27 TO 39.1 MC

BC-924 TRANSMITTER

Now \$ 12.95
Used 8.95



FREQ. RANGE 27 TO 39.1 MC. 12 VOLT DC OPERATION. VOLTAGE REGULATED M.O. CIRCUIT. SLUG TUNED COILS HI AND LOW OUTPUT SWITCH. 30 WATT OUTPUT ON HI POSITION. CONTAINS INTERPHONE AMPLIFIER. SCHEMATIC ENCLOSED IN CABINET. TUBE LINEUP: 6SJ7 OSCILLATOR, 6J5 MODULATOR, 6SJ7 BUFFER, 6AG7 AMPLIFIER, 8I5 DOUBLER, 8I5 FINAL, 7SL7 1ST AUDIO, 6V6 2ND AUDIO, VR150 VOLTAGE REGULATOR. VOLTAGE REQUIRED 12 OR 24 VDC AND 400 VDC @ 400 MA. SIZE: 18"X11 1/2"X10 3/8" IN. D WT: 52LBS

FT-237 MOUNTING BASE

RE-NEW \$7.95

SHOCK MOUNT BASE TO HOLD ONE BC-924 TRANSMITTER AND ONE OR TWO BC-923 RECEIVER OR, ONE BC-603 RECEIVER. SOCKETS ON THE BASE WILL MAKE ALL OF THE NECESSARY CONNECTIONS TO THE SETS. TERMINAL BLOCK MOUNTED ON THE BASE FOR REMOTE CONTROL CABLE. WT: 44LBS SIZE: 11 3/4" W x 1 3/4" H x 33 5/8" L.

IDENTIFICATION SET

RT-82/APX-6 RADAR IDENTIFICATION SET RECEIVER-TRANSMITTER COVERING RANGE OF 950-1150 MC. IF FREQ. 59.5/1.5 MC. (CAN BE CONVERTED TO 1215 MC. CST FEB. '61, SEPT. '60; 1296 MC. CST JUNE '61) WITH (30) TUBES 6/6J6, 1/6AS6, 1/3E29, 3/6AL5, 1/5Y3, 2/3B24, 3/6AL5, 2/12AU7, 7/6AK5, 1/2C42, 1/2C46, 1/1B40, 1/1N-43, 1/1N-25. DIGIT COUNTERS ON TUNERS FOR TRANS-REC-LO FREQ. CONTROLS. VOLTAGE REQUIRED 24 AND 115 400/800 CYCLE. SIZE: 13x13x10; WT: 45 LBS. PRICE: USED WITH TUBES \$16.95

F-M RECEIVER 152-172 MC

R-394 FM RECEIVER 152 TO 174 MC, ONE CHANNEL CRYSTAL CONTROL ON ANY FREQ. IN THE RANGE. FREQUENCY DEVIATION 15 KC. AUTOMATIC GAIN & SQUELCH CIRCUITS. I.F. FREQ. 28 & 4.5 KC. UNITIZED PLUG IN UNIT. COMPLETE WITH 22 TUBES 14/5687, 1/5840, 1/5783, 1/5672, & 1/6AK6. (THIS REC. DOES NOT HAVE A CONTROL PANEL. THE TCS CONTROL BOX LISTED BELOW CAN BE MODIFIED FOR USE WITH THIS SET AND WE FURNISH INSTRUCTIONS. THE VIBRATOR POWER SUPPLY IS INSIDE THE UNIT AND YOU CAN HAVE YOUR CHOICE OF 6, 12 OR 24 VOLT SUPPLY. SPECIFY WHEN ORDERING. SIZE: 5 1/2x8x14; WT: 33LBS. PRICE USED: WITH POWER SUPPLY... \$49.50 LESS " " ... 45.00 PLUG TO FIT FRONT END OF RECEIVER \$1.50



**RECEIVER
TRANSMITTER**

T-91/VRC-4 TRANSMITTER, AM, 25 W. CW/PHONE, 4 CRYSTAL CONTROLLED CHANNELS IN THE BAND OF 1.7 TO 8.7 MC. OR A TUNEABLE CHANNEL VARIABLE 4.0 TO 7.0 MC. WITH TUBES 1/6V6, 2/6L6 & 1/807 NO POWER SUPPLY, REQUIRES APPROX 600 VDC FOR B SUPPLY AND 6 VOLTS FOR FILAMENTS. SIZE: 15 1/2x11x14 1/2; WT: 50 LBS. UNUSED
R-114/VRC-4 RECEIVER AM, 4 CRYSTAL CONTROLLED CHANNELS 1.7 TO 8.7 MC. ONE TUNEABLE CHANNEL 190 TO 510 KC. IF FREQ. 525 KC. FOR CW/PHONE WITH SPEAKER & TUBES 4/6SK7.1 8.2/6SQ7 & 1/6K6. VOLTAGE REQUIRED 6 V & APPROX 220 VDC SIZE: 15 1/2x11x14 1/2; WT: 40 LBS. UNUSED

T/91/VRC-4 TRANS. & R-114/VRC-4 REC. \$49.50

BC-659 RECEIVER-TRANSMITTER F.M., 27-38.9 MC. CRYSTAL CONTROL ON 2 PRESELECTED CHANNELS, USES FT-243 CRYSTALS, OUTPUT APPROX. 3 WATTS.

SELF CONTAINED SPEAKER, MIC & PHONE JACKS. W/TUBES 1/1LH4, 1/1LC6, 4/1LN5, 2/1291, 4/1299, 1/1291, W/TUBES, SPEAKER & METER. REQUIRES PE-117 OR PE-120 POWER SUPPLY FOR OPERATION FROM 6/12 VOLT. SIZE: 15x13 1/2x7; WT: 30 LBS. PRICE: REC-TRANS. ONLY USED \$14.95 RN \$17.95 REC-TRANS. W/POWER SUP. " 18.95 RN \$21.95

PE-117 POWER SUPPLY ONLY USED	5.95 RN	7.95
PE-120 " " " " " "	5.95 RN	7.95
PE-97 " " " " " "	5.95 RN	7.95
CS-79 BATTERY CASE EMPTY " "	1.00 RN	1.95
BX-40 CRYSTAL CASE " "	RN	1.95
AN-45 TELESCOPING ANTENNA 8 FT.	N	2.95

BC-788C RECEIVER-TRANSMITTER ALTIMETER, PULSE TYPE, TRANSMITTER OUTPUT 50 WATTS. FIXED FREQUENCY 440 MC. WITH TUBES 3/6J6, 1/6L6, 9/6AG5 AND 1/5Y3G1 OPERATES FROM 115 VOLT 400 TO 2400 CYCLE. SIZE: 15 1/2x9x8; WT: 13 LBS. PRICE: USED \$9.95



R-122/ARN-12 AIRBORNE EQUIPMENT DESIGNED TO RECEIVE RADIO SIGNALS TO DELIVER AURAL & VISUAL INDICATION OF THE RECEIVED SIGNAL TO THE PILOT OF THE AIRCRAFT IN WHICH IT IS INSTALLED. FORM THESE INDICATIONS THE PILOT CAN ACCURATELY CHECK IN RESPECT TO A PARTICULAR RADIO RANGE STATION. THE RECEIVED SIGNAL IS FIXED FREQ. 75 MC. A-M MODULATED AT 400, 1300 OR 3000 CPS. AND OPERATES FROM 24 VOLTS DC FOR FILAMENTS AND B VOLTAGE. COMPLETE WITH TUBES 5/6AJ5, 2/6AL5W & 2/28D7. HAS CRYSTAL CONTROLLED OSCILLATOR WITH 6.9 MC. IF FREQ. SIZE: 10x5x6; WT: 8 LBS. PRICE: USED \$4.95

FM RECEIVER

BC-617 FM RECEIVER & SELECTOR FREQUENCY COVERAGE 30 TO 40 MC. 10 CHANNEL TONE SELECTOR THAT ACTUATES RELAY CIRCUITS. COAXIAL ANTENNA INPUT, SQUELCH CIRCUIT, AUDIO CONTROL OUTPUT JACK ETC. COMPLETE WITH TUBES 7/12SN7, 1/12H6, 1/12SA7, 2/12SJ7, 3/12SK7 & 1/VR105 AND 24 VOLT DYNAMOTOR. SIZE: 11x8x20; WT: 35 LBS. PRICE: UNUSED \$24.50

TRANSMITTER

WILCOX ELECTRIC TRANSMITTER #96, 2 1/2 KW, 2 TO 18 MC. CW, AM, CRYSTAL CONTROLLED. USES PLUG IN COILS BUT NOT SUPPLIED. USES TUBES 2/450T/TH, 2/807, 1/813, 1/81 THESE TRANSMITTERS WILL BE SHIPPED IN THE SAME CRATES AS RECEIVED. NO INSPECTION WILL BE MADE SO TUBES MAY OR MAY NOT BE IN SET AND ARE OFFERED AS SUCH. NO POWER SUPPLY OR MODULATOR ARE INCLUDED. CONDITION USED AS DESCRIBED. SIZE: 12 1/2x24 1/2x72; WT: 250 LBS. \$75.00

COMPASS SYSTEM



REMOTE READING MAGNESYUM COMPASS SYSTEM, AIRCRAFT TYPE. CONSISTS OF A MAGNESYUM COMPASS THAT TRANSMITS TO A 3" INDICATOR THAT IS CALIBRATED IN DEGREES --- N-S-E-W AND IS OPERATED BY THE 12 VOLT D.C. INVERTER THAT IS SUPPLIED WITH THE SET. SHPG. WT: 15 LBS. PRICE WITH TRANSMITTER, INDICATOR, INVERTER AND MANUAL... USED \$22.95

BC-645/ABA TRANSCEIVER, TRANSPONDER SET USED IN AIRCRAFT FOR FRIEND OR FOE IDENTIFICATION FOR USE IN THE 460 TO 490 MC. WITH 15 TUBES 4/7F7, 4/7H7, 2/7E6, 2/6F6, 2/955, 1/W316 (THOUSANDS OF THESE SETS HAVE BEEN CONVERTED TO HAM BAND 420-450, MOBILE FIXED 450-460, CITIZENS 460-470, TV EXP. 470-500) SIZE: 6 1/2x11x14; WT: 20 LBS. PRICE: UNUSED \$14.95

BC-646 CONTROL BOX FOR ABOVE. \$ 1.95
MOUNTING FOR CONTROL BX. 1.00
MOUNTING FOR TRANSCEIVER 1.50
ANTENNA ASSEMBLIES FOR SET (2) 1.95
COMPLETE SET OF PLUGS \$4.95; INDIVIDUAL EA. \$1.00

CARRIER MONITOR

WHEN COUPLED TO TRANSMISSION LINE PROVIDES DC/AUDIO CURRENT TO LOCAL OR REMOTE POSITION. TWO VACUUM CAPACITORS 3 MFD 15 KV. ARE SUPPLIED FOR 500 TO 50W WATT TRANSMITTER 2 TO 30 MC. INPUT/OUTPUT IMPEDANCE 600 OHM LINE. OPERATES 115/230 V 60 CYC. WITH TUBES 1/6AL5, 1/6X4, 1/6J6, 1/V103. ALSO OUTPUT JACKS ETC. OUTPUT JACKS & CONTROLS. P/N 1028017; SIZE: 6X6 1/2X8 1/2; WT: 15 LBS. PRICE: UNUSED \$8.95 LESS 2 VACUUM COND. \$5.95

BC 1158 TRANSMITTER

BC-1158 RADIO TRANSMITTER & MODULATOR 50 WATT R.F. DOUBLER, AMPLIFIER AND MODULATOR SECTIONS, A.M. 53.3 TO 95 MC. COMPLETE WITH 4/8I5 & 10/12SN7 TUBES. CRYSTAL CONTROL ON ANY ONE SINGLE CHANNEL. USED IN AIRCRAFT FOR REMOTE CONTROL OF RECEIVERS R-150 & R-174 SHOWN ON PAGE 14. VOLTAGE REQUIRED 24 VDC & 400 VDC @ 400 MA. (FOR CONVERSION TO 6 METERS SEE CQ MAGAZINE JAN. '57) SIZE: 8 1/2x16 1/2x16 1/2; WT: 32 LBS. PRICE: NEW \$34.50

1-196 SIGNAL GENERATOR; PORTABLE BATTERY OPERATED TEST UNIT USED TO CHECK LF AND HF BANDS OF BC-966 IFF SET, APPROX 160 TO 220 MC. USES ONE 957 ACORN TUBE, HAS VARIABLE FREQ. & TONE CONTROL, PILOT LIGHT, SWITCH. HOUSED IN WOOD CASE WITH CANVAS COVER AND CARRYING STRAP. BATTERIES REQUIRED 1.5 AND 135 VDC. SIZE: 8 1/2x8 1/2x14; WT: 10 LBS. PRICE: NEW \$2.95

AM-26/AIC

AUDIO AMPLIFIER USED IN AIRCRAFT FOR INTER-COMMUNICATION. CARBON MICROPHONE INPUT, HIGH & LOW IMPEDANCE OUTPUT WITH VOLUME CONTROL. NORMALLY OPERATES FROM 24 VOLTS DC FOR FILAMENTS AND 250 VOLTS DC 60 MA. FOR B THAT WAS SUPPLIED BY A DM-32 DYNAMOTOR THAT WAS MOUNTED ON THE BACK. COMPLETE WITH TUBES 2/12J5 & 2/12AC. FOR CONVERSION TO 9 WATT AMPLIFIER SEE SUPPLUS CONVERSION MANUAL #2 PRICED AT \$3.00) SIZE: 9 1/2x5 1/2x5 1/2; WT: 6 1/2 LBS. USED \$3.95

ARC-5

COMMAND RECEIVERS—TRANSMITTERS

The COMMAND SET series of transmitters and receivers are the most popular surplus items on the market to-day.

The series consist of several units covering the frequency range of 190 KC to 9.1 MC for the receivers and 2.1 to 9.1 MC for the transmitters.



R-26/ARC-5 RECEIVER
3 TO 6 MC.
WITH C-131/AR ELECTRIC OR MANUAL CONTROL FOR 24 V.D.C. OPERAT. WITH CONN. PLUG.
PRICE: GOV'T OVERHAUL.....\$24.95

The receivers are six tube superhets using the following tubes, 1/12A6, 2/12KBY, 3/12SK7 & 1/12SR7. Designed to operate from 24 VDC dynamotor, which mounted on the rear of the set, supplying 250 VDC 60 MA.
Size of set 5 x 5 x 11 WT. 6 lbs.

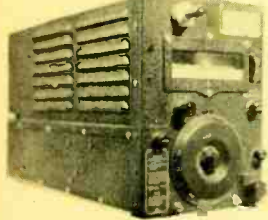


R-23/ARC-5 OR BC-453 190-550 KC. WHICH EVER IS AVAILABLE USED \$14.95

R-25/ARC-5 1.5-3 MC. UNUSED \$19.95

TRANSMITTERS

The transmitters with proper use can put out 50 watts or CW and watts on voice, with the use of the BC-456 modulator which is a separate unit. Dynamotor used with equipment is a DM-33 24 VDC input output 575 VDC 175 MA & mounts on the modulator. Tubes used 2/1625, 1/1626 & 1/1629 magic eye tube for crystal calibration
Size 5 x 7 x 12 WT. 9 Lbs



T-17/ARC 1.5 to 2.1 MC NEW \$14.95
T-18/ARC 2.1 to 3 MC NEW 8.95
T-19/ARC 3 to 4 MC used 9.95
T-20/ARC 4 to 5.3 MC NEW 8.95
T-21/ARC 5.3 to 7 MC NEW 9.95
T-22/ARC 7 to 9.1 MC no stock
T-23/ARC 100 to 156 MC NEW \$24.95



BC-456 MODULATOR AND DYNAMOTOR MOUNTING. USED WITH COMMAND TRANSMITTER COMPLETE WITH TUBES 1/1625, 1/12J5, VR-150. SIZE: 7x8x10; WT: 10
NEW \$3.95 USED LESS COVER \$2.50

AC 115 VOLT 60 CYCLE POWER SUPPLY FOR COMMAND RECEIVERS WITH SPEAKER, VOLUME CONTROL, CW, CONNECTOR PLUG ETC. (SEE PAGE 20) \$18.95

35x032 DYNAMOTOR 12 VOLT. \$ 4.95
DM-32 " 24 V. U. \$2.95 N 4.95
SPIN TUNING KNOB FOR REC. 1.00
CONNECTOR PLUGS F/REC-TRANS. 1.50

C-26/ARC CONTROL BOX 1 REC. U.I. 50
BC-496 " " 2 " N.I. 95
BC-451 " " 1 TRA. U.I. 50

AMPLIFIER

AM2038/ARA-19 AMPLIFIER; PART OF REMOTE COMPASS TUNING SYSTEM AS USED WITH ARN-6 RADIO COMPASS. PROVIDES AN ACCURATE MEANS OF TUNING ELECTRICALLY. WITH 2/26A7 TUBES 1/12SN7 TUBE. OPERATES FROM 24 VOLT D.C. ALSO HAS 3 SEALED RELAYS, COND. RES. ETC. SIZE: 5x6x4 1/2; WT: 5 LBS. RE-NEW \$3.95



RAX-1 RECEIVER; FOUR BAND 200 TO 1500 KC. LARGE 4" DIAL, C.W. MCW, ANT. TRIM, VOL. CONT. AND PHONE JACK ALL ON FRONT PANEL. W/TUBES 3/12SK7, 1/12K8, 1/12SR7 & 1/12A6. VOLTAGE REQ. 24 VOLT FILAMENTS & 200-220 VDC, 80 MA. SIZE 7 1/2 x 7 1/2 x 1 1/2 WT: 25 LB. USED \$29.50
A.C SUPPLY W/SPEAKER/CASE \$18.95
SHOCKMOUNTING F/RECEIVER 2.50

BC-1335

F-M RECEIVER TRANSMITTER



CRYSTAL CONTROL ON ANY TWO PRE-SET FREQ. IN THE 27 TO 38 MC. BAND USING FT-243 CRYSTAL HOLDER APPROX. 2 WATTS OUTPUT. VIBRATOR TYPE POWER SUPPLY THAT OPERATES FROM 6 OR 12 VOLTS DC. USES 18 TUBES, 7/1L4, 2/1R5, 5/3A5, 2/3C4, 1/1A3 & 1/6AF6G. THESE SETS ARE USED AND SOLD AS IS LESS TUBES AND VIBRATOR. THEY WILL REQUIRE SOME WORK.
SIZE: 13 1/2 x 12 1/2 x 6 1/2; WT: 30 LBS. USED \$6.95

RT-19/ARC-4 TRANSMITTER

RECEIVER



AMPLITUDE MODULATED SET COVERING THE FREQ. OF 140 TO 144 MC FOUR CHANNEL CRYSTAL CONTROL, OUTPUT 10 WATTS. WITH TRANSMITTER TUBES 2/6L6, 1/832, 2/1614, 2/6V6, 4/6N7, 2/6AC7, 3/12SJ7, 2/12A6 & 2/12SQ7. VOLTAGE REQUIRED 325 VDC @ 255 MA. & 12.6 @ 5.3A OR 24 @ 2.7A. SET USUALLY OPERATES FROM A 12 OR 24 VOL DYNAMOTOR WHICH CAN BE PURCHASED SEPARATELY. CONVERSION FOR TWO METERS CAN BE FOUND IN SURPLUS CONVERSION MANUAL, PRICED AT \$3.00. (USED)
SIZE 10 1/2 x 8 x 20; WT: 20 LBS. TRANS-REC. U. \$22.95
DY-10 DYNAMOTOR 12 OR 24 VOLT USED \$14.95
DY-9 " " " " " 9.95

AC BEACON RANGE RECEIVER



BC1206-C BEACON RECEIVER



BC-1206 AIRCRAFT BEACON RECEIVER 200 TO 400 KC. OPERATES FROM 24 VDC 1.5 AMPS. 135 KC IF. COMPLETE WITH TUBES 2/14H7, 1/14J7, 1/14R7 & 1/28D7. CONTINUOUS TUNING, VOLUME CONTROL, ON/OFF SW. & PHONE JACK. SIZE: 4x4x6 1/2. WT: 5 LBS. SHOWN TO RIGHT. PRICE: USED CHECKED FOR OPERATION \$9.95 REC. ONLY

AC BEACON RANGE RECEIVER IN CABINET WITH 115 VOLT 60 CYCLE POWER SUPPLY & 4" PM SPEAKER, READY TO OPERATE. SIZE: 10x6x6; WT: 18 LBS. PRICE, COMPLETE WITH NEW CABINET & POWER SUPPLY AND USED RECEIVER CHECKED \$29.95
SAME AS ABOVE, LESS RECEIVER.. 18.95

POWER SUPPLY ONLY, 115 VOLT 60 CYCLE OPERATION OUTPUT 24 VOLTS DC 1.5 AMPS. MOUNTED ON METAL CHASSIS 6x5x7; WT: 5LBS. KIT...\$7.00 WIRED \$9.95



R-4/ARR-2 RECEIVER 234-258 MC. 11 TUBE AIRCRAFT UNIT FOR RECEPTION OF DOUBLE AMPLITUDE MODULATED CARRIER OPERATES FROM 24 VDC & 250 VDC 60 MA. COMPLETE WITH TUBES 3/6AK5, 7/9001 & 1/12 A6. SIZE: 5x5x11, WT: 6 LBS
PRICE: RE-COND. \$6.95



COMAND SET RACKS & FLEXIBLE SHAFT
FT-234 HOLDS ONE TRANSMITTER \$1.50
FT-226 " TWO " 2.00
FT-331 " FOUR " 3.00
FT-233 " ONE RECEIVER 2.00
FT-220 " THREE " 2.00
FT-225 " ONE MODULATOR 1.50
MC-215 FLEXIBLE SHAFT AP. 6' 1.50
MORE THAN 6' EA. EX. FT.25

TRANSMITTERS - RECEIVERS



BC-230/430 TRANSMITTER

Transmitter approx. 10 watts Voice and 20 watts CW in the freq range of 3000 to 7700 KC by use of plug in coils. Uses tubes 2/10Y, 2/45. Output meter 2" 0 to 1.5 RF. MC control on front panel. Voltage required approx 300 VDC for plates & 12VDC for BC-230 & 24 VDC for BC-430. Size 13"x8"x7". WT. 10 1/2 lbs.

Price with tubes, plug in coils & schematic, UNUSED \$8.95

BC-229/429 RECEIVER

Receiver TRF, uses plug in coils to cover the freq. range of 201 to 398 & 2500 to 7700 KC. Six tubes 1/37, 1/38, 4/39. Voltage required 220 VDC to 275 VDC 80 MA. & 12 VDC for BC-229 & 24VDC for BC-429. Size 16 x 8 x 7. WT 12 lbs.
Price with tubes,, plug in coils & schematic, used \$8.95

Control Box BC-231 F/ receiver or BC-232 F/ trans. each \$1.00
Connector plugs for rec, trans., dynamotor or boxes, " \$1.00
Schematic showing rec, trans, boxes etc. \$1.00
Tuning knob for Receiver local control \$1.00
Remote tuning head for receiver \$2.00
Remote tuning shaft for receiver, specify length \$1.50
Separate coils for receiver, specify freq. coverage \$1.75
Dual coil 201-398 & 2500-4700 or 4700-7700 each \$1.75
Separate coils for transmitter, specify freq coverage. \$1.75
2500-3200, 3200-4000, 4000-5000, 5000-6200, 6200-7700.
Mountings for Rec., Trans, Dyn., Each mounting \$1.50

BC-375 TRANSMITTER BC-191

TRANSMITTER AM 100 Watt CW - MCW - Voice, Frequency coverage 200 - 500 KC & 1500 - 12,500 KC. by use of plug in tuning units listed below.
Tube line up 1/10Y & 4/VT-4C (211). Complete with tubes, less tuning units. Requires 12VDC for BC-191 & 24 VDC for BC-375 filaments & relay. 1000 VDC 350 MA. plates. Meters 2" for reading 0-8 RF, 0-500 MA, & 0-15 DC. With schematics.



BC-191 F/12 VOLT OR BC-375 F/24 VOLT UNUSED \$34.95

TUNING UNITS for BC-191 & BC-375

	USED	NEW
TU-5 1.5 to 3 MC \$ N.S	\$5.95	\$5.95
TU-6 3 to 4.5 MC	3.95	5.95
TU-7 4.5 to 6.2 MC	3.95	5.95
TU-8 6.2 to 7.7 MC	3.95	5.95
TU-9 7.7 to 10 MC	3.95	5.95
TU-10 10 to 12.5 MC	3.95	5.95
TU-26 200 to 500 KC	3.95	5.95
BC-306 Antenna Tuner	N.S	5.95

Dynamotors BD-77/12 Volt; PE-73/24 Volt, Used \$12.95
PLUGS for transmitter or dynamotor; each plug \$1.00
Cables with PL-61, PL-64 or PL-59 ea end. Each cable \$2.75



AMPLIFIER

AM-142/ARC MIXER AMPLIFIER USED IN LARGE AIRCRAFT INTER-COMMUNICATION SYSTEMS AS A AUDIO LINE MIXER AND BOOSTER. INPUT IMPEDANCE 500 OHM, OUTPUT 600 OHM. OPERATES FROM 24 VOLTS DC AND IS COMPLETE WITH ONE 26A7 TUBE AND SCHEMATIC. SIZE: 5x5x2; WT: 2 1/2 LBS. USED \$1.25

R-443/ARN-5D GLIDE PATH RECEIVER R-430 USED \$6.95
USED IN AIRCRAFT TO RECEIVE A MODULATED SIGNAL 90 & 150 CYC ON 332.6, 333.8 MC. OPERATES FROM 24 VDC. COMPLETE WITH TUBES 7/6AJ5, 2/12SN7 & 1/28D7
SIZE: 5 1/2 x 6 1/2 x 11; WT: 12 LBS.
PRICE: USED \$7.95 (NO CRYSTALS)

R-268/ARN-5 USED \$6.95..R-89/ARN-5 USED \$5.95

SCR-522 RADIO SET

100-156 MC

RECEIVER-TRANSMITTER AM, FOUR CHANNEL, CRYSTAL CONTROL, 30 WATT OUTPUT, 18 TUBES AS FOLLOWS: TRANSMITTER, 1/6SS7, 2/832, 3/12A6, 1/6G6, RECEIVER, 1/9002, 1/9003, 3/12A6, 1/12C6, 2/12AH7, 1/12H6 & 3/12SG7. BOTH UNITS CAN BE REMOVED FROM CASE SEPARATELY. OVERALL SIZE: 16x12x10-3/4" WT: 49 LBS. PRICE: USED \$29.95



RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE: USED WITH TUBES \$14.95 NO TUBES

RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED, WITH TUBES \$14.95 NO TUBES \$7.95

TRANSMITTER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED WITH TUBES \$18.95 NO TUBES \$7.95

BC-602 CHANNEL SELECTOR CONTROL BOX WITH PUSH BUTTONS. BC-602B USED \$1.95 BC-602D NEW \$2.95

NOTE: FOR THE MICROPHONE & PHONE CIRCUITS JACKS CAN BE INSTALLED IN THE BC-602

JB-29 JUNCTION BOX NEW \$2.95
AN-104 ANTENNA, METAL COVERED WOOD NEW 1.95
PE-98 DYNAMOTOR 12 VOLT USED 9.95
PE-94 " 24 " 4.95

PLUGS REQUIRED FOR THE EQUIPMENT

SCR-522 RECEIVER-TRANSMITTER REQUIRES THE FOLLOWING PLUGS, PL-173 TO ANTENNA, PL-169 TO DYNAMOTOR, PL-170 TO JB-29 JUNCTION BOX. \$1.50 EACH

BC-602 CONTROL BOX, REQUIRES FOLLOWING PLUGS, PL-169 TO JUNCTION BOX. \$1.50 EA.

PE-98 OR PE-94 DYNAMOTOR REQUIRES FOLLOWING PLUGS, PL-172 TO BATTERY, PL-171 TO RECEIVER-TRANSMITTER. \$1.50 EA.

JB-29 JUNCTION BOX, REQUIRES THE FOLLOWING PLUGS, PL-170 TO RECEIVER-TRANSMITTER, PL-169 TO BC-602 CONTROL BOX. \$1.50 EA.

RA-62 AC POWER SUPPLY FOR SCR-522, OPERATES FROM 115/230 VOLTS 60 CYCLE, SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION. SIZE: 16x11x11; WT: 75 LBS. PRICE USED \$59.50 REQUIRES PL-171 PLUG FOR HOOK-UP TO REC-TRANS PRICE \$1.50. AC LINE CORD DETACABLE TYPE \$1.00

BC-733 RECEIVER 108.3-110.3 MC AM



AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-POINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY. OPERATES ON SIX CRYSTAL CONTROL PRESET FREQ. COMPLETE WITH TEN TUBES: 1/12AH7, 2/12SG7, 3/717, 2/12SR7, 1/12SG7 & 1/12A6. VOLTAGE REQUIRED; 24 VDC & 220 VDC 80 MA. WITH SCHEMATIC. SIZE: 13x5x7 WT: 17 LBS.

PRICE: USED \$5.95
1-101C CROSS POINT INDICATOR, USED \$1.95
PL-257 PLUG TO FIT 1-101C 1.50

BC-732 CONTROL BOX USED \$1.95 NEW \$2.95
CABLE WITH PL-254 TO FIT BC-733 REC. AND PL-256 PLUG TO FIT BC-732 CONTROL BOX 3 FT. PRICE: \$4.95 PLUGS ONLY 1.50

DM-53 DYNAMOTOR 24 VOLT USED \$4.95 NEW \$6.95
DM-53 AZ " 12 " NEW 7.95
AS-27 RAMS HORN ANTENNA \$5.95
PL-284 TWIN COAX PLUG F/BC-733-AS-27 1.00

R-65/APN 9 RECEIVER INDICATOR

LORAN SYSTEM AS USED ON BOATS AND IN AIRCRAFT. PROVIDES ACCURATE MEANS OF DETERMINING POSITION FROM FIXED TRANSMITTING STATIONS WHEN DESIRED AND OTHER MEANS ARE INEFFECTIVE. CONSISTS OF A RECEIVER, OPERATING IN THE MARINE BAND, AND INDICATOR USING A 3" CATHODE RAY TUBE FOR PRESENTATION OF THE RECEIVED SIGNALS. OPERATES FROM 24 VDC & 115 VOLTS 400 TO 800 CYCLES. SIZE: 9x12x30; WT: 36 LBS. PRICE; USED, LESS TUBES & LENS..... \$19.95
" " WITH " " 49.50



ARC-3 100-156 MC



R-77/ARC-3 VHF AIRCRAFT TYPE AM RECEIVER, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 9001, 9002, 12A6, 12H6, 12SH7, 12SL7, 2/12SN7, 3/12SG7 & 6/6AK5. VOLTAGE REQUIRED 24 VDC & 210 VDC 125 MA. SIZE: 11x7x15. WT: 21 LBS. WITH SCHEMATIC PRICE: USED WITH TUBES \$22.50 CONNECTOR FRONT OF SET \$2.50

T-67/ARC-3 VHF AIRCRAFT TYPE TRANSMITTER AM, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 2/832, 2/6L6, 1/6.5, 3/6V6 & 1/12SH7. VOLTAGE REQUIRED 24 VDC & 410 VDC 325 MA. SIZE: 15x7x12. WT: 21 LBS.



PRICE: USED WITH TUBES..... \$22.95
CONNECTOR FRONT OF SET \$2.50

JB-68 JUNCTION BOX FOR ARC-3 RADIO SET USED TO MOUNT DYNAMOTORS DY-22 FOR REC & DY-21 FOR TRANS. ALSO HAS CONNECTOR PLUGS TO HOOK UP REC, TRANS, CONTROL BOX & POWER, & RELAYS. SIZE: 10x3x8. WT: 7 LBS. PRICE USED..... \$7.95

CONNECTOR PLUG FOR EACH FACILITY \$2.50 EACH

C-118/ARC-3 CONTROL BOX FOR RECEIVER AND TRANSMITTER. HAS EIGHT PUSH BUTTONS FOR CHANNEL SELECTION AND ONE FOR OFF. SIZE: 6x3x7 WT: 2 LBS. PRICE: \$4.95
CONNECTOR PLUG U-16/U 2.50

IE-36 TEST SET FOR SCR-522 REPRODUCES THE OPERATING FUNCTIONS OF THE CONTROL BOX & JACK BOXES OF THE RADIO BY PROVIDING HEADPHONE & MICROPHONE, CHANNEL SELECTION PLUS ALL OTHER CONTROLS NECESSARY TO OPERATION AND TESTING. CONTROL UNIT BC-1303 PLUGS DIRECTLY INTO THE SCR-522 ALSO HAS PHANTOM ANTENNA & CORD, LAMP EXTRACTOR, ADAPTER PHONE CORD, INSTRUCTION BOOK AND CARRYING CASE, 10x10x4; WT: 8 LBS. PRICE: NEW \$6.95

SCR-522 CABLES WITH PLUG ON ONE END AND LUG TERMINALS ON THE OTHER. EACH CABLE \$2.95
CX-58/VRC-1 PLQ-170 PLUG & LUGS, 36" LONG.
CX-60/VRC-1 PL-169 " " " 36" "
CX-62/VRC-1 PL-172 " " " 66" "

TRANSCIEIVER

BC-745 AM TRANSMITTER-RECEIVER COVERING THE FREQ. RANGE OF 2-6 MC PHONE, WITH A RANGE OF FIVE MILES UNDER FAVORABLE CONDITIONS. CRYSTAL CONTROL ON TWO PRESELECTED FREQ. BY USE OF PLUG IN COIL & CRYSTAL ASSY. BC-746. THE SET SIZE IS 6X6X6 AND IS MOUNTED ON A 32" STAFF AND HOUSES THE TELESCOPING ANTENNA WHEN NOT IN USE. COMPLETE WITH TUBES, 1/1S5, 3/1T4 & 5/3S4 & ONE PLUG IN FREQ. ASSY. VOLTAGE REQUIRED 1.5 VDC, 5 A, 67.5 VDC/20 MA & 105-125 VDC/50 MA. WT: 10 LB
PRICE: USED, \$14.95 UNUSED \$19.95



BC-746 PLUG IN COILS & CRYSTAL ASSEMBLIES CHANNEL #1 3010 Kc CHANNEL #2 5030 Kc CHANNEL #3 5500 Kc CHANNEL #4 5305 Kc ONE OF THE ABOVE SUPPLIED WITH PURCHASE OF SET, ADDITIONAL UNITS \$1.95 EA.

T-39 CHEST UNIT THAT WAS USED TO CARRY DRY CELL BATTERIES, ALSO HAS MICROPHONE, PHONE JACK AND NECESSARY CABLE FOR CONNECTING TO RADIO SET. PRICE: USED, \$3.95 UNUSED \$5.95

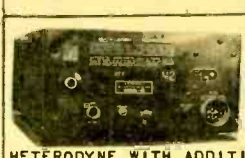
PE-157 VIBRATOR POWER SUPPLY; OPERATES FROM 2 VOLT WET BATTERY BB-54 WHICH IS INSTALLED INSIDE THE CASE THAT SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION OF THE RADIO SET ALSO HAS 4" PM SPEAKER, CARRYING HANDLE AND CABLE FOR CONNECTING TO SET. SIZE: 11x5x8. WT 17
PRICE: USED NO SPEAKER \$10.95 WITH SPK. \$12.95
" " " " 12.95 " " 14.95

MN-40 INDICATOR 0-360 DEGREE SCALE 5" WITH VAR. ADJUSTMENT. SAME AS 1-82 INDICATOR ONLY OPERATES MECHANICALLY INSTEAD ELECT BY USE OF SPLINED CONNECTORS AS USED ON MC-124 SHAFT.



CONTROL BOXES MN-28C/MN-26C MN-28LB/MN-26LB USED \$3.95 EA. CONNECTOR PLUGS RECEIVER \$2.50 CONTROL BX 2.50 FLEXIBLE SHAFT 20"/\$1.50 5 1/2" \$2-.81 \$3.00

COMPASS RECEIVER



AN/ARN-7 RADIO COMPASS RECEIVER 100 TO 1750 KC USED FOR AIRCRAFT DIRECTION FINDING BUT CAN ALSO BE USED ON BOATS. THE RECEIVER IS A SUPERHETERODYNE WITH ADDITIONAL CIRCUITS FOR OPERATION OF THE AURAL RECEPTION AS SHOWN ON THE INDICATORS. COVERS THE FREQUENCY RANGE OF 100 TO 1750 KC IN FOUR BANDS CONTINUOUS TUNING FROM CONTROL BOX WHICH IS A SEPARATE UNIT. UNIT OPERATES FROM 115 VOLT 400 CYC & 24 VDC AND IS COMPLETE WITH TUBES 4/6K7, 1/6L7, 1/6J5, 2/6B8, 2/6F6, 1/6N7, 1/5Z4, 1/6SC7 & 2/2051. SIZE: 12x8x19; WT 45 LBS.

R-5/ARN-7 RECEIVER ONLY, USED \$18.95
ITEMS LISTED BELOW ARE REQUIRED FOR ADF OPER.

C-4/ARN-7 CONTROL BOX USED \$3.95
1-81A INDICATOR 3" " 2.95
1-82A " 5" " 3.95
LP-21 AM LOOP ANTENNA " 9.95
FT-224 MOUNTING F/C-ACB " 1.50
MG-149F INVERTER " 14.95
MC-203 SHAFT COUPLING "T" " 1.00
MC-136 SHAFT " RT/ANGLE " 2.50
BK-22 RELAY JUNCTION BOX " 2.95
MC-124 FLEXIBLE SHAFT 2 FT. " 1.50
CD-365 CABLE FOR LOOP 5 FT. " 2.75
PL-122 CONNECTOR PLUG FOR RECEIVER " 2.50
PL-112 " " " LOOP " 2.50
PL-118 " " " 1-81 OR 1-82 " 2.50

BC 433

COMPASS RECEIVER ADF SAME AS R-5/ARN-7 RECEIVER SHOWN AND DESCRIBED ABOVE ONLY COVERS THE FREQUENCY RANGE OF 200 TO 1700 KC AND USES ALL THE SAME ACCESSORIES WITH THE EXCEPTION OF THE CONTROL BOX WHICH IS BC-434A PRICED AT \$3.95 USED.
BC-433 RECEIVER ONLY, WITH TUBES USED \$12.95

MN-20C MANUAL ROTATABLE LOOP ANTENNA USED WITH RA-10DB & MN-26 RECEIVERS AS A DIRECTION FINDING ANTENNA IN THE 150 TO 1500 KC RANGE. 7 LBS
MC-124 FLEXIBLE SHAFT FOR USE WITH LOOP 10 FT. \$1.95
AC-58267-2 CABLE 5 WIRE SHIELDED FOR ANTENNA CONNECTIONS. 8 FT. PLUG ONE END ONLY. \$1.95



MN-52 AZIMUTH CONTROL FOR MANUAL TURNING OF LOOP WITH CRANK AND BY USE OF FLEXIBLE SHAFT, HAS 0-360 DIAL, GRAIN OF WHEAT LAMP SWITCH & CRANK. USED \$1.95 N. \$2.95

MN-26 C RADIO RECEIVER

FOR AIRCRAFT OR MARINE USE CAN ALSO BE USED FOR HOME USE FOR WEATHER REPORTS. FREQUENCY COVERAGE 150 TO 1500 KC IN TWO BANDS. ELECT



BAND CHANGE, CONTINUOUS TUNING FROM MN-28C REMOTE CONTROL BOX. COMPLETE WITH 24 VOLT DC DYNAMOTOR, TUBES, 5/6K7, 2/6N7, 1/6B8, 1/6F6, 1/6L7, 2/6J5 ALL USED
REC. SIZE: 12x6x16. WT: 37.5
PRICES: MN-26C RECEIVER ONLY USED \$9.95

SEE BELOW FOR ADDITIONAL ITEMS

MN-26LB RADIO RECEIVER FREQUENCY COVERAGE 200-410, 550-1200 KC AND 2.9 TO 6.0 MC IN THREE BANDS. SAME AS MN-26C ABOVE EXCEPT FOR FREQ. COVERAGE AND TUBE LINE UP, 5/6K7, 2/6N7, 1/6L7, 2/6B8 & 1/6F6. COMPLETE WITH 24 VOLT DYNAMOTOR & TUBES. USED CONDITION
PRICES: MN-26LB RECEIVER ONLY USED \$9.95


SEE BELOW FOR ADDITIONAL ITEMS

BC 348 RECEIVER



BC-348() RECEIVER AM 6 BANDS 200-500 KC. & 1.5 TO 18 MC. CRYSTAL PHASING, ANTENNA ALIGN, BEAT OSCILLATOR & AUDIO GAIN CONTROLS, VERNIER AND SPEED TUNING, OUTPUT JACKS FOR PHONES & SPEAKER. WITH TUBES 3/6K7, 1/6J7, 1/6C5, 1/6K6, 1/6B8 & 1/6F7. VOLTAGE REQUIRED 24 VOLTS 2 A. & 220 VDC 70 MA. (*) ISSUE THAT IS AVAILABLE SIZE: 18x10x9. WT: 38 LBS. USED \$89.50


Headsets — Telephone Equipment — Microphones — Handsets



HS-33 HEADSET
600 OHM IMPEDANCE
LEATHER HEADBAND
18" CORD W/PL-54
W/RUBBER CUSHIONS

NEW \$6.95
W/CHAMOIS CUSHIONS

NEW \$7.95
AS ILLUSTRATED.




H-63/U HEADSET & BOOM MICROPHONE
600 OHM IMPEDANCE
HEADSET & 100 OHM
MICROPHONE, CARBON
TYPE, MOUNTED ON A
ADJUSTABLE BOOM.
TWO 14" CORDS TER-
MINATE IN 2 & 3
PIN JACKS, USED
CHECKED \$4.95




HS-23 HEADSET
2000 OHM IMPEDANCE
LEATHER HEADBAND
18" CORD W/PL-54
W/RUBBER CUSHIONS
N\$5.95
W/CHAMOIS CUSHIONS
NEW \$6.95



**CHAMOIS
CUSHIONS**
A PAIR
\$1.50



H-58/U HEADSET
HIGH IMPEDANCE
2000 OHMS "Y"
CORD W/PL-55
ADJ. BAND
MFG. MURDOCK
NEW \$2.95



MI-2478-MOD.
LIGHTWEIGHT
SOUNDPOWERED
HEAD-THROATMIC
SET W/72" STRE-
TCHED COILED
CORD, SWITCH &
CONTROL. 2 LBS.
UNUSED \$8.95



H-22/U HANDSET with retractable
Y cord, PL-68 Mic. & PL-55
Phone Plugs. Butterfly
switch. USED \$3.95


TS-13 Handset with Y cord PL-68
Mic. & PL-55 Phone plugs.
USED \$3.95

TS-9 Handset No Plug with
switch &
lugs.
Used \$2.95 New \$3.95



HS-30 HEADSET
250 OHM IMPEDANCE
HEARING AID TYPE
EAR PCS. FIT IN-
SIDE EAR. LIGHT-
WEIGHT HEADBAND,
CORD 9" LG. WITH
SPADE LUGS.
(SEE CD-604 CORD)

USED \$.98




TELEPHONE TRANSMITTER CHEST SET;
150 OHM IMPEDANCE
TRIANGULAR SHAPED
BREASTPLATE, HORN
MOUTHPIECE TYPE#
A-1. NO STRAPS.
WESTERN ELECTRIC
#396A \$1.50



RM-42 CONTROL UNIT USED TO O-
PERATE A RECEIVER & TRANSMITTER
FROM A REMOTE POSITION WITH 2
CHANNEL SELECTION ALSO USED AS
INTER-COM OR CONNECTED TO BE
USED AS TELEPHONE SYSTEM. HAS

MAGNETO HAND CRANK GENERATOR FOR RINGING &
HANDSET WITH PL-204 ALSO 2 TELEPHONE TYPE SW-
ITCHES, 4 PILOT LIGHTS, VC, ON-OFF SW ETC.
REQUIRES WIRES BETWEEN EACH UNIT FOR USE AS
TELEPHONE AND BATTERIES. IN METAL CABINET WITH
SLOPPING FRONT, SIZE 7 1/2 x 8 x 9 WT: 14 LBS.
PRICE: ... \$9.95



RM-52 REMOTE CONTROL UNIT (MACY'S PHONE PATCH)
USED FOR RE-CONTROL OF RADIO SET,
OPERATES FROM 4 FLASHLIGHT BATTERIES.
HAS MULTI-TAP TRANSFORMER, MIC, PHONE
HIGH/LOW IMPEDANCE & JACKS.
BASIC UNIT FOR MAKING MACY'S PATCH.
SIZE: 7 1/2 x 3 1/2 x 5 1/2; WT: 5 LBS.
PRICE: USED \$1.95 NEW \$2.95




**T-26
MICROPHONE**
Carbon w/
switch, chest
straps & 8 FT.
cable.

Used \$1.00 New \$1.75



**T-17
MICROPHONE**
Carbon hand
type with
push switch

RE-COND. \$7.95




RM-53 REMOTE CONTROL UNIT
BASICALLY THE SAME AS RM-52
ONLY IT HAS A 3 POSI-
TION SWITCH AND CORDS
WITH PL-55 AND PL-68
PLUGS.
SIZE: 8 1/2 x 4 1/2 x 4 1/2; 6 LBS
PRICE: USED \$2.95
RE-NEW 3.95



**TELEPHONE EXTENSION
CORD WITH PLUGS.**
25 FT. W/4 PRONG
MALE & FEMALE CON-
NECTIONS. \$2.75

WALL & CORD PLUGS TO FIT, EA \$1.25



**T-56 SOUND POWERED
MICROPHONE 225 OHMS**
PART OF SOUND LOCATING
SET GR-6A. HAS SPIKE
ON DIRECTIONAL PART OF
MIC. FOR PUSHING INTO
GROUND. SIZE: 3 1/2 x 2 1/2 SPIKE 6" WT 1 1/2
STK#2B1656 PRICE: USED \$1.00



**T-45
LIP
MIC**



**VECO-528
HEADSET**
250
OHM

PRICE
\$1.25
RE-NEW
LESS
PHONE
CORD

**DOUBLE WIRE HEADBAND
WITH ONE EAR PIECE
PAD ON OTHER SIDE.**




**T-30
THROAT
MIC.**

Elements
only
\$1.00
a dozen

RM 29 CONTROL

REMOTE CONTROL UNIT USED
FOR CONTROL OF RECEIVER &
TRANSMITTER OR OVER TELE-
PHONE LINES WHEN TWO OR MORE
ARE CONNECTED TO-GETHER BY
WIRE AND WILL OPERATE UP TO
15 MILES. REQUIRES 4 1/2 VOLT
DRY CELL FOR OPERATION.
HAS MAGNETO GENERATOR FOR
RINGING, PATCH CORDS WITH PL-68 & PL-55 PLUGS
RE-COND.

SIZE: 9x6x5; WT: RM-29 14 LBS. W/HANDSET 16 LBS
PRICES: RM-29 REMOTE CONTROL UNIT ONLY \$6.50
RM-29 WITH HANDSET \$9.50
RM-29 WITH HANDSET & HOLDER, NOT MOUNTED 9.95



T-45 MICROPHONE
CARBON TYPE 100OHM
50DB BELOW 1 MILL-
VOLT, FLAT RESPONS
WITH PL-291 2 CONT
MALE PLUG, 11" CORD
USED 75¢




**CD-307 CORD EXTEN-
SION FOR CORDS WIT
PL-54 PLUG AS USED
ON HEADSETS, 65" LG
WITH JK-26 JACK &
PL-55 PLUG.**
USED \$1.00

T-30 MICROPHONE
CARBON TYPE, 75 OHM
50DB BELOW 1 MILL-
IVOLT, FLAT RESPONS
WITH PL-291 2 CONT
MALE PLUG, 11" CORD
PRICE: USED 3 \$1
UNUSED \$.75



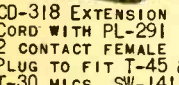
**CD-318 EXTENSION
CORD WITH PL-291
2 CONTACT FEMALE
PLUG TO FIT T-45 &
T-30 MICS. SW-141
SWITCH & PL-68 MIC
PLUG ON 7 FT. CORD
USED \$1.00**



**CD-604 CORD WITH
IMPEDANCE MATCHING
TRANSFORMER 500OHM
TO 4000, USED WITH
HS-30 HEADSET, 6"
CORD & PL-54 PLUG.
NEW 50¢ USED 25¢**




**BRUSH
CRYSTAL
HEADPHONE
ELEMENT
W/RUBBER EAR
PADS LIGHTWEIGHT
BJ#F6#2 \$1.00 EA.**



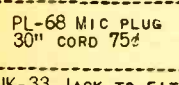
**JK-33 JACK TO FIT
60 MIC. PLUG.
USED 6 FOR 50¢**



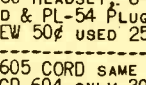
**CD-605 CORD SAME
AS CD-604 ONLY 30"
LG. WITH PL-55 PLG
USED \$1.00**



**MICROPHONE
BUTTON
CARBON
50 OHM**
WILL REPL-
ACE F-1 ELEMENTS.
#K-53-0654 \$1.00



**PL-68 MIC PLUG
30" CORD 75¢**



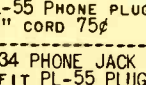
**JK-34 PHONE JACK
TO FIT PL-55 PLUG
USED 6 FOR 50¢**



**SOUND
POWERED
MICROPHONE
IN PLASTIC
CASE, PUSH
TO TALK
NO CORD
#5016 USED \$1.50**




**COILED
CORD SET**



**MC-385
HIGH TO LOW
ADAPTER**

IMPEDANCE
FOR HEADSET
4000-6000OHM
USED \$.50
NEW \$.75

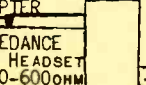


**SOUND
POWERED
HEADPHONE
IN PLASTIC
CASE, NO
CORD.
#R5017 USED \$1.50**


COILED CORD SETS

THREE CONDUCTOR
12" TO 72" 75¢
24" TO 36" 50¢

FOUR CONDUCTOR
12" TO 36" \$1.00



**HEADSET
EARPHONE
CUSHIONS
SPONGE
RUBBER FOR
2 1/2" ELEMENTS.
#48514 \$1.00 PAIR**



**HEADSET
EARPHONE
CUSHIONS
SPONGE
RUBBER FOR
2 1/2" ELEMENTS.
#48514 \$1.00 PAIR**



**R-15 PHONE ELE-
MENT 6000 OHM
W/RUBBER CUSH-
ION F/2" HEAD-
BAND MFG.**

\$1.25



**PHONE ELEMENT
F/TS-9K HANDSET
250 OHM, 2 1/2" DIA
1 1/2" CLIPS.
K.S #838**

\$1.00



**CANADIAN PHONE
ELEMENT 100 OHM
2" HEADBAND.
#C-3 10A/36988**

\$.75



**PHONE ELEMENT
F/TS-13, H-23 ET
HANDSET, TYPE 41
3500 OHM, AUTO.
ELEC. D-5189A**

\$1.00



**CANADIAN
LIGHTWEIGHT
HANDSET
NO CORD
PHONE 300 O
MIC. 50 OHM
#ITE NOI
MK-11
YA-7225**

6 oz. \$3.95



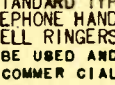
**CANADIAN MICRO-
PHONE W/ SWITCH
& CORD FOR ABOV
PHONE, MAGNETIC
300 OHM, #10A/12
57L**

\$1.25



**STANDARD TYPE
TELEPHONE HANDSET
& BELL RINGERS
CAN BE USED AND
ANY COMMERCIAL
TELEPHONE LINE OR
OR SYSTEMS ON THIS
PAGE.**

PRICE: \$6.95
EX-CONDITION



**STANDARD
TELEPHONE
HANDSET & CORD**


PRICE: \$4.95
EX-CONDITION



**TELEPHONE BELL FOR MAG-
NETO GENERATORS
1 1/2 x 3
MC-131
\$1.25**



**HANDSET HOLDER FOR
HORIZONTAL
MOUNTING, SIZE
1 1/2 x 3 1/2 #6988
\$.50**



**TELEPHONE BELL FOR MAG-
NETO GENERATORS
1 1/2 x 3
MC-131
\$1.25**



**PUSH BUTTON & CALL
SIGNAL LIGHT SAME
SIZE AS TELEPHONE
DIAL.
MAKE OWN
INTERCOM.
\$3.99 EA.
3/\$1.00**


TELEPHONE WIRE

**TWO CONDUCTOR OUTDOOR
7 STRANDES COPPER WELD
NEW MANUFACTURE WD-7**


PRICE PER FOOT \$.02 1/2
2500 FOOT REELS 39.00
5000 " " 75.00



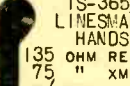
**T-24/M CARBON MICROPHONE
WITH PUSH TO TALK
BUTTON AND
MODIFIED WITH
4 FT. COILED
CORD & PL-68
PLUG. WT: 1 LB. PRICE: NEW \$4.95**



**R-14 SPEAKER; 1000
OHM EAR PHONE ELE-
MENT IN 3" METAL
CASE WITH PL-54 PLUG
& CORD CALLED MINE DETECTOR RESON-
ATOR. # 2B2156 PRICE: \$1.00**



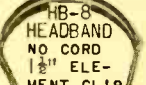
**SHURE CONTROLLED
MAGNETIC MICROPHONE
HIGH-IMPACT ARMY DUF
CASE. IMPEDANCE
1500 OHM; 50 DB OR
OR BETTER; 15 FOOT
CABLE WITH 4 PRONG AMPHENOL PLUG,
& EASY HOLD PUSH TO TALK SWITCH.
SHURE MODEL #CRM; WT: 2LBS.
PRICE: NEW \$9.95**



**TS-365/GT
LINESMAN'S
HANDSET
135 OHM REC.
75 " XMTR.
W/SWITCH, CORD
& CLIPS.**

**SOUND
POWERED
HANDSET
WITH COILED
CORD 1-4'
STK#D173012
NEW \$7.95**

ALL METAL
USED \$3.95



**HB-8
HEADBAND
NO CORD
1 1/2" ELE-
MENT CLIP
\$1.00**

TELEPHONE EQUIPMENT

EE-8 FIELD TELEPHONE, PORTABLE HAND RINGING TYPE. CAN BE USED WITH ANY MAGNETO TYPE SYSTEM SWITCHBOARD AS BD-71, 72, 89, 91, 96 ETC. OPERATES FROM 2 FLASHLIGHT BATTERY UP 17 MILES, TWO OR MORE PHONES CAN BE OPERATED ON TWO WIRE LINE. WITH CARRING CASE, STRAP & HANDSET.

SIZE: 8x10x3 1/2; WT: 18 LBS.
USED CHECKED LESS BATT. \$12.95

BD-71 SWITCHBOARD, PORTABLE 6 LINE HAND RINGING MAGNETO TYPE USING FLASHLIGHT BATTERIES FOR OPERATION. REPEATING COILS ON TWO LINES FOR SIMPLEXING, DROP SIGNAL AND NIGHT CALL BELL CAN BE USED WITH ANY MAGNETO TYPE PHONES SUCH AS EE-8, RM-29, BD-72, 89, 91, 96 ETC. IDEAL FOR FACTORY, CAMP, FARM, MOTEL..

WITH CHESTSET MICROPHONE & HEADSET. LESS BATTERY SIZE: 18x12 1/2x14; WT: 75 LBS. USED \$9.95 RE-NEW \$14.95

BD-72 SWITCHBOARD 12 LINE UNIT OTHERWISE THE SAME AS BD-71. 30x12 1/2x14; 125 LBS. USED \$18.95 RE-NEW \$24.95

BD-89 SWITCHBOARD, SINGLE POSITION, TWO PANEL NON-MULTIPLE, MANUALLY OPERATED TELEPHONE SWITCHBOARD. MAGNETO & COMMON BATTERY LINES. 20 MAGNETO, 40 CB, 4 TWO WAY MANUAL, DIAL DROP END TRUNK CKT, 5 CONFERENCE JACKS, 3 OUTGOING CKT., 2 THRU-LINE & 13 UNIVERSAL CORD CKT. WITH CHEST MICROPHONE & HEADSET. SIZE: 52x22x31; WT: 300 LBS. USED \$59.50 RE-COND. \$79.50

BD-91 SWITCHBOARD, SINGLE POSITION MANUALLY OPERATED FOR SERVING MAGNETO LINES, TWO-WAY TRUNKS AND TIE LINES. RING-DOWN TRUNKS ARE PROVIDED FOR CONNECTION TO MANUAL COMMON BATT. OR DIAL SYSTEMS. DROP SIGNAL FOR INCOMING & RECALL. 20 MAGNETO, 4 UNIVERSAL, 8 CORD, 1 DIAL, 4 CONF. JACKS & 1 OPERATOR. USES DRY CELLS FOR OPERATION.

SIZE 16x16x42 SET-UP; WT: 200 LBS. \$29.50

BD-95 SWITCHBOARD: CORDLESS LOCAL BATTERY UNIT EQUIPPED WITH LINE LAMP SUPERVISION AND DESIGNED FOR SWITCHING LOCAL BATTERY LINES MAGNETO TYPE, MAY BE MODIFIED FOR COMMON BATTERY LINES ALSO CAN BE USED WITH OTHER TRUNK, TIE LINE LOCAL BATTERY SWITCHBOARDS.

RE-NEW \$24.95

SIZE: 22x14x14; WT: 250 LBS. PRICE: \$24.95

RE-NEW \$24.95

PRICE: RE-NEW, CHECKED \$24.95

PRICE: USED \$19.95 NOT CHECKED \$14.95

PRICE: USED \$12.95

F-56 FAIRCHILD AIRCRAFT CAMERA

DESIGNED AS A RECORD-TYPE, QUICKWIND, AUTOMATIC CAMERA WHICH IS EQUALLY ADAPTABLE TO OBLIQUE SPOTTING & VERTICAL MAPPING. IT CAN BE OPERATED MANUALLY OR ELECTRICALLY 24 VOLT DC. FOCAL LENGTH 20", SHUTTER SPEEDS 1/35, 1/50, 1/100 & 1/150 DIAPHRAGM STOPS 5.6, 8, 11, 16, & 22. THE MAGAZINE USES UP TO 125 FT OF FILM 7" WIDE AND WILL GIVE APPROX. 200 NEGATIVES, 6-5/8"x7". DETACHABLE FILTERS ARE PROVIDED ALSO SPARE REELS, INTERVALOMETER FOR AUTOMATIC OPERATION & CABLES FOR ELECTRIC OPERATION. CONSISTS OF UNUSED CAMERA, REELS, TRUNK, CABLES INTERVALOMETER AND MANUAL. THIS AT ALL \$75.00

HYDROPHONE

MAGNETOSTRICTION TYPE UNIT 20 KC RESONANT FREQUENCY. THIS IS A STANDARD SECTION OF A ASSY. AS USED IN AN/SQS-10 EQUIPMENT. (HYDROPHONE IS A TYPE MICROPHONE DESIGNED TO BE ACTUATED BY WATER BORNE SOUND WAVES AND MAGNETOSTRICTION IS THE CHANGE IN THE DIMENSIONS OF A FERRE MAGNETIC OBJECT WHEN PLACED IN A MAGNETIC FIELD. SIZE: 3 1/2x5 1/2; WT: 3 LBS. STK#875446 Y-901 PRICE: NEW \$4.95

CN-359/GPA-23 REGULATOR VOLTAGE. 120/208 VOLTS 60 CYCLE, 3 PHASE, 27 KVA. MOTOR DRIVEN POWERSTAT ELECTRONICLY CONTROLLED. THREE SEPARATE SYSTEMS THAT WILL GIVE CONTROL, 3 PHASE IN, 3 PHASE OUT OR 3 PHASE IN, SINGLE PHASE OUT OR CAN BE DISMANTLED AND HAVE THREE SEPARATE SINGLE PHASE IN AND SINGLE PHASE OUT. CONSISTS OF 3 MOTORIZED POWERSTAT TRANSFORMERS 3 LOW VOLTAGE TRANS. 3 ELECTRONIC CONTROL CHASSIS, SWITCHES, FUSES, METER ETC. USED \$150.00 SIZE: 27x31x26; WT. SHPG. 420 LB. NEW 195.00

VOLTAGE REGULATOR

120 VOLTS 60 CYCLE SINGLE PHASE, 3 KVA. ONE SECTION REMOVED FROM THE ABOVE 3 PHASE UNIT. METER, SWITCHES, FUSES ETC. WILL HAVE TO BE ADDED, DIAGRAMS FURNISHED. ELECTRONIC VOLTAGE REGULATION, JUST SET THE VOLTAGE UNDER LOAD AND IT WILL REMAIN CONSTANT. CONSISTS OF MOTORIZED POWERSTAT TRANSFORMER, LOW VOLTAGE TRANSFORMER & ELECTRONIC REGULATOR CHASSIS SHPG. WT: 125 LBS. PRICE, AS DESCRIBED \$49.95

WIRE RECORDER

RD-15A/ANQ-1A C-260A/ANQ-1A MX-303A/ANQ-1A WIRE RECORDER 3" DIA. REEL 0.006 DIA. WIRE, ONE INPUT CHANNEL, 600 OHMS IMPEDANCE; 290 RPM RECORDING SPEED; 300 TO 3500 CYC. PER SEC. FREQUENCY RESPONSE. OPERATES FROM 26.5 VOLTS D.C WITH TUBE 28D7, MAGAZINE MX303A/ANQ-1 WITH WIRE FOR 60 MIN. & C-260A/ANQ-1A CONTROL BOX. USED IN AIRCRAFT FOR RECORDING MESSAGES. SIZE: 10 1/2x6x8, CONT. 3x6x2 1/2. WT: 15 LBS. PRICE: USED EXCELLENT, \$9.95 CONNECTOR PLUGS THREE REQUIRED...EACH...\$1.50

RD-142/UPN SOUND RECORDER-REPRODUCER IS A 24 HOUR 2 CHANNEL MAGNETIC TAPE RECORDER AND PLAYBACK UNIT DESIGNED FOR CONTINUOUS RECORDING. MAY BE USED TO RECORD ON ONE OR TWO CHANNELS OR BOTH CHANNELS AT THE SAME TIME ON 7 INCH REEL 2 INCH TAPE. PLAYBACK OF EITHER OR BOTH CHANNELS THROUGH THE SELF CONTAINED LOUD SPEAKER OR THRU PLUG IN HEADSET. OPERATES FROM 115 VOLT 60 CYCLE. WITH TUBES. CONDITION USED, NOT CHECKED FOR OPERATION, UNITS MAY NEED TO BE ADJUSTED AND HEADS DE-MAGNETIZED. SIZE: 19 1/2" RACK MTC. 10 1/2" x 15; WT: 100 LBS. PRICE: USED \$49.50

RADIOSONDE

AN/AMT-2 RADIOSONDE, 403 MC FM. A SINGLE PACKAGE INSTRUMENT WHICH CARRIED BY A FREE BALLOON, IS USED TO TRANSMIT METEOROLOGICAL INFORMATION TO A GROUND STATION. THE FREQUENCY MODULATION IS CONTROLLED BY A SENSOR MECHANISM CONTAINING ELEMENTS CONTROLLED BY PRESSURE, TEMPERATURE AND HUMIDITY TOGETHER WITH A COMMUTATOR ARRANGEMENT WHICH SET UP A SEQUENCE OF SIGNALS. USES 2 TUBES AND REQUIRES 1.5, 6 & 115 VDC FOR OPERATION. W/TUBES, LESS BATTERY SIZE: 4 1/2x6x6 1/2. WT: 1 1/2 LBS BATTERY PRICE: NEW \$2.95 EACH, 2 FOR \$5.00

BC-1253 RADIOSONDE TRANSMITTER OPERATES AT 397 MC; SENDING A CONSTANT SIGNAL TO BE RECEIVED BY RADIO DIRECTION FINDER, WHILE BEING CARRIED IN THE ATMOSPHERE BY A FREE BALLOON. COMPLETE WITH ONE 955 ACORN TUBE. REQUIRES 1.5, 6 & 115 VOL BATTERIES. SIZE: 3x5x6 1/2; WT: 8 OZ. PRICE: NEW \$5.95 2 FOR \$1.00

PC-1093 INDICATOR FOR RADAR SET SCR-717, WITH 5F7 C.R TUBE, CENTERING, BRILLIANCE FOCUS AND RANGE CONTROLS. ALSO CABLING. SIZE: 6x6x14; WT: 18 LBS. NEW \$4.95

ID-11/APS-4 INDICATOR 3FP7 & 2/6J6 \$6.95

DRONE RECEIVER

FREQUENCY RANGE OF 57 TO 76 MC. WITH CHOICE OF FIVE DIFFERENT TONE CIRCUITS THAT OPERATE FIVE SERVO CIRCUITS WHICH ARE CONTROLLED BY SEALED MICRO-RELAYS IN INDIVIDUAL LC CIRCUITS. TONE FREQ. 300, 650, 955, 1390 & 1250. COMPLETE WITH TUBES 1/12AU7, 2/6AK6, 1/0A2, 28VDC VIBRATOR SUPPLY. PHOTO SHOWS SEALED COVER REMOVED. SIZE: 5 1/2x8. WT: 6 LBS. PRICE: UNUSED \$9.95 CONNECTOR PLUGS TO FIT UNIT, 4 REQ. EA. \$1.50

ANGULAR RATE CONTROL PART OF AUTOMATIC PILOT B-1. CONSISTS OF 3 SEPARATE PLUG IN GYROS NAMELY ROLL PITCH & YAW, SIZE 4x4x5. ALSO CONTAINS RECTIFIERS, TRANSFORMERS, CONDENSERS, RESISTORS, CONTROLS ETC. STK#1JD405-65. SIZE: 10x11 1/2x7 1/2; WT: 25 LBS. PRICE: USED \$12.95

GYRO VERTICAL CONTROL ASSEMBLY TYPE 314625; OPERATES FROM 115V 400 CYCLE 3 PHASE, WILL OPERATE FROM APPROX. 50 VOLTS 60 CYCLE WITH A 20 MFD. CAPACITOR IN THE CIRCUIT. THIS IS A PRECISION UNIT THAT WAS USED IN AIRCRAFT TO CONTROL CHANGES IN ALTITUDE ABOUT PITCH AND ROLL AXES OF AN AIRBORNE VEHICLE. SENSITIVITY IS OBTAINED BY MOUNTING THE GYRO WITH THE SPIN AXIS VERTICAL. THE ELECTRICAL CHANGES ARE THEN FED TO THE STABILIZING EQUIPMENT. SIZE: 5 1/2x7x8. WT: 8 LBS. PRICE USED \$3.95

SOUND RECORDER, ELECTRIC-MAGNETIC TYPE USING STANDARD DICTAPHONE WAX CYLINDER AMPLIFIER OUTPUT APPROX. 2 WATTS, RECORDING SPEED 96 TO 100 RPM DOUBLE MAN DREL, CONTINUOUS RECORDING, AUTOMATIC CHANGE-OVER, REPLACEABLE STYLUS. OPERATES FROM 115 VOLT 60 CYCLE. FLOOR CABINET 15 1/2x15 1/2x32. LESS MICROPHONE, HEADSET, RECORDING CYLINDERS & CABLES. SHIPPING WT: 100 LBS. DICTAPHONE #142 \$9.95

GUN SIGHT

K-14 GUN SIGHT, SIGHTING HEAD. ILLUMINATED UNIT WITH TWO 2" 8X POWER LENSES, 1/2" REFLECTING MIRROR, WORM GEAR ADJUSTING LIGHT SHUTTER, TWO AUTOSYN MOTORS CONNECTED BY A SPRING BELT AND TWO MIRRORS MOUNTED ON SHAFTS. SIZE: 9x5x5 1/2; WT: 10 LBS. PRICE: USED \$2.95

INVERTERS



INPUT: 27.5 VDC 150 AMP.
OUTPUT: 115 VAC 2500 VA
400 CYC 1 PHASE
SIZE: 15 x 11 1/2 x 8 WT 58 LBS.
P/N13-2500-3
PRICE: UNUSED \$24.95

JACK & HEINTZ F-45-3
INPUT: 27.5 VDC 150 AMP.
OUTPUT: 115/200 V. 400 cyc
1/3 PHASE, 2250/2500 VA
SIZE: 19x11x8; WT: 75 LBS.
PRICE: USED \$49.50



MG-149F INVERTER

INPUT: 24 VDC 36 AMPS.
750 VA
OUTPUT: 115 V 400 CYCLE
1 PHASE 500 VA
26 V 400 CYCLE
1 PHASE 250 VA
SIZE: 12 x 7 1/2 x 8, WT: 21 LB.
PRICE: USED \$14.95

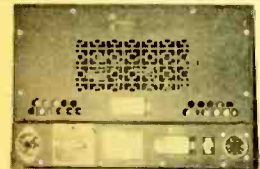
CONNECTOR PLUG TO FIT \$1.50



RA-87 AC RECTIFIER

Selenium type rectifier use with teletype printers operates from 115/230 volts 50-60 cycle output 115 volts DC .400 amps & 110 volt 50 - 60 cycle. Size 14 1/2 x 7 1/2 x 8 WT. 43 lbs.

NEW \$8.95



RA-62 AC POWER SUPPLY

Power Supply used with SCR-522 Transmitter-Receiver supplies all the necessary voltages.
INPUT: 115/230 60 cycle
OUTPUT: 300 VDC 230 MA.
-150 VDC 8 MA.
13 VDC 3.9 AMPS.
Completely fused & filtered.
Size 16 x 11 1/2 x 11 WT. 75 lbs.
PRICE: USED CHECKED \$59.50



G-24 AC & DC GENERATOR

OUTPUT
115 VAC 800 CYCLE 10.5 A.
28 VDC 60 AMP. @ 2400 RPM.
SPLINE SHAFT SIZE 7/8 x 1 1/2
SIZE: 6 1/2 x 7 1/2 x 13; WT: 45 LBS.
RE-COND. \$19.95



D.C AIRCRAFT MOTOR
GE# 58A50LJ29- HP .4
RPM 3000 ARM.V 60 FLD.V 27
AMPS. FLD. 2.3, ARM. 6.5
DUTY 10 MIN. INT. AT FULL
RATING.
SHAFT, CORK SCREW 5/8" DIA.
FLANGE MTG. 3/8 IN CNTS.
SIZE 6 1/2" LESS SHAFT x 4 1/2 x 4 1/2
WT: 11 LBS. UNUSED \$4.95



AIRCRAFT MOTOR
MAXSON MODEL 118 H.P. 1
RPM 5800; 24 VOLTS DC
55 AMPS., SPLIT FIELD,
REVERSIBLE SHUNT, DOUBLE
END SHAFTS WITH GEAR 1/2"
1/3-8", FLANGE MTG. 3/8" CT.
SIZE: 6 1/2 x 4 1/2 x 4 1/2; 15 LBS.
UNUSED \$4.95

ELECT. ENG. MFG.
TYPE C-368, 26VDC
35 AMPS. 600 WAT
1/2 HP, APP. 3000
RPM. VERT. KEVED
SHAFT 3/8" DIA. 3/16 SLOT.
FL. MTG. 3/8" CT. 7" LG. \$4.95

INVERTER
INPUT 27.5VDC 60A
OUTPUT 115 v 400 CY
750 W 3 PHASE
26 v 400 CY
50 W 1 PHASE
SIZE 11x10x6; WT: 40 LBS.
LELAND#10285 USED \$34.95

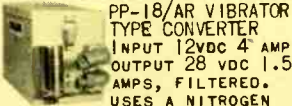
INVERTER
INPUT 27 1/2 VDC 22A
OUTPUT 115V 400 CY
3 PH 250 VA
SIZE 9x6x4; WT: 15 LBS.
ECLIPSE#E-1617-1 USED \$19.5



VIBRATOR POWER SUPPLY
TWO 6 VOLT SUPPLIES ON A
COMMON CHASSIS USING OZ4
RECTIFIER TUBES, OUTPUT 540
VDC @ 150 MA. CAN BE TAPPED
AT 270 VDC 150 MA.
SIZE: 9x6x5; WT: 10 LBS.
STK#3H6694-5 UNUSED \$9.95



MINI VIBRATOR SUPPLY
PP-855/PRC-14, AIRPAX No.
A-1063, VIBRATOR TYPE WITH
FILTER NETWORK, INPUT 6VDC
5.35 AMPS. OUTPUT 135 VDC
155 MA. VIBRATOR MOUNTS
OF UNIT. 7 1/2 x 2 1/2 x 2 1/2; WT: 3 LB
NEW \$4.95



PP-18/AR VIBRATOR
TYPE CONVERTER
INPUT 12VDC 4 AMP
OUTPUT 28 VDC 1.5
AMPS, FILTERED.
USES A NITROGEN
SEALED VIBRATOR. USED TO OP
ERATE 28 VOLT EQUIPMENT FRO
12 VOLTS. TWO OR MORE CAN
BE WIRED IN PARALLEL TO OB
TAIN A HIGHER CURRENT OUTP
UT. WITH PLUGS, MTG & SPARI
VIBRATOR. 6 1/2 x 5 1/2 x 8 1/2; WT: 9 LBS.
NEW \$7.95 USED \$4.95

FT-498 SHOCK
MOUNTING WITH
FOUR 10 LB.
RUBBER MOUNTS ON A ALUMINUM
PLATE 13x8x1 1/2; WT: 2 LBS.
PRICE: \$1.00

VOLTAGE REGULATOR
INPUT 21-30 V.D.C
5 AMPS. REGULATION
18-30 vdc #45M281
SIZE: 4x3; 3LBS.
\$1.50

PI GENERATOR

OUTPUT: 28 VDC 200 AMPS.
2500 TO 6000 RPM.
SPLINED SHAFT 7/8 x 1 1/2;
SIZE 6x8x14 1/2; WT: 48 LBS.
PRICE: USED \$19.95

12 VOLT GENERATOR
50 AMPS. 38 LBS
SIZE 9x6x6
SHAFT 3/4x2
KEYED & NUT
DELCO#110646
PRICE: NEW \$9.95

PE-115 PHILCO
INVERTER 28VDC
36 AMP. INPUT
OUTPUT 90 VOLT
800 CYCLE 7.2
AMP. (NO VOLT
AGE REGULATOR
11x10x7; 40LBS
USED \$12.95

GENERATOR GAEN-211219C
OUTPUT: 12.5 VDC 4 AMPS.
240 VDC 100 MA.
INPUT DRIVE: 3/16 HP.
3450 RPM.
SHAFT SIZE: 3/8 x 1 1/2
MOTOR SIZE: 5 x 6 x 9 WT. 25 lbs.
Used: \$4.95 New \$6.95

DY-85 DYNAMOTOR VRC-2X
INPUT: 24 VDC 8 AMP.
OUTPUT: 600 VDC 175 MA.
SIZE: 7x4x4 1/2; WT: 10 LBS.
PRICE: NEW \$3.95

INVERTERS

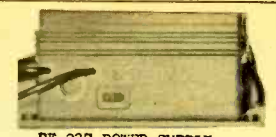
ECLIPSE No. 12119-1-B
INPUT: 14 VDC 2 AMP.
OUTPUT: 26 VOLT 400 cyc. 6 VA
INVERTER SIZE 4x2 1/2 x 3 1/2
OVERALL " 8x5x4; 4LBS.
PRICE: NEW \$6.95

PU-16 INVERTER
INPUT: 28 VDC 60 AMPS.
OUTPUT: 115 VAC 6.5 AMPS.
400 CYCLE 1 PHASE
Used: \$18.95
Size: 7 x 15 x 9 WT. 38 lbs.

5D21NJ3A INVERTER
INPUT: 27 VDC 35 AMPS.
OUTPUT: 115 VAC 2.17 AMPS.
400 CYCLE 1 Phase.
Used: \$14.95 Unused \$24.95
Size: 9 x 6 1/2 x 5 1/2 WT. 20 lbs.

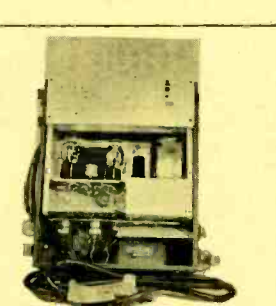
INVERTER
800-1-A
WT. 35 lbs.
Size 4 1/2 x 8 x 12

INPUT: 24 VDC 75 AMPS.
OUTPUT: 115 VAC 800 CYCLE
1 Phase 10.5 AMPS.
USED \$12.95



PE-237 POWER SUPPLY
VIBRATOR TYPE
INPUT: 6 VDC 27 AMPS.
12 VDC 13.2 "
24 VDC 7 "
OUTPUT: 525 VDC 90 MA.
105 VDC 42 MA.
6.5 VDC 2 AMPS.
6 VDC 500 MA.
1.3 VDC 450 MA.
130 VDC 17 MA.
With tubes & vibrator.
Size 10 x 10 x 17 WT. 70 lbs.
USED \$14.95 RE-NEW \$19.95

MAR MOBILE
MODULATOR &
DYNAMOTOR PS
OPERATES 13VDC
DYNAMOTOR OUTP
UT 385VDC @
500 MA. MODULA
TOR 50 WATTS.
TUBES 2/6L6, 1/
12SL7, W/SEALED
RELAYS, JACKS, SWITCHES ETC.
NO COVER. SIZE: 13x9x15. 25LBS
PRICE: USED \$9.95



PE-120 Power Supply
INPUT: 6 VDC 4.5 AMP.
12 VDC 2.5 AMP.
24 VDC 1.5 AMP.
OUTPUT: 145 VDC 75 MA.
90 VDC 40 MA.
1.5 VDC .75 AMP.
Vibrator type voltage regu
lated complete with tubes
OB-3/VR-105, 1005 & Ballast.
Also vibrator for 12 VDC.
Size 4 1/2 x 13 1/2 x 15 1/2 WT. 29 lbs
RE-NEW \$7.95



VRC-2 DYNAMOTOR
INPUT: 5.5 VDC 31 AMPS
OUTPUT: 600 VDC 175 MA
SIZE 7 x 4 1/2 x 4 1/2 WT: 8 LBS
STK. # 3H1514-5
PRICE RE-NEW \$7.95

PE-104
VIBRATOR
POWER SUPPLY
Used with EC-654
Rec-Trans. Output 84 VDC & 15VDC
Input 6 VDC OR 12 VDC. WT. 8 lbs
size 4x4x7 Price Used \$9.95

GIBSON GIRL HAND CRANK
GENERATOR; OUTPUT 28 VDC
@ 175 MA. AND 300 VDC @
30 MA. WHEN CRANKED @
APPROX. 60 R.P.M. GEAR
RATIO 72-1. #3975-1
SIZE: 7x6x5; WT: 8 lbs.
PRICE: USED \$5.95



Size: 5 x 8 x 12 WT. 35 lbs.
FE-98 DYNAMOTOR
INPUT: 14 VDC 21 AMPS.
OUTPUT: 300 VDC 260 MA.
150 VDC 10 MA.
USED \$5.95 UNUSED \$9.95

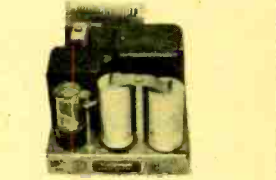
PE-94 DYNAMOTOR
INPUT: 28 VDC 10.5 AMPS.
OUTPUT: 300 VDC 260 MA.
150 VDC 10 MA.
14.5 VDC 5 AMPS.
Used \$4.95



TCS POWER SUPPLY
COLLINS 21881
INPUT: 12 VDC 14.5 AMP.
OUTPUT: 400 VDC 200 MA.
225 VDC 100 MA.
Size: 7 1/2 x 7 x 13 WT. 28 lbs.
RE-COND. \$12.95



DY-17 DYNAMOTOR
INPUT: 27 VDC 32 AMPS
OUTPUT: 400 VDC 750 MA.
750 VDC 350 MA.
USED \$12.95



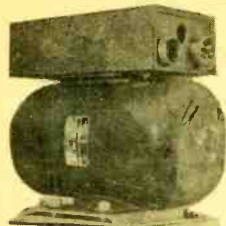
PP-668/U VIBRATOR
POWER SUPPLY
INPUT: 12 DC 2.0 AMP.
OUTPUT: 6.3 AC 1.0 AMP.
6.3 " .45 "
1.4 DC 1.25 "
155 DC 15 MA.
150 DC 5 "
140 DC 50 "
40 DC .5 "
Size: 5x6 1/2 x 7; WT: 12 LBS.
PRICE: USED \$9.95



DY-9B/ARC DYNAMOTOR
INPUT VOLTS AMPS. OUTPUT VOLTS AMPS.
26 4.3 360 cont. 135
26 7.8 310 int. 355
SIZE: 9x5x3 1/2; WT: 10 LBS.
RE-MOVED F/EQUIP. \$9.95



DYNAMOTORS



Size 6½ x 10 x 11 Wt. 38 Lbs.
With fuses and starting relay.

HD-77 DYNAMOTOR

INPUT: 14 VDC 39 AMPS.
OUTPUT: 1000 VDC 350 MA.
used \$12.95

PE-72 DYNAMOTOR

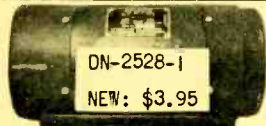
INPUT: 28 VDC 19 AMPS.
OUTPUT: 1000 VDC 350 MA.
used \$12.95



DM-42 DYNAMOTOR
NEW \$3.95

CRACKED BASE
& PLUGS WILL
NOT EFFECT
OPERATION

INPUT: 12 VDC 39 AMPS.
OUTPUT: 515 VDC 215 MA.
" 1030 " 260 MA.
SIZE: 7x7x11 WT: 38 LBS.



DN-2528-1
NEW: \$3.95

INPUT: 27.5 VDC 27 AMPS.
OUTPUT: 1000 VDC 500 MA.
SIZE: 8½x4x4 WT: 13½ LBS.



**PE-98
PE-94
DYNAMOTORS
ONLY**

PE-98 DYNAMOTOR ONLY
INPUT: 14 VDC 21 AMPS.
OUTPUT: 300 VDC 260 MA
-150 VDC 10 MA
SIZE: 12x5x5; WT: 26 LBS.
UNUSED \$5.95

PE-94 DYNAMOTOR ONLY
INPUT: 28 VDC 10.5 AMPS
OUTPUT: 300 VDC 260 MA
-150 VDC 10 MA
4.5 " 5 AMPS
SIZE: 12x5x5; WT: 26 LBS.
UNUSED \$4.95



DA-19A DYNAMOTOR

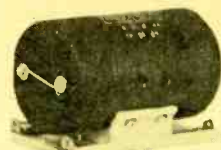
INPUT: 28 vdc 11 AMPS.
OUTPUT: 400 " 400 MA.
SIZE: 7½x4½x4½; WT: 13 LBS
UNUSED \$4.95

BRUSH SETS



DM-21 DM-25 DM-28 DM-32
DM-33 DM-34 DM-35 DM-36
DM-37 DM-40 DM-41 DM-42
DM-43 DM-45 DM-53
BD-83 BD-93 BD-77
PE-73 PE-86
DA-12 DA-14 DA-1A
DY-21 DY-22

35x032
OTHER TYPES ALSO AVAILABLE
SET OF FOUR BRUSHES \$.75



Size 3 x 3½ x 4½, Wt. 3 lbs.

DM-32 DYNAMOTOR

INPUT: 28 VDC 1.1 AMPS.
OUTPUT: 250 VDC 60 MA.
Price: Used \$2.95 New \$4.95

TYPE 35 x 032

(Same as DM-32 only 12V)

INPUT: 14 VDC 2.4 AMPS.
OUTPUT: 250 VDC 60 MA.
Price: New \$4.95

DM-53 AZ DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 VDC 80 MA.
Price: NEW 7.95

DM-53 DYNAMOTOR

INPUT: 28 VDC 1.4 AMPS.
OUTPUT: 220 VDC 80 MA.
NEW \$6.95 USED \$3.95



Size 3 x 3 x 4½, Wt. 3 lbs.

DM-45 DYNAMOTOR

INPUT: 24 VDC 1.1 AMPS.
OUTPUT: 250 VDC 50 MA.
Price: Used \$2.95 New \$4.95

DM-25 DYNAMOTOR

INPUT: 12 VDC 2.2 AMPS.
OUTPUT: 250 VDC 50 MA.
Price: Used \$2.95 New \$4.95



WEST 12B6534 DYNAMOTOR

INPUT: 24 VDC 1.75 AMPS.
OUTPUT: 300 VDC 70 MA.
Price: Used \$2.95 New \$4.95

Size 3 x 3 x 4½. Wt. 3lbs.
Dynamotors listed below
same size only less base.

DM-6936 DYNAMOTOR

INPUT: 28 VDC 1.1 AMPS.
OUTPUT: 250 VDC 60 MA.
Used \$1.95 Unused \$3.95

DMX-310A DYNAMOTOR

INPUT: 12 VDC 2.8 AMPS.
OUTPUT: 150 VDC 100 MA.
Used \$2.95 Unused \$4.95

TYPE 5047 DYNAMOTOR

INPUT: 27 VDC 1.75 AMPS.
OUTPUT: 285 VDC 75 MA.
Used \$3.95 Unused \$5.95

RADIO NOISE
FILTER 100
AMPS. 50 VDC
GE#1C202
SIZE 4x4x2
PRICE: \$.50



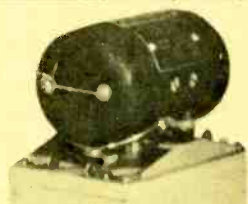
Size 3 x 4½ x 6½. Wt. 5 lbs.

DM-34 DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 VDC 80 MA.
Used \$2.95 Unused \$4.95

DM-36 DYNAMOTOR

INPUT: 28 VDC 1.4 AMPS.
OUTPUT: 220 VDC 80 MA.
Used \$2.95 Unused \$4.95



Size 3½ x 5 x 5½, Wt. 3½ lbs.

PE-86 DYNAMOTOR

INPUT: 28 VDC 1.25 AMPS.
OUTPUT: 250 VDC 60 MA.
PRICE: Used \$2.95 New \$4.95



Size 3½ x 5 x 6½. Wt. 5½ lbs.

DM-28 DYNAMOTOR

INPUT: 27.9 VDC 1.25 AMP
OUTPUT: 220 VDC 70 MA
PRICE: USED \$6.95



D 4C1

INPUT: 12 VDC 9.9 AMP.
OUTPUT: 400 " 180 MA.
SIZE: 4x4½x7; WT: 10 LBS.
PRICE: UNUSED \$6.95

DA 14A SPECIAL WITH BASE

INPUT: 14/28 VDC 3.3/1.6 A
OUTPUT: 230 VDC 100 MA.
SIZE: 3½x3½x6; WT: 6 LBS.
UNUSED \$6.95



**DM-21
DYNA-
MOTOR**

INPUT: 14 VDC 3.3 AMP.
OUTPUT: 235 VDC 90 MA.
SIZE: 6x5x3; WT: 8½ LBS.
PRICE: USED \$4.95 NEW \$6.95



DY-21 DYNAMOTOR

INPUT: 27 VDC 7 A
OUTPUT: 410 " 325 MA.
SIZE: 7½x3x3½; WT: 8½ LB
PRICE: USED \$7.95



Size 4½ x 5½ x 6½. Wt. 10½ lbs.

BD-83 DYNAMOTOR

INPUT: 14 VDC 6.5 AMPS.
OUTPUT: 375 VDC 150 MA.

CW21441 DYNAMOTOR

INPUT: 28 VDC 2.9 AMP
OUTPUT: 330 " 135 MA
NEW \$3.95

DM-416 DYNAMOTOR

INPUT: 28 VDC 3.1 AMPS.
OUTPUT: 330 VDC 470 MA.
Used \$1.95 Unused \$3.95

BD-93 DYNAMOTOR

INPUT: 28 VDC 3.2 AMPS.
OUTPUT: 375 VDC 150 MA.
Used \$2.95 Unused \$4.95



Size 4 x 7 x 6½ Wt. 10½ lbs.

PE-133 DYNAMOTOR

INPUT: 12 VDC 2.3 AMPS.
OUTPUT: 230 VDC 90 MA.
Used \$4.95 Unused \$6.95



Size 5½ x 6 x 8½. Wt. 12½ lbs.

TYPE 377 DYNAMOTOR

INPUT: 14 VDC 8 AMPS.
OUTPUT: 425 VDC 163 MA.
Used \$6.95 Unused \$9.95

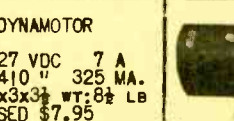


Size 5½ x 3½ x 7. Wt. 7 lbs.

DM-40 DYNAMOTOR

INPUT: 14 VDC 3.4 AMPS.
OUTPUT: 172 VDC 138 MA.
PRICE: USED \$3.95

INPUT: 13/26 vdc 12.6/6.3A
OUTPUT: 400 " 135 MA.
800 " 20
9 v 80 cyc 1.12 amp.
SIZE: 14x4½x7; WT: 15 LBS.
PRICE: NEW \$7.95
CONNECTOR PLUG 1.50



PE-101C



Size 4½ x 4½ x 8½ Wt. 13 lbs.

DM-35 DYNAMOTOR

INPUT: 12.5 VDC 18.7 AMPS.
OUTPUT: 625 VDC 225 MA.

NOT AVAILABLE

DM-37 DYNAMOTOR

INPUT: 25.5 VDC 9.2 AMPS.
OUTPUT: 625 VDC 225 MA.
UNUSED \$4.95



BD-69 DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 " 80 MA.
SIZE: 6½x6x4½; WT: 10 LBS.
UNUSED \$3.95



CAY-21772 DYNAMOTOR
INPUT: 12 VDC 3 AMPS.
OUTPUT: 235 VDC 75 MA.
SIZE: 6½x5x4 w/WTG. 7 LBS.
UNUSED \$4.95



DA 1A

INPUT: 28 VDC 1.6 AMP
OUTPUT: 230 VDC 100 MA
SIZE: 3½x3x5½; WT: 6 LBS.
UNUSED \$4.95



DM-33 DYNAMOTOR

INPUT: 28 VDC 5 AMPS.
OUTPUT: 575 VDC 160 MA.

Size 3½ x 4 x 7½ Wt. 8½ lbs.

DY-22 DYNAMOTOR

INPUT: 28 VDC 1.8 AMPS.
OUTPUT: 210 VDC 125 MA.
Price: Used \$4.95


Size 3½x3½x6½; Wt. 5lbs.



WINCO TYPE 41S6


DUAL OUTPUT
INPUT: 13 vdc 13 A.
OUTPUT: 300 vdc 225 MA
250 " 60 "
SIZE: 8½x4½x4; WT: 10 LB
PRICE: UNUSED \$7.95

AC-DC Motors Hi-Speed Gear Reductions Blowers

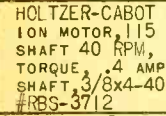


DELCO PM MOTOR 250 RPM #5067127
27 VDC WITH GEAR ATTACHED TO $\frac{1}{2}$ " SHAFT
REMOVABLE MOUNTING, 8 OZ. INCH TORQUE
REMOVED FROM NEW EQUIPMENT.
PRICE \$4.95

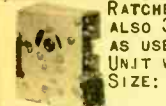
SIZE: $4\frac{1}{2} \times 1\frac{1}{2}$
WT: 8oz. GE SAME AS ABOVE NOT PM #5BA10AJ8D \$3.95




ELECTRIC WINDING TIMER MOTOR 6 VOLT D.C.
WILL MAKE ONE REVOLUTION PER HOUR THEN
AUTOMATICLY REWIND. SHAT SIZE $\frac{5}{8} \times 3/16$
THREADED ALSO HAS A DISC WITH ARM MOUNTED
TO IT. HOUSED IN METAL BOX $3\frac{1}{2} \times 3\frac{1}{2} \times 3$; 1 LB
BORG#D257764 PRICE \$1.50



HOLTZER-CABOT DUAL SPEED GEAR REDUC-
ION MOTOR, 115 V. 60 CYCLE, 1 PHASE, ONE
SHAFT 40 RPM, OTHER 165 RPM 24 OZ. IN
TORQUE, .4 AMP. MOTOR SIZE $4\frac{1}{2} \times 4\frac{1}{2} \times 5\frac{1}{2}$,
SHAFT, $3/8 \times 4-40$ RPM, $1/8 \times 3/8-165$ RPM.
#RBS-3712 \$9.95



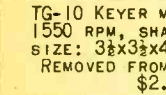
RATCHET MOTOR, 24 VOLT DC 60 RPM CONTINUOUS
ALSO 3 POSITION STOP. BAND SWITCH ASSEMBLY
AS USED IN R-5/ARN-7 COMPASS RECEIVER.
UNIT WILL ALSO OPERATE ON 18 TO 24 VDC.
SIZE: $3 \times 4 \times 1\frac{1}{2}$; WT: $1\frac{1}{2}$ LBS. STK# 609-ARN-7
PRICE: \$1.25




WESTINGHOUSE BUSINESS MACHINE MOTOR 25 MHP
115 VOLTS 50/60 CYCLE .5/4 AMP
TYPE FL 4.0/3.0 MFD. 1425/1725
RPM. SIZE: $4\frac{1}{2} \times 4 \times 4$; WT: 5 LBS.
SHAFT $5/16 \times 2$ FLATENED. FOR USE
IN RUBBER SHOCK MOUNTING BRACKE
PRICE: NEW \$2.95



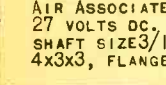
TELETYPE AC #5BA65AA29
95A130 VOLTS 50/60 CYCLE,
1 PHASE, 1/25 HP, 2100RPM,
SERIES WD, .8 AMPS.
COMPLETE WITH FILTER ASSY,
GOVERNOR CONTROL & LIGHT.
MOTOR SIZE $5\frac{1}{2} \times 5 \times 5\frac{1}{2}$, DOUBLE
END SHAFT SIZE $3/8 \times 1\frac{1}{2}$ &
 $3/8 \times 3/4$. TOTAL WT. 15 $\frac{1}{2}$ LBS
REMOVED FORM EQUIPMENT BUT
IN EXCELLENT CONDITION.
PRICE: \$4.95



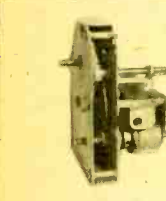
TG-10 KEYER MOTOR, 115 VOLT 60 CYCLE
1550 RPM, SHAFT $1-7/8"$, GEARED TO 80 RPM.
SIZE: $3\frac{1}{2} \times 3\frac{1}{2} \times 4\frac{1}{2}$; WT: 3 LBS. #3H3000-3
REMOVED FROM TG-10 EQUIPMENT
\$2.95




ELECTRO COUNTER & TIMER MOTOR, 115 VOLT
60 CYCLE, 14 RPM, USED TO TURN TUNERS,
HIGH POWER TORQUE, INTERMITTENT OPERATION
SIZE: $3 \times 4 \times 3$; WT: 2 LBS. #MA201752 \$1.50




AIR ASSOCIATES MOTOR EE-763, 1/10 H.P
27 VOLTS DC, 6 AMPS, 3500 RPM.
SHAFT SIZE $3/16 \times 5/8$, MOTOR SIZE
 $4 \times 3 \times 3$, FLANGE MTG. 4 LBS. \$2.95




PM MOTOR ASSEMBLY & GEAR TRAIN
USED IN R-44 RECEIVER FOR REMOTE
TUNING. CONTAINS DELCO PM MOTOR
#5069370, 10,000 RPM ATTACHED TO
A GEAR ASSY. THAT HAS TWO SHAFTS
80 RPM AND IS GEARED TO TWO
SHAFTS WITH $3"$ & $\frac{1}{2}"$ GEARS THAT
THAT TURN AT 40 & 80 RPM. ASSY
SIZE $4\frac{1}{2} \times 6 \times 3$; SHAFT SIZES $\frac{1}{2} \times 3/4$
WT: $3\frac{1}{2}$ LBS. STK.#3H3100-15
PRICE: \$4.95




GENERAL ELECTRIC 58A25DJ300
24 VDC @ 2 AMPS., 4500 RPM, REVER-
SIBLE, GOVERNOR CONTROL MAGNETIC
BRAKE, FLANGE MOUNT, SIZE $2\frac{1}{2} \times 5\frac{1}{2}$;
WT: 3 LBS., SPLINED SHAFT $3/16 \times 7/8$
PRICE: \$2.95




DELCO P.M. MOTOR #5069466, 27.5 VDC
IN ALUMINUM CASE GEARED TO WORM GEAR
MOTOR SIZE $1\frac{1}{2} \times 1\frac{1}{2} \times 2\frac{1}{2}$, 10,000 RPM.
CASE SIZE $2\frac{1}{2} \times 2\frac{1}{2} \times 2$ LESS MTG. SIZE.
WORM GEAR 2000 RPM, WT: 2 LBS.
STK# 3H3100A-1 PRICE: \$2.95




John Oster type C 24A-1B - KS-5829-
OT 27 VDC 1/100 HP 7000 RPM DC
Series Motor 2" D X 3" L. Shaft
 $\frac{1}{2} \times 1$ Wt. 1 lb. Price \$.75




6 VOLT DC MOTOR, REVERSIBLE 1/20 H.P.
SHAFT $\frac{1}{2} \times 3/4$, FRONT END MOUNTING STUDS.
MOTOR SIZE $3\frac{1}{2} \times 3$; WT: 4 LBS. APP 3000 RPM
G16VDC-R PRICE: \$1.25




Windshield Wiper Motor 24VDC. Very power-
ful. May be used wherever an oscillation
motion is desired such as stirring or
agitation. Size $2 \times 3\frac{1}{2} \times 3 \frac{5}{8}$. Shaft ex-
tends out $1\frac{1}{2}"$ from the Motor. Wt. 1 lb.
10 oz. Stock No. 10D24. Price.....\$2.95



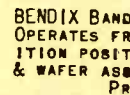
Delco 5069370 27 VDC Reversible PM
Motor and Gear assm. in an Aluminum
case. Output speed is 80 RPM through a
friction clutch to a double shaft $\frac{1}{2} \times$
 $3/4$ on one side, $\frac{1}{2} \times 1\frac{1}{2}$ on the other.
Size complete assm. $3 \frac{5}{8} \times 2 \times 4\frac{1}{2}$
excluding shaft. Has built in noise
filter system. Wt. 1 lb. 5 oz.
Price..... \$ 4.95




Same Motor as used in above
assm. Size $1 \frac{1}{8} \times 1 \frac{1}{2} \times 2\frac{1}{2}$.
Wt. 4 Oz. Price..... \$2.95




Air Associates EE1530 Gear reductor
24 VDC @ .8A. 25 lb. in Torque, 5
RPM Reversible. Size $4\frac{1}{2} \times 3\frac{1}{2} \times 5\frac{1}{2}$.
Keyed Shaft $\frac{1}{2} \times 1 \frac{3}{4}$ with a 4" arm
attached. Wt. 5 lb. Price \$ 4.95




BENDIX BAND CHANGE MOTOR #AC56566-2
OPERATES FROM 28 VDC. THREE POS-
ITION POSITIVE STOP. WITH SWITCHES
& WAFFER ASSY. SIZE: $6 \times 3 \times 2$ WT: 1 LB.
PRICE: \$2.95




DELCO 5069790 PM 100 R.P.M.
27 VDC WITH GEAR ATTACHED TC
 $\frac{1}{2}$ INCH SHAFT $\frac{1}{2}$ INCH LONG.
MOTOR SIZE $1\frac{1}{2} \times 4$, WT: 8 oz.
PRICE: \$3.95




Bendix LM108J 24VDC 1/25 HP 15,000 RPM
Series Motor. Geneva Loc. Actuator. Shaft
rotates $\frac{1}{2}$ revolution and stops and is
locked in place until next contact is
made then the cycle is repeated-time per
cycle app. 3 seconds. Size $4 \times 2\frac{1}{2} \times 5\frac{1}{2}$.
Shaft size $\frac{1}{2} \times 1\frac{1}{2}$. Wt. 1 lb. 14 oz.
Price..... \$ 4.95




General Electric 58A25MJ424 - Type 8A
24 V @ 4.2A 7100 RPM 1/20 HP Flange
mount Motor size $2\frac{1}{2} \times 5"$. Shaft size
 $\frac{1}{2} \times 1$ Wt. $3\frac{1}{2}$ lbs. Price..... \$1.95



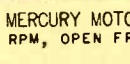
ELECTROLUX MOTOR 28.5 VDC. 1.8 AMPS.
2200 RPM. 1/35 H.P. SHAFT SIZE $1\frac{1}{2} \times \frac{1}{2}$
MOTOR SIZE: $4\frac{1}{2} \times 3\frac{1}{2}$ WT: 5 LBS.
PRICE: \$3.95




Air Associates EE1220M1-Gear Red-
uction. Either end or Base Mount.
27V @ 1.75A-1/75 HP 960 RPM with
Governor control. Size $2\frac{1}{2} \times 3 \frac{1}{4}$
 $\times 5\frac{1}{2}$. Shaft $\frac{1}{2} \times 3/8$. Wt. 1 lb.
12 oz. Price..... \$3.95



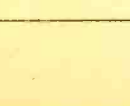
ELECTRIC MOTOR CORP TYPE 300, 45 VOLTS
A.C. 60 cyc. 6 $\frac{1}{2}$ RPM. VAC CONT. 110 V INT
LIGHT DUTY. OPEN FRAM
5x2x1 $\frac{1}{2}$; SHAFT 3/16x
1; 1 LB. \$1.00



MOLOM MOTOR V-1005
APPROX. 10 RPM, 85
VAC CONT. 110 V INT
ERMITTENT, GOOD TOR-
QUE. SIZE $4 \times 3 \times 3$; 1LB
SHAFT $5/16 \times 1\frac{1}{2}$. \$1.00




MERCURY MOTOR 8100, 115 VOLT 60 CYCLE, 1750
RPM, OPEN FRAME $3 \times 2\frac{1}{2} \times 2$, SHAFT $\frac{1}{2} \times 1\frac{1}{2}$, WT: 1 LB.
PRICE: \$1.00




John Oster Shunt Motor B-9-1 27 $\frac{1}{2}$ VDC
@ .7A. 5600 RPM. Aluminum Cased Motor
and Gear assm. Motor is flange mount-
ed to the Gear case. 2 gear reductions
22 and 5 $\frac{1}{2}$ RPM on $\frac{1}{2} \times 1\frac{1}{2}$ shafts. Size
 $2 \frac{3}{4} \times 3 \times 7"$. Wt. 1 lb. 14 oz.
Price..... \$1.00




ART-13 MOTOR 28
VOLT D.C 3900
RPM, 1/20 H.P.
REVERSIBLE, BALL
BEARING. (WILL
OPERATE 12 VOLT
SIZE $3 \times 3 \times 3\frac{1}{2}$; 2LB. #B-101/8037
800. PRICE: \$1.95



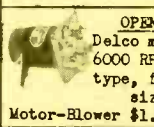
OSTER 10 CFM Blower
John Oster motor C2EP-1A
27.5 VDC 1/100 HP 6000
RPM with blower 10CFM,
Size $3\frac{1}{2} \times 3\frac{1}{2} \times 4\frac{1}{2}$ Wt 1 $\frac{1}{2}$
Motor & Blower \$3.95 Motor only 1.95



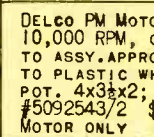
400 CYCLE BLOWER
Eastern Air Devices
10 CFM Blower 115 Volt
400 cycle, 1/100 HP
motor. Size $3\frac{1}{2} \times 3\frac{1}{2} \times 4\frac{1}{2}$
Wt. 1 lbs.
PRICE: \$2.95



PINCOR BLOWER
Cast Aluminum hous-
ing shunt type motor
24 VDC 5000 RPM, 10
CFM blower. Motor
noise filtered. WT 1lb
10 oz. Size $3\frac{1}{2} \times 4\frac{1}{2}$.
PRICE: \$2.95




OPEN TYPE BLOWER
Delco motor 5069267 27 VDC
6000 RPM, reversible shunt
type, flange mount. WT 1 lb
size $1-3/4 \times 2-5/8 \times 2\frac{1}{2}$.
Motor-Blower \$1.95 Motor only \$1.50



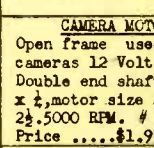
DELCO PM Motor 12 VDC
10,000 RPM, GEARED
TO ASSY. APPROX 250
TO PLASTIC WHEEL &
POT. $4 \times 3 \times 2$; 1 LB.
#5092543/2 \$4.95
MOTOR ONLY 3.95



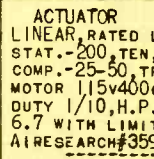
PHILCO GEAR REDUCTION
NO. 441-1008, 24 VDC,
3.7 RPM 40 LB. IN. TOR-
QUE, SHAFT $5/16 \times 5/8$,
MOTOR $4 \times 3\frac{1}{2} \times 5\frac{1}{2}$; 4 LBS
\$5.95



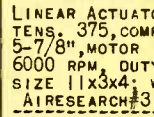
NAVY PM MOTOR
27 VDC
1/150 H.P.
5000 R.P.M
SHAFT $3/4 \times 3/16$
MOTOR $1\frac{1}{2} \times 1\frac{1}{2} \times 2$
WT: 8 oz. STK# J942-BUO-676213
PRICE: \$1.95



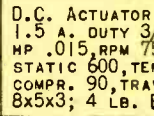
CAMERA MOTOR
Open frame used in aircraft
cameras 12 Volt AC-DC
Double end shaft 1/8
 $\times \frac{1}{2}$ motor size $2\frac{1}{2}$
 $\times 2\frac{1}{2}$ 5000 RPM. # CM-120
Price \$1.95



ACTUATOR
LINEAR, RATED LOAD LBS.
STAT.-200, TEN.-25-50
COMP.-25-50, TRAVEL $2\frac{1}{2}"$
MOTOR 115V 400 CYCLE, 6000 RPM.
DUTY 1/10, H.P. .04, TORQ. OZ. 11
6.7 WITH LIMIT SWITCHES. USED
AIRESEARCH#35906-30 \$2.95



LINEAR ACTUATOR, STAT. 750,
TENS. 375, COMP. 200, ARM. TRAI
5-7/8", MOTOR 115 V. 400 CYCLE
6000 RPM, DUTY 1-10, HP .04
SIZE $11 \times 3 \times 4$; WT: 5 LB. USED
AIRESEARCH#31914 \$3.95



D.C. ACTUATOR 26 V.
1.5 A. DUTY 3/20
HP .015 RPM 7500
STATIC 600, TEN. 130
COMPR. 90, TRAVEL $1\frac{1}{2}"$
8x5x3; 4 LB. ELA-3-139-2 \$2.95



HEAVY DUTY
REVERSIBLE
TYPE GEAR
HEAD MOTOR
JOHN OSTER
#KU-11-IR
28 VDC 100 - 200RPM
8 AMP $\frac{1}{2}$ lb. FT.
torque. Size $7\frac{1}{2} \times 10 \times 4\frac{1}{2}$ WT. 12 lbs
Shaft size $7/16 \times 3/4$. Price \$5.95

BULL'S EYE INDICATOR LIGHTS
ALUMINUM DIMMER TYPE, RUBY LENSE, 3/4" HOLE MTG. BAYONET BASE. SIZE 2x7/8 #775 39¢ EA. 3/\$1.00

ILLUSTRATION ONLY

DULL FINISHED BRASS, RED LENSE DOUBLE CONTACT BAYONET BASE, WITH 12 VOLT LAMP LM-44, 1 INCH HOLE MTG. SIZE 1 1/2x3 #2261 25-22 PRICE: \$.39 EA. 3 FOR \$1.00

FLASH LAMP
A GASEOUS DISCHARGE FLASH LAMP AS USED IN VIX-1 INDENTIFICATION EQUIPMENT. 200 WATT SECOND, 3 PRONG BASE. SYLVANIA #1073/4330 CAN BE USED IN PHTO-FLASH \$1.95 EACH. 3 FOR \$5.00

CERAMIC COIL FORM F/ART-13 ANTENNA LOAD SIZE 2"x5". NO WIRE 50% WITH WIRE \$1.00

RUBBER SHOCK MOUNTS
MTG HOLES 2" CENTERS 6 LB. #6 \$.35 14 LB. #14 .50 10 LB (ILLUS) #5150 .40

CERAMIC COUPLER 2"
DIA. 3/4" SHAFT EA. SIDE STK#SWTU-5 PRICE: \$.50

GIANT 4 CONTACT CERAMIC FOR 872, 211 ETC. 3/4" RD. GE#M17461594-G1 PRICE: USED \$.39

GIANT 4 CONTACT CERAMIC SOCKET FOR 715, 718 ETC. 3/4" RD. STK#227684-98 PRICE: NEW \$.50

GIANT TUBE SOCKET 7 CONTACT FOR 813 4E27A ETC. 2 1/2" Ø GE#M17466795-1/442 PRICE: \$.75 USED

BAND CHANGE SWITCH 9 CERAMIC WAFERS, RIGHT ANGLE BEVEL GEAR DRIVE SILVER CONTACTS.
SIZE 12x2x2 1/2
STK#SW11014 PRICE: NEW \$1.50

TERMINAL STRIPS WITH CLIPPED WIRES
AMT. TERMINALS - 6 - 8 - 10 - 12 - 14 1/2" WIDE EACH .15 .20 .25 .30 .35 1 1/2" WIDE " .20 .25 .30 .35 .40

BINDING POSTS 7 ON A BAKE-LITE STRIP, THUMB SCREW TYPE TERMINALS. REMOVED FROM EQUIPMENT. PRICE: \$.35 EA. 3 FOR \$1

TELEPHONE SIGNAL DROP SWITCH BOARD UNIT WITH MOMENTARY & HOLD MULTI-CONTACT LEVER SW RING IN DROP RELAY & PHONE JACK. SIZE 1 1/2x8x3. WT: 1 LB. #EE-2 \$.39 EA. 3/\$1 USED PL-11 PLUG ON 30" CORD \$.35 EA.

SW-118 SWITCH ASSY.
SPST, ONE SIDE HOLDING ON - OTHER SIDE MOMENTARY ON, CENTER OFF SWITCH SIZE 2x1, CASE SIZE 2x1. PRICE: \$.35 EA. 3 FOR \$1.00

B-9A SWITCH ASSY
SPDT CENTER OFF 5 AMP. 125 VOLTS TWO HOLE MTG. SIZE: EA. SW 3/4 x2x1. \$.35 EACH BANK OF FOUR \$1.

Capacitors



MFD	VDC	SIZE	PRICE
2000	15	1 1/2x4 1/2 RD	\$.59
1000	50	1 1/2x4 1/2 RD	.55
8000	55	3 x6 RD	1.75
24000	3	4 x3 RD	1.50

4	400	2 1/2x3 1/2x1 1/2	.25
5x5	400	3 1/2x3 1/2x2	.50
10	400	4 x4x1	.75
.5	500	1 1/2x1 1/2x3	.20

2	600	1 1/2x4 1/2x1	.25
4	600	3 1/2x2 1/2x1 1/2	.50
6	600	4 1/2x2 1/2x1 1/2	.75
7	600	4 x4 x2	.85
10	600	3 1/2x4 1/2x1 1/2	1.10
2 1/2/2 1/2/5	"	6 1/2x4x2	.75

MFD	VAC	SIZE	PRICE
1	2000	2 x3 x1	1.25
.5	2500	3 1/2x3 x1	.75

POTENTIOMETER 100 WATT, 100,000 OHM IN 20 STEPS 5000 OHM EACH WITH HEAVY DUTY CONTACTS & INSULATED TERMINALS 7 SHAFT. DAVENPORT #1373 SIZE: 5 1/2x3 1/2, SHAFT 1-3/8 x 3/8. WT: 1 1/2 LB. STK#227281-3 \$1.25

POTENTIOMETER PRECISION TYPE, WIRE WOUND, 2 SEC 10,000 OHMS EACH 6 W. 3 SOLDER LUGS EA. SEC. SIZE 3x5. WT: 1 LB. STK#227284-29 \$0.75

156K	106K	605K	405K
15 MF	10 MF	6 M	4 M
1000	600 v	600	600

MFD	VDC	SIZE	PRICE
15	1000	3 1/2x4 1/2x2 1/2	\$2.95
10	600	3 1/2x4 1/2x1 1/2	1.10
6	600	4 1/2x2 1/2x1 1/2	.75
4	600	3 1/2x2 1/2x1 1/2	.50

Switches

Switches removed from new equip.

TYPE	MTG	VOLTS	ST#	PRICE
S.P.S.T.	NUT	3A/125	SW-105	.20
S.P.D.T	"	"	8839K1	.35
4.P.S.T.	"	"	8883K2	.55
D.P.S.T	"	"	8822K1	.35
D.P.D.T.	"	"	SNP221	.50
S.P.S.T.	"	"	8817K2	.25
(Momentary)				
D.P.D.T.	"	"	ST-22R	.40
(Momentary one side)				

HEAVY DUTY TAP SWITCH 5 POSITION FOUR HOLE MOUNTING SIZE: 2 1/2x2 1/2x1 1/2 STK#379627 \$1.50

ANTENNA CIRCUIT SWITCHING SWITCH 100 WATT Size 4x4 2-3/4" 3/Make 3/Break #329626 \$2.50

Vibrators

VB-16/6, 12 or 24 volt for PE-237 \$3.95

TYPES LISTED BELOW \$1.95 Each

VB-1 1/6 volt for PE-117 PE-97 & PE-237 (Same as VB-7)

VS-3 1/6 volt for PE-104 (Same as Mall-550C)

G53 1/2 volt for PE-110

VB-8 1/2 volt for PE-157

VB-9 1/6 volt for PE-157

VB-11/24 " for PE-120

VB-12/6 " for PE-120

VB-13/12 " for PE-120

Rheostats



STK.#	WATTS	OHMS	PRICE
327345-1	150	4500	\$1.50
353-5049	50	8	.75
327275-4	25	750	.60
5895 (DUAL)	50	20	1.50
489485	50	25	.75
4582	50	6	.60
15822	50	17	.60
41132	50	7.5	.50
3836	50	250	.75

Breakers



CAT. #	VOLTS	AMPS.	PRICE
P-0111	125 AC	12	\$1.50
3H900-1.25	115 AC	1 1/2 A	1.00
3H900-3-2	115 AC	3 A	1.00
62349M6	117 AC	1.25 2.50	
(3 POLE)			
8751K4	30 DC	10	.50

Relays

ANTENNA CHANGE OVER RELAY 12 Volt DC 2 Break 2 Make 100 Watt Stock # 206191/L1 Price \$3.95

DYNAMOTOR STARTING Relay 14 volt DC S.P.S.T. 43 AMP. Stock#3HL777A/3 Price \$2.50

RATCHET TYPE BAND CHANGE MOTOR AS USED IN SCR-522 FOUR POSITION 12 VDC OPERATION. STK# 3H3112 REMOVED FROM EQUIPMENT. PRICE: \$2.50

SPERTI VACUUM SWITCH AS USED IN ART-13 TRANSMITTER KEYING RELAY DESCRIBED BELOW, SPDT STK#329847-4.5 PRICE \$11.50

Kits \$1.00

DISC CERAMIC CONDENSERS 33 ASST. 15MMF-.01MFD. Good Value \$1.00 a KIT

TUBULAR CONDENSER 50 ASST. .00025 to .1 200 to 600 V \$1.00 a KIT

MICA CONDENSERS 25 ASST. 10 MMFD To 6800 MMFD. \$1.00 a KIT

TRIMMER CONDENSERS 25 ASST. 3 to 280MMF WIDE RANGE \$1.00 KIT.

RESISTORS INSULATED 50 ASST. 1/2, 1 & 2 Watt wide range of good values 50 ASSORTED \$1.00

RESISTORS WIREWOUND 25 ASST. 5 to 20 Watt. Wide range of values some tapped. 25 ASST \$1.00

VOLUME CONTROLS 10 ASST. Popular Values \$1.00

TUBE SOCKETS 20 ASST. Octals Locals Minatures Wafers etc \$1.00

PILOT LIGHT SOCKETS 25 ASST Bayonet Screw etc. \$1.00

TERMINAL STRIPS, Tie lug strips, ASST types. 25 for \$1.00

TERMINAL LUGS, ring spade, crimp types. Wide variety of sizes for all uses in clear plastic box, Approx 200 PCS \$1.00

ROTARY SWITCHES BRAND NEW \$1.00

BATHROOM CONDENSER KIT 1 MFD. to 1 MFD. up to 600 Volt. 10 FOR \$1.00

HARDWARE KIT NUTS, WASHERS SCREWS, RIVET GROMMETS ETC. 1 1/2 LBS. \$1.00

B-8 GUN CONTROL SWITCH HAND GRIP. 3 MOMENTARY PUSH, 1 TRIGGER & 1 3 WAY THUMB. W/CONN. PLUG \$1.00

THERMOSTAT SWITCHES KIT OF 5 \$1.00

MICRO-SWITCHES KIT OF 5 \$1.00

BC-603, BC-683 BC-604 & BC-684 SPARE PARTS SHEET FOR STORING TUBES & PARTS. SAME SIZE & SHAPE AS RECEIVERS 2 COMPARTMENTS. SIZE 7x11x11 WT \$1.00

METAL BOX WITH REMOVABLE TOP, CUTOUTS FOR AC OUT LETS & SWITCH. SIZE: 6 1/2x4 1/2x4 1/2 PRICE: \$.50

ALARM BELL OPERATES ON 24 VOLTS DC OR AC. SIZE 3 1/2x2 EDWARDS # 95606. BLACK ONLY \$1.00

HORSESHOE MAGNETS 5 lb. Lift 2 1/2x2 1/2x3/8" 1/2 lb. \$.50 25 lb. Lift 2 1/2x2 1/2x1 1/2 1/2 lb. 2.90

HAND TYPE MAGNETO GENERATOR USED FOR RINGING TELEPHONE LINES, OUTPUT ABOUT 100 VOLTS. CAN ALSO BE USED AS SHOCK MACHINE, LIGHT SMALL EMU BULBS OR DRIVE WORMS OUT OF YOUR LAWN BY PLACING THE THE OUTPUT TO METAL STAKES AND DRIVING THEM INTO GND.

GN-38 WITH THREE MAGNETS \$2.95

GN-38B PERMANENT MAGNETS 2"x1" \$3.95

GN-41B PERMANENT MAGNETS 3"x1 1/2" \$4.95

GN-38A WITH COIL MAGNET \$2.95

G-25A ROUND TYPE MAGNETO \$2.50

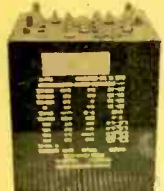

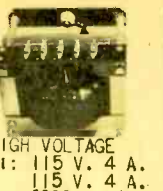



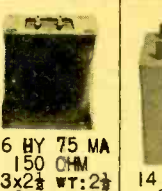


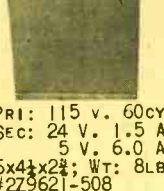
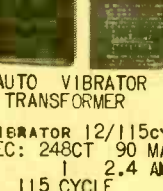

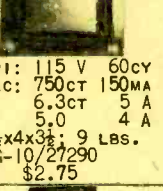
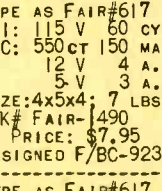
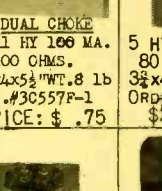
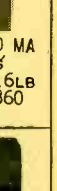
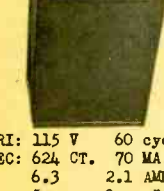
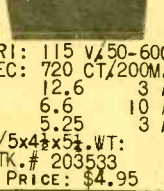
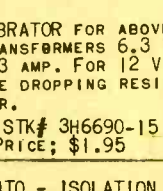
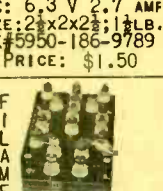

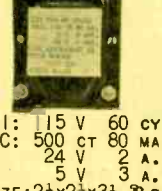
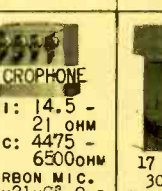

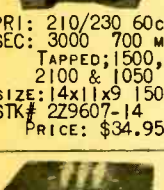
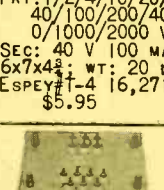
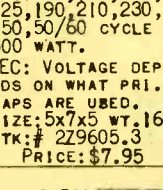

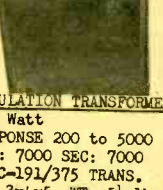
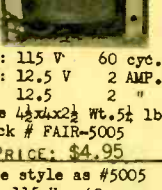
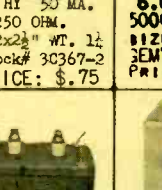
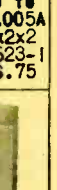
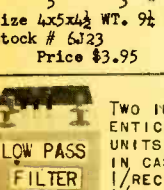
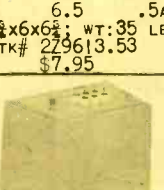

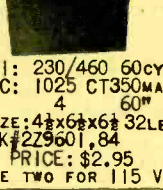
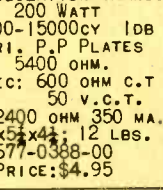
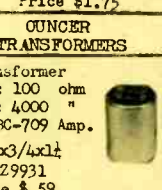


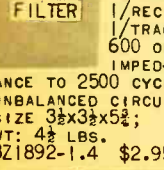
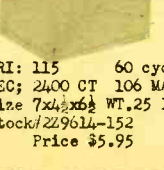
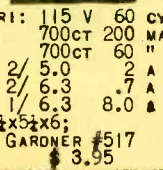

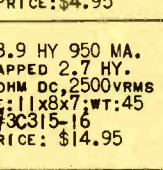
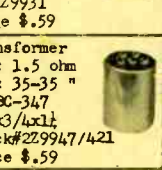
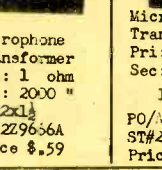
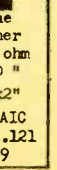
THUMB-IT WHEEL WAFER SWITCH NUMBERED. EACH SWITCH CAN BE MOUNTED SINGLY OR IN BANKS. SIZE EACH SECTION 2 1/2x2 1/2. REMOVED FROM EQUIP. PRICE: 11 CONTACT... \$.50 19 CONTACT... .75

25 Precision Resistor Ass't WIRE WOUND OR CARBON 1% OR BETTER GOOD VALUES. \$1.00 50 TINY CAPACITORS SELECTED TINY ASSP PAPER & CERAMIC X GOOD VALUES. \$1.00

WIRE ASSORTMENT SIX 25 FT. COILS FULLY INSULATED STANDARD SIZES TINNED COPPER ASS'T. COLORS \$1.00

MINIMUM ORDER \$3.00

Power Transformer Filament Modulation Microphone Chokes

 <p>PRI: 115/230 60 cyc SEC: 800 CT. 120 MA 6.4 4.5 AMP 5 2 " 6.3 .6 " 6.4 .450 MA Size 5x5x6 WT. 13 lbs. Stock # 229621-380 PRICE: \$2.95</p>	 <p>PRI: 115/230 V 60 cyc SEC: 240 VCT 35 MA 24 V .9 AMP 6.3 " .6 " 6.3 " .3 " Size 3x3x3 WT. 4 lbs. Stock # FM-13-317 Price \$1.25</p>	 <p>HIGH VOLTAGE PRI: 115 V. 4 A. 115 V. 4 A. SEC: 6000 V. 80MA. NO TAP. SIZE: 7x6x7; 20 LBS \$7.95</p>	 <p>PRI: 115/230 60cy SEC: 750-0-0-750 1.66AMP@1.66 SIZE: 13x10x11 WT: 115 LBS. STK#229607-16 PRICE: \$29.50</p>	 <p>MODULATION TRANSFORMER Watts 20 Response Response 200-5000-1DB Pri-Z 6000 SEC.Z 6000 Collins #677-2010-00 Size 2x2x3 WT. 3 1/2 lbs Stock# 229634.53 Price \$2.95</p>	 <p>PRI: 115 V 60 CYC. 200 200 MA. 12.5 2 AMP. 12.5 2 AMP. 5 3 AMP. Size 4x4x4 WT. 10 lbs Stock # FAIR-617 Price \$8.95 DESIGNED FOR COMMAND TRANSMITTER</p>	 <p>6 HY 75 MA 150 OHM 3x3x2 1/2 WT: 2 1/2 STK#3C316-7 PRICE: \$.79</p>	 <p>14 HY 125MA 275 OHMS. 2 1/2 x 3 1/2 x 5 1/2 308-708-060 \$1.25</p>
 <p>PRI: 115 V 60 cyc. SEC: 1080 CT. 142 MA. 6.3 1 AMP. 6.3 2 AMP. 5 3 AMP. Size 5x5x5 1/2 WT. 14 lbs Stock # 229613.52 PRICE: \$3.95</p>	 <p>PRI: 115 v. 60cy SEC: 24 V. 1.5 A 5 V. 6.0 A 6x4 1/2 x 2 1/2; WT: 8LB #229621-508 \$1.95</p>	 <p>AUTO VIBRATOR TRANSFORMER VIBRATOR 12/115cy SEC: 248CT 90 MA 1 2.4 AM 115 CYCLE SIZE: 2 1/2 x 3 1/2 x 3 WT4 STK#229625-75 PRICE: \$1.50</p>	 <p>SEC: 650VCT 50MA 6.3 " 5 A 10.2 " 13 A 25NCT 4 A RCA#K901467-502 SIZE: 6x6x6; WT: 25 PRICE: \$5.95</p>	 <p>PRI: 115 V 60cy SEC: 750CT 150MA 6.3CT 5 A 5.0 4 A 4 1/2 x 4 3/4; 9 LBS. TG-10/27290 \$2.75</p>	 <p>TYPE AS FAIR#617 PRI: 115 V 60 CY SEC: 550CT 150 MA 12 V 4 A. 5 V 3 A. SIZE: 4x5x4; 7 LBS. STK# FAIR-1490 PRICE: \$7.95 DESIGNED F/BC-923</p>	 <p>DUAL CHOKE 11 HY 166 MA. 200 OHMS. 4x4x5 1/2 " WT. 8 lb ST.#3C557F-1 PRICE: \$.75</p>	 <p>5 HY 250 MA 80 OHMS 3 1/2 x 4 3/4; 6LB ORD#459360 \$2.50</p>
 <p>PRI: 115 V 60 cyc. SEC: 624 CT. 142 MA. 6.3 2 AMP. 6.3 2 AMP. 5 3 AMP. Size 5x5x5 1/2 WT. 14 lbs Stock # 229613.52 PRICE: \$3.95</p>	 <p>PRI: 115 V/50-60C SEC: 720 CT/200MA 12.6 3 A 6.6 10 A 5.25 3 A S/5x4 1/2 x 5 1/2; WT: 8LB STK# 203533 PRICE: \$4.95</p>	 <p>VIBRATOR 12/115cy SEC: 300 CT 100MA. 27 CT 2MA. SIZE: 3x3x3 1/2 WT: 4LB STK#229625-73 PRICE: \$1.50</p>	 <p>PRI: 115 V 60 CYC SEC: 6.3 V 2.7 AMP SIZE: 2 1/2 x 2 1/2; 1 1/2 LB. STK#5950-186-9789 PRICE: \$1.50</p>	 <p>MODULATION TRANSFORMER WATTS: 75 PRI: 200-250 OHM SEC: GRID 813 TUBE WITH SIDETONE SIZE: 2 1/2 x 3 1/2 x 3 1/2 WT 2 1/2 STK#GE7465620-1 PRICE: \$2.95</p>	 <p>PRI: 15 V 60 CY SEC: 500 CT 80 MA. 2 A. 5 V 3 A. SIZE: 2 1/2 x 2 1/2 x 3 1/2 SLB. STK#FAIR-818 PRICE: \$4.95 For BC-603, 683 COMM/ARC RECEIVER</p>	 <p>8 HY 100 MA 160 OHMS 2 1/2 x 3 1/2 x 2 1/2; 4LB #TR-1024 \$1.50</p>	 <p>25 HY 160MA 350 OHM 3 1/2 x 3 1/2 x 4; 8LB 3C317-38 \$1.50</p>
 <p>PRI: 115 V 60 cyc. SEC: 3000 700 MA. TAPPED; 1500, 2100 & 1050 SIZE: 14x11x9 1/2 STK# 229607-14 PRICE: \$34.95</p>	 <p>POTENTIAL TRANS PRI: 1/2/4/10/20/ 40/100/200/40 0/1000/2000 V. SEC: 40 V 100 MA. 6x7x4 1/2; WT: 20 LB ESPEY#1-4 16,271 \$5.95</p>	 <p>AUTO-ISOLATION STEP UP-STEP DOWN TRANSFORMER PRI: 70/100/140/200 60 CYCLE SEC: 12.6 CT .7 A 6.3 CT .9 A 6.3 CT 1.5 A 6.3 CT 1.5 A 2.5 KV TEST SIZE: 5 1/2 x 3 1/2 x 4 WT 5LB STK# GE7465625-PI PRICE: \$2.95</p>	 <p>FILAMENT TRANSFORMER PRI: 115 V 60 CYC SEC: 2.65V 3.5 A 2.65V 3.5 A 6.3V 3.5 A SIZE: 3 1/2 x 5 3/8; 8LB #BNJT-166 \$2.50</p>	 <p>MODULATION TRANSFORMER 100 Watt RESPONSE 200 to 5000 PRI: 7000 SEC: 7000 F/BC-191/375 TRANS. size 3x4x5 WT. 5 1/2 lbs. stock # 2c6191/71 Price \$3.25</p>	 <p>PRI: 115 V 60 cyc. SEC: 12.5 V 2 AMP. 12.5 2 " Size 4 1/2 x 4 1/2 x 2 1/2 WT. 5 1/2 lb Stock # FAIR-5005 PRICE: \$4.95 Same style as #5005 PRI: 115 V 60 cyc SEC: 24 V 1 AMP. Size 2-3/4 x 2 1/2 x 2 1/2 lb. Stock # FAIR-718R Price \$1.95 Same style as #5005 PRI: 115 V 60 CYC. 12.5 V 1 AMP. Size 2 1/2 x 2 1/2 WT. 1 1/2 lb Stock # FAIR 2468 Price \$1.75</p>	 <p>17 HY 80 MA. 300 OHM 2 1/2 x 3 1/2 x 2 1/2; 2LB #P7762352G1 \$1.00</p>	 <p>OUTPUT TRANSFORMER HP/NO-1.77/ 6.60-50 TO 5000 cy.005A SIZE: 2x2x2 3EM7465623-1 PRICE: \$.75</p>
 <p>PRI: 115 V 60 CYC SEC: 660 CT 100 MA. 6.3 5 AMP. 5 3 AMP. Size 4x5x4 1/2 WT. 9 1/2 lb Stock # 6J23 Price \$3.95</p>	 <p>PRI: 115 v. 60 cy SEC: 1540 CT. 166A 1230 CT. 257A BOTH VOLTAGES ONE WINDING 5.1 4.5A 6.5 4.0A 6.5 .5A 7 1/2 x 6 x 6 1/2; WT: 35 LBS STK# 229613.53 \$7.95</p>	 <p>PRIMARYS: 2/100 V 60 CYCLE SECONDARYS: 2.5V 2A 7.5V 1.25 21.v .1A 11.v 10.0A 10.v 6.5A SIZE: 8x 4x6; 19LBS CAY30219 \$3.95</p>	 <p>PRI: 115 V 60 CYC SEC: 700CT 200 MA 700CT 60 " 2/ 5.0 2 A 2/ 6.3 7 A 1/ 6.3 8.0 A 5 1/2 x 5 1/2 x 6; GARDNER #517 \$3.95</p>	 <p>MODULATION-TRANS. 200 WATT 200-15000CY 10B PRI. P.P PLATES 5400 OHM. SEC: 600 OHM C.T 50 V.C.T. 2400 OHM 350 MA. 4x5 1/2 x 4 1/2; 12 LBS. #677-0388-00 PRICE: \$4.95</p>	 <p>OUNCER TRANSFORMERS Transformer Pri: 100 ohm Sec: 4000 " PO/BC-709 Amp. 3/4x3/4x1 1/2 ST#229931 Price \$.59</p>	 <p>3.5 HY 200 MA 70 OHMS 3 1/2 x 4 x 3; 5 LBS ORD.#7629828 \$1.75</p>	 <p>AUDIO OUTPUT TRANSFORMER PRI: 450 ohm SEC: 300/4000 ohms impedance PO/BC-348 STOCK#2C4348M/T 2x4x2 1/2 WT. 2 1/2 lb Price \$1.00</p>
 <p>TWO IDENTICAL UNITS IN CASE LOW PASS FILTER IMPEDANCE TO 2500 CYCLE UNBALANCED CIRCUIT SIZE 3 1/2 x 3 1/2 x 5 1/2; WT: 4 1/2 LBS. Z1892-1.4 \$2.95</p>	 <p>PRI: 115 60 cyc SEC: 2400 CT 106 MA. Size 7x4 1/2 x 6 1/2 WT. 25 lb Stock/229614-152 Price \$5.95</p>	 <p>PRI: 115 V 60 CY 700CT 200 MA 700CT 60 " 2/ 5.0 2 A 2/ 6.3 7 A 1/ 6.3 8.0 A 5 1/2 x 5 1/2 x 6; GARDNER #517 \$3.95</p>	 <p>PRI: 230/460 60cy SEC: 1025 CT 350MA 4 60" SIZE: 4 1/2 x 6 1/2 x 6 1/2 32LE STK#229601.84 PRICE: \$2.95 USE TWO FOR 115 V</p>	 <p>3.9 HY 950 MA. TAPPED 2.7 HY. 25 OHM DC, 2500VRMS SIZE: 1 1/2 x 8 x 7; WT: 45 STK#3C315-16 PRICE: \$14.95</p>	 <p>Transformer Pri: 1.5 ohm Sec: 35-35 " PO/BC-347 3/4x3/4x1 1/2 Stock#229947/421 Price \$.59</p>	 <p>Microphone Transformer Pri: 15 ohm Sec: 5000 " 1 1/2 x 2 1/2 PO/BC-26/AIC ST#229631.121 Price \$.59</p>	 <p>Microphone Transformer Pri: 15 ohm Sec: 5000 " 1 1/2 x 2 1/2 PO/BC-26/AIC ST#229631.121 Price \$.59</p>

TRANSFORMERS

1-177 TUBE CHECKER TRANSFORMER
 SIZE: 4x4x4 5 LB
 STK # 229613.667
 PRICE: \$4.95

1-177 TUBE CHECKER TRANSFORMER
 SIZE: 4x4x4 5 LB
 STK # 229613.667
 PRICE: \$4.95

PRI: 115 V 60 CY
 SEC: 115 V 60 CY
 SIZE: 3x2x2 1/2; WT: 2 LBS.
 #EF-425 \$2.25

PRI: 115 V 60 CY
 SEC: 30 V 2A.
 WT: 2 LBS.
 #EF-425 \$2.25

8 HY 450 MA
 THORNTON 4473
 P/O BC-303 TRANS.
 5x4x5 1/2; 18 LBS.
 STK # 3H4622.1
 \$6.95

WITH KNOB
 TRANSTAT
 VOLTAGE REGULATOR
 FIXED WINDING 115
 VARIABLE RANGE
 103 TO 126 V 60
 CYCLE, 2.17 AMPS.
 5x6x6; WT: 15 LBS.
 #29144 \$4.95

PRI: 115 V 60 CY
 SEC: 2.5V 1.75A
 2.5V 1.75A
 6.3V .6 A
 3x5x3 1/2; WT: 8 LBS
 229611.127 \$1.95

TRANSTAT
 VOLTAGE REGULATOR
 FIXED WINDING 115
 VARIABLE RANGE
 105 TO 125 V 60
 CYCLE, 10 AMPS.
 SIZE: 6x6x6; 20 LBS
 No. 31213. \$5.95

PRI: 115 V 60
 SEC: 12.6 V.
 7.95 A.
 5x4x4; WT: 13 LB
 22K9717-46937
 \$4.95

400
 CYCLE

EQUAL
 16V 8A

TRANSTAT
 VOLTAGE REGULATOR
 FIXED WINDING 115
 VARIABLE RANGE
 75 TO 120 V, 400
 CYCLE, 6 AMPS.
 SIZE 5x6x6; 13 LB
 SC No. TF-12A \$4.95

PRI: 120/240V 60C
 SEC: 16 V 8 AMP
 16 V 8 "
 SERIES SECONDARY
 32 V 8 AMP
 PARALLEL 16V 16 "
 4x4x4 1/2; 13 LBS.
 #1479-L018
 PRICE: \$7.95

PRI: 115 V 60 CY
 SEC: 2.2 V.
 ALSO TAPPED WIND.
 0-60V 10 TAPS 4
 VOLTS EA. 1 TAP
 20V. MV AMPS 4, LOW
 EST VOLTAGE 20 A.
 6x4x5; WT: 25 LBS
 #6120-473-6811
 \$7.95

24 V
 4 A

CURRENT TRANSFORM
 RATIO 150-5 AMPS.
 25 TO 60 CYCLES
 WEST. TYPE KO
 STYLE 651911-B
 5x6x5; WT: 10LE
 \$2.95

12 V
 2 A

ALTEC LANSING 70 W
 OUTPUT TRANSFORMER
 PRI: 3300 OHM CT
 SEC: 250 & 500 OHM
 SIZE: 4x5x4 1/2; 13 LB
 STK # TMJ 217A
 PRICE: \$2.95

PRI: 115V 60 CYCLE
 SEC: 12 V 2.1 AMP.
 SIZE: 3x3x2 1/2; 3 LBS
 STK # TR-1409/8970
 PRICE: \$1.50

OUTPUT
 30 WATT

PRI: 8000 OHM CT
 SEC: 4/8/15 OHM
 3x3x3; WT: 2 LBS.
 TG-107/27291
 \$2.95

ALTEC LANSING 70 W
 OUTPUT TRANSFORMER
 PRI: 3300 OHM CT
 SEC: 250 & 500 OHM
 SIZE: 4x5x4 1/2; 13 LB
 STK # TMJ 217A
 PRICE: \$2.95

LOW VOLTAGE TRANSFORMERS

ALL PRIMARIES 105, 110, 1120, 125 VOLT, 60 CYCL

SEC: 6.6 V 25 AMP.
 4x6x4; 17 LBS.
 GE #9T35Y344 \$4.95

SEC: 6.6 V 18 AMP
 3x5x4; 12 LBS.
 GE #9T35Y159 \$3.95

SEC: 6.6 V 10 AMP
 4x3x4; 9 LBS.
 GE #9T35Y158 \$2.95

SEC: 6.6 V 10 AMP.
 6.6 VCT "
 5x4x3 1/2; 10 LBS.
 GE #9T35Y181 \$3.25

SEC: 6.3 VCT 5.0 AMP
 6.3 VCT 1.0 "
 4x3x2 1/2; 4 LBS.
 GE #9T35Y8012 \$2.25

SEC: 6.6 VCT 2.7 AMP
 2x2x2 1/2; 4 LBS.
 GE #9T35Y321 \$1.25

SEC: 6.6 V 2.3 AMP
 2x2x2 1/2; 4 LBS.
 GE #9T35Y241 \$1.25

PRI: 117 V 60 CY
 SEC: 31, 32, 35,
 36.7 @ 6AMP.
 ONE WINDING TAPP.
 5x5x4 1/2; 12 LBS.
 ORD # CM3706
 \$7.95

SEC: 6.6 V 1.2 AMP.
 2x3x2; 1 1/2 LBS.
 GE #9T35Y240 \$1.80

SEC: 6.3 V 3.1 AMP.
 6.3 V 2.5 "
 6.3 V 0.45 "
 6.3 V 0.30 "
 5.0 V 2.0 "
 5.0 V 2.0 "
 3x4x3 1/2; 4 LBS.
 #TF1A01JA \$3.95

CHOKES
 1.25 HY @ 1.23 ADC
 PNV 1070
 TF1A04LB
 6x5x4 1/2; WT: 21 LBS
 \$5.95

4 HY 400 MA
 35 OHMS
 1.07 KV WVM
 4x3x5 1/2; 10 LBS.
 GE #9T35Y231
 \$3.95

3.5 HY 500 MA
 30 OHMS
 715 V WV
 4x5x3 1/2; 10 LBS.
 TK1A04KA/A8694
 \$3.50

5 HY 255 MA
 80 OHMS

3x5x3 1/2; 7 LB.
 B-7406969
 \$2.50

8 HY 150 MA
 100 OHMS
 MAX. W. V. 715
 3x4x2 1/2; 5 LBS.
 # TF1A04HA
 \$1.95

10 HY 75 MA DC
 375 OHMS 1070 MV
 2x2x1 1/2; 1 1/2 LBS.
 TF1A04EA \$1.89

HIGH VOLTAGE TRANSFORMERS

PRI: 109, 115, 120, 126, 60CYC
 SEC: 2580 VOLTS EACH SIDE
 CENTER TAP RATED AT
 120 MA. 6500 P.W.V.
 TESTS HAVE SHOWN THAT
 UNDER LOAD TRANSFORMER
 WILL DELIVER 2000 VOLT
 DC 300 MA.
 SIZE: 7x6x6 1/2; WT: 42 LBS.
 TF1A02YY \$19.95

PRI: 105-110-115-
 120-125
 SEC: 365 V. TAPPED
 335 V.
 500 MA.
 4x5x3 1/2; 13 LBS
 # TF1A02LA
 \$2.95

PRI: 115 V 60 CYC
 SEC: 1000 V. 78 MA
 CASE IS CENTER TAP.
 6.3 V. 3.2 A.
 6.3 V. 2.1 A.
 5.0 V. 3.0 A.
 4x5x3 1/2; 12 LB #K88877 \$3.95

PRI: 105-110-115-
 120-125
 SEC: 365 V 775 MA
 TAP. 340 V 525 MA
 850CT 30 MA
 5 V 2 A
 6x7x5 1/2; 30 LBS.
 # GE7415214
 \$4.95

PRI: 105-110-115-
 120-125
 SEC: 560CT 75 MA
 365 V 150 MA
 TAP 335 V
 3x5x3 1/2; 8 LBS.
 # TF1A02JA
 \$1.95

PRI: 117 V 60 CYC
 SEC: 450 V 140 MA
 12.6 20 AM
 5.0 2 "
 4x6x4; 15 LB
 E00 10498 \$6.95

PRI: 105-115-125
 SEC: 900CT 200 MA
 5CT 2 A
 # TF1A03KA \$4.95
 4x5x3 1/2; 10 LBS.

PRI: 105-110-115-
 120-125
 SEC: 390 V 1.23A
 TAP 365 V 720 MA

7x8x6 1/2; 45 LBS.
 # GE 745213
 \$6.95

PRI: 7000 OHM CT
 SEC: 294 " "
 52 " "
 ONE WINDING
 POWER: 64 WATTS.
 RESPONSE: 1 DB
 20-20,000 CPS
 SIZE: 5x7x4 1/2; WT:
 TF1A13NA \$4.95

PRI: 7000 OHM CT
 SEC: 265 " "
 80 " "
 ONE WINDING
 POWER: 62.5 WATTS
 RESPONSE: 1 DB
 20-20,000 CPS
 SIZE: 4x6x4; 20 LBS.
 TF1A13MA \$4.95

PRI: 120 V 60
 SEC: 1170 VCT
 325 MA.
 5x7x4; 28 LBS
 #8568966-P1
 PRICE: \$7.95

PRI: 105-115-125
 SEC: 900CT 200 MA
 5CT 2 A
 # TF1A03KA \$4.95
 4x5x3 1/2; 10 LBS.

PRI: 105-110-115-
 120-125
 SEC: 390 V 1.23A
 TAP 365 V 720 MA

7x8x6 1/2; 45 LBS.
 # GE 745213
 \$6.95

PRI: 105-115-125
 SEC: 900CT 200 MA
 5CT 2 A
 # TF1A03KA \$4.95
 4x5x3 1/2; 10 LBS.

PRI: 105-110-115-
 120-125
 SEC: 390 V 1.23A
 TAP 365 V 720 MA

7x8x6 1/2; 45 LBS.
 # GE 745213
 \$6.95

PRI: 7000 OHM CT
 SEC: 294 " "
 52 " "
 ONE WINDING
 POWER: 64 WATTS.
 RESPONSE: 1 DB
 20-20,000 CPS
 SIZE: 5x7x4 1/2; WT:
 TF1A13NA \$4.95

PRI: 7000 OHM CT
 SEC: 265 " "
 80 " "
 ONE WINDING
 POWER: 62.5 WATTS
 RESPONSE: 1 DB
 20-20,000 CPS
 SIZE: 4x6x4; 20 LBS.
 TF1A13MA \$4.95

PRI: 115 V 60 CYC
 SEC: 880CT 260 MA
 SIZE: 4x5x4 10LB
 STK # 7529825
 PRICE: \$4.95

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PRI: 115 V 60 CYC
 SEC: 880CT 260 MA
 SIZE: 4x5x4 10LB
 STK # 7529825
 PRICE: \$4.95

PRI: 115 V 60 C
 SEC: 6.3 V 3.6 A
 15 V. 0.04 A
 15 V. 0.04 A
 SIZE: 3x3x3; 4 LBS
 STK # ORD7629806
 PRICE: \$1.50

PRI: 115 V 60 CYC
 SEC: 6.3 V 2.75 A.
 6.3 V 5.5 A.
 SIZE: 3x4x3; 5 LBS
 STK # ORD7629805
 PRICE: \$2.50

PRI: 115 V 60 CYC
 SEC: 6.3 V 4 AMP
 SIZE: 4x3x3; 5 LBS.
 STK # ORD7629823
 PRICE: \$1.50

PRI: 115 V 60 CYC
 SEC: 6.3 V 4 AMP
 SIZE: 4x3x3; 5 LBS.
 STK # ORD7629823
 PRICE: \$1.50

PRI: 115 V 60 CYC
 SEC: 5 V 6 AMP
 SIZE: 4x3x3; 5 LBS.
 STK # ORD7629812
 PRICE: \$1.50

PRI: 115 V 60 CYC
 SEC: 5 V 6 AMP
 SIZE: 4x3x3; 5 LBS.
 STK # ORD7629812
 PRICE: \$1.50

PRI: 115 V 60 CYC
 SEC: 5 V 6 AMP
 SIZE: 4x3x3; 5 LBS.
 STK # ORD7629812
 PRICE: \$1.50

PRI: 115 V 60 CYC
 SEC: 5 V 6 AMP
 SIZE: 4x3x3; 5 LBS.
 STK # ORD7629812
 PRICE: \$1.50

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 SEC: 5 V 6 AMP
 SIZE: 4x3x3; 5 LBS.
 STK # ORD7629812
 PRICE: \$1.50

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 SEC: 5 V 6 AMP
 SIZE: 4x3x3; 5 LBS.
 STK # ORD7629812
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 SIZE: 4x3x3; 5 LBS.
 STK # ORD7629812
 PRICE: \$1.50

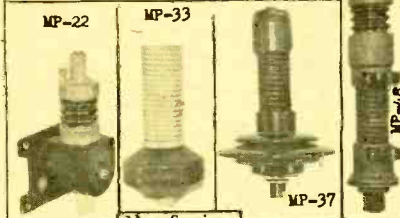
PRI: 115 V 60 CYC
 SEC: 5 V 6 AMP
 SIZE: 4x3x3; 5 LBS.
 STK # ORD7629812
 PRICE: \$1.50

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 SEC: 5 V 6 AMP
 SIZE: 4x3x3; 5 LBS.
 STK # ORD7629812
 PRICE: \$1.50

PRI: 115 V 60 CYC

ANTENNAS

Mast Bases



Mast Sections

3 ft. Tubular steel, copper coated and painted sections. These screw together to make any desired length. MS-49 being the top & smallest section increasing in size through MS-50-51-52-53 to MS-54 being the larger one. Either the MS-53 or MS-54 will fit together to form any additional height desired. Example a 33 ft. vertical may consist of one each MS-49, 50, 51, 52, and 7 each of MS-53 or it may be finished out on the bottom with 6 MS-54 sections. Self support to about 18ft. Average Wt. app. 3/4lbs. MS-49-50-51-52-53 .50c ea. MS-54 .75c ea

MS-49
MS-50
MS-51
MS-52
MS-53
MS-54

Mast Bases

MP-22 Side mount swivel mast base will tip to 90° either right or left. Has a spring snap lock in the vertical position, will take either the MS-53 or MS-54 mast sections. Size Mtg. plate 5" 6" X 10 1/2" high. Wt. 9 lbs. Price.....\$2.95

MP-22A Same as above except mounting hole is for the MS-51 with the MS-49, MS-50 and MS-51. This will make a 9 ft. tapered antenna. Price \$2.95

MP-33 A heavy weight spring mast base for the MS-53 or MS-54 with 5" phenolic insulator. 10 1/2" high. Requires a 2" Mtg. hole. Wt. 8 1/2 lbs. Price \$3.95

MP-37 Heavy coil spring with an 8" climeter ceramic insulator. Requires a 2" Mtg. hole. 12" high Wt 10 1/2 lbs. Price.....\$5.95

MP-48 A rugged mast base with the insulator above the spring will take the MS-53 or MS-54 mast sections. Size 3"D. X 16 1/2"H. Wt. 11 3/4 lbs. Price.....\$2.95

PARABOLIC ANTENNA

DISH PAN TYPE, FOUR (4) FOOT DIAMETER ALUMINUM PAINTED GREY, 21" FEED FOR APPROX. 7100 MC. THREE INCH ROUND MTG. FOR WAVE GUIDE SIZE 1-5/16 X 5/8, FOUR (4) MOUNTING STUDS WITH HARDWARE. PHILCO # 463-2252-1.

SHIPPING WT. IN CARTONS 75 LBS. CRATE 225

PRICES: WITH FEED \$29.95 LESS FEED \$25.00 DEFROST ATTACHMENT \$5.00 EXTRA.



SIX HALF FT ANTENNA ANDREW # N-14519, DISH TYPE UY-28 1700 TO 1850 MC. WITH FEED STUB, PIPE MOUNTING ALUMINUM PAINTED GREY, 6 FT. 6 INCHES. SHPG. WT. 415 UNUSED \$49.50

REFLECTORS

MICROWAVE, PLANE TYPE CONFIGURATION, ALUMINUM, NOT PERFORATED. MOUNTED BY FRAME WORK OF REFLECTOR AND BRACKETS WITH HARDWARE, GUYS AND ADJUSTMENT FOR AZIMUTH. SIZE: 8 FOOT X 6 FOOT, NET WT. 125 LBS. SHPG. WT. 375. PRICE: \$50.00



AS-150/ART Whip Antenna 30" long with 8ft. matching coax cable & SO-239 plug. \$1.50

AS-97/ART Whip same as above except 72"rod. 1.95

AS-27/ARN-5 Horizontal folded dipole as used with RC-103, BC-733, ARN-5 Equip. on airplanes. 108-110 MC. UNUSED \$5.95

AN-148 Dipole Antenna 150 to 180 MC. 2.95

AN-104A Stub Antenna f/SCR-522 100-156MC. 1.25



APS-2 REFLECTOR

POLISHED SPUN ALUMINUM. BAND CAN BE REMOVED. DIAMETER 29" x 27" FOCAL LENGTH 5" HOLE DIAMETER 2 1/2" SHPG. WEIGHT 6 LBS.

PRICE: \$5.95

IN-86

STRAIN INSULATOR Size 1x3 4 for \$1.

GROUND PLANE ANTENNA

Ground plane antenna to cover 20 to 50 MC. Made from surplus insulated base & screw in type mast sections. Mounts on 1 to 2 inch pipe. Specify operating frequency range.

GROUND PLANE ANTENNA

\$10.95

Antenna Telesoping AN-29 for BC-659 12 FT, 10". \$2.95

AN-45 for BC-620 8 foot \$2.95

INSULATOR TERMINAL STRIP 8 feed thru insulators size 1/2 x 1, mounted on 1 x 9 terminal strip. Each strip \$.35 Four strips \$1.00

ANTENNA PHOSPHOR BRONZE #16 1 CONDUCTOR WITH 2 SNAPS & SLIDE CONNECTOR, INSULATED. AN-22 " 20 " .65

AS-65/APQ-2A ANTENNA ASSEMBLY CONSISTING OF 2 3" BASES WITH UG-23 COAX. CONN. AND ALUMINUM RODS 3/12", 1/9", 1/7", 1/5", 1/4". WT: 4 LBS. PRICE: \$5.50

AN-75D WHIP ANTENNA TELESCOPING TYPE. SEVEN (7) FT. EXTENDED 14" COLLAPSED, WITH MOUNTING BRACKET & BINDING POST. PRICE: EACH \$1.50

AT-35 DIPOLE ANTENNA 200-250 Mc. COAXIAL CONN. WT: 2LBS. WITH UG-22 2A288A-35 \$1.50

SPREADER INSULATORS WHITE CERA 3/4"x4" 22" HOLE CENTERS. \$.25 EACH 5 FOR \$1.00 3/4"x 12", 10" HOLE CENTERS \$.45 EACH, 3 FOR \$1.25

AN AN AN AN MP AN
109 130 745 74 75

AN-109 WHIP ANTENNA: 5 FT. TAPERED 1/4 TO 1/8 PRICES: \$1.50 EACH SIX (6) FOR \$3.00

AN-117 WHIP ANTENNA: 6 FT. TAPERED 5/8 TO 1/8 PRICES: \$1.50 EACH SIX (6) FOR \$3.00

AN-75 TELESCOPING WHIP 7 FT. TAPER 5/8-1/16 PRICES: \$1.00 EACH SIX (6) FOR \$4.00

AN-745 TELESCOPING WHIP 8 FT. TAPER 5/8-1/8 PRICE: \$1.00 EACH SIX (6) FOR \$4.00

AN-130 GOOSENECK WHIP 30", SCREW BASE FITS INSULATOR LISTED BELOW. PRICE: \$1.00 EACH SIX (6) FOR \$4.00

AN-20T CHROME TELESCOPING 20" PRICE: \$.50 EACH SIX (6) FOR \$2.00

2A-124 ALUMINUM ROD 3/8" X 6 FT. NO TAPER PRICE: .75 EACH SIX (6) FOR \$3.00

A-27 PHANTOM ANTENNA USED WITH BC-653 & BC-191 TRANSMITTERS FOR TUNING & LOADING WITHOUT REGULAR ANTENNA BEING CONNECTED. CONTAINS A 0-150 MMF. WIDE SPACED 3/16, VARIABLE CAPACITOR, 2/12 OHM 40 WATT NON-INDUCTIVE RESISTORS, MOUNTED IN A CASE 3 1/2 X 7 X 4 1/2 THAT HAS A POINTER KNOB AND 0-100 SCALE, ANTENNA & GND LEADS WITH COVER. WT: 2 LBS. PRICE: RE-NEW \$1.50

A-62 PHANTOM ANTENNA

\$1.25

USED WITH BC-604 TRANSMITTER FOR LOADING TRANSMITTER WITHOUT USE OF REGULAR ANTENNA. CAN BE USED FOR ANY TRANSMITTER IN THE 21 TO 28 MC. BAND. HAS A VARIABLE CAPACITOR 55 MMF., 2 RESISTORS, COIL SLUG TUNED, BINDING POSTS AND INDICATOR LAMP THAT LIGHTS WHEN TRANSMITTER IS LOADED. SIZE 3X6. WT: 4 LBS



AT-598/APT WHIP ANTENNA 30 1/2" LG. WITH COAX. REC. FOR UG100A/U \$2.50

AT-598 MATCHING COAXIAL LINE 11 IN. RG-14 52OHM CONNECTORS \$2.50

2/UG-100A/U, 1/UG-109A/U

AS-17/APS-2 RADAR ANTENNA; 30" DIAMETER, 360 DEG. ROTATION OPERATES FROM 24 VOLT D.C., 115 VOLT 400 CYCLE SELSYN FOR POSITION TRANSMITTER, FREQUENCY COVERAGE APPROX. 3000 TO 4000 MC. SIZE: 40"x30"x18". WT: 175 LBS. PRICE: UNUSED \$24.95



DU-1 LOOP ANTENNA FOR ARB REC. USED AS A DIRECTION FINDER IN THE 200 TO 1600 KC RANGE, OPERATING VOLTAGE IS NORMALLY SUPPLIED BY THE RECEIVER WHICH IS APPROX. 200 VDC AND 12 OR 24 VOLT DC. WITH 2/12 SK7 TUBES. SIZE: 17x12x12: 10LBS. PRICE: NEW \$18.95 CONNECTOR PLUG " \$1.00



AN-190 LOOP ANTENNA: FREQUENCY RANGE 3.5 TO 6 MC. CONSISTS OF 5 TURNS OF WIRE ON A COLLAPSIBLE WOOD FRAME WITH HANDLE, 3FT OF CABLE WITH PLUG AND COUPLING ADJUSTMENT. CAN BE USED ON OTHER FREQUENCY SIZE: OPEN 21 1/2 X 27 1/2, CLOSED 17 X 3; WT: 4 LBS. \$1.50



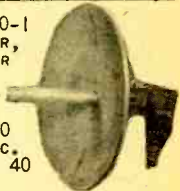
AS-26/APR-2 ANTENNA USED WITH R-34/APR-2 RECEIVER FREQUENCY 400 TO 1000 MC. WITH UG-22 COAXIAL RECEPTACLE. SIZE: 8X6; WT: 3 LBS. PRICE: NEW \$3.95 UG-21 COAX. CONNECTOR TO FIT UG-22..... \$.75



AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS THAT TUNES FROM 200 TO 1750 KC, OPERATES FROM 26 VOLT 400 CYCLE SIZE: 10X11X5; WT: 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95



RADAR ANTENNA RCA#636500-1 24" PERFORATED REFLECTOR, 12" STUB. 1/4 H.P. MOTOR 208 V. 400 CYC. 3 PHASE 360 DEG. ROTATION, 22.5 VARIABLE ANGLE, AY-2218 RESOLVER, 36/11.8 V. 400 CYC. 2 PHASE, RELAYS ETC. SIZE: 24 X 24 X 20; WT: 40 PRICE: USED \$19.95



A P R ANTENNA



AS-125/APR ANTENNA; FOR USE WITH RECEIVERS OPERATING IN THE 1000-6000 MC. FREQ. RANGE, 6" MOUNTING RING WITH HARDWARE, UG-22 COAX. CONN. RECEPTACLE. SIZE: 6X8; WT: 4 LBS. \$1.95 UG-21 TO FIT UG-22..... .50

AS-158/APA-24 DIPOLE ANTENNA CONSISTS OF TWO DIPOLES THAT EITHER CAN BE USED IN A HORIZONTAL OR VERTICAL POSITION, FREQUENCY RANGE 450 TO 750 MC. MOUNTED ON 34" MAST, TWO LENGTHS OF TWIN COAX. WITH PLUGS 4 1/2 FT. PRICE: \$2.50



NEON LIGHTING ARRESTOR HI-POWER 4 for \$1

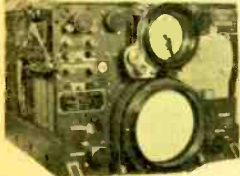


SMALL ANTENNA INSULATORS Insulating material made of polystyrene Size 1 1/2 x 1 1/2 Mtg. hole 3/4" Receptacle size 3/8 x 24 TH. STOCK # 223021-227 Fits ANT. AN-130, 131, Size 7/8 x 1 1/2 Mtg. hole 5/8" Receptacle size 1/2 x 20 TH. Fits any of the UHF Rods Stock # 223062-237 Specify type each \$.75



R-58/ARQ-8 RECEIVER
USED WITH T-51 TRANSMITTER AS A SEARCH AND JAMMING SET IN 25 TO 105 MC RANGE. THE RECEIVER FREQ. WAS CONTROLLED BY THE TRANSMITTER OSCILLATOR AND FEED THROUGH THE COAXIAL CONNECTOR ON THE FRONT OF THE RECEIVER WHICH HAS A 20 MC. IF. A BAND-PASS CIRCUIT 5 MC. WIDE TUNEABLE BETWEEN 25 & 105 MC IS USED BETWEEN THE MIXER CONTROL GRID AND THE ANTENNA. UNIT REQUIRES 115 VOLT 400 CYCLE & 24 VOLT FOR POWER. COMPLETE WITH TUBES 1/9001, 3/6SG7, 1/6SQ7, 1/6AG7 AND 1/5Y3GT. SIZE: 5 $\frac{1}{2}$ x7x22; WT: 25 LBS. PRICE: USED \$5.95
ILLUSTRATED COVER REMOVED. POWER PLUG. \$1.50
RECEIVER SCHEMATIC \$1.00/ POWER PLUG. \$1.50

RADAR INDICATOR \$24.95



PPI RANGE INDICATOR
FOR T-9 TRACKER RADAR SET AN/GPG-1. OPERATES FROM 115 VOL 60 CYCLE WITH TUBES, 13/6J6, 2/12AH7, 1/6AG5, 1/6AR6, 1/6AG7, 2/6C4, 1/12AU7, 1/3DP1, 1/5ADP7 & 2/38Z9 ALL FOCUSING CONTROLS ON FRONT PANEL, CHASSIS ONLY, NO COVER. SIZE: 13x11x24; WT: 80 LBS.

FOCUSING CONTROLS ON FRONT PANEL, CHASSIS ONLY, NO COVER. SIZE: 13x11x24; WT: 80 LBS.

PANORAMIC RECEIVER



R-61/ARQ-5 Double SUPERHET
RODYNE RECEIVER WITH MOTOR DRIVER CAPACITOR TUNING FOR SCANNING AM, FM, CW & WB VIDEO SIGNALS IN THE 18 TO 50 & 48 TO 80 MC BAND ON A 5CP1 CATHODE RAY TUBE THAT IS CALIBRATED AS TO FREQ. PRESENTATION IN THE LOW & HIGH BAND. SELECTION OF BAND TO BE VIEWED, SELECTIVITY & CLIBRATION ARE ALL ON THE FRONT PANEL. SET IS OF UNITIZED CONSTRUCTION AND IS COMPLETE WITH 20 TUBES; 4/6AG5, 2/9002, 2/12SK7, ONE EACH 5Y3, 2X2, VR-90, 9Z7, 4Z6G7, 12SA7, 12H6, 12SQ7, 12SH7, 6SN7, 2050 & 5CP1. OPERATING VOLTAGE REQUIRED 80-115 VOLTS 400-2600 CYCLES 120 WATTS & 28 VDC WITH OPERATING MANUAL & SCHEMATIC. SIZE: 10 $\frac{1}{2}$ x8x22. WT. 51 LBS. PRICE, NEW... \$49.50

HIGH BAND. SELECTION OF BAND TO BE VIEWED, SELECTIVITY & CLIBRATION ARE ALL ON THE FRONT PANEL. SET IS OF UNITIZED CONSTRUCTION AND IS COMPLETE WITH 20 TUBES; 4/6AG5, 2/9002, 2/12SK7, ONE EACH 5Y3, 2X2, VR-90, 9Z7, 4Z6G7, 12SA7, 12H6, 12SQ7, 12SH7, 6SN7, 2050 & 5CP1. OPERATING VOLTAGE REQUIRED 80-115 VOLTS 400-2600 CYCLES 120 WATTS & 28 VDC WITH OPERATING MANUAL & SCHEMATIC. SIZE: 10 $\frac{1}{2}$ x8x22. WT. 51 LBS. PRICE, NEW... \$49.50



ID-169/APN-12 RADAR RANGE
INDICATOR OSCILLOSCOPE, USED WITH VARIOUS TYPE SETS FOR INDICATION OF INCOMING SIGNALS IN ORDER THAT THE RANGE MAY BE DETERMINED. HAS VERTICAL, HORIZONTAL, FOCUS, SWEEP & INTENSITY CONTROLS, COAXIAL ANTENNA. CHANGE-OVER MOTOR ALSO TUBES 3BP1, 2/6H6, 2/6SN7, 1/6C6, 1/6X1 & 1/2X2. OPERATES FROM 115 VOL 400 CYCLE & 24 VDC. SIZE: 10x8x22; WT: 40 LBS PRICE: USED \$9.95

AMPLIFIER



NAVY INTERPHONE AMPLIFIER
USED WITH TCS EQUIPMENT. PUSH-PULL 2/12A6 TUBES CARBON MIC. INPUT 75-200 OHM ALSO 600 OHM OUTPUT 125 OHM. VOLTAGE REQUIRED 12 VDC & 250 VDC 60 MA. HAS MOUNTING FOR DYNAMOTOR 35x032, 12 VOLT.

(SEE CONVERSION INFORMATION LISTED BELOW.)
SIZE: 7 $\frac{1}{2}$ x10x7; WT: 15 LBS.
PRICE: AMPLIFIER WITH TUBES \$2.95
" " " " & DYN. 6.95
KIT FOR CONVERSION TO SPEAKER OUTPUT, APPROX 5 WATTS, INCLUDES OUTPUT TRANSFORMER, MIC & PHONE JACKS, SWITCH, CABLE AND PLUG FOR PLUGGING INTO LIGHTER AND INSTRUCTIONS. \$2.00

AUTO PILOT



MISSILE AUTOPILOT AMPLIFIER
35 TUBES, 10/5814, 4/6AQ5, 4/6AQ4, 4/12AL5, 6/5879, 6/6AL5 & 1/5751 CIRCUITS. ROLL & PITCH, NORTH, SOUTH, EAST, WEST, GAIN & BALANCE CONTROLS, RESISTORS, CONDENSERS, TRANSFORMERS, RECTIFIERS LOADS OF PARTS MOUNTED ON A 3 SECTION ALUMINUM FRAME THAT CAN BE DISMANTLED.
SIZE: 28 $\frac{1}{2}$ x 4 $\frac{1}{2}$ x 12 $\frac{1}{2}$; WT: 35 LBS.
PRICE: USED \$14.95



GYRO INTEGRATING HIG UNIT MFG.
BY HUGHES AIRCRAFT PART NO. 420-57-0013. CONTROL RATE OF TURN. SIZE 2 $\frac{1}{2}$ x5 $\frac{1}{2}$; WT: 3 LBS. USED \$4.95



DEFLECTION PREDICTION SERVO
-ARMA #93600. CONSISTS OF FOUR RESOLVERS #93170, PRECISION POT. CONTROL MOUNTED ON GEAR TRAIN ASSY WITH INDICATOR DIAL SIZE: 6 $\frac{1}{2}$ x3 $\frac{1}{2}$ x4; WT: 4 LBS. PRICE: USED \$4.95

AZIMUTH LINE OF SIGHT SERVO
ARMA #2-00003-239. CONSISTS OF RESOLVER 93170, INDUCTION GENERATOR 2-00003-903, SERVO MOTOR BM-1541A, PRECISION POT. MOUNTED ON CHASSIS WITH GEAR TRAIN ASSY. SIZE 6 $\frac{1}{2}$ x4x4 $\frac{1}{2}$; WT: 5 LBS. \$4.95



P OR R ELEVATION COMPUTER ASSY;
CONSISTS OF TWO SYNCHRO RESOLVER, KETAY #D-13810-1 0-100V 350 CPS, #D-13350-1 0-10 v. 400 CPS, KOLLSMAN INDUCTION MOTOR #1515J-0430, WE MAGNETIC AMP. GA-52140, FOUR TUBES IN SEALED CIRCUITRY, A&B CONTROLS, TEST JACKS ETC. STK # 15264
SIZE: 11x7x6; WT: 12 LBS. PRICE: USED \$6.95



INDICATOR AZIMUTH & SIGHTING
ANGLE TYPE C-1A. OPERATES 26 VOLT 400 CYCLE, TWO 3" IND PART #SYA-3710. SIZE 6 $\frac{1}{2}$ x3 $\frac{1}{2}$ x3; WT: 4 LBS. \$2.95

SYNCHRO INDICATOR

INDICATOR ASSEMBLY FROM CRV-55ABL
CONSISTS OF 2 SYNCHRO MOTORS MARK-4, Mod. 2 SIZE 5 $\frac{1}{2}$, 115/90 V. 60 CY CONNECTED TO A 7 $\frac{1}{2}$ " SCALE 0-360 DEGREES INNER AND OUTER FIX. ALUMINUM CHASSIS NO COVER 14x14x14; WT: 40 LBS.
AS DESCRIBED \$14.95 SYNCHRO MOTOR ONLY \$8.95
SYNCHRO CONTROL TRANSFORMER MARK 3, Mod. 2, 5CT 90-55 VOLT TO BE USED WITH ABOVE UNIT. \$9.95

ARMA 5A INDUCTION MOTOR NO.
213079 COUPLED TO KOLLSMAN CON. TRANS. 799-05, GEARED SHAFT. 7 $\frac{1}{2}$ x3 $\frac{1}{2}$ x3 $\frac{1}{2}$; WT: 7 LBS. \$2.95

SYNCHRO RECEIVERS

RECEIVERS TYPE 23TR6
PART NO. 76766355, 115 V 60 CYCLE, 2" x 4" SAME AS USED IN THE ABOVE UNIT. WEIGHT PER PAIR 5 LBS. PRICE: \$10.95 EACH 20.00 PAIR

A-1C SIGHT HEAD FOR GUN BOMB OR
ROCKET. CONTAINS LENSES, MIRRORS, BEARINGS, GEARS, LAMPS, INDICATOR SWITCHES ETC. SIZE: 13x16x5; WT: 30 LBS. \$9.95

AUTOMATIC PILOT COMPONENT;
GYRO DIRECTIONAL STABILIZER UNIT FOR "M" SERIES BOMBSIGHT AND E-6 AUTOPILOT. OPERATES FROM 24-28 VOLTS D.C. SIZE 17x12x12; WT: 50 LBS. PRICE: USED \$22.95



T-9 XMITTER
\$9.95

T-9/APQ-2 RADAR TRANSMITTER
AM 200 - 500 MC ORIGINALLY USED IN AIRCRAFT FOR JAMMING RADIC & RADAR SIGNALS. APPROX. 6 TO 15 WATTS OUTPUT DEPENDING ON FREQ. EXCEPTIONALLY STABLE LINE OSCILLATOR EMPLOYING TWO W.E. 388 DOORKNOB TUBES IN PUSH PULL. INDEPENDENT GRID & PLATE TUNING WITH INDICATION ON VEEDER ROOT COUNTERS. COAXIAL OUTPUT POWER MEASURING ASSY WITH ADJUSTABLE OUTPUT COUPLING & TUNING ASSY. VOLTAGE REQUIRED 450 VDC 250 MA. & 2 TO 6 V. COMPLETE WITH TUBES 931 NOISE TUBE, 2/807, 2/6AC7, 1/6AG7, 2/388 TUBES
SIZE 7 $\frac{1}{2}$ x 10 x 19 $\frac{1}{2}$; WT: 33 LBS.

SYNCHRO SELSYNS



SYNCHRO GENERATOR SPERRY PT#R5663642
MFG. BY BENDIX FOR IBM. SIMILAR TO BENDIX # AY-401-2. OPERATES FROM 26 VOLTS 400 CYCLE SINGLE PHASE WHEN USED IN CONJUNCTION WITH BENDIX # AY-201 SYNCHRO CONTROL TRANSFORMERS IT WILL OPERATE UP TO 20 UNITS. WILL ALSO OPERATE FROM 6 VOLT 60 CY. WITH A SLIGHT LOSS. SIZE: 2 $\frac{1}{2}$ x2 $\frac{1}{2}$; SHAFT 1/16x $\frac{1}{2}$; WT: 12 OZ. PRICE: NEW \$2.95 2 FOR \$5.00



AY-201 SYNCHRO CONTROL TRANSFORMER
MFG. BY BENDIX, ROTOR 1 PHASE 26 VOLT 400 CYCLE, STATOR 3 PHASE 11.8 VOLTS. SIZE: 1 $\frac{1}{2}$ x1 $\frac{1}{2}$ SHAFT 1/2 x1/16; WT: 3 OZ. CONDITION REMOVED FROM EQUIPMENT. PRICE: \$1.95 EACH 3 FOR \$5.00

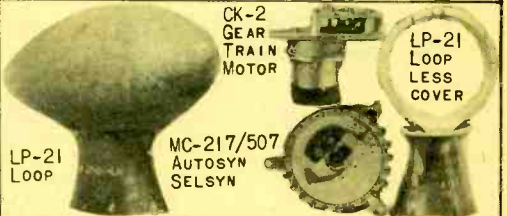


KEARFOOT R-200 SYNCHRO CONTROL
TRANSFORMER. ROTOR 26 VOLT 1 PHASE 400 CYCLE, STATOR 11.8 VOLT 3 PHASE. SIZE: 1x1-3/4, SHAFT 1/16 x 1/2; WT: 3 OZ. CONDITION REMOVED FROM EQUIPMENT. PRICE: \$2.95 EACH
KEARFOOT SYNCHRO RESOLVER R-235, ROTOR 2 PHASE 26 VOLTS, STATOR 2 PHASE 11.8 VOLTS 400 CYCLE. SIZE: 1x1-3/4; SHAFT 1/16x $\frac{1}{2}$; 3oz. REMOVED FROM EQUIPMENT. PRICE: \$2.95

2J1F1 SELSYN GENERATOR
NORMALLY OPERATES FROM 115/57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 36 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM TO THE RIGHT. SIZE 2 $\frac{1}{2}$ x4 $\frac{1}{2}$; WT: 8 OZ. PRICE: WITH CONNECTOR CAPS. \$2.95

SELSYN SYNCHRO

NAVY TYPE SYNCHRO GENERATOR
5G MK1, Mod. 5; 115/90 V. 60 CYCLE. CAN BE USED FOR DIRECTIONAL CONTROL TO A REMOTE POSITION IN PAIRS AS TRANSMITTER & RECEIVER. EACH UNIT WILL FOLLOW OTHER UNIT IN DIRECTION AND SPEED OF ROTATION.
HEAVY DUTY GEAR TRAIN WITH SELSYN/SNYCHRO AS ILLUSTRATED, SIZE 10x8x5, WT: 12 LBS. \$7.95
SELSYN/SYNCHRO ONLY 6 $\frac{1}{2}$ x4 WT: 5 " 5.95
GEAR TRAIN ONLY 10x3x5 WT: 7 " \$1.50



LP-21LM LOOP ANTENNA AS USED ON AIRCRAFT WITH RADIO COMPASS RECEIVERS FOR USE IN THE 200 TO 1750 KC. COMPLETE LOOP ILLUSTRATED TO THE LEFT. ILLUSTRATION TO THE RIGHT IS WITH HOUSING REMOVED AND IN THE CENTER ARE ILLUSTRATED THE GEAR TRAIN MOTOR, REVERSIBLE CK-2 AND AUTOSYN SELSYN MC-217/MC-507 WHICH ARE INSIDE THE BOTTOM HOUSING ALSO CONTAINED THEREIN IS A SLIP RING ASSY. MOTORS OPERATE FROM 26 VOLT 400 CYCLE BUT CAN BE OPERATED FROM 60 CYCLE AS SHOWN IN WIRING DIAGRAM BELOW.
SIZE: OVERALL 20x16x10; WT: 12 LBS. COND. USED.
LP-21-LM LOOP COMPLETE WITH HOUSING \$9.95
LP-21-LM " " LESS " 6.95
CK-2 GEAR TRAIN MOTOR ONLY 4.95
MC-217/MC-507 AUTOSYN SELSYN 3.95
PL-112 PLUG TO FIT LOOP 9 CONTACT 2.50
PL-108 PLUG " " 4 " 1.50



I-82A 5" INDICATOR



I-81A 3" INDICATOR

I-82A INDICATOR 5" ILLUSTRATED TO LEFT ABOVE 0-360 DEGREE SCALE CONTAINS A MATCHING AUTOSYN MOTOR TO BE USED WITH THE LP-21LM LOOP. OPERATES FROM 26 V 400 CYC. (60 CYC SEE BELOW)
I-81A INDICATOR 3" ILLUSTRATED TO RIGHT ABOVE 0-36 DEGREE SCALE CONTAINS A MATCHING AUTOSYN THAT WAS USED WITH THE LP-21LM LOOP. OPERATES FROM 26V 400 CYC. (60 CYC. SEE BELOW)
I-82A INDICATOR 5" USED \$3.95
I-81A INDICATOR 3" USED 2.95
PL-118 CONNECTOR PLUG FOR INDICATORS 2.50EA

P 4 COMPUTER

MFG. BY SPERRY GYROSCOPE CO. THIS UNIT WAS GIVEN MUCH OF THE CREDIT FOR THE SUCCESS OF THE B-29 BOMBER SQUADRONS. CONSISTS OF AN INTRICATE OPTICAL SYSTEM MFG. BY EASTMAN - KODAK THAT INCLUDES TWO PERISCOPE - THAT REVOLVE, ONE 22" OTHER 68" AND ARE INTERCHANGEABLE. THE MAIN UNIT IS 35x25x11 AND CONTAINS VARIOUS TYPES OF SMALL 24 VOLT DC MOTORS, PRECISION SEXTANT, SWITCHES, GEARS CAMS, BEARINGS AND THOUSANDS OF OTHER PARTS. SHIPPING WT: 250 LBS. PRICE: UNUSED \$59.50



SIGNAL LIGHT

SIGNAL LIGHT NAF# 1171-2, 26 VOLT D.C. SEALED BEAM WITH FOUR FILTERS, RED GREEN & AMBER. TRIGGER SIGNALING OR CONSTANT AS A SPOT LIGHT. WITH 10 FT. RUBBER CORD, MOUNTING BRACKET AND FIBER CARRYING CASE. SIZE 6x8; WT: 8 LB. UNUSED \$4.95



TS 47/APR ASSY.

CONDENSER & COIL ASSEMBLY AS USED IN TS-47/APR TEST SET. FREQ. RANGE 40 TO 500 MC. CONSISTS OF VARIABLE BUTTERFLY CAPACITOR ASSEMBLY INCLUDING OSCILLATING CIRCUIT THAT USES 9002 TUBE. SIZE 4x5x3; WT: 3 LBS. STK# 3F3901-47/C2 PRICE: NEW \$9.95



BC-638 FREQUENCY METER 100 TO 156 MC CRYSTAL CONTROL ON FOUR PRE-SET FREQUENCIES; VARIABLE TUNING WITH MAGIC EYE CONTROL. USED WITH SCR-522 AND OTHER SETS. OPERATES FROM 115 VOLT 60 CYCLE ALSO PROVISIONS FOR BATTERY OPERATION AND HAS SELCONTAINED MODULATOR. RACK PANEL MTG. 19" x 7x9; WT: 35 LBS. PRICE: USED \$12.95



TS-16/APN TEST SET FOR CHECK-ALTIMETERS IN THE 418 TO 462 MC BANDS. UNIT CONTAINS A 5" 6 BAND DIAL THAT IS USED TO SELECT THE AUDIO SIGNAL THAT IS VARIABLE FROM 50-3000 CYC THE 2" 0-30 VDC METER IS USED TO INDICATE THE BANDWIDTH WHEN THE WAVEMETER CONTROL IS VARIED IN ACCORDANCE WITH INSTRUCTIONS FURNISHED WITH SET. OPERATES FROM 24 VOLTS DC. SIZE: 17x15x11; WT: 40 LBS. PRICE: USED \$9.95

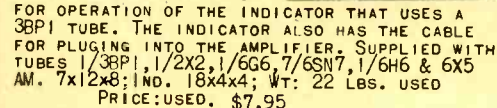
TS-170/ARN-5 TEST OSCILLATOR 332.6 333.8 335.0 MC

BATTERY OPERATED, CRYSTAL CONTROLLED ON THREE PRESELECTED FREQUENCIES, 90 & 150 CYCLE MODULATION; USED TO ALIGN GLIDE PATH RECEIVER & DETERMINE SENSITIVITY 2", 0-1 DC MILLIAMPERE METER FOR MEASURING CIRCUITS. HOUSED IN ALUMINUM CARRYING CASE 12x9x8, WT: 12 LBS. NEW 16.95 PRICE: USED \$12.95



I-199 TEST SET DYNAMOTOR & HAND GENERATOR TESTER USED TO CHECK EQUIPMENT UNDER LOAD CONDITIONS. INPUT VOLTAGE READINGS 0-60 VOLTS DC & 60 AMPS. D.C. OUTPUT VOLTAGES 0-1200 VOLTS D.C. & 600 MA. D.C. ALSO PERCENTAGE OF RIPPLE IN THE INPUT & OUTPUT, ALL SHOWN ON 3" RD. METERS ALSO CONTROLS FOR VARIING VOLTAGE & CURRENT UNDER LOAD. SIZE: 18x12x11; WT: 40 LBS. PRICE: USED \$29.50 NEW \$39.50

AM-6/APA-1 AMPLIFIER & ID-15 APA-1 INDICATOR WHICH ARE SEPARATE UNITS. AMPLIFIER CONTAINS THE 115 VOLT 400 CYCLE SUPPLY AND THE VIDEO CIRCUITS FOR OPERATION OF THE INDICATOR THAT USES A 3BP1 TUBE. THE INDICATOR ALSO HAS THE CABLE FOR PLUGGING INTO THE AMPLIFIER. SUPPLIED WITH TUBES 1/3BP1, 1/2X2, 1/6G6, 7/6SN7, 1/6H6 & 6X5 AM. 7x12x8; IND. 18x4x4; WT: 22 LBS. USED PRICE: USED. \$7.95



I 177 TUBE CHECKER

USED \$29.95
NEW 49.50

PORTABLE DYNAMIC MUTUAL CONDUTANCE TYPE WITH 3" METER FOR INDICATING GOOD, BAD OR QUESTIONABLE ALSO GASES, SHORTS & NOISE. WILL CHECK 4 TO 7 PIN LARGE, SMALL, OCTAL, LOCTAL, ACORN ETC. WITH CHART FOR TUBES BEFORE 1953 LATER TYPES SEE BELOW. SIZE 5 1/2 x 15 1/2 x 8 1/2; 16 LBS



I-177 TUBE CHECKER ADAPTER; NEWLY MANUFACTURED UNIT TO REPLACE THE MX-949/U MILITARY TYPE. HAS SOCKETS TO TEST 7&9 PIN MINIATURE, OCTAL, LOCTAL, NOVAR AND COMPACTRON TUBES. PIN PLUGS ARE USED FOR THE TUBE SET-UP. \$26.50



BIGELOW I-177/MX-949 SPEC. ADAPTER I-177 SERIES TUBE SET-UP CARDS FOR USE WITH THE ABOVE DESCRIBED ADAPTER TO CHECK THE MORE MODERN TYPE TUBES. MANY TYPE ARE NOW SET UP AND YOU GET A ONE YEAR TUBE DATA SUBSCRIPTION FOR ADDITIONAL TYPES. ORDER BIGELOW I-177 CHART.... \$4.99

TESTER ASSEMBLY T-101001 STABILIZATION TEST SET FOR AUTOMATIC PILOT. CONTAINS A 2 1/2" AC METER WITH CENTER SCALE 50-0-50 & 15-0-15, 5 POSITION METERING SWITCH FOR RANGE & 11 POSITION SWITCH FOR MEASURING VOLTAGE FROM THE EXTERNAL PIN-JACKS OR CONN. PLUG. ALSO HAS 7 TOGGLE SWITCHES, 4 LIGHTS, 2/6AL5 & 1/2C51 TUBES. IN ALUMINUM CARRYING CASE. SIZE: 13x11x11. WT: 22 LBS. PRICE: USED \$6.95



I-95 FIELD STRENGTH METER USED TO CHECK THE SIGNAL OUTPUT & MODULATION OF THE SCR-522 RADIO SET WHICH OPERATES IN THE 100-156 MC. AM BAND. CAN BE USED FOR ANY SET IN THIS BAND. CONSISTS OF A 2" METER, CALIBRATED DIAL, TELESCOPING ANTENNA WITH 1S5 TUBE IN A VACUUM-TUBE VOLTMETER CIRCUIT. REQUIRES BATTERIES DRY CELL 2/22 & 1/1 1/2 V. SIZE: 8x7x7 1/2; WT: 14 LBS. USED \$12.95



ALTIMETER TEST SET

TS-10B APN

USED FOR CHECKING SENSITIVITY, TUNING, ANTENNA SYSTEMS, CALIBRATION AND LIMIT CALIBRATIONS OF ALTIMETERS. CONTAINS 370 FT & 70 FT 58OHM RG-54A/U COAXIAL CABLE LEAD LINES, L-101 COAXIAL ATTENUATOR, ID-98 INDICATOR, 2/8 FT 1/20" 1/12" OF RG-8 52 OHM COAXIAL CABLE WITH PL-259 CONNECTOR EA. END AND 4/80-239 CONNECTORS. COMPLETE IN CARRYING CASE 19x15x7 WT 36 (SEE PAGE 5 FOR COAXIAL CABLE & CONN. ONLY) PRICE: USED \$15.00 UNUSED \$18.00

I-61 TEST SET FOR TRANSMISSION MEASURING

PORTABLE BATTERY OPERATED UNIT USED TO MEASURE LOSSES OR GAINS IN CIRCUITS OR APPARATUS. AUDIO OSCILLATOR FREQUENCIES OF 500, 1000 AND 2500 CYCLES WITH LEVELS OF -40DBM, -20 DBM OR 0 DBM INTO A 600 OHM LOAD, THE RECEIVING AMPLIFIER IS CALIBRATED TO MEASURE LEVELS FROM A 600 OHM SOURCE BETWEEN -50 DBM & 15 DBM IN STEPS OF 0.5 DBM OVER THE FREQUENCY RANGE OF 100 TO 10,000 CYC THE 0 DBM IS ONE MILLIWATT IN 600 OHMS.



UNIT ALSO CONTAINS A EE-88 FIELD TELEPHONE, BATTERY OPERATED ASSY. WITH A TS-9 HANDSET. AND BE PURCHASED WITHOUT THIS ASSEMBLY. COMES IN WOOD CARRYING CASE 18x11x11; WT: 47 LB PRICE, COMPLETE WITH TELEPHONE ASSY & TS-9 USED \$29.95 RE-NEW \$39.50 LESS TEL. ASSY " 19.95 " " 29.50

I-242 RADAR TEST SET DESIGNED TO FURNISH A COMPARATIVE INDICATION OF TRANSMITTER OUTPUT AND MEASURE PULSE RECURRENCE RATE. CONSISTS OF DUMMY LOAD WITH 3" METER 0-50 MA WITH 0-100 SCALE. UNUSED SIZE 8x10x11; 14 LBS. \$8.95



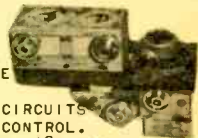
URC-4 TEST SET

TS-684/URM-30 ANALYZER FOR URC-4 RADIO SET, ALIGNMENT AND TESTING CONTAINS 0-1 MA METER, METERING SWITCH, CRYSTAL OSCILLATOR, ANTENNA CABLES ETC. IN METAL CARRYING CASE. SIZE: 6x6x4; WT: 4 LBS. NEW \$8.95



U.H.F. TUNERS

ULTRA HIGH FREQUENCY ASSY. TUNING UNIT USING 2C39 TUBE AS DRIVER AND 4 2C39 AS A POWER AMPLIFIER. FREQ. OUTPUT 225-350 MC., 6F4 TUBE OSCILLATOR 112-175 MC. AND 6F4 DOUBLER CIRCUIT, TUNED CIRCUITS ARE GANGED FOR SINGLE KNOB CONTROL. ALSO HAS HAYDON 4.5 V. 75 MA. 12R.P.M. TIMER MOTOR. REMOVED FROM ARC-12 EQUIPMENT. SIZE: 10x6x4; WT: 7 LBS. #KS10362 PRICE: LESS TUBES \$3.95



ULTRA HIGH FREQUENCY TUNER; CONSISTS OF REC. R.F. AMPLIFIER MIXER, AND H.F. OSCILLATOR 225-350 MC. OUTPUT TO I.F. 15.1 MC., USES 6/6AK5 AND 1/12 AS6 TUBES, ALSO CRYSTAL BETWEEN 13 AND 41.5 MC., VARIABLE CONDENSERS ONE FOUR GANG 4-25 MMFD PER SECTION, OTHER 4 GANG 3 SEC. 4-25 AND ONE SEC. 5-41 MMFD, SINGLE DIAL CONTROL. REMOVED FROM ARC-12 EQUIPMENT. SIZE: 8x5x3; WT: 4 LB STK# KS-10329 PRICE: LESS TUBES \$2.95



TS-36/AP X BAND RADAR POWER METER; GENERAL PURPOSE TEST INSTRUMENT USED FOR CHECKING RADAR SETS IN THE X BAND. W/O-200 DC MICROAMP METER, 3/8" RD. BATTERY OPERATED. ALSO HAS SQUARE WAVE GUIDE ATTACHMENT SAME AS USED ON TS-35 X BAND SIG BAND SIGNAL GENERATOR. SIZE: 9x7x6 WT: 9 LBS. PRICE: LIKE NEW \$9.95



LAF-2 R.F. SIGNAL GENERATOR USED FOR ALIGNING, TESTING AND SERVICING OF RADAR & ELECTRONIC EQUIPMENT IN THE 90 TO 700 MC. RANGE, PULSE EMISSION, VOLT OUTPUT 0-100,000 MV. IMP. INPUT 10M OHMS, OUTPUT 50 OHMS, PULSE DELAY 3-300 USEC. REP. RATE 60-2500 PPS. ACC. 1%. SIZE: 13x11x18; WT: 75 LBS. PRICE USED \$75.00



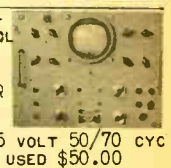
TS-118/AP R.F. WATTMETER 5-500 W. UNTUNED THERMOPILE TYPE FOR CHECKING OUTPUT OF XMTR OR AMPLIFIER, R.F. POWER 2 WATT TO 500 W OVER 20 MC. TO 750 MC. RANGE. 20-100 MC. 300 W, 100-300 MC. 500 W, 300-750 MC. 100 W. OPERATES FROM 115 AC-DC, INDICATION ON 3/4" METER SIZE: 18x10x24; WT: 35 LBS. PRICE USED \$39.50



OAP/CHZ-60ABN WAVEMETER-OSCILLATOR 140 TO 240 MC. R.F. VTVM CIRCUIT WITH 6E5 MAGIC EYE INDICATOR TUBE. SO-239 CONNECTORS FOR INPUT CIRCUITS, WAVEMETER, V.T.V.M. OUTPUT OSCILL. OSCILL. CALIB. 50 OHM NON-INDUCTIVE LOAD. 115 VOLT 50-70 CYC SIZE: 9x15x10; WT: 35 LBS. PRICE: USED WITH CALIBRATION CHART \$19.95



TS-28/UPN OSCILLOSCOPE; SYNCHROSCOPE TESTING 5" SCREEN, INCL SWEEP CIRCUITS MODIFIED FROM USUAL TYPES TO PROVIDE MARKER AND TRIGGER PULSES, SWEEP FREQ RANGE 20 TO 3000 CYC. 5 MC. VIDEO AMP. SWEEP, INPUT IMPED. 40 MMF LOAD. OPERATES FROM 115 VOLT 50/70 CYC SIZE 18x21x22; WT: 85 LBS. USED \$50.00



C-113/TRA-2 CONTROL UNIT, USED FOR REMOTE CONTROL OF T-14/TRC-1 TRANSMITTER, OPERATES FROM 115/230 V 60 CYCLE SUPPLIES 56 VDC @ 130 MA. FOR OPERATION OF MIC. & PHONE CIRCUITS UP TO 2 MILES FOR INTERCOM USE FROM A TWO WIRE CIRCUIT. WITH PORTABLE CASE, CABLES, RELAYS ETC. SIZE 14x9x12; WT: 30 LBS. PRICE: UNUSED \$4.95



STROWGER RELAY

STROWGER STEP BY STEP RELAY ASSEMBLY IS USED IN CENTRAL OFFICE DIAL TELEPHONE EXCHANGE. THIS IS THE HEART OF THE DIAL TELEPHONE SYSTEM AS IT HAS THE TEN STEP BANK SELECTION AND 10 STEP LINE SELECTION TRUNK LINE SENSING MECHANISM WITH NECESSARY HOLD AND RELEASE RELAYS. (THE BANK OF ROTARY STEPPING SWITCHES IS NOT PART OF THIS ASSY) SIZE 14x5x7; WT: 13 LBS. WE#ED55242-31G1 PRICE: USED \$5.95



TELEPHONE BANK

TELEPHONE RELAYS FOR LINE USE. OPERATES FROM 48 VDC, 1000 OHM Z A SINGLE CONTACT, 500 OHM Z BR DOUBLE CONTACT, 20 OF EACH RELAY MOUNTED FOR 26" RACK. SHPG. WT: 35 LBS. REMOVED FROM EQUIPMENT. PRICE 40 MOUNTED RELAYS \$9.50 EACH RELAY 35¢

MULTIPLEX

PHILCO SIGNALING & TERMINATION UNIT CST-2 STANDARD 19" RACK AND IS USED IN MULTIPLEX SYSTEMS FOR TRANSMISSION OF NORMAL DIAL OR RINGDOWN SIGNALING AND TERMINATES THE FOUR-WIRE CIRCUIT OF THE MULTIPLEX INTO THE TWO-WIRE TELEPHONE CIRCUIT. A 3.5 KC OSCILLATOR TONE IS USED FOR SIGNALING WITH THE USE OF HYBRID COILS AND T PAD ADJUSTMENTS PROPER ATTENUATION OF THE VOICE LEVEL IS MAINTAINED. OPERATES FROM 115 VOLT 60 CYC AND IS COMPLETE WITH 2/12AU7 TUBES, FOUR RELAYS AND INSTRUCTION BOOK. COND. UNUSED. SIZE: 4x19x12; SHPG. WT. 50 LBS. \$9.95



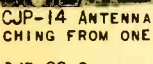
CAY-52 TRANSMITTER, SELF-PULSED EMISSION, 515 MC. PER-SECOND APPROX. 2 MICROSECONDS DURATION KEYING FREQ. 400 CYC. PER. SEC. APPROX. 5 KILOWATTS POWER
CAY-46 RECEIVER, 510 to 525 Mc. TUNABLE, 1ST IF 55 Mc. 2ND IF 16 Mc. POSITIVE VIDEO PULSE OUTPUT, INPUT IMP. 50 OHMS, OUTPUT 230 OHMS. WITH 11 TUBES.



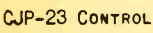
CJP-55 INDICATOR, CR TUBE 58P1 VERTICAL TRACE, HORIZONTAL DEFLECTION, 400 CYC. SWEEP, APPROX RANGE 0-2, 7, 28 & 70 NAUTICAL MILES.



CJP-20 RECTIFIER POWER SUPPLY SUPPLIES ALL THE VOLTAGES NEEDED FOR OPERATION OF THE EQUIP. POWER INPUT 115 VOLT 600-1400 CYCLE, 1 PH. 3 AMPS. 345 WATTS.



CJP-14 ANTENNA SWITCHING UNIT, USED FOR SWITCHING FROM ONE ANTENNA TO ANOTHER, 24 VDC



CJP-23 CONTROL UNIT, FOR MANUAL CONTROL EQUIP.

ONE OF EACH PIECE EQUIPMENT DESCRIBED ABOVE ACTUAL WEIGHT 90 LBS, SHPG. WT. 130 LBS. CONDITION UNUSED, PRICE: \$49.75

AUTO CONTROL

ELECTRIC AUTOTUNE ASSEMBLY THAT OPERATES FROM 115 VOLT 60 CYCLE, 1/100 HP CAPACITOR TYPE MOTOR WITH AUTOMATIC GEAR & RACHETT ASSEMBLY THAT ENABLES YOU TO PRE-SET MOTOR ANY 10 POSITIONS IN 360 DEG. UNIT IS GEARED TO A TWO DECK 12 POSITION CERAMIC WAFER SWITCH THAT TERMINATES INTO A PLUG-IN SOCKET. TAKE OFF OF POWER CAN BE MADE AT BACK OF MOTOR OR CERAMIC SWITCH MAY BE REMOVED. ADJUSTMENTS FOR STOPS ARE MADE AT THE MOTOR AND THE CONTROL PANEL CAN BE LOCATED AT A REMOTE POSITION WHERE THE MOTOR STOP CAN BE SELECTED, PANEL ALSO HAS LIGHT DIMMER CONTROL AND LOCAL & REMOTE POSITION SWITCH. PART OF RDZ AUTOTUNE; COLLINS #596A RDZ#23491 SIZE: 9x4x7; WT: 7 LBS. PRICE: NEW \$5.95



MD-34/ARA-8 MODULATOR KEYING UNIT AUTOMATIC HOMING KEYING ASSY. THAT OPERATES FROM 24 VDC MOTOR THAT IS CONNECTED TO A WORM GEAR WHICH ACTUATES THE CODED WHEEL THAT INTERRUPTS THE SIGNAL AND TRANSFERS FROM ONE ANTENNA TO ANOTHER. ALSO HAS RELAY AND THREE SO-239 TYPE COAX. CONN. CAN BE USED AS A REMOTE ANTENNA CHANGE-OVER. SIZE: 3x10x4; WT: 5 LBS. PRICE: USED..... \$1.95



TP-7 REPEATER, VOICE FREQUENCY FOR USE ON FOUR WIRE LINES AS A THROUGH OR TERMINAL REPEATER. CONSISTS OF TWO, TWO-STAGE AMPLIFIERS THAT THE INPUTS AND OUTPUTS CAN BE SWITCHED FROM 300, 600 OR 1200 OHM IMPEDANCE.

COMPENSATING CONTROLS FOR VARIATION OF TRANSMISSION LOSSES DUE TO THE LINE AND TO ALLOW ADJUSTMENTS IN ORDER TO OBTAIN A FLAT FREQ. RESPONSE. EACH AMPLIFIER HAS A OPERATING GAIN OF 35 DB AT 1000 CYCLE OR A POWER LEVEL OF 20 DB. OPERATES FROM 12 VDC OR 110 V. 60 CYCLE. FOR PORTABLE USE OR RACK MOUNTING. SIZE: 9x9x20; WT: 40 LBS. UNUSED \$12.95



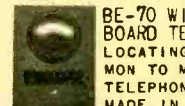
TG-30 REPEATER, TELEGRAPH TERMINAL FOR TRANSMITTING OR RECEIVING ON A HALF DUPLEX ONE CHANNEL OPERATION. CAN BE USED TO INTERCONNECT NEUTRAL AND POLAR ENTIAL OR TWO PATH POLAR

TELEGRAPH OR TELETYPEWRITER SYSTEMS ON SIMPLIFIED OR COMPOSITED RETURN CIRCUITS. SPEED 60/66. OPERATES FROM 115/230 V. 50/60 CYC & 115 VDC SHIPPED IN WOOD CHEST 25x16x14; 175 LBS PRICE: USED \$12.95 RE-NEW \$16.95



TELEGRAPH REPEATER WE#61824A, TWO COMPLETE UNITS WITH RECTIFIERS THAT OPERATE FROM 115 V. 50-60 CYCLE. THE REPEATERS ARE DESIGNED TO OPERATE AT TELETYPE SPEEDS, OPEN WIRE COMPOSITED OR SIMPLEX CIRCUITS, 2 PATH POLAR OR OTHER FORMS OF TRANSMISSION. METERING, PATCHING JACKS, TESTING, MONITORING AND ADJUSTING CONTROLS ARE ALL AVAILABLE ON THE FRONT PANELS.

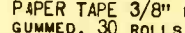
THE UNIT IS HOUSED IN A METAL CABINET WITH A HINGED DOOR FRONT & BACK. SIZE: 22x17x42; WT: 200 LBS. RE-NEW PRICE: LESS PLUG-IN RELAYS RE-NEW \$19.95 WITH " " " RE-NEW \$34.95



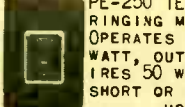
BE-70 WIRE CHIEFS TELEPHONE SWITCHBOARD TEST SET. PROVIDES A MEANS OF LOCATING PRACTICALLY ALL FAULTS COMMON TO MAGNETO AND COMMON BATTERY TELEPHONE EXCHANGES. TEST CAN BE MADE IN A SIMPLE MANNER FOR GROUNDS, SHORTS, OPENS, CROSSES AND BAD JOINTS. UNIT CONTAINS A WESTON MODEL 24, 7 INCH, 100,000 OHM VOLTMETER, 0-40 DC SCALE, HAND CRANK GENERATOR SWITCHES ETC. SIZE: 12x18x9; WT: 32 LBS. \$11.95 RE-NEW



MODEL 14AT TELETYPE TYPING UNIT, USES 3/8" TAPE THIS EQUIPMENT WAS RECENTLY TAKEN OUT OF SERVICE AND WAS OPERATING AT THE TIME BUT IS NOT GUARANTEED TO BE IN OPERATING CONDITION. SIZE: 15x15x15; WT: 100 LBS. PRICE: \$49.95



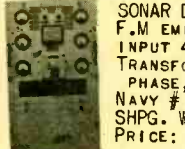
PAPER TAPE 3/8" FOR TELETYPE MACHINES, NOT GUMMED, 30 ROLLS \$3.00/60 ROLLS \$5.00



PE-250 TELERING GENERATOR INTERRUPTER RINGING MACHINE FOR TELEPHONE LINES. OPERATES FROM 110 VOLT 60 CYCLE 50 WATT, OUTPUT 90 VOLT 20 CYCLE, REQUIRES 50 WATT LAMP FOR INDICATING SHORT OR HEAVY LOAD. 8x4x12; 15 LBS. USED \$4.95

PORTABLE REPEATER

EE-89 TELEPHONE REPEATER; PORTABLE BATTERY OPERATED, 2 WAY LINE UNIT, CAN BE USED AS TERM. OR INTERMEDIATE AMPLIFIER, USES ONE 3Q5GT TUBE, INCLUDES HEADSET ELEMENT FOR MONITORING AND GAIN CONTROL, BATTERY VOLTAGE REQUIRED 1.5 & 90 VDC. IN WOOD CASE W/CARRING STRAP. SIZE: 6x9x8; WT: 12 LBS.



SONAR DRIVER; 17 TO 26 Kc. C.W & F.M EMISSION ONE BAND, 400 WATTS, INPUT 440 VOLT 60 CYCLE 3PHASE, TRANSFORMERS CAN BE REMOVE FOR 1 PHASE, USES 6/866, 2/803, 1/801 TUBI NAVY # CRV-52329. SIZE: 17x48x24; SHPG. WT: 450 LBS. PRICE: WITH TUBES... \$59.50 " " " 35.00

MISCELLANEOUS

ANNUNCIATOR

10-214/FT ANNUNCIATOR LIGHT ASSY CALL SYSTEM NUMBERED 1 TO 100, 1-3/4 INCH NUMBERS, OPERATES FROM 48 VOLTS A.C. OR D.C. NUMBERED TERMINAL BOARD FOR EASY WIRING. WITH ALL OPERATING LAMPS & SPARES SIZE 29x35x4; SHPG. WT: 159 LBS PRICE: UNUSED \$48.95



THERMO-GRIP ELECTRIC SOLDERING IRON MFG BY IDEAL INDUSTRIES, MODEL 5C. OPERATES FROM 115 VOL 60 CYCLE 10 AMPS. OUTPUT OF TR TRANSFORMER IS 3-4 VOLTS AC, 2-300 AMPS. PLIER ATTACHMENT IS

INTENDED TO BE USED FOR SOLDERING LUGS UP TO 150 AMPS OR COPPER PIPE UP TO 3/8". PLIER IS 12" LONG AND CABLES 52". WITH SUITABLE ATTACHMENTS TRANSFORMER CAN BE ALSO USED FOR HEAVY SPOT SOLDERING AND ETCHING. WT: 30 LBS. PRICE WITH CARRING CASE \$19.95 " LESS " " 16.95

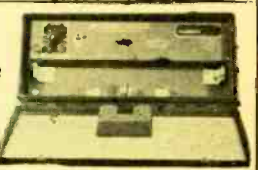


THERMO-GRIP MIDGET SIZE SOLDERING PLIERS IDEAL NO. 12-023. THESE

PLIERS ARE ONLY 9" LONG AND HAVE A 54" CABLE WITH CONNECTORS AND IS INTENDED TO BE USED WITH A 300 WATT TRANSFORMER FOR LIGHTER WEIGHT WORK. WT: 2 LBS.

PRICE: CABLE & PLIERS ONLY \$2.95

BC-1141 MINE DETECTOR AMPLIFIER AS USED IN SCR-625 MINE DETECTOR. HAS SENSITIVE AMPLIFIER & TONE SYSTEM THAT WAS USED TO DETECT METALS. OPERATES FROM 2 FLAHLIGHT & 93 VOLT DRY CELLS. COMPLETE WITH TUBES 2/1N5GT & 1/1G6GT, LESS BATTERIES. SIZE: 14x6x5 WT: 10 LBS. PRICE: USED \$3.95

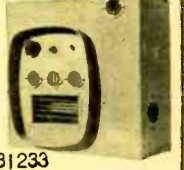


SELECTOR

SELECTOR CONTROL ASSEMBLY AS USED IN R-278 RECEIVER AND T-217 TRANSMITTER. UNIT CONTAINS 33 NUMBERED THUMB-IT WHEEL WAFER SWITCHES WHICH CAN BE MOUNTED SINGLY OR IN BANKS, 23 11 CONTACT, 10 19 CONTACT, ALSO 4 A.C. RELAYS ON A 10 CHANNEL GEAR TRAIN WITH 115 VOLT 60 CYCLE MOTOR, CHANNEL SELECTOR SWITCH RESISTORS CONDENSERS ETC. SIZE: 16x9x9; WT: 1 LBS. PRICE: USED WITH GOOD MOTOR \$12.95 " LESS " " 8.95

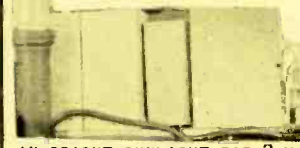
HEATER

HEATING & VENTILATING UNIT 5000 BTU GASOLINE HEATING, ELECTRIC GLOW PLUG STARTING, SELF CONTAINED GAS TANK, 115 VOLT AC OR DC BLOWER, APPROX. 150 CFM, VARIABLE SPEED CONTROL FOR BLOWER OUTPUT. UNITS ARE UNUSED BUT SHELFWORN. SIZE: 13x13x11 WT: 29 LBS. STK #31233 PRC PRICE: \$16.95



VISUAL FLASH LAMP

USED BY AIRCRAFT OR GROUND UNITS FOR IDENTIFICATION PURPOSES. DESIGNED TO DELIVER EXTREMELY BRIGHT FLASH OF LIGHT 1 FLASH PER 1/2 SEC. WHICH CAN BE SEEN BY AIR IN BRIGHT SUNLIGHT FOR 3 MILES OR 1 MILE ON THE GROUND. AVAILABLE FOR 6, 12 OR 24 V. OPERATION. CONSISTS OF A HIGH VOLTAGE CONVERTER USING A VIBRATOR TYPE POWER SUPPLY, SLYVANIA TUBE #1073. COMPLETE WITH 20 FT. CABLE SPARE PARTS & MANUAL. IDEAL FOR BOATS, PLANES, AUTO BOAT LANDINGS, COTTAGES, PHOTOGRAPHIC WORK ETC. (CAN BE OPERATED FROM 115 VOLT BY USING OUR D.C. POWER SUPPLIES LISTED ON PAGE 7) SIZE: 17x10x4; WT: 50 LBS. UNUSED \$29.50





ART-13 TRANSMITTER

100 WATT AIRCRAFT AUTOTUNE TRANSMITTER

MAKES A VERY SATISFACTORY AMATEUR UNIT FOR 80, 40, 20 AND 10 METERS. THE AUTOTUNE FEATURE PERMITS YOU TO PRESET THE FREQUENCY DESIRED ON ANY 10 PRESELECTED CHANNELS. (FOR CONVERSION INSTRUCTIONS SEE MANUALS #2 & #3 \$3.00 EA.) TUBE LINEUP 1/837, 1/813, 2/1625, 1/125J7, 2/6V6, 2/811, 2/12SL7, 1/12SA7. VOLTAGE REQUIRED 28VDC 10AMP, 400VDC, 225MA & 1250VDC 250MA. SIZE: 23 1/2 x 16 x 11 1/2 WT. 70 LBS

PRICE: USED \$59.50
CONNECTOR PLUGS FOR TRANS. U/7 & U/8 \$2.50 EA. DYNAMOTOR FOR ART-13 WITH FILTERS & RELAYS 28VDC INPUT. PRICE: USED \$12.95

NEW CONNECTOR PLUGS FOR DYNAMOTOR U-9 OR U-10 EACH \$2.50
CU-24/ART-13 ANTENNA SHUNT CAPACITOR CONSISTS OF 3 CAPACITORS 25MMF 10KV PRICE USED \$1.00

O-17/ART-13 LOW FREQUENCY OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 TUBE. ALL OPERATING VOLTAGES ARE OBTAINED FROM THE TRANS. POWER SUPPLY. SIZE 5 1/2 x 5 1/2 x 9; WT: 4 LBS. USED \$5.95



SA-22/ART-13 ANTENNA SWITCHING UNIT CONTAINS A BENDIX VACUUM RELAY LM-26G, 24VDC, 2 POSITION CERAMIC SWITCH & 4 LARGE INSULATORS SAME AS USED ON TRANSMITTER, ALSO SO-239 COAX. CONNECTOR. SIZE: 11x7x7 WT: 10 LBS

PRICE: NEW \$4.95

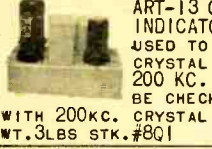


VARIOMETER COIL FOR ART-13 L-112, ROTOR & STATOR COILS WITH GEARED COUPLING. 4 1/2 x 5 x 3; 2 LB. USED \$1.95

RELAY, OUTPUT CIRCUIT SELECTING, 24 VDC #K105 6x2x3; 2 LB. USED \$2.95



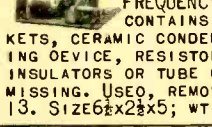
ART-13 AUDIO SPEECH AMPLIFIER CONTAINS TWO 6V6GT & ONE 12SJ7 TUBES, CAN BE USED FOR CARBON OR DYNAMIC MIC. SIZE: 7x4x3 1/2; WT: 4 LBS. USED STK #2C254 PRICE \$5.95



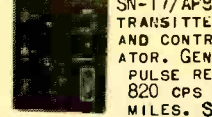
ART-13 CFI CALIBRATION FREQUENCY INDICATOR & MCW OSCILLATOR ASSY. USED TO PROVIDE A CONSTANT CRYSTAL CONTROLLED STANDARD OF 200 KC. IN ORDER THAT FREQ. CAN BE CHECKED ALSO 1000 CYCLE TONE. WITH 200KC. CRYSTAL & 2 TUBES SIZE 6x5x3 WT. 3 LBS STK. #8Q1 PRICE USED \$6.95



POWER AMPLIFIER & SWITCHING ASSY. FOR ART-13. CONTAINS COILS L-114, 113, SWITCHING DEVICE 113B, C, D, CONDENSERS ETC. USED SIZE 8 1/2 x 5 1/2 x 3 1/2; WT: 4 LBS. \$4.95



FREQUENCY MULTIPLIER CONTAINS, 2/TUBE SOC KETS, CERAMIC CONDENSERS, SWITCHING DEVICE, RESISTORS ETC. (SOME INSULATORS OR TUBE CAPS MAY BE MISSING. REMOVED FROM ART-13. SIZE 6 1/2 x 2 1/2 x 5; WT: 5 LB. \$6.95



SN-17/APS-10 SYNCHRONIZER, \$9.95 TRANSMITTER & RECEIVER ALSO SWEEP AND CONTROL CIRCUITS FOR THE INDICATOR. GENERATES CONTROL FOR THE PULSE RECURRENCE RATES OF 410 TO 820 CPS AND RANGE MARKS OF 0-4-25 MILES. SIZE 8x6x13; WT: 30 LBS.

TEST SET

TS-3A/AP RADAR FREQUENCY METER 2400 TO 3400 Mc USING A TUNEABLE CAVITY ALSO HAS 3" METER FOR TESTING POWER OUTPUT, 0-2 MA. MOVEMENT 0-20 SCALE. USED WITH SCR-717/720 RADAR SET. WITH CABLES, TEST LAMP, COMPUTER RULE ETC. SIZE: 8 1/2 x 8 1/2 x 8; WT: 25 LBS. PRICE: UNUSED \$9.95

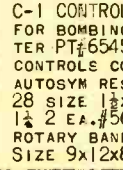


AIRPORT MARKER BEACON 75MC TRANSMITTER RECEIVER

CDE-52326 NAVY MODEL MARKER BEACON TRANSMITTER PORTABLE UNIT THAT OPERATES FROM 115 VOLTS 60CYC WHICH TRANSMITS A KEYED OR A CONTINUOUSLY MODULATED SIGNAL VERTICALLY IN A BALLON-SHAPED PATTERN ON 75MC. USED AT AIRPORT LANDING FIELDS RUNWAYS IN CONJUNCTION WITH MARKER BEACON RECEIVERS THAT ARE INSTALLED IN THE PLANE THUS ENABLING THE PILOT TO KNOW WHEN HE IS OVER THE RUNWAY. (IN CONJUNCTION WITH HIS OTHER INSTRUMENTS.) WATTAGE OUTPUT (1) ONE WATT, MASTER OSCILLATOR & MODULATED CW, 400CPS, 1300CPS, 3000CPS TUBE LINEUP 4/6V6, 2/6SN7, 1/6SR7, 1/65, 2/VR150, 30 & 1/5Y3. COMPLETE WITH TUBES & DIPOLE ANTENNA & OPERATING MANUAL. SIZE: 17 1/2 x 10 1/2 WT 35 LBS PRICE UNUSED \$29.95



BC-1033 MARKER BEACON RECEIVER 75MC. USED TO RECEIVE SIGNALS FROM ABOVE TRANSMITTER. WHEN SIGNAL IS RECEIVED IT OPERATES A RELAY IN THE RECEIVER WHICH IN TURN CAN BE USED TO OPERATE SIGNALS, LIGHTS, MOTORS, TURN ON EQUIPMENT ETC. VOLTAGE REQUIRED 24VDC. COMPLETE WITH TUBES 1/12SN7, 1/6SH7, 1/6SL7 SIZE: 3x5 1/2 x 5 1/2 WT. 3 LBS. PRICE: USED \$2.95



C-1 CONTROL BALLISTICS BOX; FOR BOMBING NAVIGATIONAL COMPUTER PT#654573; HAS 4 DIALS WITH CONTROLS CONNECTED BY GEARS TO AUTOSYN RESOLVERS SPERRY #6624-28 SIZE 1 1/2 x 1 1/2 x 5 EA. #662426 1 1/2 x 1 1/2 EA. #5663478 3x2 1/2 2 EACH. ROTARY BAND SWITCH 4 DECK 10 POS. SIZE 9x12x8; WT: 20 LBS. \$7.95

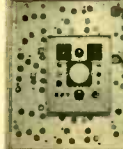


AMMUNITION FIRE CONTROL POWER DISTRIBUTION PANEL 171E608G1 & 519E147G1; TWO DIALS THREE GEAR CONTROL, 2 THREE DIGIT COUNTERS WITH MANUAL RELEASE AND HOLD 24 V OPERATION, 7 SWITCHES, TERMINAL STRIPS ETC. SIZE: 11x11x5; WT: 15 LBS. PRICE: USED \$4.95

OSCILLATOR

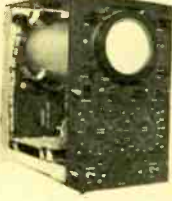


R.F. OSCILLATOR. PART OF GKA-1 EQUIPMENT. CONTAINS SEVERAL TYPES OF BAND PASS FILTERS, VARIABLE CONDENSER, TUBE SOCKETS TEST JACKS, RESISTORS 1%, CAPACITORS, 2/UG-88 BCN COAX. CONNECTORS, PILOT LIGHT, SWITCH, POTS ETC. OSCILLATOR FREQ. APPROX. 24 KC. SIZE: 12x12x4 1/2; WT: 13 LBS. USED \$1.95



SCOPE MONITOR CONVERTER CONVERTER-MONITOR PANEL ASSEMBLY CV-399/GPA23 PART OF COMPUTER SYSTEM. CONTAINS A GOOD 3" SCOPE FOUNDATION ASSY. USING 3CP1A C.R TUBE MOUNTED ON A PANEL 10" x 12". SCOPE PANEL HAS 0-100 VERNIER DIAL 1 1/2" PLUS CENT, FOCUS CONT. SWITCHES ETC. THE MASTER PANEL HAS 10 SEPARATE SUB-PANELS WITH LOADS OF CONDENSERS, RESISTORS TERMINAL STRIPS ALSO AUTOSYN, CONNECTORS, CONTROLS, TRANSFORMERS AND LOTS MORE. SIZE: 25 1/2 x 25 1/2 x 14; WT: 55 LBS. USED \$9.95

SCOPE



5" SCOPE FOUNDATION FROM COMPUTER INTERCEPT CONSOLE WITH A Z4360 C.R. TUBE. P/O OA/GPA-23 SYSTEM. ASSY HAS CONTROLS, VIDEO AMPLIFIER ETC NO SIDE PANELS. SIZE: 15 1/2 x 10 x 20; WT: 20 LBS. #Z4360 SCOPE FOUNDATION USED \$5.95

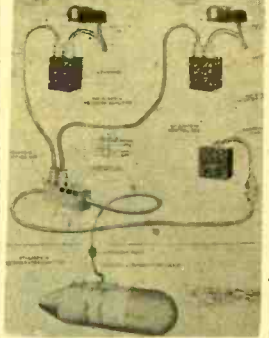


GP-7 TRANSMITTER

GP-7 NAVY AIRCRAFT TRANSMITTING, FREQUENCY COVERAGE 350 KC. TO 9050 KC. BY THE USE OF SIX PLUG IN TUNING UNITS, AM, CW & MCW OPERATION, 30-50 WATTS VOICE & 85 TO 125 WATTS CW DEPENDING ON THE FREQUENCY AND TYPE INSTALLATION. COMPLETE WITH TUBES 2/1616, 1/803, 1/801, 1/843 & 1/523, ANTENNA LOAD COIL, PILOTS & OPERATORS CONTROL BOX, COVER & MANUAL. SET OPERATES FROM 115 VOLTS 800 CYCLE AND 12 OR 24 VOLTS D.C. AS IT HAS ITS OWN SELF CONTAINED A.C. POWER SUPPLY. THE 2 1/2" METERS ARE USED FOR MEASURING PLATE, FILAMENT & OUTPUT. THE SET IS CONSTRUCTED OF ALUMINUM AND FIVE TUNING UNITS HAVE CARRYING CASES WITH SNAP-SLIDE COVERS AND CARRYING HANDLES. TRANSMITTER SIZE: 23 1/2 x 11 x 13; WT: 50 LBS. TOTAL WEIGHT OF ALL THE EQUIPMENT, PACKED 200 PRICE FOR COMPLETE SET AS DESCRIBED. \$29.50

GP-7 COMPONENTS INDIVIDUALLY PRICED

CAY 52173 TRANSMITTER - POWER SUPPLY	\$16.95
PLUG-IN TUNING UNITS	
CAY 47150A R.F UNIT 350-800 KC BAND	3.95
" 47151B " " 800-1500 " "	3.95
" 47155C " " 1500-3000 " "	4.95
" 47152D " " 3000-4525 " "	4.95
FOLLOWING TUNING UNITS HAVE ROTARY INDUCTORS	
" 47153E " " 4525-6500 " "	7.95
" 47154F " " 6200-9050 " "	7.95
EMPTY CASES FOR THE ABOVE TUNING UNITS WITH SNAP COVER AND HANDLE	1.75
" 47125 ANTENNA LOAD COIL	1.95
" 23219 PILOTS CONTROL BOX	1.95
" OPERATORS " "	2.95
INSTRUCTION BOOK	7.50



APS-4 RADAR

AIRBORNE SEARCH INTERCEPTION WITH FOLLOWING ANGULAR COVERAGE 78 DEG. AZIMUTH, ELEV-30-10 DEG. ELEVATION INTERCEPT 30-30 DEG. CONSISTS OF REC. TRANS ANT. IN ONE UNIT, TWO INDICATORS, 2 AMPLIFIERS, JUNCTION & CONTROL BOXES, WITH TUBES 2/723, 2/1B22, 4/3P24, 3/5U4, 30/6J6, 1/16AK5, 4/6SL7, 2/724, 1/725, 1/807, 1/VR-105, 4/VR-150. AS SHOWN WITH THE EXCEPTION OF CABLES CIRCLED 1, 2, 3, 4 WHICH ARE USUALLY INSTALLED IN THE AIRCRAFT. OPERATES FROM 115 VOLT 800 CYCLE & 24 VDC. SHPG. WT: 350 LBS. PRICE: USED \$79.50 UNUSED \$99.50 SET OF FIVE PLUGS LESS DETACH PLUG. \$10.00 INVERTER 800-1D FOR ABOVE INPUT 24 VDC, OUT-115 V. 800 CYC. USED \$9.95

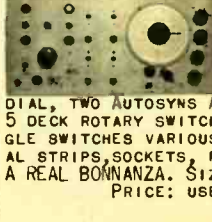


RC-58 FACSIMILE

USED TO TRANSMIT AND RECEIVE MESSAGES ON 3/8" PAPER TAPE BY WIRELESS OR OVER WIRE THE UNITS ARE USED WITH A STANDARD A.M. TRANSMITTER AND RECEIVER THE SAME TYPE EQUIPMENT MUST BE USED ON BOTH ENDS OF THE SERVICE. MESSAGES ARE WRITTEN ON THE PAPER TAPE AND FED INTO THE MACHINE WHICH IS THEN TRANSMITTED TO THE RECEIVER ON THE OTHER END FED INTO THE MACHINE WHICH RECORDS ON THE PAPER TAPE. EQUIPMENT CONSISTS OF AMPLIFIER AND RECORDER. OPERATES FROM 12 VDC. SIZE: 11x10x11 & 14x10x9; WT: 75 LBS. USED PRICE: USED \$39.50 WITH 30 ROLLS TAPE.

COMPUTER

TEST PANEL



COMPUTER TEST PANEL PART OF GPA-23 COMPUTER SYSTEM HAS ONE SYNCHRO RECEIVER 23TR6 115 VOLT 60 CYCLE, SIZE 2 1/2 x 4 1/2, CONNECTED TO 360 DEG. 5 1/2" INDICATOR DIAL, TWO AUTOSYNS AY-201S, 1 SIX POSITION 5 DECK ROTARY SWITCH, 6 PILOT LIGHTS, 10 TOGGLE SWITCHES VARIOUS TYPES, 5 BARRIER TERMINAL STRIPS, SOCKETS, POTS, CONDENSERS, RESISTORS. A REAL BORNANZA. SIZE: 17x8x11; WT: 17 LBS. PRICE: USED \$9.95

POWER SUPPLIES

RECEIVER POWER SUPPLY & SPEAKER FOR THE FOLLOWING SETS
 R-23/ARC-5 BC-453 BC-342
 R-24/ARC-5 BC-454 BC-344
 R-25/ARC-5 BC-455 BC-348
 R-26/ARC-5 BC-946 BC-429
 R-27/ARC-5 RAX

COMPLETE WITH 6" DYNAMIC SPEAKER HOUSED IN A METAL CABINET WITH CONNECTING CABLE, PLUG, PHONE JACK, VOLUME CONTROL, BFO SWITCH ETC. IF REQUIRED, CAN ALSO BE USED FOR OTHER SETS. OUTPUT 200/250 VDC @ 90/60 MA. & 24 VAC @ 2A. INPUT 115 VOLT 60 CYCLE. SPECIFY FOR WHAT SET. SIZE: 10x10x6; WT: 15 LBS. NO. P.S.(SET NUMB.) PRICE; KIT OF PARTS \$15.00 WIRED \$18.95

BC-652 RECEIVER POWER SUPPLY WITH SPEAKER SAME AS ABOVE; KIT \$20.00; WIRED \$23.95

BC-603/BC-683 RECEIVER P.S. DESIGNED TO BE PLUG IN-TO THE SAME PLACE AS THE DYNAMOTOR WITH NO CONVERSION TO THE SET THAT WILL EFFECT THE OPERATION FROM THE DYNAMOTOR. ONLY WORK REQUIRED ID ADD ON/OFF SWITCH IN PLACE OF SPAR FUSE HOLDER. TRANSFORMER TYPE USING 5Y3GT TUB

OUTPUT 220 VDC, 80 MA. & 24 VDC 2 A. WT: 5LBS. NO. P.S.603/683 KIT \$10.00 WIRED \$14.95

BC-923 RECEIVER POWER SUPPLY

OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 275 VOLTS DC, 150 MA. & 12.6 VOLTS AC. 4 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5U4G TUBE, CHASSIS, WIRING DIAGRAM, LINE CORD ETC. SIZE: 5x6x9; WT: 15 LBS. PRICES: KIT OF PARTS...\$16.00 #PS-923 WIRED... 20.95

R-77/ARC-3 RECEIVER POWER SUPPLY

OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 210 VOLTS DC @ 125 MA. & 24 VOLTS AC @ 2 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5Y3GT TUBE, CHASSIS, LINE CORD ETC. #PS-R77/ARC-3 SIZE: 5x6x9; WT: 14 LBS. (LAYOUT SAME AS 923) PRICES; KIT OF PARTS...\$15.00 WIRED \$19.95

POWER SUPPLY No. 7630019. OPERATES FROM 115 VOLT 60 CYCLE DUAL HIGH VOLTAGE OUTPUT 400 DC 200 MA & 400 DC 200 MA. ALSO 6.3 VAC 2.75 A. & 6.3 VAC 5.5 A WITH 2/5R4GY TUBES. SIZE: 10x7x15; WT: PRICE: \$19.95

CABLE WITH 18 CONTACT PLUG TO FIT P.S \$2.00

POWER SUPPLY No. 7630020VR VOLTAGE REGULATED, OPERATES FROM 115 VOLT 60 CYCLE. OUTPUT 200-250 DC @ 150-250 MA. ALSO 6.3 VAC 2.75A & 6.3 VAC 5.5 TUBES 2/6AS7G, 1/VR-105, 1/6AK7 & 1/5R4G. WT: 30 LBS. SIZE: 11x10x6 \$18.95

CABLE WITH 18 CONTACT PLUG TO FIT POWER SUPPLY PLUG, 4 FOOT \$2.00

POWER SUPPLY 763003 (MODIFIED) OUTPUT 375 VDC @ 225 MA & 6.3 VAC @ 2.75 A, 6.3 VAC @ 5.5 A. INPUT 115 VOLT 60 CYCLE. WITH 2/5R4GY TUBES. SIZE: 9 x 13 x 7; WT: 35 LBS. PRICE: \$14.95

CONNECTOR 18 CONTACT \$2.00

PP-662/GPN POWER SUPPLY, VOLTAGE REGULATED, 300 VDC 10 TO 90 MA. PLUS POTENTIAL 210 VDC MINUS. WITH TUBES 4/5651, 2/6AH6, 1/12AT7, 2/6AS7, 1/5Y3 & 1/5R4. OUTPUT PIN JACKS WITH ADJUST CENTERING SWITCH, FUSED OUTPUT & INDICATOR LIGHTS. SIZE: 10x8x20; WT: 35 LBS. NO. COVER OR PLUG IN RELAY. PRICE: USED \$14.95

DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE CORD, PILOT LIGHT, LINE FUSE ETC. INDICATED RATINGS ARE FOR LOAD CONDITIONS.

DUAL OUTPUT 12/14 OR 24/28 VDC @ 6 AMPS. SIZE 7x6x13; WT: 17 STK#PS-12/24VDC6A KIT OF PARTS...\$20.00 WIRED COMPLETE... 24.95

OUTPUT 12/14 VOLTS DC @ 6 AMPS. SIZE: 5x9x5; WT: 20 LBS. STK#PS-12VDC6A KIT OF PARTS...\$14.00 WIRED COMPLETE... 18.95

OUTPUT 24/28 VOLTS DC @ 4 AMPS. SIZE: 5x9x5; WT: 12 LBS. STK#PS-24VDC4A COMPLETE WIRED...\$17.95 KIT OF PARTS... 13.00

OUTPUT 12/14 VOLTS DC @ 4 AMPS. SIZE: 5x9x5; WT: STK#PS-12VDC4A COMPLETE WIRED...\$14.95 KIT OF PARTS... 10.00

OUTPUT 24/28 VOLTS DC @ 1 1/2 A. SIZE: 7x6x5; WT: 6 LBS. #PS-24VDC1.5A WIRED...\$10.95 KIT OF PARTS \$8.00

OUTPUT 12/14 VOLTS DC @ 2 AMP SIZE: 7x6x5; WT: 7 LBS. #PS-12VDC2A WIRED...\$9.95 KIT OF PARTS... 7.00

MOBILE SUPPLY

AVA-126 VIBRATOR POWER SUPPLY; OUTPUT 300 VDC 100 MA. OPERATES FROM 6, 12 OR 24 VOLTS D.C WHEN THE PROPER VIBRATOR IS USED, OCTAL BASE. SUPPLIED WITH 6 VOLT VIBRATOR (USED WITH AVT-112 AIRCRAFT TRANS) ILLUSTR. COVER REMOVED. UNUSED SIZE: 7x7x7; WT: 12LBS. \$4.95

RACK SUPPLY RA-42A POWER SUPPLY; RACK MOUNTING 19", 115/230 VOLT 60 CYCLE OPERATION, OUTPUT 200 TO 250 VOLT D.C. 100 MA 2 1/2" VOLT AND MILLIAMPER METER 19"x7"x8"; WT: 30 LBS. RA-42A WITH METERS RE-NEW \$12.95 USED \$9.95 RA-42B LESS " " 9.75 " 6.75

POWER CONVERTER

TRANSISTORIZED POWER CONVERTER 12 VOLTS D.C. TO 117 VOLTS A.C. POWERFUL 125 WATTS CONTINUOUS DUTY WITH POWER TO SPARE FOR EXTRA YEARS OF SERVICE. PLUGS INTO CIGAR LIGHTER OF AUTO OUTLET AND WILL OPERATE LIGHTS, SHAVERS, RADIOS PHONOS OR MOST ANY EQUIPMENT DRAWING 10 TO 125 WATTS. SIZE 5x5x4; WT: 4 1/2 LBS. PRICE: \$29.95 (NEWLY MANUFACTURED)

DC AC CONVERTER

D.C. 6 OF 12 VOLT TO 115 VOLT 60 CYCLE CONVERTER 15 TO 50 WATTS EXCELLENT REGULATION, VIBRATOR TYPE. CAN BE USED TO OPERATE ANY ELECTRICAL DEVICE SO LONG THAT THE AC WATTAGE REQUIREMENT OF THE DEVICE DOES NOT EXCEED 50 WATTS. A.C. RECEPTACLE, FUSED LINE, 6 FT. BATTERY CORD. #PP-68B. SIZE: 10x9x8; WT: 29 LBS. PRICE: USED \$9.95 LIKE NEW \$14.95

RA-94 POWER SUPPLY USED WITH BC-779 SUPER-PRO OR BC-794 REC. 115/230 VOLT 60 CYCLE INPUT, 19" RACK PANEL MTG. 10 1/2" H x 11" D. P.S OUTPUT 270 VDC & 140 VDC 150 MA. ALSO 6.3 FOR FILAMENTS. W/ 5Z3 & 80 TUBE. SHPG. 100 LBS. USED \$19.95 USED CHECKED \$22.95

PP-115/TRC-8 POWER SUPPLY OUTPUT 550 VDC 350 MA & 6.3 VAC CT. 6 AMPS. WITH 2/5U4G, 115/230 V 60 CYCLE. SIZE: 12x8x14; WT: 50 LBS. ILLUSTRATION SHOWS 115 V APPROX. 100 CFM BLOWER. WITH BLOWER...\$19.95 LESS " " 16.95

NEW COAXIAL CABLE

NEW MANUFACTURE AND BRANDED WITH STANDARD TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-BETWEEN LENGTHS USE THE HIGHER PRICE. LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

		100 FEET	500 FEET	1000 FEET	5000 FEET
RG-8/U	52 OHM	.10	.09	.08	.08
RG-11/U	75 "	.09	.08	.07	.07
RG-58/U	53 1/2 "	.04	.04	.03	.03
RG-59/U	73 "	.04	.04	.04	.03

PRICES ARE PER FOOT

NEW COAXIAL CONNECTORS

S0-239	PL-259	M-359	PL-258	JUNCTION
\$.45 EA.	\$.45 EA.	\$.45	\$.89	
10 OR MORE	10 OR MORE	10 OR MORE	10 OR MORE	
\$.39 EA.	\$.39 EA.	\$.39	\$.80	

TYPES MAYBE ASSORTED TO OBTAIN THE LOW PRICE

Coaxial Cable

FOR LESS THAN 3c Per Foot!

RG-54 A/U CABLE-

DESIGNED FOR LONG LIFE & CONSTANT ATTENUATION 58 OHMS, .250 OD. WITH POLYETHYLENE JACKET.

370 FOOT ROLL \$10.00 70 FOOT ROLL \$ 1.95

LESS THAN SPECIFIED LENGTHS .03 PER FOOT

COAX CABLE ASSY

TYPE	OHMS	LENGTH	CONNECTOR	STOCK#	PRICE
RG-8/U	52	15 FT.	2/PL-259	CG-107	\$.95
RG-8/U	52	30 FT.	2/UG-21	CG-55	1.75
RG-11/U	75	32 INCH	2/UG-21	CD-1259	.25
RG-11/U	75	21 FT.	1/PL-259	CD-876	.95
RG-21/U	53	10 FT.	UG-21/22	CD-780S	.50
RG-22/U	95	40 FT.	1/PL-284	CD-879	1.00
RG-22/U	95	46 FT.	1/PL-284	CD-878	1.15
RG-22/U	95	50 FT.	1/PL-284	CD-877	1.25
RG-26/U	48	30 FT.	2/UG-34	3E4392-	1.95
RG-62/U	93	10 FT.	2/UG-88	CG-1410	.40
RG-62/U	93	22 FT.	2/UG-88	CG-1410	.80
RG-62/U	93	35 FT.	2/UG-88	CG-1410	1.25
RG-62/U	93	130 FT.	2/UG-88	CG-1410	2.50
RG-58C/U	53 1/2	20 FT.	2/UG-88	CG-409D	1.00

RG-8/U 52 8 FT. 2/PL-259 CA-102 .75

ATTENUATOR

IMPEDANCE MATCHING ASSEMBLY WITH 52 OHM CABLE 20" LONG, PL-259 CONNECTORS EACH END AND ATTENUATOR WITH 3" SLIDING ADJUSTMENT AND FEED THRU CONNECTORS EACH END. ATTENUATION 30 DB TO 100 DB 30 TO 450 MC. Stock# 22396-7 PRICE: USED \$1.25 UNUSED \$1.95

CABLES

CABLE NO.	PLUG NO.	LENGTH	USED WITH	PRICE
3E7243-2	GK12-23 1/2	52"	TCS/RC-PS	\$2.75
3E7273-19	SKC16-23 1/2	29"	TCS/TRS-PS	2.75
CD-515		48"	BC-669	5.95
CD-548	2EA. PL-118	9 FT.	TEST SET	4.95
CD-549	2 " PL-112	9 FT.	TEST SET	4.95
CD-526	2 " PL-153	5 FT.	274N SERIES	4.95
CD-532	2 " PL-152	5 FT.	" "	2.75
CD-509		8 FT.	BC-659/620	2.75

MULTI OUTPUT SUPPLY

RA-105 POWER SUPPLY; INPUT 115 VOLT 60 CYCLE, OUTPUT D.C. VOLTAGES 2400 VDC (FOR SCOPE) 544, 415, 295, MINUS VOLTAGES 1480, 290, 110, FILAMENT VOLT. 6.45 @ 12 AMP. AND 6.45 @ 10 A WITH TUBES 3/5U4G, 3/2X2 AND 1/6X5GT ALSO HAS FUSED LINES, CIRCUIT BREAKERS AND LIGHT INDICATORS. SIZE: RACK MTG. 24"x24"10; WT: SHPG. 200 LBS. GOV'T RE-COND. \$14.95

Control Boxes Filters Indicators Tuning Units Amplifiers

BRITISH MARK II CONTROL JUNCTION BOX No. 3. CONTAINS PUSH-BUTTON AND CHROME BUZZER THAT CAN BE ADJUSTED TO OPERATE FROM 6-12 VOLT D.C. ALSO TERMINAL STRIPS AND CORO. SIZE 4 1/2 x 5 1/2; WT: 2LB USED \$1.00 NEW \$1.50



OTHER BRITISH MARK II EQUIPMENT IN STOCK. TELL US WHAT YOU MAY NEED.

TEN PUSH BUTTON LEVER SWITCH 3 SWITCHES 7 MAKE 1 BREAK 3 " 5 " 1 " 3 " NONE MOMENTARY 1 " 4 BREAK MOMENTARY, RELEASES 1-7, HOLDS #8. SIZE: 8x6x1 1/2; 3 LBS. \$2.95



RM-21 CONTROL BOX WITH HAND-SET HANGER, 3 MOMENTARY SWITCHES, CABLE AND PLUG. USED WITH BC-669. \$3.95

C-87/ART-13 CONTROL BOX, WITH 11 CHANNEL SWITCH, OFF, VOICE, C.W-MCW, IND. LIGHT, MIC JACK & CODE KEY. \$2.95

C-626/ARC-27 CONTROL BOX. AUTOMATIC CHANNEL SELECTOR PRESET MECH. W/ 24 V. DC MOTOR, RELAYS, GEARS ETC. SIZE 6 1/2 x 6 x 5; WT: 13 LBS. PRICE USED \$4.95



BC-1303 CONTROL UNIT USED IN IE-36 TEST SET FOR SCR-522. HAS ALL FACILITIES FOR OPERATION, OFF-A-B-C-D CHANNEL SWITCH, MIC, PHONE & ANT. JACKS, TRANS, REC & REMOTE SW. & PL-170 RECEPTACLE. \$3.95

VERNIER DIAL 6" 2 SCALES WITH DIAL LOCK. USED IN TAJ TRANSMITTER PRICE: \$2.95



BC-1366 BC-345

C-4/ARN-7 RADIO COMPASS CONTROL BOX USED W/R-5, 5A ARN-7, THREE BANDS 200-1750 2" TUNING METER & GRAIN OF WHEAT LAMPS. TAKES MC-124 CONTROL SHAFT. USED \$3.95 FT-224 MOUNTING FOR C-4 BOX WITH TERMINAL STRIP & PLUG USED \$1.50

BC-1366 CONTROL BOX CONSISTS OF 5 POSITION ROTARY SWITCH, VOLUME CONTROL & MICROPHONE & PHONE JACKS PRICE: \$.75

BC-345 CONTROL BOX WITH 3 POSITION SWITCH MICROPHONE & PHONE JACKS. PRICE: \$.50

Beam Filter
NAVY TYPE RANGE BEAM FILTER 1020 CYCLE ACCEPTANCE OR REJECTION.
PRICE: WITH PL-55 \$1.95 NO PL-55 1.50

TL-150 TUNNING WAND FOR BC-659, BC-620 \$.75

SIDE BAND Loading Coil C-114 - \$1.50



PHONE PATCH TRANSFORMER C-161 - \$1.50

1D-304/APA-70 COURSE INDICATOR WITH 2 CROSS-POINT MICROAMP-METER MOVEMENTS 50-0-50 & -25-0-75, ON/OFF SWITCH. WESTON #888, SIMILAR TO 1-101C F/GLIDE RECEIV 3 1/2 x 3 1/2 x 4.3 LBS. NEW \$4.95 CONNECTOR TO FIT... 1.50

KLAXON HORN USED ON AIRCRAFT LANDING GEAR SIGNAL. OPERATES 24 VDC, CAN BE ADJUSTED FOR 12 VDC ALSO FOR SOUND, GIVES OUT RASP. NOISE 5x5x3; 4 LBS. UNUSED \$1.50

FLASHER POSITION LIGHT, PERIODIC AIRCRAFT TYPE C-2, CONTAINS 2 FLASHER G-107 BALLAST TUBE, 24 VDC RELAY DPDT, COND, RES SIZE: 4x4x4; WT: 2 LBS. USED PRICE: \$1.00 EA. 2/\$1.50

THREE DIGIT COUNTER AS USED IN BC-461 REEL BOX HAS RESET & SPLINE SHAFT EXTENSION. 2 1/2 x 1 1/2 x 1 1/2. \$1.00

THREE DIGIT COUNTER OPEN TYPE, BEVEL GEAR STK. #773 \$.50

FOUR DIGIT COUNTER FULLY ENCLOSED & BEVEL GEAR. VR# S-30 \$.65

C-60/AP CONTROL BOX. METER 2 1/2" 0-150 VOLT 400 CYCLE, TWO MICRO SWITCHES AND ADJ CONTROL. SIZE 6 1/2 x 6 1/2 x 3; WT: 3LBS. USED \$1.95



C-30/ARC-5 BC-451 BC-136/2 C-30/ARC-5 CONTROL BOX WITH 7 push button switches marked A, B, C, D, OFF, 1&2. Also tone, SW & voice switch & connectors. Price... \$1.00

BC-451 CONTROL BOX with switches tone-CW-voice, on-off, 1/2/3/4 also code key, mic & phone jacks. used \$.75 Price New \$1.50

BC-136-2 Control unit with mic & phone jacks, volume control & 2 binding post. \$.35 each Four for \$1.00

1-101 CROSS POINT INDICATOR FOR COMBINED USE FROM LOCALIZER REC. & GLIDE PATH REC. PART OF ARN-5 & RC-103. SIZE 3 1/2 x 3 1/2 x 3 WT: 3LBS. USED \$1.95



ARC-12 ANTENNA CHANGEOVER RELAY BNC CONNECTORS FOR EQUIP. UG-23-UG-21 F/ANT. REGULAR & AUX ANT. CONN. 24 VDC RELAY. W/BNC CABLES. \$2.75 UG-21 ANTENNA CONN. \$.75

ANTENNA CHANGE-OVER S.P.D.T FOR COAXIAL CABLE 28 VDC ROTARY ACTUATOR WAFER, LOW-LOSS HIGH-POWER. GENERAL COMM. #2LN180RC-1 NEW \$4.95

SIZE: 4 1/2 x 3 x 2 1/2; WT: 1LB. TYPE "N" CONN. CUT-OFFS 50% AN CONN. 7 CONTACT \$1.00

C-2193 ANTENNA SELECTOR; CONTAINS 4 SMALL RELAYS DPDT 24 VDC, 6/906 TRANSISTORS, 2 DIODES, 15 RES. 6 COND. PRINTED CIRCUIT BOARD. SIZE: 4x4x4; 2LB. \$1.95

BB-212 PLASTIC BATTERY NON-SPILLABLE, BALL INDICATOR 2 VOLT 40 A. 7x4x2 1/2; WT: 7 LBS. \$1.95

BB-208/AMT RADIO-SONDE DRY CHARGE BATTERIES, 4 IN A VACUUM PACKED CAN, ONE 6V 2 1/2 HR THRU 30 OHMS, 3 36V EA. 3A HR. THRU 1200 OHM. EA. BATT. SIZE 1-5/16 x 29/32 x 4-5/32; WT. EA. BATT. 4 1/2 OZ. BATTERY PACK (4) \$1.95

N-T-6 PLASTIC STORAGE BATTERY DRY CHARGE, 6 VOLT 4 AMP. 3 1/2 x 2 1/2 x 2; 1 1/2 LB \$3.95

WILLARD PLASTIC STORAGE BATTERY 2 VOLT 28 AMP. HOUR NON-SPILLABLE, BALL INDICATOR DRY CHARGE, ADD ELECTROLYTE SIZE 4x5x3; WT: 4LB. \$2.95

AUTOTUNE HEAD FOR ATC/ART-13 TRANSMITTERS. MULTITURN UNIT WITH DIAL 0-100, KNOB, REVOLUTION COUNTER, LOCKING DEVICE FOR PRESETTING. CONTROL "B". COL#23518 PRICE: \$1.95

\$1.00
MAGNESYN INDICATOR GEAR TRAIN INDICATOR

MAGNESYN INDICATOR 3", 26 VOLTS 400 CYCLE OPERATION; 200-0-200 SCALE ILLUMINATED; USED WITH APA-44 EQUIPMENT FOR INDICATION OF WIND IN KNOTS, N-S-E-W. SIZE: 3x3x3, WT 3/4 LB USED BENDIX #20004-64J-A1 \$1.00

GEAR TRAIN INDICATOR ASSY. 10 TO 1 RATIO; INSIDE SCALE 10-0-10, OUTSIDE SCALE 0-10 DIAL KNOB ADJUSTMENT FOR DIAL READING. GEAR TRAIN IS COUPLED TO A 20,000 OHM 1% MICROPOT. USED WITH APA-44 EQUIPMENT FOR NAUT. MILES CONTROL. SIZE: 3 1/2 x 3 1/2 x 4 1/2. 1LB. ASSY#D-153223 OR EQUAL. PRICE: USED \$1.95

COUNTER CHAFF DISPENSER CONTROL WITH 5 DIGIT DECLINING COUNTER 2 AT A TIME 24 VDC OPERATION ALSO 12 POSITION WAFER SWITCH. LESS DIAL LIGHT ASSY & SW. 6x4 1/2 x 3; 2 LBS. \$1.50

FREQUENCY METER CAVITY TUNEABLE 2400 -3400 MC, AB COUNTER, LESS CRYSTAL DIODE, W/CABLES. P/O TS-3 SIZE: 5 1/2 x 2; WT: 1 LB. #3F2747-3.2 \$2.95

BK-23A RELAY CONTROL FOR RAD IO COMPASS CONTROL BOX RATCHET MOTOR ASSY. THAT OPERATES 10 P.D.P CONTACT ASSY MOUNTED TO BARRIER TERMINAL STRIP, (MAKE 10, BREAK 10) ALSO S.P.S.T RELAY AND 5 12 TERM. BARRIER STRIPS. OPERATES FROM 18 TO 30 V. DC SIZE: 12x2 1/2 x 6; WT: 8 LBS. PRICE: USED \$1.50

BK-22K RELAY CONTROL BOX SAME USE AS ABOVE ONLY USES ROTARY RELAY FOR TRANSFER OPERATION AND HAS D.P.S.T RELAY. NEW \$2.95

RIGHT & LEFT ANGLE DRIVE SHAFT 3/16" SIDE 1/2 MALE & 1/2 FEMALE. 2 1/2 x 2 1/2 x 1 1/2 \$1.50
VERNIER DIAL 2 1/2" 100 TO 0 SCALE. TAKES 1/2" SHAFT. PRICE: \$1.50

10-14/APN-1 RADIO ALTITUDE METER, 3" SCALE 0-6 MA MOVEMENT. CAN BE USED AS A BASIC METER MOVEMENT AND CHANGE SCALE AS DESIRED. PRICE: USED \$1.50



BC-347 AIRCRAFT INTERPHONE AMPLIFIER

Used in small planes for speaking. Has two uncoupled transformers Carbon microphone input & standard headset output. Requires 12 Or 24 volt & 250VDC. Uses 6F8G tube. Size 3x2 1/2 x 3 1/2. With tube \$1.95 Less tube \$1.25

BC-216 MICROPHONE AMPLIFIER Aircraft type amplifier use tubes 1/39/44 & 1/6P7. Two carbon microphone inputs. Voltage required 12 volts & 150VDC 40 Ma. Size 8 1/2 x 6 1/2 x 2. WT. 3 lbs With tubes \$1.95 Less tubes \$1.

AMPLIFIER USED IN TANK FOR INTERPHONE. W/TWO 6V6 TUBES, LESS DYNAMOT OR. REQUIRES 250 VDC 50 MA. & FILAMENT VOLTAGE. SIZE: 9x9x3; WT: 10 LBS. BC-367 NO CASE F/12V \$1.95 BC-667 w/ " F/24V 2.95

BATTERY CHARGER FOR BB-51 & BB-52 BATTERIES. TRICKLE CH OPERATES FROM 6 OR 12 VOLT STORAGE BATTERY. HAS 2-3" METERS 0-100 DC VOLTS AND 0-30 & 0-300 DC MILLIAMPS SCALES. SIZE: 12x8 1/2 x 7; WT: 20 LBS. PRICE: \$14.95

3 DIGIT COUNTER SIZE: 3 1/2 x 1 1/2 SHAFT 3/32 #VR7604916 75¢

A-61 PHANTOM ANTENNA

RE-2/ARC-5 RE-2/ARC-5 NAVY TYPE ANTENNA SWITCHING & CURRENT INDICATING UNIT. AS USED WITH COMMAND TRANS. & REC. CONTAINS A 24 VDC SWITCHING RELAY, 2" 0-10 ANTENNA CURRENT METER, 50MMF 7.5 KV VACUUM CAPACITOR ETC. SIZE: 4x5x4 WT: 2 LBS PRICE: NEW \$3.95

PHANTOM ANTENNA A-61 PHANTOM ANTENNA, USED WITH COMMAND TRANSMITTER AS A DUMMY LOAD, POWER RATING 50 WATTS, RES. 5 OHMS, 100MMF 5KV VAC. COND. 0-4 RF METER 7x5 1/2 x 2 1/2; WT: 4LBS. USED \$4.95

TS-279 DUMMY ANTENNA LOAD Three inch pyrex feed thru insulator, 1000 ohm 100 watt resistor with two test lead & clips. Cabinet size 13 x 6 x 4". Can be used for a chassis. Stock # TS-279 Price: \$1.95

MINIMUM ORDER \$3.00

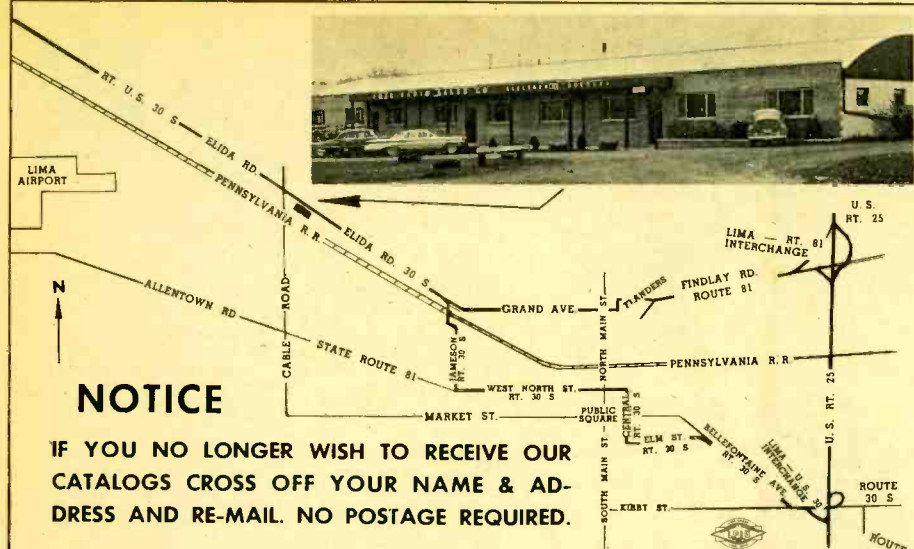
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IF YOU NO LONGER WISH TO RECEIVE OUR CATALOGS CROSS OFF YOUR NAME & ADDRESS AND RE-MAIL. NO POSTAGE REQUIRED.

MOBILE EQUIPMENT



MOTOROLA TRANSMITTER FMT-25V 30-40 MC. F.M. CRYSTAL CONTROL SINGLE CHANNEL, 25 WATT, 6 VOLT POWER SUPPLY WITH TUBES 3/7C7, 2/7A8, 1/RK391807, 1/6V6. SIZE: 15 1/2 x 9 1/2 x 9. PRICE: WITH COVER \$14.95 (USED) LESS " 9.95

MOTOROLA TRANSMITTER FMTU300 152-172 MC. F.M. 6 VOLT DYNAMOTOR SUPPLY, CRYSTAL CONTROL, 25 WATT, WITH TUBES 3/7C5, 2/7A8, 1/7C7, 3/2E24. SIZE: 15 1/2 x 9 1/2 x 9; WT: 30 LBS. LESS CRYSTALS, USE PRICE: W/TUBES & COVER \$19.95; L/COVER \$15.00

THANK YOU

YOUR ORDERS ARE APPRECIATED AND WILL RECEIVE OUR PROMPT CAREFULL ATTENTION

701A TETRODE



THIS TUBE IS INTENED FOR PULSE MODULATOR OPERATION AND WILL MAKE A GOOD HIGH POWER R.F. AMPLIFIER. IT HAS A INDIRECTLY HEATED CATHODE, FILAMENT 7.5 7 AMPS. PLATE 2000/3500 VDC, 350/250 MA. SEE SURPLUS CON. MANUAL #3 OR TUBE MANUAL FOR OTHER INFORMATION. TUBE SIZE: 7 1/2 x 4 1/2; WT: 5 LBS. PRICE: \$3.95 EA. 2 FOR \$7.00

PHILCO TRANSMITTERS PRT150GT 154-172 MC. FM. 30 WATT, 6 VOLT DYNAMOTOR P.S. CRYSTAL CONTROL SINGLE CHANNEL TUBES 2/3A4, 1/9003, 1/6BJ6, 2/2E24, 1/6C4, & 1/2E30. USED COND SIZE: 15 1/2 x 10 1/2 x 8; WT: 35 LBS. PRICE: W/TUBES, L/CRYST. \$14.95

PHILCO RECEIVER PRT72G 70-80 MC.F.M 6 VOLT VIBRATOR POWER SUPPLY, CRYSTAL CONTROL SQUELCH CIRCUIT, WITH TUBES 3/6BJ6, 3/6AK5, 2/6AQ6, 1/6C4, 1/7F7 & 1/7A8. USED LESS CRYST. SIZE: 15 1/2 x 10 1/2 x 8; WT: 30 LBS. \$14.95

LINK 152 TO 172 MC. F.M. 6 OR 12 VOLT \$59.50

COMMERCIAL TYPE MOBILE COMMUNICATION RADIO SET MFG. BY LINK. TRANSMITTER #1906 50 WATT USING 2/2E26 TUBES DRIVING 829 IN THE FINAL ALSO 1/7AG7, 1/7F7 & 1/7W7 TUBES. WITH 12 VOLT DYNAMOTOR POWER SUPPLY. RECEIVER #1905 SELECTIVE DOUBLE CONVERSION WITH SQUELCH CIRCUIT & 2/7A6, 7/7AG7, 1/7F7, 1/7B5 & 2/6AK5 WITH 12 VOLT VIBRATOR POWER SUPPLY. BOTH UNITS ARE CRYSTAL CONTROL PHASE MODULATED 15 KC. UNITS HAVE RECENTLY BEEN REMOVED FROM CARS AND HAVE TUBES, CONTROL BOXES, CABLES WITH PLUGS (THAT MAY HAVE TO BE SPLICED) ETC. PRICE, AS DESCRIBED \$59.50

GIBSON GIRL



GIBSON GIRL TRANSMITTER ASSEMBLY 500 KC. SINGLE CHANNEL, CONSISTS OF TRANSMITTER SECTION OF THE SCR-578/BC-778 EQUIPMENT, USES 1/12SC7 & 1/12A6 TUBES. W/ GOLD PLATED VARIABLE CONDENSER 20 TO 245 MMFD. COILS, COND, RESISTOR TRANSF. SOCKETS ETC. REQUIRES 24 VOLT FOR FILAMENTS (CAN BE WIRED FOR 12) AND 300 VDC 25 MA. FOR HIGH VOLTAGE. SCHEMATIC SUPPLIED. (CRANK GENERATOR AND GEAR TRAIN LISTED PAGE 8 SIZE: 6 1/2 x 7 x 3; WT: 3 LBS. NO TUBES. PRICE \$2.95 S.O.S CODER WHEEL WITH GEAR TRAIN, SWITCHING ASSY. RELAY, PILOT LIGHT ASSYS, ETC. FOR ABOVE TRANSMITTER. PRICE: \$1.00

AUTOSYN TESTER



AUTOSYN INSTRUMENT FIELD TESTER; AAF #43G18624 IS A SIMPLE TESTER THAT IS DESIGNED TO TEST THE ELECTRICAL CIRCUITS OF ALL MINIATURE 26 V. 400 CYC. AUTOSYNS. WHEN CONNECTED TO THE SUPPLY IT CAN BE USED AS A TRANSMITTER OR INDICATOR ALSO HAS ELECTRICAL ZERO TESTING CIRCUIT. SIZE: 6x10x5; WT: 8 LBS. PRICE: METAL CASE HINGED COVER & CABLES. USED... \$8.95 WOOD CASE NO COVER/CABLES 3.95

FLOWMETER



MO-1 FUEL-MASS FLOWMETER SET: PORTABLE TESTER USED FOR TESTING FUEL FLOW IN AIRCRAFT. CONSISTS OF 115 V. 400 CYCLE MASTER TRANSMITTER AND INDICATOR 3", 1/2" METER 1-0-1 MA., 1/0-150 V 400 CYC. METER, 24 VDC MAGNETIC COUNTER, 2/24 VDC RELAYS, 20-30 VDC INTERVAL TIMER, 10K OHM HELIPOT W/ VERNIER LOCKING DIAL, TYPE 10 POWERSTAT 0-130 1/4 A. 60 CYC., LOW CURRENT POWERSUPPLY 400 CYCLE, PILOT LITES BINDING POSTS, SWITCHES ETC. IN A ALUMINUM CARRYING CASE. (CABLES WITH PLUGS OPTIONAL) SIZE 18x6x10 1/2; SHPG. WT: PRICE: USED WITH OUT CONNECTORS \$12.95 " " " " 16.95

FREQUENCY METER



BC-906 FREQUENCY METER; ABSORPTION TYPE USING THE DIP OF A 500 VDC MICROAMMETER 2" FOR FREQ. INDICATION. REQUIRES BATTERIES FOR OPERATION. WITH ANTENNA 4" DIAL ETC. SIZE: 6 1/2 x 12 x 10 WT: 20 LBS. USED... \$9.95

VAPOR DETECTOR



WATER VAPOR DETECTOR 128; CONSISTS OF VALVING ASSY. WITH 2 1/2" 3000 LB. PER. SQ. IN. GAUGE CONNECTED TO A BRASS BLOCK WITH 3 VALVES COPPER TUBING CONNECTS TO SATURATOR BOTTLE AND ANOTHER BLOCK WITH VALVE WHICH ONE OUTLET CONNECTS TO A ELECTRIC AMPLIFIER THRU DETECTOR ELECTRODE AND THE OTHER OUTLET TO A GAS PRESURE REGULATOR. THE ELECTRIC AMPLIFIER IS HOUSED IN METAL CASE WITH 3" METER 50 MICRO-AMP. WITH TUBES 1/1G6GT & 1/1G4GT IN A OSCILLATOR CIRCUIT, BALANCED BRIDGE TYPE, ANY ELECTRIC UNBALANCE IS INDICATED ON THE METER, ADJUSTING CONTROLS ON PANEL, REQUIRES 67 1/2 & 1.5 VOLTS D.C FOR OPERATION. GAS PRESSURE REGULATORS ARE STD. WITH 2" METERS. EQUIPMENT IS USED TO DETERMINE THE AMT OF WATER VAPOR IN THE GAS TO BE TESTED WITH A REF. GAS AS THE STANDARD. CARRYING CASE 14x16x10 1/2; WT: 60 PRICE: USED \$14.95

VALVE TESTER

TESTER FOR M-4 PRESSURE SUIT REGULATING VALVE R-1 CONSISTS OF A SERIES OF WEIGHTS, PRESSURE GAGE 0-30 HOSES, CLAMPS, PLIERS BOLTS & NUTS IN WOOD CARRYING CASE. THE R-1 TESTER PROVIDES A SERIES OF WEIGHTS WHICH MAY BE APPLIED TO THE SENSITIVE UNIT OF THE VALVE TO BE TESTED TO PRODUCE THE SAME RESULT OF ACTUAL G LOAD. SIZE: 13 1/2 x 5 1/2 x 7; WT: 18 PRICE: USED \$3.95

PUMP TEST



DESICCATOR PUMP TEST FIXTURE: CONSISTS OF AIR FLO-SCOPE INDICATOR WITH 4" MAGNEHELIC METER 0-8 INCHES OF WATER AND PRESSURE CONTROL VALVE ALSO TWO 3" SQUARE METERS 0-50 VDC 500 OHMS PER VOLT AND 0-5 AMP METER, RHOESTAT, SW, PILOT LIGHT ETC. UNIT IS HOUSED IN METAL CARRYING CASE 21x13x6; WT: 25 LBS. PRICE: USED \$14.95



WORLD'S FINEST SURPLUS BARGAINS..

Fall & Winter '65

RADAR FREQUENCY AMP.



R-9 RADAR FREQUENCY AMP. USED TO INCREASE OUTPUT OF TEST EQUIPMENT IN 2750-2950 MC RANGE. POWER APPROX. 6 WATTS FROM 2C40 TUBE. CONTROLS FOR POWER AND FREQUENCY. COMPLETE WITH TUBES 2C40; 6AN5; 5687; 12AT7; 2X2; 2/0A2; 0B2; 2/5Y3; 6FC6; SIZE: 10 1/2" x 17 1/2" x 20". WT. 43 LBS. PRICE: \$19.95

100-2000 KC TRANSMITTER



1-339/UR TRANSMITTER CONTINUOUS TUNING 100-2000 KC IN THREE BANDS WITH MASTER OSCILLATOR CONTROL. OPERATES FROM 115V 60 CYC OR INTERNAL BATTERIES (NOT INCLUDED) 2/BA-419/U. 90V 1/BA-412/U 6V. COMPLETE WITH TUBES 1/5Y3; 3/6AK6; POWER OUTPUT APPROX. 1 WATT. SCHEMATIC INCL. 12 1/2" x 14 1/2" x 17" WT. 40 LBS. PRICE: \$24.95 UNUSED

TRANSMITTER-RECEIVER



LINK 2975-10VR-D2A TRANSMITTER-RECEIVER FREQUENCY RANGE 450-460 MC. POWER OUTPUT 25 WAT CABLES, CONTROL BOX, AND MIKE INCLUDED. COMPLETE WITH TUBES 4/6BH6; 6AQ5; 5/6RJ6; 3/6AL5; 2/12AX7; 5/12AT7; 12AU7; 6AK5; 5J4; n2/6CL6; 5763; 2/5894. SIZE: 19 1/2" x 14 x 5" WT. 36 LBS. PRICE: \$24.95 AS IS

COMICO MODEL 278 TRANSMITTER-RECEIVER

225-400 MC RECEIVER-TRANSMITTER FOR 6/12/24 VOLT OPERATION. POWER OUTPUT 2-3 WATTS. UNIT IS CRYSTAL CONTROLLED (CRYSTALS NOT INCLUDED). COMPLETE WITH TUBES: 2E26, 5686, 5/6BH6, 12AX7, 2/6AQ5, 6AT6, 3/6RJ6, 6BE6, 2/6AK5, 6AK6. UNIT COMPLETE WITH TUBES, CABLES, SPEAKER, AND CONTROL BOX. SIZE: 12 1/2" x 11 x 5 1/2". WT: 35 LBS. USED \$49.95

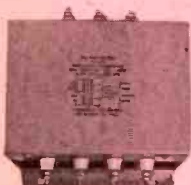


TRANSFORMERS & CHOKES

FOR MORE SEE PAGES 12, 13, AND 24

PLATE TRANSFORMER

PRI: 220 VOLTS 50-60 CYCLES
SEC: 2430-1315-0-1315-2430 v @ 1.7 AMPS
SIZE: 17x13x11. WT. 250 LBS.
#CS-6264
PRICE: \$39.95

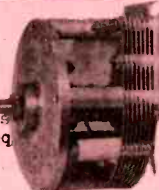


500 WATT MODULATION TRANSFORMER
PRI: 6600 OHMS CT @ 500 MA
SEC: 4600 OHMS @ 400 MA
ALSO TAPPED FOR 2300 OHMS @ 800 MA. 2800 VV.
RESPONSE: 200-4000 CPS
SIZE: 8 1/2" x 8 1/2" x 7 1/2". WT. 45 LBS
P/O T-4FRC TRANS.
FSN 5950-250-1753
PRICE: \$16.95

BUTTERFLY CONDENSERS



AN/APR type tuners, can be used for ultra high frequency transmitters, receivers, frequency meters, and oscillators.



C-701
135-485 Mc
4 1/2" dia. 2 1/2" deep
Price: \$4.95

C-904
106-330 Mc
4 1/2" dia. 3" deep
Acorn socket for 955 tube.
Price: \$4.95



C-706
300-1000 Mc
2 1/2" dia. 2 1/2" deep
Price: \$3.95



H-3621
300-1000 Mc.
2 1/2" dia. 2" deep
Price: \$3.95

PULSE ANALYZER & SCOPE

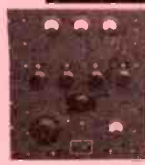


ID-59/APA-11 RADAR PULSE ANALYZER & SCOPE WITH REPETITION FREQUENCY 200-8000 CPS WITH EITHER NEG. OR POS. PULSED SIGNAL. CALIBRATED DIALS FOR PULSE RATE AND WIDTH, AND PULSE DELAY. CAN ALSO BE USED AS A CATHODE RAY OSCILLOSCOPE. COMPLETE WITH 3BP1 CATHODE RAY TUBE 3". 4/6SN7; 3/6AC7; 3/6AG7

2/0D3; 6SJ7; 6J5; 5U4; 2X2; SIZE: 10 1/2" x 8 x 21 1/2". WT. 43 LBS.

PRICE: \$19.95

DIVERSITY RECEIVER



DIVERSITY RECEIVING EQUIPMENT PROVIDES A MEANS FOR COMBINING THE OUTPUT OF TWO RECEIVERS TO PRODUCE A SINGLE KEYED AUDIO OUTPUT SIGNAL, FREE FROM NOISE AND OTHER UNDESIRABLE INTERFERENCE. IT IS SUITABLE FOR USE ONLY IN CW & MCW SIGNALS AND NOT VOICE.

THE BAND PASS FILTER IS FOR 600 TO 1200 CYC. AND THE OUTPUT OF EACH RECEIVER IS INDICATED ON THE METERS WHICH ARE 500 MICROAMP. THE AUDIO FREQ. CONTROL CAN BE ADJUSTED FOR THE PROPER BAND PASS. INPUT AND OUTPUT IMPEDANCE IS 600 OHMS. EQUIPMENT OPERATES FROM 115/230 VOLT 50/60 CYC. AND CAN BE RACK MOUNTED.
W/TUBES 1/VR-150, 1/6F8, 3/6A6, 2/6SJ7, 1/77, 1/1V, 1/80. SIZE: 21x19x14; WT: 125 LBS.
PRICE: NEW WITH MANUAL \$24.95

GIBSON GIRL

BC-778 TRANSMITTER, EMERGENCY TYPE FOR USE ON THE DISTRESS FREQUENCY OF 500 KC. UNIT IS POWERED BY A HAND CRANK GENERATOR THAT SENDS AUTOMATICALLY S.O.S SIGNAL, CAN ALSO BE KEYED MANUALLY, WITH 1000 CYCLE TONE MODULATION. WITH 2/12A6 TUBES AND ANTENNA WIRE REEL (NO KITES, BALLOONS OR PARACHUTES AVAILABLE. SIZE 10x10x8; WT: 20 LBS. PRICE: TRANSMITTER ONLY USED \$29.95



T-74/CRT-3 TRANSMITTER, SAME AS ABOVE ONLY HAS DUAL CHANNEL 500 KC AND 8364 KC. MANUAL KEYING ON 500 KC. ONLY. USED \$75.00

BC-221 FREQ. METER



THIS IS A SIMPLE ACCURATE AND RELIABLE CRYSTAL CALIBRATED FREQUENCY INDICATING INSTRUMENT FOR USE IN THE 125 TO 20,000 KC. RANGE, WITH A NORMAL OPERATING ACCURACY OF LESS THAN .02%. CAN ALSO BE USED AS A SIGNAL GENERATOR OR VARIABLE FREQ. OSCILLATOR.

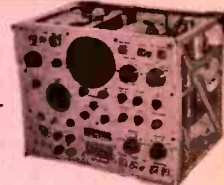
OPERATING VOLTAGE REQUIRED FOR DRY CELL OPERATION 6 VDC .9 AMP. & 135 VDC 20 MA.
SIZE: 10x13 1/2 x 10; WT: 25 LBS.

UNITS MAY BE IN WOOD OR METAL CASES VARIOUS LETTERS (*) COMPLETE WITH TUBES, CRYSTAL AND ORIGINAL CALIBRATION BOOK.

USED UNITS COMPLETE AS DESCRIBED CHECKED FOR OPERATION \$79.50
NEW UNITS COMPLETE AS DESCRIBED ABOVE PLUS HEADSET AND MANUAL. \$125.00
THESE UNITS ARE IN ORIGINAL GOV'T. PACKING IF YOU WANT THEM THIS WAY WE WILL NOT BE RESPONSIBLE FOR THEIR OPERATION. SPECIFY CHECKED OR ORIGINAL BOXES.

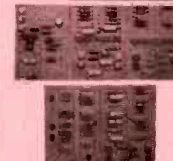
OSCILLOSCOPE

USM-24 OSCILLOSCOPE 3 INCH CR TUBE 3BP1 RECURRENT SWEEP, 8 CYC PER. SEC. TO 600 KC. TRIGGERED SWEEP 1.25-125 MICROSEC. VERT. DEFLEC. SENSITIVITY .035 HORIZ DEFLEC. 4.0V HORIZ RESPONSE .5 CYC PER SEC. TO 700KC., VERT. RESPONSE 4 CYC. PER. SEC. TO 10MC BEAM MOD. RESPONSE 50 CYC. PER. SEC. TO 10MC HORIZ INPUT IMPEDANCE 300,000 OHMS. BEAM MOD. INPUT RESIST. 56,000 OHMS OPERATES FROM 115VOLTS 50-1000 CYC. RADIO FREQ. & MOD. CIRCUITS USE BCN SERIES COAXIAL CONNECTORS. SIZE: 17x15x15; WT: 60 LBS. USED SERVICEABLE PRICES LISTED BELOW ARE LESS BLOWERS, PROBES CABLES, COAXIAL ADAPTERS AND AS OFFERED.



OS-51/USM-24 --- LESS FRONT AND BACK COVERS.....\$59.50
OS-26/USM-24--- LESS FRONT COVER AND DELAY LINE.....\$44.95
OS-26/USM-24--- WITH FRONT AND BACK COVERS, LESS DELAY LINE..\$49.95

TRANSISTOR BOARDS



TRANSISTOR BOARDS 5/ \$1.00 BOARDS SIMILAR TO THOSE PICTURED. EACH PACKAGE CONTAINS 5 BOARDS WHICH HAVE DIODES TRANSISTORS, CONDENSERS, AND RESISTORS. EACH BOARD 2 5/8 BY 3 7/8. WT. 9 OZ. PRICE: 5/ \$1.00

C.R. TUBE



5CP11A CATHODE RAY TUBE 5" DIAMETER FACE, 16 1/2" LONG. F 6.3V @ .6 AMP A, 575V A2 2000V; A3 4000V; GRID BIAS -30/-90, D1D2 -92V, D3D4 74V; WT. 4 1/2 LBS. PRICE: \$1.50 EA. 4/\$5.00

SC 2799P7 C.R.T. 3 1/2" SQUARE FACE 12" LONG. USES SAME SOCKET AS 5CP11A. \$1.50 EA. 4/\$5.00



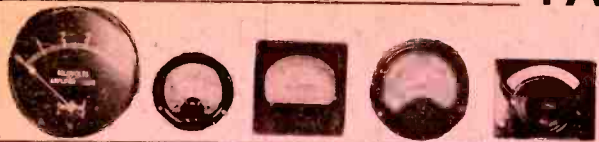
FAIR RADIO SALES

2133 ELIDA ROAD

Route 30 South -- West of Lima
BOX 1105, LIMA, OHIO 45802
 TEL.: AREA CODE 419 227-7886

STORE HOURS
 MONDAY THRU SATURDAY
 9:00 A.M. TO 5:30 P.M.

SIZES INDICATED ARE FOR METER HOLE OPENING



VOLTMETERS

- 0-150 AC Round flush type for 2-1/8" hole, Bakelite case. Westinghouse type NA-33, 25 to 125 cycles. Signal Corps No. 3F8150-69 **6.25**
- 0-300 AC 3" round flush type, bakelite case, Simpson and General Electric Mfg. Signal Corps No. 3F8300-28 **7.50**
- 0-15 AC-DC Voltmeter 2 1/2" RD. USED No. IS-122 **2.95**
- 0-30 DC Round flush type, for 2 1/2" hole. General Electric Mfg. Model 85W53AAL. Stock No. 2DA7 **5.75**
- 0-300 DC Round flush type, bakelite case, shielded, for 2 1/2" hole. Sun Mfg. Model 2AU346. Stock No. 159E-12 **5.75**

MILLIAMMETERS

- 50-0-50 DC 3" round flush type, bakelite case. Sangamo and Weston model 301. Signal Corps No. 3F5327 **6.25**
- 0-100 DC 3" round flush type, bakelite case. De-Jur model 310. Signal Corps No. 3F910-1 **6.95**
- 0-800 DC 3" round flush type, bakelite case, calib. for 1/8" steel panel. Signal Corps No. 3F980-2 **6.95**

R.F. METERS

- 0-10 AMPS 2-3/4" flange, for 2 1/2" hole, bakelite case. Weston model 507, Signal Corps No. 3F1010-24 **5.95**
- 0-1 AMPS 3" round flush type, bakelite case, Triplett model 0341-T or Weston model 425. Signal Corps No. 3F1001-31 **6.25**
- 0-100 MA For 2-1/8" hole, metal case. Calib. for 1/16" steel panel, with Thermocouple. General Electric Model AAN21, type DW-52. Signal Corps No. 3F912 **5.50**

AMMETERS

- 0-30 DC 3" round surface mounting. Roller-Smith type TDS. Signal Corps No. 3F1030-9 **6.95**
- 0-30 DC 2" round flush type, metal case. Hoyt Meter Co. No. H17-3, scale has marking for 12 volt and 6 volt. Signal Corps No. 3F1030-22 **5.50**
- 0-1.5 DC Milliamp. Tube checker scale 2 1/2" flush mtg. P/O I-56A W.No. 885-2 **2.95**

TERMS

PRICES NET, F.O.B. LIMA, O. SEND CASH, CHECK or MONEY ORDER with PURCHASE ORDER

MINIMUM ORDER \$3.00. Orders less than \$3.00 ADD \$.50 HANDLING CHARGE.

Include sufficient money for shipping charges. (UNUSED PAYMENTS RETURNED AT ONCE.) Otherwise we will send shipping charges collect.

C.O.D. ORDERS, SEND 25% of PURCHASE with ORDER. BALANCE will be COLLECTED UPON DELIVERY.

When writing for information PLEASE state what specific information you desire.

GENERAL ELECTRIC



A-C VOLT METER
 TYPE AO-22 3 1/2" RD 0-15 SCALE
 25-133 CYCLE **\$2.95**

D-C VOLT METER
 TYPE DO-41 3 1/2" RD.
 0-150 SCALE **\$2.95**

0-1.5 KILVOLT SCALE
 FS-1 MA. (VJFB) **\$2.95**

D-C MILLIAMMETERS
 TYPE DO-41 3 1/2" RD
 0-100 0-200 EACH **\$2.95**

RF AMMETER
 TYPE DO-44 3 1/2" RD.
 0-20 SCALE **\$3.95**

GE 2 1/2" RD. AC VOLT 0-150
 60 CYCLE TYPE AW-41, USN
 #22085 OR EQUAL **\$2.95**

DB METER 3 1/2" RD.
 WEST. TYPE NC35
 SCALE 10-0-6
 USED **\$3.95**
 UNUSED **4.95**

R.F. AMPERES 0-4 SCALE W/ THERMOCOUPLE. 2 1/2 x 3 1/2, PANEL OR PORTABLE IN/OUT CIRCUIT SWITCH. WESTON LTD #10A/12667 \$3.95	DC AMPERES 3 1/2" 0-300 scl USE W/SHUNT 50 MV/200 A WESTON-M-643 ORD#173030 \$6.95	RF MILLIAMP 2 1/2" 0-150 SCALE SIMPSON MODEL 35 \$3.95	D.C. MILLIAMP 0-35 SCALE 2 1/2" RD. USN#CG22202 GE# DW41 \$2.95

FS- 5 AMP DC 0-5 AMP SCALE 2 1/2" RD. BURLINGTON MR25WOODCAA \$2.95	DC VOLTS 2 1/2" 0-500 scl BASIC FS 500V RUGGEDIZED ALUMINUM PAN- EL ASSY. BURLINGTON STK#3F8C10-33 \$3.95	MICROMHOS DYNAMIC MUTU- AL CONDUCTANCE USED IN 1-177 TUBE CHECKER BASIC 0-1.4 MA. HICKOK #M547A STK#3F1350 \$4.95	DC MILLIAMPER 2-3/4" 0-15 0-300 SCALE USED EXT. SHUNT .35 OHM VARIED W/BC-669 VARIOUS MFG. STK#3F930-14 \$4.95

DC MILLIAMETER 3 1/2" RD. 0-100 SCALE 50 MICROAMP MOVEMENT. TRIPLET #REL12455 \$4.95	GAR ELEC. F.S = 100 UA SCALE 1-3/3- 10 & %MODS-50 2 1/2" RUGGEDIZE GAR MODEL 260 \$4.95	PERCENTAGE MODULATION 10-0-10 ROLLER-SM. ES-100 UA 3 1/2" #49470 \$3.95	50 MICROAMP. 0-5 SCALE 1 1/2" SINGLE HOLE MOUNTING INTERNATIONAL #420-63-0251 \$4.95

DC AMPERES 2-1/16" 0-120 SCALE EXTERNAL SHUNT REQ. AERO-C-120 NSD#R17A5730 \$1.95	TUNING METER 2" TUNE FOR MAX. SCALE. 2 MA. RIGHT, 5 MA. LEFT. 5 OHM DC RES. USED IN RADIO COMPASS REC. #1-70 \$1.50	DC MICROAMPERE 0-200 SCALE TRIPOLET 2 1/2" #MR25WOODCAA MODEL 221 T \$3.95	ANTENNA CURRENT INDICATOR 0-10 RF W/ THERMOCOUPLE WESTON 507 F/BC-442 USED \$1.25

WESTINGHOUSE RX-37 SIZE 4x4 1/2 PRICE: \$6.95 EACH

0-30 VOLTS	D.C 0-2 AMP. D.C
0-80 "	D.C 0-5 " D.C
0-150 "	A.C 0-50 " D.C

AC-T301545 MODULATOR AND OSCILLOSCOPE 3" FOR RACK MOUNTING 19". PART OF LAB. TEST EQUIP. HAS CONTROLS, HORIZ./VERT./INTENSITY/FREQ FOCUS/GAIN/ MODULATION SELEC SWEEP ETC. TUBES 3BP1, 5Y3, 6C4, 5R4 & 7/12AU7. OPERATES 115 V. 60 CYC.
 SIZE: 10x19x14; WT: 40 LBS
\$35.00 USED

D.C. AMPERE METER
 0-150 SCALE, 0-15 MA. MOVEMENT, SHUNT REQUIRED, 2 1/2" WEST #12058528 **\$1.95**

PRESSURE METER
 GAGE-RADAR, 0-30 SCALE, 2 1/2" US GAUGE #31-82F29 **\$1.50**

WESTON D.C. VOLT METER 4 1/2"
 0-50, #961
 1000 OHM P/VOL **\$8.95**

WESTINGHOUSE A.C. VOLT 0-15, 25-125 CYC. FS-100 MA. 3". TYPE RA-35
 PRICE: **\$3.95**

"S" METER FOR BC-770 SUPER PRO RECEIVER
 2 1/2" DIA.
 PRICE: **\$3.95**

D.C. VOLT METER
 0-30, 2 1/2" SQ. MTG. AIRCRAFT TYPE 22284
 PRICE: **\$2.95**

WESTON D.C. VOLT METER 4 1/2"
 0-50, #961
 1000 OHM P/VOL **\$8.95**

WESTON D.C. VOLT METER 4 1/2"
 0-50, #961
 1000 OHM P/VOL **\$8.95**

WESTON D.C. VOLT METER 4 1/2"
 0-50, #961
 1000 OHM P/VOL **\$8.95**

WESTON PANEL METERS

- MODEL 301 A.C. VOLTS 3 1/2" RD 0-150 0-500 0-15/150 **\$6.95 EACH**
- MODEL 301 D.C. VOLTS 3 1/2" RD 0-30 0-50 0-200 0-250 0-300 0-350 0-500 0-600 **\$6.95 EACH**
- MODEL 301 D.C. VOLTS 3 1/2" RD 1-0-1 15-0-15 300-0-300 **\$6.95 EACH**
- MODEL 301 D.C. AMPS. 3 1/2" RD 0-1 0-2 0-4 **\$6.95 EACH**
- MODEL 301 D.C. M.A. 3 1/2" RD 0-50 0-100 0-200 **\$6.95 EACH**
- MODEL 476 A.C. VOLTS 3 1/2" RD 0-10 0-150 0-500 **\$6.95 EACH**
- MODEL 476 3 1/2" RD 0-100 A.C. MILLIAMP **\$6.95**
- 0-250 " " " " " "
- 0-3 " " AMPERES " " " "

WESTON MODEL 506 2 1/2" RD. 0-5 D.C. KV FS-1 MA **\$3.95**

0-500 D.C. V FS-1 MA **3.95**

0-1 D.C. M.A. **3.95**

0-20/0-100 D.C. M.A. **3.95**

WESTON MODEL 517 2 1/2" RD 0-150 A.C. VOLTS **\$3.95**

RUGGEDIZED METERS
 PHAESTRON
 0-1 D.C. MA 2 1/2" **\$3.95**
 0-50 VDC 3 1/2" **\$4.95**
 0-1 DCMA 2 1/2" **3.95**
 WACLINE 2 1/2" RD. #ADD **3.95**
 DB -6 to 3, FS-200 MICAMP
 MARION #HS-2 2 1/2"
 0-18/0-36 D.C. VOLTS **\$3.95**

FRAHM FREQ. METER 48-62 CYCLE, 100-150 VOLTS, 3 1/2" RD 10 REEDS.
 TYPE MF-10 CAT. #4959 **\$6.95**

TS-328A/U 400 C FREQUENCY METER PORTABLE POCKET TYPE WITH HINGED COVER & TEST LEADS, 9 REEDS 380 TO 420 CYCLE 3x6x4; WT: 2 LBS USED **\$7.95**

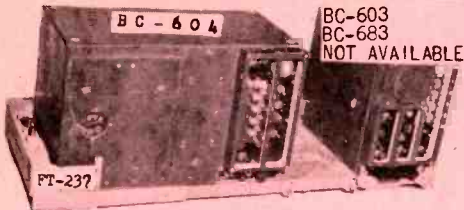
AUTOMOTIVE MOTORAIDE METERS

- CIRCUIT 0-1 M.A. MOVE. 0-10 V. SCALE 0-7.5 A. " 0-1K OHM " SIZE 3 1/2 x 5 1/2 **\$3.95**
- REGULATOR 0-1 M.A. MOVE. 0-60 DCA SCALE 0-10 DCV " 0-20 DCV " SIZE 3 1/2 x 5 1/2; **\$3.95**
- R.F. AMPERES 0-1 WEST. TYPE N810140 SC TYPE 1S-84 **\$2.95**
- MARK 11 No. 19 VOLT METER 2 1/2"; 0-15 & 0-100 SCALE, 500 MICR CAMP MOVE. PC90609C **\$3.95**
- VARIOUS MFG. DISCLOSED FACES, 3 1/2" RD. D.C. MILLIAM 0-50 0-150 0-500 **\$2.95**
- 0-100 0-200 (0-1ADC) **\$2.95**

FM

TRANSMITTERS-RECEIVERS

AM



BC-604 TRANSMITTER

FREQ. RANGE 20-27.9 MC OUTPUT APPROX. 30 WATT. 10 CRYSTAL CONTROLLED CHANNELS. FREQ. 54 TIME CRYSTAL FREQUENCY. 12 VOLT DC OPERATION WITH DM-35 DYNAMOTOR. 24 VOLT DC OPERATION WITH DM-37 DYNAMOTOR. BATTERY DRAIN 20A. ON 12 VOLT TUBE LINEUP: 1619 DOUBLER, 1619 TRIPLER, 1619 1ST RF AMPLIFIER, 1619 RF RECTIFIER, 1624 POWER AMPLIFIER. SIZE: 18"X11 1/2"X10 3/8" D. WT: 60 LBS. LESS DYNAMOTOR. RE-NEW \$7.95

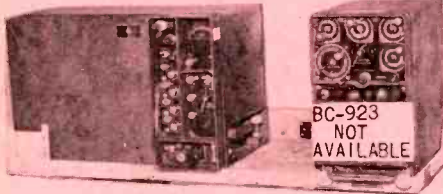
BC-684 TRANSMITTER

SAME AS BC-604 FREQUENCY RANGE 27 TO 39.1 MC

Used \$6.95

BC-924 TRANSMITTER

New \$ 12.95 Used 8.95



FREQ. RANGE 27 TO 39.1 MC. 12 VOLT DC OPERATION. VOLTAGE REGULATED M.O. CIRCUIT. SLUG TUNED COILS HI AND LOW OUTPUT SWITCH. 30 WATT OUTPUT ON HI POSITION. CONTAINS INTERPHONE AMPLIFIER. SCHEMATIC ENCLOSED IN CABINET. TUBE LINEUP: 6SJ7 OSCILLATOR, 6J5 MODULATOR, 6SJ7 BUFFER, 6AG7 AMPLIFIER, 815 DOUBLER, 815 FINAL, 7SL7 1ST AUDIO, 6V6 2ND AUDIO, VR150 VOLTAGE REGULATOR. VOLTAGE REQUIRED 12 OR 24 VDC AND 400 VDC @ 400 MA. SIZE: 18"X11 1/2"X10 3/8" IN. D WT: 52 LBS

FT-237 MOUNTING BASE

RE-NEW \$7.95

SHOCK MOUNT BASE TO HOLD ONE BC-924 TRANSMITTER AND ONE OR TWO BC-923 RECEIVER OR, ONE BC-603 RECEIVER. SOCKETS ON THE BASE WILL MAKE ALL OF THE NECESSARY CONNECTIONS TO THE SETS. TERMINAL BLOCK MOUNTED ON THE BASE FOR REMOTE CONTROL CABLE. WT: 44 LBS SIZE: 11 3/4" W X 1 3/4" H X 33 5/8" L.

IDENTIFICATION SET

RT-82/APX-6 RADAR IDENTIFICATION SET

RECEIVER-TRANSMITTER COVERING RANGE OF 950-1150 MC. IF FREQ. 59.5/1.5 MC. (CAN BE CONVERTED TO 1215 MC. GST FEB. '61, SEPT. '60; 1296 MC. GST JUNE '61). WITH (30) TUBES 6/6J6, 1/6AS6, 1/3E29, 3/6AL5, 1/5Y3, 2/3B24, 3/6AL5, 2/12AU7, 7/6AK5, 1/2C42, 1/2C46, 1/1B40, 1/1N-43, 1/1N-25. DIGIT COUNTERS ON TUNERS FOR TRANS-REC-LO FREQ. CONTROLS. VOLTAGE REQUIRED 24 AND 115 400/800 CYCLE. SIZE: 13X13X10; WT: 45 LBS. PRICE: USED WITH TUBES \$16.95

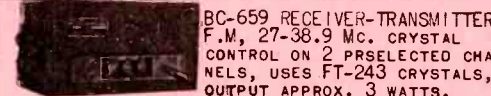
F-M RECEIVER 152-172 MC

R-394 FM RECEIVER 152 TO 174 MC, ONE CHANNEL CRYSTAL CONTROL ON ANY FREQ. IN THE RANGE. FREQUENCY DEVIATION 15 KC. AUTOMATIC GAIN & SQUELCH CIRCUITS. I.F. FREQ. 78 & 4.5 KC. UNITIZED PLUG IN UNIT. COMPLETE WITH 22 TUBES 14/5687, 1/5840, 1/5783, 1/5672, 2, & 1/6AK6. (THIS REC. DOES NOT HAVE A CONTROL PANEL. THE TCS CONTROL BOX LISTED BELOW CAN BE MODIFIED FOR USE WITH THIS SET AND WE FURNISH INSTRUCTIONS. THE VIBRATOR POWER SUPPLY IS INSIDE THE UNIT AND YOU CAN HAVE YOUR CHOICE OF 6, 12 OR 24 VOLT SUPPLY. SPECIFY WHEN ORDERING. SIZE: 5 1/2 X 8 X 14; WT: 33 LBS. PRICE USED: WITH POWER SUPPLY... \$49.50 LESS " " ... 45.00 PLUG TO FIT FRONT END OF RECEIVER \$1.50



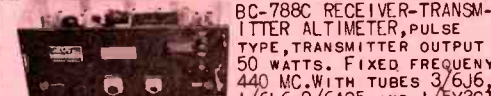
T-91/VRC-4 TRANSMITTER, AM, 25 W. CW/PHONE, 4 CRYSTAL CONTROLLED CHANNELS IN THE BAND OF 1.7 TO 8.7 MC. OR A TUNEABLE CHANNEL VARIABLE 4.0 TO 7.0 MC. WITH TUBES 1/6V6, 2/6L6 & 1/807 NO POWER SUPPLY, REQUIRES APPROX 600 VDC FOR B SUPPLY AND 6 VOLTS FOR FILAMENTS. SIZE: 15 1/2 X 11 X 14 1/2; WT: 50 LBS. UNUSED R-114/VRC-4 RECEIVER AM, 4 CRYSTAL CONTROLLED CHANNELS 1.7 TO 8.7 MC. ONE TUNEABLE CHANNEL 190 TO 510 KC. IF FREQ. 525 KC. FOR CW/PHONE WITH SPEAKER & TUBES 4/6SK7.1 8.2/6SQ7 & 1/6K6. VOLTAGE REQUIRED 6 V & APPROX 220 VDC SIZE: 15 1/2 X 11 X 14 1/2; WT: 40 LBS. UNUSED

T/91/VRC-4 Trans. & R-114/VRC-4 Rec. \$49.50

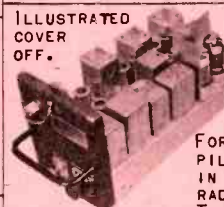


BC-659 RECEIVER-TRANSMITTER F.M., 27-38.9 MC. CRYSTAL CONTROL ON 2 PRESELECTED CHANNELS, USES FT-243 CRYSTALS, OUTPUT APPROX. 3 WATTS. SELF CONTAINED SPEAKER, MIC & PHONE JACKS. W/TUBES 1/1LH4, 1/1LC6, 4/1LN5, 2/1291, 4/1299, 1/1291, W/TUBES, SPEAKER & METER. REQUIRES PE-117 OR PE-120 POWER SUPPLY FOR OPERATION FROM 6/12 VOLT. SIZE: 15X13 1/2 X 7; WT: 30 LBS. PRICE: REC-TRANS. ONLY USED \$14.95 RN \$17.95 REC-TRANS. W/POWER SUP. " 18.95 RN \$21.95

PE-117 POWER SUPPLY ONLY USED	5.95 RN	7.95
PE-120 " " " " " "	5.95 RN	7.95
PE-97 " " " " " "	5.95 RN	7.95
CS-79 BATTERY CASE EMPTY " "	1.00 RN	1.95
BX-40 CRYSTAL CASE " "		1.95
AN-45 TELESCOPING ANTENNA 8 FT. " "		2.95



BC-788C RECEIVER-TRANSMITTER ALTIMETER, PULSE TYPE, TRANSMITTER OUTPUT 50 WATTS. FIXED FREQUENCY 440 MC. WITH TUBES 3/6J6, 1/6L6, 9/6AG5 AND 1/5Y3GT OPERATES FROM 115 VOLT 400 TO 2400 CYCLE. SIZE: 15 1/2 X 9 X 8; WT: 13 LBS. PRICE: USED \$9.95



R-122/ARN-12 AIRBORNE EQUIPMENT DESIGNED TO RECEIVE RADIO SIGNALS TO DELIVER AURAL & VISUAL INDICATION OF THE RECEIVED SIGNAL TO THE PILOT OF THE AIRCRAFT IN WHICH IT IS INSTALLED. FORM THESE INDICATIONS THE PILOT CAN ACCURATELY CHECK IN RESPECT TO A PARTICULAR RADIO RANGE STATION. THE RECEIVED SIGNAL IS FIXED FREQ. 75 MC. A-M MODULATED AT 400, 1300 OR 3000 CPS. AND OPERATES FROM 24 VOLTS DC FOR FILAMENTS AND B VOLTAGE. COMPLETE WITH TUBES 5/6AJ5, 2/6AL5W & 2/2B07. HAS CRYSTAL CONTROLLED OSCILLATOR WITH 6.9 MC., IF FREQ. SIZE: 10X5X6; WT: 8 LBS. PRICE: USED \$4.95



R-150/CRW-7 RECEIVER HIGH FREQUENCY FOR REMOTE CONTROL USE IN THE 65 TO 93 MC. BAND. (15 MC. I.F.) VARIABLE CAPACITORS FOR PRESET FOUR CHANNELS FOR SIMULTANEOUS RECEPTION TO OPERATE FOUR DIFFERENT RELAYS. COMPLETE WITH 10 TUBES 6/6AG5, 3/6J6, 1/6AL5 24 VOLT DYNAMOTOR, RELAYS, BAND FILTER ETC. SIZE 6X10X8; WT: 18 LBS. PRICE USED \$4.95

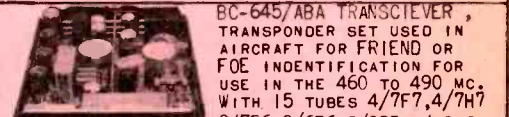


RT-18 ARC-1 AM TRANS. AIRCRAFT RECEIVER-TRANSMITTER AM 100 TO 156 MC CRYSTAL CONTROLLED ON TEN PRESELECTED CHANNELS, 30 WATT CW & PHONE. WITH TUBES 18/6AK5, 2/6CA, 2/6V6 2/6J6, 2/12A6, 2/832, 12SL7 VOLTAGE REQUIRED 24 VDC & 360 VDC 135 MA. SIZE: 21 1/2 X 10 1/2 X 7 1/2; WT: 40 LBS. USED 10 CHANNEL... \$49.50

COMPASS SYSTEM



REMOTE READING MAGNESYN COMPASS SYSTEM, AIRCRAFT TYPE. CONSISTS OF A MAGNESYN COMPASS THAT TRANSMITS TO A 3" INDICATOR THAT IS CALIBRATED IN DEGREES --- N-S-E-W AND IS OPERATED BY THE 12 VOLT D.C INVERTER THAT IS SUPPLIED WITH THE SET. SHPG. WT: 15 LBS. PRICE WITH TRANSMITTER, INDICATOR, INVERTER AND MANUAL... USED \$24.95



BC-645/ABA TRANSCEIVER, TRANSDUCER SET USED IN AIRCRAFT FOR FRIEND OR FOE IDENTIFICATION FOR USE IN THE 460 TO 490 MC. WITH 15 TUBES 4/7F7, 4/7H7 2/7E6, 2/6F6, 2/955, 1/W316 (THOUSANDS OF THESE SETS HAVE BEEN CONVERTED TO HAM BAND 420-450, MOBILE 460-470, TV EXP. 470-500) SIZE: 6 1/2 X 11 X 14; WT: 20 LBS. PRICE: UNUSED \$14.95

BC-646 CONTROL BOX FOR ABOVE. \$ 1.95 MOUNTING FOR CONTROL BX. 1.00 MOUNTING FOR TRANSCEIVER 1.50 ANTENNA ASSEMBLIES FOR SET (2) 1.95 COMPLETE SET OF PLUGS \$4.95; INDIVIDUAL EA \$1

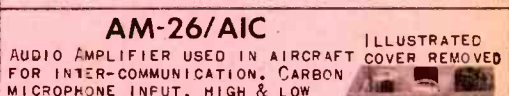
CARRIER MONITOR

WHEN COUPLED TO TRANSMISSION LINE PROVIDES DC/AUDIO CURRENT TO LOCAL OR REMOTE POSITION. TWO VACUUM CAPACITORS 3 MMFD 15 KV. ARE SUPPLIED FOR 500 TO 50M WATT TRANSMITTER 2 TO 30 MC. INPUT/OUTPUT IMPEDANCE 600 OHM LINE. OPERATES 115/230 V 60 CYC. WITH TUBES 1/6AL5, 1/6X4, 1/6J6, 1/V103. ALSO OUTPUT JACKS ETC. OUTPUT JACKS & CONTROLS. P/N 1028017; SIZE: 6X6X8 1/2; WT: 15 LBS. PRICE: UNUSED \$8.95 LESS 2 VACUUM COND. \$5.95

SERVO AMPLIFIER

SENSITIVITY AMPLIFIER #667504 AS USED IN AIRCRAFT SERVO SYSTEM. COMPLETE WITH 10 TUBES, 5/5829, 1/5787, 2/5687, 1/12AX7 & 1/12AU7. ALSO HAS 2 OUNCER TRANSFORMER PRECISION RESISTORS, POTENTIOMETERS, CONDENSERS, ETC. SIZE: 5X3X4; WT: 3 LBS. PRICE: USED \$3.95

I-196 SIGNAL GENERATOR; PORTABLE BATTERY OPERATED TEST UNIT USED TO CHECK LF AND HF BANDS OF BC 966 IFF SET, APPROX 160 TO 220 MC. USES ONE 957 ACORN TUBE, HAS VARIABLE FREQ. & TONE CONTROL, PILOT LIGHT, SWITCH. HOUSED IN WOOD CASE WITH CANVAS COVER AND CARRYING STRAP. BATTERIES REQUIRED 1.5 AND 135 VDC. SIZE: 8 1/2 X 8 1/2 X 14; WT: 10 LBS. PRICE: NEW \$2.95



AM-26/AIC ILLUSTRATED AUDIO AMPLIFIER USED IN AIRCRAFT FOR INTER-COMMUNICATION. CARBON MICROPHONE INPUT, HIGH & LOW IMPEDANCE OUTPUT WITH VOLUME CONTROL. NORMALLY OPERATES FROM 24 VOLTS DC FOR FILAMENTS AND 250 VOLTS DC 60 MA. FOR B THAT WAS SUPPLIED BY A DM-32 DYNAMOTOR THAT WAS MOUNTED ON THE BACK. COMPLETE WITH TUBES 2/12J5 & 2/12A6. FOR CONVERSION TO 9 WATT AMPLIFIER SEE SUPPLEMENTAL CONVERSION MANUAL #2 PRICED AT \$3.00) SIZE: 9 1/2 X 5 1/2 X 5 1/2; WT: 6 1/2 LBS. USED \$3.95

ARC-5

COMMAND RECEIVERS—TRANSMITTERS

The COMMAND SET series of transmitters and receivers are the most popular surplus items on the market to-day.

The series consist of several units covering the frequency range of 190 KC to 9.1 MC for the receivers and 2.1 to 9.1 MC for the transmitters.



R-26/ARC-5 RECEIVER
3 to 6 MC.
WITH C-131/AR
ELECTRIC OR MANUAL
CONTROL FOR
24 V.D.C. OPERAT.
WITH CONN. PLUG.
PRICE: GOV'T OVERHAUL....\$24.95

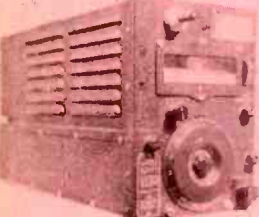
The receivers are six tube superhets using the following tubes, 1/12A6, 2/12X8Y, 3/12SK7 & 1/12SR7. Designed to operate from 24 VDC dynamotor, which mounted on the rear of the set, supplying 250 VDC 60 MA.
Size of set 5 x 5 x 11 WT. 6 lbs.



R-24/BC-454 3 to 6 mc Re-new \$24.95
R-25/ARC-5 1.5-3 " " " 24.95

TRANSMITTERS

The transmitters with proper use can put out 50 watts or CW and watts on voice, with the use of the BC-456 modulator which is a separate unit. Dynamotor used with equipment is a DM-33 24 VDC input output 575 VDC 175 MA & mounts on the modulator. Tubes used 2/1625, 1/1626 & 1/1629 magic eye tube for crystal calibration
Size 5 x 7 x 12 WT. 9 Lbs



T-18/ARC 2.1 to 3.0 mc new \$12.95
used 9.95
T-19/ARC 3.0 to 4.0 mc used 9.95
BC-696 3.0 to 4.0 mc new 14.95
T-20/ARC 4.0 to 5.3 mc used 6.95
new 9.95
T-21/ARC 5.3 to 7.1 mc used 6.95
new 9.95
T-23/ARC 100 to 156 mc new 24.95

R-23 Receiver chassis 190-550 kc. less tubes, rf/lf coils, cover etc. with var. condenser, sockets, cond. res. trans. etc.
6 lbs

Price: \$3.95

AC 115 VOLT 60 CYCLE POWER SUPPLY FOR COMMAND RECEIVERS WITH SPEAKER, VOLUME CONTROL, CW, CONNECTOR PLUG ETC. (SEE PAGE 20) \$18.95

35X032 DYNAMOTOR 12 VOLT. \$ 4.95
DM-32 " 24 V. U. \$2.95 N 4.95
SPIN TUNING KNOB FOR REC. 1.00
CONNECTOR PLUGS F/REC-TRANS. 1.50

C-26/ARC CONTROL Box 1 REC. U1.50
BC-496 " " 2 " NI.95
BC-451 " " 1 TRA. U1.50

AMPLIFIER

AM203B/ARA-19 AMPLIFIER; PART OF REMOTE COMPASS TUNING SYSTEM AS USED WITH ARN-6 RADIO COMPASS. PROVIDES AN ACCURATE MEANS OF TUNING ELECTRICLY. WITH 2/26A7 TUBES 1/12SN7 TUBE. OPERATES FROM 24 VOLT D.C. ALSO HAS 3 SEALED RELAYS, COND. RES. ETC. SIZE: 5x6x4 1/2; WT: 5 LBS. RE-NEW \$3.95



RAX-1 RECEIVER; FOUR BAND 200 TO 1500 KC. LARGE 4" DIAL, C.W. MCW, ANT. TRIM., VOL. CONT. AND PHONE JACK ALL ON FRONT PANEL. W/TUBES 3/12SK7, 1/12K8, 1/12SR7 & 1/12A6. VOLTAGE REQ. 24 VOLT FILAMENTS, & 200-220 VDC, 80 MA. SIZE 7 1/2 x 7 x 1 7/8 WT: 25 LB. USED \$29.50
A.C. SUPPLY W/SPEAKER/CASE \$18.95
SHOCKMOUNTING F/RECEIVER 2.50

BC-1335

F-M RECEIVER TRANSMITTER

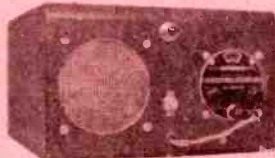
CRYSTAL CONTROL ON ANY TWO PRE-SET FREQ. IN THE 27 TO 38 MC. BAND USING FT-243 CRYSTAL HOLDER APPROX. 2 WATTS OUTPUT. VIBRATOR TYPE POWER SUPPLY THAT OPERATES FROM 6 OR 12 VOLTS DC. USES 18 TUBES, 7/1L4, 2/1R5, 5/3A5, 2/3C4, 1/1A3 & 1/6AF6G. THESE SETS ARE USED AND SOLD AS IS LESS TUBES AND VIBRATOR. THEY WILL REQUIRE SOME WORK.
SIZE: 13 1/2 x 12 1/2 x 3 1/2; WT: 30 LBS. USED \$6.95

SEA RESCUE

AN/CRC-7 TRANSMITTER-RECEIVER VHF SEA RESCUE 140.58 MC., TWO-WAY COMMUNICATION VOICE OR M.C.W. (CONVERSION TO TWO METER CAN BE FOUND IN SURPLUS CONVERSION MANUAL #3 & SURPLUS SCHEMATICS HANDBOOK HAS SCHEMATIC, PRICE \$3.00 EA.) WITH 3/3A5, & 1/3C4 TUBES. OPERATES FROM DRY CELL BATT. 1.3 VDC FOR FILAMENTS AND 97.5V FOR B VOLTAGE, HAS 3 PUSH BUTTONS FOR TONE, REC, AND TRANS. ONE ELEMENT IS USED FOR MIC AND PHONE, TELESCOPING ANTENNA. TRANSMITTER IS CRYSTAL CONTROLLED AND RECEIVER IS SUPER-REGENERATIVE.
SIZE: 15" LONG 2 1/2" DIA. WT: 4 LBS.
PRICE: USED.....\$14.95



AC BEACON RANGE RECEIVER



BC1206-C BEACON RECEIVER



BC-1206 AIRCRAFT BEACON RECEIVER 200 TO 400 KC. OPERATES FROM 24 VDC 1.5 AMPS., 135 KC IF. COMPLETE WITH TUBES 2/14H7, 1/14J7, 1/14R7 & 1/28D7. CONTINUOUS TUNING, VOLUME CONTROL, ON/OFF SW. & PHONE JACK. SIZE: 4x4x6 1/2. WT: 5 LBS. SHOWN TO RIGHT. PRICE: USED CHECKED FOR OPERATION \$9.95 REC. ONLY

AC BEACON RANGE RECEIVER IN CABINET WITH 115 VOLT 60 CYCLE POWER SUPPLY & 4" PM SPEAKER, READY TO OPERATE. SIZE: 10x6x6; WT: 18 LBS.
PRICE: COMPLETE WITH NEW CABINET & POWER SUPPLY AND USED RECEIVER CHECKED \$29.95
SAME AS ABOVE, LESS RECEIVER.. 18.95

POWER SUPPLY ONLY, 115 VOLT 60 CYCLE OPERATION OUTPUT 24 VOLTS DC 1.5 AMPS. MOUNTED ON METAL CHASSIS 6x5x7; WT: 5LBS. KIT...\$7.00 WIRED \$9.95

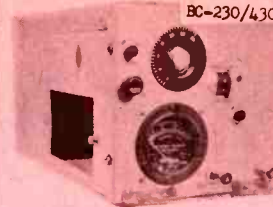


R-4/ARR-2 RECEIVER 234-258 MC. 11 TUBE AIRCRAFT UNIT FOR RECEPTION OF DOUBLE AMPLITUDE MODULATED CARRIER OPERATES FROM 24 VDC & 250 VDC 60 MA. COMPLETE WITH TUBES 3/6AK5, 7/9001 & 1/12 A6. SIZE: 5x5x11, WT: 6 LBS
PRICE: RE-COND. \$6.95



COMMAND SET RACKS & FLEXIBLE SHAFT
FT-234 HOLDS ONE TRANSMITTER \$1.50
FT-226 " TWO " 2.00
FT-331 " FOUR " 3.00
FT-233 " ONE RECEIVER 2.00
FT-220 " THREE " 2.00
FT-225 " ONE MODULATOR 1.50
MC-215 FLEXIBLE SHAFT AP. 6' 1.50
MORE THAN 6' EA. EX. FT. 25

TRANSMITTERS - RECEIVERS



BC-230/430 TRANSMITTER

Transmitter approx. 10 watts Voice and 20 watts CW in the freq range of 3000 to 7700 KC by use of plug in coils. Uses tubes 2/10Y, 2/45. Output meter 2" 0 to 1.5 RF. MO control on front panel. Voltage required approx 300 VDC for plates & 12VDC for BC-230 & 24 VDC for BC-430. Size 13"x8"x7". WT. 10 1/2 lbs.

Price with tubes, plug in coils & schematic, UNUSED \$8.95

BC-229/429 RECEIVER

Receiver TRF, uses plug in coils to cover the freq. range of 201 to 398 & 2500 to 7700 KC. Six tubes 1/37, 1/38, 4/39. Voltage required 220 VDC to 275 VDC 80 MA. & 12 VDC for BC-229 & 24VDC for BC-429. Size 16 x 8 x 7. WT 12 lbs.
Price with tubes, plug in coils & schematic, used \$8.95

Control Box BC-231 F/ receiver or BC-232 F/ trans. each \$1.00
Connector plugs for rec, trans., dynamotor or boxes, " \$1.00
Schematic showing rec, trans, boxes etc. \$1.00
Tuning knob for Receiver local control \$1.00
Remote tuning head for receiver \$2.00
Remote tuning shaft for receiver, specify length \$1.50
Separate coils for receiver, specify freq. coverage \$1.75
Dual coil 201-398 & 2500-4700 or 4700-7700 each. \$1.75
Separate coils for transmitter, specify freq coverage. \$1.75
2500-3200, 3200-4000, 4000-5000, 5000-6200, 6200-7700.
Mountings for Rec., Trans. Dyn., Each mounting \$1.50

BC-375 TRANS BC-191 SEE PAGE 25 FOR TUNING UNITS

TRANSMITTER AM 100 Watt CW - MCW - Voice, Frequency coverage 200 - 500 KC & 1500 - 12,500 KC. by use of plug in tuning units listed below.
Tube line up 1/10Y & 4/VT-4C (211). Complete with tubes, less tuning units. Requires 12VDC for BC-191 & 24 VDC for BC-375 filaments & relay. 1000 VDC 350 MA. plates. Meters 2" for reading 0-8 RF, 0-500 MA, & 0-15 DC. With schematics.

BC-191 F/12 VOLT
UNUSED \$34.95



BC-375 TRANS. 24 VOLT, RE-COND \$49.50; UNUSED \$59.95
DYNAMOTORS BD-77/12 VOLT; PE-73/24 VOLTS, USED \$12.95
PLUGS FOR TRANSMITTER OR DYNAMOTOR; EACH PLUG \$1.00
CABLES WITH PL-61, PL-64, PL-59.....\$2.75

ANTENNA COUPLER



CU-168 ANTENNA COUPLER; PROVIDES MEANS FOR OPERATING FIVE RECEIVE FROM A SINGLE ANTENNA. THE INPL CIRCUIT TO WHICH THE ANTENNA IS CONNECTED IS DESIGNED FOR OPERATION FROM AN UNBALANCED LINE HAVING A NOMINAL IMPEDANCE OF 70

OHMS. THE OUTPUT TO THE RECEIVER IS ALSO 70 OHMS. COVERS THE FREQUENCY RANGE OF 2-32 MC. WITHOUT ANY TUNING OR ADJUSTMENT. EACH REC. COUPLING CIRCUIT HAS 4/12AU7 TUBES OF 20 TUBES IN ALL. POWER SUPPLY OPERATES FROM 115 V 50-400 CYCLE. RACK PANEL MOUNTING 19 X 8 1/2, 5U4 TUBE IS USED IN P.S., UG-21 COAXIAL CONNECTORS FOR INPUT CIRCUITS. SHPG. WT; 75 LBS. WITH TUBES UG-21 COAXIAL CONNECTORS, AND MANUAL.
PRICE: NEW \$39.95

DIRECTIONAL ANTENNA

AS-81/GR DIRECTIONAL ANTENNA SYSTEM; DESIGNED AS AN ADDITION TO COMMUNICATION RECEIVERS THIS SYSTEM PERMITS THE USE OF UNIDIRECTIONAL RECEPTION. TWO LOOP ANTENNAS FOR COVERING THE FREQ. OF 1.1 TO 4.2 MC AND ONE TELESCOPING WHIP ANT. THE UNIT ALSO HAS ONE TUBE TUNABLE SENSING CIRCUIT USING A 12J5 TUBE AND OPERATES FROM A 12 VOLT VIBRATOR POWER PACK THAT IS SUPPLIED THE COMPLETE UNIT AS DESCRIBED IS CONTAINED IN A CARRYING CHEST 15x14x20 1/2 WITH CABLES AND MANUAL. SHPG. WT: 75 LBS.
RENEW \$19.95



SCR-522 RADIO SET

100-156 MC

RECEIVER-TRANSMITTER AM, FOUR CHANNEL, CRYSTAL CONTROL, 30 WATT OUTPUT, 18 TUBES AS FOLLOWS: TRANSMITTER, 1/6SS7, 2/832, 3/12A6, 1/6G6. RECEIVER, 1/9002, 1/9003, 3/12A6, 1/12C6, 2/12AH7, 1/12H6 & 3/12SG7. BOTH UNITS CAN BE REMOVED FROM CASE SEPARATELY. OVERALL SIZE: 16 1/2 x 12 x 10-3/4" WT: 49 LBS. PRICE: USED \$29.95



RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE: USED WITH TUBES \$14.95 NO TUBES

RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED, WITH TUBES \$14.95 NO TUBES \$7.95

TRANSMITTER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED WITH TUBES \$18.95 NO TUBES \$7.95

BC-602 CHANNEL SELECTOR CONTROL BOX WITH PUSH BUTTONS. BC-602B USED \$1.95 BC-602D NEW \$2.95

NOTE: FOR THE MICROPHONE & PHONE CIRCUITS JACKS CAN BE INSTALLED IN THE BC-602

JB-29 JUNCTION BOX NEW \$2.95
AN-104 ANTENNA, METAL COVERED WOOD NEW 1.95
PE-98 DYNAMOTOR 12 VOLT USED 9.95
PE-94 " 24 " " 4.95

PLUGS REQUIRED FOR THE EQUIPMENT

SCR-522 RECEIVER-TRANSMITTER REQUIRES THE FOLLOWING PLUGS, PL-173 TO ANTENNA, PL-169 TO DYNAMOTOR, PL-170 TO JB-29 JUNCTION BOX. \$1.50 EACH

BC-602 CONTROL BOX, REQUIRES FOLLOWING PLUGS, PL-169 TO JUNCTION BOX. \$1.50 EA.

PE-98 OR PE-94 DYNAMOTOR REQUIRES FOLLOWING PLUGS, PL-172 TO BATTERY, PL-171 TO RECEIVER-TRANSMITTER. \$1.50 EA.

JB-29 JUNCTION BOX, REQUIRES THE FOLLOWING PLUGS, PL-170 TO RECEIVER-TRANSMITTER PL-169 TO BC-602 CONTROL BOX. \$1.50 EA.

RA-62 AC POWER SUPPLY FOR SCR-522, OPERATES FROM 115/230 VOLTS 60 CYCLE, SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION. SIZE: 16x11x11; WT: 75 LBS. PRICE USED \$59.50 REQUIRES PL-171 PLUG FOR HOOK-UP TO REC-TRANS PRICE \$1.50. AC LINE CORD DETACHABLE TYPE \$1.00

ARC-3 100-156 MC

R-77/ARC-3 VHF AIRCRAFT TYPE AM RECEIVER, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 9001, 9002, 12A6, 12H6, WITH TUBES 9001, 9002, 12A6, 12H6, 12SH7, 12SL7, 2/12SN7, 3/12SG7 & 6/6AK5. VOLTAGE REQUIRED 24 VDC & 210 VDC 125 MA. SIZE: 11x7x15. WT: 21 LBS. W/SCHEMATIC PRICE: USED WITH TUBES \$22.50 CONNECTOR FRONT OF SET \$2.50

T-67/ARC-3 VHF AIRCRAFT TYPE TRANSMITTER AM, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE, WITH TUBES 2/832, 2/6L6, 1/6J5, 3/6V6 & 1/12SH7. VOLTAGE REQUIRED 24 VDC & 410 VDC 325 MA. SIZE: 15x7x12. WT: 21 LBS. PRICE: USED WITH TUBES \$22.95

JB-68 JUNCTION BOX FOR ARC-3 RADIO SET USED TO MOUNT DYNAMOTORS DY-22 FOR REC & DY-21 FOR TRANS. ALSO HAS CONNECTOR PLUGS TO HOOK UP REC, TRANS, CONTROL BOX & POWER, & RELAYS. SIZE: 10x3x8. WT: 7 LBS. PRICE USED \$7.95

CONNECTOR PLUG FOR EACH FACILITY \$2.50 EACH

C-118/ARC-3 CONTROL BOX FOR RECEIVER AND TRANSMITTER. HAS EIGHT PUSH BUTTONS FOR CHANNEL SELECTION AND ONE FOR OFF. SIZE: 6x3x7 WT: 2 LBS. PRICE: \$4.95 CONNECTOR PLUG U-16/U \$2.50

IE-36 TEST SET FOR SCR-522 REPRODUCES THE OPERATING FUNCTIONS OF THE CONTROL BOX & JACK BOXES OF THE RADIO BY PROVIDING HEADPHONE & MICROPHONE, CHANNEL SELECTION PLUS ALL OTHER CONTROLS NECESSARY TO OPERATION AND TESTING. CONTROL UNIT BC-1303 PLUGS DIRECTLY INTO THE SCR-522 ALSO HAS PHANTOM ANTENNA & CORD, LAMP EXTRACTOR, ADAPTER PHONE CORD, INSTRUCTION BOOK AND CARRYING CASE, 10x10x4; WT: 8 LBS. PRICE: NEW \$6.95

SCR-522 CABLES WITH PLUG ON ONE END AND LUG TERMINALS ON THE OTHER. EACH CABLE \$2.95
CX-58/VRC-1 PLQ-170 PLUG & LUGS, 36" LONG.
CX-60/VRC-1 PL-169 " " " 36" "
CX-62/VRC-1 PL-172 " " " 66" "

TRANSCIEVER

BC-745 AM TRANSMITTER-RECEIVER COVERING THE FREQ. RANGE OF 2-6 MC PHONE, WITH A RANGE OF FIVE MILES UNDER FAVORABLE CONDITIONS. CRYSTAL CONTROL ON TWO PRESELECTED FREQ. BY USE OF PLUG IN COIL & CRYSTAL ASSY. BC-746. THE SET SIZE IS 6x6x6 AND IS MOUNTED ON A 32" STAFF AND HOUSES THE TELESCOPING ANTENNA WHEN NOT IN USE. COMPLETE WITH TUBES, 1/1S5, 3/1T4 & 5/3S4 & ONE PLUG IN FREQ. ASSY. VOLTAGE REQUIRED 1.5 VDC/35 A, 67.5 VDC/20 MA & 105-125 VDC/50 MA. WT: 10 LB. PRICE: USED, \$14.95 UNUSED \$19.95



BC-746 PLUG IN COILS & CRYSTAL ASSEMBLIES CHANNEL #1 3010 Kc CHANNEL #2 5030 Kc CHANNEL #5 5500 Kc CHANNEL #13 5305 Kc ONE OF THE ABOVE SUPPLIED WITH PURCHASE OF SET, ADDITIONAL UNITS \$1.95 EA.

T-39 CHEST UNIT THAT WAS USED TO CARRY DRY CELL BATTERIES, ALSO HAS MICROPHONE, PHONE JACK AND NECESSARY CABLE FOR CONNECTING TO RADIO SET. PRICE: USED, \$3.95 UNUSED \$5.95

PE-157 VIBRATOR POWER SUPPLY; OPERATES FROM 2 VOLT WET BATTERY BB-54 WHICH IS INSTALLED INSIDE THE CASE THAT SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION OF THE RADIO SET ALSO HAS 4" PM SPEAKER, CARRYING HANDLE AND CABLE FOR CONNECTING TO SET. SIZE: 11x5x8. WT 17 PRICE: USED NO SPEAKER \$10.95

PRESSURIZING UNIT

MK-23/AP PRESSURIZING UNIT: C/O OF A CYLINDER APPROX. 13 IN. LG. 2 IN. DIA. ATTACHED TO A GAGE 0-30, 3/4" INLET CYLINDER AND A 4" HOSE LINE. P/O APS-15 PRESSURIZING KIT. WT: 10 LBS. PRICE: \$3.95

COMPASS RECEIVER

AN/ARN-7 RADIO COMPASS RECEIVER 100 TO 1750 KC USED FOR AIRCRAFT DIRECTION FINDING BUT CAN ALSO BE USED ON BOATS. THE RECEIVER IS A SUPERHETERODYNE WITH ADDITIONAL CIRCUITS FOR OPERATION OF THE AURAL RECEPTION AS SHOWN ON THE INDICATORS. COVERS THE FREQUENCY RANGE OF 100 TO 1750 KC IN FOUR BANDS CONTINUOUS TUNING FROM CONTROL BOX WHICH IS A SEPARATE UNIT. UNIT OPERATES FROM 115 VOLT 400 CYC & 24 VDC AND IS COMPLETE WITH TUBES 4/6K7, 1/6L7, 1/6J5, 2/6B8, 2/6F6, 1/6N7, 1/5Z4, 1/6SC7 & 2/2051. SIZE: 12x8x9; WT 45 LBS. R-5/ARN-7 RECEIVER ONLY, USED \$18.95

ITEMS LISTED BELOW ARE REQUIRED FOR ADF OPER.

- C-4/ARN-7 Control Box USED \$3.95
- I-8/AN INDICATOR 3" " 2.95
- I-82A " 5" " 3.95
- LP-21 AM LOOP ANTENNA " 9.95
- FT-224 MOUNTING F/C-4CB " 1.50
- MG-149F INVERTER " 14.95
- MC-203 SHAFT COUPLING "T" " 1.00
- MC-136 SHAFT " RT/ANGLE " 2.50
- BK-22 RELAY JUNCTION BOX " 2.95
- MC-124 FLEXIBLE SHAFT 2 FT. " 1.50
- CD-365 CABLE FOR LOOP 5 FT. " 2.75
- PL-122 CONNECTOR PLUG FOR RECEIVER " 2.50
- PL-112 " " LOOP " 2.50
- PL-118 " " " 1-81 OR 1-82 " 2.50

BC 433 COMPASS RECEIVER ADF

SAME AS R-5/ARN-7 RECEIVER SHOWN AND DESCRIBED ABOVE ONLY COVERS THE FREQUENCY RANGE OF 200 TO 1700 KC AND USES ALL THE SAME ACCESSORIES WITH THE EXCEPTION OF THE CONTROL BOX WHICH IS BC-434A PRICED AT \$3.95 USED. BC-433 RECEIVER ONLY, WITH TUBES USED \$12.95

MN-20C MANUAL ROTATABLE LOOP ANTENNA USED WITH RA-10DB & MN-26 RECEIVERS AS A DIRECTION FINDING ANTENNA IN THE 150 TO 1500 KC RANGE. 7 LBS. USED \$2.95 NEW \$3.95
MC-124 FLEXIBLE SHAFT FOR USE WITH LOOP 10 FT. \$1.95
AC-58257-2 CABLE 5 WIRE SHIELDED FOR ANTENNA CONNECTIONS. 8 FT. PLUG ONE END ONLY. \$1.95



MN-52 AZIMUTH CONTROL FOR MANUAL TURNING OF LOOP WITH CRANK AND BY USE OF FLEXIBLE SHAFT, HAS 0-360 DIAL, GRAIN OF WHEAT LAMP SWITCH & CRANK. USED \$1.95 N. \$2.95

MN-26 C RADIO RECEIVER

FOR AIRCRAFT OR MARINE USE CAN ALSO BE USED FOR HOME USE FOR WEATHER REPORTS. FREQUENCY COVERAGE 150 TO 1500 KC IN TWO BANDS. ELECT



BAND CHANGE, CONTINUOUS TUNING FROM MN-26C REMOTE CONTROL BOX. COMPLETE WITH 24 VOLT DC DYNAMOTOR, TUBES, 5/6K7, 2/6N7, 1/6B8, 1/6F6, 1/6L7, 2/6J5 ALL USED REC. SIZE: 12x6x16. WT: 37.5 PRICES: MN-26C RECEIVER ONLY USED \$9.95

MN-40 INDICATOR 0-360 DEGREE SCALE 5" WITH VAR. ADJUSTMENT. SAME AS I-82 INDICATOR ONLY OPERATES MECHANICALLY INSTEAD ELECTRICALLY BY USE OF SPLINED CONNECTORS AS USED ON MC-124 SHAFT. \$3.95

CONTROL BOXES MN-28C/MN-26C MN-28LB/MN-26LB USED \$3.95 EA. CONNECTOR PLUGS RECEIVER \$2.50 CONTROL BOX \$2.50 FLEXIBLE SHAFT 20"/\$1.50 5 1/2" \$2.8' \$3.00

BC 348 RECEIVER

BC-348() RECEIVER AM 6 BANDS 200-500 KC. & 1.5 TO 18 MC. CRYSTAL PHASING, ANTENNA ALIGN, BEAT OSCILLATOR & AUDIOGAIN CONTROLS, VERNIER AND SPEED TUNING, OUTPUT JACKS FOR PHONES & SPEAKER. WITH TUBES 3/6K7, 1/6J7, 1/6C5, 1/6K6, 1/6B8 & 1/6F7. VOLTAGE REQUIRED 24 VOLTS 2 A. & 220 VDC 70 MA. () ISSUE THAT IS AVAILABLE SIZE: 13x10x9. WT: 38 LBS. USED \$89.50

BC-733 RECEIVER 108.3-110.3 MC AM

AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-POINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY. OPERATES ON SIX CRYSTAL CONTROL PRESET FREQ. COMPLETE WITH TEN TUBES: 1/12AH7, 2/12SG7, 3/717, 2/12SR7, 1/12SQ7 & 1/12A6. VOLTAGE REQUIRED; 24 VDC & 220 VDC 80 MA. WITH SCHEMATIC. SIZE: 13x5x7 WT: 17 LBS. PRICE: USED \$5.95

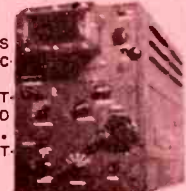
I-101C CROSS POINT INDICATOR, USED \$1.95 PL-257 PLUG TO FIT I-101C 1.50

BC-732 CONTROL BOX USED \$1.95 NEW \$2.95 CABLE WITH PL-254 TO FIT BC-733 REC. AND PL-256 PLUG TO FIT BC-732 CONTROL BOX 3 FT. PRICE: \$4.95 PLUGS ONLY 1.50

DM-53 DYNAMOTOR 24 VOLT USED \$4.95 NEW \$6.95
DM-53 AZ " 12 " NEW 7.95
AS-27 RAMS HORN ANTENNA \$5.95
PL-284 TWIN COAX PLUG F/BC-733-AS-27 1.00

R-65/APN 9 RECEIVER INDICATOR

LORAN SYSTEM AS USED ON BOATS AND IN AIRCRAFT. PROVIDES ACCURATE MEANS OF DETERMINING POSITION FROM FIXED TRANSMITTING STATIONS WHEN DESIRED AND OTHER MEANS ARE INEFFECTIVE. CONSISTS OF A RECEIVER, OPERATING IN THE MARINE BAND, AND INDICATOR USING A 3" CATHODE RAY TUBE FOR PRESENTATION OF THE RECEIVED SIGNALS. OPERATES FROM 24 VDC & 115 VOLTS 400 TO 800 CYCLES. SIZE: 9x12x30. WT: 36 LBS. PRICE; USED, LESS TUBES & LENS \$19.95 WITH " " 49.50



Headsets — Telephone Equipment — Microphones — Handsets



HS-33 HEADSET
NEWLY MANUF.
HEADBAND & 4 1/2 FT.
CORD WITH PL-55
TYPE PLUG. AIR
FORCE GREY. 600
OHM IMPED. WITH
CHAMOIS CUSHIONS
\$7.95
W/ RUBBER CUSHIONS
\$6.95



**HB-7
HEADBAND ONLY**
WITH 4 1/2 FT.
CORD AND PL-55
TYPE PLUG. AIR
FORCE GREY.
\$3.00
CHAMOIS CUSHIONS
\$1.50
RUBBER CUSHIONS
\$1.50



**HS-23 HEAD-
SET NEWLY
MANUF. W/4 1/2
FT. CORD &
PL-55 TYPE
PLUG. AIR
FORCE GREY. 2000
OHM IMPED. WITH
CHAMOIS CUSHIONS
\$6.95
W/ RUBBER CUSHIO
\$5.95**

H-58/U HEADSET
HIGH IMPEDANCE
2000 OHMS "Y"
CORD W/PL-55
ADJ. BAND
MFG. MURDOCK
NEW \$2.95



M1-2478-MOD.
LIGHTWEIGHT
SOUNDPOWERED
HEAD-THROATMIC
SET W/72" STRE
TCHED COILED
CORD, SWITCH &
CONTROL. 2 LBS.
UNUSED \$8.95



**ACOUSTICON CORD-
LESS MICROPHONE
AND AMPLIFIER**
HEARING AID, HEAD
BAND TYPE ASSEMBL
CONSISTS OF MIC.
AND 3 TUBE AMPLIFI
FIER WITH VOLUME
CONTROL AND BATTERY
COMPARTMENT
MOUNTED IN A
LIGHTWEIGHT HEADBAND. USES MERCURY
BATTERY RM-1H & MINI-MAX 15 V.
504E EVEREADY. PRICED WITH TUBES,
LESS BATTERIES AND PHONE UNIT.
#A200 NEW: \$2.95



RM-42 CONTROL UNIT USED TO OPE-
RATE A RECEIVER & TRANSMITTER
FROM A REMOTE POSITION WITH 2
CHANNEL SELECTION ALSO USED AS
INTER-COM OR CONNECTED TO BE
USED AS TELEPHONE SYSTEM. HAS
MAGNETO HAND CRANK GENERATOR FOR RINGING &
HANDSET WITH PL-204 ALSO 2 TELEPHONE TYPE SW-
ITCHES, 4 PILOT LIGHTS, VC, ON-OFF SW ETC.
REQUIRES WIRES BETWEEN EACH UNIT FOR USE AS
TELEPHONE AND BATTERIES. IN METAL CABINET WITH
SLOPPING FRONT, SIZE 7 1/2x8x9 WT: 14 LBS.
PRICE:... \$9.95

RM-52 REMOTE CONTROL UNIT (MACY'S PHONE PATCH)
USED FOR RE-CONTROL OF RADIO SET,
OPERATES FROM 4 FLASHLIGHT BATTERIES.
HAS MULTI-TAP TRANSFORMER, MIC, PHONE
HIGH/LOW IMPEDANCE & JACKS.
BASIC UNIT FOR MAKING MACY'S PATCH.
SIZE: 7 1/2x3 1/2x5 1/2; WT: 5 LBS.
PRICE: USED \$1.95 NEW \$2.95



RM-53 REMOTE CONTROL UNIT
BASICALLY THE SAME AS RM-52
ONLY IT HAS A 3 POSIT-
ION SWITCH AND CORDS
WITH PL-55 AND PL-68
PLUGS.
SIZE: 8 1/2x4 1/2x4 1/2; 6 LBS
PRICE: USED \$2.95
RE-NEW 3.95

**ACOUSTICON HEARING AID
MICROPHONE CASE ONLY** WITH
TRANSFORMER, VOLUME CONTROL
RESISTORS, CONDENSERS, AND
BATTERY HOLDER. NO MICRO-
PHONES TUBES OR BATTERIES
SATIN FINISHED GOLD COLOR
CASE. SIZE: 2 1/2x4x3. MODEL
A-320 CASE ONLY WITH PARTS
AS DESCRIBED ABOVE NEW \$3.39

TS-9 HANDSET NO PLUGS WITH
BUTTERFLY SWITCH &
PUSH TO TALK SWITCH & LUGS
USED \$3.95

TS-13 HANDSET WITH Y CORD
PL-68 MIC. & PL-55 PHONE
PLUGS. USED \$4.95

T-17 MICROPHONE SOUND
CARBON HAND POWERED
TYPE WITH HANDSET
PUSH TO TALK WITH COILED
RE-COND. CORD 1-4'
\$7.95 STK #D173012
NEW \$7.95

TELEPHONE WIRE
TWO CONDUCTOR OUTDOOR
7 STRANDES COPPER WELD
NEW MANUFACTURE WD-7
PRICE PER FOOT \$.02 1/2
2500 FOOT REELS 39.00
5000 " " 75.00

T-24/M CARBON MICROPHONE
WITH PUSH TO TALK
BUTTON AND
MODIFIED WITH
4 FT. COILED
CORD & PL-68
PLUG. WT: 1/2 LB. PRICE: NEW \$4.95

H-18(M) CARBON MICROPHONE F-1
TYPE ELEMENT MOUNTED ON PLATE
2x4" WITH 4" ADJUSTABLE BOOM
& PL-292 PLUG TO FIT CD-318
CORD. PRICE: \$1.50

DICTIPHONE HEADSET
ASSY. LIGHTWEIGHT BAND
WITH PLASTIC EAR PICES
CONNECTED TO RUBBER
TUBE THAT COMES TO A
Y THAT EXTENDS TO A
RUBBER CUP 4". CAN
BE USED AS A VIBRATION
TESTER OR A WAY OUT
SOUND REPRODUCER.
STK # 6C262-719
PRICE: \$1.00

**TELEPHONE EXTENSION
CORD WITH PLUGS.**
25 FT. W/4 PRONG
MALE & FEMALE CON-
NECTIONS. \$2.75
WALL & CORD PLUGS TO FIT, EA \$1.25

PUSH BUTTON & CALL
SIGNAL LIGHT SAME
SIZE AS TELEPHONE
DIAL.
MAKE OWN
INTERCOM.
\$3.95 EA.
3/\$1.00

**HB-8
HEADBAND
NO CORD
1 1/2" ELE-
MENT CLIP**
\$1.00

HS-30 HEADSET
250 OHM IMPEDANCE
HEARING AID TYPE
EAR PCS. FIT IN-
SIDE EAR. LIGHT-
WEIGHT HEADBAND,
CORD 9" LG. WITH
SPADE LUGS.
(SEE CD-604 CORD)
USED \$.98



**TELEPHONE TRANSM-
ITTER CHEST SET ;**
150 OHM IMPEDANCE
TRIANGULAR SHAPED
BRESTPLATE, HORN
MOUTHPIECE TYPE #
A-1. NO STRAPS.
WESTERN ELECTRIC
#396A \$1.50

**T-45
LIP
MIC**

**WECD-528
HEADSET**
250
OHM
PRICE
\$1.25
RE-NEW
LESS
PHONE
CORD

**T-30
THROAT
MIC.** Elements
only
\$1.00
a dozen

T-45 MICROPHONE
CARBON TYPE 100OHM
50DB BELOW 1 MILL-
VOLT, FLAT RESPONS
WITH PL-291 2 CONT
MALE PLUG, 11"CORD
USED 75¢

**CD-307 CORD EXTEN-
SION FOR CORDS WITH
PL-54 PLUG AS USED
ON HEADSETS, 65" LG
WITH JK-26 JACK &
PL-55 PLUG.
USED \$1.00**

**CD-318 EXTENSION
CORD WITH PL-291
2 CONTACT FEMALE
PLUG TO FIT T-45 &
T-30 MICS. SW-141
SWITCH & PL-68 MIC
PLUG ON 7 FT. CORD
USED \$1.00**

**CD-604 CORD WITH
IMPEDANCE MATCHING
TRANSFORMER 500OHM
TO 4000, USED WITH
HS-30 HEADSET, 6"
CORD & PL-54 PLUG.
NEW 50¢ USED 25¢**

PL-68 MIC PLUG
30" CORD 75¢

**CD-605 CORD SAME
AS CD-604 ONLY 30"
LG. WITH PL-55 PLG
USED \$1.00**

**JK-33 JACK TO FIT
PL-68 MIC. PLUG.**
USED 6 FOR 50¢

PL-55 PHONE PLUG
30" CORD 75¢

**JK-34 PHONE JACK
TO FIT PL-55 PLUG
USED 6 FOR 50¢**

PL-55 PHONE PLUG
30" CORD 75¢

**COILED
CORD SET**
COILED CORD SETS
THREE CONDUCTOR
24" TO 72" 75¢
12" TO 36" 50¢
FOUR CONDUCTOR
12" TO 36" \$1.00

**MC-385
HIGH TO LOW
ADAPTER**
IMPEDANCE
FOR HEADSET
4000-6000OHM
USED \$.50
NEW \$.75

**HEADSET
EARPHONE
CUSHIONS**
SPONGE
RUBBER FOR
2 1/2" ELEMENTS.
#48514 \$1.00 PAIR

**SOUND
POWERED
HEADPHONE**
IN PLASTIC
CASE, NO
CORD.
#R5017 USED \$1.50

**R-15 PHONE ELE-
MENT 6000 OHM
W/RUBBER CUSH-
ION F/2" HEAD-
BAND MTG.**
\$1.25

**PHONE ELEMENT
F/TS-9K HEADSET
250 OHM, 2 1/2" DIA
W/ CLIPS.
K.S #838
\$1.00**

**PHONE ELEMENT
CANADIAN
100 OHM
1 1/2" DIA. FOR
2" HEADBAND.
#C-3 10A/36988
\$.75**

**PHONE ELEMENT
CANADIAN
LIGHTWEIGHT
HANDSET
NO CORD
PHONE 300 O
MIC. 50 OHM
#ITE NO1
MK-11
YA-7225
\$3.95**

**PHONE ELEMENT
CANADIAN MICRO-
PHONE W/ SWITCH
& CORD FOR ABOVE
PHONE, MAGNETIC
300 OHM, #10A/12
57L \$1.25**

**STANDARD TYPE
TELEPHONE HANDSET
& BELL RINGERS**
CAN BE USED AND
ANY COMMERCIAL
TELEPHONE LINE OR
OR SYSTEMS ON THIS
EX-CONDITION PAGE. PRICE: \$6.95
EX-CONDITION PAGE. PRICE: \$4.95

**DIAL
ONLY
\$1.25
EXCEL
COND.**
\$1.50
EXCEL
COND

**STANDARD
TELEPHONE
HANDSET & CORD**
\$1.25

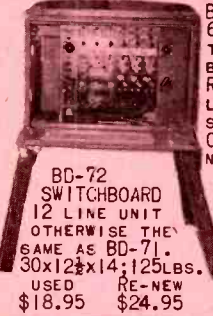
**HANDSET HOLDER FOR
HORIZONTAL
MOUNTING, SIZE
1 1/2x3 1/2 #6988
\$.50**

**TELEPHONE BELL FOR MAG-
NETO GENERATORS
1 1/2x3
MC-131
\$1.25**

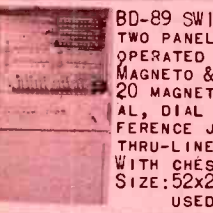
TELEPHONE EQUIPMENT



EE-8 FIELD TELEPHONE, PORTABLE HAND RINGING TYPE. CAN BE USED WITH ANY MAGNETO TYPE SYSTEM SWITCHBOARD AS BD-71, 72, 89, 91, 96 ETC. OPERATES FROM 2 FLASHLIGHT BATTERY UP 17 MILES, TWO OR MORE PHONES CAN BE OPERATED ON TWO WIRE LINE. WITH CARRING CASE, STRAP & HANDSET.
 SIZE: 8x10x3 1/2; WT: 18 LBS.
 USED CHECKED LESS BATT. \$12.95



BD-71 SWITCHBOARD, PORTABLE 6 LINE HAND RINGING MAGNETO TYPE USING FLASHLIGHT BATTERIES FOR OPERATION. REPEATING COILS ON TWO LINES FOR SIMPLEXING, DROP SIGNAL AND NIGHT CALL BELL. CAN BE USED WITH ANY MAGNETO TYPE TELEPHONES SUCH AS EE-8, RM-29, BD-72, 89, 91, 96 ETC. IDEAL FOR FACTORY, CAMP, FARM, MOTEL.. WITH CHESTSET MICROPHONE & HEADSET. LESS BATTERIES.
 SIZE: 18x12x14; WT: 75 LBS.
 USED RE-NEW \$24.95
 USED \$9.95 RE-NEW \$14.95



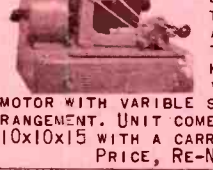
BD-89 SWITCHBOARD, SINGLE POSITION, TWO PANEL NON-MULTIPLE, MANUALLY OPERATED TELEPHONE SWITCHBOARD. MAGNETO & COMMON BATTERY LINES. 20 MAGNETO, 40 CB, 4 TWO WAY MANUAL, DIAL DROP END TRUNK CKT., 5 CONFERENCE JACKS, 3 OUTGOING CKT., 2 THRU-LINE & 13 UNIVERSAL CORD CKT. WITH CHEST MICROPHONE & HEADSET.
 SIZE: 52x22x31; WT: 300 LBS.
 USED \$59.50



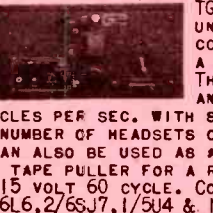
BD-91 SWITCHBOARD, SINGLE POSITION MANUALLY OPERATED FOR SERVING MAGNETO LINES, TWO-WAY TRUNKS AND TIE LINES. RING-DOWN TRUNKS ARE PROVIDED FOR CONNECTION TO MANUAL COMMON BATT. OR DIAL SYSTEMS. DROP SIGNAL FOR INCOMING & RECALL. 20 MAGNETO, 4 UNIVERSAL, 8 CORD, 1 DIAL, 4 CONF. JACKS & 1 OPERATOR. USES DRY CELLS FOR OPERATION.
 SIZE 16x16x42 SET-UP; WT: 200 LBS. \$29.50



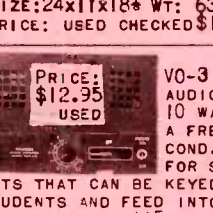
BD-95 SWITCHBOARD: CORDLESS LOCAL BATTERY UNIT EQUIPPED WITH LINE LAMP SUPERVISION AND DESIGNED FOR SWITCHING LOCAL BATTERY LINES MAGNETO TYPE, MAY BE MODIFIED FOR COMMON BATTERY LINES ALSO CAN BE USED WITH OTHER TRUNK, TIE LINE LOCAL BATTERY SWITCHBOARDS.
 RE-NEW \$24.95
 SIZE: 22x14x14; WT: 250 LBS.



MX-333/GG TAPE PULLER USED WITH CODE PRACTICE TO REEL 3/8" PAPER TAPE AS THE TAPE IS PASSED THROUGH THE RECORDER; HAS CONSTANT SPEED 110 VOLT 60 CYCLE INDUCTION MOTOR WITH VARIABLE SPEED FRICTION DRIVE ARRANGEMENT. UNIT COMES IN A WOOD CARRING BOX 10x10x15 WITH A CARRING HANDLE. WT: 27 LBS.
 PRICE, RE-NEW \$12.95



TG-10 KEYS IS A AUTOMATIC UNIT FOR PROVIDING AUDIBLE CODE PRACTICE SIGNALS FROM A INKED TAPE RECORDING. THE OUTPUT OF THE KEYS IS AN AUDIO FREQ. NOTE OF 800 CYCLES PER SEC. WITH SUFFICIENT POWER TO SUPPLY A NUMBER OF HEADSETS OR PRACTICE TABLES DIRECT. CAN ALSO BE USED AS A TELEGRAPH KEY AMPLIFIER OR TAPE PULLER FOR A RECORDER. OPERATES FROM 115 VOLT 60 CYCLE. COMPLETE WITH TUBES; 2/6N7, 2/6L6, 2/6SJ7, 1/5U4 & 1/923.
 SIZE: 24x11x18; WT: 63 LBS.
 PRICE: USED CHECKED \$19.95 NOT CHECKED \$14.95



VO-3 OSCILLATOR IS AN ELECT-AUDIO TONE GENERATOR WITH A 10 WATTS OF POWER OUTPUT AT A FREQ. OF 800 CYCLES PER SEC. THIS POWER IS ADEQUATE FOR SUPPLYING TONE TO 200 HEADSETS THAT CAN BE KEYS BY THE INSTRUCTOR OR STUDENTS AND FEED INTO A SPEAKER OR RECORDER. OPERATES FROM 115 VOLT 60 CYCLE, COMPLETE WITH TUBES 1/6SN7, 1/5U4 & 2/6V6GT, OUTPUT 4, 8, 12 & 16 OHMS. SIZE: 12x10x7 1/2; WT: 24 LBS.
 PRICE: USED \$12.95
 USED

F-56 FAIRCHILD AIRCRAFT CAMERA



DESIGNED AS A RECORD-TYPE, QUICKWIND, AUTOMATIC CAMERA WHICH IS EQUALLY ADAPTABLE TO OBLIQUE SPOTTING & VERTICAL MAPPING. IT CAN BE OPERATED MANUALLY OR ELECTRICALLY 24 VOLT DC. FOCAL LENGTH 20", SHUTTER SPEEDS 1/35, 1/50, 1/100 & 1/150 DIAPHRAGM STOP 5.6, 8, 11, 16, & 22. THE MAGAZINE USES UP TO 125 FT OF FILM 7" WIDE AND WILL GIVE APPROX. 200 NEGATIVES, 6-5/8"x7". DETACHABLE FILTERS ARE PROVIDED ALSO SPARE REELS, INTERVALOMETER FOR AUTOMATIC OPERATION & CABLES FOR ELECTRIC OPERATION.
 CONSISTS OF UNUSED CAMERA, REELS, TRUNK, CABLES INTERVALOMETER AND MANUAL. THIS AT ALL \$75.00



HYDROPHONE

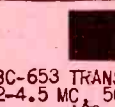
MAGNETOSTRICTION TYPE UNIT 20 KC RESONANT FREQUENCY. THIS IS A STANDARD SECTION OF A ASSY. AS USED IN AN/SQS-10 EQUIPMENT.
 (HYDROPHONE IS A TYPE MICROPHONE DESIGNED TO BE ACTUATED BY WATER BORNE SOUND WAVES AND MAGNETOSTRICTION IS THE CHANGE IN THE DIMENSIONS OF A FERROMAGNETIC OBJECT WHEN PLACED IN A MAGNETIC FIELD.
 SIZE: 3x5x1 1/2; WT: 3 LBS.
 STK#875446 Y-901 PRICE: NEW \$4.95



CN-359/GPA-23 REGULATOR VOLTAGE. 120/208 VOLTS 60 CYCLE, 3 PHASE, 27 KVA. MOTOR DRIVEN POWERSTAT ELECTRONICALLY CONTROLLED. THREE SEPARATE SYSTEMS THAT WILL GIVE CONTROL, 3 PHASE IN, 3 PHASE OUT OR 3 PHASE IN, SINGLE PHASE OUT OR CAN BE DISMANTLED AND HAVE THREE SEPARATE SINGLE PHASE IN AND SINGLE PHASE OUT. CONSISTS OF 3 MOTORIZED POWERSTAT TRANSFORMERS 3 LOW VOLTAGE TRANS. 3 ELECTRONIC CONTROL CHASSIS, SWITCHES, FUSES, METER ETC. USED CHECKED
 SIZE: 27x31x26; WT. SHPG. 420 LB. \$175.00



VOLTAGE REGULATOR
 120 VOLTS 60 CYCLE SINGLE PHASE 9 KVA. ONE SECTION REMOVED FROM THE ABOVE 3 PHASE UNIT. METER, SWITCHES, FUSES ETC. WILL HAVE TO BE ADDED, DIAGRAMS FURNISHED. ELECTRONIC VOLTAGE REGULATION, JUST SET THE VOLTAGE UNDER LOAD AND IT WILL REMAIN CONSTANT. CONSISTS OF MOTORIZED POWERSTAT TRANSFORMER, LOW VOLTAGE TRANSFORMER & ELECTRONIC REGULATOR CHASSI SHPG. WT: 125 LBS. PRICE, AS DESCRIBED \$49.95



BC-653 TRANS.

BC-653 TRANSMITTER
 2-4.5 MC. 50 WATT VOICE, 100 WATT CW. RANGE 25 TO 50 MILES DEPENDING ON CONDITIONS.
 MASTER OSCILLATOR CONTROL, FOUR PRESET CHANNEL SEVEN TUBES; 2/814, 807, 2/1613, 2/VR-105. TWO 2 1/2" METERS FOR READING FILAMENT AND PLATE VOLTAGES, AND CURRENT, AND OUTPUT METER. VOLTAGES REQUIRED: 12 vdc, 1000 vdc 220ma, 500 vdc 185ma. SIZE: 26x14x12; WT. 140 LBS. \$29.95
 CN-42 DYNAMOTOR 12v Used \$4.95
 FT-253 MOUNTING BASE TO HOLD RECEIVER AND TRANSMITTER. Used \$3.95
 34x12x3 . WT. 30 LBS. UNUSED 5.95



RD-142/UPN SOUND RECORDER-REPRODUCER IS A 24 HOUR 2 CHANNEL MAGNETIC TAPE RECORDER AND PLAYBACK UNIT DESIGNED FOR CONTINUOUS RECORDING. MAY BE USED TO RECORD ON ONE OR TWO CHANNELS OR BOTH CHANNELS AT THE SAME TIME ON 7 INCH REEL 2 INCH TAPE. PLAYBACK OF EITHER OR BOTH CHANNELS THROUGH THE SELF CONTAINED LOUD SPEAKER OR THRU PLUG IN HEADSET, OPERATES FROM 115 VOLT 60 CYCLE. WITH TUBES. CONDITION USED, NOT CHECKED FOR OPERATION, UNITS MAY NEED TO BE ADJUSTED AND HEADS DE-MAGNETIZED.
 SIZE: 19 1/2" RACK MTG. 10 1/2" x 15; WT: 100 LBS.
 PRICE: USED \$49.50

RADIOSONDE



AN/AMT-2 RADIOSONDE, 403 MC FM. A SINGLE PACKAGE INSTRUMENT WHICH CARRIED BY A FREE BALLOON, IS USED TO TRANSMIT METEOROLOGICAL INFORMATION TO A GROUND STATION. THE FREQUENCY MODULATION IS CONTROLLED BY A SENSOR MECHANISM CONTAINING ELEMENTS CONTROLLED BY PRESSURE, TEMPERATURE AND HUMIDITY TOGETHER WITH A COMMUTATOR ARRANGEMENT WHICH SET UP A SEQUENCE OF SIGNALS. USES 2 TUBES AND REQUIRES 1.5, 6 & 115 VDC FOR OPERATION. W/TUBES, LESS BATT. SIZE: 4x6x6 1/2. WT: 1 1/2 LBS. BATTERIES PRICE: NEW \$2.95 EACH, 2 FOR \$5.00



BC-1253 RADIOSONDE TRANSMITTER OPERATES AT 397 MC; SENDING A CONSTANT SIGNAL TO BE RECEIVED BY RADIO DIRECTION FINDER, WHILE BEING CARRIED IN THE ATMOSPHERE BY A FREE BALLOON. COMPLETE WITH ONE 955 ACORN TUBE. REQUIRES 1.5, 6 & 115 VOL BATTERIES. SIZE: 3x5x6 1/2; WT: 8 OZ.
 PRICE: NEW \$3.59 2 FOR \$1.00



TUNER ASSEMBLY FOR 2 TO 6 MC. PART OF BC-728 RECEIVER, WHICH CONSISTS OF FOUR CHANNEL PUSH button assy. with RF, ANT. & OSC. coils all slug tuned. Also cond. resistors etc. Size 4 x 4 x 3 1/2 lb. Stock #204728/T4. Price \$1.00



DRONE RECEIVER
 FREQUENCY RANGE OF 57 TO 76 MC. WITH CHOICE OF FIVE DIFFERENT TONE CIRCUITS THAT OPERATE FIVE SERVO CIRCUITS WHICH ARE CONTROLLED BY SEALED MICRO-RELAYS IN INDIVIDUAL LC CIRCUITS. TONE FREQ. 300, 650, 955, 1390 & 1250. COMPLETE WITH TUBES 1/12AU7, 2/6AK6, 1/0A2, 28VDC VIBRATOR SUPPLY. PHOTO SHOWS SEALED COVER REMOVED. SIZE: 5x8x8. WT: 6 LBS.
 PRICE: UNUSED \$9.95
 CONNECTOR PLUGS TO FIT UNIT, 4 REQ. EA. \$1.50



ANGULAR RATE CONTROL PART OF AUTOMATIC PILOT B-1. CONSISTS OF 3 SEPARATE PLUG IN GYROS NAMELY ROLL PITCH & YAW, SIZE 4x4x5. ALSO CONTAINS RECTIFIERS, TRANSFORMERS, CONDENSERS, RESISTORS, CONTROLS ETC. STK#1J0405-G5.
 SIZE: 10x11x7 1/2; WT: 25 LBS
 PRICE: USED \$12.95



MAGNETIC AMPLIFIER
 TRANSMITTER SUB-ASSY. FILAMENT CHASSIS, PART OF AN/ALT-8 COUNTERMEASURES SET. CONSISTS OF CK927 FULL WAVE RECTIFIED CK843 SILICON RECT., TWO CK846 SILICON RECT., MAGNETIC AMPLIFIER TRANS. FIL. TRANS. 115/400CYC. SEC. 6.3/6A. MINIATUR POTS. AND DPST RELAY ALL MOUNTED ON CHASSIS 7 1/2x3x3 1/2; WT: 3LBS. PART#2527-501-G1
 PRICE: NEW \$1.95



SOUND RECORDER, ELECTRIC-MAGNETIC TYPE USING STANDARD DICTAPHONE WAX CYLINDER AMPLIFIER OUTPUT APPROX. 2 WATTS, RECORDING SPEED 96 TO 100 RPM DOUBLE MAN CREL, CONTINUOUS RECORDING, AUTOMATIC CHANCE-OVER, REPLACEABLE STYLUS. OPERATES FROM 115 VOLT 60 CYCLE. FLOOR CABINET 15x15x32. LESS MICROPHONE, HEADSET, RECORDING CYLINDERS & CABLES. SHIPPING WT: 100 LBS. DICTAPHONE #142
 \$9.95



GUN SIGHT
 K-14 GUN SIGHT, SIGHTING HEAD. ILLUMINATED UNIT WITH TWO 2" X 1/2" POWER LENSES, 1/2" REFLECTING MIRROR, WORM GEAR ADJUSTING LIGHT SHUTTER, TWO AUTOSYN MOTORS CONNECTED BY A SPRING BELT AND TWO MIRRORS MOUNTED ON SHAFTS.
 SIZE: 9x5x5 1/2; WT: 10 LBS.
 PRICE: USED \$2.95

INVERTERS



INPUT: 27.5 VDC 150 AMP.
OUTPUT: 115 VAC 2500 VA
400 CYC 1 PHASE
SIZE: 15 x 11 1/2 x 8 WT 58 LBS.
JACK & HEINTZ F-46-2
USED \$39.50

JACK & HEINTZ F-45-3
INPUT: 27.5 VDC 150 AMP.
OUTPUT: 115/200 V. 400 CYC
1/3 PHASE, 2250/2500 VA
SIZE: 19x11x8; WT: 75 LBS.
PRICE: USED \$49.50



MG-149F INVERTER

INPUT: 24 VDC 36 AMPS.
750 VA
OUTPUT: 115 V 400 CYCLE
1 PHASE 500 VA
26 V 400 CYCLE
1 PHASE 250 VA
SIZE: 12 x 7 1/2 x 8, WT: 21 LB.
PRICE: USED \$24.95

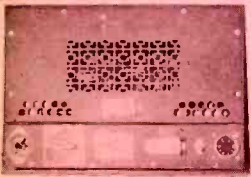
CONNECTOR PLUG TO FIT \$1.50



RA-87 AC RECTIFIER

Selenium type rectifier use with teletype printers operates from 115/230 volts 50-60 cycle output 115 volts DC .400 amps & 110 volt 50 - 60 cycle. Size 1 1/2 x 7 1/2 x 8 WT. 43 lbs.

NEW \$8.95



RA-62 AC POWER SUPPLY

Power Supply used with SCR-522 Transmitter-Receiver supplies all the necessary voltages.
INPUT: 115/230 60 cycle
OUTPUT: 300 VDC 230 MA.
-150 VDC 8 MA.
13 VDC 3.9 AMPS.
Completely fused & filtered.
Size 16 x 11 1/2 x 11 WT. 75 lbs.
PRICE: USED CHECKED \$59.50



G-24 AC & DC GENERATOR

OUTPUT
115 VAC 800 CYCLE 10.5 A.
28 VDC 60 AMP @ 2400 RPM.
SPLINE SHAFT SIZE 7/8x1 1/2
SIZE: 6 1/2 x 7 1/2 x 13; WT: 45 LBS.
RE-COND. \$19.95



D.C AIRCRAFT MOTOR
GE# 58A50LJ29- HP .4
RPM 3000 ARM.V 60 FLD.V 27
AMPS. FLD. 2.3, ARM. 6.5
DUTY 10 MIN. INT. AT FULL
RATING.
SHAFT, CORK SCREW 5/8" DIA.
FLANGE MTG. 3/8" IN CNTS.
SIZE 6 1/2" LESS SHAFT 4 1/2 x 4 1/2
WT: 11 LBS. UNUSED \$4.95



AIRCRAFT MOTOR
MAXSON MODEL 118 H.P. 1
RPM 5800; 24 VOLTS DC
55 AMPS., SPLIT FIELD,
REVERSIBLE SHUNT, DOUBLE
END SHAFTS WITH GEAR 1 1/2"
1/3-8" FLANGE MTG. 3/4" CT.
SIZE: 6 1/2 x 4 1/2 x 4 1/2; WT: 15 LBS.
UNUSED \$4.95

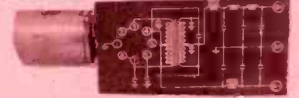
ELECT. ENG. MFG.
TYPE C-368, 26VDC
35 AMPS. 600 WAT
1/2 HP, APP. 3000
RPM. VERT. KEYED
SHAFT 1/2" DIA. 3/16 SLOT.
FL. MTG. 3/8" CT. 7" LG. \$4.95

INVERTER
INPUT
27.5VDC 60A
OUTPUT
115 V 400 CY
750 W 3 PHASE
26 V 400 CY
50 W 1 PHASE
SIZE 11x10x6; WT: 40 LBS.
LELAND#10285 USED \$34.95

INVERTER
INPUT
27 1/2 VDC 22A
OUTPUT
115V 400 CY
3 PH 250 VA
SIZE 9x6x4; WT: 15 LBS.
ECLIPSE#E-1617-1 USED \$14.95



VIBRATOR POWER SUPPLY
Two 6 VOLT SUPPLIES ON A
COMMON CHASSIS USING OZ4
RECTIFIER TUBES, OUTPUT 540
VDC @ 150 MA. CAN BE TAPPED
AT 270 VDC 150 MA.
SIZE: 9x6x5; WT: 10 LBS.
STK#3H6694-5 UNUSED \$9.95



MINI VIBRATOR SUPPLY
PP-855/PRC-14, AIRPAX No.
A-1063, VIBRATOR TYPE WITH
FILTER NETWORK, INPUT 6VDC
5.35 AMPS. OUTPUT 135 VDC
155 MA. VIBRATOR MOUNTS
OF UNIT. 7 1/2 x 2 1/2 x 2 1/2; WT: 3 LB;
NEW \$4.95

PP-18/AR VIBRATOR
TYPE CONVERTER
INPUT 12VDC 4 AMP
OUTPUT 28 VDC 1.5
AMPS, FILTERED.
USES A NITROGEN
SEALED VIBRATOR. USED TO OP-
ERATE 28 VOLT EQUIPMENT FOR
12 VOLTS. TWO OR MORE CAN
BE WIRED IN PARALLEL TO OB-
TAIN A HIGHER CURRENT OUT-
PUT. WITH PLUGS, MTG & SPARI
VIBRATOR. 6 1/2 x 5 1/2 x 8 1/2; WT: 9 LBS.
NEW \$7.95 USED \$4.95

SEATED VIBRATOR. USED TO OP-
ERATE 28 VOLT EQUIPMENT FOR
12 VOLTS. TWO OR MORE CAN
BE WIRED IN PARALLEL TO OB-
TAIN A HIGHER CURRENT OUT-
PUT. WITH PLUGS, MTG & SPARI
VIBRATOR. 6 1/2 x 5 1/2 x 8 1/2; WT: 9 LBS.
NEW \$7.95 USED \$4.95

FT-498 SHOCK
MOUNTING WITH
FOUR 10 LB.
RUBBER MOUNTS ON A ALUMINUM
PLATE 13x8x1 1/2; WT: 2 LBS.
PRICE: \$1.00

VOLTAGE REGULATOR
INPUT 21-30 V.D.C
5 AMPS. REGULATION
18-30 VDC #45H281
SIZE: 4x3; 3LBS.
\$1.50

PI GENERATOR

OUTPUT: 28 VDC 200 AMPS.
2500 TO 6000 RPM.
SPLINED SHAFT 7/8 x 1 1/2;
SIZE 6x8x1 1/2; WT: 48 LBS.
PRICE: USED \$19.95

12 VOLT GENERATOR
50 AMPS. 38 LBS
SIZE 9x6x6
SHAFT 3/4x2
KEYED & NUT
DELCO#110646
PRICE: NEW \$9.95

PE-115 PHILCO
INVERTER 28VDC
36 AMP. INPUT.
OUTPUT 90 VOL.
800 CYCLE 7.2
AMP. (NO VOLT
AGE REGULATOR
11x10x7; 40LBS
USED \$12.95

GENERATOR GAEN-21129C

OUTPUT: 12.5 VDC 4 AMPS.
240 VDC 100 MA.
INPUT DRIVE: 3/16 HP.
3450 RPM.
SHAFT SIZE: 3/8 x 1 1/2
MOTOR SIZE: 5 x 6 x 9 WT. 25 lbs.
Used: \$4.95 New \$6.95

DYNAMOTOR
DY-85 VRC-2X
INPUT: 24 VDC 8 AMP.
OUTPUT: 600 VDC 175 MA.
SIZE: 7x4x4 1/2; WT: 10 LBS.
PRICE: NEW \$3.95

INVERTERS

EICOR #1-3112-1
INPUT: 26 VDC 6 AMP.
OUTPUT: 26 VAC 400 CYC.
VOLT/AMP: 40 1 PHASE
DUTY: CONT. 1.0 P.F.
SIZE: 7 1/2 x 3 1/2; WT: 8 LBS.
PRICE: NEW \$8.95

PU-16 INVERTER

INPUT: 28 VDC 60 AMPS.
OUTPUT: 115 VAC 6.5 AMPS.
400 CYCLE 1 PHASE
Used: \$18.95
Size: 7 x 15 x 9 Wt. 38 lbs.

5D21NJ3A INVERTER

INPUT: 27 VDC 35 AMPS.
OUTPUT: 115 VAC 2.17 AMPS.
400 CYCLE 1 Phase.
Used: \$14.95 Unused \$24.95
Size: 9 x 6 1/2 x 5 1/2 WT. 20 lbs.

INVERTER

800-1-A

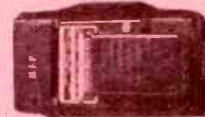
WT. 35 lbs.
Size 4 1/2 x 8 x 12
INPUT: 24 VDC 75 AMPS.
OUTPUT: 115 VAC 800 CYCLE
1 Phase 10.5 AMPS.
USED \$12.95



PE-277 POWER SUPPLY
VIBRATOR TYPE

INPUT: 6 VDC 27 AMPS.
12 VDC 13.2 "
24 VDC 7 "
OUTPUT: 525 VDC 90 MA.
105 VDC 42 MA.
6.5 VDC 2 AMPS.
6 VDC 500 MA.
1.3 VDC 450 MA.
130 VDC 17 MA.

With tubes & vibrator.
Size 10 x 10 x 17 Wt. 70 lbs.
USED \$14.95 RE-NEW \$19.95



CARTER GENEMOTOR
MOTOROLA#259K1003
INPUT: 26.1 VDC 7 AMPS
OUTPUT: 405 VDC 270 MA.
SIZE: 7x4x5; WT: 12 LBS.
USED \$2.95 NEW \$3.95



PE-120 Power Supply

INPUT: 6 VDC 4.5 AMP.
12 VDC 2.5 AMF.
24 VDC 1.5 AMP.
OUTPUT: 145 VDC 75 MA.
90 VDC 40 MA.
1.5 VDC .75 AMP.

Vibrator type voltage reg-
ulated complete with tubes
OB-3/VR-105,1005 & Ballast.
Also vibrator for 12 VDC.
Size 4 1/2 x 13 1/2 x 15 1/2 WT. 29 lbs
RE-NEW \$7.95



VRC-2 DYNAMOTOR

INPUT: 5.5 VDC 31 AMPS
OUTPUT: 600 VDC 175 MA
SIZE 7 x 4 1/2 x 4 1/2 WT: 8 LBS
STK.# 3H1514-5
PRICE RE-NEW \$7.95

PE-49
GASOLINE
ENGINE
GENERATOR



Size: 5 x 8 x 12 Wt. 35 lbs.

PE-98 DYNAMOTOR

INPUT: 14 VDC 21 AMPS.
OUTPUT: 300 VDC 260 MA.
150 VDC 10 MA.
USED \$5.95 UNUSED \$9.95

PE-94 DYNAMOTOR

INPUT: 28 VDC 10.5 AMPS.
OUTPUT: 300 VDC 260 MA.
150 VDC 10 MA.
14.5 VDC 5 AMPS.
Used \$4.95



TCS POWER SUPPLY
COLLINS 21881

INPUT: 12 VDC 14.5 AMP.
OUTPUT: 400 VDC 200 MA.
225 VDC 100 MA.
Size: 7 1/2 x 7 x 13 WT. 28 lbs.
RE-COND. \$12.95



DY-17 DYNAMOTOR

INPUT: 27 VDC 32 AMPS
OUTPUT: 400 VDC 750 MA.
750 VDC 350 MA.
Used \$12.95



PP-868/U VIBRATOR
POWER SUPPLY

INPUT: 12 DC 2.0 AMP.
OUTPUT: 6.3 AC 1.0 AMP.
6.3 " .45 "
1.4 DC 1.25 "
155 DC 15 MA.
150 DC 5 "
140 DC 50 "
40 DC .5 "
Size: 5x6 1/2 x 7; WT: 12 LBS.
PRICE: USED \$9.95



DY-9B/ARC DYNAMOTOR

INPUT VOLTS AMPS. OUTPUT VOLTS AMPS.
26 4.3 360 CONT. 1.35
26 7.8 310 INT. .355
SIZE: 9x5x3 1/2; WT: 10 LBS.
RE-MOVED F/EQUIP. \$9.95

GENERATOR OUTPUT 1000 VDC
350 MA & 14.6 VDC 25 AMPS.
ENGINE: 1 CYCL. 4 CYCLE
APPROX. 3 HP.
SIZE: 36x20x25; WT: 275 LBS.
PRICE: \$75.00

AC-DC Motors

Hi-Speed

Gear Reductions

Blowers



DELCO PM MOTOR 250 RPM #5067127
27 VDC WITH GEAR ATTACHED TO 1/2" SHAFT
REMOVABLE MOUNTING, 8 OZ. INCH TORQUE
REMOVED FROM NEW EQUIPMENT.
PRICE \$4.95

GE SAME AS ABOVE NOT PM #5BA10AJ8D \$3.95



6 VOLT DC MOTOR, REVERSIBLE 1/20 H.P.
SHAFT 1/2 X 3/4, FRONT END MOUNTING STUDS,
MOTOR SIZE 3 1/2 X 3; WT: 4 LBS. APP 3000 RPM
G16VDC-R PRICE: \$1.25

ART-13 MOTOR 28
VOLT D.C. 3900
RPM, 1/20 H.P.
REVERSIBLE, BALL
BEARING. (WILL
OPERATE 12 VOLT
SIZE 3x3x3; 2LB. #B-101/803/
800. PRICE: \$1.95



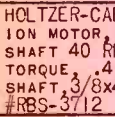
ELECTRIC WINDING TIMER MOTOR 6 VOLT D.C.
WILL MAKE ONE REVOLUTION PER HOUR THEN
AUTOMATICALLY REWIND. SHAT SIZE 5/8 X 3/16
THREADED ALSO HAS A DISC WITH ARM MOUNTED
TO IT. HOUSED IN METAL BOX 3 1/2 X 3 1/2 X 3; 1 LB
BORG#D257764 PRICE \$1.50



Windshield Wiper Motor 24VDC. Very power-
ful. May be used wherever an oscillation
motion is desired such as stirring or
agitation. Size 2 X 3 1/2 X 3 5/8. Shaft ex-
tends out 1 1/2" from the Motor. Wt. 1 lb.
10 oz. Stock No. 10D24. Price.....\$2.95



OSTER 10 CFM BLOWER
John Oster motor C2EP-1A
27.5 VDC 1/100 HP 6000
RPM with blower 10CFM.
Size 3 1/2 x 3 1/2 x 4 1/2 Wt 1 1/2



**HOLTZER-CABOT DUAL SPEED GEAR REDUC-
TION MOTOR, 115 V. 60 CYCLE, 1 PHASE, ONE
SHAFT 40 RPM, OTHER 165 RPM 24 OZ. IN
TORQUE, .4 AMP. MOTOR SIZE 4 1/2 X 4 1/2 X 5 1/2,
SHAFT, 3/8 X 4-40RPM, 1/8 X 3/8-16SRPM.
#RBS-3712 \$9.95**



Delco 5069370 27 VDC Reversible PM
Motor and Gear assm. in an Aluminum
case. Output speed is 80 RPM through a
friction clutch to a double shaft 1/2 X
3/4 on one side, 1/2 X 1/2 on the other.
Size complete assm. 3 5/8 X 2 X 4 1/2 ex-
cluding shaft. Has built in noise
filter system. Wt. 1 lb. 5 oz.
Price..... \$ 4.95



400 CYCLE BLOWER
Eastern Air Devices
10 CFM Blower 115 Volt
400 cycle, 1/100 HP
motor. Size 3 1/2 x 3 1/2 x 4 1/2
Wt. 1 lbs.
PRICE: \$2.95



RATCHET MOTOR, 24 VOLT DC 60 RPM CONTINUOUS
ALSO 3 POSITION STOP. BAND SWITCH ASSEMBLY
AS USED IN R-5/ARN-7 COMPASS RECEIVER.
UNIT WILL ALSO OPERATE ON 18 TO 24 VDC.
SIZE: 3x4x1 1/2; WT: 1 1/2 LBS. STK# 609-ARN-7
PRICE: \$1.25



Same Motor as used in above
assm. Size 1 1/8 X 1 1/2 X 2 1/4.
Wt. 4 Oz. Price..... \$2.95



PINCOB BLOWER
Cast Aluminum hous-
ing shunt type motor
24 VDC 5000 RPM, 10
CFM blower. Motor
noise filtered. WT 1lb
10 oz. Size 3 1/2 x 4 1/2.
PRICE: \$2.95



WESTINGHOUSE BUSINESS MACHINE MOTOR 25 MHP
115 VOLTS 50/60 CYCLE .5/.4 AMPE
TYPE FL 4.0/3.0 MFD. 1425/1725
RPM. SIZE: 4 1/2 X 4 X 4; WT: 5 LBS.
SHAFT 5/16 X 3/8 FLATENED. FOR USE
IN RUBBER SHOCK MOUNTING BRACKE
PRICE: NEW \$2.95



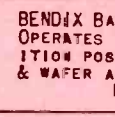
12 VOLT D.C MOTOR
LEECE NEVILLE 12 VOLT D.C MOTOR
5000 R.P.M., 1/20 H.P. SHAFT 1/2 X 1/2
MOTOR 3 1/2 X 3; WT: 5 LBS. BRONZE BEARING
#R&R-12 VDC \$1.95



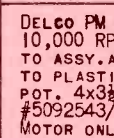
OPEN TYPE BLOWER
Delco motor 5069267 27 VDC
6000 RPM, reversible shunt
type, flange mount. WT 1 lb
size 1-3/4x2-5/8x2 1/2.
Motor-Blower \$1.95 Motor only \$1.50



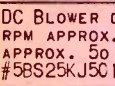
TELETYPE MOTOR AC; 110 VOLT 60 CYCL
1 PHASE, NON-SYNCHRONOUS, 1/25 HP,
1800 RPM, 1.25 AMP. DOUBLE SHAFT
1 1/2 X 3/16 X 5/8 X 3/16; MOTOR SIZE 5 1/2 X
5 X 5; WT: 13 LBS. GE#28478
USED \$4.95



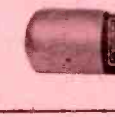
BENDIX BAND CHANGE MOTOR #AC56566-2
OPERATES FROM 28 VDC. THREE POSI-
TION POSITIVE STOP. WITH SWITCHES
& WAFER ASSY. SIZE: 6x3x2 WT: 1LB.
PRICE: \$2.95



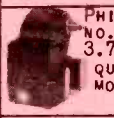
DELCO PM MOTOR 12 VDC
10,000 RPM, GEARED
TO ASSY. APPROX 250
TO PLASTIC WHEEL &
POT. 4x3x2; 1 LB.
#5092543/2 \$4.95
MOTOR ONLY 3.95



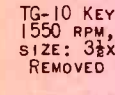
DC BLOWER DUAL OUTLET; @ 24 VDC 3000
RPM APPROX. 100 CFM; @ 12 VDC 1500 RPM
APPROX. 50 CFM. SIZE 10x5x5; WT: 5 LBS.
#5BS25KJ5C1. PRICE USED \$1.95



DELCO 5069790 PM 100 R.P.M.
27 VDC WITH GEAR ATTACHED TC
1/2 INCH SHAFT 3/4 INCH LONG.
MOTOR SIZE 1 1/2 X 4. WT: 8 OZ.
PRICE: \$3.95



PHILCO GEAR REDUCTION
NO. 441-100B, 24 VDC,
3.7 RPM 40 LB. IN. TOR-
QUE, SHAFT 5/16 X 5/8,
MOTOR 4x3 1/2 X 5 1/2; 4 LBS
\$5.95



TG-10 KEYER MOTOR 115 VOLT 60 CYCLE
1550 RPM, SHAFT 1-7/8", GEARED TO 80 RPM.
SIZE: 3 1/2 X 3 1/2 X 4 1/2; WT: 3 LBS. #3H3000-3
REMOVED FROM TG-10 EQUIPMENT
\$2.95



Bendix 1MI0BJ 24VDC 1/25 HP 15,000 RPM
Series Motor. Geneva Loc. Actuator. Shaft
rotates 1/4 revolution and stops and is
locked in place until next contact is
made then the cycle is repeated-time per
cycle app. 3 seconds. Size 4 X 2 1/2 X 5 1/2.
Shaft size 1/2 X 1/2. Wt. 1 lb. 14 oz.
Price..... \$ 4.95



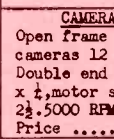
NAVY PM MOTOR
27 VDC
1/150 H.P.
5000 R.P.M.
SHAFT 3/4 X 3/16
MOTOR 1 1/2 X 1 1/2 X 2
WT: 8 OZ. STK# J942-BUO-676213
PRICE: \$1.95



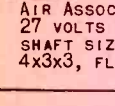
ELECTRO COUNTER & TIMER MOTOR, 115 VOLT
60 CYCLE, 14 RPM, USED TO TUNER,
HIGH POWER TORQUE, INTERMITTENT OPERATION
SIZE: 3x4x3; WT: 2 LBS. #MA201752 \$1.50



General Electric 58A25MJ424 - Type BA
24 V @ 4.2A 7100 RPM 1/20 HP Flange
mount motor size 2 1/2" X 5". Shaft size
1/2 X 1 Wt. 3 1/2 lbs. Price..... \$1.95



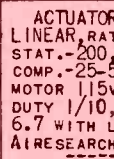
CAMERA MOTOR
Open frame used in aircraft
cameras 12 Volt AC-DC
Double end shaft 1/8
x 1/2, motor size 2 1/2
x 2 1/2, 5000 RPM. # CM-120
Price\$1.95



AIR ASSOCIATES MOTOR EE-763, 1/10 H.P.
27 VOLTS DC, 6 AMPS, 3500 RPM.
SHAFT SIZE 3/16 X 5/8, MOTOR SIZE
4x3x3, FLANGE MTG. 4 LBS. \$2.95



ELECTROLUX MOTOR 28.5 VDC. 1.8 AMPS.
2200 RPM. 1/35 H.P. SHAFT SIZE 1 1/2 X 1/2
MOTOR SIZE: 4 1/2 X 3 1/2; WT: 5 LBS.
PRICE: \$3.95



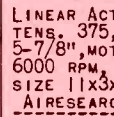
ACTUATOR
LINEAR, RATED LOAD LBS.
STAT.-200, TEN.-25-50
COMP.-25-50, TRAVEL 2 1/2"
MOTOR 115V 400 CYCLE, 6000 RPM.
DUTY 1/10, H.P. .04, TORQ. OZ. 11
6.7 WITH LIMIT SWITCHES. USED
AIRESEARCH#35906-30 \$2.95



PM MOTOR ASSEMBLY & GEAR TRAIN
USED IN R-44 RECEIVER FOR REMOTE
TUNING. CONTAINS DELCO PM MOTOR
#5069370, 10,000 RPM ATTACHED TO
A GEAR ASSY. THAT HAS TWO SHAFTS
80 RPM AND IS GEARED TO TWO
SHAFTS WITH 3" & 1/2" GEARS THAT
THAT TURN AT 40 & 80 RPM. ASSY
SIZE 4 1/2 X 6 X 3; SHAFT SIZE 1/2 X 3/4
WT: 3 1/2 LBS. STK. #3H3100-15
PRICE: \$4.95



Air Associates FF1220W1 - Gear Reduc-
tion. Either end or Base Mount.
27V @ 1.75A-1/75 HP 960 RPM with
Governor control. Size 2 1/2 X 2 3/4
X 5 1/2. Shaft 1/2 X 3/8. Wt. 1 lb.
12 oz. Price..... \$3.95



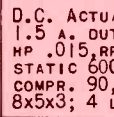
LINEAR ACTUATOR, STAT. 750,
TENS. 375, COMP. 200, ARM. TRAI
5-7/8", MOTOR 115 V, 400 CYCLE
6000 RPM, DUTY 1-10, HP .04
SIZE 11x3x4; WT: 5LB. USED
AIRESEARCH#31914 \$3.95



GENERAL ELECTRIC 58A25DJ300
24 VDC @ 2 AMPS., 4500 RPM, REVER-
SIBLE, GOVERNOR CONTROL MAGNETIC
BRAKE, FLANGE MOUNT, SIZE 2 1/2 X 5 1/2;
WT: 3LBS., SPLINED SHAFT 3/16 X 7/8
PRICE: \$2.95



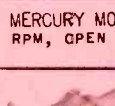
FLYER ELECTRIC MOTOR HEAVY DUTY
115 VOLTS AC-DC 50-60 CYC. 78 AND
33 1/3 R.P.M. 9x5x4 WT. 10 LBS.
PRICE: \$1.50



D.C. ACTUATOR 26 V.
1.5 A. DUTY 3/20 \$2.95
HP .015, RPM 7500
STATIC 600, TEN. 130
COMPR. 90, TRAVEL 1 1/2"
8x5x3; 4 LB. ELA-3-139-2



DELCO P.M. MOTOR #5069466, 27.5 VDC
IN ALUMINUM CASE GEARED TO WORM GEAR
MOTOR SIZE 1 1/2 X 1 1/2 X 2 1/2, 10,000 RPM.
CASE SIZE 2 1/2 X 2 1/2 LESS MTG. SIZE.
WORM GEAR 2000 RPM, WT: 2 LBS.
STK# 3H3100A-1 PRICE: \$2.95



MERCURY MOTOR 8100, 115 VOLT 60 CYCLE, 1750
RPM, OPEN FRAME 3x2x2, SHAFT 1/2 X 1/2, WT: 1 LB.
PRICE: \$1.00



HEAVY DUTY REVERSIBLE TYPE GEAR HEAD MOTOR JOHN OSTER #KU-IL-IR
28 VDC 100 - 200 RPM
8 AMP 2 1/2 LB. FT.
torque. Size 7 1/2 x 10 x 4 1/2. Wt. 12 lbs
Shaft size 7/16 x 3/4. Price \$5.95



John Oster type C 24A-1B - KS-5829-
OT 27 VDC 1/100 HP 7000 RPM DC
Series Motor 2" D X 3" L. Shaft
1/2 X 1 Wt. 1 lb. Price \$.75



John Oster Shunt Motor B-9-1 27 1/2 VDC
@ .7A. 5600 RPM. Aluminum Cased Motor
and Gear assm. Motor is flange mount-
ed to the Gear case. 2 gear reductions
22 and 5 1/2 RPM on 1/2 X 1 1/2 shafts. Size
2 3/4 X 3 X 7". Wt. 1 lb. 14 oz.
Price..... \$1.00

BULL'S EYE INDICATOR LIGHTS
 1" JEWEL REMOVABLE FROM FRONT OF PANEL FOR INSERTING LAMP OVERALL DEPTH. 2" MOUNTS IN 1 1/16 HOLE ON PANELS UP TO 3/4"
 PRICE: \$.35 OR 3/ \$1.00

DULL FINISHED BRASS, RED LENSE DOUBLE CONTACT BAYONET BASE, WITH 12 VOLT LAMP LM-44, 1 INCH HOLE MTG. SIZE 1 1/2 x 3. #276125-22
 PRICE: \$.39 EA. 3 FOR \$1.00

SW-206EP-15
 20 POSITION ROTARY SWITCH WITH SIX DECKS. 2 1/2" DIA.
 PRICE: \$2.95

CERAMIC COIL FORM F/ART-13 ANTENNA LOAD SIZE 2"x5". NO WIRE 50% WITH WIRE \$1.00

RUBBER SHOCK MOUNTS MTG HOLES 2" CENTERS 6 LB. #6 \$.35 14 LB. #14 \$.50 10 LB (ILLUS) #1510 \$.40

CERAMIC COUPLER 2" DIA. 2" SHAFT EA. SIDE STK#SWTU-5 PRICE: \$.50

GIANT 4 CONTACT CERAMIC FOR 872, 211 ETC. 3 1/2" RD. GE#ML7461594-G1 PRICE: USED \$.39

GIANT 4 CONTACT CERAMIC SOCKET FOR 715, 718 ETC. 3 1/2" RE STK#227684-98 PRICE: NEW \$.50

GIANT TUBE SOCKET 7 CONTACT FOR 813 4E27A ETC. 2 1/2" Ø GE#M7466795-1/442 PRICE: \$.75 USED

REGULATOR CURRENT AUTOMOTIVE TYPE OPEN FRAME 50 AMP. SIZE 2 1/2 x 2 1/2 x 1 1/2 LB. CRD.#G1026184433 DELCO#1884042 \$1.00

TERMINAL STRIPS WITH CLIPPED WIRES ANT. TERMINALS -6 -8 -10 -12 -14 1" WIDE EACH .15 .20 .25 .30 .35 1 1/2" WIDE .20 .25 .30 .35 .40

BINDING POSTS 7 ON A BAKE-LITE STRIP, THUMB SCREW TYPE TERMINALS. REMOVED FROM EQUIP PRICE: \$.35 EA. 3 FOR \$1

TELEPHONE SIGNAL DROP SWITCH BOARD UNIT WITH MOMENTARY & HOLD MULTI-CONTACT LEVER SW RING IN DROP RELAY & PHONE JACK. SIZE 1 1/2 x 8 x 3. WT: 1 LB. #EE-2 \$.39 EA. 3/\$1 USED PL-11 PLUG ON 30" CORD \$.35 EA.

SW-118 SWITCH ASSY. SPST, ONE SIDE HOLDING ON - OTHER SIDE MOMENTARY ON, CENTER OFF SWITCH SIZE 1 1/2 x 1, CASE SIZE 2 1/2 x 1. PRICE: \$.35 EA. 3 FOR \$1.00

B-9A SWITCH ASSY SPDT CENTER OFF 5 AMP. 125 VOLTS TWO HOLE MTG. SIZE: EA. SW43/4 x 2 x 1. \$.35 EACH BANK OF FOUR \$1.

Capacitors

MFD	VDC	SIZE	PRICE
2000	15	1 1/2 x 4 1/2 RD	\$.59
1000	50	1 1/2 x 4 1/2 RD	.55
24000	3	4 x 3 RD	1.50
4	400	2 1/2 x 3 1/2 x 1 1/2	.25
5x5	400	3 1/2 x 3 1/2 x 2	.50
10	400	4 x 4 x 1	.75
.5	500	1 1/2 x 1 1/2 x 2	.20
2	600	1 1/2 x 4 1/2 x 1	.25
4	600	3 1/2 x 2 1/2 x 1 1/2	.75
6	600	4 1/2 x 2 1/2 x 1 1/2	.50
7	600	4 x 4 x 2	.85
10	600	3 1/2 x 4 1/2 x 1 1/2	1.10
2 1/2 x 2 1/2 x 5	600	6 1/2 x 4 x 2	.75
1	1000	1 1/2 x 2 1/2 x 1	.50
15	1000	3 1/2 x 4 1/2 x 2 1/2	2.95
1-1-1	1200	3 1/2 x 3 1/2 x 2 1/2	1.00
1	2000	2 x 3 x 1	1.25
.5	2500	3 1/2 x 3 x 1	.75
MFD	VAC	SIZE	PRICE
5	660	3 1/2 x 4 1/2 x 1 1/2	1.95
15	330	3 1/2 x 5 1/2 x 1 1/2	1.75
1	1000	3 1/2 x 4 x 2	.75

POTENTIOMETER 100 WATT. 100,000 OHM IN 20 STEPS 5000 OHM EACH WITH HEAVY DUTY CONTACTS & INSULATED TERMINALS \$1.25 7 SHAFT. DAVEN#1373 SIZE: 5 1/2 x 3 1/2, SHAFT 1-3/8 x 3/8. WT: 1 1/2 LB. STK#227281-3

POTENTIOMETER PRECISION TYPE, WIRE WOUND, 2 SEC 10,000 OHMS EACH 6 W. 3 SOLDER LUGS EA. SEC. SIZE 3x5 1/2. WT: 1 LB. STK#227284-29 \$.75

MFD	VDC	SIZE	PRICE
156K	1000	3 1/2 x 4 1/2 x 2 1/2	\$2.95
106K	600	3 1/2 x 4 1/2 x 1 1/2	1.10
605K	600	4 1/2 x 2 1/2 x 1 1/2	.75
405K	600	3 1/2 x 2 1/2 x 1 1/2	.50

SWITCHES removed from new equip. TOGGLE SWITCHES TYPE MTG VOLTS ST# PRICE S.P.S.T. NUT 3A/125 SW-105 .20 S.P.D.T. " " 8839K1 .35 4.P.S.T. " " 883K2 .55 D.P.S.T. " " 8822K1 .35 D.P.D.T. " " SWP221 .50 S.P.S.T. " " 8817K2 .25 (Momentary) D.P.D.T. " " ST-22R .40 (Momentary one side)

SWITCH HEAVY DUTY TAP SWITCH 5 POSITION FOUR HOLE MOUNTING SIZE: 2 1/2 x 2 1/2 x 1 1/2 STK#329627 \$1.50

ANTENNA CIRCUIT SWITCHING SWITCH 100 WATT Size 4 1/2 x 2-3/4 3/Make 3/Break #329626 \$2.50

Vibrators

VB-16/6, 12 or 24 volt for PE-237 \$3.95
 TYPES LISTED BELOW \$1.95 Each
 VB-1 /6 volt for PE-117 PE-97 & PE-237 (Same as VB-7)
 VS-3 /6 volt for PE-104 (Same as Mall-5500)
 G534/12 volt for PE-110
 VB-8 /2 volt for PE-157
 VB-9 /6 volt for PE-157
 VB-11/24 " for PE-120
 VB-12/6 " for PE-120
 VB-13/12 " for PE-120

Rheostats

STK.#	WATTS	OHMS	PRICE
30993	25	50	\$.50
25250	25	250	\$.50
4582	50	6	.60
41132	50	7.5	.50
353-5049	50	8	.75
15822	50	17	.60
5020	50	20	.75
5895 (DUAL) 50	20	1.50	
489485	50	25	.75
32229	50	60	.75
3836	50	250	.75
15010	150	10	1.95

Breakers

CAT. # VOLTS AMPS. PRICE
 P-0111 125 AC 12 \$1.50
 3H900-1.25 115 AC 1 1/2 A 1.00
 3H900-3-2 115 AC 3 A 1.00
 62349M6 117 AC 1.25 2.50 (3 POLE)
 8751K4 30 DC 10 .50

Relays

ANTENNA Change over RELAY 12 Volt DC 2 Break 2 Make 100 Watt Stock # 206191/L1 Price \$3.95

DYNAMOTOR STARTING Relay 14 volt DC S.P.S.T. 43 AMP. Stock#3H177A/3 Price \$2.50

RATCHET TYPE BAND CHANGE MOTOR AS USED IN SCR-522 FOUR POSITION 12 VDC OPERATION. STK# 3H3112 REMOVED FROM EQUIPMENT. PRICE: \$2.50

SPERTI VACUUM SWITCH AS USED IN ART-13 TRANSMITTER KEYING RELAY DESCRIBED BELOW, SPDT STK#329847-4.5 PRICE \$11.50

Kits \$1.00

DISC CERAMIC CONDENSERS 33 ASST. 1.5MMF-.01MFD. Good Value \$1.00 a KIT

TUBULAR CONDENSER 50 ASST. .00025 to .1 200 to 600 V \$1.00 a KIT

MICA CONDENSERS 25 ASST. 10 MMFD To 6800 MMFD. \$1.00 a KIT

TRIMMER CONDENSERS 25 ASST. 3 to 280MMF WIDE RANGE \$1.00 KIT.

RESISTORS INSULATED 50 ASST. 1/2, 1 & 2 Watt wide range of good values 50 ASSORTED \$1.00

RESISTORS WIREWOUND 25 ASST. 5 to 20 Watt. Wide range of values some tapped. 25 ASST \$1.00

VOLUME CONTROLS 10 ASST. Popular Values \$1.00

TUBE SOCKETS 20 ASST. Octals Locals Minatures Wafers etc \$1.00

PILOT LIGHT SOCKETS 25 ASST Bayonet Screw etc. \$1.00

TERMINAL STRIPS, Tie lug strips, ASST types. 25 for \$1.00

TERMINAL LUGS, Ring spade, crimp types. Wide variety of sizes for all uses in clear plastic box, Approx 200 PCS \$1.00

ROTARY SWITCHES BRAND NEW ORDER NOW 6 for \$1.00

BATHUS CONDENSER KIT 1 MFD. to 1. MFD. up to 600 VOLT 10 for \$1.00
 HARDWARE KIT NUTS, WASHERS SCREWS, RIVET GROMMETS ETC. 1 1/2 LBS. \$1.00

BUZZER FOR SWITCHBOARDS BD-91/BD-96 OPERATES 2-6 VDC 4-9 VAC, NON-POLARIZED; 10.5 OHMS. VIBRATING ADJUSTABLE TYPE. SIZE 2 1/2 x 1 1/2; WT: 4 OZ. PRICE: \$1.

PE-109B INVERTER FILTER, MALLORY NF-1-2/ LELAND B-2037, REF. 120 STK.#3H2575-109B 3 1/2 x 3 x 2 1/2; WT: 2LB New \$1.50

BC-603, BC-683 BC-604 & BC-684 SPARE PARTS CHEST FOR STORING TUBES & PARTS. SAME SIZE & SHAPE AS RECEIVERS 2 COMPARTMENTS. SIZE 7 1/2 x 1 1/2 x 1 1/2 WT \$1.00

METAL BOX WITH REMOVABLE TOP, CUTOUTS FOR AC OUTLETS & SWITCH. SIZE: 6 1/2 x 4 1/2 x 4 1/2 PRICE: \$.50

ALARM BELL OPERATES ON 24 VDC. 4 1/2 x 4 1/2 x 2 1/2 # 561-3 \$1.25

HORSESHOE MAGNETS 5 lb. Lift 2 1/2 x 2 3/8" 1/2 lb. \$.50 25 lb. Lift 2 1/2 x 2 1/2 x 1 1/2 lb. 2.90

HAND TYPE MAGNETO GENERATOR USED FOR RINGING TELEPHONE LINES, OUTPUT ABOUT 100 VOLTS. CAN ALSO BE USED AS SHOCK MACHINE, LIGHT SMALL BUBBLES OR DRIVE WORMS OUT OF YOUR LAWN BY PLACING THE OUTPUT TO METAL STAKES AND DRIVING THEM INTO GND.

GN-38 WITH THREE MAGNETS \$2.95

GN-38B PERMANENT MAGNETS 2" x 1" \$3.95

GN-41B PERMANENT MAGNETS 3" x 1 1/2" \$4.95

GN-38A WITH COIL MAGNET \$2.95


G-25A ROUND TYPE MAGNETO \$2.50

THUMB-IT WHEEL WAFER SWITCH NUMBERED. EACH SWITCH CAN BE MOUNTED SINGLY OR IN BANKS. SIZE EACH SECTION 2 1/2 x 2 1/2. REMOVED FROM EQUIP. PRICE: 11 CONTACT... \$.50 19 CONTACT... \$.75


25 Precision Resistor Ass't WIRE WOUND OR CARBON 1% OR BETTER GOOD VALUES. \$1.00 50 TINY CAPACITORS SELECTED TINY ASST PAPER & CERAMIC X GOOD VALUES. \$1.00
 WIRE ASSORTMENT SIX 25 FT. COILS FULLY INSULATED STANDARD SIZES TINNED COPPER ASST. COLORS \$1.00

MINIMUM ORDER \$3.00


Power Transformer Filament Modulation Microphone Chokes




PRI: 115/230 60 cyc
SEC: 800 CT. 120 MA
6.4 4.5 AMP
5 2
6.3 .6
6.4 4.50 MA
Size 5x5x6 WT. 13 lbs.
Stock # 229621-380
PRICE: \$2.95




PRI: 115/230 V 60 cyc
SEC: 240 VCT 35 MA.
24 V .9 AMP
6.3 " .6 "
6.3 " .3 "
Size 3x3x3 WT. 4 lbs.
Stock # FA-13-317
Price \$1.25




HIGH VOLTAGE
PRI: 115 V. 4 A.
SEC: 115 V. 4 A.
SEC: 6000 V. 80MA.
NO TAP.
SIZE: 7x6x7; 20 LBS
\$7.95



PRI: 115/230 60cyc
SEC: 750-0-0-750
1.66AMP@1.66
SIZE: 13x10x11
WT: 115 LBS.
STK#229607-16
PRICE: \$29.50




MODULATION TRANSFORMER
Watts 20 Response
Response 200-5000-1DB
Pri.Z 6000 SEC.Z 6000
Collins #677-2010-00
Size 2 1/2x2 1/2x3 1/2 WT. 3 1/2 lbs
Stock# 229634.53
Price \$2.95



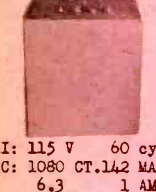
PRI: 115 V 60 CYC.
1200CT 200 MA.
12.5 2 AMP.
12.5 2 AMP.
5 3 AMP.
Size 4x4x4 WT. 10 lbs
Stock # FAIR-617
Price \$8.95
DESIGNED for COMMAND-TRANSMITTER




6 HY 75 MA
150 OHM
3x3x2 1/2 WT: 2 1/2
STK#3C316-7
PRICE: \$.79




14 HY 125MA
275 OHMS.
2 1/2x3 1/2x5 1/2;
308-708-060
\$1.25



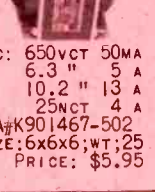
PRI: 115 V 60 cyc.
SEC: 1080 CT. 142 MA.
6.3 1 AMP.
6.3 2 AMP.
5 3 AMP.
Size 5x5x5 1/2 WT. 14 lbs
Stock # 229613.52
PRICE: \$3.95



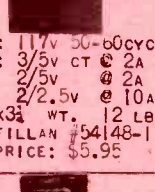
PRI: 115 v. 60CY
SEC: 24 V. 1.5 A
5 V. 6.0 A
6x4 1/2x2 1/2; WT: 8LB
#229621-508
\$1.95



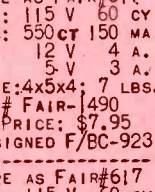
AUTO VIBRATOR TRANSFORMER
VIBRATOR 12/115CY
SEC: 248CT 90 MA
1 2.4 AM
115 CYCLE
SIZE: 2 1/2x3 1/2x3 WT4
STK#229625-75
PRICE: \$1.50



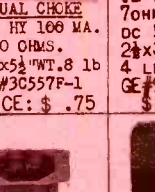
SEC: 650VCT 50MA
6.3 " 5 A
10.2 " 13 A
25NCT 4 A
RCA#K901467-502
SIZE: 6x6x6; WT: 25
PRICE: \$5.95



PRI: 117 V 50-60CYC
SEC: 3/5V CT @ 2A
2/5V @ 2A
2/2.5V @ 10A
7x4x3 1/2 WT. 12 LB
GILFILLAN #54148-1
PRICE: \$5.95




TYPE AS FAIR#617
PRI: 115 V 60 CY
SEC: 550CT 150 MA
12 V 4 A.
5 V 3 A.
SIZE: 4x5x4; 7 LBS.
STK# FAIR-1490
PRICE: \$7.95
DESIGNED F/BC-923



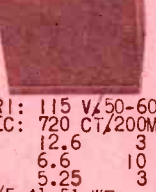
DUAL CHOKE
11 HY 100 MA.
200 OHMS.
4x4x5 1/2 WT. 8 lb
ST.#3C557F-1
PRICE: \$.75



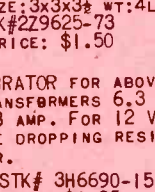
.5-.25 HY @
.2-.6 ADC
7OHMS MAX
DC 535V WVM
2 1/2x3 1/2x2 1/2
4 LBS.
GE#9T35Y283
\$1.25



PRI: 115 V 60 cyc.
SEC: 624 CT. 70 MA.
6.3 2.1 AMP.
5 3 AMP.
Size 3 1/2x4x6 WT. 8 lbs.
Stock # 229611.39
PRICE: \$1.95




PRI: 115 V 50-60C
SEC: 720 CT. 200MA
12.6 3 A
6.6 10 A
5.25 3 A
S/5x4 1/2x5 1/2 WT.
STK.# 203533
PRICE: \$4.95




VIBRATOR 12/115CY
SEC: 300 CT 100MA.
27 CT 2MA.
SIZE: 3x3x3 1/2 WT: 4LB
STK#229625-73
PRICE: \$1.50




PRI: 115 V 60 CYC
SEC: 6.3 V 2.7 AMP
SIZE: 2 1/2x2 1/2x2 1/2; 1 LB.
STK#5950-186-9789
PRICE: \$1.50



MODULATION TRANSFORMER
WATTS: 75
PRI: 200-250 OHM
SEC: GRID 813 TUBE
WITH SIDETONE
SIZE: 2 1/2x3 1/2x3 1/2 WT 2 1/2
STK#GE7465620-1
PRICE: \$2.95




PRI: 115 V 60 CY
SEC: 500 CT 80 MA.
24 V 2 A.
5 V 3 A.
SIZE: 2 1/2x2 1/2x3 1/2 3LB.
STK#FAIR-818
PRICE: \$4.95
FOR BC-603, 683
COMM/ARC RECEIVER



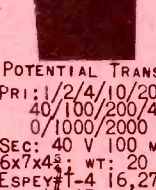
10 HY 75MA DC
375 OHMS
1070 MV
2x2 1/2x1 1/2; 1 1/2 LB
TF1A04EA
\$0.89



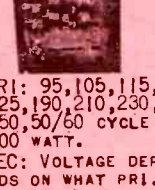
17 HY 80 MA.
300 OHM
2 1/2x3 1/2x2 1/2 WT.
STK#3C326-31B
PRICE: \$.75



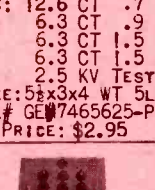
PRI: 210/230 60CY
SEC: 3000 700 MA.
TAPPED: 1500,
2100 & 1050
SIZE: 14x11x9 1/2
STK# 229607-14
PRICE: \$34.95




POTENTIAL TRANS
PRI: 1/2, 4/10, 20/
40, 100/200/40
0/1000/2000 V.
SEC: 40 V 100 MA.
6x7x4 1/2; WT: 20 LB
ESPEY#1-4 16,271
\$5.95



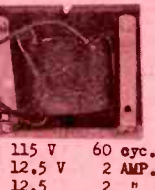
AUTO-ISOLATION
STEP UP-STEP DOWN
STK# 3H6690-15
PRICE: \$1.95



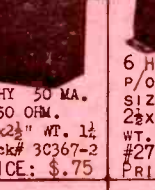
FILAMENT TRANSFORMER
PRI: 70/100/140/200
60 CYCLE
SEC: 12.6 CT .7 A
6.3 CT .9 A
6.3 CT 1.5 A
6.3 CT 1.5 A
2.5 KV TEST
SIZE: 5 1/2x3x4 WT 5LB
STK# GE7465625-PI
PRICE: \$2.95



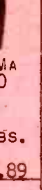
MODULATION TRANSFORMER
100 Watt
RESPONSE 200 to 5000
PRI: 7000 SEC: 7000
F/BC-191/375 TRANS.
Size 3x4x5 WT. 5 1/2 lbs.
Stock # 206191/T1
Price \$2.95




PRI: 115 V 60 cyc.
SEC: 12.5 V 2 AMP.
12.5 2 "
Size 4 1/2x4x2 1/2 WT. 5 1/2 lb
Stock # FAIR-5005
PRICE: \$4.95



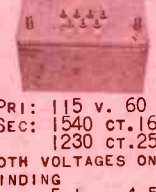
5 HY 50 MA.
250 OHM.
2x2x2 1/2" WT. 1 1/2
Stock# 3C367-2
PRICE: \$.75



6 HY 80MA
P/O TG-10
SIZE:
2 1/2x2x2
WT. 1 1/2 LBS.
#27294
PRICE: \$.89



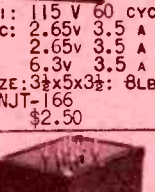
PRI: 115 V 60 CYC
SEC: 660 CT 100 MA.
6.3 5 AMP.
5 3 "
Size 4x5x4 1/2 WT. 9 1/2 lb
Stock # 6J23
Price \$3.95




PRI: 115 v. 60 CY
SEC: 1540 CT. 166A
1230 CT. 257A
BOTH VOLTAGES ONE
WINDING
5.1 4.5A
6.5 4.0A
6.5 .5A
7 1/2x6x6 1/2; WT: 35 LBS
STK# 229613.53
\$7.95



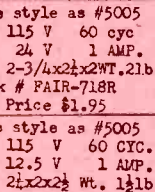
PRIMARYES:
2/100 V
60 CYCLE
SECONDARY:
2.5V 2A
7.5V 1.25A
21.v .1A
11.v 10.0A
10.v 6.5A
SIZE: 8x
4x6; 19LBS
CAY30219 \$3.95




PRI: 115 V 60 CYC
SEC: 2.65v 3.5 A
2.65v 3.5 A
6.3v 3.5 A
SIZE: 3 1/2x5x3 1/2; 8LB
#BNJ-166
\$2.50




MODULATION-TRANS.
200 WATT
200-15000CY 1DB
PRI. P.P PLATES
5400 OHM.
SEC: 600 OHM C.T
50 v.c.t.
2400 OHM 350 MA.
4x5x4 1/2; 12 LBS.
#677-0388-00
PRICE: \$4.95



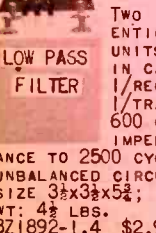
Same style as #5005
PRI: 115 V 60 cyc
SEC: 24 V 1 AMP.
Size 2-3/4x2x2WT. 2lb.
Stock # FAIR-718R
Price \$1.95



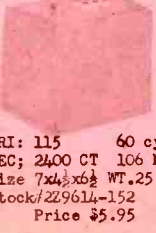
3.5 HY 200 MA
70 OHMS
3 1/2x4x3; 5 LBS
ORD.#7629828
\$1.75




2/9.5H. 300
/50 MA
RES. 75 OHM
OIL FILLED
WT. 9 LBS.
SIZE: 3 1/2x4 1/2x7
FREED #17986
\$3.95



LOW PASS FILTER
TWO IDENTICAL UNITS
IN CASE
1/REC.
1/TRANS
600 OHM
IMPED-
ANCE TO 2500 CYCLE
UNBALANCED CIRCUIT
SIZE 3 1/2x3 1/2x5 1/2;
WT: 4 1/2 LBS.
3Z1892-1.4 \$2.95



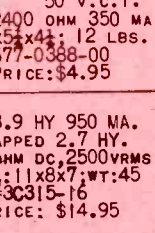
PRI: 115 60 cyc
SEC: 2400 CT 106 MA.
Size 7 1/2x4 1/2x5 1/2 WT. 25 lb
Stock# 229614-152
Price \$5.95



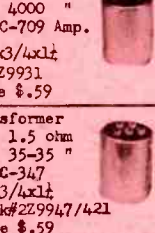
PRI: 115 V 60 CY
700CT 200 MA
700CT 60 "
2/ 5.0 2 A
1/ 6.3 .7 A
2/ 6.3 8.0 A
5 1/2x5 1/2x6;
GARONER #517
\$3.95



PRI: 230/460 60CY
SEC: 1025 CT350MA
4 60"
SIZE: 4 1/2x6 1/2x6 1/2 32LE
STK#229601,84
PRICE: \$2.95
USE TWO FOR 115 V



3.9 HY 950 MA.
TAPPED 2.7 HY.
25 OHM DC, 2500VRMS
SIZE: 1 1/2x8x7; WT: 45
STK#3C315-16
PRICE: \$14.95



Transformer
Pri: 100 ohm
Sec: 4000 "
PO/BC-709 Amp.
3/4x3/4x1 1/2
ST#229931
Price \$.59



Transformer
Pri: 100 ohm
Sec: 35-35 "
PO/BC-347
3/4x3/4x1 1/2
Stock#229947/421
Price \$.59



10 HY 225MA
85 OHM
3 1/2x5 1/2x5
WT. 11 LBS.
#TF1RX04Y
\$3.95

UTILITY BLOWERS

THE BLOWERS LISTED BELOW ARE STANDARD SHADED POLE TYPE AND ARE QUITE RUNNING WITH NO RADIO INTERFERENCE.

50 & 100 CFM BLOWERS

For Heat Boosters, Dryers, Exhausters, Drafts

You can't buy a better blower for forced drafts for warm air heating systems, heat boosters, exhausters, dryers, etc. Lowest priced, best made blowers of their kind.

100 CFM BLOWER
Single and twin types, 50 and 100 CFM respectively. Sturdy 3" dia. blower wheels are direct-driven by 115V, 60 Cy., quiet running Dayton motors. Steel housings are rubber mounted. 2 1/2" discharge. Outlet velocity is 2030 ft./min. 9" wire leads. Black finish. Shpg. wts. 5 and 6 lbs.

340 CFM TWIN BLOWER
For Hot & Cold Air Circulation, Exhaust, Etc.

Blower. Ideal for air circulation, forced draft, and exhausting jobs requiring large air than possible with single blower. Efficient, dependable and quiet. 4 1/2" dia. balanced wheels powered by 1550 RPM, 115V, 60 Cy. motor with 12" leads. Rubber mounted pressed steel housings with 3 1/2" x 3" outlets. Each outlet has 4 1/2" square flange to facilitate mounting. Outlet velocity is 1960 ft./min. 4 1/2" dia. air intakes. 1 1/4" W x 3/4" H x 8 1/2" D. Black, baked-on enamel. You'll like this blower's performance and the way it is built. Wt. 12 lbs.

15 CFM BLOWER
No. 2C782 F \$8.75

100 CFM BLOWER
No. 2C781 F \$10.95

2C781 100 CFM 115 VOLT 60 CYCLE INTAKE 3/4" OULET 2-1/8" FL 4-1/8" SIZE 5-13/16" x 6-3/4" x 6-5/16" SHPG. WT. 5 LBS. PRICE: \$10.95

2C782 15 CFM 115 VOLT 60 CYCLE INTAKE 2-7/8" OULET 1 1/2" FLG 2 1/2" SIZE 3-13/16" x 4" x 3-7/8" SHPG. WT. 2 1/2 LBS. PRICE: \$8.75

108 CFM 'PANCAKE' BLOWER

Compact—Motor is Inside Blower Wheel

Dayton's "pancake" moves 108 CFM where installation space is limited. Only 4 1/2" wide because motor has been built inside blower wheel. Fits into 4 1/2" x 16" W x 8 1/2" H x 8 1/2" space. Discharge 3 1/4" W x 3" H. Outlet velocity is 1530 ft./min. 4 1/2" dia. squirrel cage blower wheel and air intake. Steel, rubber mounted housing with baked on black enamel finish. 1550 RPM, 115V, 60 Cy. motor with 12" leads. Shpg. wt. 6 lbs.

140 CFM UTILITY BLOWER
For Exhausting, Forced Draft, Cooling, Etc.

Delivers blasts of air \$11.95

Com. 140 CFM single-inlet blower. Top performance for forced draft, ventilating, exhausting, cooling and drying applications. 5 1/2" x 4" mounting flange with 2 1/2" square discharge. Outlet velocity is 3230 ft./min. 3 1/2" dia. blower wheel direct-driven by 2800 RPM, 1/15 HP, 115V, 60 Cy. motor with conduit box and 30" leads. 7 1/2" W x 7 1/4" H (less flange) x 6 3/4" D. Order sample and test best 140 CFM utility blower. Wt. 9 lbs.

350 CFM DAYTON BLOWER

4 1/2" Wheel, 1 1/10 HP, 115 V, 60 Cy. Motor

2C841F \$22.75

Designed for applications that require more air than average shaded pole blower provides. Ideal for many exhausting, heating, cooling, drying, circulation, etc. applications. 350 CFM at 3500 RPM, 300 ft./min. outlet velocity in free air. 5 1/2" x 7 1/2" W x 11 1/2" H. 60 Cy. rubber mounted shaded pole motor. 180 F/L watts, 2 1/2" F/L amps, 12" No. 10 leads. Precision steel housing with 3 1/2" x 5 1/2" mtg. flange. 4 1/2" x 3 1/2" discharge. 10 1/2" x 7 1/2" x 10 1/2" D. Baked black finish. Shpg. wt. 12 lbs.

MINE DETECTOR

SCR-625 Famous ARMY MINE-DETECTOR USED CHECKED LESS BATTERIES \$27.95

\$32.95 WITH BATTERIES BATTERIES ONLY \$5.95
USED TO DETECT HIDDEN METAL OBJECTS IN THE GROUND OR OTHERWISE HIDDEN UP TO 24 INCHES DEEP DEPENDING ON THE SIZE. AND GROUND CONDITIONS. DETECTION IS NOTED BY A TONE SIGNAL THAT IS FED INTO THE HEAD SET OR SPEAKER UNIT THAT ARE SUPPLIED WITH THE SET SHIPPED IN CARRING CASE WITH INSTRUCTIONS, 75 LBS.

CRY BUTTONS REFLECTORS, CAN BE USED TO MAKE SIGNS OR MARKERS. SHINE WHEN LIGHT STRIKES 1" DIA. REQUIRES #10 NUT FOR MTG. NC#15-1. CARD OF 100 \$2.00

FLASHER
SUNBEAM #1567 115 VOLT 60 CY. 1/2 MINUTE ON 1/2 MINUTE OFF. 2 OUTPUT RECEPTACLES, LINE CORD, SWITCH, MOTOR ETC. 4 1/2" x 4 1/2" x 3; WT: 3 LBS. \$1.75

SWITCH
HEAVY DUTY 8 CONTACT WITH 6 DIFFERENT COMBINATIONS OF MAKE & BREAK. SIZE 7 x 3 1/2 x 1; WT: 1 LB. BAYNDET TYPE BULBS 24 V. MX-241. PRICE: \$.75

SELECTOR SWITCH
FOUR DECK, 11 CONTACTS EACH DECK. SIZE 2x3 IN. PLUS SHAFT. 329825-55-29 \$1.00

ROTARY SELECTOR SWITCH, ONE DECK CERAMIC, 11 POSITION, 2" DIA. STK#329825-62. 178 PRICE: \$.59 EA. 2 FOR \$1

KNIFE SWITCH
D.P.D.T. 1 1/2" x 2-5/8" LEVITON 9919 PORCELAIN BASE. \$.39 EA. 3 FOR \$1.00

SWITCH ROTARY SELECTOR OPERATES 18-28 VOLT D.C., 12 POSITION SINGLE DECK, 3 1/2" FLEXIBLE SHAFT, SW. SIZE 2 1/2 x 1 1/2; WT: 3 OZ. #3360-074-570-914 \$1.25

ROTARY SELECTOR SWITCH OPERATES FROM 18-28 VOLTS D.C. ONE STEP AT A TIME, TOP DECK 12 POS LOWER DECK ONE CIRCUIT 3 POS. 2 CIRCUIT 4 POS. SIZE: 2x2x2 1/2; WT: 4 OZ. ELAND # B-7439 \$1.50

CENTRIFUGAL BLOWER 120 CFM FROM 3400 R.P.M. 115V 60 CYC. CAPICATOR TYPE MOTOR WHICH REQUIRES 4MFD CAP. WT. 9 LBS. SIZE: 9 1/2" x 5 1/2" x 6 1/2" \$10.95

TS-164 FREQUENCY METER CASE (GOOD FOR BC-221, TS-174, TS-175 ETC.) WITH TWO BALLAST TUBES, VR-105 REGUL-ATOR TUBE WITH MOUNTING & RELAY INSTALLED IN THE REAR COMPARTMENT WHICH IS 2" DEEP, FRONT COMPARTMENT 9 1/2" x 7 1/2" x 7 1/2", HINGED COVER WITH PLASTIC COVER FOR CHART. UNUSED \$3.95

PPI RADAR SYNCHRONIZER OFFSET CHASSIS-15 ASSY WITH TUBES 2/6AT6 1/6100, 1/6096, 1/6101, CERAMIC SOCKETS, 5 TEST PIN JAC PRECISION RES., COND. TRANS., SIZE 7 1/2" x 5 1/2" x 3; 4 LBS. \$1.50 STK. No. 1013 \$1.50

MX-303A MAGAZINE FOR WIRE RECORDERS ANQ-1A, VRW-1 ETC. W/WIRE ON SPOOLS, MAGNETIZING HEAD, TIMERS, SWITCHES ETC. SIZE: 8 x 4 x 3; 5 LBS. RE-NEW \$1.95

ELECTRICAL CIRCUIT TESTER: PLASTIC UNIT CONTAINING 3 ROWS OF LIGHT BULBS 3 IN EACH ROW, WITH PLASTIC WINDOWS ON BOTH SIDES, 2, 4, 6 ONE SIDE 1, 3, 5 OTHER, SEPARATE LEADS FOR EACH ROW, CABLE 3 1/2" LG. WITH ALLIGATOR CLIP SIZE 7 x 3 1/2 x 1; WT: 1 LB. BAYNDET TYPE BULBS 24 V. MX-241. PRICE: \$.75

CAPACITOR BANK IN METAL BOX. TOTAL CAPACITY 15 MFD 600 VDC 1/1, 2/2 & 2/5. 6 1/2" x 4 1/2" x 5; 6 LBS. #R16-11687-500 \$.75

BC-610 OSCILLATOR PLUG IN UNITS FOR 500 WATT TRANSMITTER WILL MAKE A GOOD FOUNDATION FOR A 25-40 WATT TRANSMITTER CONTAINS VAR. CAPACITORS, COILS KNOBS, CRYSTAL SOCK. SWITCH ETC. (ALL UNITS ARE USED AND HAVE CRACKED INSULATION ON THE PLUG IN PIN TU# FREQ. MC. TU# FREQ. MC. 47 2.0-2.5 48 2.5-3.0 49 3.2-4.0 50 4.0-5.0 51 5.0-6.3 53 8.0-12.0 62 1.0-1.5 SIZE: 2x8x4 1/2; 2 1/2 LBS. \$1.75

COILS PLUG IN AIR TYPE 5 BANANA PINS. 3 1/2" x 4 1/2"; 1 LB. \$1.95

For BC-610 C-# FREQ. MC. 389 4.5-5.7 447 8.0-11. 448 11.0-14. 455 1.0-1.5 For T-4/FRC C-14 7.1-9.9 " " C-2 5.1-7.1

COMMAND RECEIVER VARIABLE 3 TO 6 MC. 3 GANG WITH TRIMMERS & DIAL ASSY. 147 MMF. # 4601 4x3x3; WT: 1 LB. \$1.95

ALLIGATOR CLIP WITH SCREW CABLE HOLDER & PINCH SPIKE AT JAWS. 2 INCHES LONG. 6 FOR \$.50

GLOBE INDUSTRIES TYPE A PHOTO-CELL ASSY. BATT. OPERATED. W/ 921 PHOTO-CELL TUBE & IS4, SENSITIVITY ADJUSTMENT, RELAY, SWITCH, OUTLET ETC. SIZE: 3x4x5; WT: 2 LBS. PRICE: USED \$2.50

IMMERSION HEATER 24 VOLT AC/DC, 50 WATTS GAL-2 LON, 3" PRESS CAP, 4 1/2" SCREW CONE, 5 FT. CORD. HEATING SHAFT 12". WT: 4 LB LFC#EA8801. PRICE: \$1.50

PHOTO-CELL LIGHT RESISTANCE TYPE 1000 OHM 1/2" SQUARE. #5169A USED \$1.00

METSNER COIL KIT FOR SIGNAL SHIFTERS. PLUG-IN TYPES, 3 COIL OSC. PLATE, OSC. GRID & BUFFER COILS. EACH SET OF 3 \$1.00 ALL 3 SETS... 2.50 A-18-2951 2040 TO 2410 KC. 3C368-14 1000 TO 1170 KC. 3C2501-17 40 METER BAND.

ARGUS AUTOMATIC TIMER No. 586 12 STOPS, 5-60 SECONDS, AUTOMATIC HOLD OR. REJECT ON ANY PRE-SELECTED STOP. MADE FOR SLIDE PROJECTORS CAN BE ADAPTED TO OTHER USES. 2 1/2" x 3 1/2" x 2 1/2" 2 LB \$2.95

HEATING ELEMENT 115 VOLT 500 WATT SINGLE SECTION STRIP, 23 1/2" LG. X 1 1/2" WIDE X 7/16" METAL SHEATH & MTG. HOLES. 2 LBS 225015-24 \$1.50 EA.

SAME AS ABOVE 150 WATT, 7 1/2" IN LG. 3H2503.1 \$.75 EA.

CHROMALOX HEATING ELEMENT 115 VOLT 50 WATT STANDARD SCREW BASE, 4 1/2" x 1 1/2"; 1 LB. #CHR-SCB \$.75

T-67/ARC-3 C129 POWER AMPLIFIER PLATE TUNING 4-17 MMF, 2500 V .0243 AIR GAP. SHAFT 13/16 x .31; 1/7/8x2 1/2 \$1.50

BC-624/522 RECEIVER, 3 GANG 6-36 MMF EACH SECTION WITH SLUG TUNED TRIM. SHAFTS 5/16 STK#3D9036V SIZE 4 1/2" x 2 1/2" x 3 1/2; 1 LB. \$1.50

351-1013 3.5 TO 27 MMF, 13 PLATI SIZE 1-5/8 x 1-5/8 x 1-5/8, SHAFT 1 1/2 x 3/16. \$.75

TCS VARIABLE CAPACITOR 2 SECTIONS 10-200 MMF 1 SECTION 10-360 MMF, 4" 3 BAND DIAL CALIBRATED 1.5-3 MC 3-6 MC & 6-12 MC. WITH GEAR ASSY & LOCK. SIZE 7 x 3 x 3 1/2; WT: 5 LBS. #W-881 PRICE: NEW \$3.95

CAPACITORS

VARIABLE CAPACITOR 5 SECTION 20-402 MMF EA. SECTION. WITH GEAR TR. AND SPLINED SHAFT, STRAIGHT SIZE: 9 1/2" x 4 x 3; 4 LBS. #G-ARN-6 \$3.95

BC-348 C&S VARIABLE CAPACITOR, 4 SECTION 16 TO 241 MMF, WITH GEAR & COMP. 6 1/2" x 2 1/2" x 3 1/2"; 2 1/2 LBS. #309016V-1 PRICE: \$1.50

BUD 40 METER TRANSMITTING COIL MOUNTED ON 5 PIN CERAMIC BASE, 18 TURNS 1 1/2" DIA #3C804 \$.75

BC-924 TRANSMITTER COIL SLUG TUNED COIL 27 TO 38 MC. WITH ADJUSTING DIAL & TUNING SCALE MOUNTED ON CAST BASE. SIZE 8 x 1 x 1 1/2; 1 LB. PRICE: 1.00

HAMMAR-LUND MFG #F1-475 PRICE: \$7.95
TRANSMITTER VARIABLE CAP. 42 TO 420 MFD, 3200 VOLTS. 52 PLATES, 3/32" SPACING. SIZE 8 1/2" x 2 1/2" x 4 3 LBS.

TRANSMITTER VARIABLE CAP. 42-420 MFD. 2000 VDC. 40 PLATES 1/16" SPACING. SIZE: 6x2 1/2x4 1/2; 2 1/2 LB. GE#7765659-PI PRICE: \$5.95

20 TO 156 MMF 31 PLATES; SIZE 4x2x3; SHAFT 3/8" GE#17660443-6 PRICE: \$1.95

22 TO 118 MMF 31 PLATES SIZE: 4 1/2" x 2 x 3 SHAFT 3/8" GE#7463006-1 PRICE: \$1.95

6 TO 146 MMF 37 PLATES SIZE: 1-5/16 x 15/16 x 1 1/2; SHAFT 7/32 x 7/8 #3D9140V-7 PRICE: \$.69

50 MMFD VARIABLE 7 PLATE 1/2" x 1/2" SHAFT, MTG. BRK. #351-1037 \$.79

PA TUNING CAPACITOR FOR COMMAND TRANSMITTERS WITH GEAR TRAIN & DOUBLE END SHFT SIZE 4x2 1/2 x 3. STK#2C6397A/C8 PT#C-65/7321 PRICE: \$1.50

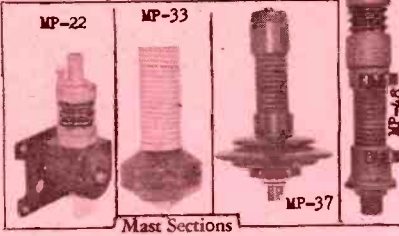
VARIABLE CAPACITOR 7 SECTIONS 1/80, 4/100 & 2/200, DRUM DIAL. 1 1/2" x 1 1/2" x 3; 5 LBS. #CA-325/BC-223 \$2.95

VACUUM CAPACITOR

VACUUM CAPACITOR 3 MMFD 15 KVDC, PLUS OR MINUS 10% W/CONNECTORS. SIZE 5/8 x 4 JENNINGS TYPE Y-3 N.\$1.95

ANTENNAS

Mast Bases



3 ft. Tubular steel, cooper coated and painted sections. These screw together to make any desired length. MS-49 being the top & smallest section increasing in size through MS-50-51-52-53 to MS-54 being the larger one. Either the MS-53 or MS-54 will fit together to form any additional height desired. Example a 33 ft. vertical may consist of one each MS-49, 50, 51, 52, and 7 each of MS-53 or it may be finished out on the bottom with 6 MS-54 sections. Self support to about 18ft. Average Wt. app. 3/4lbs. MS-49-50-51-52-53 .50ea. MS-54 .75ea

MS-49
MS-50
MS-51
MS-52
MS-53
MS-54

Mast Bases

MP-22 Side mount swivel mast base will tip to 90° either right or left. Has a spring snap lock in the vertical position, will take either the MS-53 or MS-54 mast sections. Size Mtg. plate 5" 6" X 10 1/2" high. Wt. 9 lbs. Price.....\$2.95

MP-22A Same as above except mounting hole is for the MS-51 with the MS-49, MS-50 and MS-51. This will make a 9 ft. tapered antenna. Price \$2.95

MP-33 A heavy weight spring mast base for the MS-53 or MS-54 with 5" phenolic insulator. 10 1/2" high. Requires a 2" Mtg. hole. Wt. 8 1/2 lbs. Price \$3.95

MP-37 Heavy coil spring with an 8" climeter ceramic insulator. Requires a 2" Mtg. hole. 12" high Wt 10 1/2 lbs. Price.....\$5.95

MP-48 A rugged mast base with the insulator above the spring will take the MS-53 or MS-54 mast sections. Size 3"D. X 16 1/2"H. Wt. 11 3/4 lbs. Price.....\$2.95

PARABOLIC ANTENNA

DISH PAN TYPE, FOUR (4) FOOT DIAMETER ALUMINUM PAINTED GREY, 21" FEED FOR APPROX. 7100 MC. THREE INCH ROUND MTG. FOR WAVE GUIDE SIZE 1-5/16 X 5/8, FOUR (4) MOUNTING STUDS WITH HARDWARE. PHILCO # 463-2252-1.

SHIPPING WT. IN CARTONS 75 LBS. CRATE 225

PRICES: WITH FEED \$29.95 LESS FEED \$25.00
DEFROST ATTACHMENT \$5.00 EXTRA.



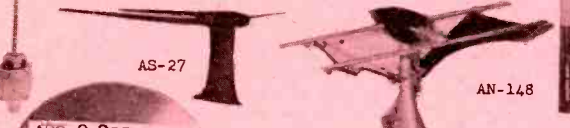
SIX HALF FT ANTENNA ANDREW # N-14519, DISH TYPE UY-2B 1700 to 1850 MC. WITH FEED STUB, PIPE MOUNTING, ALUMINUM PAINTED GREY, 6 FT. 6 INCHES. SHPG. WT. 415 UNUSED \$49.50

REFLECTORS

MICROWAVE, PLANE TYPE CONFIGURATION, ALUMINUM, NOT PERFORATED. MOUNTED BY FRAME WORK OF REFLECTOR AND BRACKETS WITH HARDWARE, GUYS AND ADJUSTMENT FOR AZIMUTH. SIZE: 8 FOOT X 6 FOOT, NET WT. 125 LBS. SHPG. WT. 375. PRICE: \$50.00



- AS-150/ART Whip Antenna 30" long with 8ft. matching coax cable & SO-239 plug. \$1.50
- AS-97/ART Whip same as above except 72"rod. 1.95
- AS-27/ARN-5 Horizontal folded dipole as used with RC-103, BC-733, ARN-5 Equip. on airplanes. 108-110 MC. UNUSED \$5.95
- AN-148 Dipole Antenna 150 to 180 MC. 2.95
- AN-101A Stub Antenna f/SCR-522 100-156MC. 1.25



APS-2 REFLECTOR

POLISHED SPUN ALUMINUM. BAND CAN BE REMOVED. DIAMETER 29" X 27" FOCAL LENGTH 5" HOLE DIAMETER 2 1/2" SHPG. WEIGHT 6 LBS.

PRICE: \$5.95

IN-86

STRAIN INSULATOR Size 1x3 4 for \$1.

AS-65/APQ-2A ANTENNA ASSEMBLY CONSISTING OF 2 3" BASES WITH UG-23 COAX. CONN. AND ALUMINUM RODS 3/12", 1/9", 1/7", 1/5", 1/4". WT: 4 LBS. PRICE: \$.50

AN-75D WHIP ANTENNA TELESCOPING TYPE. SEVEN (7) FT. EXTENDED 14" COLLAPSED, WITH MOUNTING BRACKET & BINDING POST. PRICE: EACH \$1.50

AT-35 DIPOLE ANTENNA WITH UG-22 COAXIAL CONN. 2A288A-35 WT: 2LBS. \$1.50

SPREADER INSULATORS WHITE CERA 3/4"x4", 2 1/2" HOLE CENTERS. \$.25 EACH 5 FOR \$1.00 3/4"x 12", 10" HOLE CENTERS \$.45 EACH, 3 FOR \$1.25

AN 109 130 745 74 75

AB-52/TRC-8 HALF WAVE DIPOLE ANTENNA & REFLECTOR 230-250 MC. 50 OHM COAX. CABLE FEED DIPOLE 1/2" DIA X 20" LG. 14" SUPPORT, UG-22 COAX FITTING, REFLECTOR 36x30, FOLDS TO 30"x23"x8", MOUNTS TO MAST HEAD BY MEANS OF ADJUSTABLE CLAMPS AND CAN BE USED FOR HORIZONTAL OR VERTICAL POLARIZATION. WT: 20 LBS. PRICE: \$3.95

UG-21 COAX. CONN. TO FIT ANTENNA \$.75

DU-1 LOOP ANTENNA FOR ARB REC. USED AS A DIRECTION FINDER IN THE 200 TO 1600 KC RANGE, OPERATING VOLTAGE IS NORMALLY SUPPLIED BY THE RECEIVER WHICH IS APPROX. 200 VDC AND 12 OR 24 VOLT DC. WITH 2/12 SK7 TUBES. SIZE: 17x12x12: 10LBS PRICE: NEW \$18.95 CONNECTOR PLUG " \$1.00

AN-190 LOOP ANTENNA: FREQUENCY RANGE 3.5 TO 6 MC. CONSISTS OF 5 TURNS OF WIRE ON A COLLAPSIBLE WOOD FRAME WITH HANDLE, 3FT OF CABLE WITH PLUG AND COUPLING ADJUSTMENT. CAN BE USED ON OTHER FREQUENCY SIZE: OPEN 21 1/2 X 27 1/2, CLOSED 17 X 3; WT: 4 LBS. \$1.50

AS-26/APR-2 ANTENNA USED WITH R-34/APR-2 RECEIVER FREQUENCY 400 TO 1000 MC. WITH UG-22 COAXIAL RECEPTACLE. SIZE: 8X6; WT: 3 LBS. PRICE: NEW \$5.95 UG-21 COAX. CONNECTOR TO FIT UG-22..... \$.75

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS THAT TUNES FROM 200 TO 1750 KC. OPERATES FROM 26 VOLT 400 CYCLE SIZE: 10X11X5; WT: 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95

RADAR ANTENNA RCA#636500-1 24" PERFORATED REFLECTOR, 12" STUB. 1/4 H.P. MOTOR 208 V. 400 CYC. 3 PHASE 360 DEG. ROTATION, 22.5 VARIABLE ANGLE, AY-221S RESOLVER, 36/11.8 V. 400 CYC. 2 PHASE, RELAYS ETC. SIZE: 24 X 24 X 20: WT: 40 PRICE: USED \$19.95

A P R ANTENNA AS-125/APR ANTENNA; FOR USE WITH RECEIVERS OPERATING IN THE 1000-6000 MC. FREQ. RANGE, 6" MOUNTING RING W/HARDWARE, UG-22 COAX. CONN. RECEPTACLE. SIZE: 6X8; WT: 4 LBS. \$1.95 UG-21 TO FIT UG-22..... \$.50

AS-158/APA-24 DIPOLE ANTENNA CONSISTS OF TWO DIPOLES THAT EITHER CAN BE USED IN A HORIZONTAL OR VERTICAL POSITION, FREQUENCY RANGE 450 TO 750 MC. MOUNTED ON 34" MAST, TWO LENGTHS OF TWIN COAX. WITH PLUGS 4 1/2 FT. PRICE: \$2.50

SMALL ANTENNA INSULATORS Insulating material made of polystyrene Size 1 1/2 x 1 1/2 Mtg. hole 3/4" Receptacle size 3/8 x 24 TH. STOCK # 223021-227 Fits ANT. AN-130, 131, Size 7/8 x 1 1/2 Mtg. hole 5/8" Receptacle size 1/2 x 20 TH. Fits any of the UHF Rods Stock # 223062-237 Specify type each \$.75

NEON LIGHTING ARRESTOR HI-POWER 4 for \$1

VIS-O-GLO

- AN-109 WHIP ANTENNA: 5 FT. TAPERED 1/4 TO 1/8 PRICES: \$1.50 EACH SIX (6) FOR \$3.00
- AN-117 WHIP ANTENNA: 6 FT. TAPERED 5/8 TO 1/8 PRICES: \$1.50 EACH SIX (6) FOR \$3.00
- AN-75 TELESCOPING WHIP 7 FT. TAPER 5/8-1/16 PRICES: \$1.00 EACH SIX (6) FOR \$4.00
- AN-745 TELESCOPING WHIP 8 FT. TAPER 5/8-1/8 PRICE: \$1.00 EACH SIX (6) FOR \$4.00
- AN-130 GOOSENECK WHIP 30", SCREW BASE FITS INSULATOR LISTED BELOW. PRICE: \$1.00 EACH SIX (6) FOR \$4.00
- AN-20T CHROME TELESCOPING 20" PRICE: \$.50 EACH SIX (6) FOR \$2.00
- 2A-124 ALUMINUM ROD 3/8" X 6 FT. NO TAPER PRICE: .75 EACH SIX (6) FOR \$3.00

A-27 PHANTOM ANTENNA USED WITH BC-653 & BC-191 TRANSMITTERS FOR TUNING & LOADING WITHOUT REGULAR ANTENNA BEING CONNECTED. CONTAINS A 0-150 MMF. WIDE SPACED 3/16, VARIABLE CAPACITOR, 2/12 OHM 40 WATT NON-INDUCTIVE RESISTORS, MOUNTED IN A CASE 3 1/2 X 7 X 4 1/2 THAT HAS A PONITER KNOB AND 0-100 SCALE, ANTENNA & GND LEADS WITH COVER. WT: 2 LBS. PRICE: RE-NEW \$1.50

A-62 PHANTOM ANTENNA USED WITH BC-604 TRANSMITTER FOR LOADING TRANSMITTER WITHOUT USE OF REGULAR ANTENNA. CAN BE USED FOR ANY TRANSMITTER IN THE 21 TO 28 MC. BAND. HAS A VARIABLE CAPACITOR 55 MMF., 2 RESISTORS, COIL SLUG TUNED, BINDING POSTS AND INDICATOR LAMP THAT LIGHTS WHEN TRANSMITTER IS LOADED. SIZE 3X6. WT: 4 LBS \$1.25

GROUND PLANE ANTENNA Ground plane antenna to cover 20 to 50 MC. Made from surplus insulated base & screw in type mast sections. Mounts on 1 to 2 inch pipe. Specify operating frequency range. \$10.95

Antenna Telescoping AN-29 for BC-659 12 FT, 10". \$2.95

AN-45 for BC-620 8 foot \$2.95

INSULATOR TERMINAL STRIP 8 feed thru insulators size 1/2 x 1, mounted on 1 x 9 terminal strip. Each strip \$.35 Four strips \$1.00

ANTENNA PHOSPHOR BRONZE #16 1 CONDUCTOR WITH 2 SNAPS & SLIDE CONNECTOR, INSULATED. AN-22 " 20 " .65



R-58/ARQ-8 RECEIVER
USED WITH T-51 TRANSMITTER AS A SEARCH AND JAMMING SET IN 25 TO 105 MC RANGE. THE RECEIVER FREQ. WAS CONTROLLED BY THE TRANSMITTER OSCILLATOR AND FEED THROUGH THE COAXIAL CONNECTOR ON THE FRONT OF THE RECEIVER WHICH HAS A 20 MC. IF. A BAND-PASS CIRCUIT 5 MC. WIDE TUNEABLE BETWEEN 25 & 105 MC IS USED BETWEEN THE MIXER CONTROL GRID AND THE ANTENNA. UNIT REQUIRES 115 VOLT 400 CYCLE & 24 VOLT FOR POWER. COMPLETE WITH TUBES 1/9001, 3/6SG7, 1/6SQ7, 1/6AG7 AND 1/5Y3GT. SIZE: 5 1/2x7x22; WT: 25 LBS. PRICE: USED \$5.95

ILLUSTRATED COVER REMOVED. POWER PLUG, \$1.50
RECEIVER SCHEMATIC \$1.00/ POWER PLUG. \$1.50

RADAR INDICATOR \$24.95



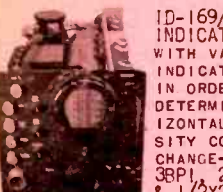
PPI RANGE INDICATOR
FOR T-9 TRACKER RADAR SET AN/GPG-1. OPERATES FROM 115 VOLTS 60 CYCLE WITH TUBES, 13/6J6, 2/12AH7, 1/6AG5, 1/6AR6, 1/6AG7, 2/6C4, 1/12AU7, 1/30P1, 1/5ADP7 & 2/38Z9 ALL

FOCUSING CONTROLS ON FRONT PANEL, CHASSIS ONLY, NO COVER. SIZE: 13x11x24; WT: 80 LBS.

PANORAMIC RECEIVER



R-61/ARQ-5 Double SUPERHET
RODYNE RECEIVER WITH MOTOR DRIVER CAPACITOR TUNING FOR SCANNING AM, FM, CW & W/VIDEO SIGNALS IN THE 18 TO 50 & 48 TO 80 MC BAND ON A 5CP1 CATHODE RAY TUBE THAT IS CALIBRATED AS TO FREQ. PRESENTATION IN THE LOW & HIGH BAND. SELECTION OF BAND, TO BE VIEWED, SELECTIVITY & CLIBRATION ARE ALL ON THE FRONT PANEL. SET IS OF UNINITIALIZED CONSTRUCTION AND IS COMPLETE WITH 20 TUBES; 4/6AG5, 2/9002, 2/12SK7, ONE EACH 5Y3, 2X2, VR-90, 927, 12SG7, 12SA7, 12H6, 12SQ7, 12SH7, 6SN7, 2050 & 5CP1. OPERATING VOLTAGE REQUIRED 80-115 VOLTS 400-2600 CYCLES 120 WATTS & 28 VDC WITH OPERATING MANUAL & SCHEMATIC. SIZE: 10 1/2x8x22. WT. 51 LBS. PRICE, NEW... \$49.50



ID-169/APN-12 RADAR RANGE INDICATOR OSCILLOSCOPE, USED WITH VARIOUS TYPE SETS FOR INDICATION OF INCOMING SIGNALS IN ORDER THAT THE RANGE MAY BE DETERMINED. HAS VERTICAL, HORIZONTAL, FOCUS, SWEEP & INTENSITY CONTROLS, COAXIAL ANTENNA CHANGE-OVER MOTOR ALSO TUBES 3BP1, 2/6H6, 2/6SN7, 1/6G6, 1/6X1 & 1/2X2. OPERATES FROM 115 VOLTS 400 CYCLE & 24 VDC. SIZE: 10x8x22; WT: 40 LBS PRICE: USED \$9.95

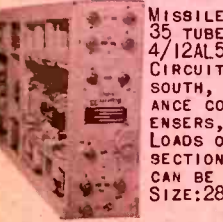
AMPLIFIER



NAVY INTERPHONE AMPLIFIER USED WITH TCS EQUIPMENT. PUSH-PULL 2/12A6 TUBES. CARBON MIC. INPUT 75-200 OHM ALSO 600 OHM OUTPUT 125 OHM. VOLTAGE REQUIRED 12 VDC & 250 VDC 60 MA. HAS MOUNTING FOR DYNAMOTOR 35x032, 12 VOLT.

(SEE CONVERSION INFORMATION LISTED BELOW.)
SIZE: 7 1/2x10x7; WT: 15 LBS.
PRICE: AMPLIFIER WITH TUBES \$2.95
" " " " & Dyn. 6.95
KIT FOR CONVERSION TO SPEAKER OUTPUT, APPROX 5 WATTS, INCLUDES OUTPUT TRANSFORMER, MIC & PHONE JACKS, SWITCH, CABLE AND PLUG FOR PLUGGING INTO LIGHTER AND INSTRUCTIONS. \$2.00

AUTO PILOT



MISSILE AUTOPILOT AMPLIFIER 35 TUBES, 10/5814, 4/6AQ5, 4/6AQ4, 4/12AL5, 6/5879, 6/6AL5 & 1/5751 CIRCUITS, ROLL & PITCH, NORTH, SOUTH, EAST, WEST, GAIN & BALANCE CONTROLS, RESISTORS, CONDENSERS, TRANSFORMERS, RECTIFIERS LOADS OF PARTS MOUNTED ON A 3 SECTION ALUMINUM FRAME THAT CAN BE DISMANTLED. SIZE: 28 1/2 x 4 1/2 x 12 1/2; WT: 35 LBS. PRICE: USED \$14.95



GYRO INTEGRATING HGT UNIT MFG. BY HUGHES AIRCRAFT PART NO. 420 -57-0013, CONTROL RATE OF TURN. SIZE 2 1/2x5 1/2; WT: 3 LBS. USED \$4.95



DEFLECTION PREDICTION SERVO ARMA #93600. CONSISTS OF FOUR RESOLVERS #93170, PRECISION POT. CONTROL MOUNTED ON GEAR TRAIN ASSY WITH INDICATOR DIAL SIZE: 6 1/2x3 1/4; WT: 4 LBS. PRICE: USED \$4.95

AZIMUTH LINE OF SIGHT SERVO ARMA#2-00003-239. CONSISTS OF RESOLVER 93170, INDUCTION GENERATOR 2-00003-903, SERVO MOTOR BM-1541A, PRECISION POT. MOUNTED ON CHASSIS WITH GEAR TRAIN ASSY. SIZE 6 1/2x4x4 1/2; WT: 5 LBS. \$4.95



P OR R ELEVATION COMPUTER ASSY; CONSISTS OF TWO SYNCHRO RESOLVER, KETAY#D-13810-1 0-100V 350 CPS, #D-13350-1 0-10 v. 400 cps, KOLLSMAN INDUCTION MOTOR #1515J-0430, WE MAGNETIC AMP. GA-52140, FOUR TUBES IN SEALED CIRCUITRY, A&B CONTROLS, TEST JACKS ETC. STK.# 15264 SIZE: 11x7x6; WT: 12 LBS. PRICE: USED \$6.95

GE SELSYN GENERATOR NO. 2J1F1 115/57.5 v. 400 cyc. \$2.95

GE TANDEM SELSYN CONTROL TRANSFORMER NO. 2JB15K1, 57.5-57.5 VOLTS 400 CYC. RATIO 31-1 \$2.95
REPEATER A.C SYNCHROUS TYPE IX 115 VOLT 60 CYCLE, SIZE 5x3 PRICE: \$7.95 2 FOR \$15.00

INDICATOR ASSEMBLY FROM CRV-55ABL CONSISTS OF 2 SYNCHRO MOTORS MARK 4, MOD.2 SIZE 5F, 115/90 V. 60 CY CONNECTED TO A 7 1/2" SCALE 0-360 DEGREES INNER AND OUTER FIX. ALUMINUM CHASSIS NO COVER 14x14x14; WT: 40 LBS.
AS DESCRIBED \$14.95 SYNCHRO MOTOR ONLY \$8.95

SYNCHRO CONTROL TRANSFORMER MARK 3, MOD.2 5CT 90-55 VOLT TO BE USED WITH ABOVE UNIT. \$9.95

ARMA 5A INDUCTION MOTOR NO. 213079 COUPLED TO KOLLSMAN CON. TRANS. 799-05, GEARED SHAFT. 7 1/2x3 1/2x3 1/2; WT: 7 LBS. \$2.95

SYNCHRO RECEIVERS

RECEIVERS TYPE 23TR6 PART NO. 76766355, 115 V 60 CYCLE, 2"x4" SAME AS USED IN THE ABOVE UNIT. WEIGHT PER PAIR 5 LBS. PRICE: \$10.95 EACH 20.00 PAIR

A-1C SIGHT HEAD FOR GUN BOMB OR ROCKET. CONTAINS LENSES, MIRRORS, BEARINGS, GEARS, LAMPS, INDICATOR SWITCHES ETC. SIZE: 13x16x5; WT: 30 LBS. \$9.95

AUTOMATIC PILOT COMPONENT; GYRO DIRECTIONAL STABILIZER UNIT FOR "M" SERIES BOMBSIGHT AND E-6 AUTOPILOT. OPERATES FROM 24-28 VOLTS D.C. SIZE 17x12x12; WT: 50 LBS. PRICE: USED \$22.95

TS-13/AP TEST SET; CONSISTS OF SIGNAL GENERATOR, XA BAND WAVEMETER, WATTMETER, PLUMBING ETC. OPERATES FROM 115 VOLT 60 TO 800 CYCLE. USED FOR BENCH FIELD TESTING OF RADAR EQUIP. ASD, AIA, APS-3 ETC. SIZE: 20x10x12; WT: 65 LBS. PRICE: USED \$40.

TS-14 TEST SET; SIGNAL GENERATOR USED FOR FIELD TESTING OF "SA" BAND RADAR SUCH ASG, ASC, APS-2 ETC. OPERATES FROM 115 VOLT 60-800 CYCLE. SIZE 17x10x12; WT: 30LB. USED \$30.00

TS-92/AP AMPLIFIER ALIGNMENT UNIT; CONSISTS OF A RECEIVER WHICH CAN BE USED TO CHECK THE OUTPUT OF XMITTER JAMMING FOR MAX. GAIN IN THE 20 TO 250 MC. RANGE. OPERATES FROM 115 V. 60 TO 2600 CYCLE. SIZE 14x8x7 1/2; WT: 40 LBS. PRICE: USED \$29.50

SYNCHRO SELSYNS



SYNCHRO GENERATOR SPERRY PT#R5663642 MFG. BY BENDIX FOR IBM. SIMILAR TO BENDIX # AY-401-2. OPERATES FROM 26 VOLTS 400 CYCLE SINGLE PHASE WHEN USED IN CONJUNCTION WITH BENDIX # AY-201 SYNCHRO CONTROL TRANSFORMERS IT WILL OPERATE UP TO 20 UNITS. WILL ALSO OPERATE FROM 6 VOLT 60 CY. WITH A SLIGHT LOSS. SIZE: 2 1/2x2 1/2; SHAFT 1/16x3; WT: 12 OZ. PRICE: NEW \$2.95 2 FOR \$5.00



AY-201 SYNCHRO CONTROL TRANSFORMER MFG. BY BENDIX, ROTOR 1 PHASE 26 VOLT 400 CYCLE, STATOR 3 PHASE 11.8 VOLTS. SIZE: 1 1/2x1 1/2 SHAFT 1/2 x 1/16; WT: 3 OZ. CONDITION REMOVED FROM EQUIPMENT. PRICE: \$1.95 EACH 3 FOR \$5.00



KEARFOOT R-200 SYNCHRO CONTROL TRANSFORMER. ROTOR 26 VOLT 1 PHASE 400 CYCLE, STATOR 11.8 VOLT 3 PHASE. SIZE: 1x1-3/4, 1/16; WT: 3 OZ. CONDITION REMOVED FROM EQUIPMENT. PRICE: \$2.95 EACH
KEARFOOT SYNCHRO RESOLVER R-235, ROTOR 2 PHASE 26 VOLTS, STATOR 2 PHASE 11.8 VOLTS 400 CYCLE. SIZE: 1x1-3/4; SHAFT 1/16x3; 3oz. REMOVED FROM EQUIPMENT. PRICE: \$2.95

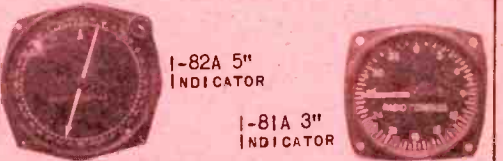
2J1F1 SELSYN GENERATOR NORMALLY OPERATES FROM 115/57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 36 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM TO THE RIGHT. SIZE 2 1/2x4 1/2; WT: 8 OZ. PRICE: WITH CONNECTOR CAPS. \$2.95

SELSYN SYNCHRO

NAVY TYPE SYNCHRO GENERATOR 5G MK1, MOD. 5; 115/90 V. 60 CYCLE. CAN BE USED FOR DIRECTIONAL CONTROL TO A REMOTE POSITION IN PAIRS AS TRANSMITTER & RECEIVER. EACH UNIT WILL FOLLOW OTHER UNIT IN DIRECTION AND SPEED OF ROTATION.
HEAVY DUTY GEAR TRAIN WITH SELSYN/SYNCHRO AS ILLUSTRATED, SIZE 10x8x5, WT: 12 LBS. \$7.95
SELSYN/SYNCHRO ONLY 6 1/2x4 WT: 5 " 5.95
GEAR TRAIN ONLY 10x3x5 WT: 7 " \$1.50



LP-21LM LOOP ANTENNA AS USED ON AIRCRAFT WITH RADIO COMPASS RECEIVERS FOR USE IN THE 200 TO 1750 KC. COMPLETE LOOP ILLUSTRATED TO THE LEFT. ILLUSTRATION TO THE RIGHT IS WITH HOUSING REMOVED AND IN THE CENTER ARE ILLUSTRATED THE GEAR TRAIN MOTOR, REVERSIBLE CK-2 AND AUTOSYN SELSYN MC-217/MC-507 WHICH ARE INSIDE THE BOTTOM HOUSING ALSO CONTAINED THEREIN IS A SLIP RING ASSY. MOTORS OPERATE FROM 26 VOLT 400 CYCLE BUT CAN BE OPERATED FROM 60 CYCLE AS SHOWN IN WIRING DIAGRAM BELOW.
SIZE: OVERALL 20x16x10; WT: 12 LBS. COND. USED.
LP-21-LM LOOP COMPLETE WITH HOUSING \$9.95
LP-21-LM " " LESS " 6.95
CK-2 GEAR TRAIN MOTOR ONLY 4.95
MC-217/MC-507 AUTOSYN SELSYN 3.95
PL-112 PLUG TO FIT LOOP 9 CONTACT 2.50
PL-108 PLUG " " " 4 " 1.50



1-82A 5" INDICATOR
1-81A 3" INDICATOR
1-82A INDICATOR 5" ILLUSTRATED TO LEFT ABOVE 0-360 DEGREE SCALE CONTAINS A MATCHING AUTOSYN MOTOR TO BE USED WITH THE LP-21LM LOOP. OPERATES FROM 26 V 400 CYC. (60 CYC SEE BELOW)
1-81A INDICATOR 3" ILLUSTRATED TO RIGHT ABOVE 0-36 DEGREE SCALE CONTAINS A MATCHING AUTOSYN THAT WAS USED WITH THE LP-21LM LOOP.
OPERATES FROM 26V 400 CYC. (60 CYC. SEE BELOW)
1-82A INDICATOR 5" USED \$3.95
1-81A INDICATOR 3" USED 2.95
PL-118 CONNECTOR PLUG FOR INDICATORS 2.50EA

P 4 COMPUTER

MFG. BY SPERRY GYROSCOPE CO. THIS UNIT WAS GIVEN MUCH OF THE CREDIT FOR THE SUCCESS OF THE B-29 BOMBER SQUADRONS. CONSISTS OF AN INTRICATE OPTICAL SYSTEM MFG. BY EASTMAN - KODAK THAT INCLUDES TWO PERISCOPE THAT REVOLVE, ONE 22" OTHER 68" AND ARE INTERCHANGEABLE. THE MAIN UNIT IS 35x25x11 AND CONTAINS VARIOUS TYPES OF SMALL 24 VOLT DC MOTORS, PRECISION SEXTANT, SWITCHES, GEARS CAMS, BEARINGS AND THOUSANDS OF OTHER PARTS. SHIPPING WT: 250 LBS. PRICE: UNUSED \$59.50



FLUORTEST

DAQO FLUORTEST USED TO TEST 4 OR 6 WATT FLUOR-ESCENT LAMPS 60, 120, 200 AND 400 CYC. TESTS POWER SUPPLY, FIXTURES LAMPS, STARTERS, REACTOR

CONTAINS 2 1/2" MILLIAMPER METER AND SET OF CORDS. OPERATES FROM 110 VOLTS 60 CYC. WT. 15 LBS. SIZE: 7x13x15 \$8.95

MICROWAVE GENERATOR



TS-147B/UP MICROWAVE SIGNAL GENERATOR PORTABLE UNIT DESIGNED TO TEST AND ADJUST RADAR, RECON AND MICROWAVE COMMUNICATION SYSTEMS OPERATING IN THE FREQUENCY RANGE OF 8500 TO 9600 MC.

PROVIDES EITHER FM OR CW TEST SIGNALS OF KNOWN POWER LEVEL & FREQUENCY. THIS UNIT CONTAINS A DIRECT READING FREQ. METER AND POWER LEVEL METER WHICH POWER REFERENCED TO ONE MILLIWATT (DBM). USED TO MEASURE THE FREQ. AND POWER LEVEL OF THE INPUT AND OUTPUT SIGNALS. SPECTRUM WIDTH, FREQ. CHANGE, RECOVERY TIME AND STANDING WAVE RATIO. CAN ALSO BE MODULATED EXTERNALLY. OPERATES FROM 115 VOLT 50-1600 CYCLES. LESS CABLES, PLUGS, ADAPTER, PICK UP HORN. SIZE: 11x18x12 1/2; WT: 35 LBS. USED TS-147B/UP SIGNAL GENERATOR AS PHOTO \$59.50 TS-147A/UP " " SIMILAR TO " " 49.50

WAVEMETER

TS-117 WAVEMETER; 2400 TO 3400 MC P/M 3 MC TRANSMISSION RANGE; P/M 6 MC. ABSORPTION RANGE; 0-50 MICR OAMP METER D.C. IN218 CRYSTAL RECTIFIER, AS-23/AP ANTENNA, UG-57U, UG-131/U ADAPTERS AND CG-183/U CABLE. TUNING CAVITY WITH CALIBRATION CHART. WOOD CARRING CASE. SIZE: 8x6x6 1/2; WT: 10 LBS. PRICE: USED \$18.95 RE-NEW 24.95



TS-170/ARN-5 TEST OSCILLATOR 332.6 333.8 335.0 MC

BATTERY OPERATED, CRYSTAL CONTROLLED ON THREE PRESELECTED FREQUENCIES, 90 & 150 CYCLE MODULATION; USED TO ALIGN GLIDE PATH RECEIVER & DETERMINE SENSITIVITY 2", 0-1 DC MILLIAMPERE METER FOR MEASURING CIRCUITS. HOUSED IN ALUMINUM CARRING CASE 12x9x8, WT: 12 LBS. PRICE: USED \$12.95



PRICE: USED \$12.95

1-199 TEST SET

DYNAMOTOR & HAND GENERATOR TESTER USED TO CHECK EQUIPMENT UNDER LOAD CONDITIONS. INPUT VOLTAGE READINGS 0-60 VOLTS DC & 60 AMPS. D.C. OUTPUT VOLTAGES 0-1200 VOLTS D.C. & 600 MA. D.C. ALSO PERCENTAGE OF RIPPLE IN THE INPUT & OUTPUT, ALL SHOWN ON 3" RD. METERS ALSO CONTROLS FOR VARIING VOLTAGE & CURRENT UNDER LOAD. SIZE: 18x12x11; WT: 40 LBS. PRICE: USED \$29.50 NEW \$39.50



BC-638 FREQUENCY METER 100 TO 156 MC

CRYSTAL CONTROL ON FOUR PRE-SET FREQUENCIES; VARIABLE TUNING WITH MAGIC EYE CONTROL. USED WITH SCR-522 AND OTHER SETS. OPERATES FROM 115 VOLT 60 CYCLE ALSO PROVISIONS FOR BATTERY OPERATION AND HAS BELCONTAINED MODULATOR. RACK PANEL MTG. 19" x7x9; WT: 35 LBS. PRICE: USED \$12.95



PRICE: USED \$12.95

1-177 TUBE CHECKER

USED \$29.95

PORTABLE DYNAMIC MUTUAL COND-TANCE TYPE WITH 3" METER FOR INDICATING GOOD, BAD OR QUEST IONABLE ALSO GASES, SHORTS & NOISE. WILL CHECK 4 TO 7 PIN LARGE, SMALL, OCTAL, LOCTAL, ACORN ETC. WITH CHART FOR TUBES BEFORE 1953 LATER TYPES SEE BELOW. SIZE 5 1/2x15 1/2x8 1/2; 16 LBS



1-177 TUBE CHECKER ADAPTER; NEWLY MANUFACTURED UNIT TO REPLACE THE MX-949/U MILITARY TYPE. HAS SOCKETS TO TEST 7&9 PIN MINIATURE, OCTAL, LOCTAL, NOVOR AND COMPACTRON TUBES. PIN PLUGS ARE USED FOR THE TUBE SET-UP. \$26.50 BIGELOW 1-177/MX-949 SPEC. ADAPTER 1-177 SERIES TUBE SET-UP CARDS FOR USE WITH THE ABOVE DESCRIBED ADAPTER TO CHECK THE MORE MODERN TYPE TUBES. MANY TYPE ARE NOW SET UP AND YOU GET A ONE YEAR TUBE DATA SUBSCRIPTION FOR ADDITIONAL TYPES. ORDER BIGELOW 1-177 CHART.... \$4.99



TESTER ASSEMBLY T-101001

STABILIZATION TEST SET FOR AUTO-MATIC PILOT. CONTAINS A 2 1/2" AC METER WITH CENTER SCALE 50-0-50 & 15-0-15, 5 POSITION METERING SWITCH FOR RANGE & 11 POSITION SWITCH FOR MEASURING VOLTAGE FROM THE EXTERNAL PIN-JACKS ON CONN. PLUG. ALSO HAS 7 TOGGLE SWITCHES, 4 LIGHTS, 2/6AL5 & 1/2C51 TUBES. IN ALUMINUM CARRING CASE. SIZE: 13x11x11. WT: 22LBS. PRICE: USED \$6.95



MD-16/TPS-3 MODULATOR FOR TPS-3 RADAR SET. P3E EMIS-SION, RESONANT CHARGING SYSTEM & TYPE E LINE WHICH IS DISCHARGED THROUGH SPARK GAP AND PULSE TRANSFORMER. 8 KV OUTPUT, 500 OHM IMPEDANCE, PULSES 200 PER SECOND, 1/2 SECOND DURATION, WITH TUBES 2/705 & 1/1832/532. OPERATE 115 VOLTS 400 CYCLE AND WAS USED WITH APPROX. 600 MC RADAR SET. SIZE: 12 1/2x14 1/2x11 SHPG. WT: 125 LBS. PRICE: NEW... \$9.95

ALTIMETER TEST SET

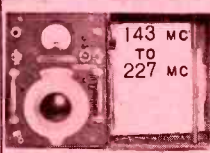
TS-10B APN

USED FOR CHECKING SENSITIVITY, TUNING, ANTENNA SYSTEMS, CALIBRATION AND LIMIT CALIBRATIONS OF ALTIMETERS. CONTAINS 370 FT & 70 FT 58OHM RG-54A/U COAXIAL CABLE DELAY LINES, L-101 COAXIAL ATTENUATOR, 10-98 INDICATOR, 2/8 FT 1/20" 1/12" OF RG-8 52 OHM COAXIAL CABLE WITH PL-259 CONNECTOR EA. END AND 4/SO-239 CONNECTORS. COMPLETE IN CARRING CASE 19x15x7 WT 36 (SEE PAGE 5 FOR COAXIAL CABLE & CONN. ONLY) PRICE: USED \$15.00 UNUSED \$18.00



1-61 TEST SET FOR TRANSMISSION MEASURING

PORTABLE BATTERY OPERATED UNIT USED TO MEASURE LOSSES OR GAINS IN CIRCUITS OR APPARATUS. AUDIO OSCILLATOR FREQUENCIES OF 500, 1000 AND 2500 CYCLES WITH LEVELS OF -40DBM, -20 DBM OR 0 DBM INTO A 600 OHM LOAD, THE RECEIVING AMPLIFIER IS CALIBRATED TO MEASURE LEVELS FROM A 600 OHM SOURCE BETWEEN -50 DBM & 15 DBM IN STEPS OF 0.5 DBM OVER THE FREQUENCY RANGE OF 100 TO 10,000 CYC THE 0 DBM IS ONE MILLIWATT IN 600 OHMS. UNIT ALSO CONTAINS A EE-8B FIELD TELEPHONE, BATTERY OPERATED ASSY. WITH A TS-9 HANDSET. AND BE PURCHASED WITHOUT THIS ASSEMBLY. COMES IN WOOD CARRING CASE 18 1/2x10 1/2x11; WT: 47LB PRICE, COMPLETE WITH TELEPHONE ASSY & TS-9 Used \$29.95 RE-NEW \$39.50 LESS TEL. ASSY " 19.95 " " 29.50



BC-906 FREQUENCY METER; ABSORPTION TYPE USING THE DIP OF A 500 VDC MICROAM-METER 2" FOR FREQ. INDICATION. REQUIRES BATTERIES FOR OPERATION. WITH ANTENNA 4" DIAL ETC. SIZE: 6 1/2x12x10 WT: 20 LBS. USED \$9.95

URC-4 TEST SET

TS-684/URM-30 ANALYZER FOR URC-4 RADIO SET, ALIGNMENT AND TESTING CONTAINS 0-1 MA METER, METERING SWITCH, CRYSTAL OSCILLATOR, ANTENNA CABLES ETC. IN METAL CARRING CASE. SIZE: 6x6x4; WT: 4 LBS. NEW \$8.95



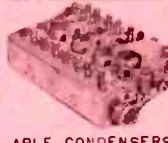
U.H.F. TUNERS

ULTRA HIGH FREQUENCY ASSY. TUNING UNIT USING 2C39 TUBE AS DRIVER AND A 2C39 AS A POWER AMPLIFIER, FREQ. OUTPUT 225-350 MC., 6F4 TUBE OSCILLATOR 112-175 MC. AND 6F4 DOUBLER CIRCUIT, TUNED CIRCUITS ARE GANGED FOR SINGLE KNOB CONTROL. ALSO HAS HAYDON 4.5 V. 75 MA. 12R.P.M. TIMER MOTOR. REMOVED FROM ARC-12 EQUIPMENT. SIZE: 10x6 1/2x4; WT: 7 LBS. #KS10362 PRICE: LESS TUBES \$3.95



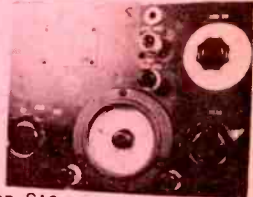
ULTRA HIGH FREQUENCY TUNER;

CONSISTS OF REC. R.F. AMPLIFIER MIXER, AND H.F. OSCILLATOR 225-350 MC. OUTPUT TO I.F. 15.1 MC., USES 6/6AK5 AND 1/12 AS6 TUBES, ALSO CRYSTAL BETWEEN 13 AND 41.5 MC., VARIABLE CONDENSERS ONE FOUR GANG 4-24 MMFD PER SECTION, OTHER 4 GANG 3 SEC. 4-25 AND ONE SEC. 5-41 MMFD, SINGLE DIAL CONTROL. REMOVED FROM ARC-12 EQUIPMENT. SIZE: 8 1/2x5x3; WT: 4 LB STK# KS-10329 PRICE: LESS TUBES \$2.95



TS-36/AP X BAND RADAR

POWER METER; GENERAL PURPOSE TEST INSTRUMENT USED FOR CHECKING RADAR SETS IN THE X BAND. W/O-200 DC MICROAMP METER, 3/8" RD. BATTERY OPERATED. ALSO HAS SQUARE WAVE GUIDE ATTACHMENT SAME AS USED ON TS-35 X BAND SIG BAND SIGNAL GENERATOR. SIZE: 9x7x6 WT; 9 LBS. PRICE: LIKE NEW \$9.95



LAF-2 R.F. SIGNAL GENERATOR USED FOR ALIGNING, TESTING AND SERVICING OF RADAR & ELECTRONIC EQUIPMENT IN THE 90 TO 700 MC. RANGE, PULSE EMISSION, VOLT OUTPUT 0-100,000 MV. IMP. INPUT 10M OHMS, OUTPUT 50 OHMS, PULSE DELAY 3-300 USEC. DURAT ION 2-300 USEC. REP. RATE 60-2500 PPS. ACC. 1%. SIZE: 13x11x18; WT: 75 LBS. PRICE USED \$75.00

LS-1 SIGNAL GENERATOR, 90- 95 MC CRYSTAL CONTROL, 0-50 MICROAMP. METER 3/8", BATTERY OPERATED 3/BURGESS 5308; 45 VOLT TAPPED 22 1/2 & 2/5360; 4 1/2 V. & 2/4FA; 1 1/2 VOLT. WITH TUBES 2/3A8, 1/1Q5 & 1/1N5. UNIT ALSO HAS A AUDIO OUTPUT. SIZE 12x12x11; WT: 20 PRICE: \$18.95



OAP/CHZ-60ABN WAVEMETER-OSCILLATOR

140 TO 240 MC. R.F. VTVM CIRCUIT WITH 6E5 MAGIC EYE INDICATOR TUBE. SO-239 CONNECTORS FOR INPUT CIRCUITS, WAVEMETER, V.T.V.M. OUTPUT OSCILL. OSCILL. CALIB. 50 OHM NON-INDUCTIVE LOAD. 115 VOLT 50-70 CYC SIZE: 9x15x10; WT: 35 LBS. PRICE: USED WITH CALIBRATION CHART \$14.95



COMPUTER AMPLIFIER SYSTEM CONTAINS FIVE SPERRY SYNCHRO TRANS. PT#662426-3 CONNECTED BY GEARS TO DIALS, FOUR AMPLIFIER CHASSIS WITH 2/6J6 TUBES EACH, 3" NULL METER 10X0-10, CABLE AND ADAPTER IN ALUM. CARRING CASE 6 1/2x10x10; WT: 35 LBS. STK#T-101023 PRICE: \$22.95



C-113/TRA-2 CONTROL UNIT, USED FOR REMOTE CONTROL OF T-14/TRC-1 TRANSMITTER, OPERATES FROM 115/230 V 60 CYCLE SUPPLIES 56 VDC @ 130 MA. FOR OPERATION OF MIC. & PHONE CIRCUITS UP TO 2 MILES FOR INTERCOM FROM A TWO WIRE CIRCUIT. WITH PORTABLE CASE, CABLES, RELAYS ETC. SIZE 14x9x12; WT: 30 LBS. PRICE: UNUSED \$4.95



STROWGER RELAY

STROWGER STEP BY STEP RELAY ASSEMBLY IS USED IN CENTRAL OFFICE DIAL TELEPHONE EXCHANGE. THIS IS THE HEART OF THE DIAL TELEPHONE SYSTEM AS IT HAS THE TEN STEP BANK SELECTION AND 10 STEP LINE SELECTION TRUNK LINE SENSING MECHANISM WITH NECESSARY HOLD AND RELEASE RELAYS. (THE BANK OF ROTARY STEPPING SWITCHES IS NOT PART OF THIS ASSY) SIZE 14x5x7; WT: 13 LBS. WE#ED55242-31G1
PRICE: USED \$5.95



TELEPHONE BANK

TELEPHONE RELAYS FOR LINE USE. OPERATES FROM 48 VDC, 1000 OHM Z A SINGLE CONTACT, 500 OHM Z BB DOUBLE CONTACT, 20 OF EACH RELAY MOUNTED FOR 26" RACK. SHPG. WT: 35 LBS. REMOVED FROM EQUIPMENT. PRICE 40 MOUNTED RELAYS \$9.50 EACH RELAY 35¢

MULTIPLEX

PHILCO SIGNALING & TERMINATION UNIT CST-2 STANDARD 19" RACK AND IS USED IN MULTIPLEX SYSTEMS FOR TRANSMISSION OF NORMAL DIAL OR RINGDOWN SIGNALING AND TERMINATES THE FOUR-WIRE CIRCUIT OF THE MULTIPLEX INTO THE TWO-WIRE TELEPHONE CIRCUIT. A 3.5 KC OSCILLATOR TONE IS USED FOR SIGNALING WITH THE USE OF HYBRID COILS AND T PAD ADJUSTMENTS PROPER ATTENUATION OF THE VOICE LEVEL IS MAINTAINED. OPERATES FROM 115 VOLT 60 CYC AND IS COMPLETE WITH 2/12AU7 TUBES, FOUR RELAYS AND INSTRUCTION BOOK. COND. UNUSED. SIZE: 4x19x12; SHPG. WT. 50 LBS. \$9.95

BC-223 TRANSMITTER



BC-223 TRANSMITTER; 25 WATT, CW, MCW, VOICE, CRYSTAL CONTROL ON 4 PRESELECTED CHANNELS IN THE FREQ. RANGE OF 2000-5200 Kc. BY USE ON 3 PLUG-IN TUNING UNITS (USES FT-171 CRYSTAL) & VARIABLE OSCILLATOR, USES TUBES 801 OSCILLATOR, 801 POWER AMP. 2/46 MODULATORS & 46 AUDIO AMPLIFIER VOLTAGE REQUIRED 12/24 VDC & 500 VDC @ 150-200 MA. 0-3 RF METER & 0-300 VDC MA. METER 2 1/2". SIZE: 18x13x7; WT: 40 LBS. WITH 1 TUNING UNIT. PRICE: TRANS. w/TUBES NO TUNING UNITS \$24.95

TU-17 TUNING UNIT 2000-3000 Kc. NEW \$4.95
TU-18 " " 3000-4500 Kc. " 3.95
TU-25 " " 4500-5200 Kc. " 3.95
CS-56 STEEL CASE FOR HOUSING TUNING UNIT 1.00
FT-173 MOUNTING WITH SHOCKMOUNTS 2.00
SPECIAL SPECIAL SPECIAL SPECIAL
BC-223 TRANSMITTER WITH 3 TUNING UNITS, IN CASE FT-173 MOUNTING AND TUBES..... \$35.00
PL-150 POWER PLUG CONNECTOR TRANS/PS. EA. 2:50
PE-135/PE-55 DYNAMOTOR 12/24 VOLT USED 12.95
PE-125 VIBRATOR P.S " " 12.95
AC POWER SUPPLY KIT OF PARTS \$25 WIRED 29.95

AUTO CONTROL

ELECTRIC AUTOTUNE ASSEMBLY THAT OPERATES FROM 115 VOLT 60 CYCLE, 1/100 HP CAPACITOR TYPE MOTOR WITH AUTOMATIC GEAR & RACHETT ASSEMBLY THAT ENABLES YOU TO PRE-SET MOTOR ANY 10 POSITIONS IN 360 DEG. UNIT IS GEARED TO A TWO DECK 12 POSITION CERAMIC WAFER SWITCH THAT TERMINATES INTO A PLUG-IN SOCKET. TAKE OFF OF POWER CAN BE MADE AT BACK OF MOTOR OR CERAMIC SWITCH MAY BE REMOVED. ADJUSTMENTS FOR STOPS ARE MADE AT THE MOTOR AND THE CONTROL PANEL CAN BE LOCATED AT A REMOTE POSITION WHERE THE MOTOR STOP CAN BE SELECTED, PANEL ALSO HAS LIGHT DIMMER CONTROL AND LOCAL & REMOTE POSITION SWITCH. PART OF RDZ AUTOTUNE, COLLINGS#596A RDZ#23491 SIZE: 9x4x6, WT: 7 LBS. PRICE: NEW \$5.95

MD-34/ARA-8 MODULATOR KEYING UNIT AUTOMATIC HOMING KEYING ASSY. THAT OPERATES FROM 24 VDC MOTOR THAT IS CONNECTED TO A WORM GEAR WHICH ACTUATES THE CODED WHEEL THAT INTERRUPTS THE SIGNAL AND TRANSFERS FROM ONE ANTENNA TO ANOTHER. ALSO HAS RELAY AND THREE SO-239 TYPE COAX. CONN. CAN BE USED AS A REMOTE ANTENNA CHANGE-OVER. SIZE: 3x10x4 1/2; WT: 5 LBS. PRICE: USED..... \$1.95



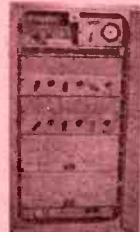
TP-7 REPEATER, VOICE FREQUENCY FOR USE ON FOUR WIRE LINES AS A THROUGH OR TERMINAL REPEATER. CONSISTS OF TWO, TWO-STAGE AMPLIFIERS THAT THE INPUTS AND OUTPUTS CAN BE SWITCHED FROM 300, 600 OR 1200 OHM IMPEDANCE.

COMPENSATING CONTROLS FOR VARIATION OF TRANSMISSION LOSSES DUE TO THE LINE AND TO ALLOW ADJUSTMENTS IN ORDER TO OBTAIN A FLAT FREQ. RESPONSE. EACH AMPLIFIER HAS A OPERATING GAIN OF 35 DB AT 1000 CYCLE, OR A POWER LEVEL OF 20 DB. OPERATES FROM 12 VDC OR 110 V. 60 CYCLE. FOR PORTABLE USE OR RACK MOUNTING. SIZE: 19x9x20; WT: 40 LBS. UNUSED \$12.95



TG-30 REPEATER, TELEGRAPH TERMINAL FOR TRANSMITTING OR RECEIVING ON A HALF DUPLEX ONE CHANNEL OPERATION. CAN BE USED TO INTERCONNECT NEUTRAL AND POLAR ENTRIAL OR TWO PATH POLAR

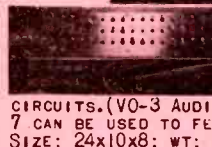
TELEGRAPH OR TELETYPEWRITER SYSTEMS ON SIMPLEX OR COMPOSITED RETURN CIRCUITS. SPEED 60/66. OPERATES FROM 115/230 V. 50/60 CYC & 115 VDC SHIPPED IN WOOD CHEST 25x16x14; 175 LBS PRICE: USED \$12.95 RE-NEW \$16.95



TELEGRAPH REPEATER WE#61824A, TWO COMPLETE UNITS WITH RECTIFIERS THAT OPERATE FROM 115 V. 50-60 CYCLE. THE REPEATERS ARE DESIGNED TO OPERATE AT TELETYPE SPEEDS, OPEN WIRE COMPOSITED OR SIMPLEX CIRCUITS, 2 PATH POLAR OR OTHER FORMS OF TRANSMISSION. METERING, PATCHING JACKS, TESTING, MONITORING AND ADJUSTING CONTROLS ARE ALL AVAILABLE ON THE FRONT PANELS.

THE UNIT IS HOUSED IN A METAL CABINET WITH A HINGED DOOR FRONT & BACK. SIZE: 22 1/2 x 17 x 42; WT: 200 LBS. RE-NEW PRICE: LESS PLUG-IN RELAYS RE-NEW \$19.95 WITH " " " RE-NEW \$34.95

SWITCHBOARD

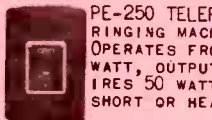


BD-57 SWITCHBOARD FOR SCHOOL CODE PRACTICE. 20 CORDS & PLUGS WITH 60 JACKS FOR SWITCHING STUDENT AND SUPERVISORY CIRCUITS. (VO-3 AUDIO CODE OSCILLATOR ON PAGE 7 CAN BE USED TO FEED THE TONE TO THIS BOARD) SIZE: 24x10x8; WT: 35 LBS. USED \$9.95



MODEL 14AT TELETYPE TYPING UNIT, USES 3/8" TAPE THIS EQUIPMENT WAS RECENTLY TAKEN OUT OF SERVICE AND WAS OPERATING AT THE TIME BUT IS NOT GUARANTEED TO BE IN OPERATING CONDITION. SIZE: 15x15x15; WT: 100 LBS. PRICE: \$49.95

PAPER TAPE 3/8" FOR TELETYPE MACHINES, NOT GUMMED, 30 ROLLS \$3.00/60 ROLLS \$5.00



PE-250 TELERING GENERATOR INTERRUPTER RINGING MACHINE FOR TELEPHONE LINES. OPERATES FROM 110 VOLT 60 CYCLE 50 WATT, OUTPUT 90 VOLT 20 CYCLE, REQUIRES 50 WATT LAMP FOR INDICATING SHORT OR HEAVY LOAD. 8 1/2 x 4 x 12; 15 LBS. USED \$9.95

USED \$3.95

PORTABLE REPEATER

EE-89 TELEPHONE REPEATER; PORTABLE BATTERY OPERATED, 2 WAY LINE UNIT, CAN BE USED AS TERM. OR INTERMEDIATE AMPLIFIER, USES ONE 3Q5GT TUBE, INCLUDES HEADSET ELEMENT FOR MONITORING AND GAIN CONTROL, BATTERY VOLTAGE REQUIRED 1.5 & 90 VDC. IN WOOD CASE w/CARRING STRAP. SIZE: 6x9x8; WT: 12 LBS.



SONAR DRIVER; 17 TO 26 Kc. C.W & F.M EMISSION ONE BAND, 400 WATTS, INPUT 440 VOLT 60 CYCLE 3PHASE, TRANSFORMERS CAN BE REMOVE FOR 1 PHASE, USES 6/866, 2/803, 1/801 TUBE NAVY # CRV-52329. SIZE: 17 1/2 x 48 x 24 1/2 SHPG. WT: 450 LBS. PRICE: WITH TUBES.... \$59.50 " " " 35.00



SELECTOR CONTROL ASSEMBLY AS USED IN R-278 RECEIVER AND T-217 TRANSMITTER. UNIT CONTAINS 33 NUMBERED THUMB-IT WHEEL WAFER SWITCHES WHICH CAN BE MOUNTED SINGLY OR IN BANKS, 23 1/2 CONTACT, 10 19 CONTACT, ALSO 4 A.C. RELAYS ON A 10 CHANNEL GEAR TRAIN WITH 115 VOLT 60 CYCLE MOTOR, CHANNEL SELECTOR SWITCH, RESISTORS CONDENSERS ETC SIZE: 16x9x9; WT: LBS. USED w/MOTOR \$12.95 LESS MOTOR \$8.95



THERMO-GRIP ELECTRIC SOLDERING IRON MFG BY IDEAL INDUSTRIES, MODEL 5C. OPERATES FROM 115 VOLT 60 CYCLE 10 AMPS. OUTPUT OF TR TRANSFORMER IS 3-4 VOLTS AC, 2-300 AMPS. PLIER ATTACHMENT IS

INTENDED TO BE USED FOR SOLDERING LUGS UP TO 150 AMPS OR COPPER PIPE UP TO 3/8". PLIER IS 12" LONG AND CABLES 52". WITH SUITABLE ATTACHMENTS TRANSFORMER CAN BE ALSO USED FOR HEAVY SPOT SOLDERING AND ETCHING. WT: 30 LBS. PRICE WITH CARRING CASE \$19.95

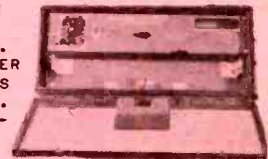


THERMO-GRIP MIDGET SIZE SOLDERING PLIERS IDEAL NO. 12-023. THESE

PLIERS ARE ONLY 9" LONG AND HAVE A 54" CABLE WITH CONNECTORS AND IS INTENDED TO BE USED WITH A 300 WATT TRANSFORMER FOR LIGHTER WEIGHT WORK. WT: 2 LBS.

PRICE: CABLE & PLIERS ONLY \$2.95

BC-1141 MINE DETECTOR AMPLIFIER AS USED IN SCR-625 MINE DETECTOR. HAS SENSITIVE AMPLIFIER & TONE SYSTEM THAT WAS USED TO DETECT METALS. OPERATES FROM 2 FLASH-LIGHT & 93 VOLT DRY CELLS. COMPLETE WITH TUBES 2/1N5GT & 1/1G6GT, LESS BATTERIES. SIZE: 14x6x5 WT: 10 LBS. PRICE: USED \$3.95



BC-611 TEST SET

IE-17 TEST EQUIPMENT USED FOR TESTING & ALIGNMENT OF REC-TRANS, TESTING CRYSTALS AND MEASUREMENT OF VOLTAGE OF BATTERIES BA-37 & BA-38. CONSISTS OF THE FOLLOWING 1-135 TEST UNIT IN CASE WITH HINGED COVER & HANDLE CONTAINS MICROPHONE, EARPHONE, MULTIRANGE 3" METER FOR CHECKING 0-3 & 0-150 VDC 0-1.5/15/60/600 MA DC & 0-60 VAC WITH MASTER SWITCH, RF & AUDIO OSCILLATOR CRYSTAL TEST & BATTERY COMPARTMENT ALSO CABLE HARNESS. CS-81 TEST CASE WHICH IS THE SAME SIZE AS THE BC-611 AND IS USED TO HOLD THE CHASSIS UNDER TEST, HAS PRESS TO TALK SWITCH AND AND ALIGNMENT OPENINGS. (NO MIC OR EARPHONE OPENINGS.) FT-252 TEST STAND FOR HOLDING CS-81 CASE & A-82 PHANTOM ANTENNA WHICH CONSIST OF A 3" 0-40 MA. RF METER, VARIABLE COND. & REC.-TRANS. SWITCH MOUNTED ON A BAKELITE PANEL. COMPLETE UNIT AS DESCRIBED ABOVE WITH INSTRUCTION MANUAL AND WOOD CHEST SIZE: 19 x 16 x 9 ALL IN NEW CONDITION. SHPG. WT: 44 LBS

PRICE: \$18.95

VISUAL FLASH LAMP

USED BY AIRCRAFT OR GROUND UNITS FOR IDENTIFICATION PURPOSES. DESIGNED TO DELIVER EXTREMELY BRIGHT FLASH OF LIGHT 1/2 SEC. WHICH CAN BE SEEN BY AIR IN BRIGHT SUNLIGHT FOR 3 MILES OR 1 MILE ON THE GROUND. AVAILABLE FOR 6, 12 OR 24 V. OPERATION. CONSISTS OF A HIGH VOLTAGE CONVERTER USING A VIBRATOR TYPE POWER SUPPLY, PENNSYLVANIA TUBE #1073. COMPLETE WITH 20 FT. CABLE SPARE PARTS & MANUAL. IDEAL FOR BOATS, PLANES, AUTO BOAT LANDINGS, COTTAGES, PHOTOGRAPHIC WORK ETC. (CAN BE OPERATED FROM 115 VOLT BY USING OUR D.C. POWER SUPPLIES LISTED ON PAGE 7) SIZE: 17x10 1/2x4 1/2; WT: 50 LBS. UNUSED \$29.50

ART-13 TRANSMITTER

100 WATT AIRCRAFT AUTOTUNE TRANSMITTER
 MAKES A VERY SATISFACTORY AMATEUR UNIT FOR 80 40, 20 AND 10 METERS. THE AUTOTUNE FEATURE PERMITS YOU TO PRESET THE FREQUENCY DESIRED ON ANY 10 PRESELECTED CHANNELS. (FOR CONVERSION INSTRUCTIONS SEE MANUALS #2 & #3 \$3.00 EA. TUBE LINEUP 1/837, 1/813, 2/1625, 1/12S7, 2/6V6, 2/811, 2/12SL7, 1/12SA7. VOLTAGE REQUIRED 28VDC 10AMP, 400VDC, 225MA & 1250VDC 250MA. SIZE: 23x16x11 1/2 WT. 70 LBS. PRICE: USED \$59.50
 CONNECTOR PLUGS FOR TRANS. U/7 & U/8 \$2.50 EA. DYNAMOTOR FOR ART-13 WITH FILTERS & RELAYS 28VDC INPUT. PRICE: USED \$12.95
 NEW

CONNECTOR PLUGS FOR DYNAMOTOR U-9 OR U-10 EACH \$2.50
 CU-24/ART-13 ANTENNA SHUNT CAPACITOR CONSISTS OF 3 CAPACITORS 25MHF 10KV PRICE USED \$1.00

O-17/ART-13 LOW FREQUENCY OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 TUBE. ALL OPERATING VOLTAGES ARE OBTAINED FROM THE TRANS. POWER SUPPLY. SIZE 5 1/2x5 1/2x9; WT 4 LBS. USED \$5.95

SA-22/ART-13 ANTENNA SWITCHING UNIT CONTAINS A BENDIX VACUUM RELAY LM-26G, 24VDC, 2 POSITION CERAMIC SWITCH & 4 LARGE INSULATORS SAME AS USED ON TRANSMITTER, ALSO SO-239 COAX. CONNECTOR. SIZE: 11x7x7 WT 10 LBS
 PRICE: NEW \$4.95

VARIOMETER COIL FOR ART-13 L-112, ROTOR & STATOR COILS WITH GEARED COUPLING. 4x5x3; 2LB. USED \$1.95
 RELAY, OUTPUT CIRCUIT SELECTING, 24 VDC #K105 6x2x3; 2 LB. USED \$2.95

ART-13 AUDIO SPEECH AMPLIFIER CONTAINS TWO 6V6GT & ONE 12SJ7 TUBES, CAN BE USED FOR CARBON OR DYNAMIC MIC. SIZE: 7x4x3 1/2; WT: 4 LBS, USED STK #2C254 PRICE \$5.95

ART-13 CF1 CALIBRATION FREQUENCY INDICATOR & MCW OSCILLATOR ASSY. USED TO PROVIDE A CONSTANT CRYSTAL CONTROLLED STANDARD OF 200 KC. IN ORDER THAT FREQ. CAN BE CHECKED ALSO 1000 CYCLE TONE. WITH 200KC. CRYSTAL & 2 TUBES SIZE 6x5x3 WT. 3 LBS STK. #801 PRICE USED \$6.95

POWER AMPLIFIER & SWITCHING ASSY. FOR ART-13. CONTAINS COILS L-114, 113, SWITCHING DEVICE 113B, C,D, CONDENSERS ETC. USED SIZE 8 1/2x5 1/2x3 1/2; WT: 4 LBS. \$4.95

FREQUENCY MULTIPLIER CONTAINS, 2/TUBE SOCKET, CERAMIC CONDENSERS, SWITCHING DEVICE, RESISTORS ETC. (SOME INSULATORS OR TUBE CAPS MAY BE MISSING. USED, REMOVED FROM ART-13. SIZE 6x2x2 1/2; WT: 5LB. \$6.95

SN-17/APS-10 SYNCHRONIZER, \$9.95 TRANSMITTER & RECEIVER ALSO SWEEP AND CONTROL CIRCUITS FOR THE INDICATOR. GENERATES CONTROL FOR THE PULSE RECURRENCE RATES OF 410 TO 820 CPS AND RANGE MARKS OF 0-4-25 MILES. SIZE 8x6x13; WT: 30 LBS.

TEST SET
 TS-3A/AP RADAR FREQUENCY METER 2400 TO 3400 MC USING A TUNEABLE CAVITY ALSO HAS 3" METER FOR TESTING POWER OUTPUT, 0-2 MA. MOVEMENT 0-20 SCALE. USED WITH SCR-717/720 RADAR SET. WITH CABLES, TEST LAMP, COMPUTER RULE ETC. SIZE: 8 1/2x8 1/2x8 1/2; WT: 25 LBS. PRICE: UNUSED \$9.95

AIRPORT MARKER BEACON 75MC TRANSMITTER RECEIVER

CDE-52326 NAVY MODEL MARKER BEACON TRANSMITTER PORTABLE UNIT THAT OPERATES FROM 115 VOLTS 60CYC WHICH TRANSMITS A KEYED OR A CONTINUOUSLY MODULATED SIGNAL VERTICALLY IN A BALLON-SHAPED PATTERN ON 75MC. USED AT AIRPORT LANDING FIELDS RUNWAYS IN CONJUNCTION WITH MARKER BEACON RECEIVERS THAT ARE INSTALLED IN THE PLANE THUS ENABLING THE PILOT TO KNOW WHEN HE IS OVER THE RUNWAY. (IN CONJUNCTION WITH HIS OTHER INSTRUMENTS.) WATTAGE OUTPUT (1) ONE WATT, MASTER OSCILLATOR & MODULATED CW, 400CPS, 1300CPS, 3000CPS TUBE LINEUP 4/6V6, 2/6SN7, 1/6SR7, 1/6S, 2/VR150, 30 & 1/5Y3. COMPLETE WITH TUBES & DIPOLE ANTENNA & OPERATING MANUAL. SIZE: 17 1/2x10x11 WT 35 LBS PRICE UNUSED \$29.95

BC-1333 MARKER BEACON RECEIVER 75MC. USED TO RECEIVE SIGNALS FROM ABOVE TRANSMITTER. WHEN SIGNAL IS RECEIVED IT OPERATES A RELAY IN THE RECEIVER WHICH IN TURN CAN BE USED TO OPERATE SIGNALS, LIGHTS, MOTORS, TURN ON EQUIPMENT ETC. VOLTAGE REQUIRED 24VDC. COMPLETE WITH TUBES 1/12SN7, 1/6SH7, 1/6SL7 SIZE: 3x5 1/2x5 1/2 WT. 3 LBS. PRICE: USED \$2.95

C-1 CONTROL BALLISTICS BOX; FOR BOMBING NAVIGATIONAL COMPUTER PT# 654573; HAS 4 DIALS WITH CONTROLS CONNECTED BY GEARS TO AUTOSYN RESOLVERS SPERRY #6624-28 SIZE 1 1/2x1 1/2 5 EA. #662426 1 1/2x2 EA. #5663478 3x2 1/2 2 EACH. ROTARY BAND SWITCH 4 DECK 10 POS. SIZE 9x12x8; WT: 20 LBS. \$7.95

AMMUNITION FIRE CONTROL POWER DISTRIBUTION PANEL 171E608G1 & 519E147G1; TWO DIALS THREE GEAR CONTROL, 2 THREE DIGIT COUNTERS WITH MANUAL RESET AND HOLD 24 V OPERATION, 7 SWITCHES, TERMINAL STRIPS ETC. SIZE: 11x11x5; WT: 15 LBS. PRICE: USED \$4.95

OSCILLATOR
 R.F. OSCILLATOR. PART OF GKA-1 EQUIPMENT. CONTAINS SEVERAL TYPES OF BAND PASS FILTERS, VARIABLE CONDENSER, TUBE SOCKETS TEST JACKS, RESISTORS 1%, CAPACITORS, 2/UG-88 BCN COAX. CONNECTORS, PILOT LIGHT, SWITCH, POTS ETC. OSCILLATOR FREQ. APPROX. 24 KC. SIZE: 12x12x4 1/2; WT: 13 LBS. USED \$1.95

SCOPE MONITOR CONVERTER
 CONVERTER-MONITOR PANEL ASSEMBLY CV-399/GPA23 PART OF COMPUTER SYSTEM. CONTAINS A GOOD 3" SCOPE FOUNDATION ASSY. USING 3CP1A C.R. TUBE MOUNTED ON A PANEL 10" x 12". SCOPE PANEL HAS 0-100 VERNIER DIAL 1 1/2" PLUS CENT, FOCUS CONT. SWITCHES ETC. THE MASTER PANEL HAS 10 SEPARATE SUB-PANELS WITH LOADS OF CONDENSERS, RESISTORS TERMINAL STRIPS ALSO AUTOSYN, CONNECTORS, CONTROLS, TRANSFORMERS AND LOTS MORE. SIZE: 25 1/2x25 1/2x14; WT: 55 LBS. USED \$9.95

COMPUTER TEST PANEL PART OF GPA-23 COMPUTER SYSTEM HAS ONE SYNCHRO RECEIVER 23TR6 115 VOLT 60 CYCLE, SIZE 2 1/2"x4", CONNECTED TO 360 DEG. 5" INDICATOR DIAL, TWO AUTOSYNS AY-2015, 1 SIX POSITION 5 DECK ROTARY SWITCH, 6 PILOT LIGHTS, 10 TOGGLE SWITCHES VARIOUS TYPES, 5 BARRIER TERMINAL STRIPS, SOCKETS, POTS, CONDENSERS, RESISTORS. A REAL BONNANZA. SIZE: 17x8x11; WT: 17 LBS. PRICE: USED \$9.95

GP-7 TRANSMITTER

GP-7 NAVY AIRCRAFT TRANSMITTING, FREQUENCY COVERAGE 350 KC. TO 9050 KC. BY THE USE OF SIX PLUG IN TUNING UNITS, AM, CW & MCW OPERATION, 30-50 WATTS VOICE & 85 TO 125 WATTS CW DEPENDING ON THE FREQUENCY AND TYPE INSTALLATION. COMPLETE WITH TUBES 2/1616, 1/803, 1/801 1/843 & 1/5Z3, ANTENNA LOAD COIL, PILOTS & OPERATORS CONTROL BOX, COVER & MANUAL. SET OPERATES FROM 115 VOLTS 800 CYCLE AND 12 OR 24 VOLTS D.C. AS IT HAS ITS OWN SELF CONTAINED A.C. POWER SUPPLY. THE 2 1/2" METERS ARE USED FOR MEASURING PLATE, FILAMENT & OUTPUT THE SET IS CONSTRUCTED OF ALUMINUM AND FIVE TUNING UNITS HAVE CARRING CASES WITH SNAP-SLIDE COVERS AND CARRING HANDLES. TRANSMITTER SIZE: 23 1/2x11x13; WT: 50 LBS. TOTAL WEIGHT OF ALL THE EQUIPMENT, PACKED 200

PRICE FOR COMPLETE SET AS DESCRIBED. \$29.50
 GP-7 COMPONENTS INDIVIDUALLY PRICED
 CAY 52173 TRANSMITTER - POWER SUPPLY \$16.95
 PLUG-IN TUNING UNITS
 CAY 47150A R.F. UNIT 350-800 KC BAND 3.95
 " 47151B " " 800-1500 " " 3.95
 " 47155C " " 1500-3000 " " 4.95
 " 47152D " " 3000-4525 " " 4.95
 FOLLOWING TUNING UNITS HAVE ROTARY INDUCTORS
 " 47153E " " 4525-6500 " " 7.95
 " 47154F " " 6200-9050 " " 7.95
 " EMPTY CASES FOR THE ABOVE TUNING UNITS WITH SNAP COVER AND HANDLE 1.75
 " 47125 ANTENNA LOAD COIL 1.95
 " 23219 PILOTS CONTROL BOX 1.95
 " 23220 OPERATORS " " 2.95
 INSTRUCTION BOOK 7.50

T.R.F. RECEIVER

ACCESSORIES FOR T.R.F. RECEIVER CW-46048D
 CW-47204 COIL (DUAL) 540-830/2040-3000Kc \$1.75
 CW-47068 " 850-1330 " " 1.75
 CW-47069 " 1330-2040 " " 1.75
 CW-47070 " 2040-3000 " " 1.75
 CW-47072 " 4000-6000 " " 1.75
 CW-47075 " 9050-13,575 " " 1.75
 CW-23012 REMOTE TUNING HEAD 0-100 DIAL 1.75
 MC-124-51 FLEXIBLE SHAFT FOR REMOTE TUNE 1.75
 CW-23087 CONTROL BOX F/REMOTE USE 1.75
 CW-62017 JUNCTION BOX 1.75
 CW-46011 MOUNTING FOR RECEIVER (SHOCK) 1.00
 CW-22266 TEST METER 2 1/2" 0-35 MA D.C. 2.50
 SPARE TUBES: 3/78, 2/77 & 1/38223, SET \$3.00
 CW-23022 LOCAL TUNING KNOB (NONE W/REC) 1.00
 CW-21441 DYNAMOTOR 24 VOLT W/FILTER \$3.95
 CONNECTOR PLUGS TO FIT REC. (1) CONTROL BOX (1), DYNAMOTOR (1) JUNCTION BOX (4) SET OF (7) SEVEN \$5.00 OR EACH PLUG \$1.00

RC-58 FACSIMILE
 USED TO TRANSMIT AND RECEIVE MESSAGES ON 3/8" PAPER TAPE BY WIRELESS OR OVER WIRE THE UNITS ARE USED WITH A STANDARD A.M. TRANSMITTER AND RECEIVER THE SAME TYPE EQUIPMENT MUST BE USED ON BOTH ENDS OF THE SERVICE. MESSAGES ARE WRITTEN ON THE PAPER TAPE AND FED INTO THE MACHINE WHICH IS THEN TRANSMITTED TO THE RECEIVER ON THE OTHER END FED INTO THE MACHINE WHICH RECORDS ON THE PAPER TAPE. EQUIPMENT CONSISTS OF AMPLIFIER AND RECORDER. OPERATES FROM 12 VDC. SIZE: 11x10x11 & 14x10x9; WT: 75 LBS. USED PRICE: USED \$39.50 WITH 30 ROLLS TAPE.

SONOBOUY
 TRANSMITTER WITH PARACHUTE USED TO DROP FROM AIRCRAFT IN ORDER TO MARK LOCATIONS. SENDS MCW SIGNAL 70-90MC BATT. OPERATED WITH TUBES 3/1L4, 1/3Q4 & 1/3A4. WHEN UNIT IS DROPPED 6" RAYON PARACHUTE OPENS, WEIGHT ON BOTTOM OF SET IS LOWERED BY A SPINNER TYPE REEL & NYLON LINE THAT TURNS A PROPELLER STABILIZER AND CONTROLS THE RATE OF FALL. UNIT ALSO HAS A 40" FLEXIBLE WHIP ANTENNA AT THE TOP & A COIL TYPE DIPOLE ON THE BOTTOM. IN WATERPROOF CONTAINER 50" Lx7 1/2" DIA. WT 30 LBS. STK# AN/CRT-4 PRICE: \$9.95

POWER SUPPLIES

RECEIVER POWER SUPPLY & SPEAKER FOR THE FOLLOWING SETS
 R-23/ARC-5 BC-453 BC-342
 R-24/ARC-5 BC-454 BC-344
 R-25/ARC-5 BC-455 BC-348
 R-26/ARC-5 BC-946 BC-429
 R-27/ARC-5 RAX

COMPLETE WITH 6" DYNAMIC SPEAKER HOUSED IN A METAL CABINET WITH CONNECTING CABLE, PLUG, PHONE JACK, VOLUME CONTROL, BFO SWITCH ETC. IF REQUIRED, CAN ALSO BE USED FOR OTHER SETS. OUTPUT 200/250 VDC @ 90/60 MA. & 24 VAC @ 2A. INPUT 115 VOLT 60 CYCLE. SPECIFY FOR WHAT SET. SIZE: 10x10x6; WT: 15 LBS. NO. P.S.(SET NUMB.)
 PRICE; KIT OF PARTS \$15.00 WIRED \$18.95

BC-652 RECEIVER POWER SUPPLY WITH SPEAKER SAME AS ABOVE; KIT \$20.00; WIRED \$23.95



BC-603/BC-683 RECEIVER P.S. DESIGNED TO BE PLUG IN-TO THE SAME PLACE AS THE DYNAMOTOR WITH NO CONVERSION TO THE SET THAT WILL EFFECT THE OPERATION FROM THE DYNAMOTOR. ONLY WORK REQUIRED TO ADD ON/OFF SWITCH IN PLACE OF SPAR FUSE HOLDER. TRANSFORMER TYPE USING 5Y3GT TUB

OUTPUT 220 VDC, 80 MA. & 24 VDC 2 A. WT: 5 LBS. NO. P.S.603/683 KIT \$10.00 WIRED \$14.95



BC-923 RECEIVER POWER SUPPLY OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 275 VOLTS DC, 150 MA. & 12.6 VOLTS AC. 4 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5U4G TUBE, CHASSIS, WIRING DIAGRAM, LINE CORD ETC. SIZE: 5 1/2 x 6 1/2 x 9 1/2; WT: 15 LBS. PRICES: KIT OF PARTS...\$16.00 #PS-923 WIRED... 20.95

R-77/ARC-3 RECEIVER POWER SUPPLY

OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 210 VOLTS DC @ 125 MA. & 24 VOLTS AC @ 2 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5Y3GT TUBE, CHASSIS, LINE CORD ETC. #PS-R77/ARC-3 SIZE: 5 1/2 x 6 1/2 x 9 1/2; WT: 14 LBS. (LAYOUT SAME AS 923) PRICES; KIT OF PARTS...\$15.00 WIRED \$19.95

POWER SUPPLY No.7630019. OPERATES FROM 115 VOLT 60 CYCLE DUAL HIGH VOLTAGE OUTPUT 400 DC 200 MA & 400 DC 200 MA. ALSO 6.3 VAC 2.75 A. & 6.3 VAC 5.5 A WITH 2/5R4GY TUBES. SIZE: 10x7x15; WT: PRICE: \$19.95



CABLE WITH 18 CONTACT PLUG TO FIT P.S \$2.00



POWER SUPPLY No.7630020VR VOLTAGE REGULATED, OPERATES FROM 115 VOLT 60 CYCLE. OUTPUT 200-250 DC. @ 150-250 MA. ALSO 6.3 VAC 2.75A & 6.3 VAC 5.5 TUBES 2/6AS7G, 1/VR-105, 1/6AK7 & 1/5R4G. WT: 30 LBS. SIZE: 11 1/2 x 10 1/2 x 6 \$18.95

CABLE WITH 18 CONTACT PLUG TO FIT POWER SUPPLY PLUG, 4 FOOT \$2.00

POWER SUPPLY 763003 (MODIFIED) OUTPUT 375 VDC @ 225 MA & 6.3 VAC @ 2.75 A, 6.3 VAC @ 5.5 A. INPUT 115 VOLT 60 CYCLE. WITH 2/5R4GY TUBES. SIZE: 9 x 13 x 7; WT: 35 LBS. PRICE: \$14.95



CONNECTOR 18 CONTACT \$2.00

PP-662/GPN POWER SUPPLY, VOLTAGE REGULATED, 300 VDC 10 TO 90 MA. PLUS POTENTIAL, 210 VDC MINUS. WITH TUBES 4/5651, 2/6AH6, 1/12AT7, 2/6AS7, 1/5Y3 & 1/5R4. OUTPUT PIN JACKS WITH ADJUST MESERING SWITCH, FUSED OUTPUT & INDICATOR LIGHTS. SIZE: 10x8x20; WT: 35 LBS. NO. COVER OR PLUG IN RELAY. PRICE: USED \$14.95



DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE CORD, PILOT LIGHT, LINE FUSE ETC. INDICATED RATINGS ARE FOR LOAD CONDITIONS.

DUAL OUTPUT 12/14 OR 24/28 VDC @ 6 AMPS. SIZE 7x6 1/2 x 13; WT: 17 STK#PS-12/24VDC6A

KIT OF PARTS...\$20.00 WIRED COMPLETE... 24.95

OUTPUT 12/14 VOLTS DC @ 6 AMPS. SIZE: 5 1/2 x 9 1/2 x 5; WT: 20 LBS. STK#PS-12VDC6A

KIT OF PARTS...\$14.00 WIRED COMPLETE... 18.95



OUTPUT 24/28 VOLTS DC @ 4 AMPS. SIZE: 5 1/2 x 9 1/2 x 5; WT: 12 LBS. STK#PS-24VDC4A

COMPLETE WIRED...\$17.95 KIT OF PARTS... 13.00

OUTPUT 12/14 VOLTS DC @ 4 AMPS. SIZE: 5 1/2 x 9 1/2 x 5; WT: STK#PS-12VDC4A

COMPLETE WIRED...\$14.95 KIT OF PARTS... 10.00

OUTPUT 24/28 VOLTS DC @ 1 1/2 A. SIZE: 7x6x5; WT: 6 LBS. #PS-24VDC1.5A WIRED...\$10.95 KIT OF PARTS \$8.00

OUTPUT 12/14 VOLTS DC @ 2 AMP SIZE: 7x6x5 WT: 7 LBS. #PS-12VDC2A WIRED...\$9.95 KIT OF PARTS..... 7.00



MOBILE SUPPLY

AVA-126 VIBRATOR POWER SUPPLY; OUTPUT 300 VDC 100 MA. OPERATES FROM 6, 12 OR 24 VOLTS D.C WHEN THE PROPER VIBRATOR IS USED, OCTAL BASE. SUPPLIED WITH 6 VOLT VIBRATOR (USED WITH AVT-112 AIRCRAFT TRANS) ILLUSTR. COVER REMOVED. UNUSED SIZE: 7 1/2 x 7 1/2 x 7 1/2; WT: 12 LBS. \$4.95



RA-42A POWER SUPPLY; RACK MOUNTING 19", 115/230 VOLT 60 CYCLE OPERATION, OUTPUT 200 TO 250 VOLT D.C. 100 MA 2 1/2" VOLT AND MILLIAMP METER 19"x7"x8"; WT: 30 LBS. HOUSED IN CABINET RA-42A WITH METERS USED \$9.95 RA-42B LESS " RE-NEW 9.75 " 6.75

POWER CONVERTER

TRANSISTORIZED POWER CONVERTER 12 VOLTS D.C. TO 117 VOLTS A.C. POWERFUL 125 WATTS CONTINUOUS DUTY WITH POWER TO SPARE FOR EXTRA YEARS OF SERVICE. PLUGS INTO CIGAR LIGHTER OF AUTO OUTLET AND WILL OPERATE LIGHTS, SHAVERS, RADIOS PHONOS OR MOST ANY EQUIPMENT DRAWING 10 TO 125 WATTS. SIZE 5x5x4; WT: 4 1/2 LBS. PRICE: \$29.95 (NEWLY MANUFACTURED)

VIBRATOR PACK

PP-68 VIBRATOR PACK CONVERTS 6 OR 12 VOLTS DC TO 115V 15 WATT OR 50 WATT TO RUN SMALL APPLIANCES. IDEAL FOR USE ON CAMPING TRIPS. INPUT: 6 OR 12 VDC OUTPUT: 115 V 60CYC 15 OR 50 WATTS. SIZE: 9x8 1/2 x 7 1/2 WT. 22 LBS. USED \$9.95



RA-94 POWER SUPPLY USED WITH BC-779 SUPER-PRO OR BC-794 REC. 115/230 VOLT 60 CYCLE INPUT, 19" RACK PANLE MTG. 10 1/2" H x 11" D. P.S OUTPUT 270 VDC & 140 VDC 150 MA. ALSO 6.3 FOR FILAMENT. W/ 5Z3 & 80 TUBE. SHPG. 100 LBS. USED \$19.95 USED CHECKED \$22.95



PP-115/TRC-8 POWER SUPPLY OUTPUT 550 VDC 350 MA & 6.3 VAC CT. 6 AMPS. WITH 2/5U4G, 115/230 V 60 CYCLE SIZE: 12x8x14; WT: 50 LBS. ILLUSTRATION SHOWS 115 V. APPROX. 100 CFM BLOWER. WITH BLOWER...\$19.95 LESS " ... 16.95

NEW COAXIAL CABLE

NEW MANUFACTURE AND BRANDED WITH STANDARD TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-BETWEEN LENGTHS USE THE HIGHER PRICE. LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

		100 FEET	500 FEET	1000 FEET	5000 FEET
RG-8/U	52 OHM	.10	.09	.08 1/2	.08
RG-11/U	75 "	.09 1/2	.08	.07 1/2	.07
RG-58/U	53 "	.04 1/2	.04	.03 1/2	.03
RG-59/U	73 "	.04 1/2	.04 1/2	.04	.03 1/2

PRICES ARE PER FOOT

NEW COAXIAL CONNECTORS

S0-239	PL-259	M-359	PL-253 JUNCTION	
\$.45 EA.	\$.45 EA.	\$.45	\$.89	
10 OR MORE \$.39 EA.	10 OR MORE \$.39 EA.	10 OR MORE \$.39	10 OR MORE \$.80	

TYPES MAYBE ASSORTED TO OBTAIN THE LOW PRICE

Coaxial Cable

FOR LESS THAN 3c Per Foot!

RG-54 A/U CABLE-

DESIGNED FOR LONG LIFE & CONSTANT ATTENUATION 58 OHMS, .250 OD. WITH POLYETHYLENE JACKET.

370 FOOT ROLL \$10.00 70 FOOT ROLL \$1.95

LESS THAN SPECIFIED LENGTHS .03 PER FOOT

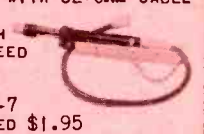
COAX CABLE ASSY

TYPE	OHMS	LENGTH	CONNECTOR	STOCK#	PRICE
RG-8/U	52	60 FT.	2/UG-21	CG-55	2.95
RG-8/U	52	30 FT.	2/UG-21	CG-55	1.75
RG-11/U	75	32 INCH	2/UG-21	CD-1259	.25
RG-11/U	75	21 FT.	1/PL-259	CD-876	.75
RG-21/U	53	10 FT.	UG-21/22	CD-780S	.35
RG-22/U	95	40 FT.	1/PL-284	CD-879	.75
RG-22/U	95	46 1/2 FT.	1/PL-284	CD-878	.80
RG-22/U	95	50 FT.	1/PL-284	CD-877	1.00
RG-26/U	48	30 FT.	2/UG-34	3E4392-	1.50
RG-62/U	93	10 FT.	2/UG-88	CG-1410	.35
RG-62/U	93	22 FT.	2/UG-88	CG-1410	.75
RG-62/U	93	35 FT.	2/UG-88	CG-1410	1.00
RG-62/U	93	130 FT.	2/UG-88	CG-1410	1.95
RG-58C/U	53 1/2	20 FT.	2/UG-88	CG-409D	.75

RG-8/U 52 8 FT. 2/PL-259 CA-102 .75

ATTENUATOR

IMPEDANCE MATCHING ASSEMBLY WITH 52 OHM CABLE 20" LONG, PL-259 CONNECTORS EACH END AND ATTENUATOR WITH 3" SLIDING ADJUSTMENT AND FEED THRU CONNECTORS EACH END. ATTENUATION 30 DB TO 100 DB 30 TO 450 MC. STOCK# 22396-7 PRICE: USED \$1.25 UNUSED \$1.95

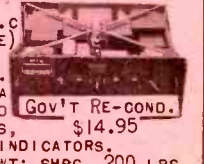


CABLES

CABLE NO.	PLUG NO.	LENGTH	USED WITH	PRICE
3E7243-2	GK12-23 1/2	52"	TCS/REC-PS	\$2.75
3E7273-19	SKC16-23 1/2	29"	TCS/TRS-PS	2.75
CD-515		48"	BC-669	5.95
CD-501	F/BC-654 & PE-103			4.95
CD-548	2EA. PL-118	9 FT.	TEST SET	4.95
CD-549	2 " PL-112	9 FT.	TEST SET	4.95
CD-526	2 " PL-153	5 FT.	274N SERIES	4.95
CD-532	2 " PL-152	5 FT.	"	2.75
CD-509		8 FT.	BC-659/620	2.75

MULTI OUTPUT SUPPLY

RA-105 POWER SUPPLY; INPUT 115 VOLT 60 CYCLE, OUTPUT D.C VOLTAGES 2400 VDC (FOR SCOPE) 544, 415, 295, MINUS VOLTAGES 1480, 290, 110, FILAMENT VOLT. 6.45 @ 12 AMP. AND 6.45 @ 10 A WITH TUBES 3/5U4G, 3/2X2 AND 1/6X5GT ALSO HAS FUSED LINES, CIRCUIT BREAKERS AND LIGHT INDICATORS. SIZE: RACK MTG. 24"x24x10; WT: SHPG. 200 LBS. Gov't Re-cond. \$14.95



Control Boxes Filters Indicators Tuning Units Amplifiers

BRITISH MARK 11 CONTROL JUNCTION BOX No. 3.
CONTAINS PUSH-BUTTON AND CHROME BUZZER THAT CAN BE ADJUSTED TO OPERATE FROM 6-12 VOLT D.C. ALSO TERMINAL STRIPS AND CORD. SIZE 4 1/2 x 5 1/2 x 2 1/2; WT: 2LB USED \$1.00 NEW \$1.50

OTHER BRITISH MARK 11 EQUIPMENT IN STOCK. TELL US WHAT YOU MAY NEED.

TEN PUSH BUTTON LEVER SWITCH
3 SWITCHES 7 MAKE 1 BREAK
3 " " 5 " " NONE
1 " " 3 " " MOMENTARY
1 " " 4 BREAK MOMENTARY, RELEASES 1-7, HOLDS #8.
SIZE: 8x6x1 1/2; 3 LBS. \$2.95

RM-21 CONTROL BOX WITH HAND-SET HANGER, 3 MOMENTARY SWITCHES, CABLE AND PLUG.
USED WITH BC-669. \$3.95

C-87/ART-13 CONTROL BOX,
WITH 11 CHANNEL SWITCH, OFF, VOICE, C.W-MCW, IND. LIGHT, MIC JACK & CODE KEY. \$2.95

C-626/ARC-27 CONTROL BOX.
AUTOMATIC CHANNEL SELECTOR PRESET MECH. W/ 24 V. DC MOTOR, RELAYS, GEARS ETC. SIZE 6 1/2 x 6 x 5; WT: 13 LBS. PRICE USED \$4.95

BC-1303 CONTROL UNIT USED IN IE-36 TEST SET FOR SCR-522.
HAS ALL FACILITIES FOR OPERATION, OFF-A-B-C-D CHANNEL SWITCH, MIC, PHONE & ANT. JACKS, TRANS, REC & REMOTE SW. & PL-170 RECEPTACLE. \$3.95

VERNIER DIAL 6" 0-100 SCALE
ADJUSTABLE STOPS 5 POS. USED IN TAJ TRANS. 4 LB. \$2.75

BC-1366 BC-345 C-4/ARN-7 RADIO COMPASS CONTROL BOX USED W/R-5, 5A ARN-7, THREE BANDS 200-1750 2" TUNING METER & GRAIN OF WHEAT LAMPS. TAKES MC-124 CONTROL SHAFT. USED \$3.95
FT-224 MOUNTING FOR C-4 BOX WITH TERMINAL STRIP & PLUG USED \$1.50

BC-1366 CONTROL BOX CONSISTS OF 5 POSITION ROTARY SWITCH, VOLUME CONTROL & MICROPHONE & PHONE JACKS
PRICE: \$7.75

BC-345 CONTROL BOX WITH 3 POSITION SWITCH MICROPHONE & PHONE JACKS.
PRICE: \$5.50

Beam Filter
NAVY TYPE RANGE BEAM FILTER 1020 CYCLE ACCEPTANCE OR REJECTION.
PRICE: WITH PL-55 \$1.95 NO PL-55 \$1.50

TL-150 TUNING WAND
FOR BC-659, BC-620 \$7.75

SIDE BAND Loading Coil C-114 - \$1.50

PHONE PATCH TRANSFORMER C-161 - \$1.50

1D-304/APA-70 COURSE INDICATOR WITH 2 CROSS-POINT MICROAMP-METER MOVEMENTS 50-0-50 & -25-0-75, ON/OFF SWITCH. WESTON #888, SIMILAR TO I-101C F/GLIDE RECEIVE 3 1/2 x 3 1/2 x 4 1/2; 3 LBS. NEW \$4.95 CONNECTOR TO FIT... 1.50

KLAXON HORN
USED ON AIRCRAFT LANDING GEAR SIGNAL. OPERATES 24 VDC, CAN BE ADJUSTED FOR 12 VDC ALSO FOR SOUND, GIVES OUT RASP. NOISE 5x5x3; 4 LBS. UNUSED \$1.50

FLASHER POSITION LIGHT, PERIODIC AIRCRAFT TYPE C-2, CONTAINS 2 FLASHER G-107 BALLAST TUBE, 24 VDC RELAY DPDT, COND, RES SIZE: 4x4x4; WT: 2 LBS. USED PRICE: \$1.00 EA. 2/\$1.50

THREE DIGIT COUNTER AS USED IN BC-461 REEL BOX HAS RESET & #62K3414A SPLINE SHAFT EXTENSION. 2 1/2 x 1 1/2 x 1 1/2. \$1.00

THREE DIGIT COUNTER OPEN TYPE, BEVEL GEAR, STK. #773 \$5.00

FOUR DIGIT COUNTER FULLY ENCLOSED & BEVEL GEAR. VR# S-30 \$6.65

C-60/AP CONTROL BOX. METER 2 1/2" 0-150 VOLT 400 CYCLE, TWO MICRO SWITCHES AND ADJ CONTROL. SIZE 6 1/2 x 6 1/2 x 3; WT: 3LBS. USED \$1.95

C-30/ARC-5 BC-451 BC-136/2 C-30/ARC-5 CONTROL BOX WITH 7 push button switches marked A, B, C, D, OFF, 1&2. Also tone, CW & voice switch & connectors.
Price.... \$1.00

BC-451 CONTROL BOX with switches tone-CW-voice, on-off, 1/2/3/4 also code key, mic & phone jacks. used \$8.75 Price New \$1.50

BC-136-2 Control unit with mic & phone jacks, volume control & two binding post.
\$.35 each Four for \$1.00

1-101 CROSS POINT INDICATOR FOR COMBINED USE FROM LOCALIZER REC. & GLIDE PATH REC. PART OF ARN-5 & RC-103. SIZE 3 1/2 x 3 1/2 x 3 WT: 3LBS. USED \$1.95

ARC-12 ANTENNA CHANGE- OVER RELAY BNC CONNECTORS FOR EQUIP. UG-23-UG-21 F/ANT. REGULAR & AUX ANT. CONN. 24 VDC RELAY. W/BNC CABLES. \$2.75
UG-21 ANTENNA CONN. \$7.75

ANTENNA CHANGE-OVER S.P.D.T FOR COAXIAL CABLE 28 VDC ROTARY ACTUATOR WAFFER, LOW-LOSS HIGH-POWER. GENERAL COMM. #2LN180RC-1 NEW \$3.95

SIZE: 4 1/2 x 3 x 2 1/2; WT: 1LB.
TYPE "N" CONN. CUT-OFFS 50% AN CONN. 7 CONTACT \$1.00

C-2193 ANTENNA SELECTOR; CONTAINS 4 SMALL RELAYS DPDT 24 VDC, 6/906 TRANSISTORS, 2 DIODES, 15 RES. 6 COND. PRINTED CIRCUIT BOARD. SIZE: 4x4x4; 2LB. \$1.95

BATTERIES

BB-212 PLASTIC BATTERY NON-SPILLABLE, BALL INDICATOR 2 VOLT 40 A. 7x4x2 1/2; WT: 7 LBS. \$1.95

BB-208/AMT RADIO-SONDE DRY CHARGE BATTERIES, 4 IN A VACUUM PACKED CAN, ONE 6V 2 1/2 HR THRU 30 OHMS, 3 36V EA. 3A HR. THRU 1200 OHM. EA. BATT. SIZE 1-5/16x29/32x4-5/32. WT. EA. BATT. 4 1/2 OZ. BATTERY PACK (4) \$1.95

N-T-6 PLASTIC STORAGE BATTERY DRY CHARGE, 6 VOLT 4 AMP. 3 1/2 x 2 1/2 x 2; 1 1/2 LB \$3.95

BB 54 WILLARD PLASTIC STORAGE BATTERY 2 VOLT 28 AMP. HOUR NON-SPILLABLE, BALL INDICATOR DRY CHARGE, ADD ELECTROLYTE SIZE 4x5x3; WT: 4LB. \$2.95

AUTOTUNE HEAD FOR ATC/ART-13 TRANSMITTERS. MULTITURN UNIT WITH DIAL 0-100, KNOB, REVOLUTION COUNTER, LOCKING DEVICE FOR PRESETTING. CONTROL "B". COL#23518 PRICE: \$1.95

INDICATOR AZIMUTH SIGHTING ANGLE TYPE C-1A OPERATES 26 VOLT 400 CYC. TWO 3" INDICATORS #SYA3710 5 1/2 x 3 1/2 x 3; WT: 4 LBS. \$2.95

INDICATOR AMP. AM-5/APS-4 6 POTENTIOMETERS 2/6V6; 6SL7; 6J6 AND MANY OTHER USEFUL PARTS 4x5x7 1/2; WT. 5LBS. PRICE: \$7.95

CONTROL BOX C-289A/APS-31 CONTAINS 5 DPST SWITCHES, 3 THREE POSITION WAFFER, ONE EACH 4 POS. WAFFER, 5 POS. WAFFER, VERNIER PILOT LIGHT, 2 1/2" SIMPSON METER PLUS POTENTIOMETERS AND OTHER PARTS. 9x5x13 WT. 13 LBS. \$8.95

COUNTER

CHAFF DISPENSER CONTROL WITH 5 DIGIT DECLINING COUNTER 2 AT A TIME 24 VDC OPERATION ALSO 12 POSITION WAFFER SWITCH. LESS DIAL LIGHT ASSY & SW. 6x4x3; 2 LBS. \$1.50

FREQUENCY METER CAVITY TUNEABLE 2400 -3400 MC, AB ABSORPTION TYPE, W/DIGIT COUNTER, LESS CRYSTAL DIODE, W/CABLES. P/O TS-3 SIZE: 5 1/2 x 2; WT: 1 LB. #3F2747-3.2 \$2.95

COUNTER 24 VDC USED TO COUNT AMMUNITION RE-SERVE EACH PULSE SUBTRACTS 2 UNITS FROM COUNTER. MAX. COUNT 1000 2 1/2 x 1 1/2 x 2. \$1.00

MESSAGE REGISTER FOUR PLACE DIGITAL COUNTER CONNECTED TO 48VDC RELAY. 1 1/2 x 1 1/2 x 6 WT. 1.5 LB. PRICE: \$2.50 NEW NICKEL CADMIUM BATTERY. 1.2V RECHARGEABLE BATTERY. OUTPUT APPROX. 4 AMP HR SIZE: 1 1/2 x 2 x 6 WT. 6OZ PRICE: \$2.50

RIGHT & LEFT ANGLE DRIVE SHAFT 3/16" SIDE 1/2 MALE & 1/2 FEMALE. 2 1/2 x 2 1/2 x 1 1/2 \$1.50

VERNIER DIAL 2 1/2" 100 TO 0 SCALE. TAKES 1/8" SHAFT. PRICE: \$1.50

ID-14/APN-1 RADIO ALTITUDE METER, 3" SCALE 0-6 MA MOVEMENT. CAN BE USED AS A BASIC METER MOVEMENT AND CHANGE SCALE AS DESIRED. PRICE: USED \$1.50

BC-347 AIRCRAFT INTERPHONE AMPLIFIER

Used in small planes for speaking. Has two oncer transformers Carbon microphone input & standard headset output. Requires 12 Or 24 volt & 250VDC. Uses 6P8G tube. Size 3x2x5 WT 3lbs. With tube \$1.95 Less tube \$1.25
BC-216 MICROPHONE AMPLIFIER

Aircraft type amplifier use tubes 1/39/44 & 1/6P7. Two carbon microphone inputs. Voltage required 12 volts & 150VDC 40 Ma. Size 8 1/2 x 6 1/2 x 2. WT. 3 lbs With tubes \$1.95 Less tubes \$1.

AMPLIFIER USED IN TANK FOR INTERPHONE. W/TWO 6V6 TUBES, LESS DYNAMOT OR. REQUIRES 250 vdc 50 MA. & FILAMENT VOLTAGE. SIZE: 9x9x3; WT: 10 LBS. BC-367 NO CASE F/12V \$1.95 BC-667 W/ " F/24V 2.95

BATTERY CHARGER FOR BB-51 & BB-52 BATTERIES. TRICKLE CH OPERATES FROM 6 OR 12 VOLT STORAGE BATTERY. HAS 2-3" METERS 0-100 DC VOLTS AND 0-30 & 0-300 DC MILLIAMPS SCALES. SIZE: 12x8 1/2 x 7; WT; 20 LBS. PRICE: \$14.95

3 DIGIT COUNTER SIZE: 3 1/2 x 1 1/2 x 1 1/2 SHAFT 1/8" #VR7604916 75¢

A-61 PHANTOM ANTENNA

MAGNESYN INDICATOR 3", 26 VOLTS 400 CYCLE OPERATION; 200-0-200 SCALE ILLUMINATED USED WITH APA-44 EQUIPMENT FOR INDICATION OF WIND IN KNOTS, N-S-E-W. SIZE: 3x3x3, WT 3/4 LB USED BENDIX #20004-64J-A1 \$1.00

PHANTOM ANTENNA

A-61 PHANTOM ANTENNA, USED WITH COMMAND TRANSMITTER AS A DUMMY LOAD, POWER RATING 50 WATTS, RES. 5 OHMS, 100MMF 5KV VAC. COND. 0-4 RF METER 7x5x2 1/2; WT: 4LBS. USED \$4.95

TS-279 DUMMY ANTENNA LOAD

Three inch pyrex feed thru insulator, 1000 ohm 100 watt resistor with two test lead & clips. Cabinet size 13 x 6 x 4". Can be used for a chassis. Stock # TS-279 Price \$1.95

MINIMUM ORDER \$3.00

RE-1A/ARR-1
 ROTARY TYPE RELAY
 14 VOLT W/6 CONTACT
 WAFER SW. 2/SO239
 & 2 BINDING POSTS
 SIZE 4x4x2; 1 1/2 LB
 \$1.00

60 MINUTE TIMER
 & 15 AMP.
 SWITCH & ALARM
 OPERATES FROM
 115V 60CYC.
 UNIT CONTAINS
 36 RPM TELECHROM
 MOTOR.
 SIZE: 3x3 1/2x3 1/2 WT. 1 LB.
 \$1.95

TIMER MOTOR
 SWITCHING
 ASSEMBLY
 4 R.P.M.
 S.P.D.T.
 MICROSWITCH
 VARIABLE
 TIMING CAMS FOR ACTUATING
 SWITCHES. #H9200.
 SIZE: 3x2 1/2x5 WT. 2 LBS.
 1 SW. 6V.....\$1.95
 2 SW. 28V.....2.50
 3 SW. 6V.....2.95
 4 SW. 6V.....3.50

115V TIMER
 MOTOR
 SWITCHING
 ASSEMBLY
 2 R.P.M.
 S.P.D.T.
 MICROSWITCH AND HEAVY DUTY
 CONTACTS. MAX. CLOSED TIME
 15 SEC. OPEN 15 SEC. WT. 4
 LBS. SIZE: 7x6x3 1/2
 PRICE: \$4.95

115V TIMER MOTOR
 WITH ADJUSTABLE
 CAMS TO CONTROL
 ACTION OF MICRO
 SWITCHES. TWO
 S.P.D.T. MICRO-
 SWITCHES. MOTOR IS REVERS-
 IBLE 60CYC 2RPM. WT. 2 LBS
 SIZE: 3 1/2x3 1/2x2
 PRICE: \$3.95

25 HY 35 MA DC
 1070 MV
 2x3x2 2LBS
 GE#7415231
 \$.79

20HY @ 20MA
 5HY @ 450MA
 50 OHMS
 3 1/2x4 1/2x5 1/2 WT 1 1/4 LB
 GILFILLAN BROS.
 #23483
 SWINGING CHOKE
 \$4.95

10 HY 375MA
 100 OHMS
 4 1/2x4 1/2x6 1/2 WT. 1 1/2
 #L217210-1
 PRICE: \$4.95

"A" CHOKE
 1 HY 1 AMP.
 .7 OHM
 2 1/2x2 1/2x3 1/2 LB
 STK#RM-13331
 \$1.25

15 HY 165 MA
 135 OHM
 4x4x3 1/2 3LB
 \$1.25

10 HY 150MA
 210 OHMS
 WT. 4 1/2 LBS.
 SIZE: 2 1/2x5x2 1/2
 #217386-1
 \$1.75

WESTERN ELECTRIC
 POLAR RELAY
 D1631 19A (255A)
 SIZE: 6x2 1/2x2 1/2
 WT. 4 LBS.
 PRICE: \$2.50

BK-22A
 RELAY CONTROL
 FOR RADIO COMPASS
 CONTROL BOX
 RATCHET MOTOR ASSY. THAT
 OPERATES 10 P.D.T. CONTACT
 ASSY MOUNTED TO BARRIER TER-
 MINAL STRIP, (MAKE 10, BREAK
 10) ALSO S.P.S.T. RELAY AND
 5 12 TERMINAL BARRIES STRIP
 OPERATES FROM 18 TO 30 V.D.
 SIZE: 12x2 1/2x6; WT. 8 LBS.
 PRICE: USED \$2.95

STRATOPAX FOUR
 SECTION RELAY
 650-1242
 24 vdc
 SECT. #1 4PDT
 " 2 4PDT
 " 3 4PDT
 " 4 6PDT
 SIZE: 3 1/2x4 1/2x7
 WT. 5 1/2 LBS. \$1.95

LANDING GEAR
 SWITCH ASSEMBLY,
 SINGLE POLE DOUB-
 LE THROW, PLUNGER
 TYPE, PLUNGER IS DEPRESSED
 OPENS ONE CONTACT, CLOSES
 OTHER, SPRING RETURN.
 SIZE 3x2 1/2x1 1/2, PLUNGER 2 1/2.
 WT: 8 oz. PRICE: \$.50

ART-13 KEYING
 RELAY AND VACUUM
 SWITCH
 3 CONT. SPST
 NORMALLY OPEN
 1 CONT. SPST
 NORMALLY CLOSED
 VACUUM SWITCH
 2 SPDT & 1
 SPDT.
 OPERATING VOLT
 28VDC. TWO COILS EA. 27OHMS
 SERIES. SIZE: 3x4x5 WT. 2LB
 STK #227595-7
 PRICE: \$8.95 NEW

VARIAGON PHASE
 SHIFT CAPACITOR
 V-42. USED FOR
 ACCURATE MEAS-
 UREMENT OF TIME
 INTERVALS IN
 RADAR SYSTEMS. CAPACITY OF
 INPUT PLATE TO HOUSING 4.4
 MMF. CAPACITY OF OUTPUT PLA-
 TE TO HOUSING 15.6 MMF.
 CAPACITY VARIATION OF ONE
 INPUT TO OUTPUT PLATE 1.2-
 4.9 MMF. SIZE: 2 1/2x1 WT. 1
 PRICE: \$4.95

SOUND RECORDING TAPE
 TW-3J. 7" REEL WITH
 APPROX. 900 FT OF 2
 MIL TAPE. USED WITH
 RD-42 WT. 4.5 LBS.
 PRICE: \$4.95

HARDWARE KIT
 CONTAINS 50 CLAMPS
 OF 5 TYPES. 20
 SCREWS OF 5 TYPE
 15 LOCKWASHERS.
 7 TERMINAL LUGS
 4 HEX NUTS. 18
 SPACERS.
 WT 5 LBS.
 RC-298 \$1.00

DETONATOR
 IMPACT
 SWITCH WITH
 TWO MICRO
 SWITCHES THAT
 MAKE CONTACT
 WHEN THE UNIT
 IS JARRED.
 USED IN PLANES TO DETONATE
 BOMBS WHEN WRECKED. 5x4x4
 WT. 1 1/2 LB. #BC-706 \$0.50

SIGNAL LIGHT NAF# 1171-2
 26 VOLT DC SEALED
 BEAM WITH FOUR FIL-
 TERS, RED, GREEN,
 AND AMBER. TRIGGER
 SIGNALLING OR CONSTANT
 AS A SPOT LIGHT. WITH 10FT
 RUBBER CORD, MOUNTING BRACK-
 ET AND FIBER CARRYING CASE.
 SIZE 6x8; WT. 8 LB
 UNUSED: \$4.95

MOTOR SPLIT FIELD
 REVERSEABLE, SER-
 IES WOUND. SHAFT
 SPEEDS, 5 R.P.M.
 200 R.P.M. 26VDC
 2 MICRO SWITCHES
 AND ON-OFF SWITCH. 6x4x4
 PRICE: \$5.95

CAPACITY TUNER
 WITH AUTO-
 TUNE
 160-211 MC
 1/2C26
 2/SO-239
 CONNECTORS
 7x5 1/2x5
 WT. 7 LBS.
 PRICE: \$2.50

CONNECTOR PLUGS
 15 CONTACT
 SIZE: 2 1/2x1 1/2x1 1/2 P-601
 PER PAIR \$1.50
 34 CONTACTS
 30" CX2158/U
 SIZE: 2x2x2
 MRE-34H
 PER PAIR \$2.00
 14 CONTACTS
 30" CX 2157/U
 SIZE: 1 1/2x1 1/2x1 1/2 MRE-14H
 PER PAIR \$1.50
 18 CONTACTS
 2 1/2x2x1 P-2802
 PER PAIR \$2.00

SW-225 CHANGEOVER
 SWITCH. 3PDT
 HEAVY DUTY. SIZE:
 8x7x4 WT. 7 LBS.
 PRICE: \$1.95

TA-211/GR INTERCOM
 MUNICATION MONITOR
 STATION. THREE LEV-
 EL SWITCHES CONTROL
 RECEPTION OF EITHER
 OF TWO RECEIVERS OR
 BOTH WHEN CONNECTED
 THROUGH JACKS. JACKS FOR
 MIKE, TWO PHONES OR RECORDER
 INPUT FOR TWO RECEIVERS. RE-
 CEPTICAL FOR CONNECTION INTO
 EXTERNAL CIRCUIT.
 SIZE: 7 1/2x5x2 1/2 WT. 3 LBS.
 PRICE: \$4.95 NEW

FT-384 ADAPTER
 FOR TESTING
 BC-603
 BC-683
 USED \$2.95
 RE-NEW 4.95

PLUGS INTO REAR OF SET AND
 HAS METERING SWITCH AND JACK
 FOR ATTACHING METER FOR MEAS-
 URING VARIOUS VOLTAGES AND
 MAKING ALIGNMENT.
 COMPLETE W/6FT BATT. LEAD.

TELETYPE COUNTER
 ACTUATED BY 48VDC
 RELAY. FOUR PUL-
 SES OF RELAY CHAN-
 GES COUNTER ONE
 DIGIT. UNIT CON-
 TAINS 115V 60CYCLE MOTOR.
 MOTOR IS 60 RPM, TORQUE 6.6
 INCH OUNCES. 5 1/2x5 1/2x6 WT.
 10 LBS. PRICE \$9.95

ANTENNA SWITCHING
 UNIT SA-649/USD
 CONTINUOUS SWITCH-
 ING OF TWO AN-
 TENNAS TO A REC-
 EIVER AT 600 CPS
 USED TO REDUCE
 FADING OF SIGNAL
 UNIT REQUIRES 26.5VDC. TUBES
 INCLUDED 2/6BC4; 2/JG-6111
 SIZE: 3 1/2x3 1/2x5 1/2 WT. 2LBS.
 PRICE: \$3.95

BATTERY HOLDER FOR
 TWO TYPE D
 CELLS, SAME
 AS USED IN
 MOST FLASH
 LIGHTS.
 USED FOR
 LIGHTING INSTRUMENT PANELS
 D45200 WITH SWITCH & CORD
 & PLUG. \$.59

M-33 WITH SWITCH ON WHEAT-
 STAT AND GRAIN OF WHEAT
 LAMP ON CORD. \$1.00

TRANSFORMERS & CHOKES
 SEE PAGES 12 & 13

1.25 HY @ 1.23 ADC
 PWV 1070
 TF1A04LB
 6 1/2x5x4 1/2; WT: 21 LBS
 \$5.95

3.5 HY 500 MA
 30 OHMS
 715 V WV
 4x5 1/2x3 1/2; 10 LBS.
 TK1A04KA/A8694
 \$3.50

5 HY @ 400 MA
 50 OHMS.
 P.W.V. 1070
 4x4 1/2x6; 14 LBS.
 #352-1746
 \$3.95

8 HY 150 MA
 100 OHMS
 MAX. W. V. 715
 3x4 1/2x2 1/2; 5 LBS.
 # TF1A04HA
 \$1.95

8 HY 250 MA
 RES. 100 OHMS
 SIZE: 4x4 1/2x6
 WT. 13 LBS.
 5950-646-0775
 \$4.95

CURRENT TRANSFORM
 RATIO 150-5 AMPS.
 25 TO 60 CYCLES
 WEST. TYPE K0
 STYLE 651911-B
 5 1/2x6 1/2x5; WT: 10LB
 \$2.95

PRI: 115V 60 cyc.
 SEC: 840V CT255MA
 5V @ 4A
 12.6V CT 13A
 SIZE: 4 1/2x4x6 1/2
 WT. 16 LBS.
 #223959
 PRICE: \$7.95

PRI: 115 V 60 CY
 SEC: 880CT 260 MA
 SIZE: 4 1/2x5 1/2x4 10LB
 STK#7629825
 PRICE: \$4.95

PRI: 110/115/120
 60 cyc
 SEC: 1000V CT @
 400MA
 500V CT @
 60MA
 SIZE: 5 1/2x4 1/2x7 1/2
 WT. 23 LBS.
 # 5950-645-8894
 PRICE: \$8.95

PRI: 120/240
 SEC: 2.5 @ 3 A
 10.2" 5 A
 6.6 @ 10 A
 420-470 @.450
 347 @.450
 15 @.02
 6.4 @ 10A
 6 1/2x6 1/2x5 1/2; 39 LB
 No. 279623.3
 \$4.95

PRI: 115V 60CYC
 SEC: 2000V 5MA
 2.5V 5A
 SIZE: 3x3 1/2x5 1/2
 WT. 5 1/2 LBS.
 #7629827
 \$2.95

PRI: 107-127V
 50-60 cyc.
 SEC: 160-200V @
 700 MA.
 THROUGH 16
 TAPS.
 SIZE: 4 1/2x3 1/2x5 1/2
 WT. 13 LBS.
 #229613.148
 \$2.50

PRI: 115V 60CYC
 SEC: 2000V CT @
 500MA
 SIZE: 5x5 1/2x7 1/2
 WT. 30 LBS.
 5950-581-5204
 \$16.95

ISOLATION TRANS.
 PRI: 115V 60CYC.
 SEC: 115V .35A
 3x3 1/2x5 1/2 WT. 6 1/2 LBS.
 #8260351
 \$1.50

PARTS BONNAZA



PLUG IN TUNING UNITS USED WITH BC-191/BC-375 TRANSMITTER. THESE UNITS CONTAIN MANY PARTS THAT CAN BE USED BY SCHOOLS, LABORATORIES, HAMS, OR EXPERIMENTERS. LISTED BELOW ARE THE VARIOUS TUNING UNITS WITH FREQUENCY COVERAGE, AND PARTS LIST. ALL UNITS INCLUDE CABINET, KNOBS, HANDLES, BRACKETS, AND OTHER PARTS. THE NEW TUNING UNITS ALSO INCLUDE THE OUTER CASE.

SIZE: 17x9x7 $\frac{1}{2}$ WT: 13 LBS.

TU-5B 1500-3000KC

M-O tank inductance
M-O band change switch
Antenna coupling switch
P-A band change switch
Capacitors, as follows:
3/0.0001 mfd 3000 volt
0.00003 mfd 2000 volts
2/0.0004 mfd 5000 volts
3/0.00009mfd 3000 volts
Var. 8-26mmf, 20-135mmf
20-156mmf
Antenna coupling coil
P-A grid choke coil
M-O grid choke coil
P-A tank inductance
Res. 15 ohms, 4.5 watts
2 $\frac{1}{2}$ " vernier dial
right angle drive
New \$6.95

TU-6B 3000-4500KC

M-O tank inductance
P-A tank inductance
P-A grid choke coil
M-O grid choke coil
Antenna coupling coil
M-O band change switch
P-A band change switch
Antenna coupling switch
Capacitors, as follows:
2/0.00005mfd 3000 volt
2/0.0004mfd 5000 volts
Variable cap. 19-116
mmf, 8-26mmf, 15-77mmf
M-O tuning compensator
Res. 15 ohm, 4.5 watts
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$5.95 Used \$3.95

TU-7-B 4500-6200KC

M-O tank inductance
P-A tank inductance
Antenna coupling switch
Antenna coupling coil
P-A grid choke coil
M-O grid choke coil
Cap. as follows:
2/0.0004mfd 5000 volts
Var. Cap. 8-26 mmf,
23-111mmf, 19-116mmf
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$5.95 Used \$3.95

BC-306 ANTENNA TUNING UNIT 200-500 KC

VARIOMETER COIL
VARIOMETER DIAL
ANTENNA COUPLIN SWITCH
INSULATORS
NEW \$4.95, USED

TU-8-B 6200-7700KC

M-O tank inductance
M-O grid choke coil
P-A grid choke coil
P-A tank inductance
Antenna coupling coil
Antenna coupling switch
Cap. 2/0.0004mfd 5000v
Var. cap. 14-66mmf,
8-26mmf, 15-81mmf
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$5.95 Used \$3.95

TU-9-B 7700-10,000KC

M-O tank inductance
M-O grid choke coil
P-A grid choke coil
P-A tank inductance
Antenna coupling coil
Antenna coupling switch
Cap. 3/0.0004mfd 5000v
Var. Cap. 19-116mmf,
8-26mmf, 15-77mmf
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$4.95 Used \$3.95

TU-10-B 10,000-12,500KC

M-O tank inductance
M-O grid choke coil
P-A tank inductance
P-A grid choke coil
Ant. coupling coil
Ant. coupling switch
M-O choke coil
Cap. 3/0.0004mfd 5000v
Var. cap. 14-62mmf,
19-116mmf, 8-26mmf
2 $\frac{1}{2}$ " vernier dial
Right angle drive
New \$4.95 Used \$3.95

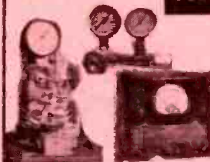
TU-26-B 200-500KC

M-O tank variometer
M-O plate coil
M-O grid choke coil
P-A tank variometer
P-A grid choke coil
M-O band change switch
Antenna Coupling switch
Antenna coupling coil
Capacitors, as follows:
3/0.0004mfd 3000v
2/0.005mfd 5000v
2/0.004mfd 5000v
2/0.0035mfd 5000v
0.002mfd 5000v
0.0005mfd 3000v
0.0007mfd 3000v
12mmf, 35mmf
Var. cap. 8-26mmf
Res. 15 ohm 4.5 watts
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$4.95 Used \$3.95

EQUIPMENT RACK

ELECTRICAL EQUIPMENT RACK. USEABLE PANEL HEIGHT 58", WIDTH IS STANDARD 19". UNIT HAS ONE ROLL-OUT SHELF, FOUR ADJUSTABLE SHELVES, AND ELECTRICAL JUNCTION BOX. LIGHTS IN TOP SECTION OF UNIT ILLUMINATE FRONT OF PANELS. EIGHT WHEELS PROVIDE MOBILITY FOR RACK. DROP DOWN SECTION ON ROLL-OUT SHELF. WEIGHT: 160 LBS. SIZE: 72x21 $\frac{1}{2}$ x20. PRICE: \$30.00

VAPOR DETECTOR



WATER VAPOR DETECTOR 128; CONSISTS OF VALVING ASSY. WITH 2 $\frac{1}{2}$ " 3000 LB.PER. SQ. IN. GAUGE CONNECTED TO A BRASS BLOCK WITH 3 VALVES COPPER TUBING CONNECTS TO SATURATOR BOTTLE AND ANOTHER BLOCK WITH VALVE WHICH ONE OUTLET CONNECTS TO A ELECTRIC AMPLIFIER THRU DETECTOR ELECTRODE AND THE OTHER OUTLET TO A GAS PRESURE REGULATOR. THE ELECTRIC AMPLIFIER IS HOUSED IN METAL CASE WITH 3" METER 50 MICRO-AMP. WITH TUBES 1/1G6GT & 1/1G4GT IN A OSCILLATOR CIRCUIT, BALANCED BRIDGE TYPE, ANY ELECTRIC UNBALANCE IS INDICATED ON THE METER, ADJUSTING CONTROLS ON PANEL, REQUIRES 67 $\frac{1}{2}$ & 1.5 VOLTS D.C FOR OPERATION. GAS PRESURE REGULATORS ARE STD. WITH 2" METERS. EQUIPMENT IS USED TO DETERMINE THE AMT OF WATER VAPOR IN THE GAS TO BE TESTED WITH A REF. GAS AS THE STANDARD. CARRING CASE 14x16x10 $\frac{1}{2}$ "; WT: 60 PRICE: USED \$14.95

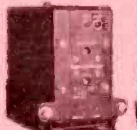
RELAY TEST SET

USED \$16.95
RE-COND. 21.95

1-193 RELAY TEST SET; USED FOR TESTING 255, 255A, D-163119A, D-164 816A POLAR RELAYS ETC. FOR BIAS AND SENSITIVITY. THE ELECTRICAL CHARACTERISTICS ARE DETERMINED BY THE DEFLECTIONS OF THE METER. ALSO CONTAINS CIRCUIT FOR SENDING PULSES FOR TESTING EXTERNAL TELEGRAPH CIRCUITS AND A 10-20 CYCLE OSCILLATOR FOR TESTING AND LINE-UP PURPOSES. OPERATES FROM 115/130 VDC 10 WATTS. (RA-87 RECTIFIER SHOWN ON PAGE 8 OF THIS CATALOG WILL OPERATE THIS EQUIPMENT) SHIPPED IN WOOD CHEST 24X12X13; WT: 75 LBS.



A.F.C. UNIT



AUTOMATIC FREQ. CONTROL UNIT No.600671; USED WITH FIRE CONTROL SYSTEM WITH 16 TUBES 2/5829, 1/5703, 2/5702 & 1/5784, DPDT SIGMA RELAY THAT WILL OPERATE FROM 14 VDC @ 2.8 MA, SLUG TUNED COILS, RESISTORS, COND. ETC. (SORRY DO NOT KNOW FREQ. NO SCHEMATIC) SIZE: 4x8x6; WT: 5LBS. PRICE USED \$3.95

OSCILLOSCOPE

TS-34/AP OSCILLOSCOPE; 2" DIA. SCREEN, START-STOP SAW TOOTH SWEEP INCL DEFLECTION SENSITIVITY 0.22 MM PER V. DC VERTICAL, 0.26 MM HORIZ. FREQ. RANGE START STOP DURA. 4 $\frac{1}{2}$ -8, 20, 50, 120-280 U SEC. SAWTOOTH -280 U SEC. SAWTOOTH FREQ. FREQ. 50,000 IN STEPS TO 10 CPS. OPERATING POWER 115 V 50-1200 CYC. SIZE: 9 $\frac{1}{2}$ x29x12 $\frac{1}{2}$; WT: 40 LBS. USED \$39.50



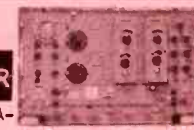
VERNIER TIMER

VERNIER SET ATC TIMER WITH 15 MINUTE TIMING PERIOD. SYNCHRONOUS MOTOR OPERATES FROM 230 V 60 CYC AND HAS SPDT CONTACTS FOR CONTROL OF INDUSTRIAL EQUIPMENT. SIZE: 6 $\frac{1}{2}$ x5 $\frac{1}{2}$ x3 $\frac{1}{2}$ WT. 5 LBS. PRICE: \$9.95 NEW

WAVE METER

SCOPE OSCILLATOR

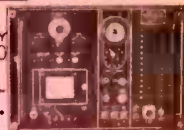
AN/UPN-1 WAVEMETER-OSCILLATOR-SCOPE RADAR TEST UNIT FOR 155-235MC AND 460-570MC CONTAINS PULSE AND SWEEP GENERATORS VIDEO AMP. 3" OSCILLOSCOPE, TWO WAVEMETER TWO OSCILLATORS, POWER REQUIREMENTS: 80, 115, OR 230 VOLTS AC. 60-1000 CYCLES. SIZE: 30x21x24; WT. 150LBS. USED \$79.95
ANTENNA FOR AN/UPN-1 SIZE: 21x12 WT. 11 LBS. USED \$9.95



SIGNAL GENERATOR

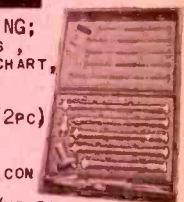
USED \$22.95

BC-1277 SIGNAL GENERATOR; 2400 TO 3400 MC. TUNED CAVITY DIGIT COUNTER DIVISIONS 30/60 MC. 0-50 D.C 3 $\frac{1}{2}$ " MICROAMP. METER FOR MEASURING THE VOLTAGES OF THE VARIOUS CIRCUITS. ATTENUATOR, SYNC. AMP., STD. SIGNAL SHAPE AND CAL. SIGNAL AMPLIFIER CIRCUIT OPERATES FROM 115 V. 50-1200 CYCLE. WITH TUBES 3/VR-150, 4/6AC7, 2/VR-105, 2/6Y6, 2/6SF5, 1/6L7, 1/6L6, 1/707A, 1/6X5 & 1/5T4. USED FOR TESTING RADAR. SIZE IN WOOD CHEST 22x17x17; WT: 100 LB

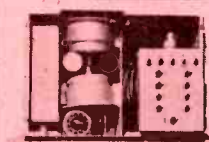


ATTENUATORS

MX-1309/URM-23 POWER MEASURING; KIT OF WAVEGUIDE ATTENUATORS, ADAPTER, BALOMETER, CABLE & CHART, 1000 TO 4000 MC.
1 ATTENUATOR CN-110/U 10 DB
1 " CN-111/U 20 DB (2pc)
1 " CN-168/U 3 DB
1 " CN-169/U 6 DB
1 RF BALOMETER DT-76/U, "N" CON
1 ADAPTER CONN. UG-402/U
1 COAXIAL CABLE CG-926/U, w/UG-21 EA. END. METAL CARRING CASE, FITTED, SIZE 19x5x14; WT: 32 LBS. COMPLETE SET \$14.95



PULSE GENERATOR



AN/UPM-19 RADAR TEST SET CONSISTS OF SG-76 PULSE GENERATOR THAT COVERS THE FREQ. OF 2650-2950 MC. VARIABLE FREQ. AND R.F. OSCILLATOR CONTROLS BCN CONN. REQ. FOR R.F IN, R.F OUT, VIDEO PULSE AND SYNC. OUT JACKS. 2 $\frac{1}{2}$ " R.F CAL. POWER METER 25 TUBES, OPERATES FROM 24 VDC VIBRATOR POWER PACK. ABOVE IS CONTAINED IN CASE # 1 OF 2. CASE 2 OF 2 CONTAINS, 2 ANTENNAS, INDICATOR BOX, PLUGS AND CABLES. ALUMINUM CARRING CASE SIZES 16 $\frac{1}{2}$ x8x14 AND 14x10x10; SHPG. WT: 80 LBS. PRICE: USED \$39.50



2 OF 2 CONTAINS, 2 ANTENNAS, INDICATOR BOX, PLUGS AND CABLES. ALUMINUM CARRING CASE SIZES 16 $\frac{1}{2}$ x8x14 AND 14x10x10; SHPG. WT: 80 LBS. PRICE: USED \$39.50

CALIBRATOR



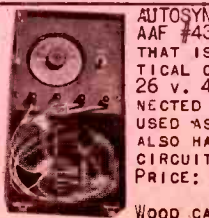
TS-102B/AP CALIBRATOR: RANGE CALIBRATOR PORTABLE PULSE GENERATOR WITH REPETITION FREQ. OF 400, 800, 1600, 2000 & 4000, MARKER AND SYNCHRONIZING PULSE, VARIABLE DELAY LINE PHASE ADJUSTMENT. OPERATES FROM 115 V. 50-1000 CYCLE WITH TUBES 2/6X4W 3/6AG7 6/5814. 2/UG273/U CONN. 4/CABLES W/UG-88B/U SIZE: 16x10x11; WT: 28 LBS. UNUSED \$18.95

RADIO COMPASS



RA 101A/ARN-6 RADIO COMPASS WITH A FREQUENCY RANGE OF 100-1750 KC IN FOUR BANDS. COMPLETE WITH TUBES 6/12SK7; 4/12SX7; 1/12SY7; 1/12SX7; 2/26A7; 2/2050. OPERATES FROM 26.5VDC. WT. 35LBS. SIZE: 11 $\frac{1}{2}$ x7 $\frac{1}{2}$ x15 $\frac{1}{2}$ PRICE: \$39.50

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS. OPERATES FROM 26 VOLTS 400 CYC. SIZE: 10x11x5 WT. 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95 MANUAL FOR RA 101A/ARN-6....\$5.00



AUTOSYN INSTRUMENT FIELD TESTER; AAF #43G18624 IS A SIMPLE TESTER THAT IS DESIGNED TO TEST THE ELECTRICAL CIRCUITS OF ALL MINIATURE 26 V. 400 CYC. AUTOSYNS. WHEN CONNECTED TO THE SUPPLY IT CAN BE USED AS A TRANSMITTER OR INDICATOR. ALSO HAS ELECTRICAL ZERO TESTING CIRCUIT. SIZE: 6x10x5; WT: 8 LBS. PRICE: METAL CASE HINGED COVER & CABLES. USED.. \$8.95 WOOD CASE NO COVER/CABLES 3.95

REGULATED POWER SUPPLY

KEPCO KR6M REGULATED DC POWER SUPPLY, DC OUTPUT 195 TO 325 VOLTS, 600 MA, REGULATION .1% AC FILAMENT OUTPUTS, INPUT 105 TO 125 VOLTS 60 CYCLE.
 SIZE: 10 1/2 x 19 x 13 FOR RACK MOUNTING. SHPG. WT: 100
 PRICE: USED \$60.00

POWER SUPPLY

LAMBDA POWER SUPPLY INPUT 105-125 VOLTS 50-60 CYCLE, 250 W OUTPUT 6.3 VOLTS CT 6 AMPS. 0-500 VOLTS DC 200 MA. DC VOLTMETER, DC MILLIAMMETER 2 1/2" FOR STANDARD 19" RACK MOUNTING. COMPLETE WITH TUBES 2/5R4. SIZE: 10x17x6 1/2 WT. 40 LBS. \$49.50

RECTIFIER

RA-43-B RECTIFIER TUBE TYPE OUTPUT 115V 525W DC; INPUT 95-125V, 50-60CYC AC. PROVIDES POWER FOR 1 TO 3 SWITCHBOARDS. REQUIRES 2/6F6 INCL AND TWO C6J, NOT INCL. WT. 165 LBS. SIZE: 22x17 1/2 x 10 PRICE: \$24.95 USED

TS-147D/UP STRIPPED WITH 2 1/2" MILLIWATT METER, FUSE HOLDERS, SWITCHES, POTENTIOMETERS, AND POWER SUPPLY 300V 36MA, 6.3V 1.25A, 5.0V 2A, 6.3V 1.7A. COMPLETE WITH TUBES: 5R4, 6Y6, 6SH7, 2K25, 2/0B2, 2/6SL7. SIZE: 18 1/2 x 12 x 11; WT: 35 LBS. USED WITH CASE AND METER.... \$14.95 USED WITH CASE NO METER.... \$11.95

400 CYC. SUPPLY

SCOPE POWER SUPPLY 110 VOLT 380-420 CYCLE INPUT, OUTPUT APPROX. 1800 VOLTS 1.5 MA. WITH TRANSFORMER, 2/CONDENSER .1 4000 VDC, 1/122 TUBE, TERMINAL STRIP RESISTORS ETC. SIZE: 6x7x5; WT: 5 LBS. GE Assy #7608055 \$2.95

PP-11/APS-10 POWER SUPPLY AS USED IN THE APS-10 RADAR SET. OPERATES FROM 115 VOLTS 400 CYC & 24 VDC FOR FILAMENTS, SUPPLIES 4000 VDC 105 VDC & 300 VDC. WITH TUBES 6X5 VR-105, 5R4, 6Y6, 6SH7, 2X2. SHOCK-MOUNTED CHASSIS, SIZE: 9x11x13; WT: 21 LBS PRICE: USED \$4.95 NEW \$6.95

WIRE RECORDER

IC/VRW-7 WIRE RECORDER 3" REEL 0.006 DIA. WIRE. ONE INPUT CHANNEL, 600 OHM IMPERANCE, 290 RPM RECORDING SPEED. FREQUENCY RESPONSE 300-3500 CPS. OPERATES FROM 28 VDC. COMPLETE WITH TUBES 2/28D7, MX 303A/ANQ-1 WITH WIRE FOR 60 MINUTES. FRONT CONTROLS FOR VOLUME INPUTS FOR MIKE AND RECEIVER, OUTPUTS FOR TWO HEADPHONES, AND AN ON/OFF SWITCH. (THIS IS A RECORDER ONLY) SIZE: 12 1/2 x 7 1/2 x 6 1/2 WT. 16 LBS. PRICE: \$9.95 USED

MIRROR-MATIC

AUTOMOBILE REAR VIEW MIRROR: AUTOMATICALLY CHANGES ANGLE OF MIRROR WHEN HEADLIGHTS OF CAR IN THE REAR STRIKES MIRROR. OPERATES 12 VOLTS D-C WITH PHOTO-CELL, 1/12K5 TUBE, SPST RELAY, RELAY THAT FLIPS MIRROR AND SENSITIVITY CONTROLS. CAN ALSO BE OPERATED BY A FLASHLIGHT OR OTHER LIGHT SOURCE. SIZE: 10 1/2 x 2 1/2 x 1 1/2; WT: 3 LBS. PRICE: \$3.95

R. F. TUNER

TN-329/SRT RADIO FREQUENCY TUNER, USED FOR LOADING ANTENNA CIRCUIT CONSISTS OF 4 VARIABLE INDUCTANCE COILS TWO FOR FREQ. 6-15MC, ONE 2-6 MC & ONE AUTOTRANSFORMER TYPE FOR BOTH RANGES OF FREQ ALSO 4 VERNEIR TYPE DIALS 2" PHASTRON METERS 2 1/2" RUGGEIZED 0-1 MA. D.C. & 0-300 MA. D.C. FOUR HIGH VOLTAGE VACUUM JENNINGS W-6, W-10, W-15 & W-125, RATCHET TYPE SWITCHING ASSY WITH 2 DECM ROTARY CERMAIC WAFERS. (NO COVER WITH UNIT.) SIZE: 11x12x14; WT: 25 LBS. \$39.95

TELETYPE TESTER

TS-2/TG TELETYPE SIGNAL DISTORTION TEST SET CAPABLE OF SENDING NORMAL OR DISTORTED SIGNALS FOR TESTING MARGINS OF START/STOP MECHANISMS AND TESTING EFFICIENCY OF THE SELECTOR UNITS. SIZE 18x13x14; WT: 90 LBS. USED \$75.00

RADAR TEST SET

1-242 RADAR TEST SET DESIGNED TO FURNISH A COMPARATIVE INDICATION OF TRANSMITTER OUTPUT AND MEASURE PULSE RECURRENCE RATE. CONSISTS OF DUMMY LOAD WITH 3" METER 0-50 MA WITH 0-100 SCALE. UNUSED SIZE 8x10x11; 14 LBS \$8.95

15,000 VOLT TESTER

HIGH VOLTAGE D.C. INSULATION TESTER; 115 VOLT 60 CYC. & 28 VOLT D.C. INPUT, OUTPUT 15,000 VOLTS VARIABLE, 100/500 MICRO-AMPS. POWERSTAT VARIABLE TRANS. 3 AMP. 3" METERS. 0-100/1000 MICRO AMP. 0-2/20 KILOVOLTS. SIZE: 8 1/2 x 12 1/2 x 6 1/2 WT. 42 LBS. USED \$34.95

PUMP TEST

DESICCATOR PUMP TEST FIXTURE: CONSISTS OF AIR FLO-SCOPE INDICATOR WITH 4" MAGNETIC METER 0-8 INCHES OF WATER AND PRESSURE CONTROL VALVE ALSO TWO 3" SQUARE METERS 0-50 VDC 500 OHMS PER VOLT AND 0-5 AMP METER, RHEOSTAT, SW, PILOT LIGHT ETC. UNIT IS HOUSED IN METAL CARRING CASE 21x13x6; WT: 25 LBS. PRICE: USED \$14.95

CONTROL BOX

C-847/U CONTRL BOX FOR AN/VRC-19. CONTROL BOX CONTAINS 2 PILOT LIGHTS, MOMENTARY SPEAKER CONTROL SQUELCH CONTROL, FREQUENCY CONTROL, AND EXPLOSION PROOF SPEAKER. WHOLE UNIT IS WEATHER-PROOF. SCHEMATIC IS INCLUDED. WT. 6 LBS. SIZE: 9x5 1/2 x 3 1/2. PRICE: \$8.95 USED U-77/U CONECTOR PLUG FOR HANDSET USED \$1.00

RECEIVER

ARN-5D GLIDE PATH RECEIVERS USED IN AIRCRAFT TO RECEIVE A MODULATED SIGNAL 90 & 150 CYC. ON 332.6, 333.8 MC. OPERATES FROM 24 VDC. COMPLETE WITH TUBES 7/6AJ5, 2/12SN7, 1/28D7. SIZE: 5 1/2 x 6 1/2 x 11; WT. 12 LBS. CRYSTALS NOT INCLUDED PRICE: USED, R-89/ARN-5 \$5.95 R-268/ARN-5 \$6.95 R-430/ARN-5 \$5.95

AMPLIFIER

AM-142/AIC MIXER AMP. USED IN LARGE AIRCRAFT INTERCOMMUNICATION SYSTEMS AS AN AUDIO LINE BOOSTER AND MIXER. INPUT IMPEDANCE 500 OHM, OUTPUT 600 OHM. OPERATES FROM 24 V.D.C. AND IS COMPLETE WITH ONE 26A7 TUBE AND SCHEMATIC. SIZE: 5x5x2; WT: 2 1/2 LBS. USED \$1.50

MOBILE EQUIPMENT

MOTOROLA TRANSMITTER FMT-25V 30-40 MC. F.M. CRYSTAL CONTROL SINGLE CHANNEL, 25 WATT, 6 VOLT POWER SUPPLY WITH TUBES 3/7C7, 2/7A8, 1/RK391807, 1/6V6. SIZE 15 1/2 x 9 1/2 x 9 3/8 PRICE: WITH COVER \$14.95 (USED) LESS " 9.95

MOTOROLA TRANSMITTER FMTU300 152-172 MC. F.M. 6 VOLT DYNAMOTOR SUPPLY, CRYSTAL CONTROL, 25 WATT, WITH TUBES 3/7C5, 2/7A8, 1/7C7, 3/2E24. SIZE: 15 1/2 x 9 1/2 x 9; WT: 30 LBS. LESS CRYSTALS, USED PRICE: W/TUBES & COVER \$19.95; L/COVER \$15.00

PHILCO TRANSMITTER PRT150GT 154-172 MC. FM. 30 WATT, 6 VOLT DYNAMOTOR P.S. CRYSTAL CONTROL SINGLE CHANNEL TUBES, 2/3A4, 1/9003, 1/6B16, 2/2E24, 1/6CA, & 1/2E30. USED COND SIZE: 15 1/2 x 10 1/2 x 8; WT: 35 LBS. PRICE: W/TUBES, L/CRYST. \$14.95

PHILCO RECEIVER PRT72G 70-80 MC.F.M 6 VOLT VIBRATOR POWER SUPPLY, CRYSTAL CONTROL, SQUELCH CIRCUIT WITH TUBES 3/6B16, 3/6AK5, 2/6AQ6, 1/6CA, 1/7F7 & 1/7A8. USED LESS CRYST. SIZE: 15 1/2 x 10 1/2 x 8; WT: 30 LBS. \$14.95

LINK 152 TO 172 MC. F.M. 6 OR 12 VOLT \$59.50

COMMERCIAL TYPE MOBILE COMMUNICATION RADIO SET MFG. BY LINK. TRANSMITTER #1906 50 WATT USING 2/2E26 TUBES DRIVING 829 IN THE FINAL ALSO 1/7AG7, 1/7F7 & 1/7W7 TUBES. WITH 12 VOLT DYNAMOTOR POWER SUPPLY. RECEIVER #1905 SELECTIVE DOUBLE CONVERSION WITH SQUELCH CIRCUIT & 2/7A6, 7/7AG7, 1/7F7, 1/7B5 & 2/6AK5 WITH 12 VOLT VIBRATOR POWER SUPPLY. BOTH UNITS ARE CRYSTAL CONTROL PHASE MODULATED 15 KC. UNITS HAVE RECENTLY BEEN REMOVED FROM CARS AND HAVE TUBES, CONTROL BOXES, CABLES WITH PLUGS (THAT MAY HAVE TO BE SPLICED) ETC. PRICE, AS DESCRIBED \$59.50

R-316/ARR-26 RECEIVER 162.25 - 173.5 MC. FM NO COVER SUPPLIED DESIGNED TO RECEIVE SONOBOY SIGNALS ON 16 PRE-SET CHANNELS. WITH TUBES 1/6J6, 2/6AL5, 1/6AS7, 1/6AU6, 1/12AU7, 1/12AV7 & 7/6AK5. NO POWER SUPPLY, REQUIRES 280 VDC @ APPROX. 125 MA. AND FILAMENT VOLTAGES. OUTPUT OF THE SET USES A 12AU7 IN A CATHODE FOLLOWER CIRCUIT WHICH IS SUFFICIENT FOR HEAD SET. (SCHEMATIC AND CONVERSION INFORMATION FOR 145-175 MC SUPPLIED WILL INCLUDE ADDITION OF AUDIO, SQUELCH AND 115 VOLT 60 CYCLE POWER SUPPLY CIRCUITS.) SIZE 5x8x17; WT: 13 LBS. PRICE: USED \$22.95

R-74/CRW-2 RECEIVER

HIGH FREQUENCY FOR REMOTE CONTROL USE IN THE 53-88MC BAND ON PRESELECTED CHANNEL SINGLE FIXED FREQ. COMPLETE WITH TUBES: 1/6SG7, 1/6J5, 3/6SL7, 1/6SN7 & 24 VOLT DYNAMOTOR SIZE: 6x8x10 WT: 13 LBS. PRICE: RE-NEW \$4.95

GIBSON GIRL

GIBSON GIRL TRANSMITTER ASSEMBLY 500 KC. SINGLE CHANNEL, CONSISTS OF TRANSMITTER SECTION OF THE SCR-578/BC-778 EQUIPMENT, USES 1/12SC7 & 1/12A6 TUBES. W/ GOLD PLATED VARIABLE CONDENSER 20 TO 245 MMFD. COILS, COND, RESISTOR TRANSF. SOCKETS ETC. REQUIRES 24 VOLT FOR FILAMENTS (CAN BE REWIRED FOR 12) AND 300 VDC 25 MA. FOR HIGH VOLTAGE. SCHEMATIC SUPPLIED. (CRANK GENERATOR AND GEAR TRAIN LISTED PAGE 8 SIZE: 6 1/2 x 7 1/2; WT: 3 LBS. NO TUBES, PRICE \$2.95

S.O.S CODER WHEEL WITH GEAR TRAIN, SWITCHING ASSY. RELAY, PILOT LIGHT ASSYS, ETC. FOR ABOVE TRANSMITTER. PRICE: \$1.00



GENERATOR (ANGLE TRANSMISSION) ROTOR 2 PHASE
24 VOLT, STATOR 2 PHASE 20.6 VOLT 400 CYCLE.
PART#BGG-15-DS-10; SIZE 1 1/2 x 2 1/4 (CLIFTON) \$2.95

RESOLVER TRANSMISSION GENERATOR, JOHN OSTER
TYPE 15-4042-06, DWG.#C45 \$2.95

TRANSMISSION GENERATOR MFG. ARMA, TYPE 03TG-
400X1, DWG.#93054 \$2.95

RESOLVER MFG. BY ARMA, TYPE 03X1-400
DWG.#93001. \$2.95

RESOLVER MFG. BY CLIFTON PART#BSC-15DS ROTOR
2 PHASE 0.5-16 VOLT, STATOR 0.5-16 VOLT 400 C
CYCLE. \$2.95

GENERATOR INDUCTION, 24 VOLT 400 CYCLE
EASTERN AIR DEVICES#J2GM07-40 \$2.95

RESOLVER BY OSTER TYPE 15-4042-04 \$2.95

SERVO CONTROL MOTOR BY OSTER, 115 VOLT 400
CYCLE NO LOAD SPEED 5000 RPM, TORQUE 1.45
OZ. IN. \$2.95

THE FOLLOWING EXPLANATION IS THE BASIC PRINCIPAL OF OPERATION OF THE SYNCRO, SELSYN, AND AUTOSYNS.

THESE MOTORS ARE SPECIALLY DESIGNED HAVING A ROTOR/SHAFT THAT WILL ALWAYS ASSUME THE SAME POSITION AS ON A ROTOR/SHAFT OF THE SAME TYPE MOTOR THAT HAS BEEN ELECTRICALLY CONNECTED TOGETHER EVEN THOUGH THE UNITS ARE LOCATED SOME DISTANCE FROM EACH OTHER. THE MOST IMPORTANT FEATURE ABOUT THESE MOTORS IS THAT THE SHAFT/ROTOR DOES NOT TURN CONTINUOUSLY EVEN THOUGH THEY ARE ENERGIZED BUT THE ROTOR/SHAFTS REMAIN MOTIONLESS UNTIL ONE OR THE ROTOR/SHAFTS IS MOVED BY SOME EXTERNAL FORCE IN WHICH CASE BOTH ROTOR/SHAFTS WILL MOVE AT THE SAME TIME, AT THE SAME RATE AND STOP AT THE SAME TIME, IN THE SAME DEGREE OF ROTATION AS THE ROTOR/SHAFT THAT HAS HAD THE EXTERNAL FORCE APPLIED TO IT.

USED CHIEFLY FOR OBTAINING A REMOTE INDICATION OF POSITION OF SOMETHING OR REMOTE CONTROL OF A POSITIONER.

SYNCHRO: A TYPE OF WOUND-ROTOR AC MOTOR USED FOR REPEATING ANGULAR MOTION BOTH AS TO TOTAL ANGLE AND SPEED. THE NAME SELSYN IS USED SYNONYMOUSLY WITH SYNCHRO.

SYNCHRO GENERATOR: A SYNCHRO WHICH HAS AN ELECTRICAL OUTPUT PROPORTIONAL TO THE ANGULAR POSITION OF ITS ROTOR.

SYNCHRO CONTROL TRANSFORMERS: A SYNCHRO IN WHICH THE ELECTRICAL OUTPUT OF THE ROTOR IS DEPENDENT ON BOTH THE SHAFT POSITION AND THE ELECTRICAL INPUT OF THE STATOR.

SYNCHRO DIFFERENTIAL GENERATOR: THE SYNCHRO UNIT WHICH RECEIVES AT 1ST PRIMAR TERMINALS AN ORDER FROM A SYNCHRO GENERATOR, MODIFIES THIS ORDER MECHANICALLY BY ANY DESIRED AMOUNT BY THE ANGULAR POSITION OF THE ROTOR AND TRANSMITS THE MODIFIED ORDER FROM ITS SECONDARY TERMINALS TO THE OTHER SYNCHRO UNITS.

RESOLVER: AN ELECTROMECHANICAL UNIT, SIMILAR TO A SYNCHRO, USED TO RESOLVE INCOMING VOLTAGE INTO THEIR SINE AND COSINE COMPONENTS AS REFERRED TO ANGLE OF SHAFT ROTATION. RESOLVERS MAY BE SUPPLIED WITH TWO ROTOR WINDINGS FOR RESOLUTION OF THE SINE AND COSINE COMPONENTS OF THE VECTOR SUM OF TWO QUADRATURE IMPUTS.

WIND DIRECTION INDICATOR



TO MAKE AN ELECTRIC WIND DIRECTION INDICATOR YOU WILL REQUIRE THE FOLLOWING PARTS AND USE WIRING DIAGRAM #3.

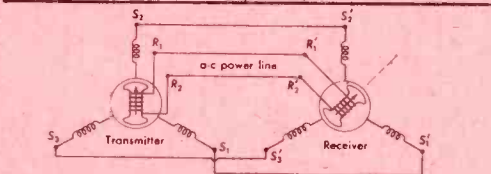
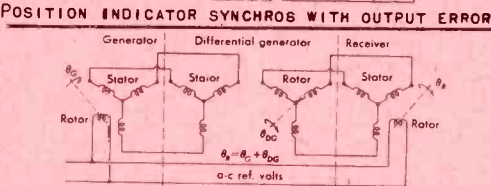
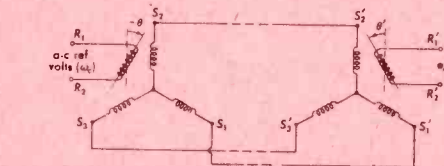
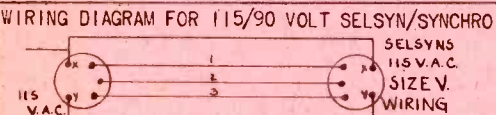
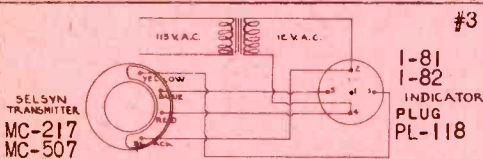
- MC-507 SELSYN/AUTOSYN TRANSMITTER USED \$3.95
- 1-81A INDICATOR 3" USED 2.95
- 1-82A INDICATOR 5" USED 3.95
- FAIR #2468 TRANSFORMER 12 VOLT. 1.95
- PL-118 PLUG FOR 1-81A INDICATOR(OPTIONAL) 2.50
- FOUR WIRE CABLE PER FOOT .04

FROM THE TOP OF THE MC-507 REMOVE THE SPRING SPRING TENSION POST, AND DIAL POINTER. LOOSEN THE 24 COMPENSATING SCREWS, AROUND THE HOUSING JUST BELOW THE SCALE, ENOUGH SO THAT THE DISK THAT IS ON THE SHAFT ROTATES FREELY. YOU CAN MAKE ANY TYPE VANE YOU DESIRE KEEPING IN MIND THAT THE LIGHTER IT IS THE EASIER IT WILL TURN AND GIVE A TRUER INDICATION. THE STEM CAN BE OF PLEXIGLASS OR ANY OTHER LIGHT MATERIAL. DRILL A HOLE IN THE STEM THE SIZE OF THE MOTOR ROTOR/SHAFT SO THAT IT WILL FIT TIGHTLY OR USE ANY OTHER COUPLING DEVICE, MOUNT THE VANE ON THE TOP OF THE STEM, LOCATE THE MOTOR WITH THE MOUNTED VANE WHERE YOU WANT IT, (MOTOR SHOULD BE WATERPROOFED) WIRE UP THE MOTOR, TRANSFORMER, SWITCH AND INDICATOR AS SHOWN IN DIAGRAM #3, TURN THE SWITCH ON, TURN THE VANE UNTIL THE INDICATOR POINTS TO ZERO, THEN ADJUST THE POSITION OF THE VANE ON THE MOTOR SO THAT IT POINTS NORTH.

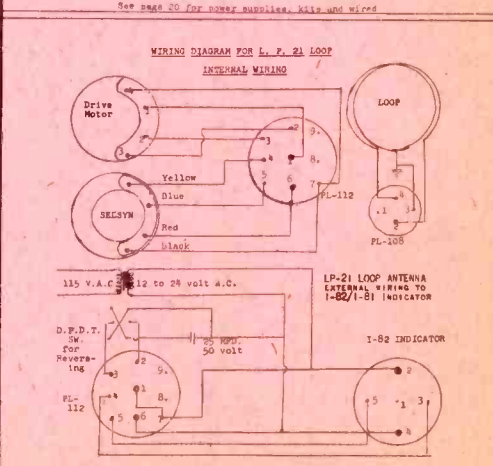
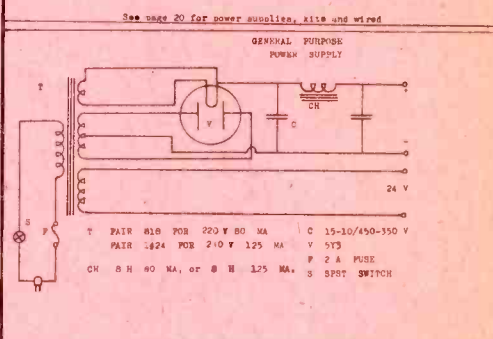
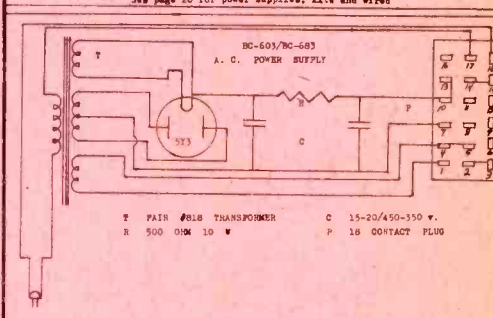
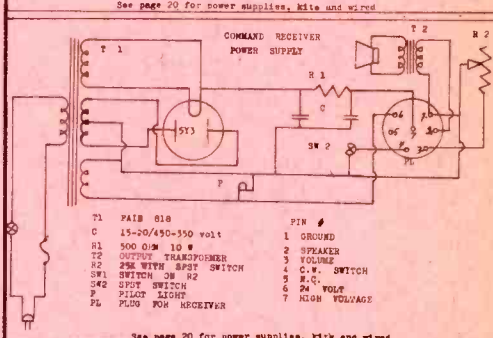
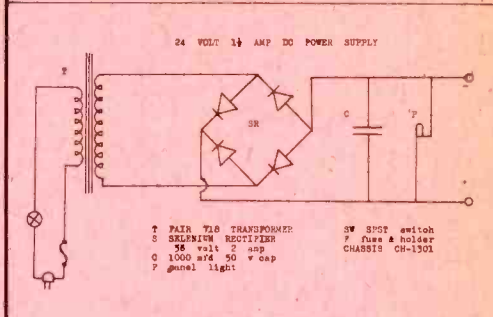
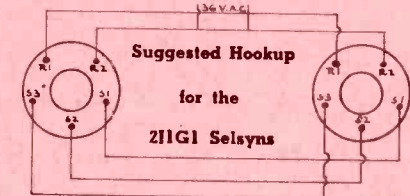
YOUR WIND DIRECTION INDICATOR SHOULD NOW BE READY TO OPERATE.

REMOTE INDICATOR

THE SELSYN TRANSMITTER MC-507 AND INDICATORS 1-81 AND 1-82 CAN BE USED TO INDICATE POSITION OF ALL TYPES ROTATABLE RADIO ANTENNAS TO A REMOTE POINT. SUITABLE GEAR ARRANGEMENT MUST BE MADE TO THE SELSYN TRANSMITTER AND THIS IN TURN ADJUSTED SO THAT THE ANTENNA IS IN LINE WITH THE INDICATOR. WITH PROPER ALIGNMENT, WHEN THE ANTENNA IS TURNED TRUE INDICATION WILL SHOW ON YOUR INDICATOR. SEE SCHEMATIC #3



WIRING DIAGRAM FOR 2J1F1 OR 2J1G1 SELSYNS FOR OPERATION FROM 36 VOLT 60 CYCLE.



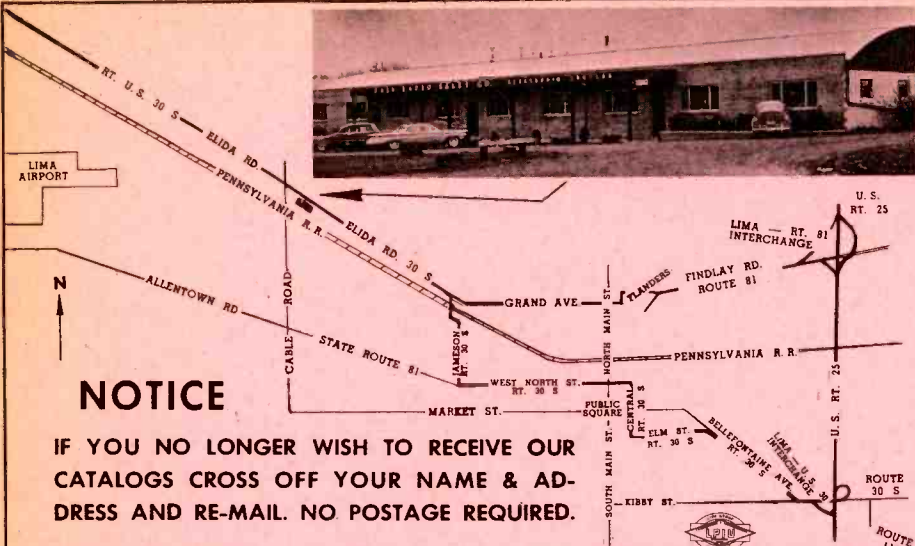
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 P. O. BOX 1105

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NOTICE

IF YOU NO LONGER WISH TO RECEIVE OUR CATALOGS CROSS OFF YOUR NAME & ADDRESS AND RE-MAIL. NO POSTAGE REQUIRED.

ANTENNA COUPLER

ANTENNA COUPLER AND ACCESSORY CASE. USED TO CHECK R-F POWER OUTPUT AND ELLIPTICITY OF CIRCULARLY POLARIZED ANTENNAS FROM ELECTRONIC COUNTERMEASURES SYSTEMS UNDER ACTUAL OPERATING CONDITIONS. FREQUENCY 950-10,500 MC. COUPLING ATTENUATION 40-3 DB. POWER DISSIPATION 500 WATTS. ACCESSORY CASE CONTAINS ATTENUATORS AND ATTACHMENTS FOR TESTING VARIOUS FREQUENCIES. ANTENNA COUPLER SIZE: 12x21, WT. 22 LBS. ACCESSORY CASE SIZE: 12x12x16, WT. 28 LBS. #7507649P22 PRICE: \$39.95



ANTENNA COUPLER STAND, EXTENDS TO 90". SIZE: 39x5 INCHES. WT. 30 LBS. PRICE: \$9.95

THANK YOU

YOUR ORDERS ARE APPRECIATED AND WILL RECEIVE OUR PROMPT CAREFULL ATTENTION

701A TETRODE

THIS TUBE IS INTENED FOR PULSE MODULATOR OPERATION AND WILL MAKE A GOOD HIGH POWER R.F. AMPLIFIER. IT HAS A INDIRECTLY HEATED CATHODE. FILAMENT 7.5 7 AMPS. PLATE 2000/3500 VDC, 350/250 MA. SEE SURPLUS CON. MANUAL #3 OR TUBE MANUAL FOR OTHER INFORMATION. TUBE SIZE: 7 1/2 x 4 1/2; WT: 5 LBS. PRICE: \$3.95 EA. 2 FOR \$7.00



R-48/TRC-8 RECEIVER

R-48/TRC-8 RECEIVER F.M 230 TO 250 MC. ONE BAND VARIABLE TUNING, SPEAKER PHONE JACKS, SQUELCH CIRCUIT. WITH TUBES 8/6AG7, 1/9002, 1/504, 1/6V6 1/VR-150, 1/6N7, 1/6SN7, 1/6AL7. OPERATES FROM 115 VOLT 60 CYCLE. SIZE: 20x19x16; WT: 75 LBS. PRICE: WITH TUBES, LESS METER \$24.95 WITH TUBES, LESS METER, LESS DIAL \$19.95



W.U. INTRAFAX



TRANSMITTER SCANS THE DATA THAT IS FED INTO THE MACHINE WITH A LIGHT SOURCE AND PHOTO ELECTRIC CELL WHICH IS AMPLIFIED AND SENT BY WIRE TO THE RECORDER WHICH THEN REPRODUCES THE DATA ON SENSITIZED PAPER 1 1/2" WIDE. THE TRANSMITTER USES TUBES 1/1X2, 1/6C4, 1/6AQ5, 1/931A (PHOTOELECTRIC), LIGHT SOURCE, SYNCHRONIZING MOTORS, GEARS ETC. THE RECORDER DOES NOT HAVE ANY TUBES BUT HAS THE SCANNING MECHANISM, MOTORS, RELAYS ETC. EQUIPMENT OPERATES FROM 115 VOLT 60 CYCLE BUT DOES NOT HAVE THE POWER SUPPLY REQUIRED THE THE TUBES, PHOTO-ELECTRIC, LIGHT SOURCE AND SCANNING CIRCUITS. TRANSMITTER SIZE 18x18x7; WT: 40 LBS. #7762A RECORDER SIZE 18x12x7; WT: 33 " #7771A PRICES: BOTH UNITS FOR \$39.95 NEW

DYNAMOTOR TESTER



TS-414 DYNAMOTOR TESTER THIS EQUIPMENT PROVIDES A MEANS OF TESTING DYNAMOTORS OF SEVERAL TYPES UNDER LOAD CONDITIONS. PROVISION IS MADE FOR THE MEASUREMENT OF INPUT VOLTAGE, INPUT CURRENT, OUTPUT VOLTAGE, OUTPUT CURRENT AND OUTPUT RIPPLE VOLTAGE OF BOTH SINGLE AND MULTIPLE OUTPUT DYNAMOTORS. METERS; INPUT D.C.V.; INPUT AC VOLTS RMS; DC OUTPUT CURRENT; DC OUTPUT VOLTS POWER REQUIRED: 14/28 VDC, 50 AMPS. SIZE: 27x21 1/2 x 17 1/2; WT. 100 LBS. PRICE: \$99.95

PUT VOLTAGE, OUTPUT CURRENT AND OUTPUT RIPPLE VOLTAGE OF BOTH SINGLE AND MULTIPLE OUTPUT DYNAMOTORS. METERS; INPUT D.C.V.; INPUT AC VOLTS RMS; DC OUTPUT CURRENT; DC OUTPUT VOLTS POWER REQUIRED: 14/28 VDC, 50 AMPS. SIZE: 27x21 1/2 x 17 1/2; WT. 100 LBS. PRICE: \$99.95

SIGNAL RECORDER

SIGNAL DATA RECORDER TEST SET USED FOR TESTING TAPE TYPE RECORDERS IN AIRCRAFT. OPERATES FROM 115 VOLT 400 CYCLE, WITH 2/5787W & 2 VOLTAGE REGULATOR TUBES, 3 1/2" RD. 0-50 MICRAMPERES METER, PICK-UP HEAD, CABLE ETC. IN CARRING CASE. SIZE 13x6x9; WT: 12 LBS. #7CAC-801319-628 \$24.95



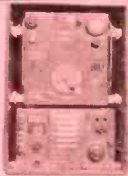
RADAR TEST SET

AN/UPM-8 RADAR TEST SET DESIGNED TO PERFORM RAPID PRE-FLIGHT CHECKS OF INSTALLED TRANSPONDERS. UNIT CHECKS TRANSMITTER AND RECEIVER FREQUENCY, POWER OUTPUT, AND PULSE SPACING SIMULTANEOUSLY. COMPLETE WITH TUBES: 6AU6; 3/6D4; 2/12AT7; 2/6AH6; 6/6AN5; 2/6F4; 5876; 2/5814A; 5687; 5675; 2/6AK5; 2021W; 6AL5; 2/6X4W; 0A2WA; 0B2WA; 2/5670; 2N274. POWER REQUIRED 115v 50-1000 CYCLES. SIZE: 14x13 1/2 x 13 1/2. WT. 40 LBS. \$39.95



T-30/TRC-8 TRANSMITTER

T-30/TRC-8 TRANSMITTER F.M 12 W. 230 TO 250 MC. CONTINUOUS TUNING, NOT CRYSTAL CONTROL, FREQ. DEV. 100 KC. OPERATES FROM 115/230 V. 50/60 CYC. USING PP-115/TRC-8 POWER SUPPLY. TRANSMITTER TUBES 3/829B, 1/6H6, 2/6SN7, PP-115/TRC8 2/5U4G TUBES. TRANS. SIZE WITH POWER SUPPLY 12x20x12; WT: 80 LBS PRICE: USED LESS TUBES \$24.95 TM-11-618 MANUAL FOR TRC-8 REC. & TRANS. \$3



PRESSURE TRANSDUCER

PRESSURE TRANSDUCER, TESTER HUGHES 486005-110; USED FOR CHECKING AIRCRAFT PRESSURE, OPERATES FROM 24 VDC, CONTAINS PUMP, STATIC PRESSURE INDICATOR DIFFERENTIAL PRESSURE INDICATOR PRECISION PRESSURE INDICATOR VALVES, CONTROLS ETC. SIZE 22 1/2 x 22 x 15; WT: 80 LBS PRICE: \$49.95



RANGE CALIBRATOR

AN/UPM-11 RANGE CALIBRATOR ELECTRONIC DEVICE WHICH PROVIDES A MEANS OF CALIBRATING ACCURATELY THE RADAR RANGE OF ANY X-BAND RADAR SYSTEM. COVERS FREQUENCY RANGE 8500-9600 MC. PROVIDES MARKERS FROM 200 TO 50,000 YARDS. CONTAINS BOTH MANUAL AND AFC TUNING. POWER REQUIRED 115v 50-1000 CYCLES. SIZE: 15x19x22. WT. 85 LBS. \$100.00



GAS ENGINE GENERATOR



COMPACT, LIGHTWEIGHT, PORTABLE ELECTRIC GENERATING SET CONSISTING OF A 1 HP, 3000 RPM 1 CYLINDER, AIR COOLED, 2 CYCLE, MANUAL ROPE STARTING GASOLINE ENGINE DIRECTLY CONNECTED TO A DC, SHUNT WOUND, SELF EXCITED, FOUR POLE GENERATOR CONTAINED IN A FRAME OF TUBULAR CONSTRUCTION MOUNTED ON A RUBBER SHOCK MOUNTING. GENERATOR OUTPUT IS 6.2/7 VDC 3.5 AMP. AND 500 VDC 230/250 MA. UNIT HAS JUNCTION BOX FOR CONNECTING CABLES FOR USE WITH USE WITH RADIO SETS SCR-694/BC-1306, AN/GRC-9/RT-77 AND IS APPLICABLE TO OTHER EQUIPMENT. COMPLETE WITH TOOLS AND INSTRUCTION BOOK. SIZE: 17 1/2 x 16 1/2 x 11 WT: 57 1/2 SHPG. WT: 125 LBS. NEW \$39.95



WORLD'S FINEST SURPLUS BARGAINS..

Fall & Winter '65

RADAR FREQUENCY AMP.



R-9 RADAR FREQUENCY AMP. USED TO INCREASE OUTPUT OF TEST EQUIPMENT IN 2750-2950 MC RANGE. POWER APPROX. 6 WATTS FROM 2C40 TUBE. CONTROLS FOR POWER AND FREQUENCY. COMPLETE WITH TUBES 2C40; 6AN5; 5687; 12AT7; 2X2; 2/0A2; 0B2; 2/5Y3; 5C66; SIZE: 10 1/2 x 17 1/2 x 20. WT. 43 LBS. PRICE: \$19.95

100-2000 KC TRANSMITTER



1-339/UR TRANSMITTER. CONTINUOUS TUNING 100-2000 KC IN THREE BANDS WITH MASTER OSCILLATOR CONTROL. OPERATES FROM 115V 60 CYC OR INTERNAL BATTERIES (NOT INCLUDED) 2/BA-419/U. 90V 1/BA-412/U 6V. COMPLETE WITH TUBES 1/5Y3; 3/6AK6; POWER OUTPUT APPROX. 1 WATT. SCHEMATIC INCL. 12 1/2 x 14 1/2 x 17 WT. 40 LBS. PRICE: \$24.95 UNUSED

TRANSMITTER-RECEIVER



LINK 2975-10VR-D2A TRANSMITTER-RECEIVER. FREQUENCY RANGE 450-460 MC. POWER OUTPUT 25 WAT CABLES, CONTROL BOX, AND MIKE INCLUDED. COMPLETE WITH TUBES 4/6BH6; 6AQ5; 5/6BJ6; 3/6AL5; 2/12AX7; 5/12AT7; 12AU7; 6AK5; 5J4; 2/6CL6; 5763; 2/5894. SIZE: 19 1/2 x 14 x 5. WT. 36 LBS. PRICE: \$24.95 AS IS

COMCO MODEL 278 TRANSMITTER-RECEIVER

225-400 MC RECEIVER-TRANSMITTER FOR 6/12/24 VOLT OPERATION. POWER OUTPUT 2-3 WATTS. UNIT IS CRYSTAL CONTROLLED (CRYSTALS NOT INCLUDED). COMPLETE WITH TUBES: 2E26, 5686, 5/6BH6, 12AX7, 2/6AQ5, 6AT6, 3/6BJ6, 6BE6, 2/6AK5, 6AK6. UNIT COMPLETE WITH TUBES, CABLES, SPEAKER, AND CONTROL BOX. SIZE: 12 1/2 x 11 1/2 x 5. WT: 35 LBS. USED \$49.95



TRANSFORMERS & CHOKES

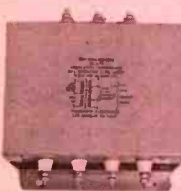
FOR MORE SEE PAGES 12, 13, AND 24

PLATE TRANSFORMER

PRI: 220 VOLTS 50-60 CYCLES
SEC: 2430-1315-0-1315-2430 v @ 1.7 AMPS
SIZE: 17x13x11. WT. 250 LBS.
#CS-6264
PRICE: \$39.95



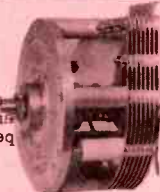
500 WATT MODULATION TRANSFORMER
PRI: 6600 OHMS CT @ 500 MA
SEC: 4600 OHMS @ 400 MA
ALSO TAPPED FOR 2300 OHMS @ 800 MA. 2800 WV.
RESPONSE: 200-4000 CPS
SIZE: 8 1/2 x 8 1/2 x 7 1/2. WT. 45 LBS
P/O T-4FRC TRANS.
FSN 5950-250-1753
PRICE: \$16.95



BUTTERFLY CONDENSERS



C-701
135-485 Mc
4 1/2" dia. 2 1/2" deep
Price: \$4.95



C-904
106-330 Mc
4 1/2" dia. 3" deep
Aornn socket for 955 tube.
Price: \$4.95

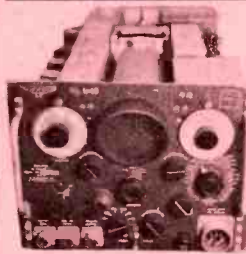


C-706
300-1000 Mc
2 1/2" dia. 2 1/2" deep
Price: \$3.95



H-3621
300-1000 Mc.
2 1/2" dia. 2" deep
Price: \$3.95

PULSE ANALYZER & SCOPE



ID-59/APA-11 RADAR PULSE ANALYZER & SCOPE WITH REPETITION FREQUENCY 200-8000 CPS WITH EITHER NEG. OR POS. PULSED SIGNAL. CALIBRATED DIALS FOR PULSE RATE AND WIDTH, AND PULSE DELAY. CAN ALSO BE USED AS A CATHODE RAY OSCILLOSCOPE. COMPLETE WITH 3PP1 CATHODE RAY TUBE 3". 4/6SN7; 3/6AC7; 3/6AG7

2/0D3; 6SJ7; 6J5; 5U4; 2X2; SIZE: 10 1/2 x 8 x 2 1/2. WT. 43 LBS. PRICE: \$19.95

DIVERSITY RECEIVER



DIVERSITY RECEIVING EQUIPMENT PROVIDES A MEANS FOR COMBINING THE OUTPUT THE OUTPUT OF THREE RECEIVERS TO PRODUCE A SINGLE KEYED AUDIO OUTPUT SIGNAL, FREE FROM NOISE AND OTHER UNDESIRABLE INTERFERENCE. IT IS SUITABLE FOR USE ONLY IN CW & MCW SIGNALS AND NOT VOICE.

THE BAND PASS FILTER IS FOR 600 TO 1200 CYC. AND THE OUTPUT OF EACH RECEIVER IS INDICATED ON THE METERS WHICH ARE 500 MICROAMP. THE AUDIO FREQ. CONTROL CAN BE ADJUSTED FOR THE PROPER BAND PASS. INPUT AND OUTPUT IMPEDANCE IS 600 OHMS. EQUIPMENT OPERATES FROM 115/230 VOLT 50/60 CYC. AND CAN BE RACK MOUNTED.
W/TUBES 1/VR-150, 1/6F8, 3/6A6, 2/6SJ7, 1/77, 1/1V, 1/80. SIZE: 21x19x14; WT: 125 LBS.
PRICE: NEW WITH MANUAL \$24.95

GIBSON GIRL

BC-778 TRANSMITTER, EMERGENCY TYPE FOR USE ON THE DISTRESS FREQUENCY OF 500 KC. UNIT IS POWERED BY A HAND CRANK GENERATOR THAT SENDS AUTOMATICLY S.O.S SIGNAL, CAN ALSO BE KEYED MANUALLY, WITH 1000 CYCLE TONE MODULATION. WITH 2/12A6 TUBES AND ANTENNA WIRE REEL. (NO KITES, BALLOONS OR PARACHUTES AVAILABLE). SIZE 10x10x8; WT: 20 LBS. PRICE: TRANSMITTER ONLY USED \$29.95



T-74/CRT-3 TRANSMITTER, SAME AS ABOVE ONLY HAS DUAL CHANNEL 500 KC AND 8364 KC. MANUAL KEYING ON 500 KC. ONLY. USED \$75.00

BC-221 FREQ. METER



THIS IS A SIMPLE ACCURATE AND RELIABLE CRYSTAL CALIBRATED FREQUENCY INDICATING INSTRUMENT FOR USE IN THE 125 TO 20,000 KC. RANGE, WITH A NORMAL OPERATING ACCURACY OF LESS THAN .02%. CAN ALSO BE USED AS A SIGNAL GENERATOR OR VARIABLE FREQ. OSCILLATOR.

OPERATING VOLTAGE REQUIRED FOR DRY CELL OPERATION 6 VDC .9 AMP. @ 135 VDC 20 MA. SIZE: 10x13 1/2 x 10; WT: 25 LBS.

UNITS MAY BE IN WOOD OR METAL CASES VARIOUS LETTERS (A) COMPLETE WITH TUBES, CRYSTAL AND ORIGINAL CALIBRATION BOOK.

USED UNITS COMPLETE AS DESCRIBED CHECKED FOR OPERATION \$79.50

NEW UNITS COMPLETE AS DESCRIBED ABOVE PLUS HEADSET AND MANUAL. \$125.00

THESE UNITS ARE IN ORIGINAL GOV'T. PACKING IF YOU WANT THEM THIS WAY WE WILL NOT BE RESPONSIBLE FOR THEIR OPERATION. SPECIFY CHECKED OR ORIGINAL BOXES.

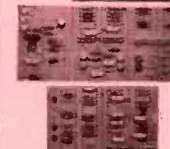
OSCILLOSCOPE

USM-24 OSCILLOSCOPE 3 INCH CR TUBE 3PP1 RECURRENT SWEEP, 8 CYC PER. SEC. TO 600 KC. TRIGGERED SWEEP 1.25-125 MICROSEC. VERT. DEFLEC. SENSITIVITY .035 HORIZ DEFLEC. 4.0V HORIZ RESPONSE .5 CYC PER SEC. TO 700KC., VERT. RESPONSE 4 CYC. PER. SEC. TO 10MC BEAM MOD. RESPONSE 50 CYC. PER. SEC. TO 10MC HORIZ INPUT IMPEDANCE 300, 000 OHMS. BEAM MOD. INPUT RESIST. 56,000 OHMS OPERATES FROM 115VOLTS 50-1000 CYC. RADIO FREQ. & MOD. CIRCUITS USE BCN SERIES COAXIAL CONNECTORS.



SIZE: 17x15x15; WT: 60 LBS. USED SERVICEABLE PRICES LISTED BELOW ARE LESS BLOWERS, PROBES CABLES, COAXIAL ADAPTERS AND AS OFFERED.
OS-51/USM-24 --- LESS FRONT AND PACK COVERS.....\$59.50
OS-26/USM-24 --- LESS FRONT COVER AND DELAY LINE.....\$44.95
OS-26/USM-24 --- WITH FRONT AND BACK COVERS, LESS DELAY LINE..\$49.95

TRANSISTOR BOARDS



TRANSISTOR BOARDS 5/ \$1.00 BOARDS SIMILAR TO THOSE PICTURED. EACH PACKAGE CONTAINS 5 BOARDS WHICH HAVE DIODES TRANSISTORS, CONDENSERS, AND RESISTORS. EACH BOARD 2 5/8 BY 3 7/8. WT. 9 OZ. PRICE: 5/ \$1.00

C.R. TUBE



5CPI1A CATHODE RAY TUBE 5" DIAMETER FACE, 16 1/2" LONG. F 6.3V @ .6 AMP A, 575V A2 2000V; A3 4000V; GRID BIAS -30/-90, D1D2 -92V, D3D4 74V; WT. 4 1/2 LBS. PRICE: \$1.50 EA. 4/\$5.00

SC 2799P7 C.R.T. 3 1/2" SQUARE FACE 12" LONG. USES SAME SOCKET AS 5CPI1A. \$1.50 EA. 4/\$5.00



FAIR RADIO SALES

2133 ELIDA ROAD

Route 30 South -- West of Lima
BOX 1105, LIMA, OHIO 45802
 TEL.: AREA CODE 419 227-7886

STORE HOURS
 MONDAY THRU SATURDAY
 9:00 A.M. TO 5:30 P.M.

TERMS

PRICES NET, F.O.B. LIMA, O.
 SEND CASH, CHECK OR MONEY
 ORDER with PURCHASE ORDER

MINIMUM ORDER \$3.00. Orders
 less than \$3.00 ADD \$.50
 HANDLING CHARGE.

Include sufficient money
 for shipping charges. (UNUSED
 PAYMENTS RETURNED AT ONCE.)
 Otherwise we will send ship-
 ping charges collect.

C.O.D. ORDERS, SEND 25% of
 PURCHASE with ORDER. BALANCE
 will be COLLECTED UPON DELI-
 very.

When writing for information
 PLEASE state what specific
 information you desire.

GENERAL ELECTRIC



A-C VOLTMETER
 TYPE AO-22 3 1/2" RD 0-15 SCALE
 25-133 CYCLE \$2.95

D-C MILLIAMMETER
 TYPE DO-41 3 1/2" RD.
 0-150 SCALE \$2.95

0-1.5 KILOVOLT SCALE
 FS-1 MA. (VJFB) \$2.95

D-C MILLIAMMETERS
 TYPE DO-41 3 1/2" RD
 0-100 0-200 EACH \$2.95

RF AMMETER
 TYPE DO-44 3 1/2" RD.
 0-20 SCALE \$3.95

GE 2 1/2" RD. AC VOLT 0-150
 60 CYCLE TYPE AW-41, USN
 #22085 OR EQUAL \$2.95

DB METER 3 1/2" RD.
 WEST. TYPE NC35
 SCALE 10-0-6
 USED \$3.95
 UNUSED 4.95

SIZES INDICATED ARE FOR METER HOLE OPENING



VOLTMETERS

- 0-150 AC Round flush type for 2-1/8" hole, Bakelite case. Westinghouse type NA-33, 25 to 125 cycles. Signal Corps No. 3F8150-69 6.25
- 0-300 AC 3" round flush type, bakelite case, Simpson and General Electric Mfg. Signal Corps No. 3F8300-28 7.50
- 0-15 AC-DC Voltmeter 2 1/2" RD. USED No. IS-122 2.95
- 0-30 DC Round flush type, for 2 1/2" hole. General Electric Mfg. Model 85W53A41. Stock No. 2DA7 5.75
- 0-300 DC Round flush type, bakelite case, shielded, for 2 1/2" hole. Sun Mfg. Model 2AU346. Stock No. 159E-12 5.75

MILLIAMMETERS

- 50-0-50 3" round flush type, bakelite case. Sangamo and Weston model 301. Signal Corps No. 3F3327 6.25
- 0-100 DC 3" round flush type, bakelite case. De-Jur model 310. Signal Corps No. 3F910-1 6.95
- 0-800 DC 3" round flush type, bakelite case, calib. for 1/8" steel panel. Signal Corps No. 3F980-2 6.95

R.F. METERS

- 0-10 AMPS 2-3/4" flange, for 2 1/2" hole, bakelite case. Weston model 507, Signal Corps No. 3F1010-24 5.95
- 0-1 AMPS 3" round flush type, bakelite case, Triplet model 0341-T or Weston model 425. Signal Corps No. 3F1001-31 6.25
- 0-100 MA For 2-1/8" hole, metal case. Calib. for 1/16" steel panel, with Thermocouple. General Electric model AAN21, type DW-52. Signal Corps No. 3F912 5.50

AMMETERS

- 0-30 DC 3" round surface mounting. Roller-Smith type TDS. Signal Corps No. 3F1030-9 6.95
- 0-30 DC 2" round flush type, metal case. Hoyt Meter Co. No. HL7-3, scale has marking for 12 volt and 6 volt. Signal Corps No. 3F1030-22 5.50
- 0-1.5 DC Milliamp. Tube checker scale 2 1/2" flush mtg. P/O I-56A W.No. 685-2 2.95



- R.F. AMPERES 0-4 SCALE W/ THERMOCOUPLE. 2 1/2 x 3 1/2, PANEL OR PORTABLE IN/OUT CIRCUIT SWITCH. WESTON LTD #10A/12667 \$3.95
- DC AMPERES 3 1/2" 0-300 SCAL USE W/ SHUNT 50 MV/200 A WESTON-M-643 ORD #173030 \$6.95
- RF MILLIAMP 2 1/2" 0-150 SCALE SIMPSON MODEL 35 \$3.95
- D.C. MILLIAMP 0-35 SCALE 2 1/2" RD. USN #CG22202 GE # DW41 \$2.95



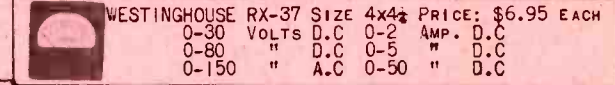
- FS- 5 AMP DC 0-5 AMP SCALE 2 1/2" RD. BURLINGTON MR25WOODCAA \$2.95
- DC VOLTS 2 1/2" 0-500 SCAL BASIC FS 500V RUGGEDIZED ALUMINUM PANEL ASSY. BURLINGTON STK #3F8C10-33 \$3.95
- MICROMHOS DYNAMIC MUTUAL CONDUCTANCE USED IN I-177 TUBE CHECKER BASIC 0-1.4 MA. HICKOK #1547A STK #F1350 \$4.95
- DC MILLIAMPER 2-3/4" 0-15 0-300 SCALE USED IN I-177 TUBE CHECKER USE EXT. SHUNT .35 OHM VARIOUS MFG. STK #3F930-14 \$4.95



- DC MILLIAMPERE 3 1/2" RD. 0-100 SCALE 50 MICROAMP MOVEMENT. TRIPLET REL12455 \$4.95
- GAR ELEC. F.S = 100 UA SCALE 1-3/3-10 & %MOD5-50 2 1/2" RUGGEDIZED GAR MODEL 260 \$4.95
- PERCENTAGE MODULATION 10-0-10 ROLLER-SM. ES-100 UA 3 1/2" #49470 \$3.95
- 50 MICROAMP. 0-5 SCALE 1 1/2" SINGLE HOLE MOUNTING INTERNATIONAL #420-63-0251 \$4.95



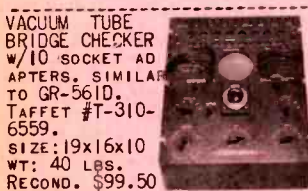
- DC AMPERES 2-1/16" 0-120 SCALE EXTERNAL SHUNT REQ. AERO-C-120 NSD #R17A5730 \$1.95
- TUNING METER 2" TUNE FOR MAX. SCALE. 2 MA. RIGHT, 5 MA. LEFT. 5 OHM DC RES. USED IN RADIO COMPASS REC. #1-70 \$1.50
- DC MICROAMPERE 0-200 SCALE TRIPLET 2 1/2" #MR25W200DCUA MODEL 221 T \$3.95
- ANTENNA CURRENT INDICATOR 0-10 RF W/ THERMOCOUPLE WESTON 507 F/BC-442 USED \$1.25



- WESTINGHOUSE RX-37 D.C. 0-30 VOLTS SIZE 4x4 1/2" PRICE: \$6.95 EACH
- 0-80 " D.C. 0-5 " D.C.
- 0-150 " A.C. 0-50 " D.C.



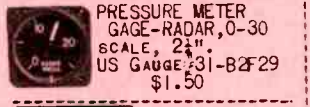
AC-T301545 MODULATOR AND OSCILLOSCOPE 3" FOR RACK MOUNTING 19". PART OF LAB. TEST EQUIP. HAS CONTROLS, HORIZ./VERT./INTENSITY/FREQ FOCUS/GAIN/ MODULATION SELE SWEEP ETC. TUBES 3BP1, 5Y3, 6C4, 5R4 & 7/12AU7. OPERATES: 115 V. 60 cyc. SIZE: 10x19x14; WT: 40 LBS



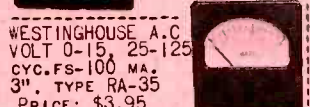
VACUUM TUBE BRIDGE CHECKER W/10 SOCKET ADAPTERS, SIMILAR TO GR-561D. TAFFET #T-310-6559. SIZE: 19x16x10 WT: 40 LBS. RECOND. \$99.50



D.C. VOLT METER 0-30, 2 1/2" SQ. MTG. AIRCRAFT TYPE 22284 PRICE: \$2.95



D.C. AMPERE METER 0-150 SCALE, 0-15 MA. MOVEMENT, SHUNT REQUIRED, 2 1/2" WEST #12058528 \$1.95



PRESSURE METER GAGE-RADAR, 0-30 SCALE, 2 1/2" US GAUGE #31-B2F29 \$1.50

WESTON PANEL METERS

- MODEL 301 A.C. VOLTS 3 1/2" RD 0-150 0-500 0-15/150 \$6.95 EACH
- MODEL 301 D.C. VOLTS 3 1/2" RD 0-30 0-50 0-200 0-250 0-300 0-350 0-500 0-600 \$6.95 EACH
- MODEL 301 D.C. VOLTS 3 1/2" RD 1-0-1 15-0-15 300-0-300 \$6.95 EACH
- MODEL 301 D.C. AMPS. 3 1/2" RD 0-1 0-2 0-4 \$6.95 EACH
- MODEL 301 D.C. M.A. 3 1/2" RD 0-50 0-100 0-200 \$6.95 EACH
- MODEL 476 A.C. VOLTS 3 1/2" RD 0-10 0-150 0-500 \$6.95 EACH
- MODEL 476 3 1/2" RD 0-100 A.C. MILLIAMP \$6.95 0-250 " " 0-3 " AMPERES "

WESTON MODEL 506 2 1/2" RD. 0-5 D.C. KV FS-1 MA \$3.95 0-500 D.C. V FS-1 MA 3.95 0-1 D.C. M.A. 3.95 0-20/0-100 D.C. M.A. 3.95

WESTON MODEL 517 2 1/2" RD 0-150 A.C. VOLTS \$3.95

RUGGEDIZED METERS PHAESTRON 0-1 D.C. MA 2 1/2" \$3.95 0-50 VDC 3 1/2" \$4.95 0-1 DCMA 2 1/2" 3.95 WACLINE 2 1/2" RD. #ADD 3.95 DB -6 TO 3, FS-200 MICAMP MARION #HS-2 2 1/2" 0-18/0-36 D.C. VOLTS \$3.95

FRAHM FREQ. METER 48-62 VOLTS, 100-150 VOLTS, 3 1/2" RD. 10 REEDS. TYPE MF-10 CAT. #4959 \$6.95

TS-328A/U 400 C FREQUENCY METER PORTABLE POCKET TYPE WITH HINGED COVER & TEST LEADS, 9 REEDS. 380 TO 420 CYCLE 3x6x4; WT: 2 LBS USED \$7.95

AUTOMOTIVE MOTORAIDE METERS

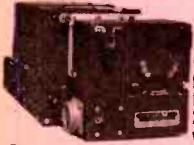
- CIRCUIT 0-1 M.A. MOVE. 0-10 V. SCALE 0-7.5 A. " 0-1K OHM " SIZE 3 1/2 x 5 1/2 \$3.95
- REGULATOR 0-1 M.A. MOVE. 0-60 DCA SCALE 0-10 DCV " 0-20 DCV " SIZE 3 1/2 x 5 1/2 \$3.95
- R.F. AMPERES 0-1 WEST. TYPE N810140 SC TYPE 1S-84 2 1/2" \$2.95
- MARK II No. 19 VOLT METER 2 1/2" 0-15 & 0-500 SCALE, 500 MICR OAMP MOVE. PC90609C \$3.95
- VARIOUS MFG. DISCOLORED FACES, 3 1/2" RD. D.C. MILLIAM 0-50 0-150 0-500 \$2.95 0-100 0-200 (0-1AOC) \$2.95

ARC-5

COMMAND RECEIVERS—TRANSMITTERS

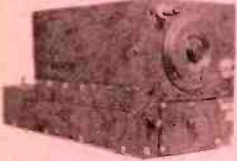
The COMMAND SET series of transmitters and receivers are the most popular surplus items on the market to-day.

The series consist of several units covering the frequency range of 190 KC to 9.1 MC for the receivers and 2.1 to 9.1 MC for the transmitters.



R-26/ARC-5 RECEIVER
3 to 6 MC.
WITH C-131/AR ELECTRIC OR MANUAL CONTROL FOR 24 V.D.C. OPERAT. WITH CONN. PLUG.
PRICE: GOV'T OVERHAUL.....\$24.95

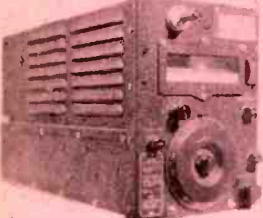
The receivers are six tube superhets using the following tubes, 1/12A6, 2/12SK7, 3/12SK7 & 1/12SR7. Designed to operate from 24 VDC dynamotor, which mounted on the rear of the set, supplying 250 VDC 60 MA.
Size of set 5 x 5 x 11 WT. 6 lbs.



R-24/BC-454 3 to 6 mc Re-new \$24.95
R-25/ARC-5 1.5- 3 " " " 24.95

TRANSMITTERS

The transmitters with proper use can put out 50 watts or CW and watts on voice, with the use of the BC-456 modulator which is a separate unit. Dynamotor used with equipment is a DM-33 24 VDC input output 575 VDC 175 MA & mounts on the modulator. Tubes used 2/1625, 1/1626 & 1/1629 magic eye tube for crystal calibration
Size 5 x 7 x 12 WT. 9 Lbs



T-18/ARC 2.1 to 3.0 mc new \$12.95 used 9.95
T-19/ARC 3.0 to 4.0 mc used 9.95
BC-696 3.0 to 4.0 mc new 14.95
T-20/ARC 4.0 to 5.3 mc used 6.95 new 9.95
T-21/ARC 5.3 to 7.1 mc used 6.95 new 9.95
T-23/ARC 100 to 156 mc new 24.95

R-25 Receiver chassis 190-550 kc. less tubes, rf/lf coils, cover etc. with var. condenser, sockets, cond. res. trans. etc.
6 lbs

Price: \$3.95

AC 115 VOLT 60 CYCLE POWER SUPPLY FOR COMMAND RECEIVERS WITH SPEAKER, VOLUME CONTROL, CW, CONNECTOR PLUG ETC. (SEE PAGE 20) \$18.95

35x032 DYNAMOTOR 12 VOLT. \$ 4.95
DM-32 " 24 V. U. \$2.95 N. 4.95
SP1H TUNING KNOB FOR REC. 1.00
CONNECTOR PLUGS F/REC-TRANS. 1.50

C-26/ARC CONTROL Box | Rec. U. 1.50
BC-496 " " 2 " N. 1.95
BC-451 " " 1 TRA. U. 1.50

AMPLIFIER

AM203B/ARA-19 AMPLIFIER; PART OF REMOTE COMPASS TUNING SYSTEM AS USED WITH ARN-6 RADIO COMPASS. PROVIDES AN ACCURATE MEANS OF TUNING ELECTRICALLY. WITH 2/26A7 TUBE 1/12SN7 TUBE. OPERATES FROM 24 VOLT D.C. ALSO HAS 3 SEALED RELAYS, COND. RES. ETC. SIZE: 5x6x4; WT: 5 LBS. RE-NEW \$3.95



RAX-1 RECEIVER; FOUR BAND 200 TO 1500 KC. LARGE 4" DIAL, C.W. MCW, ANT. TRIM., VOL. CONT. AND PHONE JACK ALL ON FRONT PANEL. W/TUBES 3/12SK7, 1/12K8, 1/12SR7 & 1/12A6. VOLTAGE REQ. 24 VOLT FILAMENTS, & 200-220 VDC, 80 MA, SIZE 7x7x17 WT: 25 LB. USED \$29.50
A.C. SUPPLY W/SPEAKER/CASE \$18.95
SHOCKMOUNTING F/RECEIVER 2.50

BC-1335

F-M RECEIVER TRANSMITTER

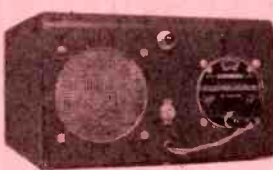


CRYSTAL CONTROL ON ANY TWO PRE-SET FREQ. IN THE 27 TO 38 MC. BAND USING FT-243 CRYSTAL HOLDER APPROX. 2 WATTS OUTPUT. VIBRATOR TYPE POWER SUPPLY THAT OPERATES FROM 6 OR 12 VOLTS DC. USES 18 TUBES, 7/1L4, 2/1R5, 5/3A5, 2/3C4, 1/1A3 & 1/6AF6G. THESE SETS ARE USED AND SOLD AS IS! LESS TUBES AND VIBRATOR. THEY WILL REQUIRE SOME WORK.
SIZE: 13x12x6; WT: 30 LBS. USED \$6.95

SEA RESCUE

AN/CRC-7 TRANSMITTER-RECEIVER VHF SEA RESCUE 140.58 MC., TWO-WAY COMMUNICATION VOICE OR M.C.W. (CONVERSION TO TWO METER CAN BE FOUND IN SURPLUS CONVERSION MANUAL #3 & SURPLUS SCHEMATICS HANDBOOK HAS SCHEMATIC, PRICE \$3.00 EA.) WITH 3/3A5, & 1/3Q4 TUBES. OPERATES FROM DRY CELL BATT. 1.3 VDC FOR FILAMENTS AND 97.5V FOR B VOLTAGE, HAS 3 PUSH BUTTONS FOR TONE, REC, AND TRANS. ONE ELEMENT IS USED FOR MIC AND PHONE, TELESCOPING ANTENNA. TRANSMITTER IS CRYSTAL CONTROLLED AND RECEIVER IS SUPER-REGENERATIVE.
SIZE: 15" LONG 2 1/2" DIA. WT: 4 LBS.
PRICE: USED..... \$14.95

AC BEACON RANGE RECEIVER



BC1206-C BEACON RECEIVER



BC-1206 AIRCRAFT BEACON RECEIVER 200 TO 400 KC. OPERATES FROM 24 VDC 1.5 AMPS. 135 KC IF. COMPLETE WITH TUBES 2/14H7, 1/14J7, 1/14R7 & 1/2807. CONTINUOUS TUNING, VOLUME CONTROL, ON/OFF SW. & PHONE JACK. SIZE: 4x4x6 1/2. WT: 5 LBS. SHOWN TO RIGHT.
PRICE: USED CHECKED FOR OPERATION \$9.95 REC. ONLY

AC BEACON RANGE RECEIVER IN CABINET WITH 115 VOLT 60 CYCLE POWER SUPPLY & 4" PM SPEAKER, READY TO OPERATE. SIZE: 10x6x6; WT: 18 LBS.
PRICE, COMPLETE WITH NEW CABINET & POWER SUPPLY AND USED RECEIVER CHECKED \$29.95
SAME AS ABOVE, LESS RECEIVER.. 18.95

POWER SUPPLY ONLY, 115 VOLT 60 CYCLE OPERATION OUTPUT 24 VOLTS DC 1.5 AMPS. MOUNTED ON METAL CHASSIS 6x5x7; WT: 5LBS. KIT...\$7.00 WIRED \$9.95

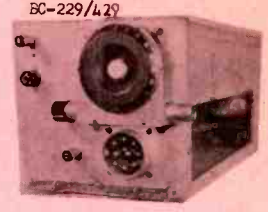
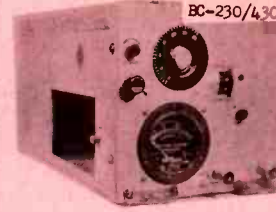


R-4/ARR-2 RECEIVER 234-258 MC. 11 TUBE AIRCRAFT UNIT FOR RECEPTION OF DOUBLE AMPLITUDE MODULATED CARRIER OPERATES FROM 24 VDC & 250 VDC 60 MA. COMPLETE WITH TUBES 3/6AK5, 7/9001 & 1/12 A6. SIZE: 5x5x11, WT: 6 LBS
PRICE: RE-COND. \$6.95



COMMAND SET RACKS & FLEXIBLE SHAFT
FT-234 HOLDS ONE TRANSMITTER \$1.50
FT-226 " TWO " 2.00
FT-331 " FOUR " 3.00
FT-233 " ONE RECEIVER 2.00
FT-220 " THREE " 2.00
FT-225 " ONE MODULATOR 1.50
MC-215 FLEXIBLE SHAFT AP. 6' 1.50
MORE THAN 6' EA. EX. FT. 25

TRANSMITTERS - RECEIVERS



BC-230/430 TRANSMITTER

Transmitter approx. 10 watts Voice and 20 watts CW in the freq range of 3000 to 7700 KC by use of plug in coils. Uses tubes 2/10Y, 2/45. Output meter 2" 0 to 1.5 RF. MO control on front panel. Voltage required approx 300 VDC for plates & 12VDC for BC-230 & 24 VDC for BC-430. Size 13"x8"x 7". WT. 10 1/2 lbs.

Price with tubes, plug in coils & schematic, UNUSED \$8.95

BC-229/429 RECEIVER

Receiver TRF, uses plug in coils to cover the freq. range of 201 to 398 & 2500 to 7700 KC. Six tubes 1/37, 1/38, 4/39. Voltage required 220 VDC to 275 VDC 80 MA, & 12 VDC for BC-229 & 24VDC for BC-429. Size 16 x 8 x 7. WT 12 lbs.
Price with tubes,, plug in coils & schematic, used \$8.95

Control Box BC-231 F/ receiver or BC-232 F/ trans. each \$1.00
Connector plugs for rec, trans., dynamotor or boxes, " \$1.00
Schematic showing rec, trans, boxes etc. \$1.00
Tuning knob for Receiver local control \$1.00
Remote tuning head for receiver \$2.00
Remote tuning shaft for receiver, specify length \$1.50
Separate coils for receiver, specify freq. coverage \$1.75
Dual coil 201-398 & 2500-4700 or 4700-7700 each.
Separate coils for transmitter, specify freq coverage. \$1.75
2500-3200, 3200-4000, 4000-5000, 5000-6200, 6200-7700.
Mountings for Rec., Trans. Dyn.. Each mounting \$1.50

BC-375 TRANS BC-191

TRANSMITTER AM 100 Watt CW - MCW - Voice, Frequency coverage 200 - 500 KC & 1500 - 12,500 KC. by use of plug in tuning units listed below.
Tube line up 1/10Y & 4/VT-4C (21L). Complete with tubes, less tuning units. Requires 12VDC for BC-191 & 24 VDC for BC-375 filaments & relay. 1000 VDC 350 MA. plates. Meters 2" for reading 0-8 RF, 0-500 MA, & 0-15 DC. With schematics.



BC-191 F/12 VOLT
UNUSED \$34.95

BC-375 TRANS. 24 VOLT, RE-COND \$49.50; UNUSED \$59.95
DYNAMOTORS BD-77/12 VOLT; PE-73/24 VOLTS, USED \$12.95
PLUGS FOR TRANSMITTER OR DYNAMOTOR; EACH PLUG \$1.00
CABLES WITH PL-61, PL-64, PL-59.....\$2.75

ANTENNA COUPLER



GU-168 ANTENNA COUPLER; PROVIDES MEANS FOR OPERATING FIVE RECEIVE FROM A SINGLE ANTENNA. THE INPL CIRCUIT TO WHICH THE ANTENNA IS CONNECTED IS DESIGNED FOR OPERATION FROM AN UNBALANCED LINE HAVING A NOMINAL IMPEDANCE OF 70 OHMS. THE OUTPUT TO THE RECEIVER IS ALSO 70 OHMS. COVERS THE FREQUENCY RANGE OF 2-32 MC. WITHOUT ANY TUNING OR ADJUSTMENT. EACH REC. COUPLING CIRCUIT HAS 4/12AU7 TUBES OF 20 TUBES IN ALL. POWER SUPPLY OPERATES FROM 115 V 50-400 CYCLE. RACK PANEL MOUNTING 19 X8 1/2, 5/4 TUBE IS USED IN P.S., UG-21 COAXIAL CONNECTORS FOR INPUT CIRCUITS. SHPG. WT: 75 LBS. WITH TUBES UG-21 COAXIAL CONNECTORS, AND MANUAL.
PRICE: NEW \$39.95

DIRECTIONAL ANTENNA

AS-81/GR DIRECTIONAL ANTENNA SYSTEM; DESIGNED AS AN ADDITION TO COMMUNICATION RECEIVERS THIS SYSTEM PERMITS THE USE OF UNIDIRECTIONAL RECEPTION. TWO LOOP ANTENNAS FOR COVERING THE FREQ. OF 1.1 TO 4.2 MC AND ONE TELESCOPING WHIP ANT. THE UNIT ALSO HAS ONE TUBE TUNABLE SENSING CIRCUIT USING A 12J5 TUBE AND OPERATES FROM A 12 VOLT VIBRATOR POWER PACK THAT IS SUPPLIED THE COMPLETE UNIT AS DESCRIBED IS CONTAINED IN A CARRYING CHEST 15x14x20 1/2 WITH CABLES AND MANUAL. SHPG. WT: 75 LBS.
RENEW \$19.95



SCR-522 RADIO SET

100-156 MC

RECEIVER-TRANSMITTER AM, FOUR CHANNEL, CRYSTAL CONTROL, 30 WATT OUTPUT, 18 TUBES AS FOLLOWS: TRANSMITTER, 1/6SS7, 2/832, 3/12A6, 1/6G6, RECEIVER: 1/9002, 1/9003, 3/12A6, 1/12C6, 2/12AH7, 1/12H6 & 3/12SG7. BOTH UNITS CAN BE REMOVED FROM CASE SEPARATELY. OVERALL SIZE: 16 1/2 x 12 1/2 x 10-3/4" WT: 49 LBS. PRICE: USED \$29.95



RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE: USED WITH TUBES \$14.95 NO TUBES

RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED, WITH TUBES \$14.95 NO TUBES \$7.95

TRANSMITTER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED WITH TUBES \$18.95 NO TUBES \$7.95

BC-602 CHANNEL SELECTOR CONTROL BOX WITH PUSH BUTTONS. BC-602B USED \$1.95 BC-602D NEW \$2.95

NOTE: FOR THE MICROPHONE & PHONE CIRCUITS JACKS CAN BE INSTALLED IN THE BC-602

JB-29 JUNCTION BOX NEW \$2.95
AN-104 ANTENNA, METAL COVERED WOOD NEW 1.95
PE-98 DYNAMOTOR 12 VOLT USED 9.95
PE-94 " 24 " 4.95

PLUGS REQUIRED FOR THE EQUIPMENT
SCR-522 RECEIVER-TRANSMITTER REQUIRES THE FOLLOWING PLUGS, PL-173 TO ANTENNA, PL-169 TO DYNAMOTOR, PL-170 TO JB-29 JUNCTION BOX. \$1.50 EACH

BC-602 CONTROL BOX, REQUIRES FOLLOWING PLUGS, PL-169 TO JUNCTION BOX. \$1.50 EA.

PE-98 OR PE-94 DYNAMOTOR REQUIRES FOLLOWING PLUGS, PL-172 TO BATTERY, PL-171 TO RECEIVER-TRANSMITTER. \$1.50 EA.

JB-29 JUNCTION BOX, REQUIRES THE FOLLOWING PLUGS, PL-170 TO RECEIVER-TRANSMITTER, PL-169 TO BC-602 CONTROL BOX. \$1.50 EA.

RA-62 AC POWER SUPPLY FOR SCR-522, OPERATES FROM 115/230 VOLTS 60 CYCLE, SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION. SIZE: 16x11x11; WT: 75 LBS. PRICE USED \$59.50 REQUIRES PL-171 PLUG FOR HOOK-UP TO REC-TRANS PRICE \$1.50. AC LINE CORD DETACHABLE TYPE \$1.00

ARC-3 100-156 MC

R-77/ARC-3 VHF AIRCRAFT TYPE AM RECEIVER, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 9001, 9002, 12A6, 12H6, WITH TUBES 9001, 9002, 12A6, 12H6, 12SH7, 12SL7, 2/12SN7, 3/12SG7 & 6/6AK5. VOLTAGE REQUIRED 24 VDC & 210 VDC 125 MA. SIZE: 11x7x15. WT: 21 LBS. W/SCHEMATIC PRICE: USED WITH TUBES \$22.50 CONNECTOR FRONT OF SET \$2.50

T-67/ARC-3 VHF AIRCRAFT TYPE TRANSMITTER AM, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE, WITH TUBES 2/832, 2/6L6, 1/6J5, 3/6V6 & 1/12SH7. VOLTAGE REQUIRED 24 VDC & 410 VDC 325 MA. SIZE: 15 1/2 x 7 1/2 x 12 1/2. WT: 21 LBS. PRICE: USED WITH TUBES..... \$22.95

JB-68 JUNCTION BOX FOR ARC-3 RADIO SET USED TO MOUNT DYNAMOTORS DY-22 FOR REC & DY-21 FOR TRANS. ALSO HAS CONNECTOR PLUGS TO HOOK UP REC, TRANS, CONTROL BOX & POWER, & RELAYS. SIZE: 10 1/2 x 3 1/2 x 8 1/2. WT: 7 LBS. PRICE USED.... \$7.95

CONNECTOR PLUG FOR EACH FACILITY \$2.50 EACH

C-118/ARC-3 CONTROL BOX FOR RECEIVER AND TRANSMITTER. HAS EIGHT PUSH BUTTONS FOR CHANNEL SELECTION AND ONE FOR OFF. SIZE: 6x3x7 WT: 2 LBS. PRICE: \$4.95 CONNECTOR PLUG U-16/U 2.50

IE-36 TEST SET FOR SCR-522 REPRODUCES THE OPERATING FUNCTIONS OF THE CONTROL BOX & JACK BOXES OF THE RADIO BY PROVIDING HEADPHONE & MICROPHONE, CHANNEL SELECTION PLUS ALL OTHER CONTROLS NECESSARY TO OPERATION AND TESTING. CONTROL UNIT BC-1303 PLUGS DIRECTLY INTO THE SCR-522 ALSO HAS PHANTOM ANTENNA & CORD, LAMP EXTRACTOR, ADAPTER PHONE CORD, INSTRUCTION BOOK AND CARRYING CASE, 10x10x4; WT: 8 LBS. PRICE: NEW \$6.95

SCR-522 CABLES WITH PLUG ON ONE END AND LUG TERMINALS ON THE OTHER. EACH CABLE \$2.95
CX-58/VRC-1 PLQ-170 PLUG & LUGS, 36" LONG.
CX-60/VRC-1 PL-169 " " " 36" "
CX-62/VRC-1 PL-172 " " " 66" "

TRANSCIEVER

BC-745 AM TRANSMITTER-RECEIVER COVERING THE FREQ. RANGE OF 2-6 MC PHONE, WITH A RANGE OF FIVE MILES UNDER FAVORABLE CONDITIONS. CRYSTAL CONTROL ON TWO PRESELECTED FREQ. BY USE OF PLUG IN COIL & CRYSTAL ASSY. BC-746. THE SET SIZE IS 6x6x6 AND IS MOUNTED ON A 32" STAFF AND HOUSES THE TELESCOPING ANTENNA WHEN NOT IN USE. COMPLETE WITH TUBES, 1/1S5, 3/1T4 & 5/3S4 & ONE PLUG IN FREQ. ASSY. VOLTAGE REQUIRED 1.5 VDC/25 A, 67.5 VDC/20 MA & 105-125 VDC/50 MA. WT: 10 LB. PRICE: USED, \$14.95 UNUSED \$19.95



BC-746 PLUG IN COILS & CRYSTAL ASSEMBLIES CHANNEL #1 3010 Kc CHANNEL#12 5030 Kc CHANNEL #5 5500 Kc CHANNEL#13 5305 Kc ONE OF THE ABOVE SUPPLIED WITH PURCHASE OF SET, ADDITIONAL UNITS \$1.95 EA.

T-39 CHEST UNIT THAT WAS USED TO CARRY DRY CELL BATTERIES, ALSO HAS MICROPHONE, PHONE JACK AND NECESSARY CABLE FOR CONNECTING TO RADIO SET. PRICE: USED, \$3.95 UNUSED \$5.95

PE-157 VIBRATOR POWER SUPPLY; OPERATES FROM 2 VOLT WET BATTERY BB-54 WHICH IS INSTALLED INSIDE THE CASE THAT SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION OF THE RADIO SET ALSO HAS 4" PM SPEAKER, CARRYING HANDLE AND CABLE FOR CONNECTING TO SET. SIZE: 11 1/2 x 5 1/2 x 8 1/2 WT 17 PRICE: USED NO SPEAKER \$10.95

PRESSURIZING UNIT

MK-23/AP PRESSURIZING UNIT; C/O OF A CYLINDER APPROX. 13 IN. LG. 2 IN. DIA. ATTACHED TO A GAGE 0-30, 3/4" INLET CYLINDER AND A 4" HOSE LINE. P/O APS-15 PRESSURIZING KIT. WT: 10 LBS. PRICE: \$3.95

COMPASS RECEIVER

AN/ARN-7 RADIO COMPASS RECEIVER 100 TO 1750 KC USED FOR AIRCRAFT DIRECTION FINDING BUT CAN ALSO BE USED ON BOATS. THE RECEIVER IS A SUPERHETERODYNE WITH ADDITIONAL CIRCUITS FOR OPERATION OF THE AURAL RECEPTION AS SHOWN ON THE INDICATORS. COVERS THE FREQUENCY RANGE OF 100 TO 1750 KC IN FOUR BANDS CONTINUOUS TUNING FROM CONTROL BOX WHICH IS A SEPARATE UNIT. UNIT OPERATES FROM 115 VOLT 400 CYC & 24 VDC AND IS COMPLETE WITH TUBES 4/6K7, 1/6L7, 1/6J5, 2/6B8, 2/6F6, 1/6N7, 1/5Z4, 1/6SC7 & 2/2051. SIZE: 12x8x19; WT 45 LBS. R-5/ARN-7 RECEIVER ONLY, USED \$18.95

ITEMS LISTED BELOW ARE REQUIRED FOR ADF OPER.

- C-4/ARN-7 CONTROL BOX USED \$3.95
- I-8 INDICATOR 3" " 2.95
- I-82A " 5" " 3.95
- LP-21 AM LOOP ANTENNA " 9.95
- FT-224 MOUNTING F/C-4CB " 1.50
- MG-149F INVERTER " 14.95
- MC-203 SHAFT COUPLING "T" " 1.00
- MC-136 SHAFT " RT/ANGLE " 2.50
- BK-22 RELAY JUNCTION BOX " 2.95
- MC-124 FLEXIBLE SHAFT 2 FT. " 1.50
- CD-365 CABLE FOR LOOP 5 FT. " 2.75
- PL-122 CONNECTOR PLUG FOR RECEIVER " 2.50
- PL-112 " " LOOP " 2.50
- PL-118 " " " 1-81 OR 1-82 " 2.50

BC 433 COMPASS RECEIVER ADF SAME AS R-5/ARN-7 RECEIVER SHOWN AND DESCRIBED ABOVE ONLY COVERS THE FREQUENCY RANGE OF 200 TO 1700 KC AND USES ALL THE SAME ACCESSORIES WITH THE EXCEPTION OF THE CONTROL BOX WHICH IS BC-434A PRICED AT \$3.95 USED. BC-433 RECEIVER ONLY, WITH TUBES USED \$12.95

MN-20C MANUAL ROTATABLE LOOP ANTENNA USED WITH RA-10DB & MN-26 RECEIVERS AS A DIRECTION FINDING ANTENNA IN THE 150 TO 1500 KC RANGE. 7 LBS. USED \$2.95 NEW \$3.95
MC-124 FLEXIBLE SHAFT FOR USE WITH LOOP 10 FT. \$1.95
AC-58267-2 CABLE 5 WIRE SHIELDED FOR ANTENNA CONNECTIONS. 8 FT. PLUG ONE END ONLY. \$1.95
MN-52 AZIMUTH CONTROL FOR MANUAL TURNING OF LOOP WITH CRANK AND BY USE OF FLEXIBLE SHAFT, HAS 0-360 DIAL, GRAIN OF WHEAT LAMP SWITCH & CRANK. USED \$1.95 N. \$2.95



MN-26 C RADIO RECEIVER FOR AIRCRAFT OR MARINE USE CAN ALSO BE USED FOR HOME USE FOR WEATHER REPORTS. FREQUENCY COVERAGE 150 TO 1500 KC IN TWO BANDS. ELECT

BAND CHANGE, CONTINUOUS TUNING FROM MN-26C REMOTE CONTROL BOX. COMPLETE WITH 24 VOLT DC DYNAMOTOR, TUBES, 5/6K7, 2/6N7, 1/6B8, 1/6F6, 1/6L7, 2/6J5 REC. SIZE: 12x6x16 1/2; WT: 37 1/2. PRICES: MN-26C RECEIVER ONLY USED \$9.95

MN-40 INDICATOR 0-360 DEGREE SCALE 5" WITH VAR. ADJUSTMENT. SAME AS I-82 INDICATOR ONLY OPERATES MECHANICALLY INSTEAD ELECTRICALLY BY USE OF SPLINED CONNECTORS AS USED ON MC-124 SHAFT. \$3.95
CONTROL BOXES MN-28C/MN-26C USED \$3.95 EA. MN-28LB/MN-26LB USED \$2.50
CONNECTOR PLUGS RECEIVER \$2.50 CONTROL BOX 2.50 FLEXIBLE SHAFT 20"/\$1.50 5 1/2" \$2.81 \$3.00

BC 348 RECEIVER

BC-348(*) RECEIVER AM 6 BANDS 200-500 KC. & 1.5 TO 18 MC. CRYSTAL PHASING, ANTENNA ALIGN, BEAT OSCILLATOR & AUDIOGAIN CONTROLS, VERNIER AND SPEED TUNING, OUTPUT JACKS FOR PHONES & SPEAKER. WITH TUBES 3/6K7, 1/6J7, 1/6C5, 1/6K6, 1/6B8 & 1/6F7. VOLTAGE REQUIRED 24 VOLTS 2 A. & 220 VDC 70 MA. (*) ISSUE THAT IS AVAILABLE SIZE: 18x10x9 1/2; WT: 38 LBS. USED \$89.50

BC-733 RECEIVER 108.3-110.3 MC AM

AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-POINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY. OPERATES ON SIX CRYSTAL CONTROL PRESET FREQ. COMPLETE WITH TEN TUBES: 1/12AH7, 2/12SG7, 3/717, 2/12SR7, 1/12SQ7 & 1/12A6. VOLTAGE REQUIRED; 24 VDC & 220 VDC 80 MA. WITH SCHEMATIC. SIZE: 13 1/2 x 5 x 7 WT: 17 LBS. PRICE: USED \$5.95

I-101C CROSS POINT INDICATOR, USED \$1.95
PL-257 PLUG TO FIT I-101C 1.50

BC-732 CONTROL BOX USED \$1.95 NEW \$2.95
CABLE WITH PL-254 TO FIT BC-733 REC. AND PL-256 PLUG TO FIT BC-732 CONTROL BOX 3 FT. PRICE: \$4.95 PLUGS ONLY 1.50

DM-53 DYNAMOTOR 24 VOLT USED \$4.95 NEW \$6.95
DM-53 AZ " 12 " NEW 7.95
AS-27 RAMS HORN ANTENNA \$5.95
PL-284 TWIN COAX PLUG F/BC-733-AS-27 1.00

R-65/APN 9 RECEIVER INDICATOR

LORAN SYSTEM AS USED ON BOATS AND IN AIRCRAFT. PROVIDES ACCURATE MEANS OF DETERMINING POSITION FROM FIXED TRANSMITTING STATIONS WHEN DESIRED AND OTHER MEANS ARE INEFFECTIVE. CONSISTS OF A RECEIVER, OPERATING IN THE MARINE BAND, AND INDICATOR USING A 3" CATHODE RAY TUBE FOR PRESENTATION OF THE RECEIVED SIGNALS. OPERATES FROM 24 VDC & 115 VOLTS 400 TO 800 CYCLES. SIZE: 9 1/2 x 12 1/2 x 30 1/2; WT: 36 LBS. PRICE; USED, LESS TUBES & LENS..... \$19.95 " " WITH " " 49.50



Headsets — Telephone Equipment — Microphones — Handsets



HS-33 HEADSET
NEWLY MANUF.
HEADBAND & 4 1/2 FT.
CORD WITH PL-55
TYPE PLUG. AIR
FORCE GREY. 600
OHM IMPED. WITH
CHAMOIS CUSHIONS
\$7.95
W/ RUBBER CUSHIONS
\$6.95



HB-7
HEADBAND ONLY
WITH 4 1/2 FT.
CORD AND PL-55
TYPE PLUG. AIR
FORCE GREY.
\$3.00
CHAMOIS CUSHIONS
\$1.50
RUBBER CUSHIONS
\$1.50



**HS-23 HEAD-
SET** NEWLY
MANUF. W/4 1/2
FT. CORD &
PL-55 TYPE
PLUG. AIR
FORCE GREY. 2000
OHM IMPED. WITH
CHAMOIS CUSHIONS
\$6.95
W/ RUBBER CUSHIO
\$5.95

H-58/U HEADSET
HIGH IMPEDANCE
2000 OHMS "Y"
CORD W/PL-55
ADJ. BAND
MFG. MURDOCK
NEW \$2.95



M1-2478-MOD.
LIGHTWEIGHT
SOUNDPOWERED
HEAD-THROATMIC
SET W/72" STRE
TCHED COILED
CORD, SWITCH &
CONTROL. 2 LBS.
UNUSED \$8.95



RM-42 CONTROL UNIT USED TO OPERATE A RECEIVER & TRANSMITTER FROM A REMOTE POSITION WITH 2 CHANNEL SELECTION ALSO USED AS INTER-COM OR CONNECTED TO BE USED AS TELEPHONE SYSTEM. HAS

MAGNETO HAND CRANK GENERATOR FOR RINGING & HANDSET WITH PL-204 ALSO 2 TELEPHONE TYPE SWITCHES, 4 PILOT LIGHTS, VC, ON-OFF SW ETC. REQUIRES WIRES BETWEEN EACH UNIT FOR USE AS TELEPHONE AND BATTERIES. IN METAL CABINET WITH SLOPPING FRONT, SIZE 7 1/2x8x9 WT: 14 LBS. PRICE: ... \$9.95



MODEL
A-200
\$2.95

ACOUSTICON CORD-LESS MICROPHONE AND AMPLIFIER HEARING AID, HEAD BAND TYPE ASSEMBL CONSISTS 1/2" MIC. AND 3 TUBE AMPLIFIER WITH VOLUME CONTROL AND BATTERY COMPARTMENT MOUNTED IN A LIGHTWEIGHT HEADBAND. USES MERCURY BATTERY RM-1H & MINI-MAX 15 V. 504E EVEREADY. PRICED WITH TUBES, LESS BATTERIES AND PHONE UNIT. #A200 NEW: \$2.95

HS-30 HEADSET
250 OHM IMPEDANCE
HEARING AID TYPE
EAR PCS. FIT IN-
SIDE EAR. LIGHT-
WEIGHT HEADBAND,
CORD 9" LG. WITH
SPADE LUGS.
(SEE CD-604 CORD)
USED \$.98



TELEPHONE TRANSMITTER CHEST SET; 150 OHM IMPEDANCE TRIANGULAR SHAPED BREASTPLATE, HORN MOUTHPIECE TYPE# A-1. NO STRAPS. WESTERN ELECTRIC #396A \$1.50

RM-52 REMOTE CONTROL UNIT (MACY'S PHONE PATCH) USED FOR RE-CONTROL OF RADIO SET, OPERATES FROM 4 FLASHLIGHT BATTERIES. HAS MULTI-TAP TRANSFORMER, MIC, PHONE HIGH/LOW IMPEDANCE & JACKS. BASIC UNIT FOR MAKING MACY'S PATCH. SIZE: 7 1/2x3 1/2x5 1/2; WT: 5 LBS. PRICE: USED \$1.95 NEW \$2.95



RM-53 REMOTE CONTROL UNIT BASICALLY THE SAME AS RM-52 ONLY IT HAS A 3 POSITION SWITCH AND CORDS WITH PL-55 AND PL-68 PLUGS. SIZE: 8 1/2x4 1/2x4 1/2; 6 LBS PRICE: USED \$2.95 RE-NEW \$3.95

ACOUSTICON HEARING AID MICROPHONE CASE ONLY WITH TRANSFORMER, VOLUME CONTROL RESISTORS, CONDENSERS, AND BATTERY HOLDER. NO MICROPHONES TUBES OR BATTERIES SATIN FINISHED GOLD COLOR CASE. SIZE: 2 1/2x4x3. MODEL A-320 CASE ONLY WITH PARTS AS DESCRIBED ABOVE NEW \$3.39

TS-9 HANDSET NO PLUGS WITH BUTTERFLY SWITCH & PUSH TO TALK SWITCH & LUGS USED \$3.95

TS-13 HANDSET WITH Y CORD PL-68 MIC. & PL-55 PHONE PLUGS. USED \$4.95

T-17 MICROPHONE CARBON HAND TYPE WITH PUSH TO TALK RE-COND. \$7.95
SOUND POWERED HANDSET WITH COILED CORD 1-4' STK #D173012 NEW \$7.95



T-45 MICROPHONE
CARBON TYPE 1000HM
50DB BELOW 1 MILL-
VOLT, FLAT RESPONDS
WITH PL-291 2 CONT
MALE PLUG, 11" CORD
USED 75¢

WECO-528 HEADSET
250 OHM
PRICE \$1.25
RE-NEW
LESS
PHONE
CORD

DUBLE WIRE HEADBAND
WITH ONE EAR PIECE,
PAD ON OTHER SIDE.

T-30 THROAT MIC.
Elements only \$1.00 a dozen

T-30 MICROPHONE
CARBON TYPE, 75 OHM
50DB BELOW 1 MILL-
IVOLT, FLAT RESPONDS
WITH PL-291 2 CONT
MALE PLUG, 11" CORD
PRICE: USED 3/\$1
UNUSED

TELEGRAPH SET



TG-5 TELEGRAPH SET; PORTABLE UNIT USED FOR CODE COMMUNICATION OVER LAND WIRE LINES. TWO OR MORE UNITS CAN BE OPERATED IN SERIES. CAN BE USED FOR CODE PRACTICE OR TEACHING CONTAINS BELL CALL SYSTEM 1000 CYCLE TONE HOWLER, TEL. KEY, HEADPIECE, CANVAS CASE, BOOK ETC. REQUIRES 22.5 AND 2 1/5 VOLT BATTERIES FOR OPERATION. LESS BATT. SIZE: 5 1/2x10x5 1/2; WT: 8 LBS. PRICE: NEW \$9.95

TELEPHONE WIRE

TWO CONDUCTOR OUTDOOR 7 STRANDES COPPER WELD NEW MANUFACTURE WD-7

PRICE PER FOOT \$.02 1/2
2500 FOOT REELS \$9.00
5000 " " 75.00

T-24/M CARBON MICROPHONE
WITH PUSH TO TALK
BUTTON AND
MODIFIED WITH
4 FT. COILED
CORD & PL-68
PLUG. WT: 1/2 LB. PRICE: NEW \$4.95

H-18(M) CARBON MICROPHONE F-1 TYPE ELEMENT MOUNTED ON PLATE 2x4" WITH 4" ADJUSTABLE BOOM & PL-292 PLUG TO FIT CD-318 CORD. PRICE: \$1.50

DICTIPHONE HEADSET
ASSY. LIGHTWEIGHT BAND WITH PLASTIC EAR PICES CONNECTED TO RUBBER TUBE THAT COMES TO A Y THAT EXTENDS TO A RUBBER CUP 4". CAN BE USED AS A VIBRATION TESTER OR A WAY OUT SOUND REPRODUCER. STK # 6C262-719 PRICE: \$1.00

TELEPHONE EXTENSION CORD WITH PLUGS. 25 FT. W/4 PRONG MALE & FEMALE CONNECTIONS. \$2.75
WALL & CORD PLUGS TO FIT, EA \$1.25

PUSH BUTTON & CALL SIGNAL LIGHT SAME SIZE AS TELEPHONE DIAL. MAKE OWN INTERCOM. \$3.99 EA. 3/\$1.00



CD-318 EXTENSION CORD WITH PL-291 2 CONTACT FEMALE PLUG TO FIT T-45 & T-30 MICS. SW-141 SWITCH & PL-68 MIC PLUG ON 7 FT. CORD USED \$1.00

PL-68 MIC PLUG
30" CORD 75¢

JK-33 JACK TO FIT PL-68 MIC. PLUG.
USED 6 FOR 50¢



COILED CORD SETS
THREE CONDUCTOR
24" TO 72" 75¢
12" TO 36" 50¢
FOUR CONDUCTOR
12" TO 36" \$1.00

CD-307 CORD EXTENSION FOR CORDS WITH PL-54 PLUG AS USED ON HEADSETS, 65" LG WITH JK-26 JACK & PL-55 PLUG. USED \$1.00

CD-604 CORD WITH IMPEDANCE MATCHING TRANSFORMER 500OHM TO 4000, USED WITH HS-30 HEADSET, 6" CORD & PL-54 PLUG. NEW 50¢ USED 25¢

CD-605 CORD SAME AS CD-604 ONLY 30" LG. WITH PL-55 PLG USED \$1.00

PL-55 PHONE PLUG
30" CORD 75¢

JK-34 PHONE JACK TO FIT PL-55 PLUG USED 6 FOR 50¢

MC-385 HIGH to LOW ADAPTER
IMPEDANCE FOR HEADSET 4000-6000HM USED \$.50 NEW \$.75

BRUSH CRYSTAL HEADPHONE ELEMENT
W/RUBBER EAR PADS LIGHTWEIGHT BU #F62 \$1.00 EA.

MICROPHONE BUTTON CARBON
50 OHM
WILL REPL-
ACE F-1 ELEMENTS.
#K-53-0654 \$1.00

SOUND POWERED MICROPHONE
IN PLASTIC CASE, PUSH TO TALK
BUTTON, NO CORD #5016 USED \$1.50

SOUND POWERED HEADPHONE
IN PLASTIC CASE, NO CORD.
#R5017 USED \$1.50

HEADSET EARPHONE CUSHIONS
SPONGE RUBBER FOR 2 1/2" ELEMENTS. #48514 \$1.00 PAIR

R-15 PHONE ELEMENT
6000 OHM
W/RUBBER CUSHION F/2" HEAD-
BAND MTG.
\$1.25

PHONE ELEMENT F/TS-9K HANDSET
250 OHM, 2 1/2" DIA W/ CLIPS. K.S #838
\$1.00

CANADIAN PHONE ELEMENT 100 OHM 1 1/2" DIA. FOR 2" HEADBAND. #C-3 10A/36988
\$.75

PHONE ELEMENT F/TS-13, H-23 ET HANDSET, TYPE 41
3500 OHM. AUTO. ELEC. D-5189A
\$1.00

CANADIAN LIGHTWEIGHT HANDSET
NO CORD
PHONE 300 OHM MIC. 50 OHM #ITE NO. MK-11 YA-7225
\$3.95

CANADIAN MICROPHONE W/ SWITCH & CORD FOR ABOVE PHONE, MAGNETIC 300 OHM, #10A/12 57L \$1.25

STANDARD TYPE TELEPHONE HANDSET & BELL RINGERS
CAN BE USED AND ANY COMMER CIAL TELEPHONE LINE OR ON SYSTEMS ON THIS PAGE.
PRICE: \$6.95 EX-CONDITION

STANDARD TELEPHONE HANDSET & CORD
EXCEL COND \$1.50

TELEPHONE BELL FOR MAGNETO GENERATORS
MC-131 \$1.25

HANDSET HOLDER FOR HORIZONTAL MOUNTING. SIZE 1 1/2x3 1/2 #6988 \$.50

TELEPHONE BELL FOR MAGNETO GENERATORS
MC-131 \$1.25

TELEPHONE BELL FOR MAGNETO GENERATORS
MC-131 \$1.25

TELEPHONE EQUIPMENT

EE-8 FIELD TELEPHONE, PORTABLE HAND RINGING TYPE. CAN BE USED WITH ANY MAGNETO TYPE SYSTEM SWITCHBOARD AS BD-71, 72, 89, 91, 96 ETC. OPERATES FROM 2 FLASHLIGHT BATTERY UP 17 MILES, TWO OR MORE PHONES CAN BE OPERATED ON TWO WIRE LINE. WITH CARRING CASE, STRAP & HANDSET.

SIZE: 8x10x3 $\frac{1}{2}$; WT: 18 LBS.
USED CHECKED LESS BATT. \$12.95

BD-71 SWITCHBOARD, PORTABLE 6 LINE HAND RINGING MAGNETO TYPE USING FLASHLIGHT BATTERIES FOR OPERATION. REPEATING COILS ON TWO LINES FOR SIMPLEXING, DROP SIGNAL AND NIGHT CALL BELL. CAN BE USED WITH ANY MAGNETO TYPE TELEPHONES SUCH AS EE-8, RM-29, BD-72, 89, 91, 96 ETC. IDEAL FOR FACTORY, CAMP, FARM, MOTEL.. WITH CHESTSET MICROPHONE & HEADSET. LESS BATTERIES USED \$9.95 RE-NEW \$14.95

BD-72 SWITCHBOARD 12 LINE UNIT OTHERWISE THE SAME AS BD-71. 30x12 $\frac{1}{2}$ x14; 125 LBS. USED \$18.95 RE-NEW \$24.95

BD-89 SWITCHBOARD, SINGLE POSITION, TWO PANEL NON-MULTIPLE, MANUALLY OPERATED TELEPHONE SWITCHBOARD. MAGNETO & COMMON BATTERY LINES. 20 MAGNETO, 40 CB, 4 TWO WAY MANUAL, DIAL DROP END TRUNK CKT, 5 CONFERENCE JACKS, 3 OUTGOING CKT., 2 THRU-LINE & 13 UNIVERSAL CORD CKT. WITH CHEST MICROPHONE & HEADSET. SIZE: 52x22x31; WT: 300 LBS. USED \$59.50

BD-91 SWITCHBOARD, SINGLE POSITION MANUALLY OPERATED FOR SERVING MAGNETO LINES, TWO-WAY TRUNKS AND TIE LINES. RING-DOWN TRUNKS ARE PROVIDED FOR CONNECTION TO MANUAL COMMON BATT. OR DIAL SYSTEMS. DROP SIGNAL FOR INCOMING & RECALL. 20 MAGNETO, 4 UNIVERSAL, 8 CORD, 1 DIAL, 4 CONF. JACKS & 1 OPERATOR. USES DRY CELLS FOR OPERATION.

SIZE 16x16x42 SET-UP; WT: 200 LBS. \$29.50

BD-95 SWITCHBOARD: CORDLESS LOCAL BATTERY UNIT EQUIPPED WITH LINE LAMP SUPERVISION AND DESIGNED FOR SWITCHING LOCAL BATTERY LINES MAGNETO TYPE, MAY BE MODIFIED FOR COMMON BATTERY LINES ALSO CAN BE USED WITH OTHER TRUNK, TIE LINE LOCAL BATTERY SWITCHBOARDS. RE-NEW \$24.95

MX-333/GG TAPE PULLER USED WITH CODE PRACTICE TO REEL 3/8" PAPER TAPE AS THE TAPE IS PASSED THROUGH THE RECORDER; HAS CONSTANT SPEED 110 VOLT 60 CYCLE INDUCTION MOTOR WITH VARIABLE SPEED FRICTION DRIVE ARRANGEMENT. UNIT COMES IN A WOOD CARRING BOX 10x10x15 WITH A CARRING HANDLE. WT: 27 LBS. PRICE, RE-NEW \$12.95

TG-10 KEYSER IS A AUTOMATIC UNIT FOR PROVIDING AUDIBLE CODE PRACTICE SIGNALS FROM A INKED TAPE RECORDING. THE OUTPUT OF THE KEYSER IS AN AUDIO FREQ. NOTE OF 800 CYCLES PER SEC. WITH SUFFICIENT POWER TO SUPPLY A NUMBER OF HEADSETS OR PRACTICE TABLES DIRECT CAN ALSO BE USED AS A TELEGRAPH KEY AMPLIFIER OR TAPE PULLER FOR A RECORDER. OPERATES FROM 115 VOLT 60 CYCLE. COMPLETE WITH TUBES; 2/6N7, 2/6L6, 2/6S7, 1/5U4 & 1/923. SIZE: 24x11x18 $\frac{1}{2}$; WT: 63 LBS. PRICE: USED CHECKED \$19.95 NOT CHECKED \$14.95

VO-3 OSCILLATOR IS AN ELECT-AUDIO TONE GENERATOR WITH A 10 WATTS OF POWER OUTPUT AT A FREQ. OF 800 CYCLES PER SE COND. THIS POWER IS ADEQUATE FOR SUPPLYING TONE TO 200 HEADSETS THAT CAN BE KEYED BY THE INSTRUCTOR OR STUDENTS AND FEED INTO A SPEAKER OR RECORDER. OPERATES FROM 115 VOLT 60 CYCLE, COMPLETE WITH TUBES 1/6SN7, 1/5U4 & 2/6V6GT, OUTPUT 4, 8, 12 & 16 OHMS. SIZE: 12 $\frac{1}{2}$ x10 $\frac{1}{2}$ x7 $\frac{1}{2}$; WT: 24 LBS.

F-56 FAIRCHILD AIRCRAFT CAMERA

DESIGNED AS A RECORD-TYPE, QUICKWIND, AUTOMATIC CAMERA WHICH IS EQUALLY ADAPTABLE TO OBLIQUE SPOTTING & VERTICAL MAPPING. IT CAN BE OPERATED MANUALLY OR ELECTRICALLY 24 VOLT DC. FOCAL LENGTH 20", SHUTTER SPEEDS 1/35, 1/50, 1/100 & 1/150 DIAPHRAGM STOPS 5.6, 8, 11, 16, & 22. THE MAGAZINE USES UP TO 125 FT OF FILM 7" WIDE AND WILL GIVE APPROX. 200 NEGATIVES, 6-5/8"x7". DETACHABLE FILTERS ARE PROVIDED ALSO SPARE REELS, INTERVALMETER FOR AUTOMATIC OPERATION & CABLES FOR ELECTRIC OPERATION. CONSISTS OF UNUSED CAMERA, REELS, TRUNK, CABLES INTERVALMETER AND MANUAL. THIS ALL \$75.00

HYDROPHONE MAGNETOSTRICTION TYPE UNIT 20 KC RESONANT FREQUENCY. THIS IS A STANDARD SECTION OF A ASSY. AS USED IN AN/SQS-10 EQUIPMENT.

(HYDROPHONE IS A TYPE MICROPHONE DESIGNED TO BE ACTUATED BY WATER BORNE SOUND WAVES AND MAGNETOSTRICTION IS THE CHANGE IN THE DIMENSIONS OF A FERRE MAGNETIC OBJECT WHEN PLACED IN A MAGNETIC FIELD. SIZE: 3 $\frac{1}{2}$ x5 $\frac{1}{2}$; WT: 3 LBS. STK#875446 Y-901 PRICE: NEW \$4.95

CN-359/GPA-23 REGULATOR VOLTAGE. 120/208 VOLTS 60 CYCLE, 3 PHASE, 27 KVA. MOTOR DRIVEN POWERSTAT ELECTRONICLY CONTROLLED. THREE SEPARATE SYSTEMS THAT WILL GIVE CONTROL, 3 PHASE IN, 3 PHASE OUT OR 3 PHASE IN, SINGLE PHASE OUT OR CAN BE DISMANTLED AND HAVE THREE SEPARATE SINGLE PHASE IN AND SINGLE PHASE OUT. CONSISTS OF 3 MOTORIZED POWERSTAT TRANSFORMERS 3 LOW VOLTAGE TRANS. 3 ELECTRONIC CONTROL CHAS SIS, SWITCHES, FUSES, METER ETC. USED CHECKED SIZE: 27x31x26; WT. SHPG. 420 LB. \$175.00

VOLTAGE REGULATOR 120 VOLTS 60 CYCLE SINGLE PHASE, 9 KVA. ONE SECTION REMOVED FROM THE ABOVE 3 PHASE UNIT. METER, SWITCHES, FUSES ETC. WILL HAVE TO BE ADDED, DIAGRAMS FURNISHED. ELECTRONIC VOLTAGE REGULATION, JUST SET THE VOLTAGE UNDER LOAD AND IT WILL REMAIN CONSTANT. CONSISTS OF MOTORIZED POWERSTAT TRANSFORMER, LOW VOLTAGE TRANSFORMER & ELECTRONIC REGULATOR CHASSI SHPG. WT: 125 LBS. PRICE, AS DESCRIBED \$49.95

BC-653 TRANS. BC-653 TRANSMITTER 2-4.5 MC. 50 WATT VOICE, 100 WATT CW. RANGE 25 TO 50 MILES DEPENDING ON CONDITIONS. MASTER OSCILLATOR CONTROL, FOUR PRESET CHANNEL SEVEN TUBES; 2/814, 807, 2/1613, 2/VR-105. TWO 2 $\frac{1}{2}$ " METERS FOR READING FILAMENT AND PLATE VOLTAGES, AND CURRENT, AND OUTPUT METER. VOLTAGES REQUIRED: 12 VDC, 1000 VDC 220MA, 500 VDC 185MA. SIZE: 26x14x12; WT. 140 LBS. \$29.95

DM-42 DYNAMOTOR 12v Used \$4.95 FT-253 MOUNTING BASE TO HOLD RECEIVER AND TRANSMITTER. Used \$3.95 34x12x3 . WT. 30 LBS. UNUSED 5.95

RD-142/UPN SOUND RECORDER-REPRODUCER IS A 24 HOUR 2 CHANNEL MAGNETIC TAPE RECORDER AND PLAYBACK UNIT DESIGNED FOR CONTINUOUS RECORDING. MAY BE USED TO RECORD ON ONE OR TWO CHANNELS OR BOTH CHANNELS AT THE SAME TIME ON 7 INCH REEL 2 INCH TAPE. PLAYBACK OF EITHER OR BOTH CHANNELS THROUGH THE SELF CONTAINED LOUD SPEAKER OR THRU PLUG IN HEADSET. OPERATES FROM 115 VOLT 60 CYCLE. WITH TUBES. CONDITION USED, NOT CHECKED FOR OPERATION, UNITS MAY NEED TO BE ADJUSTED AND HEADS DE-MAGNETIZED. SIZE: 19 $\frac{1}{2}$ " RACK MTG. 10 $\frac{1}{2}$ " x 15; WT: 100 LBS. PRICE: USED \$49.50

RADIOSONDE

AN/AMT-2 RADIOSONDE, 403 MC FM. A SINGLE PACKAGE INSTRUMENT WHICH CARRIED BY A FREE BALLOON, IS USED TO TRANSMIT METEOROLOGICAL INFORMATION TO A GROUND STATION. THE FREQUENCY MODULATION IS CONTROLLED BY A SENSOR MECHANISM CONTAINING ELEMENTS CONTROLLED BY PRESSURE, TEMPERATURE AND HUMIDITY TOGETHER WITH A COMMUTATOR ARRANGEMENT WHICH SET UP A SEQUENCE OF SIGNALS. USES 2 TUBES AND REQUIRES 1.5, 6 & 115 VDC FOR OPERATION. W/TUBES, LESS BATT. SIZE: 4 $\frac{1}{2}$ x6x6 $\frac{1}{2}$. WT: 1 $\frac{1}{2}$ LBS BATTERIES PRICE: NEW \$2.95 EACH, 2 FOR \$5.00

BC-1253 RADIOSONDE TRANSMITTER OPERATES AT 397 MC; BENDING A CONSTANT SIGNAL TO BE RECEIVED BY RADIO DIRECTION FINDER, WHILE BEING CARRIED IN THE ATMOSPHERE BY A FREE BALLOON. COMPLETE WITH ONE 955 ACORN TUBE. REQUIRES 1.5, 6 & 115 VOL BATTERIES. SIZE 3x5x6 $\frac{1}{2}$; WT: 8 OZ. PRICE: NEW \$5.59 2 FOR \$1.00

TUNER ASSEMBLY FOR 2 TO 6 MC. PART OF BC-728 RECEIVER, WHICH CONSISTS OF FOUR CHANNEL PUSH BUTTON ASSY. WITH RF, AMT, & OSC. COILS ALL SLUG TUNED. ALSO COND. RESISTORS ETC. SIZE 4 x 4 x 3 $\frac{1}{2}$ LBS. STOCK#2C4728/T4. PRICE \$1.00

DRONE RECEIVER FREQUENCY RANGE OF 57 TO 76 MC. WITH CHOICE OF FIVE DIFFERENT TONE CIRCUITS THAT OPERATE FIVE SERVO CIRCUITS WHICH ARE CONTROLLED BY SEALED MICRO-RELAYS IN INDIVIDUAL LC CIRCUITS. TONE FREQ. 300, 650, 955, 1390 & 1250. COMPLETE WITH TUBES 1/12AU7, 2/6AK6, 1/0A2, 28VDC VIBRATOR SUPPLY. PHOTO SHOWS SEALED COVER REMOVED. SIZE: 5 $\frac{1}{2}$ x8. WT: 6 LBS. PRICE: UNUSED \$9.95 CONNECTOR PLUGS TO FIT UNIT, 4 REQ. EA. \$1.50

ANGULAR RATE CONTROL PART OF AUTOMATIC PILOT B-1. CONSISTS OF 3 SEPARATE PLUG IN GYROS NAMELY ROLL PITCH & YAW, SIZE 4x4x5. ALSO CONTAINS RECTIFIERS, TRANSFORMERS, CONDENSERS, RESISTORS, CONTROLS ETC. STK#1JD405-G5. SIZE: 10x11x7 $\frac{1}{2}$; WT: 25 LBS PRICE: USED \$12.95

MAGNETIC AMPLIFIER TRANSMITTER SUB-ASSY. FILAMENT CHASSIS, PART OF AN/ALT-8 COUNTERMEASURES SET. CONSISTS OF CK927 FULL WAVE RECTIFIER CK843 SILICON RECT., TWO CK846 SILICON RECT., MAGNETIC AMPLIFIER TRANS. FIL. TRANS. 115/400CYC. SEC. 6.3/6A. MINIATUR POTS. AND DPST RELAY ALL MOUNTED ON CHASSIS 7 $\frac{1}{2}$ x3x3 $\frac{1}{2}$; WT: 3LBS. PART#2527-501-G1 PRICE: NEW \$1.95

SOUND RECORDER, ELECTRIC-MAGNETIC TYPE USING STANDARD DICTAPHONE WAX CYLINDER AMPLIFIER OUTPUT APPROX. 2 WATTS, RECORDING SPEED 96 TO 100 RPM DOUBLE MAN DREL, CONTINUOUS RECORDING, AUTOMATIC CHANCE-OVER, REPLACEABLE STYLUS. OPERATES FROM 115 VOLT 60 CYCLE. FLOOR CABINET 15 $\frac{1}{2}$ x15 $\frac{1}{2}$ x32. LESS MICROPHONE, HEADSET, RECORDING CYLINDERS & CABLES. SHIPPING WT: 100 LBS. DICTAPHONE#142 \$9.95

GUN SIGHT K-14 GUN SIGHT, SIGHTING HEAD. ILLUMINATED UNIT WITH TWO 2" X POWER LENSES, $\frac{1}{4}$ " REFLECTING MIRROR, WORM GEAR ADJUSTING LIGHT SHUTTER, TWO AUTOSYN MOTORS CONNECTED BY A SPRING BELT AND TWO MIRRORS MOUNTED ON SHAFTS. SIZE: 9x5x5 $\frac{1}{2}$; WT: 10 LBS. PRICE: USED \$2.95

INVERTERS



INPUT: 27.5 VDC 150 AMP.
OUTPUT: 115 VAC 2500 VA
400 CYC 1 PHASE
SIZE: 15 x 11 1/2 x 8 WT 58 LBS.
JACK & HEINTZ F-46-2
USED \$39.50

JACK & HEINTZ F-45-3
INPUT: 27.5 VDC 150 AMP.
OUTPUT: 115/200 V. 400 CYC
1/3 PHASE, 2250/2500 VA
SIZE: 19x11x8; WT: 75 LBS.
PRICE: USED \$49.50



MG-149F INVERTER

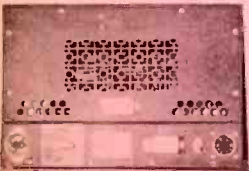
INPUT: 24 VDC 36 AMPS.
750 VA
OUTPUT: 115 V 400 CYCLE
1 PHASE 500 VA
26 V 400 CYCLE
1 PHASE 250 VA
SIZE: 12 x 7 1/2 x 8, WT: 21 LB.
PRICE: USED \$24.95
CONNECTOR PLUG TO FIT \$1.50



RA-87 AC RECTIFIER

Selenium type rectifier use with teletype printers operates from 115/230 volts 50-60 cycle output 115 volts DC .400 amps & 110 volt 50 - 60 cycle. Size 1 1/2 x 7 1/2 x 8 WT. 43 lbs.

NEW \$8.95



RA-62 AC POWER SUPPLY

Power Supply used with SCR-522 Transmitter-Receiver supplies all the necessary voltages.
INPUT: 115/230 60 cycle
OUTPUT: 300 VDC 230 MA.
-150 VDC 8 MA.
13 VDC 3.9 AMPS.
Completely fused & filtered.
Size 16 x 11 1/2 x 11 WT. 75 lbs.
PRICE: USED CHECKED \$59.50



G-24 AC & DC GENERATOR

OUTPUT
115 VAC 800 CYCLE 10.5 A.
28 VDC 60 AMP. @ 2400 RPM.
SPLINE SHAFT SIZE 7/8 x 1 1/2
SIZE: 6 1/2 x 7 1/2 x 13; WT: 45 LBS.
RE-COND. \$19.95



D.C AIRCRAFT MOTOR
GE# 58A50LJ29- HP .4
RPM 3000 ARM.V 60 FLD.V 27
AMPS. FLD. 2.3, ARM. 6.5
DUTY 10 MIN. INT. AT FULL
RATING.
SHAFT, CORK SCREW 5/8" DIA.
FLANGE MTG. 3/8 IN CNTS.
SIZE 6 1/2" LESS SHAFT 4 1/2 x 4 1/2
WT: 11 LBS. UNUSED \$4.95



AIRCRAFT MOTOR
MAXSON MODEL 118 H.P. 1
RPM 5800; 24 VOLTS DC
55 AMPS., SPLIT FIELD,
REVERSIBLE SHUNT, DOUBLE
END SHAFTS WITH GEAR 1/2"
1/3-8" FLANGE MTG. 3/8" CT.
SIZE: 6 1/2 x 4 1/2 x 4 1/2; WT: 15 LBS.
UNUSED \$4.95

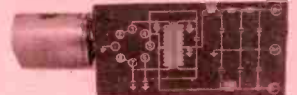
ELECT. ENG. MFG.
TYPE C-368, 26VDC
35 AMPS. 600 WAT
3/4 HP, APP. 3000
RPM. VERT. KEEOED 12 LBS
SHAFT 3/8" DIA. 3/16 SLOT.
FL. MTG. 3/4 CT. 7" LG. \$4.95

INVERTER
INPUT
27.5VDC 60A
OUTPUT
115 V 400 CY
750 W 3 PHASE
26 V 400 CY
50 W 1 PHASE
SIZE 11x10x6; WT: 40 LBS.
LELAND#10285 USED \$34.95

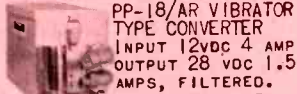
INVERTER
INPUT
27 1/2 VDC 22A
OUTPUT
115V 400 CY
3 PH 250 VA
SIZE 9x6x4; WT: 15 LBS.
ECLIPSE#E-1617-1 USED \$14.95



VIBRATOR POWER SUPPLY
TWO 6 VOLT SUPPLIES ON A
COMMON CHASSIS USING O24
RECTIFIER TUBES, OUTPUT 540
VDC @ 150 MA. CAN BE TAPPED
AT 270 VDC 150 MA.
SIZE: 9x6x5; WT: 10 LBS.
STK#3H6694-5 UNUSED \$9.95



MINI VIBRATOR SUPPLY
PP-855/PRC-14, AIRPAX No.
A-1063, VIBRATOR TYPE WITH
FILTER NETWORK, INPUT 6VDC
5.35 AMPS. OUTPUT 135 VDC
155 MA. VIBRATOR MOUNTS
OF UNIT. 7 1/2 x 2 1/2 x 2 1/2; WT: 3 LB
NEW \$4.95



PP-18/AR VIBRATOR
TYPE CONVERTER
INPUT 12VDC 4 AMP
OUTPUT 28 VDC 1.5
AMPS, FILTERED.
USES A NITROGEN
SEALED VIBRATOR. USED TO OP
ERATE 28 VOLT EQUIPMENT FRO
12 VOLTS. TWO OR MORE CAN
BE WIRED IN PARALLEL TO OBT
AIN A HIGHER CURRENT OUTP
UT. WITH PLUGS, MTG & SPARI
VIBRATOR. 6 1/2 x 5 1/2 x 8 1/2; WT: 9 LBS.
NEW \$7.95 USED \$4.95

FT-498 SHOCK
MOUNTING WITH
FOUR 10 LB.
RUBBER MOUNTS ON A ALUMINUM
PLATE 13x8x1 1/2; WT: 2 LBS.
PRICE: \$1.00

VOLTAGE REGULATOR
INPUT 21-30 V.D.C
5 AMPS. REGULATION
18-30 VDC @ 45 M281
SIZE: 4x3; 3LBS.
\$1.50

PJ GENERATOR

OUTPUT: 28 VDC 200 AMPS.
2500 TO 6000 RPM.
SPLINED SHAFT 7/8 x 1 1/2;
SIZE 6x8x14 1/2; WT: 48 LBS.
PRICE: USED \$19.95

12 VOLT GENERATOR
50 AMPS. 38 LBS.
SIZE 9x6x6
SHAFT 3/4x2
KEYED & NUT
DELCO#110646
PRICE: NEW \$9.95

PE-115 PHILCO
INVERTER 28VDC
36 AMP. INPUT.
OUTPUT 90 VOL
800 CYCLE 7.2
AMP. (NO VOLT
AGE REGULATOR
11x10x7; 40LBS
USED \$12.95

GENERATOR GAEN-211219C
OUTPUT: 12.5 VDC 4 AMPS.
240 VDC 100 MA.
INPUT DRIVE: 3/16 HP.
3450 RPM.
SHAFT SIZE: 3/8 x 1 1/2
MOTOR SIZE: 5 x 6 x 9 WT. 25 lbs.
Used: \$4.95 New \$6.95

DY-85 DYNAMOTOR VRC-2X
INPUT: 24 VDC 8 AMP.
OUTPUT: 600 VDC 175 MA.
SIZE: 7x4x4 1/2; WT: 10 LBS.
PRICE: NEW \$3.95

INVERTERS

EICOR #1-3112-1
INPUT: 26 VDC 6 AMP.
OUTPUT: 26 VAC 400 CYC.
VOLT/AMP: 40 1 PHASE
DUTY: CONT. 1.0 P.F
SIZE: 7 1/2 x 3 1/2; WT: 8 LBS.
PRICE: NEW \$8.95

FU-16 INVERTER
INPUT: 28 VDC 60 AMPS.
OUTPUT: 115 VAC 6.5 AMPS.
400 CYCLE 1 PHASE
Used: \$18.95
Size: 7 x 15 x 9 Wt. 38 lbs.

5D21NJ3A INVERTER
INPUT: 27 VDC 35 AMPS.
OUTPUT: 115 VAC 2.17 AMPS.
400 CYCLE 1 Phase.
Used: \$14.95 Unused \$24.95
Size: 9 x 6 1/2 x 5 1/2 WT. 20 lbs.

INVERTER
800-1-A
WT. 35 lbs.

INPUT: 24 VDC 75 AMPS.
OUTPUT: 115 VAC 800 CYCLE
1 Phase 10.5 AMPS.
USED \$12.95

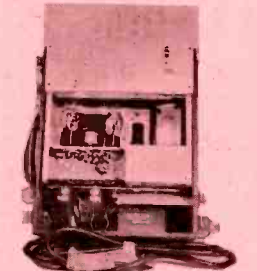


PE-237 POWER SUPPLY

VIBRATOR TYPE
INPUT: 6 VDC 27 AMPS.
12 VDC 13.2 "
24 VDC 7 "
OUTPUT: 525 VDC 90 MA.
105 VDC 42 MA.
6.5 VDC 2 AMPS.
6 VDC 500 MA.
1.3 VDC 450 MA.
130 VDC 17 MA.
With tubes & vibrator.
Size 10 x 10 x 17 WT. 70 lbs.
USED \$14.95 RE-NEW \$19.95



CARTER GENEMOTOR
MOTOROLA#259K1003
INPUT: 26.1 VDC 7 AMPS
OUTPUT: 405 VDC 270 MA.
SIZE: 7x4x5; WT: 12 LBS.
USED \$2.95 NEW \$3.95



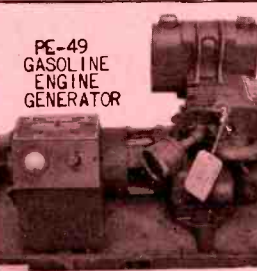
PE-120 Power Supply

INPUT: 6 VDC 4.5 MP.
12 VDC 2.5 AMP.
24 VDC 1.5 AMP.
OUTPUT: 145 VDC 75 MA.
90 VDC 40 MA.
1.5 VDC .75 AMP.
Vibrator type voltage regu
lated complete with tubes
OB-3/VR-105, 1005 & Ballast.
Also vibrator for 12 VDC.
Size 4 1/2 x 13 1/2 x 15 1/2 WT. 29 lbs
RE-NEW \$7.95



VRC-2 DYNAMOTOR

INPUT: 5.5 VDC 31 AMPS
OUTPUT: 600 VDC 175 MA
SIZE 7 x 4 1/2 x 4 1/2 WT: 8 LBS
STK.# 3H1514-5
PRICE RE-NEW \$7.95



PE-49 GAS LINE ENGINE GENERATOR



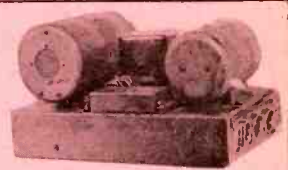
Size: 5 x 8 x 12 Wt. 35 lbs.

PE-98 DYNAMOTOR

INPUT: 14 VDC 21 AMPS.
OUTPUT: 300 VDC 260 MA.
150 VDC 10 MA.
USED \$5.95 UNUSED \$9.95

PE-94 DYNAMOTOR

INPUT: 28 VDC 10.5 AMPS.
OUTPUT: 300 VDC 260 MA.
150 VDC 10 MA.
14.5 VDC 5 AMPS.
Used \$4.95



TCS POWER SUPPLY
COLLINS 21881

INPUT: 12 VDC 14.5 AMP.
OUTPUT: 400 VDC 200 MA.
225 VDC 100 MA.
Size: 7 1/2 x 7 x 13 WT. 28 lbs.
RE-COND. \$12.95



Size 6 1/2 x 8 x 12 Wt. 30 lbs.

DY-17 DYNAMOTOR

INPUT: 27 VDC 32 AMPS
OUTPUT: 400 VDC 750 MA.
750 VDC 350 MA.
Used \$12.95



PP-868/U VIBRATOR
POWER SUPPLY

INPUT: 12 DC 2.0 AMP.
OUTPUT: 6.3 AC 1.0 AMP.
6.3 " .45 "
1.4 DC 1.25 "
155 DC 15 MA.
150 DC 5 "
140 DC 50 "
40 DC .5 "
SIZE: 5x6 1/2 x 7; WT: 12 LBS.
PRICE: USED \$9.95

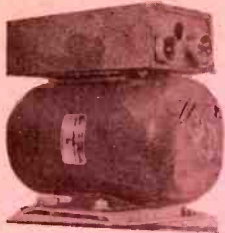


DY-9B/ARC DYNAMOTOR

INPUT OUTPUT
VOLTS AMPS. VOLTS AMPS.
26 4.3 360 CONT. 135
26 7.8 310 INT. 355
SIZE: 9x5x3 1/2; WT: 10 LBS.
RE-MOVED F/EQUIP. \$9.95

GENERATOR OUTPUT 1000 VDC
350 MA & 14.6 VDC 25 AMPS.
ENGINE: 1 CYCL. 4 CYCLE
APPROX. 3 HP.
SIZE: 36x20x25; WT: 275 LBS.
PRICE: \$75.00

DYNAMOTORS



Size 6½ x 10 x 11 WT. 38 Lbs.
With fuses and starting relay.

HD-77 DYNAMOTOR

INPUT: 14 VDC 39 AMPS.
OUTPUT: 1000 VDC 350 MA.

PE-73 DYNAMOTOR

INPUT: 28 VDC 19 AMPS.
OUTPUT: 1000 VDC 350 MA.
used \$12.95

DM-42 DYNAMOTOR



USED
\$4.95

INPUT: 12 VDC 39 AMPS.
OUTPUT: 515 VDC 215 MA.
" 1030 " 260 MA.
SIZE: 7x7x11 WT: 38 LBS.



DN-2528-1
NEW: \$3.95

INPUT: 27.5 VDC 27 AMPS.
OUTPUT: 1000 VDC 500 MA.
SIZE: 8½x4x4 WT: 13½ LBS.



PE-98
PE-94
DYNAMOTORS
ONLY

PE-98 DYNAMOTOR ONLY
INPUT: 14 VDC 21 AMPS.
OUTPUT: 300 VDC 260 MA
-150 VDC 10 MA
SIZE: 12x5x5; WT: 26 LBS.
UNUSED \$5.95

PE-94 DYNAMOTOR ONLY
INPUT: 28 VDC 10.5 AMPS
OUTPUT: 300 VDC 260 MA
-150 VDC 10 MA
14.5 " 5 AMPS
SIZE: 12x5x5; WT: 26 LBS.
UNUSED \$4.95

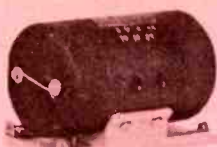


DA-19A DYNAMOTOR
INPUT: 28 vdc 11 AMPS.
OUTPUT: 400 " 400 MA.
SIZE: 7½x4½x4½; WT: 13 LBS
UNUSED \$4.95

BRUSH SETS



DM-21 DM-25 DM-28 DM-32
DM-33 DM-34 DM-35 DM-36
DM-37 DM-40 DM-41 DM-42
DM-43 DM-45 DM-53
BD-83 BD-93 BD-77
PE-73 PE-86
DA-12 DA-14 DA-1A
DY-21 DY-22 35x032
SP-125
OTHER TYPES ALSO AVAILABLE
SET OF FOUR BRUSHES \$.75



Size 3 x 3½ x 4½, Wt. 3 lbs.

DM-32 DYNAMOTOR

INPUT: 28 VDC 1.1 AMPS.
OUTPUT: 250 VDC 60 MA.
Price: Used \$2.95 New \$4.95

TYPE 35 x 032
(Same as DM-32 only 12V)

INPUT: 14 VDC 2.4 AMPS.
OUTPUT: 250 VDC 60 MA.
Price: New \$4.95

DM-53 AZ DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 VDC 80 MA.
Price: NEW 7.95

DM-53 DYNAMOTOR

INPUT: 28 VDC 1.4 AMPS.
OUTPUT: 220 VDC 80 MA.
NEW \$6.95 USED \$3.95



Size 3 x 3 x 4½, Wt. 3 lbs.

DM-45 DYNAMOTOR

INPUT: 24 VDC 1.1 AMPS.
OUTPUT: 250 VDC 50 MA.
Price: Used \$2.95 New \$4.95

DM-25 DYNAMOTOR

INPUT: 12 VDC 2.2 AMPS.
OUTPUT: 250 VDC 50 MA.
Price: Used \$2.95 New \$4.95



WEST 12B6534 DYNAMOTOR

INPUT: 24 VDC 1.75 AMPS.
OUTPUT: 300 VDC 70 MA.
Price: Used \$2.95 New \$4.95

Size 3 x 3 x 4½, Wt. 3lbs.
Dynamotors listed below
same size only less base.

DM-6936 DYNAMOTOR

INPUT: 28 VDC 1.1 AMPS.
OUTPUT: 250 VDC 60 MA.
Used \$1.95 Unused \$3.95

DMX-310A DYNAMOTOR

INPUT: 12 VDC 2.8 AMPS.
OUTPUT: 150 VDC 100 MA.
Used \$2.95 Unused \$4.95

TYPE 5047 DYNAMOTOR

INPUT: 27 VDC 1.75 AMPS.
OUTPUT: 285 VDC 75 MA.
Used \$3.95 Unused \$5.95

RADIO NOISE
FILTER 100
AMPS.50 VDC
GE#1C202
SIZE 4x4x2
PRICE: \$.50



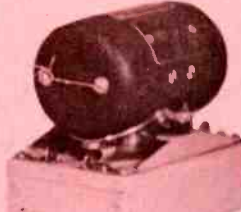
Size 3 x 4½ x 6½, Wt. 5 lbs.

DM-34 DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 VDC 80 MA.
Used \$2.95 Unused \$4.95

DM-36 DYNAMOTOR

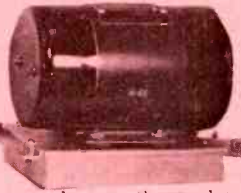
INPUT: 28 VDC 1.4 AMPS.
OUTPUT: 220 VDC 80 MA.
Used \$2.95 Unused \$4.95



Size 3½ x 5 x 5½, Wt. 3½ lbs.

PE-86 DYNAMOTOR

INPUT: 28 VDC 1.25 AMPS.
OUTPUT: 250 VDC 60 MA.
PRICE: Used \$2.95 New \$4.95



Size 3½ x 5 x 6½, Wt. 5½ lbs.

DM-28 DYNAMOTOR

INPUT: 27.9 VDC 1.25 AMP
OUTPUT: 220 VDC 70 MA
PRICE: USED \$6.95



D 401

INPUT: 12 VDC 9.9 AMP.
OUTPUT: 400 " 180 MA.
SIZE: 4x4½x7; WT: 10 LBS.
PRICE: UNUSED \$6.95

DA 14A SPECIAL WITH BASE

INPUT: 14/28 VDC 3.3/1.6 A
OUTPUT: 230 VDC 100 MA.
SIZE: 3½x3½x6; WT: 6 LBS.
UNUSED \$6.95



DM-21
DYNA-
MOTOR
INPUT: 14 VDC 3.3 AMP.
OUTPUT: 235 VDC 90 MA.
SIZE: 6x5x3; WT: 8½ LBS.
PRICE: USED \$7.95



DY-21 DYNAMOTOR

INPUT: 27 VDC 7 A
OUTPUT: 410 " 325 MA.
SIZE: 7½x3x3½ WT: 8½ LB
PRICE: USED \$7.95



Size 4½ x 5½ x 6½, Wt. 10½ lbs.

ED-83 DYNAMOTOR

INPUT: 14 VDC 6.5 AMPS.
OUTPUT: 375 VDC 150 MA.
UNUSED \$7.95

CW21441 DYNAMOTOR

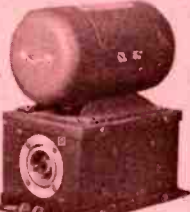
INPUT: 28 VDC 2.9 AMP
OUTPUT: 330 " 135 MA
NEW \$3.95

DM-416 DYNAMOTOR

INPUT: 28 VDC 3.1 AMPS.
OUTPUT: 330 VDC 470 MA.
Used \$1.95 Unused \$3.95

ED-93 DYNAMOTOR

INPUT: 28 VDC 3.2 AMPS.
OUTPUT: 375 VDC 150 MA.
Used \$2.95 Unused \$4.95



Size 4 x 7 x 6½ Wt. 10½ lbs.

PE-133 DYNAMOTOR

INPUT: 12 VDC 2.3 AMPS.
OUTPUT: 230 VDC 90 MA.
Used \$4.95 Unused \$6.95



Size 5½ x 6 x 8½, Wt. 12½ lbs.

TYPE 377 DYNAMOTOR

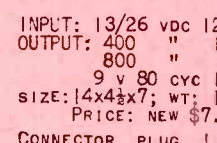
INPUT: 14 VDC 8 AMPS.
OUTPUT: 425 VDC 163 MA.
Used \$6.95 Unused \$9.95



Size 5½ x 3½ x 7, Wt. 7 lbs.

DM-40 DYNAMOTOR

INPUT: 14 VDC 3.4 AMPS.
OUTPUT: 172 VDC 138 MA.
PRICE: USED \$3.95



CONNECTOR PLUG 1.50

INPUT: 13/26 vdc 12.6/6.3A
OUTPUT: 400 " 135 MA.
800 " 20 "
9 v 80 CYC 1.12 AMP.
SIZE: 14x4½x7; WT: 15 LBS.
PRICE: NEW \$7.95



Size 4½ x 4½ x 8½ Wt. 13 lbs.

DM-35 DYNAMOTOR

INPUT: 12.5 VDC 18.7 AMPS.
OUTPUT: 625 VDC 225 MA.

NOT AVAILABLE

DM-37 DYNAMOTOR

INPUT: 25.5 VDC 9.2 AMPS.
OUTPUT: 625 VDC 225 MA.
UNUSED \$4.95



BD-69 DYNAMOTOR
INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 " 80 MA.
SIZE: 6½x6x4½; WT: 10 LBS.
UNUSED \$3.95



CAY-21772 DYNAMOTOR
INPUT: 12 VDC 3 AMPS.
OUTPUT: 235 VDC 75 MA.
SIZE: 6½x5x4 w/MTG. 7 LBS.
UNUSED \$4.95



DA 1A

INPUT: 28 VDC 1.6 AMP
OUTPUT: 230 VDC 100 MA
SIZE: 3½x3x5½; WT: 6 LBS.
UNUSED \$4.95



DM-33 DYNAMOTOR

INPUT: 28 VDC 5 AMPS.
OUTPUT: 575 VDC 160 MA.

Size 3½ x 4 x 7½ Wt. 8½ lbs.

DI-22 DYNAMOTOR


INPUT: 28 VDC 1.8 AMPS.
OUTPUT: 210 VDC 125 MA.
Price: Used \$4.95



WINCO TYPE 41S6


DUAL OUTPUT
INPUT: 13 vdc 13 A.
OUTPUT: 300 vdc 225 MA
250 " 60 "
SIZE: 8½x4½x4; WT: 10 LB
PRICE: UNUSED \$7.95

AC-DC Motors Hi-Speed Gear Reductions Blowers




DELCO PM MOTOR 250 RPM #5067127
27 VDC WITH GEAR ATTACHED TO 1/2" SHAFT
REMOVABLE MOUNTING, 8 OZ. INCH TORQUE
REMOVED FROM NEW EQUIPMENT.
PRICE \$4.95


SIZE: 4x1 1/2x1 1/2
WT: 8oz. GE SAME AS ABOVE NOT PM #58A10AJ8D \$3.95




ELECTRIC WINDING TIMER MOTOR 6 VOLT D.C.
WILL MAKE ONE REVOLUTION PER HOUR THEN
AUTOMATICLY REWIND. SHAT SIZE 5/8 X 3/16
THREADED ALSO HAS A DISC WITH ARM MOUNTED
TO IT. HOUSED IN METAL BOX 3 1/2x3 1/2x3; 1 LB
BORG#D257764 PRICE \$1.50




HOLTZER-CABOT DUAL SPEED GEAR REDUC-
ION MOTOR, 115 V. 60 CYCLE, 1 PHASE, ONE
SHAFT 40 RPM, OTHER 165 RPM 24 OZ. IN
TORQUE, .4 AMP. MOTOR SIZE 4 1/2x4 1/2x5 1/2,
SHAFT, 3/8x4-40RPM, 1/8x3/8-165RPM.
#RBS-3712 \$9.95




RATCHET MOTOR, 24 VOLT DC 60 RPM CONTINUOUS
ALSO 3 POSITION STOP. BAND SWITCH ASSEMBLY
AS USED IN R-5/ARN-7 COMPASS RECEIVER.
UNIT WILL ALSO OPERATE ON 18 TO 24 VDC.
SIZE: 3x4x1 1/2; WT: 1 1/2 LBS. STK# 609-ARN-7
PRICE: \$1.25




WESTINGHOUSE BUSINESS MACHINE MOTOR 25 MHP
115 VOLTS 50/60 CYCLE .5/4 AMPE
TYPE FL 4.0/3.0 MFD. 1425/1725
RPM. SIZE: 4 1/2x4x4; WT: 5 LBS.
SHAFT 5/16x 1/2 FLATENED. FOR USE
IN RUBBER SHOCK MOUNTING BRACKET
PRICE: NEW \$2.95



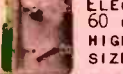
TELETYPE MOTOR AC; 110 VOLT 60 CYCL
1 PHASE, NON-SYNCHRONOUS, 1/25 HP,
1800 RPM, 1.25 AMP., DOUBLE SHAFT
1 1/2x3/16x5/8 X 3/16, MOTOR SIZE 5 1/2x
5x5; WT: 13 LBS. GE#28478
PRICE \$4.95




DC BLOWER DUAL OUTLET; 24 VDC 3000
RPM APPROX. 100 CFM; 12 VDC 1500 RPM
APPROX. 50 CFM. SIZE 10x5x5; WT: 5 LBS.
#58S25KJ5C1. PRICE USED \$1.95




TG-10 KEYER MOTOR 115 VOLT 60 CYCLE
1550 RPM, SHAFT 1-7/8", GEARED TO 80 RPM.
SIZE: 3 1/2x3 1/2x4 1/2; WT: 3 LBS. #3H3000-3
REMOVED FROM TG-10 EQUIPMENT
\$2.95




ELECTRO COUNTER & TIMER MOTOR, 115 VOLT
60 CYCLE, 14 RPM, USED TO TURN TUNERS,
HIGH POWER TORQUE, INTERMITTENT OPERATION
SIZE: 3x4x3; WT: 2 LBS. #MA201752 \$1.50



AIR ASSOCIATES MOTOR EE-763, 1/10 H.P.
27 VOLTS DC. 6 AMPS, 3500 RPM.
SHAFT SIZE 3/16 X 5/8, MOTOR SIZE
4x3x3, FLANGE MTG. 4 LBS. \$2.95




PM MOTOR ASSEMBLY & GEAR TRAIN
USED IN R-44 RECEIVER FOR REMOTE
TUNING. CONTAINS DELCO PM MOTOR
#5069370, 10,000 RPM ATTACHED TO
A GEAR ASSY. THAT HAS TWO SHAFTS
80 RPM AND IS GEARED TO TWO
SHAFTS WITH 3" & 1 1/2" GEARS THAT
THAT TURN AT 40 & 80 RPM. ASSY
SIZE 4 1/2x6x3; SHAFT SIZES 1/2 X 3/4
WT: 3 1/2 LBS. STK. #3H3100-15
PRICE: \$4.95




GENERAL ELECTRIC 58A25DJ300
24 VDC @ 2 AMPS., 4500 RPM, REVER-
SIBLE, GOVERNOR CONTROL MAGNETIC
BRAKE, FLANGE MOUNT, SIZE 2 1/2x5 1/2x7
WT: 3 LBS., SPLINED SHAFT 3/16x7/8
PRICE: \$2.95



DELCO P.M. MOTOR #5069466, 27.5 VDC
IN ALUMINUM CASE GEARED TO WORM GEAR
MOTOR SIZE 1 1/2x1 1/2x2 1/2, 10,000 RPM.
CASE SIZE 2 1/2x2 1/2x2 LESS MTG. SIZE.
WORM GEAR 2000 RPM, WT: 2 LBS.
STK# 3H3100A-1 PRICE: \$2.95




John Oster type C 24A-1B - KS-5829-
01 27 VDC 1/100 HP 7000 RPM DC
Series Motor 2" D. X 3" L. Shaft
1/2 X 1 Wt. 1 lb. Price \$0.75




6 VOLT DC MOTOR, REVERSIBLE 1/20 H.P.
SHAFT 1/2 X 3/4, FRONT END MOUNTING STUDS.
MOTOR SIZE 3 1/2x3; WT: 4 LBS. APP 3000 RPM
G16VDC-R PRICE: \$1.25


Windshield Wiper Motor 24VDC; Very power-
ful, May be used wherever an oscillation
motion is desired such as stirring or
agitation. Size 2 X 3 1/2 X 3 5/8. Shaft ex-
tends out 1 1/2" from the Motor. Wt. 1 lb.
10 oz. Stock No. 10D24. Price.....\$2.95




Delco 5069370 27 VDC Reversible PM
Motor and Gear assm. in an Aluminum
case. Output speed is 80 RPM through a
friction clutch to a double shaft 1/2 X
3/4 on one side, 1/2 X 1 1/2 on the other.
Size complete assm. 3 5/8 X 2 X 4 1/2 ex-
cluding shaft. Has built in noise
filter system. Wt. 1 lb. 5 oz.
Price..... \$ 4.95



Same Motor as used in above
assm. Size 1 1/8 X 1 1/2 X 2 1/2.
Wt. 4 Oz. Price..... \$2.95




12 VOLT D.C. MOTOR
LEECE NEVILLE 12 VOLT D.C MOTOR
5000 R.P.M., 1/20 H.P. SHAFT 1/2 X 1 1/2
MOTOR 3 1/2x3; WT: 5 LBS. BRONZE BEARING
#R&R-12 VDC \$1.95




BENDIX BAND CHANGE MOTOR #AC56566-2
OPERATES FROM 28 VDC. THREE POSI-
TION POSITIVE STOP. WITH SWITCHES
& WAFFER ASSY. SIZE: 6x3x2 WT: 1LB.
PRICE: \$2.95




DELCO 5069790 PM 100 R.P.M.
27 VDC WITH GEAR ATTACHED TO
1/2 INCH SHAFT 1/2 INCH LONG.
MOTOR SIZE 4 1/2x4. WT: 8 OZ.
PRICE: \$3.95




Bendix LM108J 24VDC 1/25 HP 15,000 RPM
Series Motor. Geneva Loc. Actuator. Shaft
rotates 1/2 revolution and stops and is
locked in place until next contact is
made then the cycle is repeated-time per
cycle app. 3 seconds. Size 4 X 2 1/2 X 5 1/2.
Shaft size 1/2 X 1/2. Wt. 1 lb. 14 oz.
Price..... \$ 4.95




General Electric 58A25MJ424 - Type BA
24 v @ 4.2A 7100 RPM 1/20 HP Flange
mount Motor size 2 1/2" X 5". Shaft size
1/2 X 1 Wt. 3 1/2 lbs. Price..... \$1.95



ELECTROLUX Motor 28.5 VDC. 1.8 AMPS.
2200 RPM. 1/35 H.P. SHAFT SIZE 1 1/2 X 1 1/2
MOTOR SIZE: 4 1/2x3 1/2; WT: 5 LBS.
PRICE: \$3.95




Air Associates EE1220WJ-Gear Reduc-
tion. Either end or Base Mount.
27V @ 1.75A-1/75 HP 960 RPM with
Governor control. Size 2 1/2 X 2 3/4
X 5 1/2. Shaft 1/2 X 3/8. Wt. 1 lb.
12 oz. Price..... \$3.95




FLYER ELECTRIC MOTOR HEAVY DUTY
115 VOLTS AC-DC 50-60 CYC. 78 AND
33 1/3 R.P.M. 9x5x4 WT. 10 LBS.
PRICE: \$1.50




MERCURY MOTOR 8100, 115 VOLT 60 CYCLE, 1750
RPM, OPEN FRAME 3x2 1/2x2, SHAFT 1/2x1 1/2, WT: 1 LB.
PRICE: \$1.00



John Oster Shunt Motor B-9-1 27 1/2 VDC
@ .7A. 5600 RPM. Aluminum Cased Motor
and Gear assm. Motor is flange mount-
ed to the Gear case. 2 gear reductions
22 and 5 1/2 RPM on 1/2 X 1 1/2 shafts. Size
2 3/4 X 3 X 7". Wt. 1 lb. 14 oz.
Price..... \$1.00




ART-13 MOTOR 28
VOLT D.C 3900
RPM, 1/20 H.P.
REVERSIBLE, BALL
BEARING. WILL
OPERATE 12 VOLT
SIZE 3x3x3 1/2; 2LB. #B-101/803/
800. PRICE: \$1.95




OSTER 10 CFM Blower
John Oster motor C2HF-1A
27.5 VDC 1/100 HP 6000
RPM with blower 10CFM.
Size 3 1/2 x 3 1/2 x 4 1/2 Wt 1 1/2


Motor & Blower \$3.95 Motor only 1.95



400 CYCLE BLOWER
Eastern Air Devices
10 CFM Blower 115 Volt
400 cycle, 1/100 HP
motor. Size 3 1/2x3 1/2x4 1/2
Wt. 1 lbs.
PRICE: \$2.95



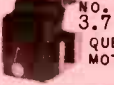
PINCOR BLOWER
Cast Aluminum house-
ing shunt type motor
24 VDC 5000 RPM, 10
CFM blower. Motor
noise filtered. WT 1lb
10 oz. Size 3 1/2x4 1/2x4 1/2.
PRICE: \$2.95



OPEN TYPE BLOWER
Delco motor 5069267 27 VDC
6000 RPM, reversible shunt
type, flange mount. WT 1 lb
size 1-3/4x2-5/8x2 1/2.
Motor-Blower \$1.95 Motor only \$1.50




DELCO PM MOTOR 12 VDC
10,000 RPM, GEARED
TO ASSY. APPROX 250
TO PLASTIC WHEEL &
POT. 4x3x2; 1 LB.
#5092543/2 \$4.95
MOTOR ONLY 3.95



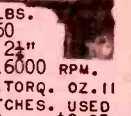
PHILCO GEAR REDUCTION
NO. 441-1008, 24 VDC,
3.7 RPM 40 LB. IN. TOR-
QUE, SHAFT 5/16x5/8,
MOTOR 4x3 1/2x5 1/2; 4 LBS
\$5.95



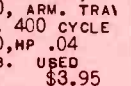
NAVY PM MOTOR
27 VDC
1/150 H.P.
5000 R.P.M.
SHAFT 3/4x3/16
MOTOR 1 1/2x1 1/2x2
WT: 8 oz. STK# J942-BUO-676213
PRICE: \$1.95




CAMERA MOTOR
Open frame used in aircraft
cameras 12 Volt AC-DC
Double end shaft 1/8
x 1/2, motor size 2 1/2x
2 1/2. 5000 RPM. # CM-120
Price\$1.95



ACTUATOR
LINEAR, RATED LOAD LBS.
STAT.-200, TEN.-25-50
COMP.-25-50, TRAVEL 2 1/2"
MOTOR 115V 400 CYCLE, 6000 RPM.
DUTY 1/10, H.P. .04, TORQ. OZ. 11
6.7 WITH LIMIT SWITCHES. USED
AIRESEARCH#35906-30 \$2.95



LINEAR ACTUATOR, STAT. 750,
TENS. 375, COMP. 200, ARM. TRAV
5-7/8", MOTOR 115 V. 400 CYCLE
6000 RPM, DUTY 1-10, HP .04
SIZE 1 1/2x3x4; WT: 5LB. USED
AIRESEARCH#31914 \$3.95




D.C. ACTUATOR 26 V.
1.5 A. DUTY 3/20
HP .015, RPM 7500 \$2.95
STATIC 600, TEN. 130
COMP. 90, TRAVEL 1 1/2"
8x5x3; 4 LB. ELA-3-139-2




HEAVY DUTY
REVERSIBLE
TYPE GEAR
HEAD MOTOR
JOHN OSTER
#KU-IL-IR
28 VDC, 100 - 200RPM
8 AMP 2 1/2 lb. FT.
torque. Size 7 1/2 x 10 x 4 1/2. WT. 12 lbs
Shaft size 7/16 x 3/4. Price \$5.95

BULL'S EYE INDICATOR LIGHTS
 1" JEWEL REMOVEABLE FROM FRONT OF PANEL FOR INSERTING LAMP OVERALL DEPTH. 2" MOUNTS IN 1/16 HOLE ON PANELS UP TO 1/2" PRICE: \$.35 OR 3/ \$1.00



DULL FINISHED BRASS, RED LENSE DOUBLE CONTACT BAYONET BASE, WITH 12 VOLT LAMP LM-44, 1 INCH HOLE MTD. SIZE 1 1/2 x 3. #226125-22 PRICE: \$.39 EA. 3 FOR \$1.00

SW-206EP-15




20 POSITION ROTARY SWITCH WITH SIX DECKS. 2 1/2" DIA. PRICE: \$2.95


CERAMIC COIL FORM F/ ART-13 ANTENNA LOAD SIZE 2"x5". NO WIRE 50¢ WITH WIRE \$1.00




RUBBER SHOCK MOUNTS MTD HOLES 2" CENTERS 6 LB. #6 \$.35 14 LB. #14 .50 10 LB (ILLUS) #150 .40




CERAMIC COUPLER 2" DIA. 1/2" SHAFT EA. SIDE STK#SWTU-5 PRICE: \$.50




GIANT 4 CONTACT CERAMIC FOR 872, 211 ETC. 3 1/2" RD. GE#ML7461594-G1 PRICE: USED \$.39



GIANT 4 CONTACT CERAMIC SOCKET FOR 715, 718 ETC. 3 1/2" RE STK#Z27684.98 PRICE: NEW \$.50



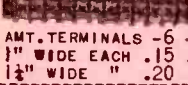
GIANT TUBE SOCKET 7 CONTACT FOR 813 4E27A ETC. 2 1/2" BQ GE#M7466795-1/442 PRICE: \$.75 USED



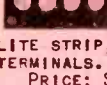
REGULATOR CURRENT AUTOMOTIVE TYPE OPEN FRAME 50 AMP. SIZE 2 1/2 x 1 1/2 x 1 LB ORD.#G1026184433 DELCO#1884042 \$1.00




TERMINAL STRIPS WITH CLIPPED WIRES AMT. TERMINALS -6 -8 -10 -12 -14 1 1/2" WIDE EACH .15 .20 .25 .30 .35 1 1/2" WIDE .20 .25 .30 .35 .40




BINDING POSTS 7 ON A BAKE-LITE STRIP, THUMB SCREW TYPE TERMINALS. REMOVED FROM EQUIP PRICE: \$.35 EA. 3 FOR \$1




TELEPHONE SIGNAL DROP SWITCH BOARD UNIT WITH MOMENTARY & HOLD MULTI-CONTACT LEVER SW RING IN DROP RELAY & PHONE JACK. SIZE 1 1/2 x 3. WT: 1 LB. #EE-2 \$.39 EA. 3/\$1 USED PL-11 PLUG ON 30" CORD \$.35 EA.



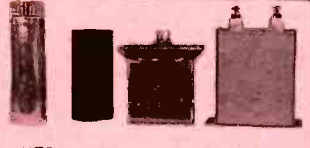
SW-118 SWITCH ASSY. SPST, ONE SIDE HOLDING ON - OTHER SIDE MOMENTARY ON, CENTER OFF SWITCH SIZE 1 1/2 x 1, CASE SIZE 2 1/2 x 1. PRICE: \$.35 EA. 3 FOR \$1.00



B-9A SWITCH ASSY SPDT CENTER OFF 5 AMP. 125 VOLTS TWO HOLE MTD. SIZE: EA. SW 3/4 x 2 1/2. \$.35 EACH BANK OF FOUR \$1.




Capacitors




MFD	VDC	SIZE	PRICE
2000	15	1 1/2 x 4 1/2 RD	\$.59
1000	50	1 1/2 x 4 1/2 RD	.55
24000	3	4 x 3 RD	1.50
4	400	2 1/2 x 3 1/2 x 1 1/2	.25
5x5	400	3 1/2 x 3 1/2 x 2	.50
10	400	4 x 4 x 1	.75
.5	500	1 1/2 x 1 1/2 x 1 1/2	.20
2	600	1 1/2 x 4 1/2 x 1	.25
4	600	3 1/2 x 2 1/2 x 1 1/2	.50
6	600	4 1/2 x 2 1/2 x 1 1/2	.75
7	600	4 x 4 x 2	.85
10	600	3 1/2 x 4 1/2 x 1 1/2	1.10
2 1/2 x 2 1/2 x 5	"	6 1/2 x 4 x 2	.75
1	1000	1 1/2 x 2 1/2 x 1	.50
15	1000	3 1/2 x 4 1/2 x 2 1/2	2.95
1-1-1	1200	3 1/2 x 3 1/2 x 2 1/2	1.00
1	2000	2 x 3 x 1	1.25
.5	2500	3 1/2 x 3 x 1	.75

MFD	VAC	SIZE	PRICE
5	660	3 1/2 x 4 1/2 x 1 1/2	1.95
15	330	3 1/2 x 5 1/2 x 1 1/2	1.75
1	1000	3 1/2 x 4 x 2	.75

POTENTIOMETER 100 WATT, 100,000 OHM IN 20 STEPS 5000 OHM EACH WITH HEAVY DUTY CONTACTS & INSULATED TERMINALS 7 SHAFT, DAVEN#1373 SIZE: 5 1/2 x 3 1/2, SHAFT 1-3/8 x 3/8. WT: 1 1/2 LB. STK#Z27281-3 \$1.25



POTENTIOMETER PRECISION TYPE, WIRE WOUND, 2 SEC 10,000 OHMS EACH 6 W. 3 SOLDER LUGS EA. SEC. SIZE 3x5 1/2. WT: 1 LB. STK#Z27284-29 \$.75



MFD	VDC	SIZE	PRICE
156K	15 MF	1000	
106K	10 MF	600	
605K	6 MF	600	
405K	4 MF	600	


MFD	VDC	SIZE	PRICE
15	1000	3 1/2 x 4 1/2 x 2 1/2	\$2.95
10	600	3 1/2 x 4 1/2 x 1 1/2	1.10
6	600	4 1/2 x 2 1/2 x 1 1/2	.75
4	600	3 1/2 x 2 1/2 x 1 1/2	.50

Switches


Switches removed from new equip.

TYPE	MTG	VOLTS	STK	PRICE
S.P.S.T.	NUT	3A/125	SW-105	.20
S.P.D.T.	"	"	8829K1	.35
4.P.S.T.	"	"	8883K2	.55
D.P.S.T.	"	"	8822K1	.35
D.P.D.T.	"	"	SWP221	.50
S.P.S.T.	"	"	8817K2	.25
(Momentary)				
D.P.D.T.	"	"	ST-22R	.40
(Momentary one side)				

SWITCH HEAVY DUTY TAP SWITCH 5 POSITION FOUR HOLE MOUNTING SIZE: 2 1/2 x 2 1/2 x 1 1/2 STK#329627 \$1.50



ANTENNA CIRCUIT SWITCHING SWITCH 100 WATT Size 4 1/2 x 2-3/4" 3/Break #329626 \$2.50



Vibrators

VB-16/6, 12 or 24 volt for PE-237 \$3.95

TYPES LISTED BELOW \$1.95 Each

VB-1 1/6 volt for PE-117 PE-97 & PE-237 (Same as VB-7)

VS-3 1/6 volt for PE-104 (Same as Mall-550C)

G534/12 volt for PE-110

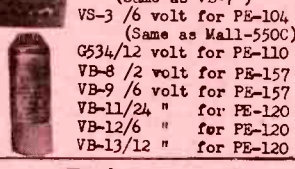
VB-8 1/2 volt for PE-157

VB-9 1/6 volt for PE-157

VB-11/24 " for PE-120

VB-12/6 " for PE-120

VB-13/12 " for PE-120

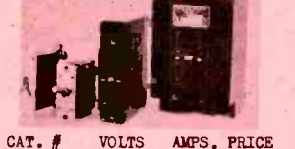


Rheostats



STK.#	WATTS	OHMS	PRICE
30993	25	50	\$.50
25250	25	250	.50
4582	50	6	.60
41132	50	7.5	.50
353-5049	50	8	.75
15822	50	17	.60
5020	50	20	.75
5895 (DUAL)	50	20	1.50
489485	50	25	.75
32229	50	60	.75
3836	50	250	.75
15010	150	10	1.95

Breakers



CAT. #	VOLTS	AMPS.	PRICE
P-0111	125 AC	12	\$1.50
3H900-1-25	115 AC	1 1/2 A	1.00
3H900-3-2	115 AC	3 A	1.00
62349M6	117 AC	1.25 2.50	
(3 POLE)			
8751K4	30 DC	10	.50

Relays


ANTENNA Change over RELAY 12 Volt DC 2 Break 2 Make 100 Watt Stock # 206191/L1 Price \$3.95



DYNAMOTOR STARTING Relay 14 volt DC S.P.S.T. 43 AMP. Stock#3HL777A/3 Price \$2.50



RATCHET TYPE BAND CHANGE MOTOR AS USED IN SCR-522 FOUR POSITION 12 VDC OPERATION. STK# 3H3112 REMOVED FROM EQUIPMENT. PRICE: \$2.50



SPERTI VACUUM SWITCH AS USED IN ART-13 TRANSMITTER KEYING RELAY DESCRIBED BELOW, SPOT STK#329847-4.5 PRICE \$11.50



Kits \$1.00

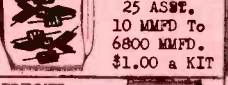
DISC CERAMIC CONDENSERS 33 ASST. 15MMF-.01MFD. Good Value \$1.00 a KIT



TUBULAR CONDENSER 50 ASST. .00025 to .1 200 to 600 V \$1.00 a KIT



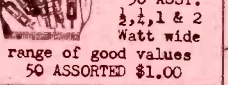
MICA CONDENSERS 25 ASST. 10 MMFD To 6800 MMFD. \$1.00 a KIT




TUNING CONDENSERS 25 ASST. 3 to 280MMF WIDE RANGE \$1.00 KIT.



RESISTORS INSULATED 50 ASST. 1/2, 1, 1 & 2 Watt wide range of good values 50 ASSORTED \$1.00




RESISTORS WIREWOUND 25 ASST. 5 to 20 Watt. Wide range of values some tapped. 25 ASST \$1.00



VOLUME CONTROLS 10 ASST. Popular Values \$1.00




TUBE SOCKETS 20 ASST. Octals Locals Minatures Wafers etc \$1.00



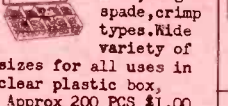
PILOT LIGHT SOCKETS 25 ASST Bayonet Screw etc. \$1.00



TERMINAL STRIPS, Tie lug strips, ASST types. 25 for \$1.00



TERMINAL LUGS, ring spade, crimp types. Wide variety of sizes for all uses in clear plastic box, Approx 200 PCS \$1.00



ROTARY SWITCHES BRAND NEW ORDER NOW 6 for \$1.00




BATHING CONDENSER KIT 1 MFD. to 1. MFD. up to 600 Volt. 10 for \$1.00

HARDWARE KIT NUTS, WASHERS SCREWS, RIVET GROMMETS ETC. 1 1/2 LBS. \$1.00



BUZZER FOR SWITCH-BOARDS BD-91/BD-96 OPERATES 2-6 VDC 4-9 VAC, NON-POLARIZED; 10.5 OHMS. VIBRATING ADJUSTABLE TYPE. SIZE 2 1/2 x 2 1/2; WT: 4 OZ. PRICE: \$1.




PE-109B INVERTER FILTER, MALLORY NF-1-2/ LELAND B-2037, REF. 120 STK. #3H2575-109B 8 1/2 x 3 x 2 1/2; WT: 2 LB New \$1.50



BC-603, BC-683 BC-604 & BC-684 SPARE PARTS BEST FOR STORING TUBES & PARTS. SAME SIZE & SHAPE AS RECEIVERS 2 COMPARTMENTS. SIZE 7 1/2 x 1 1/2 x 1 1/2 WT \$1.00




METAL Box WITH REMOVEABLE TOP, CUTOUTS FOR AC OUTLETS & SWITCH. SIZE: 6 1/2 x 4 1/2 x 4 1/2 PRICE: \$.50




ALARM BELL OPERATES ON 24 vdc. 4 1/2 x 4 1/2 x 2 1/2 # 561-3 \$1.25




HORSESHOE MAGNETS 5 lb. Lift 2 1/2 x 2 3/8" 1 1/2 lb. \$.50 25 lb. Lift 2 1/2 x 2 1/2 x 1 1/2 1 lb. 2.90




HAND TYPE MAGNETO GENERATOR USED FOR RINGING TELEPHONE LINES, OUTPUT ABOUT 100 VOLTS. CAN ALSO BE USED AS SHOCK MACHINE, LIGHT SMALL BUBBLES OR DRIVE WORMS OUT OF YOUR LAWN BY PLACING THE THE OUTPUT TO METAL STAKES AND DRIVING THEM INTO GND.




GN-36 WITH THREE MAGNETS \$2.95




GN-38B PERMANENT MAGNETS 2" x 1" \$3.95




GN-41B PERMANENT MAGNETS 3" x 1 1/2" \$4.95




GN-38A WITH COIL MAGNET \$2.95




G-25A ROUND TYPE MAGNETO \$2.50



THUMB-IT WHEEL WAFER SWITCH NUMBERED. EACH SWITCH CAN BE MOUNTED SINGLY OR IN BANKS. SIZE EACH SECTION 2 1/2 x 2 1/2. REMOVED FROM EQUIP. PRICE: 11 CONTACT... \$.50 19 CONTACT... .75




25 Precision Resistor Ass't WIRE WOUND OR CARBON 1% OR BETTER GOOD VALUES. \$1.00 50 TINY CAPACITORS SELECTED TINY ASST PAPER & CERAMIC X GOOD VALUES. \$1.00




MINIMUM ORDER \$3.00


Power Transformer Filament Modulation Microphone Chokes



PRI: 115/230 60 cyc
SEC: 800 CT. 120 MA
6.4 4.5 AMP
5 2
6.3 .6
6.4 450 MA
Size 5x5x6 WT. 13 lbs.
Stock # 229621-380
PRICE: \$2.95



PRI: 115/230 V 60 cyc
SEC: 240 VCT 35 MA
24 V .9 AMP
6.3 " .6
6.3 " .3
Size 3x3x3 WT. 4 lbs.
Stock # FM-13-317
Price \$1.25




HIGH VOLTAGE
PRI: 115 V. 4 A.
SEC: 6000 V. 80MA.
NO TAP.
SIZE: 7x6x7; 20 LBS
\$7.95




PRI: 115/230 60 cyc
SEC: 750-0-750
1.66 AMP @ 1.66
SIZE: 13x10x11
WT: 115 LBS.
STK# 229607-16
PRICE: \$29.50




MODULATION TRANSFORMER
Watts 20 Response
Response 200-5000-10B
Pri-Z 6000 SEC-Z 6000
Collins #677-2010-00
Size 2 1/2 x 2 1/2 x 3 1/2 WT. 3 1/2 lbs
Stock # 229634.53
Price \$2.95




PRI: 115 V 60 CYC.
1200 CT 200 MA.
12.5 2 AMP.
12.5 2 AMP.
5 3 AMP.
Size 4x4x4 WT. 10 lb
Stock # FAIR-617
Price \$8.95
DESIGNED FOR COMMAND
TRANSMITTER




6 HY 75 MA
150 OHM
3x3x2 1/2 WT: 2 1/2
STK# 30316-7
PRICE: \$.79




14 HY 125MA
275 OHMS.
2 1/2 x 3 1/2 x 5 1/2;
308-708-060
\$1.25



PRI: 115 V 60 cyc.
SEC: 1080 CT. 142 MA.
6.3 1 AMP.
6.3 2 AMP.
5 3 AMP.
Size 5x5x5 WT. 14 lbs
Stock # 229621-52
PRICE: \$3.95



PRI: 115 v. 60cy
SEC: 24 V. 1.5 A
5 V. 6.0 A
6x4x2 1/2; WT: 8LB
#229621-508
\$1.95



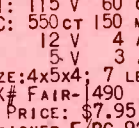
AUTO VIBRATOR
TRANSFORMER
VIBRATOR 12/115CY
SEC: 248CT 90 MA
1 2.4 AM
115 CYCLE
SIZE: 2 1/2 x 3 1/2 x 3 WT4
STK# 229625-75
PRICE: \$1.50



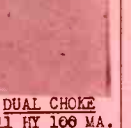
SEC: 650vct 50MA
6.3 " 5 A
10.2 " 13 A
25NCT 4 A
RCA#K901467-502
SIZE: 6x6x6; WT: 25
PRICE: \$5.95



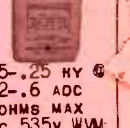
PRI: 115 V 60 CYC
SEC: 3/5V CT @ 2A
2/5V @ 2A
2/2.5V @ 10A
7x4x3 1/2 WT. 12 LB
GILFILLAN #54148-1
PRICE: \$5.95




TYPE AS FAIR#617
PRI: 115 V 60 CY
SEC: 550CT 150 MA
12 V 4 A.
5 V 3 A.
SIZE: 4x5x4; 7 LBS.
STK# FAIR-1490
PRICE: \$7.95
DESIGNED F/BC-923




DUAL CHOKE
11 HY 100 MA.
200 OHMS.
4x4x5 1/2 WT. 8 lb
ST. #30557F-1
PRICE: \$.75



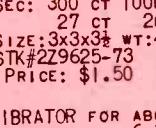
.5-.25 HY @
2-.6 AOC
7OHMS MAX
DC 535v WVM
2 1/2 x 3 1/2 x 2 1/2
4 LBS.
GE #T35Y283
\$1.25



PRI: 115 V 60 cyc.
SEC: 624 CT. 70 MA.
6.3 2.1 AMP.
5 3
Size 3 1/2 x 4 x 6 WT. 8 lbs.
Stock # 229611.39
PRICE: \$1.95



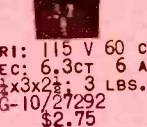
PRI: 115 V 50-60C
SEC: 720 CT/200MA
12.6 3 A
6.6 10 A
5.25 3 A
S/5x4x5 1/2 WT.
STK.# 203533
PRICE: \$4.95



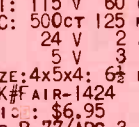
VIBRATOR 12/115CY
SEC: 300 CT 100MA.
27 CT 2MA.
SIZE: 3x3x3 1/2 WT: 4LB
STK# 229625-73
PRICE: \$1.50




PRI: 115 V 60 CYC
SEC: 6.3 V 2.7 AMF
SIZE: 2 1/2 x 2 1/2 x 1 1/2 LB.
STK# 5950-186-9789
PRICE: \$1.50



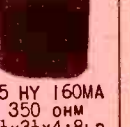
PRI: 115 V 60 CYC
SEC: 6.3CT 6 AMP
3x3x2 1/2; 3 LBS.
TG-10/27292
\$2.75



TYPE AS FAIR#617
PRI: 115 V 60 CY
SEC: 500CT 125 MA
24 V 2 A.
5 V 3 A.
SIZE: 4x5x4; 6 1/2 LB.
STK# FAIR-1424
PRICE: \$6.95
FOR R-77/ARC-3



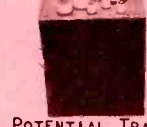
8 HY 100 MA
160 OHMS
2 1/2 x 3 1/2 x 2 1/2; 4LB
#TR-1024
\$1.50



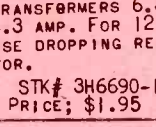
25 HY 160MA
350 OHM
3 1/2 x 3 1/2 x 4; 8LB
3C317-38
\$1.50



PRI: 115 V 60 cyc.
SEC: 3000 700 MA.
TAPPED; 1500,
2100 & 1050
SIZE: 14x11x9 150L
STK# 229607-14
PRICE: \$34.95




POTENTIAL TRANS
PRI: 1/2/4/10/20/
40/100/200/40
0/1000/2000 V.
SEC: 40 V 100 MA.
6x7x4 1/2; WT: 20 LB
ESPEY#T-4 16,271
\$5.95




VIBRATOR FOR ABOVE
TRANSFORMERS 6.3 V
4.3 AMP. FOR 12 V
USE DROPPING RESIS
TOR.
STK# 3H6690-15
PRICE: \$1.95



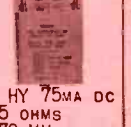
FILAMENT
TRANSFORMER
PRI: 70/100/140/200
60 CYCLE
SEC: 12.6 CT .7 A
6.3 CT .9 A
6.3 CT 1.5 A
6.3 CT 1.5 A
2.5 KV TEST
SIZE: 5x3x4 WT 5LB
STK# GE#7465625-PI
PRICE: \$2.95




MODULATION
TRANSFORMER
WATTS: 75
PRI: 200-250 OHM
SEC: GRID 813 TUBE
WITH SIDETONE
SIZE: 2 1/2 x 3 1/2 x 3 1/2 WT 2 1/2
STK# GE 7465620-1
PRICE: \$2.95




PRI: 115 V 60 CY
SEC: 500 CT 80 MA.
24 V 2 A.
5 V 3 A.
SIZE: 2 1/2 x 2 1/2 x 3 1/2 LB.
STK# FAIR-818
PRICE: \$4.95
FOR BC-603,683
COMM/ARC RECEIVER




10 HY 75MA DC
375 OHMS
1070 MV
2x2 1/2 x 1 1/2; 1 1/2 LB
TF1A04EA
\$0.89




17 HY 80 MA.
300 OHM
2 1/2 x 3 1/2 x 2 1/2 WT.
STK# 30326-31B
PRICE: \$.75



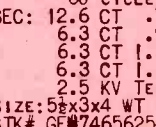
PRI: 115 V 60 CYC
SEC: 660 CT 100 MA.
6.3 5 AMP.
5 3
Size 4x5x4 1/2 WT. 9 1/2 lb
Stock # 6J23
Price \$3.95



PRI: 115 v. 60 CY
SEC: 1540 CT. 166A
1230 CT. 257A
BOTH VOLTAGES ONE
WINDING
5.1 4.5A
6.5 4.0A
6.5 .5A
7 1/2 x 6 x 6 1/2; WT: 35 LBS
STK# 229613.53
\$7.95




AUTO-ISOLATION
STEP UP-STEP DOWN
TRANSFORMER
PRI: 95,105,115,
125,190,210,230,
250,50/60 CYCLE
600 WATT.
SEC: VOLTAGE DEPE
NDS ON WHAT PRI.,
TAPS ARE USED.
SIZE: 5x7x5 WT. 16
STK: # 229605.3
PRICE: \$7.95



PRI: 115 V 60 CYC
SEC: 2.65V 3.5 A
2.65V 3.5 A
6.3V 3.5 A
SIZE: 3 1/2 x 5 x 3 1/2; 8LB
#BNJT-166
\$2.50



MODULATION TRANSFORMER
100 Watt
RESPONSE 200 to 5000
PRI: 7000 SEC: 7000
F/BC-191/375 TRANS.
size 3x4x5 WT. 5 1/2 lbs.
stock # 266191/T1
Price \$3.95



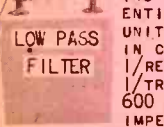
PRI: 115 V 60 cyc.
SEC: 12.5 V 2 AMP.
12.5 2
Size 4 1/2 x 4 1/2 x 5 1/2 lb
Stock # FAIR-5005
PRICE: \$4.95




5 HY 50 MA.
250 OHM.
2x2x2 1/2 WT. 1 1/2
Stock# 30367-2
PRICE: \$.75



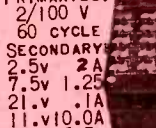
6 HY 80MA
P/O TG-10
SIZE:
2 1/2 x 2 x 2
WT. 1 1/2 LBS.
#27294
PRICE: \$.89



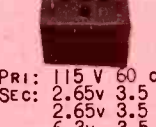
LOW PASS
FILTER
TWO IDENTICAL
UNITS
IN CASE
1/REC.
1/TRANS
600 OHM
IMPED-
ANCE TO 2500 CYCLE
UNBALANCED CIRCUIT
SIZE 3 1/2 x 3 1/2 x 5 1/2;
WT: 4 1/2 LBS.
3Z1892-1.4 \$2.95




PRI: 115 60 cyc
SEC: 2400 CT 106 MA.
Size 7x4x6 1/2 WT. 25 lb
Stock# 229614-152
Price \$5.95



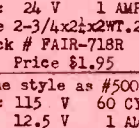
PRIMARYS:
2/100 V
60 CYCLE
SECONDARY:
2.5V 2A
7.5V 1.25A
21V .1A
11V 10.0A
10V 6.5A
SIZE: 8x
4x6; 19LBS
CAY30219 \$3.95




PRI: 230/460 60cy
SEC: 1025 CT 350MA
4 60"
SIZE: 4 1/2 x 6 1/2 x 6 1/2 32LB
STK# 229601,84
PRICE: \$2.95
USE TWO FOR 115 V



MODULATION-TRANS.
200 WATT
200-1500CY 10B
PRI. P.P PLATES
5400 OHM.
SEC: 600 OHM C.T
50 V.C.T.
2400 OHM 350 MA.
4x5x4 1/2; 12 LBS.
#677-0388-00
PRICE: \$4.95




Same style as #5005
PRI: 115 V 60 cyc
SEC: 24 V 1 AMP.
Size 2-3/4x2 1/2x2 1/2 lb.
Stock # FAIR-718R
Price \$1.95




3.5 HY 200 MA
70 OHMS
3 1/2 x 4 x 3; 5 LBS
ORD. #7629828
\$1.75




2/9.5H. 300
/50 MA
RES. 75 OHM
OIL FILLED
WT. 9LBS.
SIZE: 3 1/2 x 4 1/2 x 7
FREED #17986
\$3.95



PRI: 115 V 60 CYC
SEC: 700CT 200 MA
700CT 60 "



PRI: 115 60 cyc
SEC: 2400 CT 106 MA.
Size 7x4x6 1/2 WT. 25 lb
Stock# 229614-152
Price \$5.95



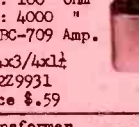
PRI: 115 V 60 CYC
SEC: 700CT 200 MA
700CT 60 "
2/ 5.0 2 A
2/ 6.3 .7 A
1/ 6.3 8.0 A
5 1/2 x 6 1/2;
GARDNER #517
\$3.55



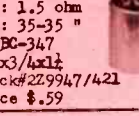
PRI: 230/460 60cy
SEC: 1025 CT 350MA
4 60"
SIZE: 4 1/2 x 6 1/2 x 6 1/2 32LB
STK# 229601,84
PRICE: \$2.95
USE TWO FOR 115 V



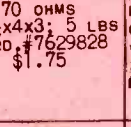
3.9 HY 950 MA.
TAPPED 2.7 HY.
25 OHM DC, 2500 VRMS
SIZE: 1 1/2 x 8 x 7; WT: 45
STK# 30315-16
PRICE: \$14.95



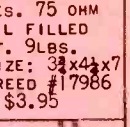
Transformer
Pri: 100 ohm
Sec: 4000 "
PO/BC-709 Amp.
3/4x3/4x1 1/2
ST#229931
Price \$.59



Transformer
Pri: 1.5 ohm
Sec: 35-35 "
PO/BC-347
3/4x3/4x1 1/2
Stock# 229947/1421
Price \$.59



10 HY 225MA
85 OHM
3 1/2 x 5 1/2 x 5
WT. 1 1/2 LBS.
#TIRX04YY
\$3.95



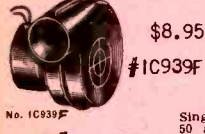
5HY 400MA
RES. 50 OHM
SIZE: 6x4x4 1/2
WT. 13 LBS.
#3521746
\$3.95

UTILITY BLOWERS

THE BLOWERS LISTED BELOW ARE STANDARD SHADED POLE TYPE AND ARE QUITE RUNNING WITH NO RADIO INTERFERENCE.

50 & 100 CFM BLOWERS

For Heat Boosters, Dryers, Exhausters, Drafts



\$8.95

#1C939F



\$12.95

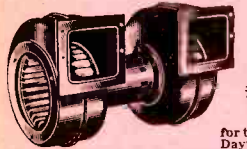
#20721F

You can't buy a better blower for forced drafts for warm air heating systems, heat boosters, exhausters, dryers, etc. Lowest priced, best made blowers of their kind.

Single and twin types, 50 and 100 CFM respectively. Sturdy 3/4" dia. blower wheels are direct-driven by 115V, 60 Cy., quiet running Dayton motors. Steel housings are rubber mounted. 2 1/2" discharge. Outlet velocity is 2000 ft./min. 9' leads. Black finish. Shpg. wts. 5 and 6 lbs.

340 CFM TWIN BLOWER

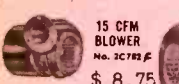
For Hot & Cold Air Circulation, Exhaust, Etc.



\$20.95

#2C069F

For this 275 CFM Dayton TWIN Blower. Ideal for air circulation, forced draft, and exhausting jobs requiring more air than possible with single blower. Efficient, dependable and quiet. 4 1/2" dia. balanced wheels powered by 1500 RPM, 115V, 60 Cy. motor with 12" leads. Rubber mounted, pressed steel housings with 3/4x3/4" outlets. Each outlet has 4 1/2" square flange to facilitate mounting. Outlet velocity is 1900 ft./min. 4 1/2" dia. air intakes. 1 1/2" W x 8 1/2" H x 8 1/2" D. Black baked-on enamel. You'll like this blower's performance and the way it is built. Wt. 12 lbs.



\$8.75

#2C175F



\$10.95

#2C175F

2C781 100 CFM 115 VOLT 60 CYCLE INTAKE 3" OULET 2-1/8" FL 4-1/8" SIZE 5-13/16" H X 6-3/4" X 6-5/16" SHPG. WT. 5 LBS. PRICE: \$10.95

2C782 15 CFM 115 VOLT 60 CYCLE INTAKE 2-7/8" OULET 1 1/2" FLG 2 1/2" SIZE 3-13/16" H X 4" X 3-7/8" SHPG. WT. 2 1/2 LBS. PRICE: \$8.75

108 CFM 'PANCAKE' BLOWER

Compact—Motor Is Inside Blower Wheel



\$12.95

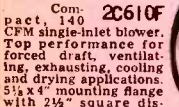
#2C067F

Dayton's "pancake" moves 108 CFM over 18" installation space. Limited only by width—because motor has been built inside blower wheel. Fits into 4-1/2" W x 8 1/2" H x 8 1/2" space. Discharge 3 1/2" W x 3" H. Outlet velocity 1530 ft./min. 4 1/2" dia. safflower cage blower wheel and air intake. Steel, rubber mounted housing with baked on black enamel finish. 1250 RPM, 115V, 60 Cy. motor with 12" leads. Shpg. wt. 6 lbs.

140 CFM UTILITY BLOWER

For Exhausting, Forced Draft, Cooling, Etc.

Delivers blasts of air \$11.95



\$11.95

#2C610F

Com. pact, 140 CFM single-inlet blower. Top performance for forced draft, ventilating, exhausting, cooling and drying applications. 5 1/2" x 4" mounting flange with 2 1/2" square discharge. Outlet velocity is 3230 ft./min. 3 1/2" dia. blower wheel direct-driven by 2800 RPM, 1 1/2 HP, 115V, 60 Cy. motor with conduit box and 20" leads. 7 1/2" W x 7 1/2" H (less flange) x 6 3/4" D. Order sample and test best 140 CFM utility blower. Wt. 9 lbs.

350 CFM DAYTON BLOWER

6 1/2" Wheel, 7/10 HP, 115 V, 60 Cy. Motor



\$22.75

#2C841F

Designed for applications that require air flow greater than average shaded pole blower provides. Ideal for many exhausting, heating, cooling and drying applications. 350 CFM at 1000 RPM, 3500 ft./min. outlet velocity in free air. 8 1/2" W blower wheel is direct driven by 1 1/2 HP, 115V, 60 Cy. motor. 150 FPM, 2 1/2" F.L. amps, 12" W x 18" H wire lead. Precision steel housing with 3/4 x 3/4" mtg. flange. 4 1/2" x 3 1/2" discharge. 3 1/2" dia. air intake. 2 1/2" x 10 1/2" D. Baked black finish. Shpg. wt. 11 lbs.

MINE DETECTOR

SCR-625 Famous ARMY MINE-DETECTOR USED CHECKED LESS BATTERIES \$27.95



\$32.95 WITH BATTERIES BATTERIES ONLY \$5.95

USED TO DETECT HIDDEN METAL OBJECTS IN THE GROUND OR OTHERWISE HIDDEN UP TO 24 INCHES DEEP DEPENDING ON THE SIZE. AND GROUND CONDITIONS. DETECTION IS NOTED BY A TONE SIGNAL THAT IS FED INTO THE HEAD SET OR SPEAKER UNIT THAT ARE SUPPLIED WITH THE SET SHIPPED IN CARRYING CASE WITH INSTRUCTIONS, 75 LBS

CRY BUTTONS REFLECTORS, CAN BE USED TO MAKE SIGNS OR MARKERS. SHINE WHEN LIGHT STRIKES 1" DIA. REQUIRES #10 NUT FOR MTG. NC#15-1. CARD OF 100 \$2.00

FLASHER SUNBEAM#1567 115 VOLT 60 CY 1/2 MINUTE ON 1/2 MINUTE OFF. 2 OUTPUT RECEPTACLES, LINE CORD, SWITCH, MOTOR ETC. 4 1/2x4x3; WT: 3LBS. \$1.75

SWITCH HEAVY DUTY 8 CONTACT WITH 6 DIFFERENT COMBINATIONS OF MAKE & BREAK. S#40373, SIZE: 3x4x6; 4 LBS. \$1.50

SELECTOR SWITCH FOUR DECK, 11 CONTACTS EACH DECK. SIZE 2x3 IN. PLUS SHAFT. 329825-55-29 \$1.00

ROTARY SELECTOR SWITCH, ONE DECK CERAMIC, 11 POSITION. 2" DIA. STK#329825-62-178 PRICE: \$.59 EA. 2 FOR \$1

KNIFE SWITCH D.P.D.T. 1x2-5/8 LEVITON9919 PORCELAIN BASE. \$.39 EA. 3 FOR \$1.00

ROTARY SELECTOR OPERATES 18-28 VOLT D.C., 12 POSITION SINGLE DECK, 3 1/2" FLEXIBLE SHAFT, SW. SIZE 2 1/2x1 1/2; WT: 3 OZ. #3360-074-570-914 \$1.25

ROTARY SELECTOR SWITCH OPERATES FROM 18-28 VOLTS D.C. ONE STEP AT A TIME, TOP DECK 12 POS LOWER DECK ONE CIRCUIT 3 POS. 2 CIRCUIT 4 POS SIZE: 2x2x2 1/2; WT: 4 OZ. ELAND # B-7439 \$1.50

CENTRIFUGAL BLOWER 120 CFM FROM 3400 R.P.M. 115V 60 CYC. CAPACITOR TYPE MOTOR WHICH REQUIRES 4MFD CAP. WT. 9 LBS. SIZE: 9 1/2x5 1/2x6 1/2 \$10.95

TS-164 FREQUENCY METER CASE (GOOD FOR BC-221, TS-174, TS-175 ETC.) WITH TWO BALLAST TUBES, VR-105 REGUL-ATOR TUBE WITH MOUNTING & RELAY INSTALLED IN THE REAR COMPARTMENT WHICH IS 2" DEEP, FRONT COMPARTMENT 9 1/2x7 1/2x7 1/2, HINGED COVER WITH PLASTIC COVER FOR CHART. UNUSED \$3.95

PPI RADAR SYNCHRONIZER OFFSET CHASSIS ASSY WITH TUBES 2/6AT6 1/6100, 1/6096, 1/6101, CERAMIC SOCKETS, 5 TEST PIN JAC PRECISION RES., COND. TRANS, SIZE 7 1/2x5x3, 4 LBS. \$1.50 STK. No. 1013 \$1.50

MX-303A MAGAZINE FOR WIRE RECORDERS ANQ-1A, VRW-1 ETC. W/WIRE ON SPOOLS, MAGNETIZING HEAD, TIMERS, SWITCHES ETC. SIZE: 8x4x3; 5 LBS. RE-NEW \$1.95

ELECTRICAL CIRCUIT TESTER: PLASTIC UNIT CONTAINING 3 ROWS OF LIGHT BULBS 3 IN EACH ROW, WITH PLASTIC WINDOWS ON BOTH SIDES, 2, 4, 6 ONE SIDE 1, 3, 5 OTHER, SEPARATE LEADS FOR EACH ROW, CABLE 3 1/2 LG. WITH ALLIGATOR CLIP SIZE 7x3x1; WT: 1 LB. BAYNET TYPE BULBS 24 V. MX-241/ PRICE: \$.75

CAPACITOR BANK IN METAL BOX. TOTAL CAPACITY 15 MFD 600 VDC 1/1, 2/2 & 2/5 6x4x5; 6 LBS. #R16-11687-500 \$.75

BC-610 OSCILLATOR PLUG IN UNITS FOR 500 WATT TRANSMITTE WILL MAKE A GOOD FOUNDATION FOR A 25-40 WATT TRANSMIT CONTAINS VAR. CAPACITORS, COILS KNOBS, CRYSTAL SOCK. SWITCH ETC. (ALL UNITS ARE USED AND HAVE CRACKED INSULATION ON THE PLUG IN PIN TU# FREQ. MC. TU# FREQ. MC. 47 2.0-2.5 48 2.5-3.0 49 3.2-4.0 50 4.0-5.0 51 5.0-6.3 53 8.0-12.0 62 1.0-1.5 SIZE: 2x8x4 1/2; 2 1/2 LBS. \$1.75

COILS PLUG IN AIR TYPE 5 BANANA PINS. 1 1/2x4 1/2; 1 LB. \$1.95

FOR BC-610 C-# FREQ. MC. 389 4.5-5.7 447 8.0-11.4 448 11.0-14.4 455 1.0-1.5 FOR T-4/FRC C-14 7.1-9.1 " " C-2 5.1-7.1

COMMAND RECEIVER VARIABLE 3 TO 6 MC. 3 GANG WITH TRIMMERS & DIAL ASSY. 147 MMF. # 4601 4x3x3; WT: 1 LB. \$1.95

ALLIGATOR CLIP WITH SCREW CABLE HOLDER & PINCH SPIKE AT JAWS. 2 INCHES LONG. 6 FOR \$.50

GLOBE INDUSTRIES TYPE A PHOTO-CELL ASSY. BATT. OPERATED. W/ 921 PHOTO-CELL TUBE & 1S4, SENSITIVITY ADJUSTMENT, RELAY, SWITCH, OUTLET ETC. SIZE: 3x4x5; WT: 2 LBS. PRICE: USED \$2.50

IMMERSION HEATER 24 VOLT AC/DC, 50 WATTS 2 GAL- LON, 3" PRESS CAP, 4 1/2" SCREW CONE, 5 FT. CORD. HEATING SHAFT 12". WT: 4 LB LFC#EA8801. PRICE: \$1.50

PHOTO-CELL LIGHT RESISTANCE TYPE 1000 OHM 1/2" SQUARE. #5169A USED \$1.00

MEISSNER COIL KIT FOR SIGNAL SHIFTERS. PLUG-IN TYPES, 3 COIL OSC. PLATE, OSC. GRID & BUFFER COILS. EACH SET OF 3 \$1.00 ALL 3 SETS... 2.50

A-18-2951 2040 TO 2410 KC. 3C368-14 1000 TO 1170 KC. 3C250-L-7 40 METER BAND.

ARGUS AUTOMATIC TIMER No. 586 12 STOPS, 5-60 SECONDS, AUTOMATIC HOLD OR. REJECT ON ANY PRE-SELECTED STOP. MADE FOR SLIDE PROJECTORS CAN BE ADAPTED TO OTHER USES. 2 1/2x3x2 1/2; 2 LB. \$2.95

HEATING ELEMENT 115 VOLT 500 WATT SINGLE SECTION STRIP 23 1/2 LG. X 1 1/2" WIDE X 7/16" METAL SHEATH & MTG. HOLES. 2LBS 225015-24 \$1.50 EA.

CHROMALOK HEATING ELEMENT 115 VOLT 50 WATT STANDARD SCREW BASE, 4 1/2x1 1/2; 1 LB. #CHR-SCB \$.75

T-67/ARC-3 C129 POWER AMPLIFIER PLATE TUNING 4-17 MMF, 2500 V .0243 AIR GAP. SHAFT 13/16 x .31; 1/7/8x2 1/2 \$1.50

BC-624/522 RECEIVER, 3 GANG 6-36 MMF EACH SECTION WITH SLUG TUNED TRIM. SHAFT 5/16 STK#3D9036V SIZE 4 1/2x2x3 1/2; 1 LB. \$1.50

351-1013 3.5 TO 27 MMF, 13 PLATE SIZE 1-5/8x1-5/8 1x1-5/16, SHAFT 1 1/2x3/16. \$1.75

TCS VARIABLE CAPACITOR 2 SECTIONS 10-280 MMF 1 SECTION 10-360 MMF, 4" 3 BAND DIAL CALIBRATED 1.5-3 MC 3-6 MC & 6-12 MC. WITH GEAR ASSY & LOCK. SIZE 7x3x3 1/2; WT: 5 LBS. #W-881 PRICE: NEW \$3.95

VARIABLE CAPACITOR 5 SECTION 20-402 MMF EA. SECTION. WITH GEAR TR. AND SPLINED SHAFT, STRAIGHT SIZE: 9 1/2x4x3; 4 LBS. #C-ARN-6 \$3.95

BC-348 C&S VARIABLE CAPACITOR, 4 SECTION 16 TO 241 MMF WITH GEAR & COMP. 6 1/2x2 1/2x3 1/2; 2 1/2 LBS. #3D9016V-1 PRICE: \$1.50

BUD 40 METER TRANSMITTING COIL MOUNTED ON 5 PIN CERAMIC BASE, 18 TURNS 1 1/2 DIA #3C804 \$.75

BC-924 TRANSMITTER COIL SLUG TUNED COIL 27 TO 38 MC. WITH ADJUSTING DIAL & TUNING SCALE MOUNTED ON CAST BASE. SIZE 8x1x1 1/2; 1 LB. PRICE: 1.00

HAMMAR-LUND MFG #F1-475 PRICE: \$7.95

TRANSMITTER VARIABLE CAP. 42-420 MFD. 3200 VOLTS. 52 PLATES, 3/32 SPACING. SIZE 8 1/2x2 1/2x4 3 LBS. #7765659-P1 PRICE: \$5.95

20 TO 156 MMF 31 PLATES: SIZE 4x2x3, SHAFT 1/2 x 3/8 GE#T7560443-6 PRICE: \$1.95

22 TO 118 MMF 31 PLATES SIZE: 4x2x3 SHAFT 1/2 x 3/8 GE#7463006-1 PRICE: \$1.95

6 TO 146 MMF 37 PLATES SIZE: 1-5/16 x 15/16x1 1/2; SHAFT 7/32x7/8 #3D9140V-7 PRICE: \$.69

50 MMFD VARIABLE 7 PLATE 1/2x3 SHAFT, MTG. BRK. #351-1037 \$.79

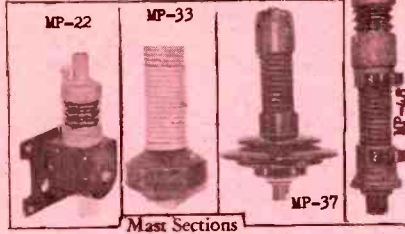
PA TUNING CAPACITOR FOR COMMAND TRANSMITTERS WITH GEAR TRAIN & DOUBLE END SHFT SIZE 4x2x3. STK#2C6397A/C8 PT#C-65/7321 PRICE: \$1.50

VARIABLE CAPACITOR 7 SECTIONS 1/80, 4/100 & 2/200, DRUM DIAL, 1 1/2x1 1/2x3; 5 LBS. #CA-325/BC-223 \$2.95

VACUUM CAPACITOR 3 MMFD 15 KVDC, PLUS OR MINUS 10% W/CONNECTORS. SIZE 5/8x4 JENNINGS TYPE Y-3 N. \$1.95

ANTENNAS

Mast Bases



Mast Sections

3 ft. Tubular steel, cooper coated and painted sections. These screw together to make any desired length. MS-49 being the top & smallest section increasing in size through MS-50-51-52-53 to MS-54 being the larger one. Either the MS-53 or MS-54 will fit together to form any additional height desired. Example a 33 ft. vertical may consist of one each MS-49, 50, 51, 52, and 7 each of MS-53 or it may be finished out on the bottom with 6 MS-54 sections. Self support to about 18ft. Average Wt. app. 3/4lbs. MS-49-50-51-52-53 .50gea. MS-54 .75ea

Mast Bases

- MP-22** Side mount swivel mast base will tip to 90° either right or left. Has a spring snap lock in the vertical position, will take either the MS-53 or MS-54 mast sections. Size Mtg. plate 5" 6" X 10 1/2" high. Wt. 9 lbs. Price.....\$2.95
- MP-22A** Same as above except mounting hole is for the MS-51 with the MS-49, MS-50 and MS-51. This will make a 9 ft. tapered antenna. Price \$2.95
- MP-33** A heavy weight spring mast base for the MS-53 or MS-54 with 6" phenolic insulator. 10 1/2" high. Requires a 2" Mtg. hole. Wt. 8 1/2 lbs. Price \$3.95
- MP-37** Heavy coil spring with an 8" climber ceramic insulator. Requires a 2" Mtg. hole. 12" high Wt 10 1/2 lbs. Price.....\$5.95
- MP-48** A rugged mast base with the insulator above the spring will take the MS-53 or MS-54 mast sections. Size 3"D. X 16 1/2"H. Wt. 11 3/4 lbs. Price.....\$2.95

PARABOLIC ANTENNA

DISH PAN TYPE, FOUR (4) FOOT DIAMETER ALUMINUM PAINTED GREY, 21" FEED FOR APPROX. 7100 MC. THREE INCH ROUND MTG. FOR WAVE GUIDE SIZE 1-5/16 X 5/8, FOUR (4) MOUNTING STUDS WITH HARDWARE. PHILCO # 463-2252-1. SHIPPING WT. IN CARTONS 75 LBS. CRATE 225 PRICES: WITH FEED \$29.95 LESS FEED \$25.00 DEFROST ATTACHMENT \$5.00 EXTRA.



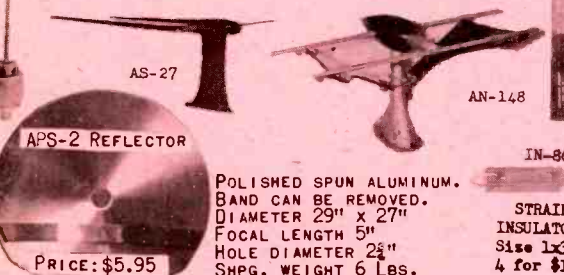
SIX HALF FT ANTENNA ANDREW # N-14519, DISH TYPE UY-2B 1700 TO 1850 MC. WITH FEED STUB, PIPE MOUNTING, ALUMINUM PAINTED GREY, 6 FT. 6 INCHES. SHPG. WT. 415 UNUSED \$49.50

REFLECTORS

MICROWAVE, PLANE TYPE CONFIGURATION, ALUMINUM, NOT PERFORATED. MOUNTED BY FRAME WORK OF REFLECTOR AND BRACKETS WITH HARDWARE, GUYS AND ADJUSTMENT FOR AZIMUTH. SIZE: 8 FOOT X 6 FOOT, NET WT. 125 LBS. SHPG. WT. 375. PRICE: \$50.00



- AS-150/ART Whip Antenna 30" long with 8ft. matching coax cable & SO-239 plug. \$1.50
- AS-97/ART Whip same as above except 72"rod. 1.95
- AS-27/ARN-5 Horizontal folded dipole as used with RC-103, BC-133, ARN-5 Equip. on airplanes. 108-110 MC. UNUSED \$5.95
- AN-148 Dipole Antenna 150 to 180 MC. 2.95
- AN-104A Stub Antenna f/SCR-522 100-156MC. 1.25



APS-2 REFLECTOR

POLISHED SPUN ALUMINUM. BAND CAN BE REMOVED. DIAMETER 29" X 27" FOCAL LENGTH 25" HOLE DIAMETER 2 1/2" SHPG. WEIGHT 6 LBS. PRICE: \$5.95

STRAIN INSULATOR Size 1x3 4 for \$1.

AS-65/APQ-2A ANTENNA ASSEMBLY CONSISTING OF 2 3" BASES WITH UG-23 COAX. CONN. AND ALUMINUM RODS 3/12", 1/9", 1/7", 1/5", 1/4". WT: 4 LBS. PRICE: \$.50

AN-75D WHIP ANTENNA TELESCOPING TYPE. SEVEN (7) FT. EXTENDED 14" COLLAPSED, WITH MOUNTING BRACKET & BINDING POST. PRICE: EACH \$1.50

AT-35 DIPOLE ANTENNA 200-250 Mc. WITH UG-22 COAXIAL CONN. 2A288A-35 WT: 2 LBS. \$1.50

SPREADER INSULATORS WHITE CERA 3/4" X 4", 2 1/2" HOLE CENTERS. \$.25 EACH 5 FOR \$1.00 3/4" X 12", 10" HOLE CENTERS \$.45 EACH, 3 FOR \$1.25

- AN 109 130 745 74 75

AN-109 WHIP ANTENNA; 5 FT. TAPERED 1/4 TO 1/8 PRICES: \$1.50 EACH SIX (6) FOR \$3.00

AN-117 WHIP ANTENNA; 6 FT. TAPERED 5/8 TO 1/8 PRICES: \$1.50 EACH SIX (6) FOR \$3.00

AN-75 TELESCOPING WHIP 7 FT. TAPER 5/8-1/16 PRICES: \$1.00 EACH SIX (6) FOR \$4.00

AN-745 TELESCOPING WHIP 8 FT. TAPER 5/8-1/8 PRICE: \$1.00 EACH SIX (6) FOR \$4.00

AN-130 GOOSENECK WHIP 30", SCREW BASE FITS INSULATOR LISTED BELOW. PRICE: \$1.00 EACH SIX (6) FOR \$4.00

AN-20T CHROME TELESCOPING 20" PRICE: \$.50 EACH SIX (6) FOR \$2.00

2A-124 ALUMINUM ROD 3/8" X 6 FT. NO TAPER. PRICE: .75 EACH SIX (6) FOR \$3.00

A-27 PHANTOM ANTENNA USED WITH BC-653 & BC-191 TRANSMITTERS FOR TUNING & LOADING WITHOUT REGULAR ANTENNA BEING CONNECTED. CONTAINS A 0-150 MMF. WIDE SPACED 3/16, VARIABLE CAPACITOR, 2/12 OHM 40 WATT NON-INDUCTIVE RESISTORS, MOUNTED IN A CASE 3 1/2 X 7 X 4 1/2 THAT HAS A POINTER KNOB AND 0-100 SCALE, ANTENNA & GND LEADS WITH COVER. WT: 2 LBS. PRICE: RE-NEW \$1.50

A-62 PHANTOM ANTENNA USED WITH BC-604 TRANSMITTER FOR LOADING TRANSMITTER WITHOUT USE OF REGULAR ANTENNA. CAN BE USED FOR ANY TRANSMITTER IN THE 21 TO 28 MC. BAND. HAS A VARIABLE CAPACITOR 55 MMF., 2/RESISTORS, COIL SLUG TUNED, BINDING POSTS AND INDICATOR LAMP THAT LIGHTS WHEN TRANSMITTER IS LOADED. SIZE 3x6. WT: 4 LBS \$1.25

GROUND PLANE ANTENNA Ground plane antenna to cover 20 to 50 MC. Made from surplus insulated base & screw in type mast sections. Mounts on 1 to 2 inch pipe. Specify operating frequency range. \$10.95

Antenna Telesoping AN-29 for BC-659 12 FT, 10". \$2.95 AN-45 for BC-620 8 foot \$2.95

INSULATOR TERMINAL STRIP 8 feed thru insulators size 1/2 x 1, mounted on 1 x 9 terminal strip. Each strip \$.35 Four strips \$1.00 AN-22 " 20 " .65

AB-52/TRC-8 HALF WAVE DIPOLE ANTENNA & REFLECTOR 230-250 MC. 50 OHM COAX. CABLE FEED DIPOLE 1/2" DIA X 20" LG. 14" SUPPORT, UG-22 COAX FITTING, REFLECTOR 36x30, FOLDS TO 30"x23"x8", MOUNTS TO MAST HEAD BY MEANS OF ADJUSTABLE CLAMPS AND CAN BE USED FOR HORIZONTAL OR VERTICAL POLARIZATION. WT: 20 LBS. PRICE: \$3.95 UG-21 COAX. CONN. TO FIT ANTENNA \$.75

DU-1 LOOP ANTENNA FOR ARB REC. USED AS A DIRECTION FINDER IN THE 200 TO 1600 KC RANGE, OPERATING VOLTAGE IS NORMALLY SUPPLIED BY THE RECEIVER WHICH IS APPROX. 200 VDC AND 12 OR 24 VOLT DC. WITH 2/12 SK7 TUBES. SIZE: 17x12x12: 10LBI PRICE: NEW \$18.95 CONNECTOR PLUG " \$1.00

AN-190 LOOP ANTENNA; FREQUENCY RANGE 3.5 TO 6 MC. CONSISTS OF 5 TURNS OF WIRE ON A COLLAPSIBLE WOOD FRAME WITH HANDLE, 3FT OF CABLE WITH PLUG AND COUPLING ADJUSTMENT. CAN BE USED ON OTHER FREQUENCY SIZE: OPEN 21x27", CLOSED 17x3; WT: 4 LBS. \$1.50

AS-26/APR-2 ANTENNA USED WITH R-34/APR-2 RECEIVER FREQUENCY 400 TO 1000 MC. WITH UG-22 COAXIAL RECEPTACLE. SIZE: 8x6; WT: 3 LBS. PRICE: NEW \$5.95 UG-21 COAX. CONNECTOR TO FIT UG-22..... \$.75

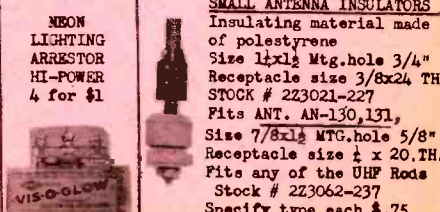
AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS THAT TUNES FROM 200 TO 1750 KC, OPERATES FROM 26 VOLT 400 CYCLE SIZE: 10x11x5; WT: 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95

RADAR ANTENNA RCA#636500-1 24" PERFORATED REFLECTOR, 12" STUB. 1/4 H.P. MOTOR 208 V. 400 CYC. 3 PHASE 360 DEG. ROTATION, 22.5 VARIABLE ANGLE, AY-2218 RESOLVER, 36/11.8 V. 400 CYC. 2 PHASE, RELAYS ETC. SIZE: 24 X 24 X20: WT: 40 PRICE: USED \$19.95

A P R ANTENNA AS-125/APR ANTENNA; FOR USE WITH RECEIVERS OPERATING IN THE 1000-6000 MC. FREQ. RANGE, 6" MOUNTING RING W/HARDWARE, UG-22 COAX. CONN. RECEPTACLE. SIZE: 6x8; WT: 4 LBS. \$1.95 UG-21 TO FIT UG-22.....50

AS-158/APA-24 DIPOLE ANTENNA CONSISTS OF TWO DIPOLES THAT EITHER CAN BE USED IN A HORIZONTAL OR VERTICAL POSITION, FREQUENCY RANGE 450 TO 750 MC. MOUNTED ON 34" MAST, TWO LENGTHS OF TWIN COAX. WITH PLUGS 4 1/2 FT. PRICE: \$2.50

SMALL ANTENNA INSULATORS Insulating material made of polystyrene Size 1 1/2 x 1 1/2 Mtg. hole 3/4" Receptacle size 3/8x24 TH. STOCK # 223021-227 Fits ANT. AN-130, 131, Size 7/8x1 1/2 Mtg. hole 5/8" Receptacle size 1/2 x 20 TH. Fits any of the UHF Rods Stock # 223062-237 Specify type each \$.75

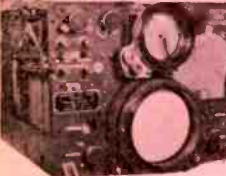




R-58/ARQ-8 RECEIVER
USED WITH T-51 TRANSMITTER AS A SEARCH AND JAMMING SET IN 25 TO 105 MC RANGE. THE RECEIVER FREQ. WAS CONTROLLED BY THE TRANSMITTER OSCILLATOR AND FEED THROUGH THE COAXIAL CONNECTOR ON THE FRONT OF THE RECEIVER WHICH HAS A 20 MC. IF. A BAND-PASS CIRCUIT 5 MC. WIDE TUNABLE BETWEEN 25 & 105 MC IS USED BETWEEN THE MIXER CONTROL GRID AND THE ANTENNA. UNIT REQUIRES 115 VOLT 400 CYCLE & 24 VOLT FOR POWER. COMPLETE WITH TUBES 1/9001, 3/6SG7, 1/6SO7, 1/6AG7 AND 1/5Y3GT. SIZE: 5 1/2"x7 1/2"x22; WT: 25 LBS. PRICE: USED \$5.95

ILLUSTRATED COVER REMOVED. POWER PLUG, \$1.50
RECEIVER SCHEMATIC \$1.00/ POWER PLUG. \$1.50

RADAR INDICATOR \$24.95



PPI RANGE INDICATOR
FOR T-9 TRACKER RADAR SET AN/GPG-1. OPERATES FROM 115 VOL 60 CYCLE WITH TUBES 13/6J6, 2/12AH7, 1/6AG5, 1/6AR6, 1/6AG7, 2/6C4, 1/12AU7, 1/30P1, 1/5ADP7 & 2/3829 ALL

FOCUSING CONTROLS ON FRONT PANEL, CHASSIS ONLY, NO COVER. SIZE: 13x11x24; WT: 80 LBS.

PANORAMIC RECEIVER



R-61/ARQ-5 Double SUPERHET
ROOYNE RECEIVER WITH MOTOR DRIVER CAPACITOR TUNING FOR SCANNING AM, FM, CW & WB VIDEO SIGNALS IN THE 18 TO 50 & 48 TO 80 MC BAND ON A 5CP1 CATHODE RAY TUBE THAT IS CALIBRATED AS TO FREQ. PRESENTATION IN THE LOW & HIGH BAND. SELECTION OF BAND TO BE VIEWED, SELECTIVITY & CLIBRATION ARE ALL ON THE FRONT PANEL. SET IS OF UNITIZED CONSTRUCTION AND IS COMPLETE WITH 20 TUBES: 4/6AG5, 2/9002, 2/12XK7, ONE EACH 5Y3, 2X2, VR-90, 927, 12SG7, 12SA7, 12H6, 12SQ7, 12SH7, 6SN7, 2050 & 50P1. OPERATING VOLTAGE REQUIRED 80-115 VOLTS 400-2600 CYCLES 120 WATTS & 28 VDC WITH OPERATING MANUAL & SCHEMATIC. SIZE: 10 1/2"x8x22. WT. 51 LBS. PRICE, NEW...\$49.50



ID-169/APN-12 RADAR RANGE INDICATOR
OSCILLISCOPE, USED WITH VARIOUS TYPE SETS FOR INDICATION OF INCOMING SIGNAL. IN ORDER THAT THE RANGE MAY BE DETERMINED. HAS VERTICAL, HORIZONTAL, FOCUS, SWEEP & INTENSITY CONTROLS, COAXIAL ANTENNA CHANGE-OVER MOTOR ALSO TUBES 3BP1, 2/6H6, 2/6SN7, 1/6GG6, 1/6X1 & 1/2X2. OPERATES FROM 115 VOL 400 CYCLE & 24 VDC. SIZE: 10x8x22; WT: 40 LBS PRICE: USED \$9.95

AMPLIFIER



NAVY INTERPHONE AMPLIFIER
USED WITH TCS EQUIPMENT. PUSH-PULL 2/12A6 TUBES. CARBON MIC. INPUT 75-200 OHM ALSO 600 OHM. OUTPUT 125 OHM. VOLTAGE REQUIRED 12 VDC & 250 VDC 60 MA. HAS MOUNTING FOR DYNAMOTOR 35x032, 12 VOLT.

(SEE CONVERSION INFORMATION LISTED BELOW.)
Size: 7 1/2"x10x7; WT: 15 LBS.
PRICE: AMPLIFIER WITH TUBES \$2.95
" " " & DYN. 6.95
KIT FOR CONVERSION TO SPEAKER OUTPUT, APPROX 5 WATTS, INCLUDES OUTPUT TRANSFORMER, MIC & PHONE JACKS, SWITCH, CABLE AND PLUG FOR PLUGGING INTO LIGHTER AND INSTRUCTIONS. \$2.00

AUTO PILOT



MISSILE AUTOPILOT AMPLIFIER
35 TUBES, 10/5814, 4/6AQ5, 4/6AQ5, 4/12AL5, 6/5879, 6/6AL5 & 1/5751 CIRCUITS, ROLL & PITCH, NORTH, SOUTH, EAST, WEST, GAIN & BALANCE CONTROLS, RESISTORS, CONDENSERS, TRANSFORMERS, RECTIFIERS LOADS OF PARTS MOUNTED ON A 3 SECTION ALUMINUM FRAME THAT CAN BE DISMANTLED.
Size: 28 1/2" x 4 1/2" x 12 1/2"; WT: 35 LBS.
PRICE: USED \$14.95



GYRO INTEGRATING HIG UNIT
MFG. BY HUGHES AIRCRAFT PART NO. 420-57-0013, CONTROL RATE OF TURN. SIZE 2 1/2"x5 1/2"; WT: 3 LBS. USED \$4.95



DEFLECTION PREDICTION SERVO
ARMA #93600. CONSISTS OF FOUR RESOLVERS #93170, PRECISION POT. CONTROL MOUNTED ON GEAR TRAIN ASSY WITH INDICATOR DIAL. SIZE: 6 1/2"x3 1/2"x4; WT: 4 LBS. PRICE: USED \$4.95

AZIMUTH LINE OF SIGHT SERVO
ARMA #2-00003-239. CONSISTS OF RESOLVER 93170, INDUCTION GENERATOR 2-00003-903, SERVO MOTOR BM-1541A, PRECISION POT. MOUNTED ON CHASSIS WITH GEAR TRAIN ASSY. SIZE 6 1/2"x4x4 1/2; WT: 5 LBS. \$4.95



P OR R ELEVATION COMPUTER ASSY;
CONSISTS OF TWO SYNCHRO RESOLVER, KETAYD-13810-1 0-100V 350 CPS, #D-13350-1 0-10 V. 400 CPS, KOLLSMAN INDUCTION MOTOR #1515J-0430, WE MAGNETIC AMP. GA-52140, FOUR TUBES IN SEALED CIRCUITRY, A&B CONTROLS, TEST JACKS ETC. STK. # 15264
SIZE: 11x7x6; WT: 12 LBS. PRICE: USED \$6.95

GE SELSYN GENERATOR NO. 2J1F1
115/57.5 V. 400 CYC. \$2.95

GE TANDEM SELSYN CONTROL TRANSFORMER NO. 2JB15K1
57.5-57.5 VOLTS 400 CYC. RATIO 31-1 \$2.95
REPEATER A.C SYNCHRONOUS TYPE 1X 115 VOLT 60 CYCLE, SIZE 5x3
PRICE: \$7.95 2 FOR \$15.00

INDICATOR ASSEMBLY FROM CRV-55ABL
CONSISTS OF 2 SYNCHRO MOTORS MARK 4, MOD. 2 SIZE 5F, 115/90 V. 60 CY CONNECTED TO A 7 1/2" SCALE 0-360 DEGREES INNER AND OUTER FIX. ALUMINUM CHASSIS NO COVER 14x14x 1/4; WT: 40 LBS.
AS DESCRIBED \$14.95 SYNCHRO MOTOR ONLY \$8.95

SYNCHRO CONTROL TRANSFORMER MARK 3
MOD. 2, 57.5-57.5 VOLT TO BE USED WITH ABOVE UNIT. \$9.95

ARMA 5A INDUCTION MOTOR NO. 213079
COUPLED TO KOLLSMAN CON. TRANS. 799-05, GEARED SHAFT. 7 1/2"x3 1/2"x3 1/2; WT: 7 LBS. \$2.95

SYNCHRO RECEIVERS

RECEIVERS TYPE 23TR6
PART NO. 76766355, 115 V 60 CYCLE, 2"x4" SAME AS USED IN THE ABOVE UNIT. WEIGHT PER PAIR 5 LBS. PRICE: \$10.95 EACH \$20.00 PAIR

A-1C SIGHT HEAD FOR GUN BOMB OR ROCKET.
CONTAINS LENSES, MIRRORS, BEARINGS, GEARS, LAMPS, INDICATOR SWITCHES ETC. SIZE: 13x16x5; WT: 30 LBS. \$9.95

AUTOMATIC PILOT COMPONENT;
GYRO DIRECTIONAL STABILIZER UNIT FOR "M" SERIES BOMB SIGHT AND E-6 AUTOPILOT. OPERATES FROM 24-28 VOLTS D.C. SIZE 17x12x12; WT: 50 LBS. PRICE: USED \$22.95

TS-13/AP TEST SET;
CONSISTS OF SIGNAL GENERATOR, XA BAND WAVEMETER, WATTMETER, PLUMBING ETC. OPERATES FROM 115 VOLT 60 TO 800 CYCLE. USED FOR BENCH FIELD TESTING OF RADAR EQUIP. ASD, AIA, APS-3 ETC. SIZE: 20x10x12; WT: 65 LBS. PRICE: USED \$40.

TS-14 TEST SET;
SIGNAL GENERATOR USED FOR FIELD TESTING OF "SA" BAND RADAR SUCH ASG, ASC, APS-2 ETC. OPERATES FROM 115 VOLT 60-800 CYCLE. SIZE 17x10x12; WT: 30LB. USED \$30.00

TS-92/AP AMPLIFIER ALIGNMENT UNIT;
CONSISTS OF A RECEIVER WHICH CAN BE USED TO CHECK THE OUTPUT OF XMITTER JAMMING FOR MAX. GAIN IN THE 20 TO 250 MC. RANGE. OPERATES FROM 115 V. 60 TO 2600 CYCLE. SIZE 14x8x7 1/2; WT: 40 LBS. PRICE: USED \$29.50

SYNCHRO SELSYNS

SYNCHRO GENERATOR SPERRY PT#R5663642
MFG. BY BENDIX FOR IBM. SIMILAR TO BENDIX # AY-401-2. OPERATES FROM 26 VOLTS 400 CYCLE SINGLE PHASE WHEN USED IN CONJUNCTION WITH BENDIX # AY-201 SYNCHRO CONTROL TRANSFORMERS IT WILL OPERATE UP TO 20 UNITS. WILL ALSO OPERATE FROM 6 VOLT 60 CY. WITH A SLIGHT LOSS. SIZE: 2 1/2"x2 1/2"; SHAFT 1/16x 1/2; WT: 12 OZ. PRICE: NEW \$2.95 2 FOR \$5.00

AY-201 SYNCHRO CONTROL TRANSFORMER
MFG. BY BENDIX, ROTOR 1 PHASE 26 VOLT 400 CYCLE, STATOR 3 PHASE 11.8 VOLTS. SIZE: 1 1/2"x1 1/2" SHAFT 1/16; WT: 3 OZ. CONDITION REMOVED FROM EQUIPMENT. PRICE: \$1.95 EACH 3 FOR \$5.00

KEARFOOT R-200 SYNCHRO CONTROL TRANSFORMER.
ROTOR 26 VOLT 1 PHASE 400 CYCLE, STATOR 11.8 VOLT 3 PHASE. SIZE: 1x1-3/4, SHAFT 1/16 x 1/2; WT: 3 OZ. CONDITION REMOVED FROM EQUIPMENT. PRICE: \$2.95 EACH

KEARFOOT SYNCHRO RESOLVER R-235,
ROTOR 2 PHASE 26 VOLTS, STATOR 2 PHASE 11.8 VOLTS 400 CYCLE. SIZE: 1x1-3/4; SHAFT 1/16x 1/2; 3oz. REMOVED FROM EQUIPMENT. PRICE: \$2.95

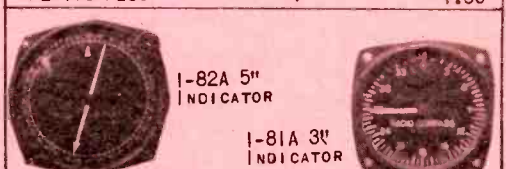
2J1F1 SELSYN GENERATOR
NORMALLY OPERATES FROM 115/57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 36 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM TO THE RIGHT. SIZE 2 1/2"x4 1/2; WT: 8 OZ. PRICE: WITH CONNECTOR CAPS. \$2.95

SELSYN SYNCHRO
NAVY TYPE SYNCHRO GENERATOR 5G MK1, Mod. 5; 115/90 V. 60 CYCLE. CAN BE USED FOR DIRECTIONAL CONTROL TO A REMOTE POSITION IN PAIRS AS TRANSMITTER & RECEIVER. EACH UNIT WILL FOLLOW OTHER UNIT IN DIRECTION AND SPEED OF ROTATION.

HEAVY DUTY GEAR TRAIN WITH SELSYN/SYNCHRO AS ILLUSTRATED,
SIZE 10x8x5, WT: 12 LBS. \$7.95
SELSYN SYNCHRO ONLY 6 1/2"x4 WT: 5 " 5.95
GEAR TRAIN ONLY 10x3x5 WT: 7 " \$1.50



LP-21 LM LOOP ANTENNA
AS USED ON AIRCRAFT WITH RADIO COMPASS RECEIVERS FOR USE IN THE 200 TO 1750 KC. COMPLETE LOOP ILLUSTRATED TO THE LEFT. ILLUSTRATION TO THE RIGHT IS WITH HOUSING REMOVED AND IN THE CENTER ARE ILLUSTRATED THE GEAR TRAIN MOTOR, REVERSIBLE CK-2 AND AUTOSYN SELSYN MC-217/MC-507 WHICH ARE INSIDE THE BOTTOM HOUSING ALSO CONTAINED THEREIN IS A SLIP RING ASSY. MOTORS OPERATE FROM 26 VOLT 400 CYCLE BUT CAN BE OPERATED FROM 60 CYCLE AS SHOWN IN WIRING DIAGRAM BELOW.
SIZE: OVERALL 20x16x10; WT: 12 LBS. COND. USED.
LP-21-LM LOOP COMPLETE WITH HOUSING \$9.95
LP-21-LM " " LESS " 6.95
CK-2 GEAR TRAIN MOTOR ONLY 4.95
MC-217/MC-507 AUTOSYN SELSYN 3.95
PL-112 PLUG TO FIT LOOP 9 CONTACT 2.50
PL-108 PLUG " " 4 " 1.50



1-82A INDICATOR 5"
ILLUSTRATED TO LEFT ABOVE 0-360 DEGREE SCALE CONTAINS A MATCHING AUTOSYN MOTOR TO BE USED WITH THE LP-21LM LOOP. OPERATES FROM 26 V 400 CYC. (60 CYC SEE BELOW)
1-81A INDICATOR 3"
ILLUSTRATED TO RIGHT ABOVE 0-36 DEGREE SCALE CONTAINS A MATCHING AUTOSYN THAT WAS USED WITH THE LP-21LM LOOP. OPERATES FROM 26V 400 CYC. (60 CYC. SEE BELOW)
1-82A INDICATOR 5" USED \$3.95
1-81A INDICATOR 3" USED 2.95
PL-118 CONNECTOR PLUG FOR INDICATORS 2.50EA

P 4 COMPUTER

MFG. BY SPERRY GYROSCOPE CO. THIS UNIT WAS GIVEN MUCH OF THE CREDIT FOR THE SUCCESS OF THE B-29 BOMBER SQUADRONS. CONSISTS OF AN INTRICATE OPTICAL SYSTEM MFG. BY EASTMAN - KODAK THAT INCLUDES TWO PERISCOPE THAT REVOLVE, ONE 22" OTHER 68" AND ARE INTERCHANGEABLE. THE MAIN UNIT IS 35x25x11 AND CONTAINS VARIOUS TYPES OF SMALL 24 VOLT DC MOTORS, PRECISION SEXTANT, SWITCHES, GEARS CAMS, BEARINGS AND THOUSANDS OF OTHER PARTS. SHIPPING WT: 250 LBS. PRICE: UNUSED \$59.50



FLUORTEST

DACO FLUORTEST USED TO TEST 4 OR 6 WATT FLUORESCENT LAMPS 60, 120, 200 AND 400 CYC. TESTS POWER SUPPLY, FIXTURES LAMPS, STARTERS, REACTOR

CONTAINS 2 1/2" MILLIAMPER METER AND SET OF COILS. OPERATES FROM 110 VOLTS 60 CYC. WT. 15 LBS SIZE: 7x13x15 \$8.95

MICROWAVE GENERATOR



TS-147B/UP MICROWAVE SIGNAL GENERATOR PORTABLE UNIT DESIGNED TO TEST AND ADJUST RADAR, RECON AND MICROWAVE COMMUNICATION SYSTEMS OPERATING IN THE FREQUENCY RANGE OF 8500 TO 9600 MC. PROVIDES EITHER FM OR CW TEST SIGNALS OF KNOWN POWER LEVEL & FREQUENCY. THIS UNIT CONTAINS A DIRECT READING FREQ. METER AND POWER LEVEL METER WHICH POWER REFERENCED TO ONE MILLIWATT (DRM). USED TO MEASURE THE FREQ. AND POWER LEVEL OF THE INPUT AND OUTPUT SIGNALS. SPECTRUM WIDTH, FREQ. CHANGE, RECOVERY TIME AND STANDING WAVE RATIO. CAN ALSO BE MODULATED EXTERNALLY. OPERATES FROM 115 VOLT 50-1600 CYCLES. LESS CABLES, PLUGS, ADAPTER, PICK UP HORN. SIZE: 11x18x12 1/2; WT: 35 LBS. USED TS-147B/UP SIGNAL GENERATOR AS PHOTO \$59.50 TS-147A/UP " " SIMILAR TO " 49.50

WAVEMETER

TS-117 WAVEMETER; 2400 TO 3400 MC P/M 3 MC TRANSMISSION RANGE; P/M 6 MC. ABSORPTION RANGE; 0-50 MICR OAMP METER D.C., 1N21B CRYSTAL RECTIFIER, AS-23/AP ANTENNA, UG-57U, UG-131/U ADAPTERS AND CG-183/U CABLE. TUNING CAVITY WITH CALIBRATION CHART. WOOD CARRING CASE. SIZE: 8x6x6 1/2; WT: 10 LBS. PRICE: USED \$18.95 RE-NEW 24.95



TS-170/ARN-5 TEST OSCILLATOR 332.6 333.8 335.0 MC

BATTERY OPERATED, CRYSTAL CONTROLLED ON THREE PRESELECTED FREQUENCIES, 90 & 150 CYCLE MODULATION; USED TO ALIGN GLIDE PATH RECEIVER & DETERMINE SENSITIVITY 2", 0-1 DC MILLIAMPERE METER FOR MEASURING CIRCUITS. HOUSED IN ALUMINUM CARRING CASE 12 1/2x9 1/2x8, WT: 12 LBS. PRICE: USED \$12.95



1-199 TEST SET DYNAMOTOR & HAND GENERATOR TESTER USED TO CHECK EQUIPMENT UNDER LOAD CONDITIONS. INPUT VOLTAGE READINGS 0-60 VOLTS DC & 60 AMPS. D.C. OUTPUT VOLTAGES 0-1200 VOLTS D.C. & 600 MA. D.C. ALSO PERCENTAGE OF RIPPLE IN THE INPUT & OUTPUT, ALL SHOWN ON 3" RD. METERS ALSO CONTROLS FOR VARYING VOLTAGE & CURRENT UNDER LOAD. SIZE: 18x12x11, WT: 40 LBS. PRICE: USED \$29.50 NEW \$39.50

BC-638 FREQUENCY METER 100 TO 156 MC CRYSTAL CONTROL ON FOUR PRE-BET FREQUENCIES; VARIABLE TUNING WITH MAGIC EYE CONTROL. USED WITH SCR-522 AND OTHER SETS. OPERATES FROM 115 VOLT 60 CYCLE ALSO PROVISIONS FOR BATTERY OPERATION AND HAS BELCONTAINED MODULATOR. RACK PANEL MTG. 19" x7x9, WT: 35 LBS. PRICE: USED \$12.95



1-177 TUBE CHECKER

USED \$29.95

PORTABLE DYNAMIC MUTUAL CONDANCE TYPE WITH 3" METER FOR INDICATING GOOD, BAD OR QUEST IONABLE ALSO GASES, SHORTS & NOISE. WILL CHECK 4 TO 7 PIN LARGE, SMALL, OCTAL, LOCTAL, ACORN ETC. WITH CHART FOR TUBES BEFORE 1953 LATER TYPES SEE BELOW. SIZE 5 1/2x15 1/2x8 1/2; 16 LBS



1-177 TUBE CHECKER ADAPTER; NEWLY MANUFACTURED UNIT TO REPLACE THE MX-949/U MILITARY TYPE. HAS SOCKETS TO TEST 7&9 PIN MINIATURE, OCTAL, LOCTAL, NOVAR AND COMPACTRON TUBES. PIN PLUGS ARE USED FOR THE TUBE SET-UP. \$26.50 BIGELOW 1-177/MX-949 SPEC. ADAPTER 1-177 SERIES TUBE SET-UP CARDS FOR USE WITH THE ABOVE DESCRIBED ADAPTER TO CHECK THE MORE MODERN TYPE TUBES. MANY TYPE ARE NOW SET UP AND YOU GET A ONE YEAR TUBE DATA SUBSCRIPTION FOR ADDITIONAL TYPES. ORDER BIGELOW 1-177 CHART.... \$4.99



TESTER ASSEMBLY T-101001

STABILIZATION TEST SET FOR AUTOMATIC PILOT. CONTAINS A 2 1/2" AC METER WITH CENTER SCALE 50-0-50 & 15-0-15, 5 POSITION METERING SWITCH FOR RANGE & 11 POSITION SWITCH FOR MEASURING VOLTAGE FROM THE EXTERNAL PIN-JACKS OR CONN. PLUG. ALSO HAS 7 TOGGLE SWITCHES, 4 LIGHTS, 2/6AL5 & 1/2C51 TUBES. IN ALUMINUM CARRING CASE. SIZE: 13x11x11. WT: 22LBS. PRICE: USED \$6.95



MD-16/TPS-3 MODULATOR FOR TPS-3 RADAR SET. P3E EMISSION, RESONANT CHARGING SYSTEM & TYPE E LINE WHICH IS DISCHARGED THROUGH SPARK GAP AND PULSE TRANSFORMER. 8 KV OUTPUT, 500 OHM IMPEDANCE. PULSES 200 PER SECOND. 1/2 SECOND DURATION, WITH TUBES 2/705 & 1/1B32/532. OPERATE 115 VOLTS 400 CYCLE AND WAS USED WITH APPROX. 600 MC RADAR SET. SIZE: 12 1/2x14 1/2x11 SHPG. WT: 125 LBS. PRICE: NEW... \$9.95

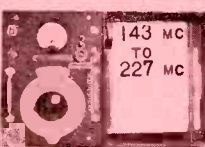
ALTIMETER TEST SET

TS-10B APN

USED FOR CHECKING SENSITIVITY, TUNING, ANTENNA SYSTEMS, CALIBRATION AND LIMIT CALIBRATIONS OF ALTIMETERS. CONTAINS 370 FT & 70 FT 58OHM RG-54A/U COAXIAL CABLE DELAY LINES, L-101 COAXIAL ATTENUATOR, 10-98 INDICATOR, 2/8 FT 1/20", 1/12" OF RG-8 52 OHM COAXIAL CABLE WITH PL-259 CONNECTOR EA. END AND 4/50-239 CONNECTORS. COMPLETE IN CARRING CASE 19x15x7 WT 36 (SEE PAGE 5 FOR COAXIAL CABLE & CONN. ONLY) PRICE: USED \$15.00 UNUSED \$18.00

1-61 TEST SET FOR TRANSMISSION MEASURING

PORTABLE BATTERY OPERATED UNIT USED TO MEASURE LOSS ES OR GAINS IN CIRCUITS OR APPARATUS. AUDIO OSCILLATOR FREQUENCIES OF 500, 1000 AND 2500 CYCLES WITH LEVELS OF -40DBM, -20 DBM OR 0 DBM INTO A 600 OHM LOAD, THE RECEIVING AMPLIFIER IS CALIBRATED TO MEASURE LEVELS FROM A 600 OHM SOURCE BETWEEN -50 DBM & 15 DBM IN STEPS OF 0.5 DBM OVER THE FREQUENCY RANGE OF 100 TO 10,000 CYC THE 0 DBM IS ONE MILLIWATT IN 600 OHMS. UNIT ALSO CONTAINS A EE-8B FIELD TELEPHONE, BATTERY OPERATED ASSY. WITH A TS-9 HANDSET. AND BE PURCHASED WITHOUT THIS ASSEMBLY. COMES IN WOOD CARRING CASE 18 1/2x10 1/2x11, WT: 47LB PRICE, COMPLETE WITH TELEPHONE ASSY & TS-9 USED \$29.95 RE-NEW \$39.50 LESS TEL. ASSY " 19.95 " " 29.50



BC-906 FREQUENCY METER; ABSORPTION TYPE USING THE DIP OF A 500 VDC MICROAMMETER 2" FOR FREQ. INDICATION. REQUIRES BATTERIES FOR OPERATION. WITH ANTENNA 4" DIAL ETC. SIZE: 6 1/2x12x10 WT: 20 LBS. USED \$9.95

URC-4 TEST SET

TS-684/URM-30 ANALYZER FOR URC-4 RADIO SET, ALIGNMENT AND TESTING CONTAINS 0-1 MA METER, METERING SWITCH, CRYSTAL OSCILLATOR, ANTENNA CABLES ETC. IN METAL CARRING CASE. SIZE: 6x6x4; WT: 4 LBS. NEW \$8.95



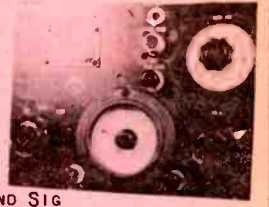
U.H.F. TUNERS

ULTRA HIGH FREQUENCY ASSY. TUNING UNIT USING 2C39 TUBE AS DRIVER AND A 2C39 AS A POWER AMPLIFIER, FREQ. OUTPUT 225-350 MC., 6F4 TUBE OSCILLATOR 112-175 MC. AND 6F4 DOUBLER CIRCUIT, TUNED CIRCUITS ARE GANGED FOR SINGLE KNOB CONTROL. ALSO HAS HAYDON 4.5 V. 75 MA. 12R.P.M. TIMER MOTOR. REMOVED FROM ARC-12 EQUIPMENT. SIZE: 10x6 1/2x4; WT: 7 LBS. #KS10362 PRICE: LESS TUBES \$3.95



ULTRA HIGH FREQUENCY TUNER; CONSISTS OF REC. R.F. AMPLIFIER MIXER, AND H.F. OSCILLATOR 225-350 MC. OUTPUT TO I.F. 15.1 MC., USES 6/6AK5 AND 1/12 AS6 TUBES, ALSO CRYSTAL BETWEEN 13 AND 41.5 MC., VARIABLE CONDENSERS ONE FOUR GANG 4-24 MMFD PER SECTION, OTHER 4 GANG 3 SEC. 4-25 AND ONE SEC. 5-41 MMFD, SINGLE DIAL CONTROL. REMOVED FROM ARC-12 EQUIPMENT. SIZE: 8 1/2x5x3; WT: 4 LB STK# KS-10329 PRICE: LESS TUBES \$2.95

TS-36/AP X BAND RADAR POWER METER; GENERAL PURPOSE TEST INSTRUMENT USED FOR CHECKING RADAR SETS IN THE X BAND. W/0-200 DC MICROAMP METER, 3 1/2" RD. BATTERY OPERATED. ALSO HAS SQUARE WAVE GUIDE ATTACHMENT SAME AS USED ON TS-35 X BAND SIG BAND SIGNAL GENERATOR. SIZE: 9x7x6 WT: 9 LBS. PRICE: LIKE NEW \$9.95



RAF-2 R.F. SIGNAL GENERATOR USED FOR ALIGNING, TESTING AND SERVICING OF RADAR & ELECTRONIC EQUIPMENT IN THE 90 TO 700 MC. RANGE. PULSE EMISSION, VOLT OUTPUT 0-100,000 MV. IMP. INPUT 10M OHMS, OUTPUT 50 OHMS, PULSE DELAY 3-300 USEC. DURATION 2-300 USEC. REP. RATE 60-2500 PPS. ACC. 1%. SIZE: 13x11 1/2x18; WT: 75 LBS. PRICE USED \$75.00

LS-1 SIGNAL GENERATOR, 90-95 MC CRYSTAL CONTROL, 0-50 MICROAMP. METER 3 1/2", BATTERY OPERATED 3/BURGESS 5308/45 VOLT TAPPED 22 1/2 & 2/5360; 4 1/2 V. & 2/4FA; 1 1/2 VOLT. WITH TUBES 2/3AB, 1/1G5 & 1/1N5. UNIT ALSO HAS A AUDIO OUTPUT. SIZE 12x12x11; WT: 20 PRICE: \$18.95



OAP/CHZ-60ABN WAVEMETER-OSCILLATOR 140 TO 240 MC. R.F. VTVM CIRCUIT WITH 6E5 MAGIC EYE INDICATOR TUBE. SO-239 CONNECTORS FOR INPUT CIRCUITS, WAVEMETER, V.T.V.M. OUTPUT OSCILL. OSCILL. CALIB. 50 OHM NON-INDUCTIVE LOAD. 115 VOLT 50-70 CYC SIZE: 9x15 1/2x10; WT: 35 LBS. PRICE: USED WITH CALIBRATION CHART \$14.95



COMPUTER AMPLIFIER SYSTEM CONTAINS FIVE SPERRY SYNCHRO TRANS. PT#662426-3 CONNECTED BY GEARS TO DIALS, FOUR AMPLIFIER CHASSIS WITH 2/6J6 TUBES EACH, 3 1/2" NULL METER 10x0-10, CABLE AND ADAPTER IN ALUM. CARRING CASE SIZE 17 1/2x10x10; WT: 35 LBS. STK#T-101023 PRICE: \$22.95



C-113/TRA-2 CONTROL UNIT, USED FOR REMOTE CONTROL OF T-14/TRC-1 TRANSMITTER, OPERATES FROM 115/230 V 60 CYCLE SUPPLIES 56 VDC @ 130 MA. FOR OPERATION OF MIC. & PHONE CIRCUITS UP TO 2 MILES FOR INTERCOM USE FROM A TWO WIRE CIRCUIT. WITH PORTABLE CASE, CABLES, RELAYS ETC. SIZE 14x9x12; WT: 30 LBS. PRICE: UNUSED \$4.95

STROWGER RELAY

STROWGER STEP BY STEP RELAY ASSEMBLY IS USED IN CENTRAL OFFICE DIAL TELEPHONE EXCHANGE. THIS IS THE HEART OF THE DIAL TELEPHONE SYSTEM AS IT HAS THE TEN STEP BANK SELECTION AND 10 STEP LINE SELECTION TRUNK LINE SENSING MECHANISM WITH NECESSARY HOLD AND RELEASE RELAYS. (THE BANK OF ROTARY STEPPING SWITCHES IS NOT PART OF THIS ASSY) SIZE 14x5x7; WT:13 LBS. WE#ED55242-31G1 PRICE: USED \$5.95



TELEPHONE BANK

TELEPHONE RELAYS FOR LINE USE. OPERATES FROM 48 VDC, 1000 OHM Z A SINGLE CONTACT, 500 OHM Z BB DOUBLE CONTACT, 20 OF EACH RELAY MOUNTED FOR 26" RACK. SHPG. WT:35 LBS. REMOVED FROM EQUIPMENT. PRICE 40 MOUNTED RELAYS \$9.50 EACH RELAY 35¢



MULTIPLEX

PHILCO SIGNALING & TERMINATION UNIT CST-2 STANDARD 19" RACK AND IS USED IN MULTIPLEX SYSTEMS FOR TRANSMISSION OF NORMAL DIAL OR RINGDOWN SIGNALING AND TERMINATES THE FOUR-WIRE CIRCUIT OF THE MULTIPLEX INTO THE TWO-WIRE TELEPHONE CIRCUIT. A 3.5 KC OSCILLATOR TONE IS USED FOR SIGNALING WITH THE USE OF HYBRID COILS AND T PAD ADJUSTMENTS PROPER ATTENUATION OF THE VOICE LEVEL IS MAINTAINED. OPERATES FROM 115 VOLT 60 CYC AND IS COMPLETE WITH 2/12AU7 TUBES, FOUR RELAYS AND INSTRUCTION BOOK. COND. UNUSED. SIZE:4x19x12; SHPG. WT.50 LBS. \$9.95



BC-223 TRANSMITTER

BC-223 TRANSMITTER; 25 WATT, CW, MOV, VOICE, CRYSTAL CONTROL ON 4 PRESELECTED CHANNELS IN THE FREQ. RANGE OF 2000-5200 KC. BY USE ON 3 PLUG-IN TUNING UNITS (USES FT-171 CRYSTAL) & VARIABLE OSCILLATOR, USES TUBES 801 OSCILLATOR, 801 POWER AMP. 2/46 MODULATORS & 46 AUDIO AMPLIFIER VOLTAGE REQUIRED 12/24 VDC & 500 VDC @150-200 MA. 0-3 RF METER & 0-300 VDC MA. METER 2". SIZE:18x13x7; WT: 40 LBS. WITH 1 TUNING UNIT. PRICE: TRANS. W/TUBES NO TUNING UNITS \$24.95
 TU-17 TUNING UNIT 2000-3000 KC. NEW \$4.95
 TU-18 " " 3000-4500 KC. " 3.95
 TU-25 " " 4500-5200 KC. " 3.95
 CS-56 STEEL CASE FOR HOUSING TUNING UNIT 1.00
 FT-173 MOUNTING WITH SHOCKMOUNTS 2.00
 SPECIAL SPECIAL SPECIAL
 BC-223 TRANSMITTER WITH 3 TUNING UNITS, IN CASE FT-173 MOUNTING AND TUBES..... \$35.00
 PL-150 POWER PLUG CONNECTOR TRANS./PS. EA.2.50
 PE-135/PE-55 DYNAMOTOR 12/24 VOLT USED 12.95
 PE-125 VIBRATOR P.S " " 12.95
 AC POWER SUPPLY KIT OF PARTS \$25 WIRED 29.95



SWITCHBOARD

BC-57 SWITCHBOARD FOR SCHOOL CODE PRACTICE. 20 CORDS & PLUGS WITH 60 JACKS FOR SWITCHING STUDENT AND SUPERVISORY CIRCUITS. (VO-3 AUDIO CODE OSCILLATOR ON PAGE 7 CAN BE USED TO FEED THE TONE TO THIS BOARD) SIZE: 24x10x8; WT: 35 LBS. USED \$9.95



MODEL 14AT TELETYPE TYPING UNIT, USES 3/8" TAPE THIS EQUIPMENT WAS RECENTLY TAKEN OUT OF SERVICE AND WAS OPERATING AT THE TIME BUT IS NOT GUARANTEED TO BE IN OPERATING CONDITION. SIZE: 15x15x15; WT: 100 LBS. PRICE:....\$49.95



PAPER TAPE 3/8" FOR TELETYPE MACHINES, NOT GUMMED, 30 ROLLS \$3.00/60 ROLLS \$5.00

PE-250 TELERING GENERATOR INTERRUPTER RINGING MACHINE FOR TELEPHONE LINES. OPERATES FROM 110 VOLT 60 CYCLE 50 WATT, OUTPUT 90 VOLT 20 CYCLE, REQUIRES 50 WATT LAMP FOR INDICATING SHORT OR HEAVY LOAD. 8x4x12; 15 LBS. USED \$9.95



PORTABLE REPEATER

EE-89 TELEPHONE REPEATER; PORTABLE BATTERY OPERATED, 2 WAY LINE UNIT, CAN BE USED AS TERM. OR INTERMEDIATE AMPLIFIER, USES ONE 3C5GT TUBE, INCLUDES HEADSET ELEMENT FOR MONITORING AND GAIN CONTROL, BATTERY VOLTAGE REQUIRED 1.5 & 90 VDC. IN WOOD CASE W/CARRING STRAP. SIZE:6x9x8; WT: 12 LBS.

SONAR DRIVER; 17 TO 26 KC. C.W & F.M EMISSION ONE BAND, 400 WATTS, INPUT 440 VOLT 60 CYCLE 3PHASE, TRANSFORMERS CAN BE REMOVED FOR 1 PHASE, USES 6/866, 2/803, 1/801 TUBE NAVY # CRV-52329. SIZE: 17x4x8x24x2 SHPG. WT: 450 LBS. PRICE: WITH TUBES.... \$59.50 " " " 35.00



SELECTOR CONTROL ASSEMBLY AS USED IN R-278 RECEIVER AND T-217 TRANSMITTER. UNIT CONTAINS 33 NUMBERED THUMB-IT WHEEL WAFER SWITCHES WHICH CAN BE MOUNTED SINGLY OR IN BANKS, 23 CONTACT, 10 19 CONTACT, ALSO 4 A.C. RELAYS ON A 10 CHANNEL GEAR TRAIN WITH 115 VOLT 60 CYCLE MOTOR, CHANNEL SELECTOR SWITCH, RESISTORS CONDENSERS ETC SIZE: 16x9x9; WT: LBS. USED W/MOTOR \$12.95 LESS MOTOR \$8.95



THERMO-GRIP ELECTRIC SOLDERING IRON MFG BY IDEAL INDUSTRIES, MODEL 5C. OPERATES FROM 115 VOL 60 CYCLE 10 AMPS. OUTPUT OF TR TRANSFORMER IS 3-4 VOLTS AC, 2-300 AMPS. PLIER ATTACHMENT IS

INTENDED TO BE USED FOR SOLDERING LUGS UP TO 150 AMPS OR COPPER PIPE UP TO 3/8". PLIER IS 12" LONG AND CABLES 52". WITH SUITABLE ATTACHMENTS TRANSFORMER CAN BE ALSO USED FOR HEAVY SPOT SOLDERING AND ETCHING. WT: 30 LBS. PRICE WITH CARRING CASE \$19.95



THERMO-GRIP MIDGET SIZE SOLDERING PLIERS IDEAL NO.12-023. THESE

PLIERS ARE ONLY 9" LONG AND HAVE A 54" CABLE WITH CONNECTORS AND IS INTENDED TO BE USED WITH A 300 WATT TRANSFORMER FOR LIGHTER WEIGHT WORK. WT: 2 LBS. PRICE: CABLE & PLIERS ONLY \$2.95

BC-1141 MINE DETECTOR

AMPLIFIER AS USED IN SCR-625 MINE DETECTOR. HAS SENSITIVE AMPLIFIER & TONE SYSTEM THAT WAS USED TO DETECT METALS. OPERATES FROM 2 FLASHLIGHT & 93 VOLT DRY CELLS. COMPLETE WITH TUBES 2/1N5GT & 1/1G6GT, LESS BATTERIES. SIZE:14x6x5 WT: 10 LBS. PRICE: USED \$3.95



BC-611 TEST SET

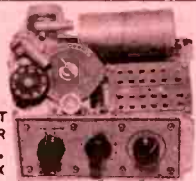
IE-17 Test Equipment USED FOR TESTING & ALIGNMENT OF REC-TRANS, TESTING CRYSTALS AND MEASUREMENT OF VOLTAGE OF BATTERIES BA-37 & BA-38. CONSISTS OF THE FOLLOWING 1-135 Test Unit IN CASE WITH HINGED COVER & HANDLE CONTAINS MICROPHONE, EARPHONE, MULTIRANGE 3" METER FOR CHECKING 0-3 & 0-150 VDC 0-1.5/15/60/600 MA DC & 0-60 VAC WITH MASTER SWITCH, RF & AUDIO OSCILLATOR CRYSTAL TEST & BATTERY COMPARTMENT ALSO CABLE HARNESS. CS-81 Test Case WHICH IS THE SAME SIZE AS THE BC-611 AND IS USED TO HOLD THE CHASSIS UNDER TEST, HAS PRESS TO TALK SWITCH AND ALIGNMENT OPENINGS. (NO MIC OR EARPHONE OPENINGS.) FT-252 Test Stand FOR HOLDING CS-81 CASE & A-82 PHANTOM ANTENNA WHICH CONSIST OF A 3" 0-40 MA. RF METER, VARIABLE COND. & REC.-TRANS. SWITCH MOUNTED ON A BAKELITE PANEL. COMPLETE UNIT AS DESCRIBED ABOVE WITH INSTRUCTION MANUAL AND WOOD CHEST SIZE: 19 X16X9 ALL IN NEW CONDITION. SHPG. WT: 44 LBS



PRICE: \$18.95

AUTO CONTROL

ELECTRIC AUTOTUNE ASSEMBLY THAT OPERATES FROM 115 VOLT 60 CYCLE, 1/100 HP CAPACITOR TYPE MOTOR WITH AUTOMATIC GEAR & RACHETT ASSEMBLY THAT ENABLES YOU TO PRE-SET MOTOR ANY 10 POSITIONS IN 360 DEG. UNIT IS GEARED TO A TWO DECK 12 POSITION CERAMIC WAFER SWITCH THAT TERMINATES INTO A PLUG-IN SOCKET. TAKE OFF OF POWER CAN BE MADE AT BACK OF MOTOR OR CERAMIC SWITCH MAY BE REMOVED. ADJUSTMENTS FOR STOPS ARE MADE AT THE MOTOR AND THE CONTROL PANEL CAN BE LOCATED AT A REMOTE POSITION WHERE THE MOTOR STOP CAN BE SELECTED, PANEL ALSO HAS LIGHT DIMMER CONTROL AND LOCAL & REMOTE POSITION SWITCH. PART OF RDZ AUTOTUNE, COLLINS#596A RDZ#23491 SIZE:9x4x6, WT: 7 LBS. PRICE: NEW \$5.95



MD-34/ARA-8 MODULATOR KEYING UNIT

AUTOMATIC HOMING KEYING ASSY. THAT OPERATES FROM 24 VDC MOTOR THAT IS CONNECTED TO A WORM GEAR WHICH ACTUATES THE CODED WHEEL THAT INTERRUPTS THE SIGNAL AND TRANSFERS FROM ONE ANTENNA TO ANOTHER. ALSO HAS RELAY AND THREE SO-239 TYPE COAX. CONN. CAN BE USED AS A REMOTE ANTENNA CHANGE-OVER. SIZE:3x10x4x2, WT: 5 LBS. PRICE: USED..... \$1.95



VISUAL FLASH LAMP

USED BY AIRCRAFT OR GROUND UNITS FOR IDENTIFICATION PURPOSES. DESIGNED TO DELIVER EXTREMELY BRIGHT FLASH OF LIGHT 1 FLASH PER 1/2 SEC. WHICH CAN BE SEEN BY AIR IN BRIGHT SUNLIGHT FOR 3 MILES OR 1 MILE ON THE GROUND. AVAILABLE FOR 6, 12 OR 24 V. OPERATION. CONSISTS OF A HIGH VOLTAGE CONVERTER USING A VIBRATOR TYPE POWER SUPPLY, SLYVANIA TUBE #1073. COMPLETE WITH 20 FT. CABLE SPARE PARTS & MANUAL. IDEAL FOR BOATS, PLANES, AUTO: BOAT LANDINGS, COTTAGES, PHOTOGRAPHIC WORK ETC. (CAN BE OPERATED FROM 115 VOLT BY USING OUR D.C. POWER SUPPLIES LISTED ON PAGE 7) SIZE:17x10x4x4; WT: 50 LBS. UNUSED \$29.50





ART-13 TRANSMITTER

100 WATT AIRCRAFT
AUTOTUNE TRANSMITTER

MAKES A VERY SATISFACTORY AMATEUR UNIT FOR 80, 40, 20 AND 10 METERS. THE AUTOTUNE FEATURE PERMITS YOU TO PRESET THE FREQUENCY DESIRED ON ANY 10 PRESELECTED CHANNELS. (FOR CONVERSION INSTRUCTIONS SEE MANUALS #2 & #3 \$3.00 EA. TUBE LINEUP 1/837, 1/813, 2/1625, 1/125J7, 2/6V6, 2/811, 2/12SL7, 1/12SA7. VOLTAGE REQUIRED 28VDC 10AMP, 400VDC, 225MA & 1250VDC 250MA. SIZE: 23x16x11 1/2 WT. 70LBS

PRICE: USED \$59.50
CONNECTOR PLUGS FOR TRANS. U/7 & U/8 \$2.50 EA. DYNAMOTOR FOR ART-13 WITH FILTERS & RELAYS 28VDC INPUT. PRICE: USED \$12.95

NEW
CONNECTOR PLUGS FOR DYNAMOTOR U-9 OR U-10 EACH \$2.50
CU-24/ART-13 ANTENNA SHUNT CAPACITOR CONSISTS OF 3 CAPACITORS 25MMF 10KV PRICE USED \$1.00



O-17/ART-13 LOW FREQUENCY OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 TUBE. ALL OPERATING VOLTAGES ARE OBTAINED FROM THE TRANS. POWER SUPPLY. SIZE 5 1/2 x 5 1/2 x 9; WT 4LBS. USED \$5.95



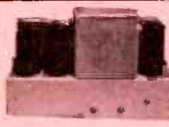
SA-22/ART-13 ANTENNA SWITCHING UNIT CONTAINS A BENDIX VACUUM RELAY LM-26G, 24VDC, 2 POSITION CERAMIC SWITCH & 4 LARGE INSULATORS SAME AS USED ON TRANSMITTER, ALSO SO-239 COAX. CONNECTOR. SIZE: 11x7x7 WT 10LBS

PRICE: NEW \$4.95



VARIOMETER COIL FOR ART-13 L-112, ROTOR & STATOR COILS WITH GEARED COUPLING. 4x5x3; 2LB. USED \$1.95

RELAY, OUTPUT CIRCUIT SELECTING, 24 VDC #K105 6x2x3; 2 LB. USED \$2.95



ART-13 AUDIO SPEECH AMPLIFIER CONTAINS TWO 6V6GT & ONE 12SJ7 TUBE, CAN BE USED FOR CARBON OR DYNAMIC MIC. SIZE: 7x4x3 1/2; WT: 4LBS, USED STK#2C254 PRICE \$5.95



ART-13 CF1 CALIBRATION FREQUENCY INDICATOR & MCW OSCILLATOR ASSY. USED TO PROVIDE A CONSTANT CRYSTAL CONTROLLED STANDARD OF 200 KC. IN ORDER THAT FREQ. CAN BE CHECKED ALSO 1000 CYCLE TONE. WITH 200KC. CRYSTAL & 2 TUBES SIZE 6x5x3 WT. 3LBS STK. #8Q1 PRICE USED \$6.95



POWER AMPLIFIER & SWITCHING ASSY. FOR ART-13. CONTAINS COILS L-114, 113, SWITCHING DEVICE 113B, C, D, CONDENSERS ETC. USED SIZE 8 1/2 x 5 1/2 x 3 1/2; WT: 4LBS. \$4.95



FREQUENCY MULTIPLIER CONTAINS, 2/TUBE SOCKET, CERAMIC CONDENSERS, SWITCHING DEVICE, RESISTORS ETC. (SOME INSULATORS OR TUBE CAPS MAY BE MISSING. USED, REMOVED FROM ART-13. SIZE 6 1/2 x 2 1/2 x 5; WT: 5LB. \$6.95



SN-17/AP9-10 SYNCHRONIZER, \$9.95 TRANSMITTER & RECEIVER ALSO SWEEP AND CONTROL CIRCUITS FOR THE INDICATOR. GENERATES CONTROL FOR THE PULSE RECURRENCE RATES OF 410 TO 820 CPS AND RANGE MARKS OF 0-4-25 MILES. SIZE 8x6x13; WT: 30 LBS.

TEST SET

TS-3A/AP RADAR FREQUENCY METER 2400 TO 3400 Mc USING A TUNEABLE CAVITY ALSO HAS 3" METER FOR TESTING POWER OUTPUT, 0-2 MA. MOVEMENT 0-20 SCALE. USED WITH SCR-717/720 RADAR SET. WITH CABLES, TEST LAMP, COMPUTER RULE ETC. SIZE: 8 1/2 x 8 1/2 x 8; WT: 25 LBS. PRICE: UNUSED \$9.95



AIRPORT MARKER BEACON 75MC TRANSMITTER RECEIVER

CDE-52326 NAVY MODEL MARKER BEACON TRANSMITTER PORTABLE UNIT THAT OPERATES FROM 115 VOLTS 60CYC WHICH TRANSMITS A KEYED OR A CONTINUOUSLY MODULATED SIGNAL VERTICALLY IN A BALLON-SHAPED PATTERN ON 75MC. USED AT AIRPORT LANDING FIELDS RUNWAYS IN CONJUNCTION WITH MARKER BEACON RECEIVERS THAT ARE INSTALLED IN THE PLANE THUS ENABLING THE PILOT TO KNOW WHEN HE IS OVER THE RUNWAY. (IN CONJUNCTION WITH HIS OTHER INSTRUMENTS.) WATTAGE OUTPUT (1) ONE WATT, MASTER OSCILLATOR & MODULATED CW, 400CPS, 1300CPS, 3000CPS TUBE LINEUP 4/6V6, 2/6SN7, 1/6SR7, 1/65, 2/VR150, 30 & 1/5Y3. COMPLETE WITH TUBES & DIPOLE ANTENNA & OPERATING MANUAL. SIZE: 17 1/2 x 10 x 11 WT 35LBS PRICE UNUSED \$29.95



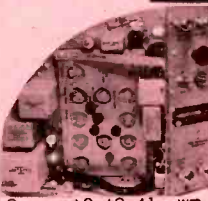
BC-1333 MARKER BEACON RECEIVER 75MC. USED TO RECEIVE SIGNALS FROM ABOVE TRANSMITTER. WHEN SIGNAL IS RECEIVED IT OPERATES A RELAY IN THE RECEIVER WHICH IN TURN CAN BE USED TO OPERATE SIGNALS, LIGHTS, MOTORS, TURN ON EQUIPMENT ETC. VOLTAGE REQUIRED 24VDC. COMPLETE WITH TUBES 1/12SN7, 1/6SH7, 1/6SL7 SIZE: 3x5 1/2 x 5 1/2 WT. 3LBS. PRICE: USED \$2.95

C-1 CONTROL BALLISTICS BOX; FOR BCMBING NAVIGATIONAL COMPUTER PT#654573; HAS 4 DIALS WITH CONTROLS CONNECTED BY GEARS TO AUTOSYN RESOLVERS SPERRY #6624-28 SIZE 1 1/2 x 1 1/2 x 5 EA. #562426 1 1/2 x 1 1/2 x 2 EA. #5663478 3x2 1/2 x 2 EA. ROTARY BAND SWITCH 4 DECK 10 POS. SIZE 9x12x8; WT: 20 LBS. \$7.95

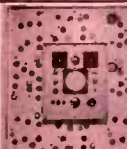


AMMUNITION FIRE CONTROL POWER DISTRIBUTION PANEL 171E608G1 & 519E147G1; TWO DIALS THREE GEAR CONTROL, 2 THREE DIGIT COUNTERS WITH MANUAL RESET AND HOLD 24 V OPERATION, 7 SWITCHES, TERMINAL STRIPS ETC. SIZE: 11x11x5; WT: 15 LBS. PRICE: USED \$4.95

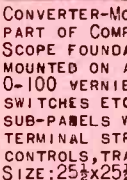
OSCILLATOR



R.F. OSCILLATOR. PART OF GKA-1 EQUIPMENT. CONTAINS SEVERAL TYPES OF BAND PASS FILTERS, VARIABLE CONDENSER, TUBE SOCKETS TEST JACKS, RESISTORS 1%, CAPACITORS, 2/UG-88 BCN COAX. CONNECTORS, PILOT LIGHT, SWITCH, POTS ETC. OSCILLATOR FREQ. APPROX. 24 KC. SIZE: 12x12x4 1/2; WT: 13 LBS. USED \$1.95



SCOPE MONITOR CONVERTER CONVERTER-MONITOR PANEL ASSEMBLY CV-399/GPA23 PART OF COMPUTER SYSTEM. CONTAINS A GOOD 3" SCOPE FOUNDATION ASSY. USING 3CP1A C.R TUBE MOUNTED ON A PANEL 10" x 12". SCOPE PANEL HAS 0-100 VERNIER DIAL 1 1/2" PLUS CENT, FOCUS CONT. SWITCHES ETC. THE MASTER PANEL HAS 10 SEPARATE SUB-PANELS WITH LOADS OF CONDENSERS, RESISTORS TERMINAL STRIPS ALSO AUTOSYN, CONNECTORS, CONTROLS, TRANSFORMERS AND LOTS MORE. SIZE: 25 1/2 x 25 1/2 x 14; WT: 55 LBS. USED \$9.95



COMPUTER TEST PANEL PART OF GPA-23 COMPUTER SYSTEM HAS ONE SYNCHRO RECEIVER 23TR6 115 VOLT 60 CYCLE, SIZE 2 1/2 x 4", CONNECTED TO 360 DEG. 5" INDICATOR DIAL, TWO AUTOSYNS AY-2015, 1 SIX POSITION 5 DECK ROTARY SWITCH, 6 PILOT LIGHTS, 10 TOGGLE SWITCHES VARIOUS TYPES, 5 BARRIER TERMINAL STRIPS, SOCKETS, POTS, CONDENSERS, RESISTORS. A REAL BONNANZA. SIZE: 17 1/2 x 11; WT: 17 LBS. PRICE: USED \$9.95



GP-7 TRANSMITTER

GP-7 NAVY AIRCRAFT TRANSMITTING, FREQUENCY COVERAGE 350 KC. TO 9050 KC. BY THE USE OF SIX PLUG IN TUNING UNITS, AM, CW & MCW OPERATION, 30-50 WATTS VOICE & 85 TO 125 WATTS CW DEPENDING ON THE FREQUENCY AND TYPE INSTALLATION. COMPLETE WITH TUBES 2/1616, 1/803, 1/801, 1/843 & 1/5Z3, ANTENNA LOAD COIL, PILOTS & OPERATORS CONTROL BOX, COVER & MANUAL. SET OPERATES FROM 115 VOLTS 800 CYCLE AND 12 OR 24 VOLTS D.C. AS IT HAS ITS OWN SELF CONTAINED A.C. POWER SUPPLY. THE 2 1/2" METERS ARE USED FOR MEASURING PLATE, FILAMENT & OUTPUT THE SET IS CONSTRUCTED OF ALUMINUM AND FIVE TUNING UNITS HAVE CARRING CASES WITH SNAP-SLIDE COVERS AND CARRING HANDLES. TRANSMITTER SIZE: 23x11x13; WT: 50 LBS. TOTAL WEIGHT OF ALL THE EQUIPMENT, PACKED 200

PRICE FOR COMPLETE SET AS DESCRIBED. \$29.50
GP-7 COMPONENTS INDIVIDUALLY PRICED
CAY 52173 TRANSMITTER - POWER SUPPLY \$16.95
PLUG-IN TUNING UNITS
CAY 47150A R.F. UNIT 350-800 Kc BAND 3.95
" 47151B " " 800-1500 " " 3.95
" 47155C " " 1500-3000 " " 4.95
" 47152D " " 3000-4525 " " 4.95
FOLLOWING TUNING UNITS HAVE ROTARY INDUCTORS
" 47153E " " 4525-6500 " " 7.95
" 47154F " " 6200-9050 " " 7.95
" EMPTY CASES FOR THE ABOVE TUNING UNITS WITH SNAP COVER AND HANDLE 1.75
" 47125 ANTENNA LOAD COIL 1.95
" 23219 PILOTS CONTROL BOX 1.95
" 23220 OPERATORS " 2.95
INSTRUCTION BOOK 7.50

T.R.F. RECEIVER

ACCESSORIES FOR T.R.F. RECEIVER CW-46048D
CW-47204 COIL (DUAL) 540-830/2040-3000Kc \$1.75
CW-47068 " " 850-1330 " " 1.75
CW-47069 " " 1330-2040 " " 1.75
CW-47070 " " 2040-3000 " " 1.75
CW-47072 " " 4000-6000 " " 1.75
CW-47075 " " 9050-13,575 " " 1.75
CW-23012 REMOTE TUNING HEAD 0-100 DIAL 1.75
MC-124-5 FLEXIBLE SHAFT FOR REMOTE TUNE 1.75
CW-23087 CONTROL BOX F/REMOTE USE 1.75
CW-62017 JUNCTION BOX 1.75
CW-46011 MOUNTING FOR RECEIVER (SHOCK) 1.00
CW-22266 TEST METER 2 1/2" 0-35 MA D.C. 2.50
SPARE TUBES: 3/78, 2/77 & 1/38233, SET \$3.00
CW-23022 LOCAL TUNING KNOB (NONE W/REC) 1.00
CW-21441 DYNAMOTOR 24 VOLT W/FILTER \$3.95
CONNECTOR PLUGS TO FIT REC. (1) CONTROL BOX (1), DYNAMOTOR (1) JUNCTION BOX (4) SET OF (7) SEVEN \$5.00 OR EACH PLUG \$1.00

RC-58 FACSIMILE

USED TO TRANSMIT AND RECEIVE MESSAGES ON 3/8" PAPER TAPE BY WIRELESS OR OVER WIRE THE UNITS ARE USED WITH A STANDARD A.M. TRANSMITTER AND RECEIVER THE SAME TYPE EQUIPMENT MUST BE USED ON BOTH ENDS OF THE SERVICE. MESSAGES ARE WRITTEN ON THE PAPER TAPE AND FED INTO THE MACHINE WHICH IS THEN TRANSMITTED TO THE RECEIVER ON THE OTHER END FED INTO THE MACHINE WHICH RECORDS ON THE PAPER TAPE. EQUIPMENT CONSISTS OF AMPLIFIER AND RECORDER. OPERATES FROM 12 VDC. SIZE: 11x10x11 & 14x10x9; WT: 75 LBS. USED PRICE: USED \$39.50 WITH 30 ROLLS TAPE.

SONOBOUY

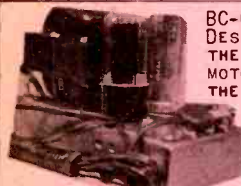
TRANSMITTER WITH PARACHUTE USED TO DROP FROM AIRCRAFT IN ORDER TO MARK LOCATIONS. SENDS MCW SIGNAL 70-90MC BATT. OPERATED WITH TUBES 3/1L4, 1/3Q4 & 1/3A4. WHEN UNIT IS DROPPED 6" RAYON PARACHUTE OPENS, WEIGHT ON BOTTOM OF SET IS LOWERED BY A SPINNER TYPE REEL & NYLON LINE THAT TURNS A PROPELLER STABILIZER AND CONTROLS THE RATE OF FALL. UNIT ALSO HAS A 40" FLEXIBLE WHIP ANTENNA AT THE TOP & A COIL TYPE DIPOLE ON THE BOTTOM. IN WATERPROOF CONTAINER 50" Lx7 1/2" DIA. WT 30LBS. STK# AN/CRT-4 PRICE: \$9.95

POWER SUPPLIES

RECEIVER POWER SUPPLY & SPEAKER FOR THE FOLLOWING SETS
 R-23/ARC-5 BC-453 BC-342
 R-24/ARC-5 BC-454 BC-344
 R-25/ARC-5 BC-455 BC-348
 R-26/ARC-5 BC-946 BC-429
 R-27/ARC-5 RAX

COMPLETE WITH 6" DYNAMIC SPEAKER HOUSED IN A METAL CABINET WITH CONNECTING CABLE, PLUG, PHONE JACK, VOLUME CONTROL, BFO SWITCH ETC. IF REQUIRED, CAN ALSO BE USED FOR OTHER SETS. OUTPUT 200/250 VDC @ 90/60 MA. & 24 VAC @ 2A. INPUT 115 VOLT 60 CYCLE. SPECIFY FOR WHAT SET. SIZE: 10x10x6; WT: 15 LBS. NO. P.S.(SET NUMB.)
 PRICE; KIT OF PARTS \$15.00 WIRED \$18.95

BC-652 RECEIVER POWER SUPPLY WITH SPEAKER SAME AS ABOVE; KIT \$20.00; WIRED \$23.95



BC-603/BC-683 RECEIVER P.S. DESIGNED TO BE PLUG IN-TO THE SAME PLACE AS THE DYNAMOTOR WITH NO CONVERSION TO THE SET THAT WILL EFFECT THE OPERATION FROM THE DYNAMOTOR. ONLY WORK REQUIRED ID ADD ON/OFF SWITCH IN PLACE OF SPAR FUSE HOLDER. TRANSFORMER TYPE USING 5Y3GT TUB

OUTPUT 220 VDC, 80 MA. & 24 VDC 2 A. WT: 5LBS. NO. P.S.603/683 KIT \$10.00 WIRED \$14.95



BC-923 RECEIVER POWER SUPPLY
 OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 275 VOLTS DC, 150 MA. & 12.6 VOLTS AC. 4 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5U4G TUBE, CHASSIS, WIRING DIAGRAM, LINE CORD ETC. SIZE: 5 1/2 x 6 1/2 x 9 1/2; WT: 15 LBS. PRICES: KIT OF PARTS...\$16.00 #PS-923 WIRED... \$20.95

R-77/ARC-3 RECEIVER POWER SUPPLY
 OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 210 VOLTS DC @ 125 MA. & 24 VOLTS AC @ 2 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5Y3GT TUBE, CHASSIS, LINE CORD ETC. #PS-R77/ARC-3 SIZE: 5 1/2 x 6 1/2 x 9 1/2; WT: 14 LBS. (LAYOUT SAME AS 923) PRICES; KIT OF PARTS..\$15.00 WIRED \$19.95

POWER SUPPLY No.7630019. OPERATES FROM 115 VOLT 60 CYCLE DUAL HIGH VOLTAGE OUTPUT 400 DC 200 MA & 400 DC 200 MA. ALSO 6.3 VAC 2.75 A. & 6.3 VAC 5.5 A WITH 2/5R4GY TUBES. SIZE: 10x7x15; WT: PRICE:\$19.95



CABLE WITH 18 CONTACT PLUG TO FIT P.S \$2.00



POWER SUPPLY No.7630020VR VOLTAGE REGULATED, OPERATES FROM 115 VOLT 60 CYCLE. OUTPUT 200-250 DC @ 150-250 MA. ALSO 6.3 VAC 2.75A & 6.3 VAC 5.5 TUBES 2/6AS7G, 1/VR-105, 1/6AK7 & 1/5R4G. WT: 30 LBS. SIZE: 11 1/2 x 10 1/2 x 6 \$18.95

CABLE WITH 18 CONTACT PLUG TO FIT POWER SUPPLY PLUG, 4 FOOT \$2.00

POWER SUPPLY 763003 (MODIFIED) OUTPUT 375 VDC @ 225 MA & 6.3 VAC @ 2.75 A, 6.3 VAC @ 5.5 A. INPUT 115 VOLT 60 CYCLE. WITH 2/5R4GY TUBES. SIZE: 9 x 13 x 7; WT: 35 LBS. PRICE: \$14.95



CONNECTOR 18 CONTACT \$2.00

PP-662/GPN POWER SUPPLY, VOLTAGE REGULATED, 300 VDC 10 TO 90 MA. PLUS POTENTIAL, 210 VDC MINUS. WITH TUBES 4/5651, 2/6AH6, 1/12AT7, 2/6AS7, 1/5Y3 & 1/5R4. OUTPUT PIN JACKS WITH ADJUST BLEEBING SWITCH, FUSED OUTPUT & INDICATOR LIGHTS. SIZE: 10x8x20; WT: 35 LBS. NO. COVER OR PLUG IN RELAY. PRICE: USED \$14.95



DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE CORD, PILOT LIGHT, LINE FUSE ETC. INDICATED RATINGS ARE FOR LOAD CONDITIONS.

DUAL OUTPUT 12/14 OR 24/28 VDC @ 6 AMPS. SIZE 7x6x13; WT: 17 STK#PS-12/24VDC6A
 KIT OF PARTS...\$20.00
 WIRED COMPLETE.... 24.95



OUTPUT 12/14 VOLTS DC @ 6 AMPS. SIZE: 5 1/2 x 9 1/2 x 5; WT: 20 LBS. STK#PS-12VDC6A
 KIT OF PARTS...\$14.00
 WIRED COMPLETE.... 18.95



OUTPUT 24/28 VOLTS DC @ 4 AMPS. SIZE: 5 1/2 x 9 1/2 x 5; WT: 12 LBS. STK#PS-24VDC4A
 COMPLETE WIRED..\$17.95
 KIT OF PARTS.... 13.00

OUTPUT 12/14 VOLTS DC @ 4 AMPS. SIZE: 5 1/2 x 9 1/2 x 5; WT: STK#PS-12VDC4A
 COMPLETE WIRED..\$14.95
 KIT OF PARTS.... 10.00

OUTPUT 24/28 VOLTS DC @ 1 1/2 A. SIZE: 7x6x5; WT: 6 LBS. #PS-24VDC1.5A WIRED..\$10.95
 KIT OF PARTS \$8.00

OUTPUT 12/14 VOLTS DC @ 2 AMP SIZE: 7x6x5 WT: 7 LBS. #PS-12VDC2A WIRED...\$9.95
 KIT OF PARTS..... 7.00

MOBIL SUPPLY

AVA-126 VIBRATOR POWER SUPPLY; OUTPUT 300 VDC 100 MA. OPERATES FROM 6, 12 OR 24 VOLTS D.C WHEN THE PROPER VIBRATOR IS USED, OCTAL BASE. SUPPLIED WITH 6 VOLT VIBRATOR (USED WITH AVT-112 AIRCRAFT TRANS) ILLUSTR. COVER REMOVED. UNUSED SIZE: 7 1/2 x 7 1/2 x 7 1/2; WT: 12LBS. \$4.95



RA-42A POWER SUPPLY; RACK MOUNTING 19", 115/230 VOLT 60 CYCLE OPERATION, OUTPUT 200 TO 250 VOLT D.C. 100 MA 2 1/2" VOLT AND MILLIAMPER METER HOUSED IN CABINET 19"x7"x8"; WT: 30 LBS. RA-42A WITH METERS USED \$9.95 RA-42B LESS " RE-NEW 9.75 " 6.75

POWER CONVERTER

TRANSISTORIZED POWER CONVERTER 12 VOLTS D.C. TO 117 VOLTS A.C. POWERFUL 125 WATTS CONTINUOUS DUTY WITH POWER TO SPARE FOR EXTRA YEARS OF SERVICE. PLUGS INTO CIGAR LIGHTER OF AUTO OUTLET AND WILL OPERATE LIGHTS, SHAVERS, RADIOS PHONOS OR MOST ANY EQUIPMENT DRAWING 10 TO 125 WATTS. SIZE 5x5x4; WT: 4 1/2 LBS. PRICE: \$29.95 (NEWLY MANUFACTURED)

VIBRATOR PACK

PP-68 VIBRATOR PACK CONVERTS 6 OR 12 VOLTS DC TO 115V 15 WATT OR 50 WATT TO RUN SMALL APPLIANCES. IDEAL FOR USE ON CAMPING TRIPS. INPUT: 6 OR 12 VDC OUTPUT: 115 V 60CYC 15 OR 50 WATTS. SIZE: 9x8x7 1/2 WT. 22 LBS. USED \$9.95



RA-94 POWER SUPPLY USED WITH BC-779 SUPER-PRO OR BC-794 REC. 115/230 VOLT 60 CYCLE INPUT, 19" RACK PANLE MTG. 10 1/2" H x 11" D. P.S OUTPUT 270 VDC & 140 VDC 150 MA. ALSO 6.3 FOR FILAMENTS. W/ 5Z3 & 80 TUBE. SHPG. 100 LBS. USED \$19.95 USED CHECKED \$22.95



PP-115/TRC-8 POWER SUPPLY OUTPUT 550 VDC 350 MA & 6.3 VAC CT, 6 AMPS. WITH 2/5U4G, 115/230 V 60 CYCLE SIZE: 12x8x14; WT: 50 LBS. ILLUSTRATION SHOWS 115 V APPROX. 100 CFM BLOWER. WITH BLOWER...\$19.95 LESS " ... 16.95

NEW COAXIAL CABLE

NEW MANUFACTURE AND BRANDED WITH STANDARD TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-BETWEEN LENGTHS USE THE HIGHER PRICE. LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

	100 FEET	500 FEET	1000 FEET	5000 FEET
RG-8/U 52 OHM	.10	.09	.08 1/2	.08
RG-11/U 75 "	.09 1/2	.08	.07 1/2	.07
RG-58/U 53 1/2 "	.04 1/2	.04	.03 1/2	.03
RG-59/U 73 "	.04 1/2	.04 1/2	.04	.03 1/2

PRICES ARE PER FOOT

NEW COAXIAL CONNECTORS

TYPE	PRICE	TYPE	PRICE
S0-239	\$.45 EA.	PL-259	\$.45 EA.
M-359	\$.45	PL-256 JUNCTION	\$.89
10 OR MORE	\$.39 EA.	10 OR MORE	\$.80

TYPES MAYBE ASSORTED TO OBTAIN THE LOW PRICE

Coaxial Cable

FOR LESS THAN 3c Per Foot!
RG-54 A/U CABLE-



DESIGNED FOR LONG LIFE & CONSTANT ATTENUATION 58 OHMS, .250 OD. WITH POLYETHYLENE JACKET.

370 FOOT ROLL \$10.00 70 FOOT ROLL \$ 1.95

LESS THAN SPECIFIED LENGTHS .03 PER FOOT

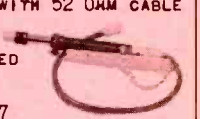
COAX CABLE ASSY

TYPE	OHMS	LENGTH	CONNECTOR	STOCK#	PRICE
RG-8/U	52	60 FT.	2/UG-21	CG-55	2.95
RG-8/U	52	30 FT.	2/UG-21	CG-55	1.75
RG-11/U	75	32 INCH	2/UG-21	CD-1259	.25
RG-11/U	75	21 FT.	1/PL-259	CD-876	.75
RG-21/U	53	10 FT.	UG-21/22	CD-780S	.35
RG-22/U	95	40 FT.	1/PL-284	CD-879	.75
RG-22/U	95	46 1/2 FT.	1/PL-284	CD-878	.80
RG-22/U	95	50 FT.	1/PL-284	CD-877	1.00
RG-26/U	48	30 FT.	2/UG-34	3E4392-	1.50
RG-62/U	93	10 FT.	2/UG-88	CG-1410	.35
RG-62/U	93	22 FT.	2/UG-88	CG-1410	.75
RG-62/U	93	35 FT.	2/UG-88	CG-1410	1.00
RG-62/U	93	130 FT.	2/UG-88	CG-1410	1.95
RG-58C/U	53 1/2	20 FT.	2/UG-88	CG-409D	.75

RG-8/U 52 8 FT. 2/PL-259 CA-102 .75

ATTENUATOR

IMPEDANCE MATCHING ASSEMBLY WITH 52 OHM CABLE 20" LONG, PL-259 CONNECTORS EACH END AND ATTENUATOR WITH 3" SLIDING ADJUSTMENT AND FEED THRU CONNECTORS EACH END. ATTENUATION 30 DB TO 100 DB 30 TO 450 MC. STOCK# 2Z396-7 PRICE: USED \$1.25 UNUSED \$1.95



CABLES

CABLE NO.	PLUG NO.	LENGTH	USED WITH	PRICE
3E7243-2	GK12-23 1/2	52"	TCS/REC-PS	\$2.75
3E7273-19	SKC16-23 1/2	29"	TCS/TRS-PS	2.75
CD-515		48"	BC-669	5.95
CD-501	F/BC-654 & PE-103			4.95
CD-548	2EA. PL-118	9 FT.	TEST SET	4.95
CD-549	2 " PL-112	9 FT.	TEST SET	4.95
CD-526	2 " PL-153	5 FT.	274N SERIES	4.95
CD-532	2 " PL-152	5 FT.	"	2.75
CD-509		8 FT.	BC-659/620	2.75

MULTI OUTPUT SUPPLY

RA-105 POWER SUPPLY; INPUT 115 VOLT 60 CYCLE, OUTPUT D.C. VOLTAGES 2400 VDC (FOR SCOPE) 544, 415, 295, MINUS VOLTAGES 1480, 290, 110, FILAMENT VOLTAGE 6.45@12 AMP. AND 6.45 @ 10 A WITH TUBES 3/5U4G, 3/2X2 AND 1/6X5GT ALSO HAS FUSED LINES, CIRCUIT BREAKERS AND LIGHT INDICATORS. SIZE: RACK MTG. 24"x24"x10; WT: SHPG. 200 LBS. GOV'T RE-COND. \$14.95



Control Boxes Filters Indicators Tuning Units Amplifiers

BRITISH MARK II CONTROL JUNCTION BOX No. 3.
CONTAINS PUSH-BUTTON AND CHROME BUZZER THAT CAN BE ADJUSTED TO OPERATE FROM 6-12 VOLT D.C. ALSO TERMINAL STRIPS AND CORD. SIZE 4 1/2 x 5 1/2 x 2 1/2; WT: 2 LB. USED \$1.00 NEW \$1.50

OTHER BRITISH MARK II EQUIPMENT IN STOCK. TELL US WHAT YOU MAY NEED.

TEN PUSH BUTTON LEVER SWITCH
3 SWITCHES 7 MAKE 1 BREAK
3 " 5 " 1 " NONE
1 " 3 " MOMENTARY
1 " 4 BREAK MOMENTARY, RELEASES 1-7, HOLDS #8.
SIZE: 8x6x1 1/2; 3 LBS. \$2.95



RM-21 CONTROL BOX WITH HAND SET HANGER, 3 MOMENTARY SWITCHES, CABLE AND PLUG. USED WITH BC-669. \$3.95

C-87/ART-13 CONTROL BOX, WITH 11 CHANNEL SWITCH, OFF, VOICE, C-W-MCW, IND. LIGHT, MIC JACK & CODE KEY. \$2.95

C-626/ARC-27 CONTROL BOX. AUTOMATIC CHANNEL SELECTOR PRESET MECH. W/ 24 V. DC MOTOR, RELAYS, GEARS ETC. SIZE 6 1/2 x 6 x 5; WT: 13 LBS. PRICE, USED \$4.95



BC-1303 CONTROL UNIT USED IN IE-36 TEST SET FOR SCR-522. HAS ALL FACILITIES FOR OPERATION, OFF-A-B-C-D CHANNEL SWITCH, MIC, PHONE & ANT. JACKS, TRANS, REC & REMOTE SW. & PL-170 RECEPTACLE. \$3.95

VERNIER DIAL 6" 0-100 SCALE ADJUSTABLE STOPS 5 POS. USED IN TAJ TRANS. 4 LB. \$2.75



BC-1366 BC-345 C-4/ARN-7 RADIO COMPASS CONTROL BOX USED W/R-5, 5A ARN-7, THREE BANDS 200-1750 2" TUNING METER & GRAIN OF WHEAT LAMPS. TAKES MC-124 CONTROL SHAFT. USED \$3.95
FT-224 MOUNTING FOR C-4 BOX WITH TERMINAL STRIP & PLUG USED \$1.50

BC-1366 CONTROL BOX CONSISTS OF 5 POSITION ROTARY SWITCH, VOLUME CONTROL & MICROPHONE & PHONE JACKS PRICE: \$7.75

BC-345 CONTROL BOX WITH 3 POSITION SWITCH MICROPHONE & PHONE JACKS. PRICE: \$5.50

Beam Filter
NAVY TYPE RANGE BEAM FILTER 1020 CYCLE ACCEPTANCE OR REJECTION.
PRICE: WITH PL-55 \$1.95
NO PL-55 \$1.50

TL-150 TUNING WAND
FOR BC-659, BC-620 \$7.75

SIDE BAND Loading Coil
C-114 - \$1.50



PHONE PATCH TRANSFORMER
C-161 - \$1.50

1D-304/APA-70 COURSE INDICATOR WITH 2 CROSS-POINT MICROAMP-METER MOVEMENTS 50-0-50 & -25-0-75, ON/OFF SWITCH. WESTON #888, SIMILAR TO 1-101C F/GLIDE RECEIV 3 1/2 x 3 1/2 x 4; 3 LBS. NEW \$4.95
CONNECTOR TO FIT... 1.50

KLAXON HORN USED ON AIRCRAFT LANDING GEAR SIGNAL. OPERATES 24 VDC, CAN BE ADJUSTED FOR 12 VDC ALSO FOR SOUND, GIVES OUT RASP. NOISE 5x5x3; 4 LBS. UNUSED \$1.50

FLASHER POSITION LIGHT, PERIODIC AIRCRAFT TYPE C-2, CONTAINS 2 FLASHER G-107 BALLAST TUBE, 24 VDC RELAY OPDT, COND, RES SIZE: 4x4x4; WT: 2 LBS. USED PRICE: \$1.00 EA. 2/\$1.50

THREE DIGIT COUNTER AS USED IN BC-461 REEL BOX HAS RESET & #6ZK3414A SPLINE SHAFT EXTENSION. 2 1/2 x 1 1/2 x 1 1/2. \$1.00

THREE DIGIT COUNTER OPEN TYPE, BEVEL GEAR STK. #773 \$50

FOUR DIGIT COUNTER FULLY ENCLOSED & BEVEL GEAR. VR# 8-30 \$65

C-60/AP CONTROL BOX. METER 2 1/2" 0-150 VOLT 400 CYCLE, TWO MICRO SWITCHES AND ADJ CONTROL. SIZE 6 1/2 x 6 1/2 x 3; WT: 3 LBS. USED \$1.95



C-30/ARC-5 EC-451 EC-136/2 C-30/ARC-5 CONTROL BOX WITH 7 push button switches marked A, B, C, D, OFF, 1 & 2. Also tone, CW & voice switch & connectors. Price... \$1.00

EC-451 CONTROL BOX WITH switches tone-CW-voice, on-off, 1/2/3/4 also code key, mic & phone jacks. used \$7.75 Price New \$1.50

EC-136-2 Control unit with mic & phone jacks, volume control & two binding post. \$35 each Four for \$1.00

1-101 CROSS POINT INDICATOR FOR COMBINED USE FROM LOCALIZER REC. & GLIDE PATH REC. PART OF ARN-5 & RC-103. SIZE 3 1/2 x 3 1/2 x 3 WT: 3 LBS. USED \$1.95

ARC-12 ANTENNA CHANGEOVER RELAY BNC CONNECTORS FOR EQUIP. UG-23-UG-21 F/ANT. REGULAR & AUX ANT. CONN. 24 VDC RELAY. W/BNC CABLES. \$2.75
UG-21 ANTENNA CONN. \$7.75

ANTENNA CHANGE-OVER S.P.D.T FOR COAXIAL CABLE 28 VDC ROTARY ACTUATOR WAFFER, LOW-LOSS HIGH-POWER. GENERAL COMM. #2LN180RC-1 NEW \$3.95

SIZE: 4 1/2 x 3 x 2 1/2; WT: 1 LB. TYPE "N" CONN. CUT-OFFS 50% AN CONN. 7 CONTACT \$1.00

C-2193 ANTENNA SELECTOR; CONTAINS 4 SMALL RELAYS OPDT 24 VDC, 6/906 TRANSISTORS, 2 DIODES, 15 RES. 6 COND. PRINTED CIRCUIT BOARD. SIZE: 4x4x4; 2 LB. \$1.95

BATTERIES

BB-212 PLASTIC BATTERY NON-SPILLABLE, BALL INDICATOR 2 VOLT 40 A. 7x4x2 1/2; WT: 7 LBS. \$1.95

BB-208/AMT RADIO-SONDE DRY CHARGE BATTERIES, 4 IN A VACUUM PACKED CAN, ONE 6V 2 1/2 HR THRU 30 OHMS, 3 36V EA. 3A HR. THRU 1200 OHM EA. BATT. SIZE 1-5/16x29/32x4-5/32; WT. EA. BATT. 4 1/2 OZ. BATTERY PACK (4) \$1.95

N-T-6 PLASTIC STORAGE BATTERY DRY CHARGE, 6 VOLT 4 AMP, 3 1/2 x 2 1/2 x 2; 1 1/2 LB \$3.95

BB 54 WILLARD PLASTIC STORAGE BATTERY 2 VOLT 28 AMP. HOUR NON-SPILLABLE, BALL INDICATOR DRY CHARGE, ADD ELECTROLYTE SIZE 4x5x3; WT: 4 LB. \$2.95

AUTOTUNE HEAD FOR ATC/ART-13 TRANSMITTERS. MULTITURN UNIT WITH DIAL 0-100, KNOB, REVOLUTION COUNTER, LOCKING DEVICE FOR PRESETTING. CONTROL "B". COL#23518 PRICE: \$1.95

INDICATOR AZIMUTH SIGHTING ANGLE TYPE C-1A OPERATES 26 VOLT 400 CYC. TWO 3" INDICATORS #SYA3710 5 1/2 x 3 1/2 x 3; WT: 4 LBS. \$2.95

INDICATOR AMP. AM-5/APS-4 6 POTENTIOMETERS 2/6V6; 6SL7; 6J6 AND MANY OTHER USEFUL PARTS 4x5x7 1/2 WT. 5 LBS. PRICE: \$7.95

CONTROL BOX C-289A/APS-31 CONTAINS 5 DPST SWITCHES, 3 THREE POSITION WAFFER, ONE EACH 4 POS. WAFFER, 5 POS. WAFFER, VERNIER PILOT LIGHT, 2 1/2" SIMPSON METER PLUS POTENTIOMETERS AND OTHER PARTS. 9x5x13 WT. 13 LBS. \$8.95

COUNTER CHAFF DISPENSER CONTROL WITH 5 DIGIT DECLINING COUNTER 2 AT A TIME 24 VDC OPERATION ALSO 12 POSITION WAFFER SWITCH. LESS DIAL LIGHT ASSY & SW. 6x4 1/2 x 3; 2 LBS. \$1.50

FREQUENCY METER CAVITY TUNEABLE 2400 -3400 MC, AB ABSORPTION TYPE, W/DIGIT COUNTER, LESS CRYSTAL DIODE, W/CABLES. P/O TS-3 SIZE: 3 1/2 x 2; WT: 1 LB. #3F2747-3.2 \$2.95

COUNTER 24 VDC USED TO COUNT AMMUNITION RESERVE EACH PULSE SUBTRACTS 2 UNITS FROM COUNTER. MAX. COUNT 1000 2 1/2 x 1 1/2 x 2. \$1.00

MESSAGE REGISTER FOUR PLACE DIGITAL COUNTER CONNECTED TO 48VDC RELAY. 1 1/2 x 1 1/2 x 6 WT. \$1.50
PRICE: \$2.50 NEW
NICKEL CADMIUM BATTERY. 1.2V RECHARGEABLE BATTERY. OUTPUT APPROX. 4 AMP HR SIZE: 1 1/2 x 2 x 6 WT. 60z PRICE: \$2.50

RIGHT & LEFT ANGLE DRIVE SHAFT 3/16" SIDE 1/2 MALE & 1/2 FEMALE. 2 1/2 x 2 1/2 x 1 1/2 \$1.50
VERNIER DIAL 2 1/2" 100 TO 0 SCALE. TAKES 1/2" SHAFT. PRICE: \$1.50

1D-14/APN-1 RADIO ALTITUDE METER, 3" SCALE 0-6 MA MOVEMENT. CAN BE USED AS A BASIC METER MOVEMENT AND CHANGE SCALE AS DESIRED. PRICE: USED \$1.50



BC-347 AIRCRAFT INTERPHONE AMPLIFIER

Used in small planes for speaking. Has two output transformers Carbon microphone input & standard headset output. Requires 12 Or 24 volt & 250VDC. Uses 6P8G tube. Size 3x2x5. WT 3lbs. With tube \$1.95 Less tube \$1.25
BC-216 MICROPHONE AMPLIFIER

Aircraft type amplifier use tubes 1/39/44 & 1/6P7. Two carbon microphone inputs. Voltage required 12 volts & 150VDC 40 Ma. Size 8 1/2 x 6 1/2 x 2. WT. 3 lbs With tubes \$1.95 Less tubes \$1.

AMPLIFIER USED IN TANK FOR INTERPHONE. W/TWO 6V6 TUBES, LESS DYNAMOT OR. REQUIRES 250 VDC 50 MA. & FILAMENT VOLTAGE. SIZE: 9x9x3; WT: 10 LBS. BC-367 NO CASE F/12V \$1.95 BC-667 W/ " F/24V 2.95

BATTERY CHARGER FOR BB-51 & BB-52 BATTERIES. TRICKLE CH OPERATES FROM 6 OR 12 VOLT STORAGE BATTERY. HAS 2-3" METERS 0-100 DC VOLTS AND 0-30 & 0-300 DC MILLIAMPS SCALES. SIZE: 12x8 1/2 x 7; WT: 20 LBS. PRICE: \$14.95

3 DIGIT COUNTER SIZE: 3 1/2 x 1 x 1 SHAFT 1/2 x 1/2 #VR7604916 75¢

A-61 PHANTOM ANTENNA

MAGNESYN INDICATOR 3", 26 VOLTS 400 CYCLE OPERATION; 200-0-200 SCALE ILLUMINATED USED WITH APA-44 EQUIPMENT FOR INDICATION OF WIND IN KNOTS, N-S-E-W. SIZE: 3x3x3, WT 3/4 LB USED BENDIX#20004-64J-A1 \$1.00

PHANTOM ANTENNA

A-61 PHANTOM ANTENNA, USED WITH COMMAND TRANSMITTER AS A DUMMY LOAD, POWER RATING 50 WATTS, RES. 5 OHMS, 100MMF 5KV VAC. COND. 0-4 RF METER 7x5 1/2 x 2 1/2; WT: 4 LBS. USED \$4.95

TS-279 DUMMY ANTENNA LOAD

Three inch pyrex feed thru insulator, 1000 ohm 100 watt resistor with two test lead & clips. Cabinet size 13 x 6 x 4". Can be used for a chassis. Stock # TS-279 Price \$1.95

MINIMUM ORDER \$3.00

RE-1A/ARR-1
 ROTARY TYPE RELAY
 14 VOLT W/6 CONTA
 WAFER SW. 2/SO239
 & 2 BINDING POSTS
 SIZE 4x4x2; 1 1/2 LB
 \$1.00

WESTERN ELECTRIC
 POLAR RELAY
 D163119A (255A)
 SIZE: 6x2 1/2 x 2 1/2
 WT. 4 LBS.
 PRICE: \$2.50

VARIOGON PHASE
 SHIFTER CAPACITOR
 V-42. USED FOR
 ACCURATE MEAS-
 UREMENT OF TIME
 INTERVALS IN
 RADAR SYSTEMS. CAPACITY OF
 INPUT PLATE TO HOUSING 4.4
 MMF. CAPACITY OF OUTPUT PLATE
 TO HOUSING 15.6 MMF.
 CAPACITY VARIATION OF ONE
 INPUT TO OUTPUT PLATE 1.2-
 4.9 MMF. SIZE: 2 1/2 x 1 1/2
 WT. 1
 PRICE: \$4.95

MOTOR SPLIT FIELD
 REVERSEABLE, SER-
 IES WOUND. SHAFT
 SPEEDS, 5 R.P.M.
 200 R.P.M. 26VDC
 2 MICRO SWITCHES
 AND ON-OFF SWITCH. 6x4x4
 PRICE: \$5.95

FT-384 ADAPTER
 FOR TESTING
 BC-603
 BC-683
 Used \$2.95
 RE-NEW 4.95

60 MINUTE TIMER
 & 15 AMP.
 SWITCH & ALARM
 OPERATES FROM
 115V 60CYC.
 UNIT CONTAINS
 36 RPM TELE-
 CHROM MOTOR.
 SIZE: 3x3 1/2 x 3 1/2 WT. 1 LB.
 \$1.95

BK-22A
 RELAY CONTROL
 FOR RADIO COMPASS
 CONTROL BOX
 RATCHET MOTOR ASSY. THAT
 OPERATES 10 P.D.T. CONTACT
 ASSY MOUNTED TO BARRIER TER-
 MINAL STRIP, (MAKE 10, BREAK
 10) ALSO S.P.S.T. RELAY AND
 5 12 TERMINAL BARRIES STRIP
 OPERATES FROM 18 TO 30 V.D.
 SIZE: 12x2 1/2 x 6; WT. 8 LBS.
 PRICE: USED \$2.95

TAPE
 SOUND RECORDING TAPE
 TW-3U. 7" REEL WITH
 APPROX. 900 FT OF 2
 MIL TAPE. USED WITH
 RO-42 WT. 4.5 LBS.
 PRICE: \$4.95

CAPACITY TUNER
 WITH AUTO-
 TUNE
 160-211 MC
 1/2C26
 2/SO-239
 CONNECTORS
 7x5 1/2 x 5
 WT. 7 LBS.
 PRICE: \$2.50

PLUGS INTO REAR OF SET AND
 HAS METERING SWITCH AND JACK
 FOR ATTACHING METER FOR MEA-
 SURING VARIOUS VOLTAGES AND
 MAKING ALIGNMENT.
 COMPLETE W/6FT BATT. LEAD.

TIMER MOTOR
 SWITCHING
 ASSEMBLY
 4 R.P.M.
 S.P.D.T.
 MICROSWITCH
 VARIABLE
 TIMING CAMS FOR ACTUATING
 SWITCHES. #H9200.
 SIZE: 3x2 1/2 x 5 WT. 2 LBS.
 1 SW. 6V.....\$1.95
 2 SW. 28V.....2.50
 3 SW. 6V.....2.95
 4 SW. 6V.....3.50

STRATOPAX FOUR
 SECTION RELAY
 650-1242
 24VDC
 SECT. #1 4PDT
 " 2 4PDT
 " 3 4PDT
 " 4 6PDT
 SIZE: 3 1/2 x 4 1/2 x 7
 WT. 5 1/2 LBS. \$1.95

HARDWARE KIT
 CONTAINS 50 CLAMPS
 OF 5 TYPES, 20
 SCREWS OF 5 TYPE
 15 LOCKWASHERS.
 7 TERMINAL LUGS
 4 HEX NUTS, 18
 SPACERS.
 WT 5 LBS.
 RC-298 \$1.00

CONNECTOR PLUGS
 15 CONTACT
 SIZE: 2 1/2 x 1 1/2 x 1 1/2
 PER PAIR \$1.50 P-601
 34 CONTACTS
 30" CX2158/U
 SIZE: 2x2x2 1/2
 MRE-34H
 PER PAIR \$2.00
 14 CONTACTS
 30" CX 2157/U
 SIZE: 1 1/2 x 1 1/2 x 1 1/2
 PER PAIR \$1.50 MRE-14H
 18 CONTACTS
 2 1/2 x 2 1/2 x 1
 P-2802
 PER PAIR \$2.00

TELETYPE COUNTER
 ACTUATED BY 48VDC
 RELAY. FOUR PULSES
 OF RELAY CHANGES
 COUNTER ONE
 DIGIT. UNIT CON-
 TAINS 115V 60CYCLE MOTOR.
 MOTOR IS 60 RPM, TORQUE 6.6
 INCH OUNCES. 5 1/2 x 5 1/2 x 6
 10 LBS. PRICE \$9.95

115V TIMER
 MOTOR
 SWITCHING
 ASSEMBLY
 2 R.P.M.
 S.P.D.T.
 MICROSWITCH AND HEAVY DUTY
 CONTACTS. MAX. CLOSED TIME
 15 SEC. OPEN 15 SEC. WT. 4
 LBS. SIZE: 7x6x3 1/2
 PRICE: \$4.95

LANDING GEAR
 SWITCH ASSEMBLY,
 SINGLE POLE DOUB-
 LE THROW, PLUNGER
 TYPE, PLUNGER IS DEPRESSED
 OPENS ONE CONTACT, CLOSES
 OTHER, SPRING RETURN.
 SIZE 3x2 1/2 x 1 1/2, PLUNGER 2 1/2.
 WT: 8 OZ. PRICE: \$1.50

DETONATOR
 IMPACT
 SWITCH WITH
 TWO MICRO
 SWITCHES THAT
 MAKE CONTACT
 WHEN THE UNIT
 IS JARRED.
 USED IN PLANES TO DETONATE
 BOMBS WHEN WRECKED. 5x4x4
 WT. 1 1/2 LB. #BC-706 \$0.50

SW-225 CHANGEVER
 SWITCH. 3PDT
 HEAVY DUTY. SIZE:
 8x7x4 WT. 7 LBS.
 PRICE: \$1.95

ANTENNA SWITCH IN
 UNIT SA-649/USD
 CONTINUOUS SWITCH-
 ING OF TWO AN-
 TENNAS TO A REC-
 EIVER AT 600 CPS
 USED TO REDUCE
 FADING OF SIGNAL
 UNIT REQUIRES 26.5VDC. TUBES
 INCLUDED 2/6BC4; 2/JG-6111.
 SIZE: 3 1/2 x 3 1/2 x 5 1/2 WT. 2 LBS.
 PRICE: \$3.95

115V TIMER MOTOR
 WITH ADJUSTABLE
 CAMS TO CONTROL
 ACTION OF MICRO
 SWITCHES. TWO
 S.P.D.T. MICRO-
 SWITCHES. MOTOR IS REVERS-
 IABLE 60CYC 2RPM. WT. 2 LBS
 SIZE: 3 1/2 x 3 1/2 x 2
 PRICE: \$3.95

ART-13 KEYING
 RELAY AND VACU-
 UUM SWITCH
 3 CONT. SPST
 NORMALLY OPEN
 1 CONT. SPST
 NORMALLY CLOS-
 ED.
 VACUUM SWITCH
 2 SPDT & 1
 SPDT.
 OPERATING VOLT-
 28VDC. TWO COILS EA. 27OHMS
 SERIES. SIZE: 3x4x5 WT. 2 LB
 STK #227595-7
 PRICE: \$8.95 NEW

SIGNAL LIGHT NAF# 1171-2
 26 VOLT DC SEALED
 BEAM WITH FOUR FIL-
 TERS, RED, GREEN,
 AND AMBER. TRIGGER
 SIGNALLING OR CONSTANT
 AS A SPOT LIGHT. WITH 10FT
 RUBBER CORD, MOUNTING BRACK-
 ET AND FIBER CARRYING CASE.
 SIZE 6x8; WT. 8 LB
 UNUSED: \$4.95

TA-211/GR INTERCOM
 MUNICATION MONITOR
 STATION. THREE LEV-
 ER SWITCHES CONTROL
 RECEPTION OF EITHER
 OF TWO RECEIVERS OR
 BOTH WHEN CONNECTED
 THROUGH JACKS. JACKS FOR
 MIKE, TWO PHONES OR RECORDER
 INPUT FOR TWO RECEIVERS. RE-
 CEPTICAL FOR CONNECTION INTO
 EXTERNAL CIRCUIT.
 SIZE: 7 1/2 x 5 x 2 1/2 WT. 3 LBS.
 PRICE: \$4.95 NEW

BATTERY HOLDER
 FOR TWO TYPE D
 CELLS, SAME
 AS USED IN
 MOST FLASH
 LIGHTS.
 USED FOR
 LIGHTING INSTRUMENT PANELS
 D45200 WITH SWITCH & CORD
 & PLUG. \$.59
 M-33 WITH SWITCH ON RHEOS-
 TAT AND GRAIN OF WHEAT
 LAMP ON CORD. \$1.00

25 HY 35 MA DC
 1070 MV
 2x3x2, 2LBS
 GE#7415231
 \$.79

"A" CHOKE
 1 HY 1 AMP
 .7 OHM
 2 1/2 x 2 1/2 x 3 1/2 LB
 STK #RM-13331
 \$1.25

20HY @ 20MA
 5HY @ 450MA
 50 OHMS
 3 1/2 x 4 1/2 x 5 1/2 WT 14LB
 GILFILLAN BROS.
 #23483
 SWINGING CHOKE
 \$4.95

10 HY 150MA
 210 OHMS
 WT. 4 1/2 LBS.
 SIZE: 2 1/2 x 5 x 2 1/2
 #217386-1
 \$1.75

10 HY 375MA
 100 OHMS
 4 1/2 x 4 x 6 1/2 WT. 13
 #L217210-1
 PRICE: \$4.95

10 HY 500 MA
 45 OHM
 4 1/2 x 5 1/2 x 5 1/2; 28 LB
 #L-53601
 PRICE: \$6.95

8 HY 450 MA
 THORD#T4473
 P/O BC-303 TRANS
 5 1/2 x 4 1/2 x 5 1/2; 18 LBS
 STK#344622.1
 \$6.95

8HY 300 MA
 RESISTANCE 90 OHM
 OIL FILLED
 WT. 7.5 LBS.
 SIZE: 8x3 1/2 x 4 1/2
 3340-310-190-043
 \$5.95

TRANSFORMERS & CHOKES
 SEE PAGES 12 & 13

1.25 HY @ 1.23 ADC
 PWV 1070
 TF1A04LB
 6 1/2 x 5 1/2 x 4 1/2; WT: 21 LBS
 \$5.95

3.5 HY 500 MA
 30 OHMS
 715 V WV
 4x5 1/2 x 3 1/2; 10 LBS.
 TK1A04KA/A8694
 \$3.50

5 HY @ 400 MA
 50 OHMS,
 P.W.V. 1070
 4x4 1/2 x 6 1/2; 14 LBS.
 #352-1746
 \$3.95

8 HY 150 MA
 100 OHMS
 MAX. W. V. 715
 3x4 1/2 x 2 1/2; 5 LBS.
 # TF1A04HA
 \$1.95

8 HY 250 MA
 RES. 100 OHMS
 SIZE: 4x4 1/2 x 6
 WT. 13 LBS.
 5950-646-0775
 \$4.95

CURRENT TRANSFORM
 RATIO 150-5 AMPS.
 25 TO 60 CYCLES
 WEST. TYPE KO
 STYLE 651911-B
 5 1/2 x 6 1/2 x 5; WT: 10LB
 \$2.95

PRI: 115V 60 CYC.
 SEC: 840V CT 255MA
 5V @ 4A
 12.6V CT 13A
 SIZE: 4 1/2 x 4 x 6 1/2
 WT. 16 LBS.
 #223959
 PRICE: \$7.95

PRI: 115 V 60 CY
 SEC: 880CT 260 MA
 SIZE: 4 1/2 x 5 1/2 x 4 10LB
 STK#7629825
 PRICE: \$4.95

PRI: 110/115/120
 60 CYC
 SEC: 1000V CT @
 400MA
 500V CT @
 60MA
 SIZE: 5 1/2 x 4 1/2 x 7 1/2
 WT. 23 LBS.
 # 5950-645-8894
 PRICE: \$8.95

PRI: 120/240
 SEC: 2.5 @ 3 A
 10.2" 5 A
 6.6 @ 10 A
 420-470 @.450
 347 @.03
 15 @.02
 6.4 @ 10A
 6 1/2 x 6 1/2 x 5 1/2; 39 LB

No. 279623.3
 \$4.95

PRI: 115V 60CYC
 SEC: 2000V 5MA
 2.5V 5A
 SIZE: 3x3 1/2 x 5 1/2
 WT. 5 1/2 LBS.
 #7629827
 \$2.95

PRI: 107-127V
 SEC: 50-60 CYC.
 SEC: 160-200V @
 700 MA.
 THROUGH 16
 TAPS.
 SIZE: 4 1/2 x 3 1/2 x 5 1/2
 WT. 13 LBS.
 #279613.148
 \$2.50

PRI: 115V 60CYC
 SEC: 2000V CT @
 500MA
 SIZE: 5x5 1/2 x 7 1/2
 WT. 30 LBS.
 5950-581-5204
 \$16.95

ISOLATION TRANS.
 PRI: 115V 60CYC.
 SEC: 115V .35A
 3x3 1/2 x 5 1/2 WT. 6 1/2 LBS.
 #8260351
 \$1.50

PARTS BONNAZA



PLUG IN TUNING UNITS USED WITH BC-191/BC-375 TRANSMITTER. THESE UNITS CONTAIN MANY PARTS THAT CAN BE USED BY SCHOOLS, LABORATORIES, HAMS, OR EXPERIMENTERS. LISTED BELOW ARE THE VARIOUS TUNING UNITS WITH FREQUENCY COVERAGE, AND PARTS LIST. ALL UNITS INCLUDE CABINET, KNOBS, HANDLES, BRACKETS, AND OTHER PARTS. THE NEW TUNING UNITS ALSO INCLUDE THE OUTER CASE.

Size: 17x9x7 $\frac{1}{2}$ WT: 13 LBS.

TU-5B 1500-3000KC

M-O tank inductance
M-O band change switch
Antenna coupling switch
P-A band change switch
Capacitors, as follows:
3/0.0001 mfd 3000 volt
0.00003 mfd 2000 volts
2/0.0004 mfd 5000 volts
3/0.00009mfd 3000 volts
Var. 8-26mmf, 20-135mmf
20-156mmf
Antenna coupling coil
P-A grid choke coil
M-O grid choke coil
P-A tank inductance
Res. 15 ohms, 4.5 watts
2 $\frac{1}{2}$ " vernier dial
Right angle drive
New \$6.95

TU-6B 3000-4500KC

M-O tank inductance
P-A tank inductance
P-A grid choke coil
M-O grid choke coil
Antenna coupling coil
M-O band change switch
P-A band change switch
Antenna coupling switch
Capacitors, as follows
2/0.00005mfd 3000 volt
2/0.0004mfd 5000 volts
Variable cap. 19-116
mmf, 8-26mmf, 15-77mmf
M-O tuning compensator
Res. 15 ohm, 4.5 watts
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$5.95 Used \$3.95

TU-7-B 4500-6200KC

M-O tank inductance
P-A tank inductance
Antenna coupling switch
Antenna coupling coil
P-A grid choke coil
M-O grid choke coil
Cap. as follows:
2/0.0004mfd 5000 volts
Var. Cap. 8-26 mmf,
23-111mmf, 19-116mmf
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$5.95 Used \$3.95

BC-306 ANTENNA TUNING UNIT

200-500 KC
VARIOMETER COIL
VARIOMETER DIAL
ANTENNA COUPLING SWITCH
INSULATORS
NEW \$4.95, USED

TU-8-B 6200-7700KC

M-O tank inductance
M-O grid choke coil
P-A grid choke coil
P-A tank inductance
Antenna coupling coil
Antenna coupling switch
Cap. 2/0.0004mfd 5000v
Var. Cap. 14-66mmf,
8-26mmf, 15-81mmf
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$5.95 Used \$3.95

TU-9-B 7700-10,000KC

M-O tank inductance
M-O grid choke coil
P-A grid choke coil
P-A tank inductance
Antenna coupling coil
Antenna coupling switch
Cap. 3/0.0004mfd 5000v
Var. Cap. 19-116mmf,
8-26mmf, 15-77mmf
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$4.95 Used \$3.95

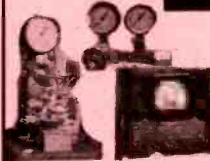
TU-10-B 10,000-12,500KC

M-O tank inductance
M-O grid choke coil
P-A tank inductance
P-A grid choke coil
Ant. coupling coil
Ant. coupling switch
M-O choke coil
Cap. 3/0.0004mfd 5000v
Var. cap. 14-62mmf,
19-116mmf, 8-26mmf
2 $\frac{1}{2}$ " vernier dial
Right angle drive
New \$4.95 Used \$3.95

TU-26-B 200-500KC

M-O tank variometer
M-O plate coil
M-O grid choke coil
P-A tank variometer
P-A grid choke coil
M-O band change switch
Antenna Coupling switch
Antenna coupling coil
Capacitors, as follows
3/0.0004mfd 3000v
2/0.0005mfd 5000v
2/0.004mfd 5000v
2/0.0035mfd 5000v
0.002mfd 5000v
0.0005mfd 3000v
0.0007mfd 3000v
12mmf, 35mmf
Var. cap. 8-26mmf
Res. 15 ohm 4.5 watts
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$4.95 Used \$3.95

VAPOR DETECTOR



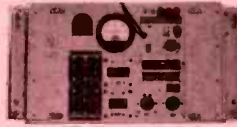
WATER VAPOR DETECTOR 128; CONSISTS OF VALVING ASSY. WITH 2 $\frac{1}{2}$ " 3000 LB. PER. SQ. IN. GAUGE CONNECTED TO A BRASS BLOCK WITH 3 VALVES COPPER TUBING CONNECTS TO SATURATOR BOTTLE AND ANOTHER BLOCK WITH VALVE WHICH

ONE OUTLET CONNECTS TO A ELECTRIC AMPLIFIER THRU DETECTOR ELECTRODE AND THE OTHER OUTLET TO A GAS PRESURE REGULATOR. THE ELECTRIC AMPLIFIER IS HOUSED IN METAL CASE WITH 3" METER 50 MICRO-AMP. WITH TUBES 1/1G6GT & 1/1G4GT IN A OSCILLATOR CIRCUIT, BALANCED BRIDGE TYPE, ANY ELECTRIC UNBALANCE IS INDICATED ON THE METER, ADJUSTING CONTROLS ON PANEL, REQUIRES 67 $\frac{1}{2}$ & 1.5 VOLTS D.C. FOR OPERATION. GAS PRESSURE REGULATORS ARE STD. WITH 2" METERS. EQUIPMENT IS USED TO DETERMINE THE AMT OF WATER VAPOR IN THE GAS TO BE TESTED WITH A REF. GAS AS THE STANDARD. CARRING CASE 14x16x10 $\frac{1}{2}$; WT: 60 PRICE: USED \$14.95

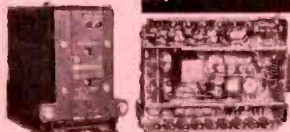
RELAY TEST SET

USED \$16.95
RE-COND. 21.95

1-193 RELAY TEST SET: USED FOR TESTING 255, 255A, D-163119A, D-164 816A POLAR RELAYS ETC. FOR BIAS AND SENSITIVITY. THE ELECTRICAL CHARACTERISTICS ARE DETERMINED BY THE DEFLECTIONS OF THE METER. ALSO CONTAINS CIRCUIT FOR SENDING PULSES FOR TESTING EXTERNAL TELEGRAPH CIRCUITS AND A 10-20 CYCLE OSCILLATOR FOR TESTING AND LINE-UP PURPOSES. OPERATES FROM 115/130 VDC 10 WATTS. (RA-87 RECTIFIER SHOWN ON PAGE 8 OF THIS CATALOG WILL OPERATE THIS EQUIPMENT) SHIPPED IN WOOD CHEST 24X12X13; WT: 75 LBS.



A.F.C. UNIT



AUTOMATIC FREQ. CONTROL UNIT No. 600671; USED WITH FIRE CONTROL SYSTEM WITH 16 TUBES 2/5829, 11/5703, 2/5702 & 1/5784, DPDT SIGMA RELAY THAT WILL OPERATE FROM 14 VDC @ 2.8 MA, SLUG TUNED COILS, RESISTORS, COND. ETC. (SORRY DO NOT KNOW FREQ. NO SCHEMATIC) SIZE: 4x8x6; WT: 5LBS. PRICE USED \$3.95

OSCILLOSCOPE

TS-34/AP OSCILLOSCOPE; 2" DIA. SCREEN, START-STOP SAW TOOTH SWEEP INCL DEFLECTION SENSITIVITY 0.22 MM PER V. DC VERTICAL, 0.26 MM HORIZ. FREQ. RANGE START STOP DURA. 4 $\frac{1}{2}$ -8, 20, 50, 120-280 u SEC. SAWTOOTH -280 u SEC. SAWTOOTH FREQ. FREQ. 50,000 IN STEPS TO 10 CPS. OPERATING POWER 115 v 50-1200 cyc. SIZE: 9 $\frac{1}{2}$ x29x12 $\frac{1}{2}$; WT: 40 LBS. USED \$39.50



VERNIER TIMER

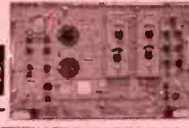


VERNIER SET ATC TIMER WITH 15 MINUTE TIMING PERIOD. SYNCHRONOUS MOTOR OPERATES FROM 230 v 60 CYC AND HAS SPDT CONTACTS FOR CONTROL OF INDUSTRIAL EQUIPMENT. SIZE: 6 $\frac{1}{2}$ x5 $\frac{1}{2}$ x3 $\frac{1}{2}$ WT. 5 LBS. PRICE: \$9.95 NEW

WAVE METER

SCOPE OSCILLATOR

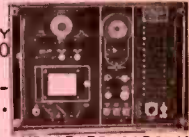
AN/UPM-1 WAVEMETER-OSCILLATOR-SCOPE RADAR TEST UNIT FOR 155-235MC AND 460-570MC CONTAINS PULSE AND SWEEP GENERATORS VIDEO AMP. 3" OSCILLOSCOPE, TWO WAVEMETER TWO OSCILLATORS, POWER REQUIREMENTS: 80, 115, OR 230 VOLTS AC. 60-1000 CYCLES. SIZE: 30x21x24; WT. 15CLBS. USED \$79.95
ANTENNA FOR AN/UPM-1 SIZE: 21x12 WT. 11 LBS. USED \$9.95



SIGNAL GENERATOR

used \$22.95

BC-1277 SIGNAL GENERATOR; 2400 TO 3400 MC. TUNED CAVITY DIGIT COUNTER DIVISIONS 30/60 MC. 0-50 D.C 3 $\frac{1}{2}$ " MICROAMP. METER FOR MEASURING THE VOLTAGES OF THE VARIOUS CIRCUITS. ATTENUATOR, SYNC. AMP., STD. SIGNAL SHAPE AND CAL. SIGNAL AMPLIFIER CIRCUIT OPERATES FROM 115 V. 50-1200 CYCLE. WITH TUBES 3/VR-150, 4/6AC7, 2/VR-105, 2/6Y6, 2/6SF5, 1/6L7, 1/6L6, 1/707A, 1/6X5 & 1/5T4. USED FOR TESTING RADAR. SIZE IN WOOD CHEST 22x17x17; WT: 100 LB

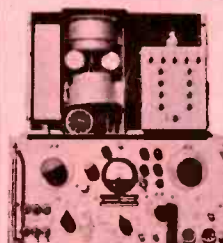


ATTENUATORS

MX-1309/URM-23 POWER MEASURING; KIT OF WAVEGUIDE ATTENUATORS, ADAPTER, BALOMETER, CABLE & CHART, 1000 TO 4000 MC.
ATTENUATOR CN-110/U 10 DB
" CN-111/U 20 DB(2rc)
" CN-168/U 3 DB
" CN-169/U 6 DB
RF BALOMETER DT-76/U, "N" CON
ADAPTER CONN. UG-402/U
COAXIAL CABLE CG-92B/U, W/UG-21 EA. END. METAL CARRING CASE, FITTED, SIZE 19x5x14; WT: 32 LBS. COMPLETE SET \$14.95

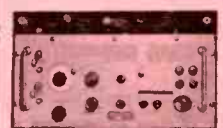


PULSE GENERATOR



AN/UPM-19 RADAR TEST SET CONSISTS OF SG-76 PULSE GENERATOR THAT COVERS THE FREQ. OF 2650-2950 MC. VARIABLE FREQ. AND R.F. OSCILLATOR CONTROLS BCN CONN. REQ. FOR R.F IN, R.F OUT, VIDEO PULSE AND SYNC. OUT JACKS. 2 $\frac{1}{2}$ " R.F. CAL. POWER METER 25 VDC VIBRATOR POWER PACK. ABOVE IS CONTAINED IN CASE # 1 OF 2. CASE 2 OF 2 CONTAINS, 2 ANTENNAS, CONTROL BOX, LITE INDICATOR BOX, PLUGS AND CABLES. ALUMINUM CARRING CASE SIZES 16 $\frac{1}{2}$ x8x14 AND 14x10x10; SHPG. WT: 80 LBS. PRICE: USED \$39.50

CALIBRATOR



TS-102B/AP CALIBRATOR: RANGE CALIBRATOR PORTABLE PULSE GENERATOR WITH REPETITION FREQ. OF 400, 800, 1600, 2000 & 4000, MARKER AND SYNCHRONIZING PULSE, VARIABLE DELAY LINE PHASE ADJUSTMENT. OPERATES FROM 115 V. 50-1000 CYCLE WITH TUBES 2/6X4W, 3/6AG7 6/5814. 2/UG273/U CONN. 4/CABLES W/UG-88R/U SIZE: 16x10x11; WT: 28 LBS. UNUSUED \$18.95

RADIO COMPASS



RA 101A/ARN-6 RADIO COMPASS WITH A FREQUENCY RANGE OF 100-1750 Kc 1 FOUR BANDS. COMPLETE WITH TUBES 6/12SK7; 4/12SX7; 1/12SY7; 1/12SN7/2/26A7; 2/2050. OPERATES FROM 26.5VDC. WT. 35LBS. SIZE: 11 $\frac{1}{2}$ x7 $\frac{1}{2}$ x15 $\frac{1}{2}$ PRICE: \$39.50

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS. OPERATES FROM 26 VOLTS 400 CYC. SIZE: 10x11x5 WT. 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95 MANUAL FOR RA 101A/ARN-6.....\$5.00



EQUIPMENT RACK

ELECTRICAL EQUIPMENT RACK. USEABLE PANEL HEIGHT 58", WIDTH IS STANDARD 19". UNIT HAS ONE ROLL-OUT SHELF, FOUR ADJUSTABLE SHELVES, AND ELECTRICAL JUNCTION BOX. LIGHTS IN TOP SECTION OF UNIT ILLUMINATE FRONT OF PANELS. EIGHT WHEELS PROVIDE MOBILITY FOR RACK. DROP DOWN SECTION ON ROLL-OUT SHELF. WEIGHT: 160 LBS. SIZE: 72x21x20. PRICE: \$30.00



REGULATED POWER SUPPLY

KEPCO KR6M REGULATED DC POWER SUPPLY, DC OUTPUT 195 TO 325 VOLTS, 600 MA, REGULATION .1% AC FILAMENT OUTPUTS, INPUT 100 TO 125 VOLTS 60 CYCLE.
 SIZE: 10x19x13 FOR RACK MGT. SHPG. WT: 100
 PRICE: USED \$60.00

POWER SUPPLY

LAMBDA POWER SUPPLY INPUT 105-125 VOLTS 50-60 CYCLE, 250 W OUTPUT 6.3 VOLTS CT 6 AMPS. 0-500 VOLTS DC 200 MA. DC VOLT METER, DC MILLIAMMETER 2 1/2" FOR STANDARD 19" RACK MOUNTING. COMPLETE WITH TUBES 2/5R4. SIZE: 10x17x6 1/2 WT. 40 LBS.
 \$49.50

RECTIFIER

RA-43-B RECTIFIER TUBE TYPE OUTPUT 115v 525w DC; INPUT 95-125v, 50-60cyc AC. PROVIDES POWER FOR 1 TO 3 SWITCHBOARDS. REQUIRES 2/6F6 INCL AND TWO C6J, NOT INCL. WT. 165 LBS. SIZE: 22x17x10
 PRICE: \$24.95 USED

TS-147D/UP STRIPPED WITH 2 1/2" MILLIWATT METER, FUSE HOLDERS, SWITCHES, POTENTIOMETERS, AND POWER SUPPLY 300v 36ma, 6.3v 1.25a, 5.0v 2a, 6.3v 1.7a. COMPLETE WITH TUBES: 5R4, 6Y6, 6SH7, 2K25, 2/0B2, 2/6SL7. SIZE: 18x12x11; WT: 35 LBS.
 USED WITH CASE AND METER.... \$14.95
 USED WITH CASE NO METER..... \$11.95

400 CYC. SUPPLY

SCOPE POWER SUPPLY 110 VOLT 380-420 CYCLE INPUT, OUTPUT APPROX. 1800 VOLTS 1.5 MA. WITH TRANSFORMER, 2/CONDENSER .1 4000 VDC, 1/1Z2 TUBE, TERMINAL STRIP RESISTORS ETC. SIZE: 6x7x5; WT: 5 LBS.
 GE ASSY#7603055 \$2.95

PP-11/APS-10 POWER SUPPLY AS USED IN THE APS-10 RADAR SET. OPERATES FROM 115 VOLTS 400 cyc & 24 vdc FOR FILAMENTS, SUPPLIES 4000 VDC 105 vdc & 300 vdc. WITH TUBES 6X5 VR-105, 5R4, 6Y6, 6SH7, 2X2. SHOCK MOUNTED CHASSIS, SIZE: 9x11x13; WT: 21 LBS
 PRICE: USED \$4.95 NEW \$6.95

WIRE RECORDER

IC/VRW-7 WIRE RECORDER 3" REEL 0.006 DIA. WIRE. ONE INPUT CHANNEL, 600 OHM IMPERANCE, 290 RPM RECORDING SPEED. FREQUENCY RESPONSE 300-3500 CPS. OPERATES FROM 28 VDC. COMPLETE WITH TUBES 2/28D7, MX 303A/ANG-1 WITH WIRE FOR 60 MINUTES. FRONT CONTROLS FOR VOLUME INPUTS FOR MIKE AND RECEIVER, CUTUPS FOR TWO HEADPHONES, AND AN ON/OFF SWITCH. (THIS IS A RECORDER ONLY)
 SIZE: 12x7x6 1/2; WT. 16 LBS.
 PRICE: \$9.95 USED

MIRROR-MATIC

AUTOMOBILE REAR VIEW MIRROR: AUTOMATICALLY CHANGES ANGLE OF MIRROR WHEN HEADLIGHTS OF CAR IN THE REAR STRIKES MIRROR. OPERATES 12 VOLTS D-C WITH PHOTO-CELL, 1/12X5 TUBE, SPST RELAY, RELAY THAT FLIPS MIRROR AND SENSITIVITY CONTROLS. CAN ALSO BE OPERATED BY A FLASHLIGHT OR OTHER LIGHT SOURCE.
 SIZE: 10x2x2 1/2; WT: 3 LBS. PRICE: \$3.95

R.F. TUNER

TN-329/SRT RADIO FREQUENCY TUNER, USED FOR LOADING ANTENNA CIRCUIT CONSISTS OF 4 VARIABLE INDUCTANCE COILS TWO FOR FREQ. 6-15mc, ONE 2-6 MC & ONE AUTOTRANSFORMER TYPE FOR BOTH RANGES OF FREQ ALSO 4 VERNEIR TYPE DIALS 2" PHASTRON METERS 2 1/2" RUGGEIZED 0-1 MA. D.C & 0-300 MA. D.C FOUR HIGH VOLTAGE VACUUM JENNINGS W-6, W-10, W-15 & W-125, RATCHET TYPE SWITCHING ASSY WITH 2 DECM ROTARY CERMAIC WAFERS. (NO COVER WITH UNIT.) SIZE: 11x12x14; WT: 25 LBS. \$39.95

TELETYPE TESTER

TS-2/TG TELETYPE SIGNAL DISTORTION TEST SET CAPABLE OF SENDING NORMAL OR DISTORTED SIGNALS FOR TESTING MARGINS OF START/STOP MECHANISMS AND TESTING EFFICIENCY OF THE SELECTOR UNITS.
 SIZE 18x13x14; WT: 90 LBS. USED \$75.00

RADAR TEST SET

1-242 RADAR TEST SET DESIGNED TO FURNISH A COMPARATIVE INDICATION OF TRANSMITTER OUTPUT AND MEASURE PULSE RECURRENCE RATE. CONSISTS OF DUMMY LOAD WITH 3" METER 0-50 MA WITH 0-100 SCALE. UNUSED
 SIZE 8x10x11; 14 LBS \$8.95

15,000 VOLT TESTER

HIGH VOLTAGE D.C. INSULATION TESTER; 115 VOLT 60 CYC. & 28 VOLT D.C. INPUT, OUTPUT 15,000 VOLTS VARIABLE, 100/500 MICRO-AMPS. POWERSTAT VARIABLE TRANS. 3 AMP. 3" METERS, 0-100/1000 MICRO AMP. 0-2/20 KILOVOLTS.
 SIZE: 8 1/2x12x16 1/2 WT. 42 LBS.
 USED \$34.95

PUMP TEST

DESICCATOR PUMP TEST FIXTURE: CONSISTS OF AIR FLO-SCOPE INDICATOR WITH 4" MAGNEHELIC METER 0-8 INCHES OF WATER AND PRESSURE CONTROL VALVE ALSO TWO 3" SQUARE METERS 0-50 VDC 500 OHMS PER VOLT AND 0-5 AMP METER, RHEOSTAT, SW, PILOT LIGHT ETC. UNIT IS HOUSED IN METAL CARRING CASE 21x13x6; WT: 25 LBS.
 PRICE: USED \$14.95

CONTROL BOX

C-847/U CONTROL BOX FOR AN/VRC-19. CONTROL BOX CONTAINS 2 PILOT LIGHTS, MOMENTARY SPEAKER CONTROL SQUELCH CONTROL, FREQUENCY CONTROL, AND EXPLOSION PROOF SPEAKER. WHOLE UNIT IS WEATHER-PROOF. SCHEMATIC IS INCLUDED. WT. 6 LBS. SIZE: 9x5 1/2x3 1/2.
 PRICE: \$8.95 USED
 U-77/U CONNECTOR PLUG FOR HANDSET USED \$1.00

RECEIVER

ARN-5D GLIDE PATH RECEIVERS USED IN AIRCRAFT TO RECEIVE A MODULATED SIGNAL 90 & 150 CYC. ON 332.6, 333.8 MC. OPERATES FROM 24 VDC. COMPLETE WITH TUBES 7/6A5, 2/12SN7, 1/28D7. SIZE: 5 1/2x6 1/2x11; WT. 12 LBS. CRYSTALS NOT INCLUDED
 PRICE: USED, R-89/ARN-5 \$5.95
 R-268/ARN-5 \$6.95
 R-430/ARN-5 \$5.95

AMPLIFIER

AN-142/AIC MIXER AMP. USED IN LARGE AIRCRAFT INTERCOMMUNICATION SYS AS A AUDIO LINE BOOSTER AND MIXER. INPUT IMPEDANCE 500 OHM, OUTPUT 600 OHM. OPERATES FROM 24 V.D.C. AND IS COMPLETE WITH ONE 26A7 TUBE AND SCHEMATIC.
 SIZE: 5x5x2; WT: 2 1/2 LBS. USED \$1.50

MOBILE EQUIPMENT

MOTOROLA TRANSMITTER FMT-25V 30-40 MC. F.M. CRYSTAL CONTROL SINGLE CHANNEL, 25 WATT, 6 VOLT POWER SUPPLY WITH TUBES 3/7C7, 2/7A8, 1/RK391807, 1/6V6. SIZE 15x9x9 1/2; 30L PRICE: WITH COVER \$14.95 (USED) LESS " 9.95

MOTOROLA TRANSMITTER FMTU30D 152-172 MC. F.M. 6 VOLT DYNAMOTOR SUPPLY, CRYSTAL CONTROL, 25 WATT, WITH TUBES 3/7C5, 2/7A8, 1/7C7, 3/2E24. SIZE: 15x9x9 1/2; WT: 30 LBS. LESS CRYSTALS, USED PRICE: W/TUBES & COVER \$19.95; L/COVER \$15.00

PHILCO TRANSMITTERS PRT150GT 154-172 MC. FM. 30 WATT, 6 VOLT DYNAMOTOR P.S. CRYSTAL CONTROL SINGLE CHANNEL TUBES, 2/3A4, 1/9003, 1/6B6, 2/2E24, 1/6C4, & 1/2E30. USED COND SIZE: 15x10x8; WT: 35 LBS. PRICE: W/TUBES, L/CRYS. \$14.95

PHILCO RECEIVER PRT72G 70-80 MC.F.M 6 VOLT VIBRATOR POWER SUPPLY, CRYSTAL CONTROL SQUELCH CIRCUIT, WITH TUBES 3/6B6, 3/6A5, 2/6A06, 1/6C4, 1/7F7 & 1/7A8. USED LESS CRYST. SIZE: 15x10x8; WT: 30 LBS. \$14.95

LINK 152 TO 172 MC. F.M. 6 OR 12 VOLT \$59.50

COMMERCIAL TYPE MOBILE COMMUNICATION RADIO SET MFG. BY LINK. TRANSMITTER #1906 50 WATT USING 2/2E26 TUBES DRIVING 829 IN THE FINAL ALSO 1/7AG7, 1/7F7 & 1/7W7 TUBES. WITH 12 VOLT DYNAMOTOR POWER SUPPLY. RECEIVER #1905 SELECTIVE DOUBLE CONVERSION WITH SQUELCH CIRCUIT & 2/7A6, 7/7AG7, 1/7F7, 1/7B5 & 2/6A5 WITH 12 VOLT VIBRATOR POWER SUPPLY. BOTH UNITS ARE CRYSTAL CONTROL PHASE MODULATED 15 KC. UNITS HAVE RECENTLY BEEN REMOVED FROM CARS AND HAVE TUBES, CONTROL BOXES, CABLES WITH PLUGS (THAT MAY HAVE TO BE SPLICED) ETC.
 PRICE, AS DESCRIBED \$59.50

R-316/ARR-26 RECEIVER 162.25 - 173.5 MC. FM DESIGNED TO RECEIVE SONOBOUY SIGNALS ON 16 PRE-SET CHANNELS. WITH TUBES 1/6J6, 2/6A5, 1/6AS7, 1/6A6, 1/12AU7, 1/12AV7 & 7/6A5. NO POWER SUPPLY, REQUIRES 280 VDC @ APPROX. 125 MA. AND FILAMENT VOLTAGES. OUTPUT OF THE SET USES A 12AU7 IN A CATHODE FOLLOWER CIRCUIT WHICH IS SUFFICIENT FOR HEAD SET. (SCHEMATIC AND CONVERSION INFORMATION FOR 145-175 MC SUPPLIED WILL INCLUDE ADDITION OF AUDIO, SQUELCH AND 115 VOLT 60 CYCLE POWER SUPPLY CIRCUITS.)
 SIZE 5x8x17; WT: 13 LBS. PRICE: USED \$22.95

R-74/CRW-2 RECEIVER

HIGH FREQUENCY FOR REMOTE CONTROL USE IN THE 53-88MC BAND ON PRESELECTED CHANNEL SINGLE FIXED FREQ. COMPLETE WITH TUBES: 1/6SG7; 1/6J5; 3/6SL7; 1/6SN7 & 24 VOLT DYNAMOTOR
 SIZE: 6x8x10 WT: 13 LBS.
 PRICE: RE-NEW \$4.95

GIBSON GIRL

GIBSON GIRL TRANSMITTER ASSEMBLY 500 KC. SINGLE CHANNEL, CONSISTS OF TRANSMITTER SECTION OF THE SCR-578/BC-778 EQUIPMENT, USES 1/12SC7 & 1/12A6 TUBES. W/ GOLD PLATED VARIABLE CONDENSER 20 TO 245 MMFD. COILS, COND, RESISTOR TRANSF. SOCKETS ETC. REQUIRES 24 VOLT FOR FILAMENTS (CAN BE REWIRED FOR 12) AND 300 VDC 25 MA. FOR HIGH VOLTAGE. SCHEMATIC SUPPLIED. (CRANK GENERATOR AND GEAR TRAIN LISTED PAGE 8) SIZE: 6 1/2x7x3; WT: 3 LBS. NO TUBES, PRICE \$2.95

S.O.S CODER WHEEL WITH GEAR TRAIN, SWITCHING ASSY, RELAY, PILOT LIGHT ASSYS, ETC. FOR ABOVE TRANSMITTER. PRICE: \$1.00



GENERATOR (ANGLE TRANSMISSION) ROTOR 2 PHASE 24 VOLT, STATOR 2 PHASE 20.6 VOLT 400 CYCLE. PART#BGC-15-DS-10; SIZE 1 1/2x2 1/2 (CLIFTON) \$2.95

RESOLVER TRANSMISSION GENERATOR, JOHN OSTER TYPE 15-4042-06, DWG.#C45 \$2.95

TRANSMISSION GENERATOR MFG. ARMA, TYPE 03TG-400X1, DWG#93054 \$2.95

RESOLVER MFG. BY ARMA, TYPE 03X1-400 DWG.#93001. \$2.95

RESOLVER MFG. BY CLIFTON PART#BSC-15DS ROTOR 2 PHASE 0.5-16 VOLT, STATOR 0.5-16 VOLT 400 C CYCLE. \$2.95

GENERATOR INDUCTION, 24 VOLT 400 CYCLE EASTERN AIR DEVICES#J2GM07-40 \$2.95

RESOLVER BY OSTER TYPE 15-4042-04 \$2.95

SERVO CONTROL MOTOR BY OSTER, 115 VOLT 400 CYCLE NO LOAD SPEED 5000 RPM, TORQUE 1.45 OZ. IN. \$2.95

WIND DIRECTION INDICATOR



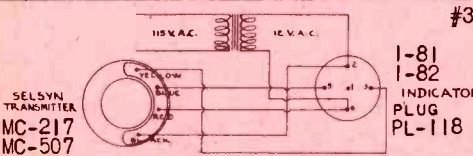
TO MAKE AN ELECTRIC WIND DIRECTION INDICATOR YOU WILL REQUIRE THE FOLLOWING PARTS AND USE WIRING DIAGRAM #3.

- MC-507 SELSYN/AUTOSYN TRANSMITTER USED \$3.95
- I-81A INDICATOR 3" USED 2.95
- I-82A INDICATOR 5" USED 3.95
- FAIR #2468 TRANSFORMER 12 VOLT. 1.95
- PL-118 PLUG FOR I-81A INDICATOR(OPTIONAL) 2.50
- FOUR WIRE CABLE PER FOOT .04

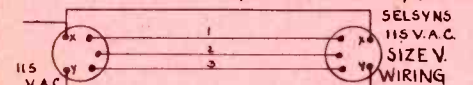
FROM THE TOP OF THE MC-507 REMOVE THE SPRING SPRING TENSION POST, AND DIAL POINTER. LOOSEN THE 24 COMPENSATING SCREWS, AROUND THE HOUSING JUST BELOW THE SCALE, ENOUGH SO THAT THE DISK THAT IS ON THE SHAFT ROTATES FREELY. YOU CAN MAKE ANY TYPE VANE YOU DESIRE KEEPING IN MIND THAT THE LIGHTER IT IS THE EASIER IT WILL TURN AND GIVE A TRUER INDICATION. THE STEM CAN BE OF PLEXIGLASS OR ANY OTHER LIGHT MATERIAL. DRILL A HOLE IN THE STEM THE SIZE OF THE MOTOR ROTOR/SHAFT SO THAT IT WILL FIT TIGHTLY OR USE ANY OTHER COUPLING DEVICE, MOUNT THE VANE ON THE TOP OF THE STEM, LOCATE THE MOTOR WITH THE MOUNTED VANE WHERE YOU WANT IT, (MOTOR SHOULD BE WATERPROOFED) WIRE UP THE MOTOR, TRANSFORMER, SWITCH AND INDICATOR AS SHOWN IN DIAGRAM #3, TURN THE SWITCH ON, TURN THE VANE UNTIL THE INDICATOR POINTS TO ZERO, THEN ADJUST THE POSITION OF THE VANE ON THE MOTOR SO THAT IT POINTS NORTH. YOUR WIND DIRECTION INDICATOR SHOULD NOW BE READY TO OPERATE.

REMOTE INDICATOR

THE SELSYN TRANSMITTER MC-507 AND INDICATORS I-81 AND I-82 CAN BE USED TO INDICATE POSITION OF ALL TYPES ROTATABLE RADIO ANTENNAS TO A REMOTE POINT. SUITABLE GEAR ARRANGEMENT MUST BE MADE TO THE SELSYN TRANSMITTER AND THIS IN TURN ADJUSTED SO THAT THE ANTENNA IS IN LINE WITH THE INDICATOR. WITH PROPER ALIGNMENT, WHEN THE ANTENNA IS TURNED TRUE INDICATION WILL SHOW ON YOUR INDICATOR. SEE SCHEMATIC #3



WIRING DIAGRAM FOR 115/90 VOLT SELSYN/SYNCHRO



THE FOLLOWING EXPLANATION IS THE BASIC PRINCIPAL OF OPERATION OF THE SYNCHRO, SELSYN, AND AUTOSYNS.

THESE MOTORS ARE SPECIALLY DESIGNED HAVING A ROTOR/SHAFT THAT WILL ALWAYS ASSUME THE SAME POSITION AS ON A ROTOR/SHAFT OF THE SAME TYPE MOTOR THAT HAS BEEN ELECTRICALLY CONNECTED TOGETHER EVEN THOUGH THE UNITS ARE LOCATED SOME DISTANCE FROM EACH OTHER. THE MOST IMPORTANT FEATURE ABOUT THESE MOTORS IS THAT THE SHAFT/ROTOR DOES NOT TURN CONTINUOUSLY EVEN THOUGH THEY ARE ENERGIZED BUT THE ROTOR/SHAFTS REMAIN MOTIONLESS UNTIL ONE OR THE ROTOR/SHAFTS IS MOVED BY SOME EXTERNAL FORCE IN WHICH CASE BOTH ROTOR/SHAFTS WILL MOVE AT THE SAME TIME, AT THE SAME RATE AND STOP AT THE SAME TIME, IN THE SAME DEGREE OF ROTATION AS THE ROTOR/SHAFT THAT HAS HAD THE EXTERNAL FORCE APPLIED TO IT.

USED CHIEFLY FOR OBTAINING A REMOTE INDICATION OF POSITION OF SOMETHING OR REMOTE CONTROL OF A POSITIONER.

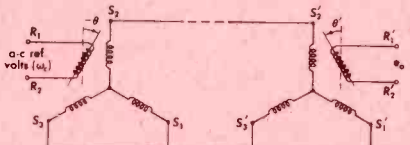
SYNCHRO: A TYPE OF WOUND-ROTOR AC MOTOR USED FOR REPEATING ANGULAR MOTION BOTH AS TO TOTAL ANGLE AND SPEED. THE NAME SELSYN IS USED SYNONYMOUSLY WITH SYNCHRO.

SYNCHRO GENERATOR: A SYNCHRO WHICH HAS AN ELECTRICAL OUTPUT PROPORTIONAL TO THE ANGULAR POSITION OF ITS ROTOR.

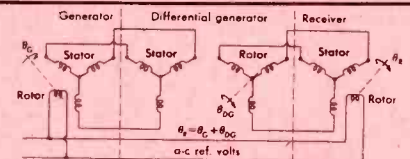
SYNCHRO CONTROL TRANSFORMERS: A SYNCHRO IN WHICH THE ELECTRICAL OUTPUT OF THE ROTOR IS DEPENDENT ON BOTH THE SHAFT POSITION AND THE ELECTRICAL INPUT OF THE STATOR.

SYNCHRO DIFFERENTIAL GENERATOR: THE SYNCHRO UNIT WHICH RECEIVES AT 1ST PRIMARY TERMINALS AN ORDER FROM A SYNCHRO GENERATOR, MODIFIES THIS ORDER MECHANICALLY BY ANY DESIRED AMOUNT BY THE ANGULAR POSITION OF THE ROTOR AND TRANSMITS THE MODIFIED ORDER FROM ITS SECONDARY TERMINALS TO THE OTHER SYNCHRO UNITS.

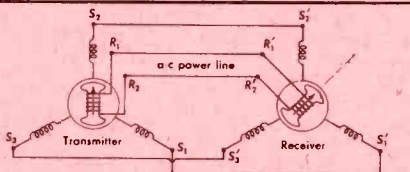
RESOLVER: AN ELECTROMECHANICAL UNIT, SIMILAR TO A SYNCHRO, USED TO RESOLVE INCOMING VOLTAGE INTO THEIR SINE AND COSINE COMPONENTS AS REFERRED TO ANGLE OF SHAFT ROTATION. RESOLVERS MAY BE SUPPLIED WITH TWO ROTOR WINDINGS FOR RESOLUTION OF THE SINE AND COSINE COMPONENTS OF THE VECTOR SUM OF TWO QUADRATURE INPUTS.



POSITION INDICATOR SYNCHROS WITH OUTPUT ERROR



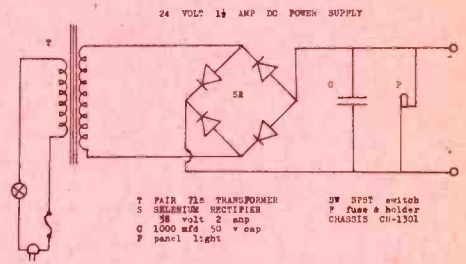
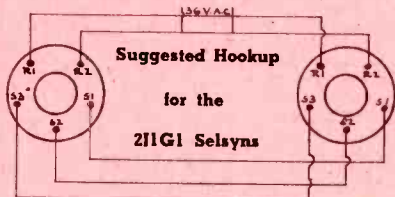
DIFFERENTIAL GENERATOR, TORQUE SYNCHRO SYSTEM



SYNCHROS USED AS POSITION INDICATORS OR TO TRANSMIT TORQUE.

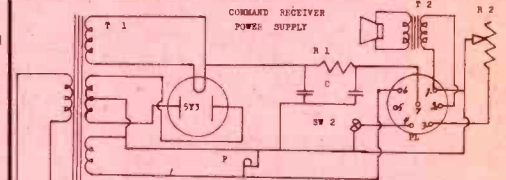
BASIC SYSTEM FOR GENERAL INDICATOR USE.

WIRING DIAGRAM FOR 2J1F1 OR 2J1G1 SELSYNS FOR OPERATION FROM 36 VOLT 60 CYCLE.



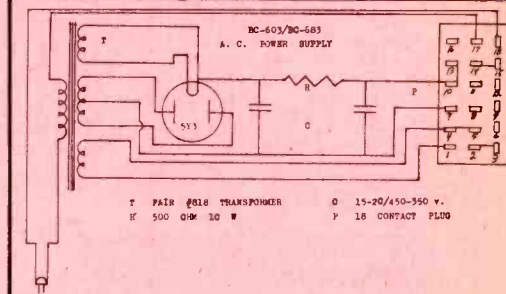
- T PAIR T15 TRANSFORMER
- S SELSYN RECTIFIER
- SW 24 volt 2 amp
- C 1000 mfd 50 v cap
- F panel light
- SW SPST switch
- F fuse & holder
- CHASSIS CH-100H

See page 20 for power supplies, kits and wires



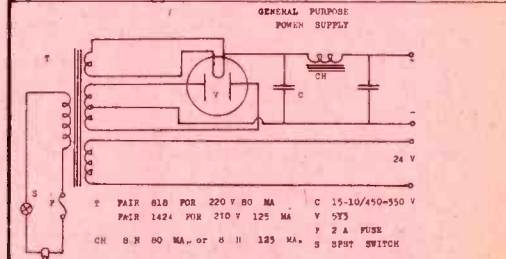
- T1 PAIR 816
- C 15-20/450-350 volt
- R1 500 OHM 10 W
- R2 25K WITH SPST SWITCH
- SW1 SWITCH ON R2
- SW2 SPST SWITCH
- PL PILOT LIGHT
- PL PLUG FOR RECEIVER
- PIR #
- 1 GROUND
- 2 SPEAKER
- 3 VOLUME
- 4 C.W. SWITCH
- 5 R.C.
- 6 24 VOLT
- 7 HIGH VOLTAGE

See page 20 for power supplies, kits and wires



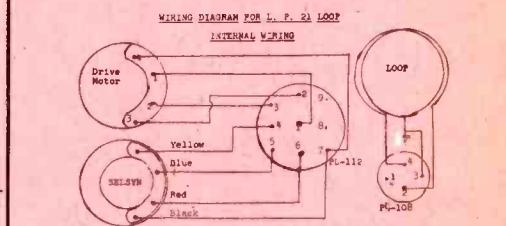
- T PAIR 816 TRANSFORMER
- R 500 OHM 10 W
- C 15-20/450-350 v.
- F 18 CONTACT PLUG

See page 20 for power supplies, kits and wires

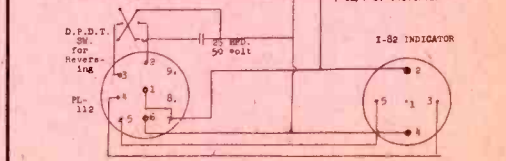


- T PAIR 818 FOR 220 V. 80 MA
- PAIR 1424 FOR 210 V. 125 MA
- C 15-10/450-350 V
- V 5Y3
- F 2 A FUSE
- S SPST SWITCH

See page 20 for power supplies, kits and wires



- 115 V.A.C. 115 to 24 volt A.C.
- LP-21 LOOP ANTENNA EXTERNAL WIRING TO I-82/I-81 INDICATOR



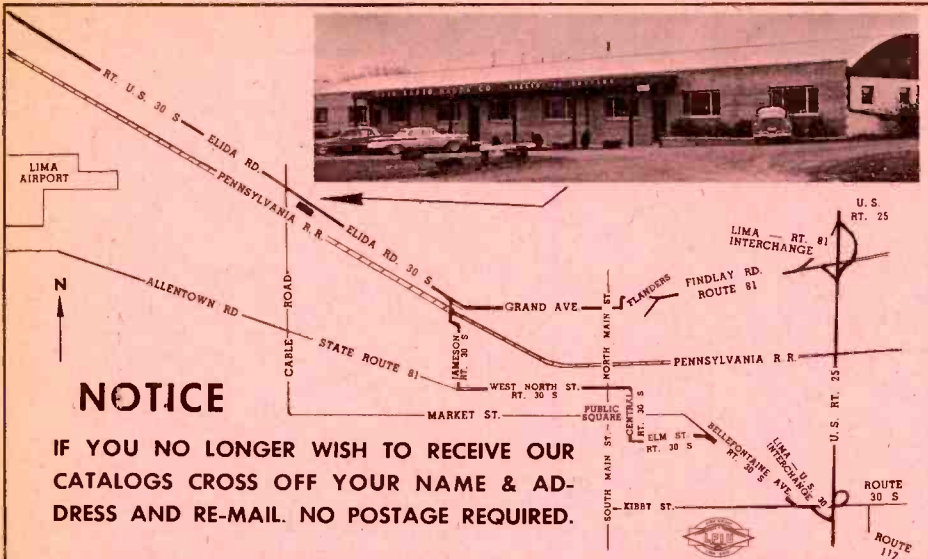
Fair Radio Sales Co.
 2133 ELIDA ROAD
 P. O. BOX 1105
 Lima, Ohio 45802

**Pray
 70-Day
 Attend The
 Church of
 Your Choice
 This Week**

**TELEMETHODS INTERNATL
 PO BOX 18161
 CLEVELAND 20 OHIO 44113**

RETURN REQUESTED


PAID
 Lima, Ohio
 Permit No. 74



NOTICE

IF YOU NO LONGER WISH TO RECEIVE OUR CATALOGS CROSS OFF YOUR NAME & ADDRESS AND RE-MAIL. NO POSTAGE REQUIRED.

ANTENNA COUPLER




ANTENNA COUPLER AND ACCESSORY CASE. USED TO CHECK R-F POWER OUTPUT AND ELLIPTICITY OF CIRCULARLY POLARIZED ANTENNAS FROM ELECTRONIC COUNTERMEASURES SYSTEMS UNDER ACTUAL OPERATING CONDITIONS. FREQUENCY 950-10,500 MC. COUPLING ATTENUATION 40-3 DB. POWER DISSIPATION 500 WATTS. ACCESSORY CASE CONTAINS ATTENUATORS AND ATTACHMENTS FOR TESTING VARIOUS FREQUENCIES. ANTENNA COUPLER SIZE: 12x21, WT. 22 LBS. ACCESSORY CASE SIZE: 12x12x16, WT. 28 LBS. #7507649P22 PRICE: \$39.95

ANTENNA COUPLER STAND, EXTENDS TO 90". SIZE: 39x5 INCHES. WT. 30 LBS. PRICE: \$9.95

THANK YOU


YOUR ORDERS ARE APPRECIATED AND WILL RECEIVE OUR PROMPT CAREFULL ATTENTION

701A TETRODE




THIS TUBE IS INTENED FOR PULSE MODULATOR OPERATION AND WILL MAKE A GOOD HIGH POWER R-F. AMPLIFIER. IT HAS A INDIRECTLY HEATED CATHODE, FILAMENT 7.5 7 AMPS. PLATE 2000/3500 VDC, 350/250 MA. SEE SURPLUS CON. MANUAL #3 OR TUBE MANUAL FOR OTHER INFORMATION. TUBE SIZE: 7 1/2 x 4 1/2; WT: 5 LBS. PRICE: \$3.95 EA. 2 FOR \$7.00

DYNAMOTOR TESTER




TS-414 DYNAMOTOR TESTER THIS EQUIPMENT PROVIDES A MEANS OF TESTING DYNAMOTORS OF SEVERAL TYPES UNDER LOAD CONDITIONS. PROVISION IS MADE FOR THE MEASUREMENT OF INPUT VOLTAGE, INPUT CURRENT, OUTPUT VOLTAGE, OUTPUT CURRENT AND OUTPUT RIPPLE VOLTAGE OF BOTH SINGLE AND DOUBLE OUTPUT DYNAMOTORS. METERS; INPUT D.C.V. ; INPUT AC VOLTS RMS; DC OUTPUT CURRENT; DC OUTPUT VOLTS POWER REQUIRED: 14/28 VDC, 50 AMPS. SIZE: 27x21 1/2 x 17 1/2; WT. 100 LBS. PRICE: \$99.95

R-48/TRC-8 RECEIVER



R-48/TRC-8 RECEIVER F.M. 230 TO 250 MC. ONE BAND VARIABLE TUNING, SPEAKER PHONE JACKS, SQUELCH CIRCUIT. WITH TUBES 8/6A7, 1/9002, 1/504, 1/6V6 1/VR-150, 1/6N7, 1/6SN7, 1/6AL7. OPERATES FROM 115 VOLT 60 CYCLE. SIZE: 20x19x16; WT: 75 LBS. PRICE: WITH TUBES, LESS METER \$24.95 WITH TUBES, LESS METER, LESS DIAL \$19.95

W.U. INTRAFAX



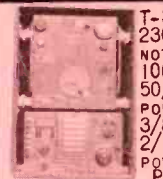
TRANSMITTER SCANS THE DATA THAT IS FED INTO THE MACHINE WITH A LIGHT SOURCE AND PHOTO ELECTRIC CELL WHICH IS AMPLIFIED AND SENT BY WIRE TO THE RECORDER WHICH THEN REPRODUCES THE DATA ON SENSITIZED PAPER 1 1/2" WIDE. THE TRANSMITTER USES TUBES 1/1X2, 1/6C4, 1/6AQ5, 1/931A (PHOTOELECTRIC), LIGHT SOURCE, SYNCHRONIZING MOTORS, GEARS ETC. THE RECORDER DOES NOT HAVE ANY TUBES BUT HAS THE SCANNING MECHANISM, MOTORS, RELAYS ETC. EQUIPMENT OPERATES FROM 115 VOLT 60 CYCLE BUT DOES NOT HAVE THE POWER SUPPLY REQUIRED THE TUBES, PHOTO-ELECTRIC, LIGHT SOURCE AND SCANNING CIRCUITS. TRANSMITTER SIZE 18x18x7; WT: 40 LBS. #7762A RECORDER SIZE 18x12x7; WT: 33 " #7771A PRICES: BOTH UNITS FOR \$39.95 NEW

SIGNAL RECORDER



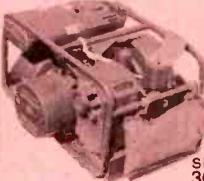
SIGNAL DATA RECORDER TEST SET USED FOR TESTING TAPE TYPE RECORDERS IN AIRCRAFT. OPERATES FROM 115 VOLT 400 CYCLE, WITH 2/5787W & 2 VOLTAGE REGULATOR TUBES, 3 1/2" RD. 0-50 MICRAMPERES METER, PICK-UP HEAD, CABLE ETC. IN CARRING CASE. SIZE 13x6x9; WT: 12 LBS. #7CAC-801319-628 \$24.95

T-30/TRC-8 TRANSMITTER




T-30/TRC-8 TRANSMITTER F.M. 230 TO 250 MC, CONTINUOUS TUNING, NOT CRYSTAL CONTROL, FREQ. DEV. 100 KC. OPERATES FROM 115/230 V. 50/60 CYC. USING PP-115/TRC-8 POWER SUPPLY. TRANSMITTER TUBES 3/829B, 1/6H6, 2/6SN7, PP-115/TRC8 2/5U4G TUBES. TRANS. SIZE WITH POWER SUPPLY 12x20x12; WT: 80 LBS PRICE: USED LESS TUBES \$24.95 TM-11-618 MANUAL FOR TRC-8 REC. & TRANS. \$3

GAS ENGINE GENERATOR




COMPACT, LIGHTWEIGHT, PORTABLE ELECTRIC GENERATING SET CONSISTING OF A 1 HP, 3000 RPM 1 CYLINDER, AIR COOLED, 2 CYCLE, MANUAL ROPE STARTING GASOLINE ENGINE DIRECTLY CONNECTED TO A DC, SHUNT WOUND, SELF EXCITED, FOUR FOLE GENERATOR CONTAINED IN A FRAME OF TUBULAR CONSTRUCTION MOUNTED ON A RUBBER SHOCK MOUNTING. GENERATOR OUTPUT IS 6.2/7 VDC 3.5 AMP. AND 500 VDC 230/250 MA. UNIT HAS JUNCTION BOX FOR CONNECTING CABLES FOR USE WITH USE WITH RADIO SETS SCR-694/BC-1306, AN/GRC-9/RT-77 AND IS APPLICABLE TO OTHER EQUIPMENT. COMPLETE WITH TOOLS AND INSTRUCTION BOOK. SIZE: 17 1/2 x 16 1/2 x 11 WT: 57 1/2 SHPG. WT: 125 LBS. NEW \$39.95

RADAR TEST SET




AN/UPM-8 RADAR TEST SET DESIGNED TO PERFORM RAPID PRE-FLIGHT CHECKS OF INSTALLED TRANSPONDERS. UNIT CHECKS TRANSMITTER AND RECEIVER FREQUENCY, POWER OUTPUT, AND PULSE SPACING SIMULTANEOUSLY. COMPLETE WITH TUBES: 6AU6; 6/6D4; 2/12AT7; 2/6AH6; 6/6AN5; 2/6F4; 5876; 2/5814A; 5687; 5675; 2/6AK5; 2021W; 6AL5; 2/6X4W; 0A2WA; 0B2WA; 2/5670; 2N274. POWER REQUIRED 115V 50-1000 CYCLES. SIZE: 14x13 1/2 x 13 1/2. WT. 40 LBS. \$39.95

PRESSURE TRANSDUCER



PRESSURE TRANSDUCER, TESTER HUGHES 486005-110; USED FOR CHECKING AIRCRAFT PRESSURE, OPERATES FROM 24 VDC, CONTAINS PUMP, STATIC PRESSURE INDICATOR DIFFERENTIAL PRESSURE INDICATOR PRECISION PRESSURE INDICATOR VALVES, CONTROLS ETC. SIZE 22 1/2 x 22 x 15; WT: 80L PRICE: \$49.95

RANGE CALIBRATOR



AN/UPM-11 RANGE CALIBRATOR ELECTRONIC DEVICE WHICH PROVIDES A MEANS OF CALIBRATING ACCURATELY THE RADAR RANGE OF ANY X-BAND RADAR SYSTEM. COVERS FREQUENCY RANGE 8500-9600 MC. PROVIDES MARKERS FROM 200 TO 50,000 YARDS. CONTAINS BOTH MANUAL AND AFC TUNING. POWER REQUIRED 115V 50-1000 CYCLES. SIZE: 15x19x22. WT. 85 LBS. \$100.00

FAIR RADIO SALES CO.

2133 ELIDA ROAD P. O. BOX 1105

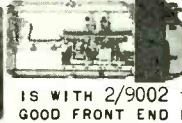
LIMA, OHIO 45802



WORLD'S FINEST SURPLUS BARGAINS..

Spring & Summer '66

APR TUNING UNITS



TN-1/APR-1 TUNING UNIT 30-90 MC. PLUG IN TYPE USED WITH APR-1 & APR-4 RECEIVERS. THIS UNIT IS WITH 2/9002 TUBES. (WILL MAKE A GOOD FRONT END FOR 6 METERS) WITH CASE AND SHOCKMOUNTED BASE. SIZE: 9x7x15; WT: 25 LBS. **NEW \$24.95**

TU-57 TUNING UNIT SIMILAR TO ABOVE; FREQUENCY COVERAGE 150-480 MC. USED WITH BC-977 RECEIVERS ONLY. CONTAINS BUTTERFLY VARIABLE CAPACITOR 4" AND 2" AND ONE ACORN TUBE. **USE PRICES: TU-57 TUNING UNIT 150-480 MC. \$14.**

TU-58 TUNING UNIT FREQUENCY COVERAGE 90-370 MC. CONTAINS TWO 4 INCH BUTTERFLY VARIABLE CAPACITORS. WITH 955 & 9004 TUBES. USED \$14.95

RADIATION DETECTOR



RADIAC SET AN/PDR-88 RADIATION DETECTOR. THIS IS A PORTABLE, BATTERY OPERATED RADIAC DETECTOR COMPUTER, AND INDICATING DEVICE. ITS PURPOSE IS TO DETECT AND MEASURE BETA AND GAMMA RADIATIONS TOGETHER OR GAMMA RADIATION ALONE. RADIATION IS INDICATED VISUALLY BY A METER HAVING FOUR RANGES IDENTIFIED BY COLORED SCALES. RANGES ARE 0-0.01 R/24 HRS. (BETA AND GAMMA) 0-0.1 R/24 HRS. (BETA AND GAMMA), 0-1.0 R/24 HRS. (GAMMA), AND 0-10 R/24 HRS. (GAMMA) SET INCLUDES: RADIACMETER, RADIAC DETECTOR, REMOTE HANDLE, HEADSET, AND CARRYING CASE. IN GOOD CONDITION WITH INSTRUCTION MANUAL. 10x10x12 WT. 25 **PRICE: \$29.95**



BOMB DIRECTOR COMPUTER

COMPUTER MK-20 MOD 2; P-15A/ASG-10. COMPUTER FOR BOMB DIRECTOR. REGULATED POWER SUPPLY WITH 27 VDC INPUT; OUTPUT 285 VDC @ 75 MA. 88 PRECISION RESISTORS ALSO RELAYS AND OTHER PARTS ALL IN VACUUM SEALED CASE. TUBES 2-2050; VR 150 6-11. SIZE: 14x10x8 WT. 30LB USED \$7.95

SUPERSONIC

SELECTOR



NAVY SUPERSONIC SELECTOR IS A TEN CHANNEL SELECTOR USING 12SH7 AMPLIFIERS AND ADJUSTABLE TUNED CIRCUITS. FREQUENCIES SET: 20, 27.5, 35, 42.5, 50, 57.5, 72.5, 87.5, 102.5, 117.5 CYCS. UNIT CONTAINS 10 SPST 3300 OHM TELEPHONE TYPE RELAYS AND 10/12SH7 TUBES. SIZE 11x12x6 1/2 WEIGHT 30 LBS. **\$8.95**



AMPLIFIER

CCI 50272 AUDIO BOOSTER AMPLIFIER. AUDIO OUTPUT APPROX. 3 WATTS WHEN USED WITH PRE-AMP OR TO BOOST POWER OF INTERCOM. OUTPUTS TO 6, 15, 600 OHMS. FOR 19 INCH RACK MOUNTING. TUBES: 5Y3, 6AG7. OPERATES FROM 110 VOLTS 50-60 CYC. SIZE: 11x5x19 WT. 30 LBS. **USED \$12.95**

MICROSCOPE

PROJECTOR



MICROSCOPE-PROJECTOR, 75X COMPARATOR MFG. BY PHILCO #E726B. PROJECTS FROM 3/16 TO 6x6 SCREEN. OPERATES FROM 115 VOLT 60 CYCLE. SIZE 20 x 16 x 10; WT: 35 LBS. **PRICE: USED \$99.50**



ELECTROFAX SIGNA GUARD

RCA ELECTROFAX SIGNA GUARD USED TO ENCODE THE SIGNATURE OF BANK CUSTOMERS BY A PROCESS OF LIGHT EXPOSURE AND HEAT DEVELOPMENT. SPECIAL FIBER OPTICS USED TO DECODE SIGNATURE. THE PROCESS IS TIMED BY A CAM TYPE TIMER. THE ORIGINAL SIGNATURE TO BE ENCODED IS PROJECTED ON LIGHT SENSITIVE PAPER, THE EXPOSED SIGNATURE IS THEN SCRAMBLED, THEN IT IS MOVED ON TO THE HEAT DEVELOPER. THE ENCODED SIGNATURE IS THEN PLACED IN THE PASSBOOK. WHEN A WITHDRAWAL IS MADE THE TWO SIGNATURES ARE COMPARED UNIT HAS HIGH VOLTAGE POWER SUPPLY, PROJECTION LAMPS, MOTORIZED CARRIAGE, MISC. COMPONENTS AND FIBER OPTICS. SIZE: 13x11x22 WT. 50 LBS. **NEW: \$34.95**

READOUT BOARD

USES 110 VOLT NEON BULBS NUMBERED, 30 BULBS, 3/16" DISPLAY, SLIDE TYPE CONNECTORS, 30 RESISTORS MOUNTED ON BOARD 5x11" READOUT BOARD, USES 30 1/10 VOLT NEON BULBS WITH 3/16" DISPLAY EACH ONE NUMBERED, SLIDE TYPE CONNECTORS & 30 RESISTORS MOUNTED ON BOARD 5 x 11 INCHES. WT: 1 LB. **PRICE: \$1.95 EA. 3 FOR \$5.00**

COMPUTER

MEMORY CORE



COMPUTER MEMORY CORE MATHIX, CONSISTS OF FOUR SECTIONS OF RCA #XN125-97 7"x4"x1" WIRED TO 14 CHASSIS CONNECTORS WITH MATCHING DISCONNECTS ALSO 3 RESET SWITCHES. SIZE 20x12x4; WT: 13 LBS **PRICE: USED \$24.95**



MILLIVOLTMETER

MILLIVAC D.C. MILLIVOLTMETER TYPE RM-17 MEASURES FROM 1 MV TO 1000 V IN 13 STEPS ON 4 1/2" SQUARE METER. RACK PANEL MOUNTING 19x7" OPERATES FROM 115 VOLT 60 CYCLE. WT: 18 LBS. **PRICE: USED \$115.00**



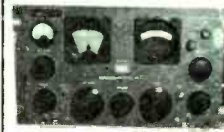
BALLATINE

BALLATINE ELECTRONIC VOLTMETER #300 FREQ. RANGE 10 TO 150,000 CYCLES. VOLTAGE RANGE ONE MILLIVOLT TO 100 VOLT A.C. INPUT IMPEDANCE 1/2 MEG. ACCURACY 2% TO 100 KC. 3% ABOVE. 4 1/2" METER, FIVE VOLTAGE RANGES. SIZE: 11x6x4 1/2 WT: 14 LB **USED \$85.00**



CRYSTAL CALIBRATOR

CRYSTAL CALIBRATOR MARKER GENERATOR MFG. BY CEDCO, MODEL C-5, RF & AF ATTENUATORS, 5 CRYSTAL FREQUENCY SELECTOR AND FACILITY SELECTOR. OPERATES FROM 115 VOLT 60 CYCLE. SIZE: 12x9x8; WT: 15 **PRICE: USED \$39.95**



SUPER PRO RECEIVER

SUPER PRO RECEIVER SP-600 JX TUNES FREQUENCY RANGE 0.54 TO 54 MC IN SIX BANDS. AUDIO OUTPUT TWO WATTS INTO 600 OHMS. POWER REQUIRED 95-260 VOLTS, 50-60 CYC, 130 WATTS. RECEIVER CONTAINS 20 TUBES AND CAN BE RACK MOUNTED. SENSITIVITY 2.3 MICROVOLTS OR BETTER ON ALL BANDS FOR S-N TO N RATION OF 10 DB. IMAGE REJECTION BETTER THAN 74 DB ON ALL BANDS. IF REJECTION RATIO AT 600 KC IN 2700 TO 1. AVC WILL HOLD WITHIN 12 DB WHEN INPUT IS INCREASED FROM 2 TO 200,000 MICROVOLTS. ALSO HAS A CRYSTAL CONTROL OSCILLATOR IN WHICH SIX CRYSTALS CAN BE USED FOR SPOT FREQUENCY OPERATION. SIZE: 19x16x10 1/2 WT. 80 LBS. CONDITION: GOOD, GUARANTEED TO OPERATE **PRICE \$349.95**



TELEPHONE REMOTE CONTROL UNIT

TELEPHONE REMOTE CONTROL UNIT WITH HANDSET. UNIT HAS INPUTS FOR TWO MIKES AND ONE RECEIVER WITH CONNECTION AT TERMINAL BOARD FOR KEYS. AUDIO OUTPUT 1.3 WATTS INTO 600 OHMS. MAY BE USED FOR INTERCOM. POWER REQUIREMENTS 115 VOLTS 60, 25 CYC OR DC. TUBES: 2/35L6, 35Z5. SIZE: 13x12x1 1/2 WT. 48 LBS. WITH INSTRUCTION MANUALS **NEW \$14.95** SPARE PARTS FOR ABOVE IN WOOD CASE 9x9x8 CONTAINS SPARE TUBES, CAPACITORS, RESISTORS SWITCHES AND JACKS. WT 7LB. **NEW \$2.00**

TRANSISTOR POWER SUPPLIES

ACOPIAN TRANSISTOR POWER SUPPLY. INPUT: 125 VOLTS 60 CYC; OUTPUT: 0-100 VDC @ 0-100 MA TUBES: 2/6L6; 12AX7; 6AU6; 5U4; OA2; OB2; O63 FOR RACK MOUNTING. SIZE: 3 1/2 x 7 1/2 x 1 1/2 **USED \$29.95**



ELECTRONIC MEASUREMENTS TRANSISTOR POWER SUPPLY MODEL 212A. INPUT: 125V 60 CYC; OUTPUT: 0-100 VDC @ 0-100 MA. TUBES: 2/6L6; 5U4 OB2; OA2; O63; 12AX7; 6AU6. FOR RACK MOUNTING. SIZE: 19x9 1/2 x 3 1/2. WT. 16 LB. **USED \$29.95**



REGULATED POWER SUPPLY

WICKS MODEL PS-3 REGULATED POWER SUPPLY POWER INPUT 105-125V, 50-60 CYC 370 WATTS REGULATED DC OUTPUT (ADJUSTABLE) 270-300V MAXIMUM OUTPUT CURRENT 400 MA REGULATION 100-400MA, LESS THAN 0.5 VOLTS. AC RIFPLE, PEAK TO PEAK, LESS THAN 0.015 VOLT. OUTPUT IMPEO. LESS THAN 0.7 OHMS. RECESSED RACK MOUNTING. SIZE: 19x10x12 1/2 WT. 70 LBS. **NEW \$29.95**

HIGH CAPACITY CAPACITORS



HIGH CAPACITY CAPACITORS IN BANKS OF TWENTY OR INDIVIDUALLY. 16x13x5, WT 40 LBS. FOR RACK MOUNTING. SOLA 25,000 MFD @ 25 VDC **SINGLE \$1.50 BANK 24.50** MALLORY 20,000 MFD @ 25 VDC **SINGLE 1.50 BANK 24.50**

FAIR RADIO SALES

2133 ELIDA ROAD

Route 30 South - West of Lima
BOX 1105, LIMA, OHIO 45802
TEL: AREA CODE 419 227-7886

STORE HOURS
MONDAY THRU SATURDAY
9:00 A.M. TO 5:30 P.M.

TERMS

PRICES NET, F.O.B. LIMA, O.
SEND CASH, CHECK OR MONEY
ORDER WITH PURCHASE ORDER

MINIMUM ORDER \$3.00. Orders
less than \$3.00 ADD \$.50
HANDLING CHARGE.

Include sufficient money
for shipping charges. (UNUSED
PAYMENTS RETURNED AT ONCE.)
Otherwise we will send ship-
ping charges collect.

C.O.D. ORDERS, SEND 25% OF
PURCHASE WITH ORDER. BALANCE
will be COLLECTED UPON DEL-
ivery.

When writing for information
PLEASE state what specific
information you desire.

GENERAL ELECTRIC



A-C VOLT METER
TYPE AO-22 3 1/2" RD 0-15 SCALE
25-133 CYCLE \$2.95

D-C VOLT METER
TYPE DO-41 3 1/2" RD.
0-150 SCALE \$2.95

0-1.5 KILVOLT SCALE
FS-1 MA. (VJFB) \$2.95

D-C MILLIAMMETERS
TYPE DO-41 3 1/2" RD
0-100 0-200 EACH \$2.95

RF AMMETER
TYPE DO-44 3 1/2" RD.
0-20 SCALE \$3.95

A-C AMPERES
0-75 SCALE, 5 AMP. MOVE.
SIMPSON 3 1/2" RD.
#3F1075 \$4.95

DB METER 3 1/2" RD.
WEST. TYPE NC35
SCALE 10-0-6
USED \$3.95
UNUSED 4.95

SIZES INDICATED ARE FOR METER HOLE OPENING



VOLTMETERS

- 0-150 AC Round flush type for 2-1/8" hole, Bakelite case, Westinghouse type NA-33, 25 to 125 cycles. Signal Corps No. 3F8150-69 6.25
- 0-300 AC 3" round flush type, bakelite case, Simpson and General Electric Mfg. Signal Corps No. 3F8300-28 7.50
- 0-15 AC-DC Voltmeter 2 1/2" RD. USED No. IS-122 2.95
- 0-30 DC Round flush type, for 2 1/2" hole. General Electric Mfg. Model 85W53AA. Stock No. 2DA7 5.75
- 0-300 DC Round flush type, bakelite case, shielded, for 2 1/2" hole. Sun Mfg. Model 2AU346. Stock No. 159E-12 5.75

MILLIAMMETERS

- 50-0-50 DC 3" round flush type, bakelite case. Sangamo and Weston model 301. Signal Corps No. 3F3327 6.25
- 0-100 DC 3" round flush type, bakelite case. De-Jur model 310. Signal Corps No. 3F910-1 6.95
- 0-800 DC 3" round flush type, bakelite case, calib. for 1/8" steel panel. Signal Corps No. 3F980-2 6.95

R.F. METERS

- 0-10 AMPS 2-3/4" flange, for 2 1/2" hole, bakelite case. Weston model 507, Signal Corps No. 3F1010-24 5.95
- 0-1 AMPS 3" round flush type, bakelite case, Triplet model 0341-T or Weston model 425. Signal Corps No. 3F1001-31 6.25
- 0-100 MA For 2-1/8" hole, metal case. Calib. for 1/16" steel panel, with Thermocouple. General Electric model AAN21, type DW-52. Signal Corps No. 3F912 5.50

AMMETERS

- 0-30 DC 3" round surface mounting. Roller-Smith type TDS. Signal Corps No. 3F1030-9 6.95
- 0-30 DC 2" round flush type, metal case. Hoyt Meter Co. No. H17-3, scale has marking for 12 volt and 6 volt. Signal Corps No. 3F1030-22 5.50
- 0-1.5 DC Milliamp. Tube checker scale 2 1/2" flush mtg. P/O I-56A W.No. 685-2 2.95

WESTINGHOUSE METERS TYPE

- RX-37 4 x 4 1/2 SQUARE
 - D.C. VOLT 0-30
 - " " 0-80
 - D.C. AMP. 0-2
 - " " 0-5
 - " " 0-50
 - AC VOLT 0-150
- SEPERATE METERS EACH \$6.95

- WESTINGHOUSE NX-35
- 0-1500 D.C. AMPS.
- F8-50 MV. REQ. 1500
- AMP. 50 MV SHUNT.
- 3 1/2" RD. \$3.95

- WESTON AC AMPERES
- #517 2 1/2" RD. 0-1
- SCALE \$2.95

- R.F. AMPERES 0-1
- WEST. TYPE N810140
- SC TYPE IS-84
- 2 1/2" \$2.95

- MARK 11 No. 19 VOLT
- METER 2 1/2" 0-15 & 0-
- 600 SCALE, 500 MICR
- OAMP MOVE. PC90609C
- \$3.95

- A.C. OUTPUT METER T-650
- SCALES 0-1.5/0-6/0-1
- 0-60/0-150. SIZE 3x6x3
- USED CHECKED \$4.95
- DEFECTIVE AS-IS 2.00

- D.C. VOLT METER
- 0-30, 2 1/2" SQ. MTG.
- AIRCRAFT TYPE
- 22284
- PRICE: \$2.95

- D.C. AMPERE METER
- 0-150 SCALE, 0-15
- MA. MOVEMENT, SHUNT
- REQUIRED, 2 1/2" WEST
- #12058528 \$1.95

- PRESSURE METER
- GAGE-RADAR, 0-30
- SCALE, 2 1/2"
- US GAUGE #31-B2F29
- \$1.50

- GENERAL ELECTRIC
- TYPE DO-41 3 1/2" RD.
- SCALE 50-0-50
- D-C AMPERES.
- REQUIRES EXTERNAL
- SHUNT. \$4.95

- DE JUR MODEL 300
- NULL INDICATOR
- SCALE -10-0-X10
- 3 1/2" RUGGEDIZED
- \$5.95

- "S" METER FOR BC-779
- SUPER PRO RECEIVER
- 2 1/2" DIA.
- PRICE: \$3.95

WESTON

PANEL METERS

- MODEL 301 A.C. VOLTS 3 1/2" RD
- 0-150 0-500 0-15/150
- \$6.95 EACH

- MODEL 301 D.C. VOLTS 3 1/2" RD
- 0-30 0-50 0-200 0-250
- 0-300 0-350 0-500 0-600
- \$6.95 EACH

- MODEL 301 D.C. VOLTS 3 1/2" RD
- 1-0-1 15-0-15 300-0-300
- \$6.95 EACH

- MODEL 301 D.C. AMPS. 3 1/2" RD
- 0-1 0-2 0-4
- \$6.95 EACH

- MODEL 301 D.C. M.A. 3 1/2" RD
- 0-50 0-100 0-200
- \$6.95 EACH

- MODEL 476 A.C. VOLTS 3 1/2" RD
- 0-10 0-150 0-500
- \$6.95 EACH

- MODEL 476 3 1/2" RD
- 0-100 A.C. MILLIAMP \$6.95
- 0-250 " " "
- 0-3 " AMPERES "



R.F. AMPERES
0-4 SCALE W/
THERMOCOUPLE.
2 1/2 x 3 1/2, PANEL
OR PORTABLE
IN/OUT CIRCUIT
SWITCH. WESTON
LTD #10A/12667
\$3.95



DC AMPERES
3 1/2" 0-300scL
USE W/SHUNT
50 MV/200 A



RF MILLIAMP
2 1/2" RD.
0-150 SCALE
SIMPSON
MODEL 35
\$3.95



D.C. MILLIAMP
0-35 SCALE
2 1/2" RD.
USN#CG22202
GE# DW41
\$2.95



FS- 5 AMP DC
0-5 AMP SCALE
2 1/2" RD.
BURLINGTON
MR25WOODCAA
\$2.95



DC VOLTS
2 1/2" 0-500scL
BASIC FS 500V
RUGGEDIZED
ALUMINUM PAN-
EL ASSY.
BURLINGTON
STK#3F1350
\$3.95



MICROMHOS
DYNAMIC MUTU-
AL CONDUCTANCE
USED IN I-177
TUBE CHECKER
BASIC 0-1.4
MA.
HICKOK #M547A
STK#3F1350
\$4.95



DC MILLIAMPER
2-3/4" 0-15
0-300 SCALE
USE EXT. SHUNT
.35 OHM
USED W/BC-669
VARIOUS MFG.
STK#3F930-14
\$4.95



MARION ELEC.
POWER SET
-DBM X
-6-0-3x
#HS2285
2 1/2" RD.
\$2.95



GAR ELEC.
F.S = 100 UA
SCALE 1-3/3-
10 & %MOD5-50
2 1/2" RUGGEDIZE
GAR MODEL 260
\$4.95



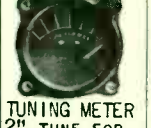
PERCENTAGE
MODULATION
10-0-10
ROLLER-SM.
ES-100 UA
3 1/2" #49470
\$3.95



50 MICROAMP.
0-5 SCALE
1 1/2" SINGLE
HOLE MOUNTING
INTERNATIONAL
#420-63-0251
\$4.95



DC AMPERES
2-1/16"
0-120 SCALE
EXTERNAL
SHUNT REQ.
AERO #C-120
NSD #R17A5730
\$1.95



TUNING METER
2" TUNE FOR
MAX. SCALE.
2 MA. RIGHT,
5 MA. LEFT.
5 OHM DC RES.
USED IN RADIO
COMPASS REC.
#1-70 \$1.50



DC MICROAMPERE
0-200 SCALE
TRIPOLET 2 1/2"
#MR25WOODCAA
MODEL 221 T
\$3.95



ANTENNA
CURRENT
INDICATOR
0-10 RF W/
THERMOCOUPLE
WESTON 507
F/BC-442
USED \$1.25

- GE DW-46 AC MILLIAMP
- 0-500 SCALE FBV 1.5
- 2 1/2" RD. \$2.95

AUTOMOTIVE MOTORADE METERS

- CIRCUIT
- 0-1 M.A. MOVE.
- 0-10 V. SCALE
- 0-7.5 A. "
- 0-1K OHM "
- SIZE 3 1/2 x 5 1/2
- \$3.95

- REGULATOR
- 0-1 M.A. MOVE.
- 0-60 DCA SCALE
- 0-10 DCV "
- 0-20 DCV "
- SIZE 3 1/2 x 5 1/2
- \$3.95

- DWELL TACHOMETER VOLT METER
- 0-1 M.A. MOVE.
- 0-50 DEG DWELL
- 0-5000 R.P.M.
- 0-15 D.C.V
- SIZE: 3 1/2 x 5 1/2
- \$5.95

THIS WILL NOT BE THE ORIGINAL
AL SCALE AS SUPPLIED BY THE
MANUFACTURER BUT A MODIFIED
UNIT FROM THE OTHER TYPES.

- METER SCALE FACE, INSTRUC-
TIONS, AND SHUNT FOR
CHANGING CIRCUIT OR REGU-
LATOR METERS TO DWELL-TACH.
- \$1.00

METER BOXES PAGE 27 \$1.95

ARC-5

COMMAND RECEIVERS—TRANSMITTERS

The COMMAND SET series of transmitters and receivers are the most popular surplus items on the market to-day.

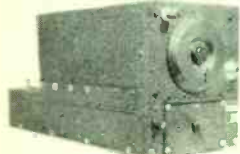
The series consist of several units covering the frequency range of 190 KC to 9.1 MC for the receivers and 2.1 to 9.1 MC for the transmitters.



R-26/ARC-5 RECEIVER
3 to 6 MC.
WITH C-131/AR ELECTRIC OR MANUAL CONTROL FOR 24 V.D.C. OPERAT. WITH CONN. PLUG.

PRICE: GOV'T OVERHAUL.....\$24.95

The receivers are six tube superhets using the following tubes, 1/12A6, 2/12XBY, 3/12SK7 & 1/12SR7. Designed to operate from 24 VDC dynamotor, which mounted on the rear of the set, supplying 250 VDC 60 MA. Size of set 5 x 5 x 11 WT. 6 lbs.

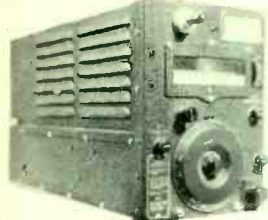


R-25/ARC-5 1.5 to 3 MC new \$24.95

BC-454 3.0 to 6 MC new \$24.95

TRANSMITTERS

The transmitters with proper use can put out 50 watts or CW and watts on voice, with the use of the BC-456 modulator which is a separate unit. Dynamotor used with equipment is a DM-33 24 VDC input output 575 VDC 175 MA & mounts on the modulator. Tubes used 2/1625, 1/1626 & 1/1629 magic eye tube for crystal calibration. Size 5 x 7 x 12 WT. 9 lbs



T-18/ARC 2.1 to 3.0 mc new \$12.95

used 9.95

T-19/ARC 3.0 to 4.0 mc used 9.95

T-20/ARC 4.0 to 5.3 mc used 6.95

new 9.95

T-21/ARC 5.3 to 7.1 mc used 6.95

new 9.95

T-23/ARC 100 to 156 mc new 24.95

R-23 Receiver chassis 190-550 kc. less tubes, rf/lf coils, cover etc. with var. condenser, sockets, cond. res. trans. etc. 6 lbs

Price: \$3.95

AC 115 VOLT 60 CYCLE POWER SUPPLY FOR COMMAND RECEIVERS WITH SPEAKER, VOLUME CONTROL, CW CONNECTOR PLUG ETC. (SEE PAGE 20) \$18.95

35x032 DYNAMOTOR 12 VOLT. \$ 4.95
DM-32 " 24 V. U. \$2.95 N 4.95
SPH TUNING KNOB FOR REC. 1.00
CONNECTOR PLUGS F/REC-TRANS. 1.50

C-26/ARC CONTROL BOX 1 REC. U. 1.50
BC-496 " 2 " N1.95

AMPLIFIER

AM203B/ARA-19 AMPLIFIER; PART OF REMOTE COMPASS TUNING SYSTEM AS USED WITH ARN-6 RADIO COMPASS. PROVIDES AN ACCURATE MEANS OF TUNING ELECTRICALLY. WITH 2/26A7 TUBES 1/12SN7 TUBE. OPERATES FROM 24 VOLT D.C. ALSO HAS 3 SEALED RELAYS, COND. RES. ETC. SIZE: 5x6x4 1/2; WT: 5 LBS. RE-NEW \$3.95



RAX-1 RECEIVER; FOUR BAND 200 TO 1500 KC. LARGE 4" DIAL, C.W. MCW, ANT. TRIM., VOL. CONT. AND PHONE JACK ALL ON FRONT PANEL. W/TUBES 3/12SK7, 1/12K8, 1/12SR7 & 1/12A6. VOLTAGE REQ. 24 VOLT FILAMENTS, & 200-220 VDC, 80 MA. SIZE 7 1/2 x 7 1/2 WT: 25 LB. USED \$29.50
A.C. SUPPLY W/SPEAKER/CASE \$18.95
SHOCKMOUNTING F/RECEIVER 2.50

BC-1335

F-M RECEIVER TRANSMITTER



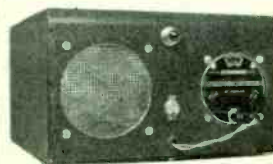
CRYSTAL CONTROL ON ANY TWO PRE-SET FREQ. IN THE 27 TO 38 MC. BAND USING FT-243 CRYSTAL HOLDER APPROX. 2 WATTS OUTPUT. VIBRATOR TYPE POWER SUPPLY THAT OPERATES FROM 6 OR 12 VOLTS DC. USES 18 TUBES, 7/11L4, 2/1R5, 5/3A5, 2/3C4, 1/1A3 & 1/6AF6G. THESE SETS ARE USED AND SOLD "AS IS" LESS TUBES AND VIBRATOR. THEY WILL REQUIRE SOME WORK. SIZE: 13 1/2 x 12 1/2 x 6 1/2; WT: 30 LBS. USED \$6.95

SEA RESCUE



AN/CRC-7 TRANSMITTER-RECEIVER VHF SEA RESCUE 140.58 MC., TWO-WAY COMMUNICATION VOICE OR M.C.W. (CONVERSION TO TWO METER CAN BE FOUND IN SURPLUS CONVERSION MANUAL #3 & SURPLUS SCHEMATICS HANDBOOK HAS SCHEMATIC, PRICE \$3.00 EA.) WITH 3/3A5, & 1/3C4 TUBES. OPERATES FROM DRY CELL BATT. 1.3 VDC FOR FILAMENTS AND 97.5V FOR B VOLTAGE, HAS 3 PUSH BUTTONS FOR TONE, REC. AND TRANS. ONE ELEMENT IS USE FOR MIC AND PHONE, TELESCOPING ANTENNA. TRANSMITTER IS CRYSTAL CONTROLLED AND RECEIVER IS SUPER-REGENERATIVE. SIZE: 15" LONG 2 1/2" DIA. WT: 4 LBS. PRICE: USED..... \$14.95

AC BEACON RANGE RECEIVER



BC1206-C BEACON RECEIVER



BC-1206 AIRCRAFT BEACON RECEIVER 200 TO 400 KC. OPERATES FROM 24 VDC 1.5 AMPS., 135 KC IF. COMPLETE WITH TUBES 2/14H7, 1/14J7, 1/14R7 & 1/280T7. CONTINUOUS TUNING VOLUME CONTROL, ON/OFF SW. & PHONE JACK. SIZE: 4x4x6 1/2. WT: 5 LBS. SHOWN TO RIGHT. PRICE: USED CHECKED FOR OPERATION \$9.95 REC. ONLY

AC BEACON RANGE RECEIVER IN CABINET WITH 115 VOLT 60 CYCLE POWER SUPPLY & 4" PM SPEAKER, READY TO OPERATE. SIZE: 10x6x6; WT: 18 LBS. PRICE, COMPLETE WITH NEW CABINET & POWER SUPPLY AND USED RECEIVER CHECKED \$29.95
SAME AS ABOVE, LESS RECEIVER.. 18.95

POWER SUPPLY ONLY, 115 VOLT 60 CYCLE OPERATION OUTPUT 24 VOLTS DC 1.5 AMPS. MOUNTED ON METAL CHASSIS 6x5x7; WT: 5LBS. KIT...\$7.00 WIRED \$9.95



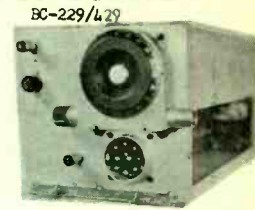
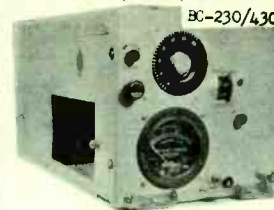
R-4/ARR-2 RECEIVER 234-258 MC. 11 TUBE AIRCRAFT UNIT FOR RECEPTION OF DOUBLE AMPLITUDE MODULATED CARRIER OPERATES FROM 24 VDC & 250 VDC 60 MA. COMPLETE WITH TUBES 3/6AK5, 7/900J & 1/12 A6. SIZE: 5x5x11, WT: 6 LBS PRICE: RE-COND. \$6.95



COMMAND SET RACKS & FLEXIBLE SHAFT
FT-234 HOLDS ONE TRANSMITTER \$1.50
FT-226 " TWO " 2.00
FT-331 " FOUR " 3.00
FT-233 " ONE RECEIVER 2.00

FT-220 " THREE " 2.00
FT-225 " ONE MODULATOR 1.50
MC-215 FLEXIBLE SHAFT AP. 6' 1.50
MORE THAN 6' EA. EX. FT. 25

TRANSMITTERS - RECEIVERS



BC-230/430 TRANSMITTER

Transmitter approx. 10 watts Voice and 20 watts CW in the freq range of 3000 to 7700 KC by use of plug in coils. Uses tubes 2/10Y, 2/45. Output meter 2" 0 to 1.5 RF. MC control on front panel. Voltage required approx 300 VDC for plates & 12VDC for BC-230 & 24 VDC for BC-430. Size 13"x8"x7". WT. 10 1/2 lbs.

Price with tubes, plug in coils & schematic, UNUSED \$8.95

BC-229/429 RECEIVER

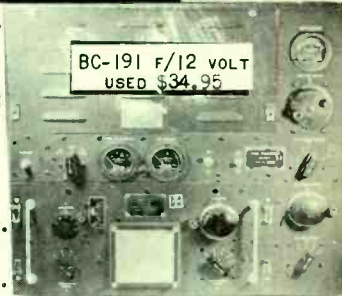
Receiver TRF, uses plug in coils to cover the freq. range of 201 to 398 & 2500 to 7700 KC. Six tubes 1/37, 1/38, 4/39. Voltage required 220 VDC to 275 VDC 80 MA. & 12 VDC for BC-229 & 24VDC for BC-429. Size 16 x 8 x 7. WT 12 lbs. Price with tubes, plug in coils & schematic, used \$8.95

Control Box BC-231 F/ receiver or BC-232 F/ trans. each \$1.00
Connector plugs for rec, trans., dynamotor or boxes, " \$1.00
Schematic showing rec, trans, boxes etc. \$1.00
Tuning knob for Receiver local control \$1.00
Remote tuning head for receiver \$2.00
Remote tuning shaft for receiver, specify length \$1.50
Separate coils for receiver, specify freq. coverage \$1.75
Dual coil 201-398 & 2500-4700 or 4700-7700 each.
Separate coils for transmitter, specify freq coverage. \$1.75
2500-3200, 3200-4000, 4000-5000, 5000-6200, 6200-7700.
Mountings for Rec., Trans. Dyn.. Each mounting \$1.50

BC-375 TRANS BC-191

SEE PAGE 25 FOR TUNING UNITS

TRANSMITTER AM 100 Watt CW - MCW - Voice, Frequency coverage 200 - 500 KC & 1500 - 12,500 KC. by use of plug in tuning units listed below. Tube line up 1/10Y & 4/VT-4C (211). Complete with tubes, less tuning units. Requires 12VDC for BC-191 & 24 VDC for BC-375 filaments & relay. 1000 VDC 350 MA. plates. Meters 2" for reading 0-8 RF, 0-500 MA, & 0-15 DC. With schematics.



BC-375 TRANS. 24 VOLT, RE-COND \$49.50; UNUSED \$59.95
DYNAMOTORS BD-77/12 VOLT; PE-73/24 VOLTS, USED \$12.95
PLUGS FOR TRANSMITTER OR DYNAMOTOR; EACH PLUG \$1.00
CABLES WITH PL-61, PL-64, PL-59.....\$2.75

ANTENNA COUPLER



CU-168 ANTENNA COUPLER; PROVIDES MEANS FOR OPERATING FIVE RECEIVE FROM A SINGLE ANTENNA. THE INPL CIRCUIT TO WHICH THE ANTENNA IS CONNECTED IS DESIGNED FOR OPERATION FROM AN UNBALANCED LINE HAVING A NOMINAL IMPEDANCE OF 70 OHMS. THE OUTPUT TO THE RECEIVER IS ALSO 70 OHMS. COVERS THE FREQUENCY RANGE OF 2-32 MC. WITHOUT ANY TUNING OR ADJUSTMENT. EACH REC. COUPLING CIRCUIT HAS 4/12AJ7 TUBES OF 20 TUBES IN ALL. POWER SUPPLY OPERATES FROM 115 V 50-400 CYCLE. RACK PANEL MOUNTING 19 X 8 1/2, 5U4 TUBE IS USED IN P.S., UG-21 COAXIAL CONNECTORS FOR INPUT CIRCUITS. SHPG. WT; 75 LBS. WITH TUBES UG-21 COAXIAL CONNECTORS, AND MANUAL. PRICE; NEW \$39.95

DIRECTIONAL ANTENNA

AS-81/GR DIRECTIONAL ANTENNA SYSTEM; DESIGNED AS AN ADDITION TO COMMUNICATION RECEIVERS THIS SYSTEM PERMITS THE USE OF UNIDIRECTIONAL RECEPTION. TWO LOOP ANTENNAS FOR COVERING THE FREQ. OF 1.1 TO 4.2 MC AND ONE TELESCOPING WHIP ANT. THE UNIT ALSO HAS ONE TUBE TUNEABLE SENSING CIRCUIT USING A 12J5 TUBE AND OPERATES FROM A 12 VOLT VIBRATOR POWER PACK THAT IS SUPPLIED THE COMPLETE UNIT AS DESCRIBED IS CONTAINED IN A CARRYING CHEST 15 1/2 x 14 x 20 1/2 WITH CABLES AND MANUAL. SHPG. WT: 75 LBS. RENEW \$19.95



SCR-522 RADIO SET 100-156 MC

RECEIVER-TRANSMITTER AM, FOUR CHANNEL, CRYSTAL CONTROL, 30 WATT OUTPUT, 18 TUBES AS FOLLOWS: TRANSMITTER, 1/6SS7, 2/832, 3/12A6, 1/6G6, RECEIVER: 1/9002, 1/9003, 3/12A6, 1/12C6, 2/12AH7, 1/12H6 & 3/12SG7. BOTH UNITS CAN BE REMOVED FROM CASE SEPARATELY. OVERALL SIZE: 16 1/2 x 12 1/2 x 10 - 3/4" WT: 49 LBS. PRICE: USED \$29.95



RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE: USED WITH TUBES \$14.95 NO TUBES

RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED, WITH TUBES \$14.95 NO TUBES \$7.95

TRANSMITTER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED WITH TUBES \$18.95 NO TUBES \$7.95

BC-602 CHANNEL SELECTOR CONTROL BOX WITH PUSH BUTTONS. BC-602B USED \$1.95 BC-602D NEW \$2.95

NOTE: FOR THE MICROPHONE & PHONE CIRCUITS JACKS CAN BE INSTALLED IN THE BC-602

JB-29 JUNCTION BOX NEW \$2.95
AN-104 ANTENNA, METAL COVERED WOOD NEW 1.95
PE-98 DYNAMOTOR 12 VOLT USED 9.95
PE-94 " 24 " " 4.95

PLUGS REQUIRED FOR THE EQUIPMENT

SCR-522 RECEIVER-TRANSMITTER REQUIRES THE FOLLOWING PLUGS, PL-173 TO ANTENNA, PL-169 TO DYNAMOTOR, PL-170 TO JB-29 JUNCTION BOX. \$1.50 EACH

BC-602 CONTROL BOX, REQUIRES FOLLOWING PLUGS, PL-169 TO JUNCTION BOX. \$1.50 EA.

PE-98 OR PE-94 DYNAMOTOR REQUIRES FOLLOWING PLUGS, PL-172 TO BATTERY, PL-171 TO RECEIVER-TRANSMITTER. \$1.50 EA.

JB-29 JUNCTION BOX, REQUIRES THE FOLLOWING PLUGS, PL-170 TO RECEIVER-TRANSMITTER PL-169 TO BC-602 CONTROL BOX. \$1.50 EA.

RA-62 AC POWER SUPPLY FOR SCR-522, OPERATES FROM 115/230 VOLTS 60 CYCLE, SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION. SIZE: 16x11x11; WT: 75 LBS. PRICE USED \$59.50 REQUIRES PL-171 PLUG FOR HOOK-UP TO REC-TRANS PRICE \$1.50. AC LINE CORD DETACHABLE TYPE \$1.00

BC-733 RECEIVER 108.3-110.3 MC AM

AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-POINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY. OPERATES ON SIX CRYSTAL CONTROL PRESET FREQ. COMPLETE WITH TEN TUBES: 1/12AH7, 2/12SG7, 3/717, 2/12SR7, 1/12SQ7 & 1/12A6. VOLTAGE REQUIRED; 24 VDC & 220 VDC 80 MA. WITH SCHEMATIC. SIZE: 13x5x7 WT: 17 LBS.

PRICE: USED \$5.95
1-101C CROSS POINT INDICATOR, USED \$1.95
PL-257 PLUG TO FIT 1-101C 1.50

BC-732 CONTROL BOX USED \$1.95 NEW \$2.95
CABLE WITH PL-254 TO FIT BC-733 REC. AND PL-256 PLUG TO FIT BC-732 CONTROL BOX 3 FT. PRICE: \$4.95 PLUGS ONLY 1.50
PRICE: \$4.95 PLUGS ONLY \$1.50 EA.

DM-53 DYNAMOTOR 24 VOLT USED \$4.95 NEW \$6.95
DM-53 AZ " 12 " " NEW 7.95
AS-27 RAIN HORN ANTENNA \$5.95
PL-284 TWIN COAX PLUG F/BC-733-AS-27 1.00

R-65/APN 9 RECEIVER INDICATOR

LORAN SYSTEM AS USED ON BOATS AND IN AIRCRAFT. PROVIDES ACCURATE MEANS OF DETERMINING POSITION FROM FIXED TRANSMITTING STATIONS WHEN DESIRED AND OTHER MEANS ARE INEFFECTIVE. CONSISTS OF A RECEIVER, OPERATING IN THE MARINE BAND, AND INDICATOR USING A 3" CATHODE RAY TUBE FOR PRESENTATION OF THE RECEIVED SIGNALS. OPERATES FROM 24 VDC & 115 VOLTS 400 TO 800 CYCLES. SIZE: 9 1/2 x 12 1/2 x 30 1/2; WT: 36 LBS. \$19.95
PRICE; USED, LESS TUBES & LENS..... \$19.95
" WITH " " " 49.50



ARC-3 100-156 MC

R-77/ARC-3 VHF AIRCRAFT TYPE AM RECEIVER, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 9001, 9002, 12A6, 12H6, 12SH7, 2/12SN7, 3/12SG7 & 6/6AK5. VOLTAGE REQUIRED 24 VDC & 210 VDC 125 MA. SIZE: 11x7x15. WT: 21 LBS. WITH SCHEMATIC PRICE: USED WITH TUBES \$22.50 CONNECTOR FRONT OF SET \$2.50

T-67/ARC-3 VHF AIRCRAFT TYPE TRANSMITTER AM, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE, WITH TUBES 2/832, 2/6L6, 1/6J5, 3/6V6 & 1/12SH7. VOLTAGE REQUIRED 24 VDC & 410 VDC 325 MA. SIZE: 15x7x12. WT: 21 LBS. PRICE: USED WITH TUBES..... \$22.95



JB-68 JUNCTION BOX FOR ARC-3 RADIO SET USED TO MOUNT DYNAMOTORS DY-22 FOR REC & DY-21 FOR TRANS. ALSO HAS CONNECTOR PLUGS TO HOOK UP REC, TRANS, CONTROL BOX & POWER, & RELAYS. SIZE: 10x3x8. WT; 7 LBS. PRICE USED.... \$7.95
CONNECTOR PLUG FOR EACH FACILITY \$2.50 EACH

C-118/ARC-3 CONTROL BOX FOR RECEIVER AND TRANSMITTER. HAS EIGHT PUSH BUTTONS FOR CHANNEL SELECTION AND ONE FOR OFF. SIZE: 6x3x7 WT: 2 LBS. PRICE: \$4.95 CONNECTOR PLUG U-16/U \$2.50

IE-36 TEST SET FOR SCR-522 REPRODUCES THE OPERATING FUNCTIONS OF THE CONTROL BOX & JACK BOXES OF THE RADIO BY PROVIDING HEADPHONE & MICROPHONE, CHANNEL SELECTION PLUS ALL OTHER CONTROLS NECESSARY TO OPERATION AND TESTING. CONTROL UNIT BC-1303 PLUGS DIRECTLY INTO THE SCR-522 ALSO HAS PHANTOM ANTENNA & CORD, LAMP EXTRACTOR, ADAPTER PHONE CORD, INSTRUCTION BOOK AND CARRYING CASE, 10x10x4; WT: 8 LBS. PRICE: NEW \$6.95

SCR-522 CABLES WITH PLUG ON ONE END AND LUG TERMINALS ON THE OTHER. EACH CABLE \$2.95
CX-58/VRC-1 PLQ-170 PLUG & LUGS, 36" LONG.
CX-60/VRC-1 PL-169 " " " 36" "
CX-62/VRC-1 PL-172 " " " 66" "

TRANSCIEVER

BC-745 AM TRANSMITTER-RECEIVER COVERING THE FREQ. RANGE OF 2-6 MC PHONE, WITH A RANGE OF FIVE MILES UNDER FAVORABLE CONDITIONS. CRYSTAL CONTROL ON TWO PRESELECTED FREQ. BY USE OF PLUG IN COIL & CRYSTAL ASSY. BC-746. THE SET SIZE IS 6x6x6 AND IS MOUNTED ON A 32" STAFF AND HOUSES THE TELESCOPING ANTENNA WHEN NOT IN USE. COMPLETE WITH TUBES, 1/1S5, 3/1T4 & 5/354 & ONE PLUG IN FREQ. ASSY. VOLTAGE REQUIRED 1.5 VDC/25 MA, 67.5 VDC/20 MA & 105-125 VDC/50 MA. WT: 10 LB PRICE: USED, \$14.95 UNUSED \$19.95



BC-746 PLUG IN COILS & CRYSTAL ASSEMBLIES CHANNEL #1 3010 Kc CHANNEL #2 5030 Kc CHANNEL #5 5500 Kc CHANNEL #13 5305 Kc ONE OF THE ABOVE SUPPLIED WITH PURCHASE OF SET, ADDITIONAL UNITS \$1.95 EA.

T-39 CHEST UNIT THAT WAS USED TO CARRY DRY CELL BATTERIES, ALSO HAS MICROPHONE, PHONE JACK AND NECESSARY CABLE FOR CONNECTING TO RADIO SET. PRICE: USED, \$3.95 UNUSED \$5.95

PE-157 VIBRATOR POWER SUPPLY; OPERATES FROM 2 VOLT WET BATTERY BB-54 WHICH IS INSTALLED INSIDE THE CASE THAT SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION OF THE RADIO SET ALSO HAS 4" PM SPEAKER, CARRYING HANDLE AND CABLE FOR CONNECTING TO SET. SIZE: 11 1/2 x 5 1/2 x 8 1/2; WT 17 PRICE: USED NO SPEAKER \$10.95 \$12.95

PRESSURIZING UNIT

MK-23/AP PRESSURIZING UNIT: C/O OF A CYLINDER APPROX. 13 IN. LG. 2 IN. DIA. ATTACHED TO A GAGE 0-30, 3/4" INLET CYLINDER AND A 4' HOSE LINE. P/O APS-15 PRESSURIZING KIT. WT: 10 LBS. PRICE: \$3.95



COMPASS RECEIVER

AN/ARN-7 RADIO COMPASS RECEIVER 100 TO 1750 KC USED FOR AIRCRAFT DIRECTION FINDING BUT CAN ALSO BE USED ON BOATS. THE RECEIVER IS A SUPERHETERODYNE WITH ADDITIONAL CIRCUITS FOR OPERATION OF THE AURAL RECEPTION AS SHOWN ON THE INDICATORS. COVERS THE FREQUENCY RANGE OF 100 TO 1750 KC IN FOUR BANDS CONTINUOUS TUNING FROM CONTROL BOX WHICH IS A SEPARATE UNIT. UNIT OPERATES FROM 115 VOLT 400 CYC & 24 VDC AND IS COMPLETE WITH TUBES 4/6K7, 1/6L7, 1/6J5, 2/6B8, 2/6F6, 1/6N7, 1/524, 1/6SC7 & 2/2051. SIZE: 12x8x19; WT 45 LBS. R-5/ARN-7 RECEIVER ONLY, USED \$18.95
ITEMS LISTED BELOW ARE REQUIRED FOR ADF OPER.

C-4/ARN-7 CONTROL BOX	USED \$3.95	NEW \$5.95
I-8-A INDICATOR 3"	USED \$3.95	RENEW 4.95
I-82A " 5"	USED 7.95	
LP-21 AM LOOP ANTENNA	" 9.95	
FT-224 MOUNTING F/C-4CB	" 1.50	
MG-149F INVERTER	" 24.95	
MC-203 SHAFT COUPLING "T"	" 1.00	
MC-136 SHAFT " RT/ANGLE	" 2.50	
BK-22 RELAY JUNCTION BOX	" 2.95	
MC-124 FLEXIBLE SHAFT 2 FT.	1.50	
CD-365 CABLE FOR LOOP 5 FT.		2.75
PL-122 CONNECTOR PLUG FOR RECEIVER		2.50
PL-112 " " " LOOP		2.50
PL-118 " " " I-81 OR I-82		2.50

BC 433 COMPASS RECEIVER ADF SAME AS R-5/ARN-7 RECEIVER SHOWN AND DESCRIBED ABOVE ONLY COVERS THE FREQUENCY RANGE OF 200 TO 1700 KC AND USES ALL THE SAME ACCESSORIES WITH THE EXCEPTION OF THE CONTROL BOX WHICH IS BC-434A PRICED AT \$3.95 USED.
BC-433 RECEIVER ONLY, WITH TUBES USED \$12.95

MN-20C MANUAL ROTATABLE LOOP ANTENNA USED WITH RA-100B & MN-26 RECEIVERS AS A DIRECTION FINDING ANTENNA IN THE 150 TO 1500 KC RANGE. 7 LBS
MC-124 FLEXIBLE SHAFT FOR USE WITH LOOP 10 FT. \$1.95
AC-58267-2 CABLE 5 WIRE SHIELDED FOR ANTENNA CONNECTIONS. 8 FT. PLUG ONE END ONLY. \$1.95
MN-52 AZIMUTH CONTROL FOR MANUAL TURNING OF LOOP WITH CRANK AND BY USE OF FLEXIBLE SHAFT, HAS 0-360 DIAL, GRAIN OF WHEAT LAMP, SWITCH & CRANK. USED \$1.95 N. \$2.95



MN-26 C RADIO RECEIVER FOR AIRCRAFT OR MARINE USE CAN ALSO BE USED FOR HOME USE FOR WEATHER REPORTS. FREQUENCY COVERAGE 150 TO 1500 KC IN TWO BANDS. ELEC

BAND CHANGE, CONTINUOUS TUNING FROM MN-28C REMOTE CONTROL BOX. COMPLETE WITH 24 VOLT DC DYNAMOTOR, TUBES, 5/6K7, 2/6N7, 1/6B8, 1/6F6, 1/6L7, 2/6J5 ALL USED
PRICES: MN-26C RECEIVER ONLY USED \$9.95

MN-40 INDICATOR 0-360 DEGREE SCALE 5" WITH VAR. ADJUSTMENT. SAME AS I-82 INDICATOR ONLY OPERATES MECHANICALLY INSTEAD ELECT BY USE OF SPLINED CONNECTORS AS USED ON MC-124 SHAFT. \$3.95
CONTROL BOXES MN-28C/MN-26C MN-28LB/MN-26LB USED \$3.95 EA. CONNECTOR PLUGS RECEIVER \$2.50 CONTROL Bx 2.50 FLEXIBLE SHAFT 20"/\$1.50 5 1/2" \$2.81 \$3.00

BC 348 RECEIVER

BC-348(*) RECEIVER AM 6 BANDS 200-500 KC. & 1.5 TO 18 MC. CRYSTAL PHASING, ANTENNA ALIGN, BEAT OSCILLATOR & AUDIO GAIN CONTROLS, VERNIER AND SPEED TUNING, OUTPUT JACKS FOR PHONES & SPEAKER. WITH TUBES 3/6K7, 1/6J7, 1/6C5, 1/6K6, 1/6B8 & 1/6F7. VOLTAGE REQUIRED 24 VOLTS 2 A. & 220 VDC 70 MA. * ISSUE THAT IS AVAILABLE SIZE: 18x10x9 1/2; WT: 38 LBS. USED \$89.50



Headsets — Telephone Equipment — Microphones — Handsets



HS-33 HEADSET
NEWLY MANUF.
HEADBAND & 4 1/2 FT.
CORD WITH PL-55
TYPE PLUG. AIR
FORCE GREY. 600
OHM IMPED. WITH
CHAMOIS CUSHIONS
\$7.95
W/ RUBBER CUSHIONS
\$6.95



HB-7 HEADBAND ONLY
WITH 4 1/2 FT.
CORD AND PL-55
TYPE PLUG. AIR
FORCE GREY.
\$3.00
CHAMOIS CUSHIONS
\$1.50
RUBBER CUSHIONS
\$1.50



**HS-23 HEAD-
SET NEWLY**
MANUF. W/4 1/2
FT. CORD &
PL-55 TYPE
PLUG. AIR
FORCE GREY. 2000
OHM IMPED. WITH
CHAMOIS CUSHIONS
\$6.95
W/ RUBBER CUSHIO
\$5.95

HS-17 HEAD & CHEST SET ASSY
HEADSET PHONES 30
OHM W/RUBBER CUSH
MICROPHONE 50 OHM
W/8 FT. CORD &
PL-58 PLUG FITS
EE-8 FL. PH.
5 LBS. NEW \$4.95



JK-38 JACK
FOR PLUGING
IN 2 PL-55
PHONE PLUGS
4 FT. CORD
4 CONDUCTOR
\$1.00



**ACOUSTICON CORD-
LESS MICROPHONE**
AND AMPLIFIER
HEARING AID, HEAD
BAND TYPE ASSEMBL
CONSISTS 3" MIC.
AND 3 TUBE AMPLIF-
FIER WITH VOLUME
CONTROL AND BAT-
TERY COMPARTMENT
MOUNTED IN A
LIGHTWEIGHT HEADBAND. USES MERCURY
BATTERY RM-1H & MINI-MAX 15 V.
504E EVEREADY. PRICED WITH TUBES,
LESS BATTERIES AND PHONE UNIT.
#A200 NEW: \$2.95



RM-42 CONTROL UNIT USED TO OPER-
ATE A RECEIVER & TRANSMITTER
FROM A REMOTE POSITION WITH 2
CHANNEL SELECTION ALSO USED AS
INTER-COM OR CONNECTED TO BE
USED AS TELEPHONE SYSTEM. HAS
MAGNETO HAND CRANK GENERATOR FOR RINGING &
HANDSET WITH PL-204 ALSO 2 TELEPHONE TYPE SW-
ITCHES, 4 PILOT LIGHTS, VC, ON-OFF SW ETC.
REQUIRES WIRES BETWEEN EACH UNIT FOR USE AS
TELEPHONE AND BATTERIES. IN METAL CABINET WITH
SLOPPING FRONT, SIZE 7 1/2x8x9 WT: 14 LBS.
PRICE: ... \$9.95

RM-52 REMOTE CONTROL UNIT (MACY'S PHONE PATCH)
USED FOR RE-CONTROL OF RADIO SET,
OPERATES FROM 4 FLASHLIGHT BATTERIES.
HAS MULTI-TAP TRANSFORMER, MIC, PHONE
HIGH/LOW IMPEDANCE & JACKS.
BASIC UNIT FOR MAKING MACY'S PATCH.
SIZE: 7 1/2x3 1/2x5 1/2; WT: 5 LBS.
PRICE: USED \$1.95 NEW \$2.95



RM-53 REMOTE CONTROL UNIT
BASICALLY THE SAME AS RM-52
ONLY IT HAS A 3 POSIT-
ION SWITCH AND CORDS
WITH PL-55 AND PL-68
PLUGS.
SIZE: 8 1/2x4 1/2x4 1/2; 6 LBS
PRICE: USED \$2.95
RE-NEW 3.95

ACOUSTICON HEARING AID
MICROPHONE CASE ONLY WITH
TRANSFORMER, VOLUME CONTROL
RESISTORS, CONDENSERS, AND
BATTERY HOLDER. NO MICRO-
PHONES TUBES OR BATTERIES
SATIN FINISHED GOLD COLOR
CASE. SIZE: 2 1/2x4x2. MODEL
A-320 CASE ONLY WITH PARTS
AS DESCRIBED ABOVE NEW \$3.39

TS-9 HANDSET NO PLUGS WITH
BUTTERFLY SWITCH &
PUSH TO TALK SWITCH & LUGS
USED \$3.95

TS-13 HANDSET WITH Y CORD
PL-68 MIC. & PL-55 PHONE
PLUGS. USED \$4.95

T-17 MICROPHONE SOUND
CARBON HAND POWERED
TYPE WITH HANDSET
PUSH TO TALK WITH COILED
RE-COND. CORD -4'
\$7.95 STK #D173012
NEW \$7.95

TELEPHONE WIRE
TWO CONDUCTOR OUTDOOR
7 STRANDES COPPER WELD
NEW MANUFACTURE WD-7
PRICE PER FOOT \$.02 1/2
2500 FOOT REELS 39.00
5000 " " 75.00

T-24/M CARBON MICROPHONE
WITH PUSH TO TALK
BUTTON AND
MODIFIED WITH
4 FT. COILED
CORD & PL-68
PLUG. WT: 1/2 LB. PRICE: NEW \$4.95

H-18(M) CARBON MICROPHONE F-1
TYPE ELEMENT MOUNTED ON PLATE
2x4" WITH 4" ADJUSTABLE BOOM
& PL-292 PLUG TO FIT CD-318
CORD. PRICE: \$1.50

DICTIPHONE HEADSET
ASSY. LIGHTWEIGHT BAND
WITH PLASTIC EAR PICES
CONNECTED TO RUBBER*
TUBE THAT COMES TO A
Y THAT EXTENDS TO A
RUBBER CUP 4". CAN
BE USED AS A VIBRATION
TESTER OR A WAY OUT
SOUND REPRODUCER.
STK # 6C262-719
PRICE: \$1.00

TELEPHONE EXTENSION
CORD WITH PLUGS.
25 FT. W/4 PRONG
MALE & FEMALE CON-
NECTIONS. \$2.75
WALL & CORD PLUGS TO FIT, EA \$1.25

PUSH BUTTON & CALL
SIGNAL LIGHT SAME
SIZE AS TELEPHONE
DIAL.
MAKE OWN
INTERCOM.
\$3.95 EA.
3/\$1.00

HS-30 HEADSET
250 OHM IMPEDANCE
HEARING AID TYPE
EAR PCS. FIT IN-
SIDE EAR. LIGHT-
WEIGHT HEADBAND,
CORD 9" LG. WITH
SPADE LUGS.
(SEE CD-604 CORD)



**TELEPHONE TRANSM-
ITTER CHEST SET ;**
150 OHM IMPEDANCE
TRIANGULAR SHAPED
BREASTPLATE, HORN
MOUTHPIECE TYPE#
A-1. NO STRAPS.
WESTERN ELECTRIC
#396A \$1.50

T-45 LIP
MIC

H-144/U HANDSET CAN BE
USED FOR ADDING WITH
BOOM BY ADDING
WIRE HEADBAND.
PHONE 300 OHM
MICROP. 40 "
MOMENTARY & HOLD SWITCH
U77/U CONNECTOR, 6 FT.
CORD. USED \$ 7.95

T-30 THROAT
MIC. Elements
only \$1.00
a dozen

T-45 MICROPHONE
CARBON TYPE 100OHM
50DB BELOW 1 MILL-
VOLT, FLAT RESPONS
WITH PL-291 2 CONT
MALE PLUG, 11" CORD
USED 75¢

**CD-307 CORD EXTEN-
SION** FOR CORDS WITH
PL-54 PLUG AS USED
ON HEADSETS, 65" LG
WITH JK-26 JACK &
PL-55 PLUG.
USED \$1.00

CD-318 EXTENSION
CORD WITH PL-291
2 CONTACT FEMALE
PLUG TO FIT T-45 &
T-30 MICS. SW-141
SWITCH ON 7 FT. CORD
USED \$1.00

CD-604 CORD WITH
IMPEDANCE MATCHING
TRANSFORMER 500OHM
TO 4000, USED WITH
HS-30 HEADSET, 6"
CORD & PL-54 PLUG.
NEW 50¢ USED 25¢

PL-68 MIC. PLUG
30" CORD 75¢

CD-605 CORD SAME
AS CD-604 ONLY 30"
LG. WITH PL-55 PLG
USED \$1.00

JK-33 JACK TO FIT
PL-68 MIC. PLUG.
USED 6 FOR 50¢

PL-55 PHONE PLUG
30" CORD 75¢

JK-34 PHONE JACK
TO FIT PL-55 PLUG
USED 6 FOR 50¢

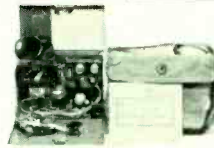
SOUND POWERED
MICROPHONE
IN PLASTIC
CASE, PUSH
TO TALK
BUTTON, NO CORD
#5016 USED \$1.50

COILED CORD SET
THREE CONDUCTOR
24" TO 72" 75¢
12" TO 36" 50¢
FOUR CONDUCTOR
12" TO 36" \$1.00

MC-385 HIGH to LOW
ADAPTER
IMPEDANCE
FOR HEADSET
4000-600OHM
USED \$.50
NEW \$.75

HEADSET
EARPHONE
CUSHIONS
SPONGE
RUBBER FOR
2 1/2" ELEMENTS.
#48514 \$1.00 PAIR

TELEGRAPH SET



TG-5 TELEGRAPH SET; PORT-
ABLE UNIT USED FOR CODE
COMMUNICATION OVER LAND
WIRE LINES. TWO OR MORE
UNITS CAN BE OPERATED IN
SERIES. CAN BE USED FOR
CODE PRACTICE OR TEACHING
CONTAINS BELL CALL SYSTEM
1000 CYCLE TONE HOWLER, TEL. KEY, HEADPIECE,
CANVAS CASE, BOOK ETC. REQUIRES 22.5 AND 2'
1.5 VOLT BATTERIES FOR OPERATION, LESS BAT-
. SIZE: 5 1/2x10x5 1/2; WT: 8 LBS. PRICE: NEW \$9.95

**R-15 PHONE ELEM-
ENT 6000 OHM**
W/RUBBER CUSH-
ION F/2" HEAD-
BAND MTG.
\$1.25

PHONE ELEMENT
F/TS-9K HANDSET
250 OHM, 2 1/2" DIA
W/ CLIPS.
K.S #838
\$1.00

CANADIAN PHONE
ELEMENT 100 OHM
1 1/2" OIA. FOR
2" HEADBAND.
#C-3 10A/36988
\$.75

PHONE ELEMENT
F/TS-13, H-23 ET
HANDSET, TYPE 41
3500 OHM. AUTO.
ELEC. D-5189A
\$1.00

CANADIAN LIGHTWEIGHT
HANDSET
NO CORD
PHONE 300 O
MIC. 50 OHM
#ITE NO1
MK-11
YA-7225
\$3.95

**CANADIAN MICRO-
PHONE W/ SWITCH**
& CORD FOR ABOVE
PHONE, MAGNETIC
300 OHM, #10A/12
57L \$1.25

STANDARD TYPE
TELEPHONE HANDSET
& BELL RINGERS
CAN BE USED AND
ANY COMMERCIAL
TELEPHONE LINE OR
OR SYSTEMS ON THIS
PAGE. PRICE: \$6.95
EX-CONDITION

DIAL
ONLY \$1.75
USED

EXCEL
COND \$1.95

STANDARD
TELEPHONE
HANDSET & CORD

HANDSET HOLDER FOR
HORIZONTAL
MOUNTING, SIZE
1 1/2x3 1/2 #6988
\$.50

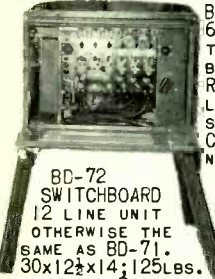
TELEPHONE BELL FOR MAG-
NETO GENERATORS
MC-131
\$1.25

TELEPHONE EQUIPMENT



EE-8 FIELD TELEPHONE, PORTABLE HAND RINGING TYPE. CAN BE USED WITH ANY MAGNETO TYPE SYSTEM SWITCHBOARD AS BD-71, 72, 89, 91, 96 ETC. OPERATES FROM 2 FLASHLIGHT BATTERY UP 17 MILES, TWO OR MORE PHONES CAN BE OPERATED ON TWO WIRE LINE. WITH CARRING CASE, STRAP & HANDSET.

SIZE: 8x10x3 1/2; WT: 18 LBS.
USED CHECKED LESS BATT. \$12.95



BD-72 SWITCHBOARD 12 LINE UNIT OTHERWISE THE SAME AS BD-71. 30x12x14; 125 LBS. USED RE-NEW \$18.95 \$24.95

BD-71 SWITCHBOARD, PORTABLE 6 LINE HAND RINGING MAGNETO TYPE USING FLASHLIGHT BATTERIES FOR OPERATION. REPEATING COILS ON TWO LINES FOR SIMPLEXING, DROP SIGNAL AND NIGHT CALL BELL CAN BE USED WITH ANY MAGNETO TYPE TELEPHONES SUCH AS EE-8, RM-29, BD-72, 89, 91, 96 ETC. IDEAL FOR FACTORY, CAMP, FARM, MOTEL.. WITH CHESTSET MICROPHONE & HEADSET. LESS BATTERIES SIZE: 18x12x14; WT: 75 USED \$9.95 RE-NEW \$14.95



BD-89 SWITCHBOARD, SINGLE POSITION, TWO PANEL NON-MULTIPLE, MANUALLY OPERATED TELEPHONE SWITCHBOARD. MAGNETO & COMMON BATTERY LINES. 20 MAGNETO, 40 CB, 4 TWO WAY MANUAL, DIAL DROP END TRUNK CKT, 5 CONFERENCE JACKS, 3 OUTGOING CKT., 2 THRU-LINE & 13 UNIVERSAL CORD CKT. WITH CHEST MICROPHONE & HEADSET. SIZE: 52x22x31; WT: 300 LBS. USED \$59.50



BD-91 SWITCHBOARD, SINGLE POSITION MANUALLY OPERATED FOR SERVING MAGNETO LINES, TWO-WAY TRUNKS AND TIE LINES. RING-DOWN TRUNKS ARE PROVIDED FOR CONNECTION TO MANUAL COMMON BATT. OR DIAL SYSTEMS. DROP SIGNAL FOR INCOMING & RECALL. 20 MAGNETO, 4 UNIVERSAL, 8 CORD, 1 DIAL, 4 CONF. JACKS & 1 OPERATOR. USES DRY CELLS FOR OPERATION. SIZE 16x16x42 SET-UP; WT: 200 LBS. \$29.50



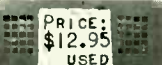
BD-95 SWITCHBOARD: CORDLESS LOCAL BATTERY UNIT EQUIPPED WITH LINE LAMP SUPERVISION AND DESIGNED FOR SWITCHING LOCAL BATTERY LINES MAGNETO TYPE, MAY BE MODIFIED FOR COMMON BATTERY LINES ALSO CAN BE USED WITH OTHER TRUNK, TIE LINE LOCAL BATTERY SWITCHBOARDS. RE-NEW \$24.95 SIZE: 22x14x14; WT: 250 LBS. PRICE: \$24.95



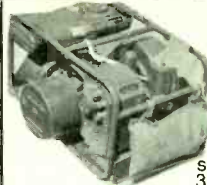
MX-333/GG TAPE PULLER USED WITH CODE PRACTICE TO REEL 3/8" PAPER TAPE AS THE TAPE IS PASSED THROUGH THE RECORDER; HAS CONSTANT SPEED 110 VOLT 60 CYCLE INDUCTION MOTOR WITH VARIABLE SPEED FRICTION DRIVE ARRANGEMENT. UNIT COMES IN A WOOD CARRING BOX 10x10x15 WITH A CARRING HANDLE. WT: 27 LBS. PRICE, RE-NEW \$12.95



TG-10 KEYSER IS A AUTOMATIC UNIT FOR PROVIDING AUDIBLE CODE PRACTICE SIGNALS FROM A INKED TAPE RECORDING. THE OUTPUT OF THE KEYSER IS AN AUDIO FREQ. NOTE OF 800 CYCLES PER SEC. WITH SUFFICIENT POWER TO SUPPLY A NUMBER OF HEADSETS OR PRACTICE TABLES DIRECT CAN ALSO BE USED AS A TELEGRAPH KEY AMPLIFIER OR TAPE PULLER FOR A RECORDER. OPERATES FROM 115 VOLT 60 CYCLE. COMPLETE WITH TUBES; 2/6N7, 2/6L6, 2/6SJ7, 1/5U4 & 1/923. SIZE: 24x11x18; WT: 63 LBS. PRICE: USED CHECKED \$19.95 NOT CHECKED \$14.95



VO-3 OSCILLATOR IS AN ELECT-AUDIO TONE GENERATOR WITH A 10 WATTS OF POWER OUTPUT AT A FREQ. OF 800 CYCLES PER SE COND. THIS POWER IS ADEQUATE FOR SUPPLYING TONE TO 200 HEADSETS THAT CAN BE KEYSER BY THE INSTRUCTOR OR STUDENTS AND FEED INTO A SPEAKER OR RECORDER. OPERATES FROM 115 VOLT 60 CYCLE, COMPLETE WITH TUBES 1/6SN7, 1/5U4 & 2/6V6GT, OUTPUT 4, 8, 12 & 16 OHMS. SIZE: 12x10x7 1/2; WT: 24 LBS. PRICE: \$12.95 USED



GAS ENGINE GENERATOR

COMPACT, LIGHTWEIGHT, PORTABLE ELECTRIC GENERATING SET CONSISTING OF A 1 HP, 3000 RPM 1 CYLINDER, AIR COOLED, 2 CYCLE, MANUAL ROPE STARTING GASOLINE ENGINE DIRECTLY CONNECTED TO A DC, SHUNT WOUND, SELF EXCITED, FOUR POLE GENERATOR CONTAINED IN A FRAME OF TUBULAR CONSTRUCTION MOUNTED ON A RUBBER SHOCK MOUNTING. GENERATOR OUTPUT IS 6.2/7 VDC 3.5 AMP. AND 500 VDC 230/250 MA. UNIT HAS JUNCTION BOX FOR CONNECTING CABLES FOR USE WITH USE WITH RADIO SETS SCR-694/BC-1306, AN/GRC-9/RT-77 AND IS APPLICABLE TO OTHER EQUIPMENT. COMPLETE WITH TOOL AND INSTRUCTION BOOK. SIZE: 17 1/2 x 16 1/2 x 11 WT: 57 1/2 SHPG. WT: 125 LBS. NEW \$39.95



HYDROPHONE

MAGNETOSTRICTION TYPE UNIT 20 KC RESONANT FREQUENCY. THIS IS A STANDARD SECTION OF AN ASSY. AS USED IN AN/SQS-10 EQUIPMENT. (HYDROPHONE IS A TYPE MICROPHONE DESIGNED TO BE ACTUATED BY WATER BORN SOUND WAVES AND MAGNETOSTRICTION IS THE CHANGE IN THE DIMENSIONS OF A FERROMAGNETIC OBJECT WHEN PLACED IN A MAGNETIC FIELD. SIZE: 3 1/2 x 5 x 1 1/2; WT: 3 LBS. STK#875446 Y-901 PRICE: NEW \$4.95

CN-359/GPA-23 REGULATOR VOLTAGE. 120/208 VOLTS 60 CYCLE, 3 PHASE, 27 KVA. MOTOR DRIVEN POWERSTAT ELECTRONICALLY CONTROLLED. THREE SEPARATE SYSTEMS THAT WILL GIVE CONTROL, 3 PHASE IN, 3 PHASE OUT OR 3 PHASE IN, SINGLE PHASE OUT OR CAN BE DISMANTLED AND HAVE THREE SEPARATE SINGLE PHASE IN AND SINGLE PHASE OUT. CONSISTS OF 3 MOTORIZED POWERSTAT TRANSFORMERS 3 LOW VOLTAGE TRANS. 3 ELECTRONIC CONTROL CHASSIS, SWITCHES, FUSES, METER ETC. USED CHECKED SIZE: 27x31x26; WT. SHPG. 420 LB. \$175.00



VOLTAGE REGULATOR

120 VOLTS 60 CYCLE SINGLE PHASE 9 KVA. ONE SECTION REMOVED FROM THE ABOVE 3 PHASE UNIT. METER, SWITCHES, FUSES ETC. WILL HAVE TO BE ADDED, DIAGRAMS FURNISHED. ELECTRONIC VOLTAGE REGULATION, JUST SET THE VOLTAGE UNDER LOAD AND IT WILL REMAIN CONSTANT. CONSISTS OF MOTORIZED POWERSTAT TRANSFORMER, LOW VOLTAGE TRANSFORMER & ELECTRONIC REGULATOR CHASSIS SHPG. WT: 125 LBS. PRICE, AS DESCRIBED \$49.95

BC-653 TRANS

BC-653 TRANSMITTER 2-4.5 MC. 50 WATT VOICE, 100 WATT CW. RANGE 25 TO 50 MILES DEPENDING ON CONDITIONS. MASTER OSCILLATOR CONTROL, FOUR PRESET CHANNEL SEVEN TUBES; 2/814, 807, 2/1613, 2/VR-105. TWO 2 1/2" METERS FOR READING FILAMENT AND PLATE VOLTAGES, AND CURRENT, AND OUTPUT METER. VOLTAGES REQUIRED: 12 VDC, 1000 VDC 220MA, 500 VDC 185MA. SIZE: 26x14x12; WT: 140 LBS. \$29.95
DM-42 DYNAMOTOR 12V USED \$4.95
FT-253 MOUNTING BASE TO HOLD RECEIVER AND TRANSMITTER. USED \$3.95 34x12x3 . WT. 30 LBS. UNUSED 5.95

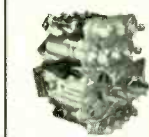
FREQUENCY METER

BC-438 FREQUENCY METER 195-215 MC CRYSTAL CONTROLLED (CRYSTAL FREQ. 4100KC), 5" VERNIER DIAL, OPERATES FROM 115 VOLT 60 CYCLE WITH TUBES 6X5, 6K7, 6J5, 6V6 & 6A8. USED SIZE: 8x16x8; WT: 25 LBS. \$12.95
LINK TYPE 230 FREQUENCY METER, 376-418 MC. CRYSTAL CONTROLLED, (CRYSTAL FREQ. 3970 KC), 5" VERNIER DIAL, OPERATES FROM 115 VOLT 60 CYC WITH TUBES 6X5, 6K7, 6J5, 6V6 & 6A8. SIZE: 8x16x8; WT: 25 LBS, USED \$12.95

ANTENNA COUPLER

ANTENNA COUPLER AND ACCESSORY CASE. USED TO CHECK R-F POWER OUTPUT AND ELLIPTICITY OF CIRCULARLY POLARIZED ANTENNAS FROM ELECTRONIC COUNTERMEASURES SYSTEMS UNDER ACTUAL OPERATING CONDITIONS. FREQUENCY 950-10,500 MC. COUPLING ATTENUATION 40 DB. POWER DISSIPATION 500 WATTS. ACCESSORY CASE CONTAINS ATTENUATORS AND ATTACHMENTS FOR TESTING VARIOUS FREQUENCIES. ANTENNA COUPLER SIZE: 12x21, WT. 22 LBS. ACCESSORY CASE: SIZE: 12x12x16, WT. 2R LBS. #7507649P22 PRICE: \$39.95
ANTENNA COUPLER STAND, EXTENDS TO 90". SIZE: 39x5 INCHES. WT. 30 LBS. PRICE: \$9.95

BC-1253 RADIOSONDE TRANSMITTER OPERATES AT 397 MC; BENDING A CONSTANT SIGNAL TO BE RECEIVED BY RADIO DIRECTION FINDER, WHILE BEING CARRIED IN THE ATMOSPHERE BY A FREE BALLOON. COMPLETE WITH ONE 955 ACORN TUBE. REQUIRES 1.5, 6 & 115 VOL BATTERIES. SIZE 3x5x6 1/2; WT: 8 OZ. PRICE: NEW \$5.59 2 FOR \$1.00

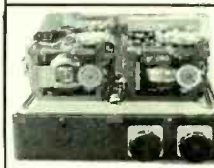


TUNER ASSEMBLY FOR 2 TO 6 MC. Part of BC-728 RECEIVER, which consists of four channel push button assy. with RF, ANT. & OSC. coils all slug tuned. Also cond. resistors etc. Size 4 x 4 x 3 1/16 Stock #2C4728/T4. Price \$1.00



DRONE RECEIVER

FREQUENCY RANGE OF 57 TO 76 MC. WITH CHOICE OF FIVE DIFFERENT TONE CIRCUITS THAT OPERATE FIVE SERVO CIRCUITS WHICH ARE CONTROLLED BY SEALED MICRO-RELAYS IN INDIVIDUAL LC CIRCUITS. TONE FREQ. 300, 650, 955, 1390 & 1250. COMPLETE WITH TUBES 1/12AU7, 2/6AK6, 1/0A2, 28VDC VIBRATOR SUPPLY. PHOTO SHOWS SEALED COVER REMOVED. SIZE: 5 1/2 x 8. WT: 6 LBS. PRICE: UNUSED \$9.95 CONNECTOR PLUGS TO FIT UNIT, 4 REQ. EA. \$1.50



ANGULAR RATE CONTROL PART OF AUTOMATIC PILOT B-1.

CONSISTS OF 3 SEPARATE PLUG IN GYROS NAMELY ROLL PITCH & YAW, SIZE 4x4x5. ALSO CONTAINS RECTIFIERS, TRANSFORMERS, CONDENSERS, RESISTORS, CONTROLS ETC. STK#1J0405-G5. SIZE: 10x11 1/2 x 7 1/2; WT: 25 LBS. PRICE: USED \$12.95

MAGNETIC AMPLIFIER

TRANSMITTER SUB-ASSY. FILAMENT CHASSIS, PART OF AN/ALT-8 COUNTERMEASURES SET. CONSISTS OF CK927 FULL WAVE RECTIFIER CK843 SILICON RECT., TWO CK846 SILICON RECT., MAGNETIC AMPLIFIER TRANS. FIL. TRANS. 115/400 CYC. SEC. 6.3/6A. MINIATUR POTS. AND DPST RELAY ALL MOUNTED ON CHASSIS 7 1/2 x 3 x 3 1/2; WT: 3 LBS. PART #2527-501-G1 PRICE: NEW \$1.95

TS-545 ECHO BOX ; USED FOR CHECKING RADAR SETS IN THE FREQ. RANGE 1150 TO 1350 MC. TUNED CAVITY MANUAL TYPE METER 3 1/2" 0-100 DC MICRAMPERES. SIZE: 16x9x9; WT: 23 LBS. USED \$39.50
TS-270 ECHO BOX; SIMILAR TO ABOVE ONLY FREQ. 2630 TO 2970 MC. PRICE: USED \$39.95

100-2000 KC TRANSMITTER

1-339/UR TRANSMITTER CONTINUOUS TUNING 100-2000 KC IN THREE BANDS WITH MASTER OSCILLATOR CONTROL. OPERATES FROM 115V 60 CYC OR INTERNAL BATTERIES (NOT INCLUDED) 2/BA-419/U. 90V 1/BA-412/U 6V. COMPLETE WITH TUBES 1/5Y3; 3/6AK6; POWER OUTPUT APPROX. 1 WATT. SCHEMATIC INCL. 12 1/2 x 14 1/2 x 17 WT. 40 LBS. PRICE: \$24.95 UNUSED

INVERTERS



INPUT: 27.5 VDC 150 AMP.
OUTPUT: 115 VAC 2500 VA
400 CYC 1 PHASE
SIZE: 15 x 11 1/2 x 8 WT 58 LBS.
JACK & HEINTZ F-46-2
USED \$39.50

JACK & HEINTZ F-45-3
INPUT: 27.5 VDC 150 AMP.
OUTPUT: 115/200 V. 400 CYC
1/3 PHASE, 2250/2500 VA
SIZE: 19x11x8; WT: 75 LBS.
PRICE: USED \$49.50



MG-149F INVERTER

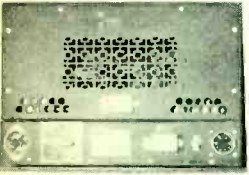
INPUT: 24 VDC 36 AMPS.
750 VA
OUTPUT: 115 V 400 CYCLE
1 PHASE 500 VA
26 V 400 CYCLE
1 PHASE 250 VA
SIZE: 12 x 7 1/2 x 8, WT: 21 LB.
PRICE: USED \$24.95
CONNECTOR PLUG TO FIT \$1.50



RA-87 AC RECTIFIER

Selenium type rectifier use with teletype printers operates from 115/230 volts 50-60 cycle output 115 volts DC 400 amps & 110 volt 50 - 60 cycle. Size 14 1/2 x 7 1/2 x 8 WT. 43 lbs.

NEW \$8.95



RA-62 AC POWER SUPPLY

Power Supply used with SCR-522 Transmitter-Receiver supplies all the necessary voltages.
INPUT: 115/230 60 cycle
OUTPUT: 300 VDC 230 MA.
-150 VDC 8 MA.
13 VDC 3.9 AMPS.
Completely fused & filtered.
Size 16 x 11 1/2 x 11 WT. 75 lbs.
PRICE: USED CHECKED \$59.50



G-24 AC & DC GENERATOR

OUTPUT
115 VAC 800 CYCLE 10.5 A.
28 VDC 60 AMP. @ 2400 RPM.
SPLINE SHAFT SIZE 7/8 x 1 1/2
SIZE: 6 1/2 x 7 1/2 x 13. WT: 45 LBS.
RE-COND. \$19.95



D.C. AIRCRAFT MOTOR
GE# 5BA50LJ29- HP .4
RPM 3000 ARM. V 60 FLD. V 27
AMPS. FLD. 2.3, ARM. 6.5
DUTY 10 MIN. INT. AT FULL
RATING.
SHAFT, CORK SCREW 5/8" DIA.
FLANGE MTG. 3/4 IN CNTS.
SIZE 6 1/2" LESS SHAFT 4 1/2 x 4 1/2
WT: 11 LBS. UNUSED \$4.95



AIRCRAFT MOTOR
MAXSON MODEL 118 H.P. 1
RPM 5800; 24 VOLTS DC
55 AMPS., SPLIT FIELD,
REVERSIBLE SHUNT, DOUBLE
END SHAFTS WITH GEAR 1/2"
1/3-8" FLANGE MTG. 3/4" CT.
SIZE: 6 1/2 x 4 1/2 x 4 1/2; WT: 15 LBS.
UNUSED \$4.95

ELECT. ENG. MFG.
TYPE C-368, 26VDC
35 AMPS. 600 WAT
1/2 HP, APP. 3000
RPM. VERT. KEYED
SHAFT 1/2" DIA. 3/16 SLOT.
FL. MTG. 3/4 CT. 7" LG. \$4.95

INVERTER
INPUT
27.5 VDC 60A
OUTPUT
115 V 400 CY
750 W 3 PHASE
26 V 400 CY
50 W 1 PHASE
SIZE 11 x 10 x 6; WT: 40 LBS.
LELAND #10285 USED \$34.95

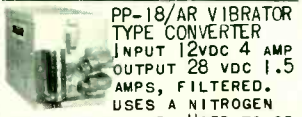
INVERTER
INPUT
27.5 VDC 22A
OUTPUT
115V 400 CY
3 PH 250 VA
SIZE 9x6x4; WT: 15 LBS.
ECLIPSE #E-1617-1 USED \$14.95



VIBRATOR POWER SUPPLY
TWO 6 VOLT SUPPLIES ON A
COMMON CHASSIS USING OZ4
RECTIFIER TUBES, OUTPUT 540
VDC @ 150 MA. CAN BE TAPPED
AT 270 VDC 150 MA.
SIZE: 9x6x5; WT: 10 LBS.
STK #3H6694-5 UNUSED \$9.95



MINI VIBRATOR SUPPLY
PP-855/PRC-14, AIRPAX No.
A-1063, VIBRATOR TYPE WITH
FILTER NETWORK, INPUT 6VDC
5.35 AMPS. OUTPUT 135 VDC
155 MA. VIBRATOR NOUNTS
OF UNIT. 7 1/2 x 2 1/2 x 2 1/2; WT: 3 LB.
NEW \$4.95



PP-18/AR VIBRATOR
TYPE CONVERTER
INPUT 12VDC 4 AMP
OUTPUT 28 VDC 1.5
AMPS, FILTERED.
USES A NITROGEN
SEALED VIBRATOR. USED TO OP
ERATE 28 VOLT EQUIPMENT FRO
12 VOLTS. TWO OR MORE CAN
BE WIRED IN PARALLEL TO OB
TAIN A HIGHER CURRENT OUTP
PUT. WITH PLUGS, MTG & SPARI
VIBRATOR. 6 1/2 x 5 1/2 x 8 1/2; WT: 9 LBS.
NEW \$7.95 USED \$4.95

FT-498 SHOCK
MOUNTING WITH
FOUR 10 LB.
RUBBER MOUNTS ON A ALUMINUM
PLATE 13x8x1 1/2; WT: 2 LBS.
PRICE: \$1.00
VOLTAGE REGULATOR
INPUT 21-30 V.D.C
5 AMPS. REGULATION
18-30 VDC #4511281
SIZE: 4x3; 3LBS.
\$1.50

PI GENERATOR

OUTPUT: 28 VDC 200 AMPS.
2500 TO 6000 RPM.
SPLINED SHAFT 7/8 x 1 1/2;
SIZE 6x8x14 1/2; WT: 48 LBS.
PRICE: USED \$19.95

12 VOLT GENERATOR
50 AMPS. 38 LBS
SIZE 9x6x6
SHAFT 3/4x2
KEYED & NUT
DELCO #1106461
PRICE: NEW \$9.95

PE-115 PHILCO
INVERTER 28VDC
36 AMP. INPUT
OUTPUT 90 VOL
800 CYCLE 7.2
AMP. (NO VOLT
AGE REGULATOR
11x10x7; 40LBS
USED \$12.95

GENERATOR GAEN-211219C

OUTPUT: 12.5 VDC 4 AMPS.
240 VDC 100 MA.
INPUT DRIVE: 3/16 HP.
3450 RPM.
SHAFT SIZE: 3/8 x 1 1/2
MOTOR SIZE: 5 x 6 x 9 WT. 25 lbs.
Used: \$4.95 New \$6.95

DYNAMOTOR
DY-85 VRC-2X
INPUT: 24 VDC 8 AMP.
OUTPUT: 600 VDC 175 MA.
SIZE: 7x4x4 1/2; WT: 10 LBS.
PRICE: NEW \$3.95

INVERTERS

EICOR #1-3112-1
INPUT: 26 VDC 6 AMP.
OUTPUT: 26 VAC 400 CYC.
VOLT/AMP: 40 1 PHASE
DUTY: CONT. 1.0 P.F.
SIZE: 7 1/2 x 3 1/2; WT: 8 LBS.
PRICE: NEW \$8.95

PU-16 INVERTER
INPUT: 28 VDC 60 AMPS.
OUTPUT: 115 VAC 6.5 AMPS.
400 CYCLE 1 PHASE
Used: \$18.95
Size: 7 x 15 x 9 Wt. 38 lbs.

5D21NJ3A INVERTER
INPUT: 27 VDC 35 AMPS.
OUTPUT: 115 VAC 2.17 AMPS.
400 CYCLE 1 Phase.
Used: \$14.95 Unused \$24.95
Size: 9 x 6 1/2 x 5 1/2 WT. 20 lbs.

INVERTER
800-1-A
WT. 35 lbs.
Size 4 1/2 x 8 x 12

INPUT: 24 VDC 75 AMPS.
OUTPUT: 115 VAC 800 CYCLE
1 Phase 10.5 AMPS.
USED \$12.95



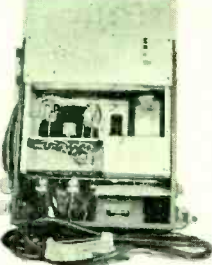
PE-237 POWER SUPPLY
VIBRATOR TYPE

INPUT: 6 VDC 27 AMPS.
12 VDC 13.2 " "
24 VDC 7 " "
OUTPUT: 525 VDC 90 MA.
105 VDC 42 MA.
6.5 VDC 2 AMPS.
6 VDC 500 MA.
1.3 VDC 450 MA.
130 VDC 17 MA.

With tubes & vibrator.
Size 10 x 10 x 17 Wt. 70 lbs.
USED \$14.95 RE-NEW \$19.95



CARTER GENEMOTOR
MOTOROLA #259K1003
INPUT: 26.1 VDC 7 AMPS
OUTPUT: 405 VDC 270 MA.
SIZE: 7x4x5; WT: 12 LBS.
USED \$2.95 NEW \$3.95



PE-120 Power Supply

INPUT: 6 VDC 4.5 AMP.
12 VDC 2.5 AMP.
24 VDC 1.5 AMP.
OUTPUT: 145 VDC 75 MA.
90 VDC 40 MA.
1.5 VDC .75 AMP.
Vibrator type voltage regu
lated complete with tubes
OB-3/VR-105, 1005 & Ballast.
Also vibrator for 12 VDC.
Size 4 1/2 x 13 1/2 x 15 1/2 WT. 29 lbs
RE-NEW \$7.95



VRC-2 DYNAMOTOR

INPUT: 5.5 VDC 31 AMPS
OUTPUT: 600 VDC 175 MA
SIZE 7 x 4 1/2 x 4 1/2 WT: 8 LBS
STK # 3H1514-5
PRICE RE-NEW \$7.95

PE-49
GASOLINE
ENGINE
GENERATOR
INPUT: 24 VDC 75 AMPS.
OUTPUT: 115 VAC 800 CYCLE
1 Phase 10.5 AMPS.
USED \$12.95

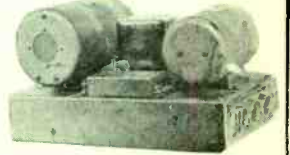


Size: 5 x 8 x 12 Wt. 35 lbs.
PE-98 DYNAMOTOR

INPUT: 14 VDC 21 AMPS.
OUTPUT: 300 VDC 260 MA.
150 VDC 10 MA.
USED \$5.95 UNUSED \$9.95

PE-94 DYNAMOTOR

INPUT: 28 VDC 10.5 AMPS.
OUTPUT: 300 VDC 260 MA.
150 VDC 10 MA.
14.5 VDC 5 AMPS.
Used \$4.95



TCS POWER SUPPLY
COLLINS 21881

INPUT: 12 VDC 14.5 AMP.
OUTPUT: 400 VDC 200 MA.
225 VDC 100 MA.
Size: 7 1/2 x 7 x 13 WT. 28 lbs.
RE-COND. \$12.95



Size 6 1/2 x 8 x 12 Wt. 30 lbs.

DY-17 DYNAMOTOR

INPUT: 27 VDC 32 AMPS
OUTPUT: 400 VDC 750 MA.
750 VDC 350 MA.
USED \$12.95



PP-868/U VIBRATOR
POWER SUPPLY

INPUT: 12 DC 2.0 AMP.
OUTPUT: 6.3 AC 1.0 AMP.
6.3 " .45 " "
1.4 DC 1.25 " "
155 DC 15 MA.
150 DC 5 " "
140 DC 50 " "
40 DC .5 " "
SIZE: 5x6 1/2 x 7; WT: 12 LBS.
PRICE: USED \$9.95

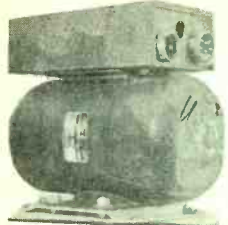


DY-9B/ARC DYNAMOTOR

INPUT VOLTS AMPS. OUTPUT VOLTS AMPS.
26 4.3 360 CONT. 135
26 7.8 310 INT. 355
SIZE: 9x5x3 1/2; WT: 10 LBS.
RE-MOVED F/EQUIP. \$9.95

GENERATOR OUTPUT 1000 VDC
350 MA & 14.6 VDC 25 AMPS.
ENG: 1 CYCL. 4 CYCLE
APPROX. 3 HP.
SIZE: 36x20x25; WT: 275 LBS.
PRICE: \$75.00

DYNAMOTORS



Size 6½ x 10 x 11 WT. 38 Lbs.
With fuses and starting relay.

ED-77 DYNAMOTOR

INPUT: 14 VDC 39 AMPS.
OUTPUT: 1000 VDC 350 MA.

PE-73 DYNAMOTOR

INPUT: 28 VDC 19 AMPS.
OUTPUT: 1000 VDC 350 MA.
used \$12.95

DM-42 DYNAMOTOR



USED
\$4.95

INPUT: 12 VDC 39 AMPS.
OUTPUT: 515 VDC 215 MA.
" 1030 " 260 MA.
SIZE: 7x7x11 WT: 38 LBS.



DN-2528-1
NEW: \$5.95

INPUT: 27.5 VDC 27 AMPS.
OUTPUT: 1000 VDC 500 MA.
SIZE: 8½x4x4 WT: 13½ LBS.



PE-98
PE-94
DYNAMOTORS
ONLY

PE-98 DYNAMOTOR ONLY
INPUT: 14 VDC 21 AMPS.
OUTPUT: 300 VDC 260 MA
-150 VDC 10 MA
SIZE: 12x5x5; WT: 26 LBS.
UNUSED \$5.95

PE-94 DYNAMOTOR ONLY
INPUT: 28 VDC 10.5 AMPS
OUTPUT: 300 VDC 260 MA
-150 VDC 10 MA
14.5 " 5 AMPS
SIZE: 12x5x5; WT: 26 LBS.
UNUSED \$4.95



DA-19A DYNAMOTOR
INPUT: 28 vdc 11 AMPS.
OUTPUT: 400 " 400 MA.
SIZE: 7½x4½x4½; WT: 13 LBS
UNUSED \$4.95

BRUSH SETS



DM-21 DM-25 DM-28 DM-32
DM-33 DM-34 DM-35 DM-36
DM-37 DM-40 DM-41 DM-42
DM-43 DM-45 DM-53
BD-83 BD-93 BD-77
PE-73 PE-86
DA-12 DA-14 DA-1A
DY-21 DY-22
SP-125 35x032
OTHER TYPES ALSO AVAILABLE
SET OF FOUR BRUSHES \$1.00



Size 3 x 3½ x 4½, Wt. 3 lbs.

DM-32 DYNAMOTOR

INPUT: 28 VDC 1.1 AMPS.
OUTPUT: 250 VDC 60 MA.
Price: Used \$2.95 New \$4.95

TYPE 35 x 032
(Same as DM-32 only 12V)

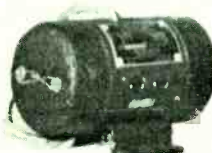
INPUT: 14 VDC 2.4 AMPS.
OUTPUT: 250 VDC 60 MA.
Price: New \$4.95

DM-53 AZ DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 VDC 80 MA.
Price: NEW 7.95

DM-53 DYNAMOTOR

INPUT: 28 VDC 1.4 AMPS.
OUTPUT: 220 VDC 80 MA.
NEW \$6.95 USED \$3.95



Size 3 x 3 x 4½, Wt. 3 lbs.

DM-45 DYNAMOTOR

INPUT: 24 VDC 1.1 AMPS.
OUTPUT: 250 VDC 50 MA.
Price: Used \$2.95 New \$4.95

DM-25 DYNAMOTOR

INPUT: 12 VDC 2.2 AMPS.
OUTPUT: 250 VDC 50 MA.
Price: Used \$2.95 New \$4.95



WEST. 12B6534 DYNAMOTOR

INPUT: 24 VDC 1.75 AMPS.
OUTPUT: 300 VDC 70 MA.
Price: Used \$2.95 New \$4.95

Size 3 x 3 x 4½. Wt. 3lbs.
Dynamotors listed below
same size only less base.

DM-6936 DYNAMOTOR

INPUT: 28 VDC 1.1 AMPS.
OUTPUT: 250 VDC 60 MA.
Used \$1.95 Unused \$3.95

DMX-310A DYNAMOTOR

INPUT: 12 VDC 2.8 AMPS.
OUTPUT: 150 VDC 100 MA.
Used \$2.95 Unused \$4.95

TYPE 5047 DYNAMOTOR

INPUT: 27 VDC 1.75 AMPS.
OUTPUT: 285 VDC 75 MA.
Used \$3.95 Unused \$5.95

RADIO NOISE
FILTER 100
AMPS. 50 VDC
GE#1C202
SIZE 4x4x2
PRICE: \$.50



Size 3 x 4½ x 6½. Wt. 5 lbs.

DM-34 DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 VDC 80 MA.
Used \$2.95 Unused \$4.95

DM-36 DYNAMOTOR

INPUT: 28 VDC 1.4 AMPS.
OUTPUT: 220 VDC 80 MA.
Used \$2.95 Unused \$4.95



Size 3½ x 5 x 5½, Wt. 3½ lbs.

FE-86 DYNAMOTOR

INPUT: 28 VDC 1.25 AMPS.
OUTPUT: 250 VDC 60 MA.
PRICE: Used \$2.95 New \$4.95



Size 3½ x 5 x 6½. Wt. 5½ lbs.

DM-28 DYNAMOTOR

INPUT: 27.9 VDC 1.25 AMP
OUTPUT: 220 VDC 70 MA
PRICE: USED \$6.95



D 401

INPUT: 12 VDC 9.9 AMP.
OUTPUT: 400 " 180 MA.
SIZE: 4x4½x7; WT: 10 LBS.
PRICE: UNUSED \$6.95

DA 14A SPECIAL WITH BASE

INPUT: 14/28 VDC 3.3/1.6 A
OUTPUT: 230 VDC 100 MA.
SIZE: 3½x3½x6; WT: 6 LBS.
UNUSED \$6.95



DM-21
DYNA-
MOTOR

INPUT: 14 VDC 3.3 AMP.
OUTPUT: 235 VDC 90 MA.
SIZE: 6x5x3; WT: 8½ LBS.
PRICE: USED \$7.95

DY-21 DYNAMOTOR

INPUT: 27 VDC 7 A
OUTPUT: 410 " 325 MA.
SIZE: 7½x3x3½ WT: 8½ LB
PRICE: USED \$7.95



Size 4½ x 5½ x 6½. Wt. 10½ lbs.

ED-83 DYNAMOTOR

INPUT: 14 VDC 6.5 AMPS.
OUTPUT: 375 VDC 150 MA.
UNUSED \$7.95

CW21441 DYNAMOTOR

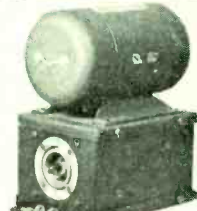
INPUT: 28 VDC 2.9 AMP
OUTPUT: 330 " 135 MA
NEW \$3.95

DM-416 DYNAMOTOR

INPUT: 28 VDC 3.1 AMPS.
OUTPUT: 330 VDC 470 MA.
Used \$1.95 Unused \$3.95

ED-93 DYNAMOTOR

INPUT: 28 VDC 3.2 AMPS.
OUTPUT: 375 VDC 150 MA.
Used \$2.95 Unused \$4.95



Size 4 x 7 x 6½ Wt. 10½ lbs.

PE-133 DYNAMOTOR

INPUT: 12 VDC 2.3 AMPS.
OUTPUT: 230 VDC 90 MA.
Used \$4.95 Unused \$6.95



Size 5½ x 6 x 8½. Wt. 12½ lbs.

TYPE 377 DYNAMOTOR

INPUT: 14 VDC 8 AMPS.
OUTPUT: 425 VDC 163 MA.
Used \$6.95 Unused \$9.95



Size 5½ x 3½ x 7. Wt. 7 lbs.

DM-40 DYNAMOTOR

INPUT: 14 VDC 3.4 AMPS.
OUTPUT: 172 VDC 138 MA.
PRICE: USED \$3.95

INPUT: 13/26 vdc 12.5/6.3A
OUTPUT: 400 " 135 MA.
800 " 20 "
9 v 80 cyc 1.12 AMP.
SIZE: 14x4½x7; WT: 15 LBS.
PRICE: NEW \$7.95
CONNECTOR PLUG 1.50



Size 4½ x 4½ x 8½ Wt. 13 lbs.

DM-35 DYNAMOTOR

INPUT: 12.5 VDC 18.7 AMPS.
OUTPUT: 625 VDC 225 MA.

NOT AVAILABLE

DM-37 DYNAMOTOR

INPUT: 25.5 VDC 9.2 AMPS.
OUTPUT: 625 VDC 225 MA.
UNUSED \$4.95



BD-69 DYNAMOTOR
INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 " 80 MA.
SIZE: 6½x6x4½; WT: 10 LBS.
UNUSED \$3.95



CAY-21772 DYNAMOTOR
INPUT: 12 VDC 3 AMPS.
OUTPUT: 235 VDC 75 MA.
SIZE: 6½x5x4 w/MTG. 7 LBS.
UNUSED \$4.95



DA 1A

INPUT: 28 VDC 1.6 AMP
OUTPUT: 230 VDC 100 MA
SIZE: 3½x3x5½; WT: 6 LBS.
UNUSED \$4.95



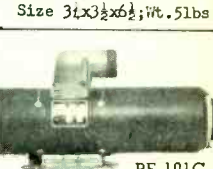
DM-32 DYNAMOTOR

INPUT: 28 VDC 5 AMPS.
OUTPUT: 575 VDC 160 MA.

NOT AVAILABLE
Size 3½ x 4 x 7½ Wt. 8½ lbs.

DY-22 DYNAMOTOR

INPUT: 28 VDC 1.8 AMPS.
OUTPUT: 210 VDC 125 MA.
Price: Used \$4.95



PE-101C

WINGCO TYPE 41S6
DUAL OUTPUT
INPUT: 13 vdc 13 A.
OUTPUT: 300 vdc 225 MA.
250 " 60 "
SIZE: 8½x4½x4; WT: 10 LB
PRICE: UNUSED \$7.95




AC-DC Motors

Hi-Speed


Gear Reduction's

Blowers

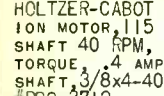


DELCO PM MOTOR 250 RPM #5067127
27 VDC WITH GEAR ATTACHED TO 1/2" SHAFT
REMOVABLE MOUNTING, 8 OZ. INCH TORQUE
REMOVED FROM NEW EQUIPMENT.
PRICE \$4.95

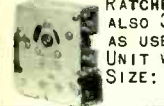
SIZE: 4x1 1/2x1 1/2
WT: 8oz. GE SAME AS ABOVE NOT PM #5BA10AJ8D \$3.95




ELECTRIC WINDING TIMER MOTOR 6 VOLT D.C.
WILL MAKE ONE REVOLUTION PER HOUR THEN
AUTOMATICLY REWIND. SHAT SIZE 5/8 X 3/16
THREADED ALSO HAS A DISC WITH ARM MOUNTED
TO IT. HOUSED IN METAL BOX 3 1/2 X 3 1/2 X 3; 1 LB
BORG#D257764 PRICE \$1.50




**HOLTZER-CABOT DUAL SPEED GEAR REDUC-
TION MOTOR, 115 V. 60 CYCLE, 1 PHASE, ONE
SHAFT 40 RPM, OTHER 165 RPM 24 OZ. IN
TORQUE, .4 AMP. MOTOR SIZE 4 1/2 X 4 1/2 X 5 1/2,
SHAFT, 3/8 X 4-40 RPM, 1/8 X 3/8-165 RPM.
#RBS-3712 \$9.95**



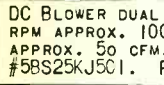
**RATCHET MOTOR, 24 VOLT DC 60 RPM CONTINUOUS
ALSO 3 POSITION STOP. BAND SWITCH ASSEMBLY
AS USED IN R-5/ARN-7 COMPASS RECEIVER.
UNIT WILL ALSO OPERATE ON 18 TO 24 VDC.
SIZE: 3x4 1/2; WT: 1 1/2 LBS. STK# 609-ARN-7
PRICE: \$1.25**



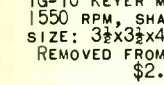
**WESTINGHOUSE BUSINESS MACHINE MOTOR 25 MHP
115 VOLTS 50/60 CYCLE .5/.4 AMPE
TYPE FL 4.0/3.0 MFD. 1425/1725
RPM. SIZE: 4 1/2 X 4 X 4; WT: 5 LBS.
SHAFT 5/16 X 3/8 FLATENED. FOR USE
IN RUBBER SHOCK MOUNTING BRACKE
PRICE: NEW \$2.95**




**TELETYPE MOTOR AC; 110 VOLT 60 CYCL
1 PHASE, NON-SYNCHRONOUS, 1/25 HP,
1800 RPM, 1.25 AMP.; DOUBLE SHAFT
1 1/2 X 3/16 X 5/8 X 3/16, MOTOR SIZE 5 1/2 X
5 X 5; WT: 13 LBS. GE#28478
USED \$4.95**



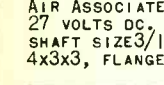
**DC BLOWER DUAL OUTLET; @ 24 VDC 3000
RPM APPROX. 100 CFM; @ 12 VDC 1500 RPM
APPROX. 50 CFM. SIZE 10 X 5 X 5; WT: 5 LBS.
#5BS25KJ5C1. PRICE USED \$1.95**



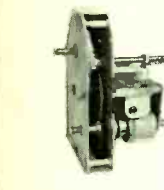
**TG-10 KEYER MOTOR 115 VOLT 60 CYCLE
1550 RPM, SHAFT 1-7/8", GEARED TO 80 RPM.
SIZE: 3 1/2 X 3 1/2 X 4 1/2; WT: 3 LBS. #3H3000-3
REMOVED FROM TG-10 EQUIPMENT
\$2.95**




**ELECTRO COUNTER & TIMER MOTOR, 115 VOLT
60 CYCLE, 14 RPM, USED TO TURN TUNERS,
HIGH POWER TORQUE, INTERMITTENT OPERATION
SIZE: 3x4x3; WT: 2 LBS. #MA201752 \$1.50**



**AIR ASSOCIATES MOTOR EE-763, 1/10 H.P.
27 VOLTS DC, 6 AMPS, 3500 RPM.
SHAFT SIZE 3/16 X 5/8, MOTOR SIZE
4x3x3, FLANGE MTG. 4 LBS. \$2.95**




**PM MOTOR ASSEMBLY & GEAR TRAIN
USED IN R-44 RECEIVER FOR REMOTE
TUNING. CONTAINS DELCO PM MOTOR
#5069370, 10,000 RPM ATTACHED TO
A GEAR ASSY. THAT HAS TWO SHAFTS
80 RPM AND IS GEARED TO TWO
SHAFTS WITH 3" & 1/2" GEARS THAT
THAT TURN AT 40 & 80 RPM. ASSY
SIZE 4 1/2 X 6 X 3; SHAFT SIZES 1/2 X 3/4
WT: 3 1/2 LBS. STK.#3H3100-15
PRICE: \$4.95**




**GENERAL ELECTRIC 58A25DJ300
24 VDC @ 2 AMPS., 4500 RPM, REVER-
SIBLE, GOVERNOR CONTROL MAGNETIC
BRAKE, FLANGE MOUNT, SIZE 2 1/2 X 5 1/2,
WT: 3 LBS., SPLINED SHAFT 3/16 X 7/8
PRICE: \$2.95**




**DELCO P.M. MOTOR #5069466, 27.5 VDC
IN ALUMINUM CASE GEARED TO WORM GEAR
MOTOR SIZE 1 1/2 X 1 1/2 X 2 1/2, 10,000 RPM.
CASE SIZE 2 1/2 X 2 1/2 X 2 LESS MTG. SIZE.
WORM GEAR 2000 RPM, WT: 2 LBS.
STK# 3H3100A-1 PRICE: \$2.95**




**John Oster type C 24A-1B - KS-5829-
01 27 VDC 1/100 HP 7000 RPM DC
Series Motor 2" D X 3" L. Shaft
1/2 X 1 Wt. 1 lb. Price \$.75**




**6 VOLT DC MOTOR, REVERSIBLE 1/20 H.P.
SHAFT 1/2 X 3/4, FRONT END MOUNTING STUDS,
MOTOR SIZE 3 1/2 X 3; WT: 4 LBS. APP 3000 RPM
G16VDC-R PRICE: \$1.25**




**Windshield Wiper Motor 24VDC. Very power-
ful. May be used wherever an oscillation
motion is desired such as stirring or
agetation. Size 2 X 3 1/2 X 3 5/8. Shaft ex-
tends out 1 1/2" from the Motor. Wt. 1 lb.
10 oz. Stock No. 10024. Price.....\$2.95**




**Delco 5069370 27 VDC Reversible PM
Motor and Gear assm. in an Aluminum
case. Output speed is 80 RPM through a
friction clutch to a double shaft 1/2 X
3/4 on one side, 1/2 X 1 1/2 on the other.
Size complete assm. 3 5/8 X 2 X 4 1/2 ex-
cluding shaft. Has built in noise
filter system. Wt. 1 lb. 5 oz.
Price..... \$ 4.95**



**Same Motor as used in above
assm. Size 1 1/8 X 1 1/2 X 2 1/2.
Wt. 4 Oz. Price..... \$2.95**




12 VOLT D.C. MOTOR
LEECE NEVILLE 12 VOLT D.C. MOTOR
5000 R.P.M., 1/20 H.P. SHAFT 1/2 X 1 1/2
MOTOR 3 1/2 X 3; WT: 5 LBS. BRONZE BEARING
#R&R-12 VDC \$1.95




**BENDIX BAND CHANGE MOTOR #AC56566-2
OPERATES FROM 28 VDC. THREE POSI-
TION POSITIVE STOP. WITH SWITCHES
& WAFER ASSY. SIZE: 6x3x2 WT: 1LB.
PRICE: \$2.95**




**DELCO 5069790 PM 100 R.P.M.
27 VDC WITH GEAR ATTACHED TC
1/2 INCH SHAFT 1/2 INCH LONG.
MOTOR SIZE 1 1/2 X 4. WT: 8 OZ.
PRICE: \$3.95**




**Bendix LM108J 24VDC. 1/25 HP 15,000 RPM
Series Motor. Geneva Loc. Actuator. Shaft
rotates 1/2 revolution and stops and is
locked in place until next contact is
made then the cycle is repeated-time per
cycle app. 3 seconds. Size 4 X 2 1/2 X 5 1/2.
Shaft size 1/2 X 1/2. Wt. 1 lb. 14 oz.
Price..... \$ 4.95**




**General Electric 58A25MJ424 - Type BA
24 V @ 4.2A 7100 RPM 1/20 HP Flange
mount motor size 2 1/2" X 5". Shaft size
1/2 X 1 Wt. 3 1/2 lbs. Price..... \$1.95**



**ELECTROLUX Motor 28.5 VDC. 1.8 AMPS.
2200 RPM. 1/35 H.P. SHAFT SIZE 1 1/2 X 1 1/2
MOTOR SIZE: 4 1/2 X 3 1/2 WT: 5 LBS.
PRICE: \$3.95**




**C-259/APW-1 MOTOR PUMP & CYLINDER
SAMPSEL P.M. MOTOR WITH 2 1/2" PRESSURE
PUMP AND 2 1/2" VACUUM CYLINDER WITH 3
RELAYS, MICRO SWITCH ETC. OPERATES
FROM 28-28 VDC.
SIZE; 8x6x6; WT: 10 LB. NEW \$6.95**



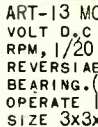
**FLYER ELECTRIC MOTOR HEAVY DUTY
115 VOLTS AC-DC 50-60 CYC. 78 AND
33 1/3 R.P.M. 9x5x4 WT. 10 LBS.
PRICE: \$1.50**




**MERCURY MOTOR 8100, 115 VOLT 60 CYCLE, 1750
RPM, OPEN FRAME 3x2 1/2x2, SHAFT 1/2x1 1/2, WT: 1 LB.
PRICE: \$1.00**




**John Oster Shunt Motor B-9-1 27 1/2 VDC
@ .7A. 5600 RPM. Aluminum Cased Motor
and Gear assm. Motor is flange mount-
ed to the Gear case. 2 gear reductions
22 and 5 1/2 RPM on 1/2 X 1 1/2 shafts. Size
2 3/4 X 3 X 7". Wt. 1 lb. 14 oz.
Price.....
\$1.00**




**ART-13 MOTOR 28
VOLT D.C 3900
RPM, 1/20 H.P.
REVERSIBLE, BALL
BEARING, (WILL
OPERATE 12 VOLT
SIZE 3x3x3 1/2; 2LB. #B-101/803/
800. PRICE: \$1.95**




**OSTER 10 CFM Blower
John Oster motor C2BP-1A
27.5 VDC 1/100 HP 6000
RPM with blower 10CFM.
Size 3 1/2 x 3 1/2 x 4 1/2 Wt 1 1/2**




**400 CYCLE BLOWER
Eastern Air Devices
10 CFM Blower 115 Volt
400 cycle, 1/100 HP
motor. Size 3 1/2 x 3 1/2 x 4 1/2
Wt. 1 lbs.
PRICE: \$2.95**




**PINCOR BLOWER
Cast Aluminum hous-
ing shunt type motor
24 VDC 5000 RPM, 10
CFM blower. Motor
noise filtered. WT 1lb
10 oz. Size 3 1/2 x 4 1/2.
PRICE: \$2.95**




**OPEN TYPE BLOWER
Delco motor 5069267 27 VDC
6000 RPM, reversible shunt
type, flange mount. WT 1 lb
size 1-3/4x2-5/8x2 1/2.
Motor-Blower \$1.95 Motor only \$1.50**




**DELCO PM Motor 12 VDC
10,000 RPM, GEARED
TO ASSY. APPROX 250
TO PLASTIC WHEEL &
POT. 4x3x2; 1 LB.
#5092543/2 \$4.95
MOTOR ONLY 3.95**




**PHILCO GEAR REDUCTION
NO. 441-1008, 24 VDC,
3.7 RPM 40 LB. IN. TOR-
QUE, SHAFT 5/16 X 5/8,
MOTOR 4x3 1/2 X 5 1/2; 4 LBS
\$5.95**




**NAVY PM MOTOR
27 VDC
1/150 H.P.
5000 R.P.M
SHAFT 3/4 X 3/16
MOTOR 1 1/2 X 1 1/2 X 2
WT: 8 oz. STK# J942-BU0-676213
PRICE: \$1.95**




**CAMERA MOTOR
Open frame used in aircraft
cameras 12 Volt AC-DC
Double end shaft 1/8
x 1/2, motor size 2 1/2 x
2 1/2, 5000 RPM. # CM-120
Price\$1.95**




**ACTUATOR
LINEAR, RATED LOAD LBS.
STAT.-200, TEN.-25-50
COMP.-25-50, TRAVEL 2 1/2"
MOTOR 115V 400 CYCLE, 6000 RPM.
DUTY 1/10, H.P. .04, TORQ. OZ. 11
6.7 WITH LIMIT SWITCHES. USED
AIRESEARCH#35906-30 \$2.95**



**LINEAR ACTUATOR, STAT. 750,
TENS. 375, COMP. 200, ARM. TRAI
5-7/8", MOTOR 115 V. 400 CYCLE
6000 RPM, DUTY 1-10, HP .04
SIZE 1 1/2 X 3/4; WT: 5 LB. USED
AIRESEARCH#31914 \$3.95**



**D.C. ACTUATOR 26 V.
1.5 A. DUTY 3/20
HP .015, RPM 7500 \$2.95
STATIC 600, TEN. 130
COMPR. 90, TRAVEL 1 1/2"
8x5x3; 4 LB. ELA-3-139-2**




**HEAVY DUTY
REVERSIBLE
TYPE GEAR
HEAD MOTOR
JOHN OSTER
#KU-11-IR
28 VDC 100 - 200RPM
8 AMP 2 1/2 LB. FT.
torque. Size 7 1/2 x 10 x 4 1/2. WT. 12 lbs
Shaft size 7/16 x 3/4. Price \$5.95**




BULLS EYE LIGHT
DULL FINISHED BRASS, DOUBLE CONTACT, BAYONET BASE, RED LENS
1" MTG. HOLE W/ 12 VOLT BULB LAM-44, SIZE 1 1/2 x 3. #276125-22
PRICE: 39¢ EA. 3 FOR \$1.00


ALNICO MAGNETS
ALNICO BAR TYPE MAGNETS
(1) ONE INCH X 1/2 X 1/8
ORIGINALLY USED IN MICRO PHONES. #948 12 FOR \$1.25




SW-206EP-15
20 POSITION ROTARY SWITCH WITH SIX DECKS.
2 1/2" DIA. PRICE: \$2.95




CERAMIC COIL FORM F/ ART-13 ANTENNA LOAD
SIZE 2" x 5". NO WIRE 50¢ WITH WIRE \$1.00



RUBBER SHOCK MOUNTS
MTG HOLES 2" CENTERS
6 LB. #6 \$.35
14 LB. #14 \$.50
10 LB (ILLUS) #5150 .40



CERAMIC COUPLER 2"
DIA. 3/4" SHAFT EA. SIDE
STK#SWTU-5 PRICE: \$.50



GIANT 4 CONTACT CERAMIC FOR 872, 211 ETC. 3/8" RO.
GE#ML7461594-G1
PRICE: USED \$.39




GIANT 4 CONTACT CERAMIC SOCKET FOR 715, 718 ETC. 3/8" RE
STK#Z27684.98
PRICE: NEW \$.50




GIANT TUBE SOCKET
7 CONTACT FOR 813
4E27A ETC. 2 1/2" RO
GE#M7466795-1/442
PRICE: \$.75 USED



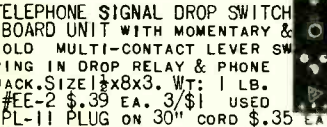
REGULATOR CURRENT
AUTOMOTIVE TYPE
OPEN FRAME 50 AMP.
SIZE 2 1/2 x 2 1/2 x 1 1/2 LB
ORD.#G1026184433
DEL CO#1884042 \$1.00



TERMINAL STRIPS WITH CLIPPED WIRES
AMT. TERMINALS - 6 - 8 - 10 - 12 - 14
1" WIDE EACH .15 .20 .25 .30 .35
1 1/2" WIDE " .20 .25 .30 .35 .40



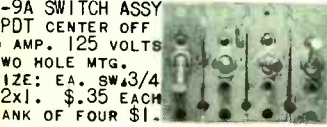
8 BINDING POSTS 7
ON A BAKE-LITE STRIP, THUMB SCREW TYPE
TERMINALS. REMOVED FROM EQUIP
PRICE: \$.35 EA. 3 FOR \$1



TELEPHONE SIGNAL DROP SWITCH
BOARD UNIT WITH MOMENTARY & HOLD MULTI-CONTACT LEVER SWIRING IN DROP RELAY & PHONE JACK. SIZE 1 1/2 x 3. WT: 1 LB.
#EE-2 \$.35 EA. 3/\$1 USED
PL-11 PLUG ON 30" CORD \$.35 EA.

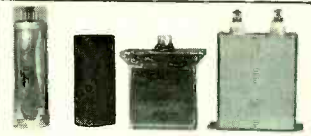


SW-118 SWITCH ASSY.
SPST, ONE SIDE HOLDING ON - OTHER SIDE MOMENTARY ON, CENTER OFF
SWITCH SIZE 2 x 1, CASE SIZE 2 1/2 x 1.
PRICE: \$.35 EA. 3 FOR \$1.00




B-9A SWITCH ASSY
SPDT CENTER OFF
5 AMP. 125 VOLTS
TWO HOLE MTG.
SIZE: EA. SW3/4 x 2 x 1. \$.35 EACH
BANK OF FOUR \$1.

Capacitors



MFD	VDC	SIZE	PRICE
2000	15	1 1/2 x 4 1/2 RO	\$.59
6000	75WVDC	3 x 4 1/2	3.95
1000	50	1 1/2 x 4 1/2 RO	.55
25M	25WVDC	3 x 4 1/2	2.95
24000	3	4 x 3 RO	1.50
4	400	2 1/2 x 3 1/2 x 1 1/2	.25
5x5	400	3 1/2 x 3 1/2 x 2	.50
10	400	4 x 4 x 1	.75
.5	500	1 1/2 x 1 1/2 x 1 1/2	.20
2	600	1 1/2 x 4 x 1	.25
4	600	3 1/2 x 2 x 1 1/2	.50
6	600	4 x 2 x 1 1/2	.75
7	600	4 x 4 x 2	.85
10	600	3 1/2 x 4 x 1 1/2	1.10
2 1/2 / 2 1/2 / 5	"	6 x 4 x 2	.75
1	1000	1 1/2 x 2 x 1	.50
2	1000	1 1/2 x 4 x 1	.95
15	1000	3 1/2 x 4 1/2 x 2 1/2	2.95
1-1-1	1200	3 1/2 x 3 1/2 x 2 1/2	1.00
1	2000	2 x 3 x 1	1.25
.5	2500	3 1/2 x 3 x 1	.75

MFD	VAC	SIZE	PRICE
5	660	3 1/2 x 4 1/2 x 1 1/2	1.95
15	330	3 1/2 x 5 1/2 x 1 1/2	1.75
1	1000	3 1/2 x 4 x 2	.75



POTENTIOMETER 100 WATT, 100,000 OHM IN 20 STEPS 5000 OHM EACH WITH HEAVY DUTY CONTACTS & INSULATED TERMINALS 7 SHAFT. DAVEN#1373
SIZE: 5 1/2 x 3 1/2, SHAFT 1-3/8 x 3/8. WT: 1 1/2 LB. STK#Z27281-3
\$1.25



POTENTIOMETER PRECISION TYPE, WIRE WOUND, 2 SEC 10,000 OHMS EACH 6 W. 3 SOLDER LUGS EA. SEC. SIZE 3x5 1/2. WT: 1 LB. STK#Z27284-29 \$.75

MFD	VDC	SIZE	PRICE
156K	106K	605K	405K
15 MF	10 MF	6 M	4 M
1000	600 V	600	600

MFD	VDC	SIZE	PRICE
15	1000	3 1/2 x 4 1/2 x 2 1/2	\$1.95
10	600	3 1/2 x 4 1/2 x 1 1/2	1.10
6	600	4 x 2 x 1 1/2	.75
4	600	3 1/2 x 2 x 1 1/2	.50
8	1500	3 1/2 x 5 1/2 x 2 1/2	3.95


Switches

Switches removed from new equip.

TYPE	MTG	VOLTS	ST#	PRICE
S.P.S.T.	NUT	3A/125	SW-105	.20
S.P.D.T	"	"	8839K1	.35
4.P.S.T.	"	"	8883K2	.55
D.P.S.T	"	"	8822K1	.35
D.P.D.T.	"	"	SWP221	.50
S.P.S.T.	"	"	8817K2	.25
(Momentary)	"	"	"	"
D.P.D.T.	"	"	ST-22R	.40
(Momentary one side)	"	"	"	"




SWITCH HEAVY DUTY TAP SWITCH 5 POSITION FOUR HOLE MOUNTING
SIZE: 2 1/2 x 2 1/2 x 1 1/2
STK# 329627 \$1.50



ANTENNA CIRCUIT SWITCHING SWITCH 100 WATT
Size 4 1/2 x 2-3/4"
3/Make 3/Break
#329626 \$2.50

Vibrators



VB-16/6, 12 or 24 volt for PE-237 \$3.95

TYPES LISTED BELOW \$1.95 Each

VB-1 1/6 volt for PE-117 PE-97 & PE-237 (Same as VB-7)

VS-3 (6 volt for PE-104 (Same as Mall-550C))

G53/12 volt for PE-110

VB-8 1/2 volt for PE-157

VB-9 1/6 volt for PE-157

VB-11 1/4 " for PE-120

VB-12 1/6 " for PE-120

VB-13 1/2 " for PE-120


Rheostats



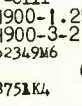
OTHER VALUES IN STOCK WRITE FOR YOUR NEEDS

STK.#	WATTS	OHMS	PRICE
30993	25	50	\$.50
25250	25	250	.50
154	150	25	2.95
4582	50	6	.60
41132	50	7.5	.50
353-5049	50	8	.75
15822	50	17	.60
5020	50	20	.75
5895 (DUAL)	50	20	1.50
489485	50	25	.75
32229	50	60	.75
3836	50	250	.75
351KK	150	350	2.95

Breakers

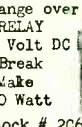


CAT. # VOLTS AMPS. PRICE
P-0111 125 AC 12 \$1.50
3H900-1.25 115 AC 1 1/2 A 1.00
3H900-3-2 115 AC 3 A 1.00
62349M6 117 AC 1.25 2.50
(3 POLE)
8751K4 30 DC 10 .50




ANTENNA Change over RELAY
12 Volt DC
2 Break
2 Make
100 Watt
Stock # 206191/L1 Price \$3.95

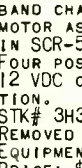
Relays



DYNAMOTOR STARTING
Relay 14 volt DC
S.P.S.T. 43 AMP.
Stock#3H1777A/3
Price \$2.50



RATCHET TYPE BAND CHANGE MOTOR AS USED IN SCR-522
FOUR POSITION 12 VDC OPERATION.
STK# 3H3112
REMOVED FROM EQUIPMENT.
PRICE: \$2.50



SPERTI VACUUM SWITCH AS USED IN ART-13
TRANSMITTER KEYING RELAY
DESCRIBED BELOW, SPDT
STK#3Z9847-4.5 PRICE \$11.50

Kits \$1.00



DISC CERAMIC CONDENSERS 33 ASST. 15MMF-.61MFD. Good Value \$1.00 a KIT




TUBULAR CONDENSER 50 ASST. .00025 to .1 200 to 600 V \$1.00 a KIT



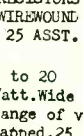
MICA CONDENSERS 25 ASST. 10 MMFD To 6800 MMFD. \$1.00 a KIT



TRIMMER CONDENSERS 25 ASST. 3 to 280MMF WIDE RANGE \$1.00 KIT.



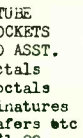
RESISTORS INSULATED 50 ASST. 1/2, 1 & 2 Watt wide range of good values 50 ASSORTED \$1.00




RESISTORS WIREWOUND 25 ASST. 5 to 20 Watt. Wide range of values some tapped. 25 ASST \$1.00



VOLUME CONTROLS 10 ASST. Popular Values \$1.00




TUBE SOCKETS 20 ASST. Octals Loctals Minatures Wafers etc \$1.00



PILOT LIGHT SOCKETS 25 ASST. Bayonet Screw etc. \$1.00



TERMINAL STRIPS, Tie lug strips, ASST types, 25 for \$1.00



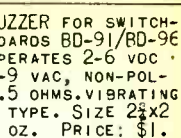
TERMINAL LUGS, ring spade, crimp types. Wide variety of sizes for all uses in clear plastic box, Approx 200 PCS \$1.00



ROTARY SWITCHES BRAND NEW
ORDER NOW 6 FOR \$1.00



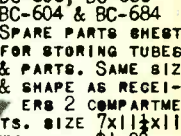
HARDWARE KIT NUTS, WASHERS SCREWS, RIVET GROMMETS ETC. 1 1/2 LBS. \$1.00




BUZZER FOR SWITCH-BOARDS BD-91/BD-96 OPERATES 2-6 VDC 4-9 VAC, NON-POLARIZED; 10.5 OHMS. VIBRATING ADJUSTABLE TYPE. SIZE 2 1/2 x 2 1/2 x 1 1/2; WT: 4 OZ. PRICE: \$1.



PE-109B INVERTER FILTER, MALLORY NF-1-2/ LELAND B-2037, REF. 120
STK.#3H2575-109B
3 1/2 x 3 x 2 1/2; WT: 2 LB
NEW \$1.50



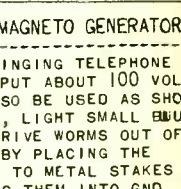
METAL BOX WITH REMOVABLE TOP, CUTOUPS FOR AC OUT LETS & SWITCH. SIZE: 6 1/2 x 4 1/2 x 4 1/2 PRICE: \$.50



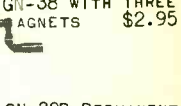
ALARM BELL OPERATES ON 24 VDC. 4 1/2 x 4 1/2 x 2 1/2 # 561-3 \$1.25



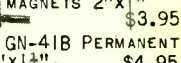
HORSESHOE MAGNETS
5 lb. Lift 2 1/2 x 2 3/8" 1 lb. \$.50
25 lb. Lift 2 1/2 x 2 1/2 x 1 1/2 1 lb. 2.90



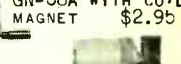
HAND TYPE MAGNETO GENERATOR
USED FOR RINGING TELEPHONE LINES, OUTPUT ABOUT 100 VOLTS. CAN ALSO BE USED AS SHOCK MACHINE, LIGHT SMALL BBU BULBS OR DRIVE WORMS OUT OF YOUR LAWN BY PLACING THE THE OUTPUT TO METAL STAKES AND DRIVING THEM INTO GND.



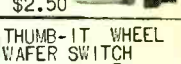
GN-38 WITH THREE MAGNETS \$2.95



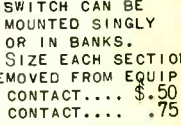
GN-38B PERMANENT MAGNETS 2" x 1" \$3.95



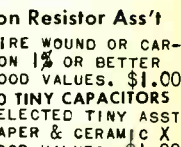
GN-41B PERMANENT MAGNETS 3" x 1 1/2" \$4.95



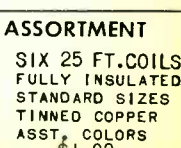
GN-38A WITH COIL MAGNET \$2.95



G-25A ROUND TYPE MAGNETO \$2.50




THUMB-IT WHEEL WAFER SWITCH NUMBERED. EACH SWITCH CAN BE MOUNTED SINGLY OR IN BANKS. SIZE EACH SECTION 2 1/2 x 2 1/2. REMOVED FROM EQUIP. PRICE: 11 CONTACT... \$.50 19 CONTACT... .75




WIRE ASSORTMENT SIX 25 FT. COILS FULLY INSULATED STANDARD SIZES TINNED COPPER ASSY. COLORS \$1.00

MINIMUM ORDER \$3.00

Power Transformer Filament Modulation Microphone Chokes



PRI: 115/230 60 cyc
SEC: 800 CT. 120 MA
6.4 4.5 AMP
5 2 "
6.3 .6 "
6.4 450 MA
Size 5x5x6 WT. 13 lbs.
Stock # 229621-380
PRICE: \$2.95



PRI: 115/230 V 60 cyc
SEC: 240 VCT 35 MA
24 V .9 AMP
6.3 " .6 "
6.3 " .3 "
Size 3x3x3 WT. 4 lbs.
Stock # FM-13-117
Price \$1.25







PLATE TRANSFORMER
PRI: 220 V 50/60 cyc
SEC: 2430-1315-0-2430-1315
1.7 AMPS
17x13x11; 250 LBS
#CS-6264 \$39.95



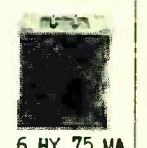
PRI: 115/230 60 cyc
SEC: 750-0-0-750
1.66 AMP @ 1.66
SIZE: 13x10x11
WT: 115 LBS.
STK# 229607-16
PRICE: \$29.50



MODULATION TRANSFORMER
Watts 20 Response
Response 200-5000-1DB
Pri. 2 6000 SEC. 2 6000
Collins #677-2010-00
Size 2x2x3 WT. 3.2 lbs
Stock# 229634.53
Price \$2.95




PRI: 115 V 60 CYC.
1200 CT 200 MA.
12.5 2 AMP.
12.5 2 AMP.
5 3 AMP.
Size 4x4x4 WT. 10 lbs
Stock # FAIR-617
Price \$8.95
DESIGNED FOR COMMAND TRANSMITTER




6 HY 75 MA
150 OHM
3x3x2 WT: 2 1/2
STK# 3C316-7
PRICE: \$.79



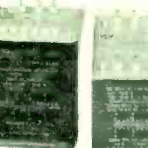
14 HY 125 MA
275 OHMS.
2 1/2 x 3 1/2 x 5 1/2
308-708-060
\$1.25




PRI: 115 V 60 cyc.
SEC: 1080 CT. 142 MA.
6.3 1 AMP.
6.3 2 AMP.
5 3 AMP.
Size 5x5x5 WT. 14 lbs
Stock # 229613.52
PRICE: \$3.95




PRI: 115 v. 60cy
SEC: 24 V. 1.5 A
5 V. 6.0 A
6x4x2 WT: 8LB
#229621-508
\$1.95



AUTO VIBRATOR TRANSFORMER
VIBRATOR 12/115CY
SEC: 248CT 90 MA
1 2.4 AM
115 CYCLE
SIZE: 2 1/2 x 3 1/2 x 3 WT4
STK# 229625-75
PRICE: \$1.50




SEC: 650VCT 50MA
6.3 " 5 A
10.2 " 13 A
25VCT 4 A
RCA#K901467-502
SIZE: 6x6x6; WT: 25
PRICE: \$5.95




500 WATT MODULATION
PRI: 6600 OHM C.T @
500 M.A.
SEC: 4600 OHM
@ 400 M.A.
TAP: 2300 OHMS 800MA
2880 WORKING VOLTS
RESPONSE 200-4000 C
FSN 5950-250-1753
\$16.95


TYPE AS FAIR#617
PRI: 115 V 60 CY
SEC: 550CT 150 MA
12 V 4 A.
5 V 3 A.
SIZE: 4x5x4; 7 LBS.
STK# FAIR-1490
PRICE: \$7.95
DESIGNED F/BC-923




DUAL CHOKE
11 HY 166 MA.
200 OHMS.
4x4x5 1/2 " WT. 8 lb
4 LBS.
GE #9T35Y283
\$1.25



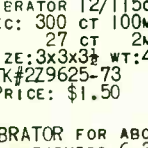
.5-.25 HY @
2-.6 AOC
7OHMS MAX
DC 535V WVM
2 1/2 x 3 1/2 x 2 1/2
4 LBS.
GE #9T35Y283
\$1.25




PRI: 115 V 60 cyc.
SEC: 624 CT. 70 MA.
6.3 2.1 AMP.
5 3 "
Size 3 1/2 x 4 1/2 WT. 8 lbs.
Stock # 229611.39
PRICE: \$1.95




PRI: 115 V/50-60C
SEC: 720 CT/200MA
12.6 3 A
6.6 10 A
5.25 3 A
S/5x4x5 WT.
STK.# 203533
PRICE: \$4.95



VIBRATOR 12/115CY
SEC: 300 CT 100MA
27 CT 2MA.
SIZE: 3x3x3 WT: 4LB
STK# 229625-73
PRICE: \$1.50




PRI: 115 V 60 cyc
SEC: 6.3 V 2.7 AMF
SIZE: 2 1/2 x 2 1/2 x 1 1/2 LB.
STK# 5950-186-9789
PRICE: \$1.50




MODULATION TRANSFORMER
WATTS: 75
PRI: 200-250 OHM
SEC: GRID 813 TUBE
WITH SIDETONE
SIZE: 2 1/2 x 3 1/2 x 3 WT 2 1/2
STK# GE7465620-1
PRICE: \$2.95


TYPE AS FAIR#617
PRI: 115 V 60 CY
SEC: 500CT 125 MA
24 V 3 A.
5 V 3 A.
SIZE: 4x5x4; 6 1/2 LB.
STK# FAIR-1424
PRICE: \$6.95
FOR R-77/ARC-3




8 HY 100 MA
160 OHMS
2 1/2 x 3 1/2 x 2 1/2; 4LB
#TR-1024
\$1.50




25 HY 160MA
350 OHM
3 1/2 x 3 1/2 x 4; 8LB
3C317-38
\$1.50




PRI: 210/230 60cy
SEC: 3000 700 MA.
TAPPED; 1500,
2100 & 1050
SIZE: 14x11x9 1/2
STK# 229607-14
PRICE: \$34.95



POTENTIAL TRANS.
PRI: 1/2/4/10/20/
40/100/200/400/
0/1000/2000 V.
SEC: 40 V 100 MA.
6x7x4 1/2; WT: 20 Lb
ESPEY# T-4 16,271
\$5.95



AUTO-ISOLATION
STEP UP-STEP DOWN
VIBRATOR FOR ABOVE
TRANSFORMERS 6.3 V
4.3 AMP. FOR 12 V
USE DROPPING RESIS
TOR.
STK# 3H6690-15
PRICE: \$1.95

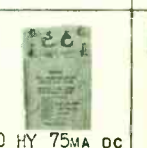


FILAMENT TRANSFORMER
PRI: 70/100/140/200
60 CYCLE
SEC: 12.6 CT -7 A
6.3 CT .9 A
6.3 CT 1.5 A
6.3 CT 1.5 A
2.5 KV TEST
SIZE: 5 1/2 x 3 1/2 x 5 1/2
STK# GE7465625-PI
PRICE: \$2.95



MODULATION TRANSFORMER
100 Watt
RESPONSE 200 to 5000
PRI: 7000 SEC: 7000
F/BC-191/375 TRANS.
size 3x4x5 WT. 5 1/2 lbs.
stock # 2c6191/T1
Price \$2.95


PRI: 115 V 60 CY
SEC: 500 CT 80 MA.
24 V 2 A.
5 V 3 A.
SIZE: 2 1/2 x 2 1/2 x 3 1/2 LB.
STK# FAIR-818
PRICE: \$4.95
FOR BC-603, 683
COMM/ARC RECEIVEI




10 HY 75MA DC
375 OHMS
1070 MV
2x2x1 1/2; 1 1/2 LB
TF1A04EA
\$0.89



17 HY 80 MA.
300 OHM
2 1/2 x 3 1/2 x 2 1/2 " WT.
STK# 3C326-31B
PRICE: \$.75




PRI: 115 V 60 CYC
SEC: 660 CT 100 MA.
6.3 5 AMP.
5 3 "
Size 4x5x4 1/2 WT. 9 1/2 lb
Stock # 6123
Price \$3.95



PRI: 115 v. 60 CY
SEC: 1540 CT. 166A
1230 CT. 257A
BOTH VOLTAGES ONE
WINDING
5.1 4.5A
6.5 4.0A
6.5 .5A
7 1/2 x 6 1/2; WT: 35 LBS
STK# 229613.53
\$7.95

PRIMARYS:
2/100 V
60 CYCLE
SECONDARYS:
2.5V 2A
7.5V 1.25
21V .1A
11V 10.0A
10V 6.5A
SIZE: 8x
4x6; 19LBS
CAY30219 \$3.95



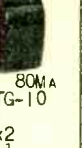
PRI: 115 V 60 CYC
SEC: 2.65V 3.5 A
2.65V 3.5 A
6.3V 3.5 A
SIZE: 3 1/2 x 5 x 3 1/2; 8LB
#BNJT-166
\$2.50

MODULATION TRANSFORMER
200 WATT
200-15000CY 10B
PRI. P.P PLATES
5400 OHM.
SEC: 600 OHM C.T
50 V.C.T.
2400 OHM 350 MA.
4x5x4; 12 LBS.
#677-0388-00
PRICE: \$4.95

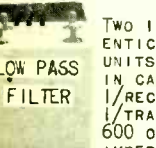
PRI: 115 V 60 cyc.
SEC: 12.5 V 2 AMP.
12.5 2 "
Size 4 1/2 x 4 1/2 x 2 1/2 lb
Stock # FAIR-5005
PRICE: \$4.95
Same style as #5005
PRI: 115 V 60 cyc
SEC: 24 V 1 AMP.
Size 2-3/4x2 1/2x2WT. 2.1lb.
Stock # FAIR-718R
Price \$1.95




5 HY 50 MA.
250 OHM.
2x2x2 1/2 " WT. 1 1/2
Stock# 30367-2
#27294
PRICE: \$.75




6 HY 80MA
P/O TG-10
SIZE: 2 1/2 x 2 1/2
WT. 1 1/2 LBS.
#27294
PRICE: \$.89



TWO IDENTICAL
UNITS IN CASE
1/REC.
1/TRANS
600 OHM
IMPED-
ANCE TO 2500 CYCLE
UNBALANCED CIRCUIT
SIZE 3 1/2 x 3 1/2 x 5 1/2;
WT: 4 1/2 LBS.
321892-1.4 \$2.95



PRI: 115 60 cyc
SEC: 2400 CT 106 MA.
Size 7x4 1/2 x 5 1/2 WT. 25 lb
Stock# 229614-152
Price \$5.95



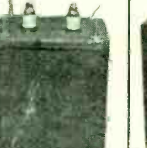
PRI: 115 V 60 CY
700CT 200 MA
700CT 60 "
2/ 5.0 2 A
2/ 6.3 .7 A
1/ 6.3 8.0 A
5 1/2 x 5 x 6
GARDNER #517
\$3.95



PRI: 230/460 60cy
SEC: 1025 CT 350MA
4 60"
SIZE: 4 1/2 x 6 1/2 x 6 1/2 32LB
STK# 229601.84
PRICE: \$2.95
USE TWO FOR 115 V

MODULATION-TRANS.
200 WATT
200-15000CY 10B
PRI. P.P PLATES
5400 OHM.
SEC: 600 OHM C.T
50 V.C.T.
2400 OHM 350 MA.
4x5x4; 12 LBS.
#677-0388-00
PRICE: \$4.95

Same style as #5005
PRI: 115 V 60 CYC.
12.5 V 1 AMP.
Size 2 1/2 x 2 1/2 x 2 1/2 WT. 1 1/2 lb
Stock # FAIR 2468
Price \$1.75



3.5 HY 200 MA
70 OHMS
3 1/2 x 4 x 3; 5 LBS
ORD.# 7629828
\$1.75



2/9.5H. 300
/50 MA
RES. 75 OHM
OIL FILLED
WT. 9LBS.
SIZE: 3 1/2 x 4 1/2 x 7
FREQ #17986
\$3.95

UTILITY BLOWERS

THE BLOWERS LISTED BELOW ARE STANDARD SHADED POLE TYPE AND ARE QUITE RUNNING WITH NO RADIO INTERFERENCE.

50 & 100 CFM BLOWERS

For Heat Boosters, Dryers, Exhausters, Drafts



\$8.95

#IC939F

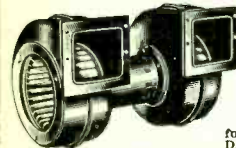


\$12.95

#2C721F

340 CFM TWIN BLOWER

For Hot & Cold Air Circulation, Exhaust, Etc.



\$20.95

#2C069F

for this 275 CFM Dayton T w in

Blower. Ideal for air circulation, forced draft, and exhausting jobs requiring more air than possible with single blower. Efficient, dependable and quiet. 4 1/2" dia. balanced wheels powered by 1550 RPM, 115V, 60 Cy. motor with 12" leads. Rubber mounted pressed steel housings with 3/4"x3" outlets. Each outlet has 4 1/2" square flange to facilitate mounting. Outlet velocity is 1960 ft./min. 4 1/2" dia. air intakes. 1 1/2" x 8 1/2" H x 8 1/2" D. Black baked on enamel. You'll like this blower's performance and the way it is built. Wt. 12 lbs.



\$8.75

#2C781F



\$10.95

#2C781F

2C781 100 CFM 115 VOLT 60 CYCLE INTAKE 3" OUTLET 2-1/8 FL 4-1/8 SIZE 5-13/16H X 6-3/4 X 6-5/16 SHPG. WT. 5 LBS. PRICE: \$10.95

2C782 15 CFM 115 VOLT 60 CYCLE INTAKE 2-7/8 OUTLET 1 1/2 FLG 2 1/2 SIZE 3-13/16H X 4 W X 3-7/8D SHPG. WT. 2 1/2 LBS. PRICE: \$8.75

108 CFM 'PANCAKE' BLOWER

Compact—Motor is Inside Blower Wheel



\$12.95

#2C067F

Steel, rubber mounted housing with baked on black enamel finish. 1550 RPM, 115V, 60 Cy. motor with 12" leads. Shpg. wt. 6 lbs.

140 CFM UTILITY BLOWER

For Exhausting, Forced Draft, Cooling, Etc.

Delivers blasts of air \$11.95



\$11.95

#2C610F

Compact, 140 CFM single inlet blower. Top performance for forced draft, ventilating, exhausting, cooling and drying applications. 5 1/2" x 4" mounting flange with 2 1/2" square discharge. Outlet velocity is 3230 ft./min. 3 1/2" dia. blower wheel direct-driven by 2800 RPM, 1 1/2 HP, 115V, 60 Cy. motor with conduit box and 20" leads. 7 1/2" W x 7 1/2" H (less flange) x 6 3/4" D. Order sample and test best 140 CFM utility blower. Wt. 9 lbs.

350 CFM DAYTON BLOWER

4 1/2" Wheel, 1/10 HP, 115 V, 60 Cy. Motor



\$22.75

#2C841F

Designed for applications that require more air than average shaded pole blower provides. Ideal for many exhausting, heating, cooling, drying, circulating, etc. applications. 350 CFM at 60" SP. 3500 ft. min. outlet velocity in free air. 5 1/2" x 2 1/2" blower wheel is direct driven by 1/10 HP, 1500 RPM, 115 V, 60 Cy. motor with conduit box and 20" leads. 11 1/2" W x 10 1/2" H (less flange) x 6 3/4" D. Baked black finish. Shpg. wt. 12 lbs.

MINE

DETECTOR

SCR-625 Famous ARMY MINE-DETECTOR USED CHECKED LESS BATTERIES \$27.95



\$32.95 WITH BATTERIES BATTERIES ONLY \$5.95 USED TO DETECT HIDDEN METAL OBJECTS IN THE GROUND OR OTHERWISE HIDDEN UP TO 24 INCHES DEEP DEPENDING ON THE SIZE, AND GROUND CONDITIONS. DETECTION IS NOTED BY A TONE SIGNAL THAT IS FED INTO THE HEAD SET OR SPEAKER UNIT THAT ARE SUPPLIED WITH THE SET SHIPPED IN CARRING CASE WITH INSTRUCTIONS, 75 LBS

CRY BUTTONS REFLECTORS, CAN BE USED TO MAKE SIGNS OR MARKERS. SHINE WHEN LIGHT STRIKES 1 1/2" DIA. REQUIRES #10 NUT FOR MTG. N#15-1. CARD OF 100 \$2.00

FLASHER

SUNBEAM #1567 115 VOLT 60 CY. 1/2 MINUTE ON 1/2 MINUTE OFF. 2 OUTPUT RECEPTACLES, LINE CORD, SWITCH, MOTOR ETC. 4 1/2"x4 1/2"x3; WT: 3LBS. \$1.75

SWITCH

HEAVY DUTY 8 CONTACT WITH 6 DIFFERENT COMBINATIONS OF MAKE & BREAK. S#40373, SIZE: 3x4 1/2"x6; 4 LBS. \$1.50

SELECTOR SWITCH

FOUR DECK, 11 CONTACTS EACH DECK. SIZE 2x3 IN. PLUS SHAFT. 3Z9825-55- STK#379825-55-29 \$1.00 ROTARY SELECTOR SWITCH, ONE DECK CERAMIC, 11 POSITION, 2" DIA. STK#329825-62-178 PRICE: \$.59 EA. 2 FOR \$1

KNIFE SWITCH

D.P.D.T. 1 1/2x2-5/8 LEVITON 9919 PORCELAIN BASE. \$.39 EA. 3 FOR \$1.00

DAVEN SWITCH

#427-EB-5 2 POLE, 9 CONT 4 DECK. SIZE 5x2 1/2"x2 1/2" WT: 2 LBS. \$2.95

WAFER SWITCH

8 DECK, 3 POLE 6 POSITION PER WAFER. (USED) #NF#8 \$1.95

CENTRIFUGAL BLOWER

120 CFM FROM 3400 R.P.M. 115V 60 CYC. CAPICATOR TYPE MOTOR WHICH REQUIRES 4MF CAP. WT. 9 LBS. SIZE: 9 1/2"x5 1/2"x6 1/2" \$10.95

ELECTRIC LOCK CONTROL SWITCH

HEAVY DUTY TWO POLE SWITCH CONTROLLED BY YALE LOCK. 4 1/2"x4 1/2"x3 1/2; 3 LB. #B986 \$3.95

MATCHING LOCKSET FOR ABOVE #P-857 \$1.95 WT: 1 LB. \$2.25 P/O RA-60 POWER SUPPLY

PPI RADAR SYNCHRONIZER OFFSET CHASSIS ASSY WITH TUBES 2/6AT6 1/6100, 1/6096, 1/6101, CERAMIC SOCKETS, 5 TEST PIN JAC PRECISION RES., COND. TRANS. SIZE 7 1/2"x5x3; 4 LBS. \$1.50 STK. No. 1013

MX-303A MAGAZINE FOR WIRE RECORDERS ANQ-1A, VRW-1 ETC. W/WIRE ON SPOOLS, MAGNETIZING HEAD, TIMERS, SWITCHES ETC. SIZE: 8x4 1/2"x3; 5 LBS. RE-NEW \$1.95

ELECTRICAL CIRCUIT TESTER

PLASTIC UNIT CONTAINING 3 ROWS OF LIGHT BULBS. 3 IN EACH ROW, WITH PLASTIC WINDOWS ON BOTH SIDES, 2, 4, 6 ONE SIDE 1, 3, 5 OTHER, SEPARATE LEADS FOR EACH ROW, CABLE 3 1/2' LG. WITH ALLIGATOR CLIP SIZE 7x3 1/2"x1; WT: 1 LB. BAYNETO TYPE BULBS 24 V. MX-241/ PRICE: \$.75

CAPACITOR BANK

IN METAL BOX. TOTAL CAPACITY 15 MFD 600 VDC 1/1, 2/2 & 2/5 6 1/2"x4 1/2"x5; 2 LBS. #R16-11687-500 \$.75

BC-610 OSCILLATOR

PLUG IN UNITS FOR 500 WATT TRANSMITTE WILL MAKE A GOOD FOUNDATIO FOR A 25-40 WATT TRANSMITTE CONTAINS VAR. CAPACITORS, COILS KNOBS, CRYSTAL SOCK. SWITCH ETC. (ALL UNITS ARE USED AND HAVE CRACKED INSULATION ON THE PLUG IN PIN TU# FREQ. MC. TU# FREQ. MC. 47 2.0-2.5 48 2.5-3.0 49 3.2-4.0 50 4.0-5.0 51 5.0-6.3 53 8.0-12.0 62 1.0-1.5 SIZE: 2x8 1/2"x4 1/2; 2 1/2 LBS. \$1.75

COILS PLUG IN

AIR TYPE 5 BANANA PINS. 3 1/2"x4 1/2; 1 LB. \$1.95

FOR BC-610 C# FREQ. MC. C# FREQ. MC. 389 4.5-5.7 447 8.0-11.1 448 11.0-14. 455 1.0-1.5 " " " " " " C-14 7.1-9.1 " " " " " " C-2 5.1-7.1

COMMAND RECEIVER

VARIABLE 3 TO 6 MC. 3 GANG WITH TRIMMERS & DIAL ASSY. 147 MMF. # 4601 4x3x3; WT: 1 LB. \$1.95

ALLIGATOR CLIP WITH SCREW CABLE HOLDER

& PINCH SPIKE AT JAWS. 2 INCHES LONG. 6 FOR \$.50

GLOBE INDUSTRIES TYPE A PHOTO-CELL ASSY. BATT. OPERATED. W/ 921 PHOTO-CELL TUBE & IS4, SENSITIVITY ADJUSTMENT, RELAY, SWITCH, OUTLET ETC. SIZE: 3x4x5; WT: 2 LBS. PRICE: USED \$2.50



IMMERSION HEATER

24 VOLT AC/DC, 50 WATTS 2 GAL- LON, 3" PRESS CAP, 4 1/2" SCREW CONE, 5 FT. CORD. HEATING SHAFT 12". WT: 4LB LFC#EA8801. PRICE: \$1.50

PHOTO-CELL LIGHT RESISTANCE TYPE

1000 OHM, 1/2" SQUARE. #5169A USED \$1.00

METSSNER COIL KIT

FOR SIGNAL SHIFTERS. PLUG-IN TYPES, 3 COIL OSC. PLATE, OSC. GRID & BUFFER COILS. EACH SET OF 3 \$1.00 ALL 3 SETS... 2.50 A-18-2951 2040 TO 2410 KC. 3C368-14 1000 TO 1170 KC. 3C250L-L-7 40 METER BAND.

ARGUS AUTOMATIC TIMER

No. 586 12 STOPS, 5-60 SECONDS, AUTOMATIC HOLD OR. REJECT ON ANY PRE-SELECTED STOP. MADE FOR SLIDE PROJECTORS CAN BE ADAPTED TO OTHER USES. 2 1/2x3x2 1/2; 2LB \$2.95

HEATING ELEMENT

115 VOLT 500 WATT SINGLE SECTION STRIP 23 1/2 LG. X 1 1/2" WIDE X 7/16" TH. METAL SHEATH & MTG. HOLES. 2LBS 2Z5015-24 \$1.50 EA.

CHROMALOK HEATING ELEMENT

115 VOLT 50 WATT STANDARD SCREW BASE, 4 1/2"x1 1/2; 1 LB. #CHR-SCB \$.75

T-67/ARC-3 C129 POWER AMPLIFIER

PLATE TUNING 4-17 MMF, 2500 V .0243 AIR GAP. SHAFT 13/16 x .31; 1/7/8x2 1/2 \$1.50

BC-624/522 RECEIVER

3 GANG 6-36 MMF EACH SECTION WITH SLUG TUNED TRIM. SHFT 5/16 STK#309036V SIZE 4 1/2"x2x3 1/2; 1LB. \$1.50

351-1013 3.5 TO 27 MMF, 13 PLAT

SIZE 1-5/8x1-5/8 x 1-5/16, SHAFT 1 1/2x3/16. \$1.75

TCS VARIABLE CAPACITOR

2 SECTIONS 10-280 MMF 1 SECTION 10-360 MMF, 4" 3 BAND DIAL CALIBRATED 1.5-3 MC 3-6 MC & 6-12 MC. WITH GEAR ASSY & LOCK. SIZE 7x3 1/2"x3 1/2; WT: 5 LBS. #W-881 PRICE: NEW \$3.95

CAPACITORS

VARIABLE CAPACITOR 5 SECTION 20-402 MMF EA. SECTION. WITH GEAR TR. AND SPLINED SHAFT, STRAIGHT SIZE: 9 1/2"x4x3; 4 LBS. #G-ARN-6 \$3.95

BC-348 C&S VARIABLE CAPACITOR, 4 SECTION

16 TO 241 MMF, WITH GEAR & COMP. 6 1/2"x2 1/2"x3 1/2; 2 1/2 LBS. #3D9016V-1 PRICE: \$1.50

BUD 40 METER TRANSMITTING COIL MOUNTED ON 5 PIN CERAMIC BASE, 18 TURNS 1 1/2" DIA. #3C804 \$1.75

BC-924 TRANSMITTER COIL

SLUG TUNED COIL 27 TO 38 MC. WITH ADJUSTING DIAL & TUNING SCALE MOUNTED ON CAST BASE. SIZE 8x1 1/2"x1 1/2. PRICE: 1.00

HAMMAR-LUND MFG #F1-475 PRICE: \$7.95

TRANSMITTER VARIABLE CAP. 42 TO 420 MFD. 3200 VOLTS. 52 PLATES, 3/32 SPACING. SIZE 8 1/2"x2 1/4 x 3 LBS.

TRANSMITTER VARIABLE CAP. 42-420 MFD. 2000 VDC, 40 PLATES 1/16 SPACING. SIZE: 6x2 1/2"x4 1/2; 2 1/2 LB. GE#7765659-PI PRICE: \$5.95

20 TO 156 MMF 31 PLATES; SIZE 4x2x3; SHAFT 3/8 GE#77660443-6 PRICE: \$1.95

22 TO 118 MMF 31 PLATES; SIZE: 4 1/2x2x3; SHAFT 3/8 GE#7463006-1 PRICE: \$1.95

6 TO 146 MMF 37 PLATES; SIZE: 1-5/16 x 15/16x1 1/2; SHAFT 7/32x7/8 #309140V-7 PRICE: \$.69

50 MFD VARIABLE 7 PLATE 1 1/2x3 SHAFT, MTG. BRK. #351-1037 \$.79

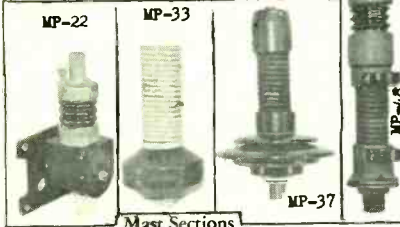
PA TUNING CAPACITOR FOR COMMAND TRANSMITTERS WITH GEAR TRAIN & DOUBLE END SHFT; SIZE 4x2 1/2"x3. STK#2C6397A/C8 PT#C-65/7321 PRICE: \$1.50

VARIABLE CAPACITOR 7 SECTIONS 1/80, 4/100 & 2/200, DRUM DIAL. 1 1/2x1 1/2x3; 5 LBS. #CA-325/BC-223 \$2.95

BC-624 R.F. TUNER ASSY. AM WITH VARIABLE CONDENSERS, COILS, SOCKETS OSCILLATOR SECTION COUPLINGS ETC. FREQ. 100 TO 156 MC. SIZE: 5x5x5; WT: 8 LBS. #2ZK11150 USED \$3.95

ANTENNAS

Mast Bases



Mast Sections

3 ft. Tubular steel, cooper coated and painted sections. These screw together to make any desired length. MS-49 being the top & smallest section increasing in size through MS-50-51-52-53 to MS-54 being the larger one. Either the MS-53 or MS-54 will fit together to form any additional height desired. Example a 33 ft. vertical may consist of one each MS-49, 50, 51, 52, and 7 each of MS-53 or it may be finished out on the bottom with 6 MS-54 sections. Self support to about 18ft. Average Wt. app. 3/4lbs. MS-49-50-51-52-53 .50gea. MS-54 .75sea

- MS-49
- MS-50
- MS-51
- MS-52
- MS-53
- MS-54

Mast Bases

- MP-22** Side mount swivel mast base will tip to 90° either right or left. Has a spring snap lock in the vertical position, will take either the MS-53 or MS-54 mast sections. Size Mtg. plate 5" 6" X 10 1/2" high. Wt. 9 lbs. Price.....\$2.95
- MP-22A** Same as above except mounting hole is for the MS-51 with the MS-49, MS-50 and MS-51. This will make a 9 ft. tapered antenna. Price \$2.95
- MP-33** A heavy weight spring mast base for the MS-53 or MS-54 with 5" phenolic insulator. 10 1/2" high. Requires a 2" Mtg. hole. Wt. 8 1/2 lbs. Price \$3.95
- MP-37** Heavy coil spring with an 8" climeter ceramic insulator. Requires a 2" Mtg. hole. 12" high Wt 10 1/2 lbs. Price.....\$5.95
- MP-48** A sprung mast base with the insulator above the rugging will take the MS-53 or MS-54 mast sections. Size 3"D. X 16 1/2"H. Wt. 11 3/4 lbs. Price.....\$2.95

PARABOLIC ANTENNA

DISH PAN TYPE, FOUR (4) FOOT DIAMETER ALUMINUM PAINTED GREY, 21" FEED FOR APPROX. 7100 MC. THREE INCH ROUND MTG. FOR WAVE GUIDE SIZE 1-5/16 X 5/8, FOUR (4) MOUNTING STUDS WITH HARDWARE. PHILCO # 463-2252-1.

SHIPPING WT. IN CARTONS 75 LBS. CRATE 225
 PRICES: WITH FEED \$29.95 LESS FEED \$25.00
 DEFROST ATTACHMENT \$5.00 EXTRA.

SIX HALF FT ANTENNA ANDREW # N-14519, DISH TYPE UY-2B 1700 TO 1850 MC. WITH FEED STUB, PIPE MOUNTING, ALUMINUM PAINTED GREY, 6 FT. 6 INCHES. SHPG. WT. 415 UNUSED \$49.50

REFLECTORS MICROWAVE, PLANE TYPE CONFIGURATION, ALUMINUM, NOT PERFORATED. MOUNTED BY FRAME WORK OF REFLECTOR AND BRACKETS WITH HARDWARE, GUYS AND ADJUSTMENT FOR AZIMUTH. SIZE: 8 FOOT X 6 FOOT, NET WT. 125 LBS. SHPG. WT. 375. PRICE: \$50.00

- AS-150/ ART Whip Antenna 30" long with 8ft. matching coax cable & SO-239 plug. \$1.50
- AS-97/ART Whip same as above except 72"rod. 1.95
- AS-27/ARN-5 Horizontal folded dipole as used with RC-103, BC-T33, ARN-5 Equip. on airplanes. 108-110 MC. UNUSED \$5.95
- AN-148 Dipole Antenna 150 to 180 MC. 2.95
- AN-104A Stub Antenna 1/SCR-522 100-156MC. 1.25

APS-2 REFLECTOR
 POLISHED SPUN ALUMINUM. BAND CAN BE REMOVED. DIAMETER 29" x 27" FOCAL LENGTH 5" HOLE DIAMETER 2 1/2" SHPG. WEIGHT 6 LBS.
 PRICE: \$5.95

IN-86 STRAIN INSULATOR
 Size 1x3 4 for \$1.

AS-65/APQ-2A ANTENNA
 ASSEMBLY CONSISTING OF 2 3" BASES WITH UG-23 COAX. CONN. AND ALUMINUM RODS 3/12", 1/9", 1/7 1/5", 1/4". WT: 4 LBS.
 PRICE: \$1.50

AN-75D WHIP ANTENNA
 ENNA TELESCOPING TYPE. SEVEN (7) FT. EXTENDED 14" COLLAPSED, WITH MOUNTING BRACKET & BINDING POST.
 PRICE: EACH \$1.50

AT-35 DIPOLE ANTENNA
 200-250 MC. COAXIAL CONN. WITH UG-22 2A288A-35 WT: 2LBS. \$1.50

SPREADER INSULATORS
 WHITE CERA 3/4"x4", 2" HOLE. CENTERS. \$1.25 EACH 5 FOR \$1.00
 3/4"x 12", 10" HOLE CENTERS \$1.45 EACH, 3 FOR \$1.25

AN-109 WHIP ANTENNA: 5 FT. TAPERED 1/4 TO 1/8
 PRICES: \$1.50 EACH SIX (6) FOR \$3.00

AN-117 WHIP ANTENNA: 6 FT. TAPERED 5/8 TO 1/8
 PRICES: \$1.50 EACH SIX (6) FOR \$3.00

AN-75 TELESCOPING WHIP 7 FT. TAPER 5/8-1/16
 PRICES: \$1.00 EACH SIX (6) FOR \$4.00

AN-745 TELESCOPING WHIP 8 FT. TAPER 5/8-1/8
 PRICE: \$1.00 EACH SIX (6) FOR \$4.00

AN-130 GOOSENECK WHIP 30", SCREW BASE FITS INSULATOR LISTED BELOW.
 PRICE: \$1.00 EACH SIX (6) FOR \$4.00

AN-20T CHROME TELESCOPING 20"
 PRICE: \$.50 EACH SIX (6) FOR \$2.00

2A-124 ALUMINUM ROD 3/8" X 6 FT. NO TAPER
 PRICE: .75 EACH SIX (6) FOR \$3.00

A-27 PHANTOM ANTENNA
 USED WITH BC-653 & BC-191 TRANSMITTERS FOR TUNING & LOADING WITHOUT REGULAR ANTENNA BEING CONNECTED. CONTAINS A 0-150 MMF. WIDE SPACED 3/16, VARIABLE CAPACITOR, 2/12 OHM 40 WATT NON-INDUCTIVE RESISTORS, MOUNTED IN A CASE 3x7x4 1/2 THAT HAS A PONIOTER KNOB AND 0-100 SCALE, ANTENNA & GND LEADS WITH COVER.
 WT: 2 LBS. PRICE: RE-NEW \$1.50

A-62 PHANTOM ANTENNA
 \$1.25 USED WITH BC-604 TRANSMITTER FOR LOADING TRANSMITTER WITHOUT USE OF REGULAR ANTENNA. CAN BE USED FOR ANY TRANSMITTER IN THE 21 TO 28 MC. BAND. HAS A VARIABLE CAPACITOR 55 MMF., 2-RESISTORS, COIL SLUG TUNED, BINDING POSTS AND INDICATOR LAMP THAT LIGHTS WHEN TRANSMITTER IS LOADED. SIZE 3x6. WT: 4 LBS

GROUND PLANE ANTENNA
 Ground plane antenna to cover 20 to 50 MC. Made from surplus insulated base & screw in type mast sections. Mounts on 1 to 2 inch pipe. Specify operating frequency range.
 \$10.95

Antenna Telesoping
AN-29 for BC-659 12 FT, 10". \$2.95
AN-45 for BC-620 8 foot \$2.95

INSULATOR TERMINAL STRIP
 8 feed thru insulators size 1/2 x 1, mounted on 1 x 9 terminal strip. Each strip \$.35 Four strips \$1.00

ANTENNA PHOSPHOR BRONZE #16
 1 CONDUCTOR WITH 2 SNAPS & SLIDE CONNECTOR, INSULATED.
 AN-22 " 20" .65

AB-52/TRC-8 HALF WAVE DIPOLE ANTENNA & REFLECTOR 230-250 MC. 50 OHM COAX. CABLE FEED DIPOLE 1/2" DIA X 20" LG. 14" SUPPORT, UG-22 COAX FITTING, REFLECTOR 36X30, FOLDS TO 30"x23"x8", MOUNTS TO MAST HEAD BY MEANS OF ADJUSTABLE CLAMPS AND CAN BE USED FOR HORIZONTAL OR VERTICAL POLARIZATION. WT: 20 LBS. PRICE: \$3.95

UG-21 COAX. CONN. TO FIT ANTENNA \$1.75

DU-1 LOOP ANTENNA FOR ARB REC. USED AS A DIRECTION FINDER IN THE 200 TO 1600 KC RANGE, OPERATING VOLTAGE IS NORMALLY SUPPLIED BY THE RECEIVER WHICH IS APPROX. 200 VDC AND 12 OR 24 VOLT DC. WITH 2/12 SK7 TUBES. SIZE: 17x12x12: 10LBS
 PRICE: NEW \$18.95
 CONNECTOR PLUG " \$1.00

AN-190 LOOP ANTENNA; FREQ- UENCY RANGE 3.5 TO 6 MC. CONSISTS OF 5 TURNS OF WIRE ON A COLLAPSIBLE WOOD FRAME WITH HANDLE, 3FT OF CABLE WITH PLUG AND COUPLING ADJUSTMENT. CAN BE USED ON OTHER FREQUENCY SIZE: OPEN 21x27 1/2, CLOSED 17x3; WT: 4 LBS. \$1.50

AS-26/APR-2 ANTENNA USED WITH R-34/APR-2 RECEIVER FREQUENCY 400 TO 1000 MC. WITH UG-22 COAXIAL RECEPTACLE. SIZE: 8x6; WT: 3 LBS. PRICE: NEW \$5.95

UG-21 COAX. CONNECTOR TO FIT UG-22..... \$1.75

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS THAT TUNES FROM 200 TO 1750 KC, OPERATES FROM 26 VOLT 400 CYCLE SIZE: 10x11x5; WT: 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95

RADAR ANTENNA RCA#636500-1 24" PERFORATED REFLECTOR, 12" STUB, 1/4 H.P. MOTOR 208 V. 400 CYC. 3 PHASE 360 DEG. ROTATION, 22.5 VARIABLE ANGLE, AY-221S RESOLVER, 36/11.8 V. 400 CYC. 2 PHASE, RELAYS ETC. SIZE: 24 x 24 x 20; WT: 40 PRICE: USED \$19.95

A P R ANTENNA
AS-125/APR ANTENNA; FOR USE WITH RECEIVERS OPERATING IN THE 1000-6000 MC. FREQ. RANGE, 6" MOUNTING RING W/HARDWARE, UG-22 COAX. CONN. RECEPTACLE. SIZE: 6x8; WT: 4 LBS. \$1.95
 UG-21 TO FIT UG-22.....50

AS-158/APA-24 DIPOLE ANTENNA
 CONSISTS OF TWO DIPOLES THAT EITHER CAN BE USED IN A HORIZONTAL OR VERTICAL POSITION; FREQUENCY RANGE 450 TO 750 MC. MOUNTED ON 34" MAST, TWO LENGTHS OF TWIN COAX. WITH PLUGS 4 1/2 FT. PRICE: \$2.50

SMALL ANTENNA INSULATORS
 Insulating material made of polystyrene
 Size 1 1/4 x 1 1/4 Mtg. hole 3/4"
 Receptacle size 3/8 x 24 TH. STOCK # 223021-227 Fits ANT. AN-130, 131, Size 7/8 x 1 1/4 Mtg. hole 5/8" Receptacle size 1/2 x 20 TH. Fits any of the UHF Rods Stock # 223062-237 Specify type each \$.75

NEON LIGHTING ARRESTOR HI-POWER 4 for \$1

VIS-O-GLOW



GENERATOR (ANGLE TRANSMISSION) ROTOR 2 PHASE 24 VOLT, STATOR 2 PHASE 20.6 VOLT 400 CYCLE. PART#BGC-15-DS-10; SIZE 1 1/2x2 1/2 (CLIFTON); \$2.95

RESOLVER TRANSMISSION GENERATOR, JOHN OSTER TYPE 15-4042-06, DWG.#C45 \$2.95

TRANSMISSION GENERATOR MFG. ARMA, TYPE 03TG-400X1, DWG#93054 \$2.95

RESOLVER MFG. BY ARMA, TYPE 03X1-400 DWG.#93001. \$2.95

RESOLVER MFG. BY CLIFTON PART#BSC-15DS ROTOR 2 PHASE 0.5-16 VOLT, STATOR 0.5-16 VOLT 400 CYCLE. \$2.95

GENERATOR INDUCTION 24 VOLT 400 CYCLE EASTERN AIR DEVICES#J2GM07-40 \$2.95

RESOLVER MFG. BY OSTER TYPE 15-4042-04 \$2.95

SERVO CONTROL MOTOR MFG. BY OSTER, 115 V. 400 CYCLE NO LOAD SPEED 5000 RPM. TORQUE 1.45 OZ. IN. \$2.95

AUTOSYN DIFFERENTIAL AY-165-A3 400 CYC, 3PHASE 11.8-3PHASE 1-1 RATIO. BENDIX \$1.95
AY-232S-38 BENDIX SAME SPEC. AS ABOVE \$1.95
AY-231S-38 " " " " " " \$1.95

AUTOSYN RESOLVERS AY221S-3-B 400 CYCLE, ROTOR 2 PHASE 26 VOLT, STATOR 2 PHASE 11.8 V. BENDIX \$1.95
AY-123D BENDIX SAME SPECS AS ABOVE. \$1.95

1-196 SIGNAL GENERATOR 160 TO 220 MC USED TO CHECK LF & HF BANDS OF IFF SETS. DRY BATTERY OPERATION USES ONE 957 ACORN TUBE VARIABLE FREQ. & TONE CONTROL, PILOT LIGHT, ON/OFF SW. ETC. HOUSED IN WOOD CASE WITH CANVAS COVER. SIZE: 8x8x14; WT: 10 LBS. REQUIRES 1.5 & 135 VDC. NEW \$2.95

ACP-T301545 MODULATOR & OSCILLOSCOPE, PART OF LAB TEST EQUIPMENT HAS VERTI/ HORIZ./INTENSITY/FREQ./ FOCUS/GAIN/MODULATION SELECTOR AND SWEEP CONTROLS FOR 19" X10" RACK MFG. WITH 3" 38PI C.R TUB 5Y3, 6C4, 5R4 & 7/12AU7, OPERATES 115 VOLT 60CY SIZE: 19X10X14; WT: 40 LBS. USED \$35.00

10-169/APN-12 RADAR OSCILLOSCOPE USED WITH VARIOUS TYPES OF RADAR IDENTIFICATION SETS FOR INDICATING INCOMING SIGNALS. (CAN BE CONVERTED TO MONITORING OR TEST USE) HAS VERTICAL, HORIZONTAL, FOCUS, SWEEP & INTENSITY CONTROL ANTENNA SWITCHING MOTOR OPERATES FROM 24 VDC AND REQUIRES UG-88 CONNECTORS. WITH TUBES 5/12AU7, 3/5726, 1/6AS6, 1/6AC5, 1/6X4 & 1/3JPI. OPERATES FROM 115 VOLT 400 CYCLE (NOT 60 CYCLE) SIZE: 9x9x16; WT: 30 LBS. USED \$9.95

PPI RANGE INDICATOR FOR T-9 TRACKER RADAR SET AN/GPG-1. OPERATES FROM 115 VOLT 60 CYCLE WITH TUBES 13/6J6, 2/12AH7, 1/6AC5, 1/6AR6, 1/6AG7, 2/6C4, 1/12AU7, 1/3DPI, 1/5ADP7 & 2/3829 ALL FOCUSING CONTROLS ON FRONT PANEL, CHASSIS ONLY, NO COVER. SIZE: 13X11X24; WT: 80 LBS. PRICE: REMOVED FROM EQUIPMENT \$24.95

AUTO PILOT

MISSILE AUTOPILOT AMPLIFIER 35 TUBES, 10/5814, 4/6AQ5, 4/6AQ4, 4/12AL5, 6/5879, 6/6AL5 & 1/5751 CIRCUITS, ROLL & PITCH, NORTH, SOUTH, EAST, WEST, GAIN & BALANCE CONTROLS, RESISTORS, CONDENSERS, TRANSFORMERS, RECTIFIERS LOADS OF PARTS MOUNTED ON A 3 SECTION ALUMINUM FRAME THAT CAN BE DISMANTLED. SIZE: 28 1/2 x 4 1/2 x 12 1/2; WT: 35 LBS. WITH TUBES \$14.95 NO TUBES \$5.00

GYRO INTEGRATING HIG UNIT MFG. BY HUGHES AIRCRAFT PART NO. 420-57-0013, CONTROL RATE OF TURN. SIZE 2 1/2x5 1/2; WT: 3 LBS. USED \$4.95

DEFLECTION PREDICTION SERVO ARMA #93600, CONSISTS OF FOUR RESOLVERS #93170, PRECISION POT. CONTROL MOUNTED ON GEAR TRAIN ASSY WITH INDICATOR DIAL SIZE: 6 1/2x3 1/2x4; WT: 4 LBS. PRICE: USED \$4.95

AZIMUTH LINE OF SIGHT SERVO ARMA#2-00003-239. CONSISTS OF RESOLVER 93170, INDUCTION GENERATOR 2-00003-903, SERVO MOTOR BM-1541A, PRECISION POT. MOUNTED ON CHASSIS WITH GEAR TRAIN ASSY. SIZE 6 1/2x4x4 1/2; WT: 5 LBS. \$4.95

P OR R ELEVATION COMPUTER ASSY; CONSISTS OF TWO SYNCHRO RESOLVER, KETAY#D-13810-1 0-100V 350 CPS, #D-13350-1 0-10 V. 400 CPS, KOLL-SMAN INDUCTION MOTOR#1515J-0430, WE MAGNETIC AMP. GA-52140, FOUR TUBES IN SEALED CIRCUITRY, A&B CONTROLS, TEST JACKS ETC. STR.# 15264 SIZE: 11x7x6; WT: 12 LBS. PRICE: USED \$6.95

GE SELSYN GENERATOR No. 2J1F1 115/57.5 v. 400 cyc. \$2.95
GE TANDEM SELSYN CONTROL TRANSFORMER No. 2JB15K1, 57.5-57.5 VOLTS 400 CYC. RATIO 31-1 \$2.95
REPEATER A.C SYNCHRONOUS TYPE IX 115 VOLT 60 CYCLE, SIZE 5x3 PRICE: \$7.95 2 FOR \$15.00

RADAR FREQUENCY AMP
R-9 RADAR FREQUENCY AMP. USED TO INCREASE OUTPUT OF TEST EQUIPMENT IN 2750-2950 MC RANGE. POWER APPROX. 6 WATTS FROM 2C40 TUBE. CONTROLS FOR POWER AND FREQUENCY. COMPLETE WITH TUBES 2C40; 6AN5; 5687; 12AT7; 2X2; 2/0A2; 0B2; 2/5Y3; 5PQ6. SIZE: 10 1/2x17 1/2x20. WT: 43 LBS. PRICE: \$19.95

SYNCHRO RECEIVERS
RECEIVERS TYPE 23TR6 PART No. 76766355, 115 V 60 CYCLE, 2"X4" SAME AS USED IN THE ABOVE UNIT. WEIGHT PER PAIR 5 LBS. PRICE: \$10.95 EACH 20.00 PAIR

A-1C SIGHT HEAD FOR GUN BOMB OR ROCKET. CONTAINS LENSES, MIRRORS, BEARINGS, GEARS, LAMPS, INDICATOR SWITCHES ETC. SIZE: 13x16x5; WT: 30 LBS. \$9.95

AUTOMATIC PILOT COMPONENT; GYRO DIRECTIONAL STABILIZER UNIT FOR "M" SERIES BOMBSIGHT AND E-6 AUTOPILOT. OPERATES FROM 24-28 VOLTS D.C. SIZE 17x12x12; WT: 50 LBS. PRICE: USED \$22.95

TS-13/AP TEST SET; CONSISTS OF SIGNAL GENERATOR, XA BAND WAVEMETER, WATTMETER, PLUMBING ETC. OPERATES FROM 115 VOLT 60 TO 800 CYCLE. USED FOR BENCH FIELD TESTING OF RADAR EQUIP. ASD, AIA, APS-3 ETC. SIZE: 20x10x12; WT: 65 LBS. PRICE: USED \$40.

TS-14 TEST SET; SIGNAL GENERATOR USED FOR FIELD TESTING OF "SA" BAND RADAR SUCH ASG, ASC, APS-2 ETC. OPERATES FROM 115 VOLT 60-800 CYCLE. SIZE 17 1/2x10x12; WT: 30LB. USED \$30.00

TS-92/AP AMPLIFIER ALIGNMENT UNIT; CONSISTS OF A RECEIVER WHICH CAN BE USED TO CHECK THE OUTPUT OF XMITTER JAMMING FOR MAX. GAIN IN THE 20 TO 250 MC. RANGE. OPERATES FROM 115 V. 60 TO 2600 CYCLE. SIZE 14x8x7 1/2; WT: 40 LBS. PRICE: USED \$29.50

SYNCHRO SELSYNS

SYNCHRO GENERATOR SPERRY PT#R5663642 MFG. BY BENDIX FOR IBM. SIMILAR TO BENDIX OPERATES FROM 26 VOLTS 400 CYCLE SINGLE PHASE WHEN USED IN CONJUNCTION WITH BENDIX # AY-201 SYNCHRO CONTROL TRANSFORMERS IT WILL OPERATE UP TO 20 UNITS. WILL ALSO OPERATE FROM 6 VOLT 60 CY. WITH A SLIGHT LOSS. SIZE: 2 1/2x2 1/2; SHAFT 1/16x3/4; WT: 12 OZ. PRICE: NEW \$2.95 2 FOR \$5.00

AY-201 SYNCHRO CONTROL TRANSFORMER MFG. BY BENDIX, ROTOR 1 PHASE 26 VOLT 400 CYCLE, STATOR 3 PHASE 11.8 VOLTS. SIZE: 1 1/2x1 1/2 SHAFT 1/2 x1/16; WT: 3 OZ. CONDITION REMOVED FROM EQUIPMENT. PRICE: \$1.95 EACH 3 FOR \$5.00

KEARFOOT R-200 SYNCHRO CONTROL TRANSFORMER. ROTOR 26 VOLT 1 PHASE 400 CYCLE, STATOR 11.8 VOLT 3 PHASE. SIZE: 1x1-3/4, SHAFT 1/16 x 1/2; WT: 3 OZ. CONDITION REMOVED FROM EQUIPMENT. PRICE: \$2.95 EACH
KEARFOOT SYNCHRO RESOLVER R-235, ROTOR 2 PHASE 26 VOLTS, STATOR 2 PHASE 11.8 VOLTS 400 CYCLE. SIZE: 1x1-3/4; SHAFT 1/16x3/4; 3oz. REMOVED FROM EQUIPMENT. PRICE: \$2.95

2J1F1 SELSYN GENERATOR NORMALLY OPERATES FROM 115/57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 36 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM TO THE RIGHT. SIZE 2 1/2x4 1/2; WT: 8 OZ. PRICE: WITH CONNECTOR CAPS. \$2.95

SELSYN SYNCHRO
NAVY TYPE SYNCHRO GENERATOR 5G MK1, Mod. 5; 115/90 V. 60 CYCLE. CAN BE USED FOR DIRECTIONAL CONTROL TO A REMOTE POSITION IN PAIRS AS TRANSMITTER & RECEIVER. EACH UNIT WILL FOLLOW OTHER UNIT IN DIRECTION AND SPEED OF ROTATION.
HEAVY DUTY GEAR TRAIN WITH SELSYN/SYNCHRO AS ILLUSTRATED, SIZE 10x8x5, WT: 12 LBS. \$7.95
SELSYN/SYNCHRO ONLY 6 1/2x4 WT: 5 " 5.95
GEAR TRAIN ONLY 10x3x5 WT: 7 " \$1.50

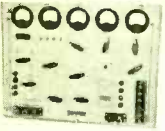
CK-2 GEAR TRAIN MOTOR
LP-21 LOOP LESS COVER
LP-21 LOOP
MC-217/507 AUTOSYN SELSYN

LP-21LM LOOP ANTENNA AS USED ON AIRCRAFT WITH RADIO COMPASS RECEIVERS FOR USE IN THE 200 TO 1750 KC. COMPLETE LOOP ILLUSTRATED TO THE LEFT. ILLUSTRATION TO THE RIGHT IS WITH HOUSING REMOVED AND IN THE CENTER ARE ILLUSTRATED THE GEAR TRAIN MOTOR, REVERSIBLE CK-2 AND AUTOSYN SELSYN MC-217/MC-507 WHICH ARE INSIDE THE BOTTOM HOUSING ALSO CONTAINED THEREIN IS A SLIP RING ASSY. MOTORS OPERATE FROM 26 VOLT 400 CYCLE BUT CAN BE OPERATED FROM 60 CYCLE AS SHOWN IN WIRING DIAGRAM BELOW.
SIZE: OVERALL 20x16x10; WT: 12 LBS. COND. USED.
LP-21-LM LOOP COMPLETE WITH HOUSING \$9.95
LP-21-LM " " LESS " 6.95
CK-2 GEAR TRAIN MOTOR ONLY 4.95
MC-217/MC-507 AUTOSYN SELSYN 3.95
PL-112 PLUG TO FIT LOOP 9 CONTACT 2.50
PL-108 PLUG " " 4 " 1.50

1-82A 5" INDICATOR
1-81A 3" INDICATOR

1-82A INDICATOR 5" ILLUSTRATED TO LEFT ABOVE 0-360 DEGREE SCALE CONTAINS A MATCHING AUTOSYN MOTOR TO BE USED WITH THE LP-21LM LOOP. OPERATES FROM 26 V 400 CYC. (60 CYC SEE BELOW)
1-81A INDICATOR 3" ILLUSTRATED TO RIGHT ABOVE 0-36 DEGREE SCALE CONTAINS A MATCHING AUTOSYN THAT WAS USED WITH THE LP-21LM LOOP. OPERATES FROM 26V 400 CYC. (60 CYC. SEE BELOW)
1-82A INDICATOR 5" USED \$7.95
1-81A INDICATOR 3" USED \$3.95 RENEW \$4.95
PL-118 CONNECTOR PLUG FOR INDICATORS 2.50EA

DYNAMOTOR TESTER



TS-414 DYNAMOTOR TESTER
THIS EQUIPMENT PROVIDES A MEANS OF TESTING DYNAMOTORS OF SEVERAL TYPES UNDER LOAD CONDITIONS. PROVISION IS MADE FOR THE MEASUREMENT OF INPUT VOLTAGE, INPUT CURRENT, OUTPUT VOLTAGE, OUTPUT CURRENT AND OUTPUT RIPPLE VOLTAGE OF BOTH SINGLE AND MULTIPLE OUTPUT DYNAMOTORS. METERS; INPUT D.C.V.; INPUT AC VOLTS RMS; DC OUTPUT CURRENT; DC OUTPUT VOLTS POWER REQUIRED: 14/28 VDC, 50 AMPS.

SIZE: 27x21x17; WT. 10 LBS. \$79.50

FLUORTEST



DACO FLUORITEST USED TO TEST 4 OR 6 WATT FLUORESCENT LAMPS 60, 120, 200 AND 400 CYC. TESTS POWER SUPPLY, FIXTURES LAMPS, STARTERS, REACTOR

CONTAINS 2 1/2" MILLIAMPER METER AND SET OF COROS. OPERATES FROM 110 VOLTS 60 CYC. WT. 15 LBS SIZE: 7x13x15 \$8.95

MICROWAVE GENERATOR



TS-147B/UP MICROWAVE SIGNAL GENERATOR

PORTABLE UNIT DESIGNED TO TEST AND ADJUST RADAR, RECON AND MICROWAVE COMMUNICATION SYSTEMS OPERATING IN THE FREQUENCY RANGE OF 8500 TO 9600 MC.

PROVIDES EITHER FM OR CW TEST SIGNALS OF KNOWN POWER LEVEL & FREQUENCY. THIS UNIT CONTAINS A DIRECT READING FREQ. METER AND POWER LEVEL METER WHICH POWER REFERENCED TO ONE MILLIWATT (DRM). USED TO MEASURE THE FREQ. AND POWER LEVEL OF THE INPUT AND OUTPUT SIGNALS. SPECTRUM WIDTH, FREQ. CHANGE, RECOVERY TIME AND STANDING WAVE RATIO. CAN ALSO BE MODULATED EXTERNALLY. OPERATES FROM 115 VOLT 50-1600 CYCLES. LESS CABLES, PLUGS, ADAPTER, PICK UP HORN. SIZE: 11x11x18 1/2; WT: 35 LBS. USED TS-147B/UP SIGNAL GENERATOR AS PHOTO \$59.50 TS-147A/UP " " SIMILAR TO " 49.50

WAVEMETER

TS-117 WAVEMETER; 2400 TO 3400 MC P/M 3 MC TRANSMISSION RANGE; P/M 6 MC. ABSORPTION RANGE; 0-50 MICR OAMP METER D.C. IN21B CRYSTAL RECTIFIER, AS-23/AP ANTENNA, UG-57U, UG-131/U ADAPTERS AND CG-183/U CABLE. TUNING CAVITY WITH CALIBRATION CHART. WOOD CARRING CASE. SIZE: 8x6x6 1/2; WT: 10 LBS. PRICE: USED \$18.95 RE-NEW 24.95



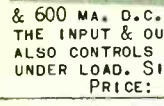
PRESSURE TRANSDUCER



PRESSURE TRANSDUCER, TESTER HUGHES 486005-110; USED FOR CHECKING AIRCRAFT PRESSURE, OPERATES FROM 24 VDC, CONTAINS PUMP, STATIC PRESSURE INDICATOR DIFFERENTIAL PRESSURE INDICATOR PRECISION PRESSURE INDICATOR VALVES, CONTROLS ETC. SIZE 22x22x15; WT: 80L PRICE: \$49.95



1-199 TEST SET DYNAMOTOR & HAND GENERATOR TESTER USED TO CHECK EQUIPMENT UNDER LOAD CONDITIONS. INPUT VOLTAGE READINGS 0-60 VOLTS DC & 60 AMPS. D.C. OUTPUT VOLTAGES 0-1200 VOLTS D.C. PERCENTAGE OF RIPPLE IN THE INPUT & OUTPUT, ALL SHOWN ON 3" RD. METERS ALSO CONTROLS FOR VARYING VOLTAGE & CURRENT UNDER LOAD. SIZE: 18x12x11; WT: 40 LBS. PRICE: USED \$29.50 NEW \$39.50



BC-638 FREQUENCY METER 100 TO 156 MC CRYSTAL CONTROL ON FOUR PRE-SET FREQUENCIES; VARIABLE TUNING WITH MAGIC EYE CONTROL. USED WITH SCR-522 AND OTHER SETS. OPERATES FROM 115 VOLT 60 CYCLE ALSO PROVISIONS FOR BATTERY OPERATION AND HAS BELCONTAINED MODULATOR. RACK PANEL MTG. 19" x7x9; WT: 35 LBS. PRICE: USED \$12.95

1-177 TUBE CHECKER

USED \$29.95

PORTABLE DYNAMIC MUTUAL CONDUTANCE TYPE WITH 3" METER FOR INDICATING GOOD, BAD OR QUESTIONABLE ALSO GAGES, SHORTS & NOISE. WILL CHECK 4 TO 7 PIN LARGE, SMALL, OCTAL, LOCTAL, ACORN ETC. WITH CHART FOR TUBES BEFORE 1953 LATER TYPES SEE BELOW. SIZE 5 1/2x15x8 1/2; 16 LBS

1-177 TUBE CHECKER ADAPTER; NEWLY MANUFACTURED UNIT TO REPLACE THE MX-949/U MILITARY TYPE. HAS SOCKETS TO TEST 7&9 PIN MINIATURE, OCTAL, LOCTAL, NOVAR AND COMPACTRON TUBES. PIN PLUGS ARE USED FOR THE TUBE SET-UP. \$26.50

BIGELOW 1-177/MX-949 SPEC. ADAPTER 1-177 SERIES TUBE SET-UP CARDS FOR USE WITH THE ABOVE DESCRIBED ADAPTER TO CHECK THE MORE MODERN TYPE TUBES. MANY TYPE ARE NOW SET UP AND YOU GET A ONE YEAR TUBE DATA SUBSCRIPTION FOR ADDITIONAL TYPES. ORDER BIGELOW 1-177 CHART.... \$4.99

TESTER ASSEMBLY T-101001

STABILIZATION TEST SET FOR AUTOMATIC PILOT. CONTAINS A 2 1/2" AC METER WITH CENTER SCALE 50-0-50 & 15-0-15, 5 POSITION METERING SWITCH FOR RANGE & 11 POSITION SWITCH FOR MEASURING VOLTAGE FROM THE EXTERNAL PIN-JACKS OR CONN. PLUG. ALSO HAS 7 TOGGLE SWITCHES, 4 LIGHTS, 2/6AL5 & 1/2C51 TUBES. IN ALUMINUM CARRING CASE. SIZE: 13x11x11. WT: 22LBS. PRICE: USED \$6.95



SIGNAL RECORDER

SIGNAL DATA RECORDER TEST SET USED FOR TESTING TAPE TYPE RECORDERS IN AIRCRAFT. OPERATES FROM 115 VOLT 400 CYCLE, WITH 2/5787W & 2 VOLTAGE REGULATOR TUBES, 3 1/2" RD. 0-50 MICRAMPERES METER, PICK-UP HEAD, CABLE ETC. IN CARRING CASE. SIZE 13x6x9; WT: 12 LBS. #7CAC-801319-628 \$24.95



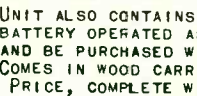
ALTIMETER TEST SET

TS-10B APN

USED FOR CHECKING SENSITIVITY, TUNING, ANTENNA SYSTEMS, CALIBRATION AND LIMIT CALIBRATIONS OF ALTIMETERS. CONTAINS 370 FT & 70 FT 58OHM RG-54A/U COAXIAL CABLE DELAY LINES, L-101 COAXIAL ATTENUATOR, ID-98 INDICATOR, 2/8 FT 1/20", 1/12" OF RG-8 52 OHM COAXIAL CABLE WITH PL-259 CONNECTOR EA. END AND 4/SO-239 CONNECTORS. COMPLETE IN CARRING CASE 19x15x7 WT 36 (SEE PAGE 5 FOR COAXIAL CABLE & CONN. ONLY) PRICE: USED \$15.00 UNUSED \$18.00

1-61 TEST SET FOR TRANSMISSION MEASURING

PORTABLE BATTERY OPERATED UNIT USED TO MEASURE LOSS ES OR GAINS IN CIRCUITS OR APPARATUS. AUDIO OSCILLATOR FREQUENCIES OF 500, 1000 AND 2500 CYCLES WITH LEVELS OF -40DBM, -20 DBM OR 0 DBM INTO A 600 OHM LOAD, THE RECEIVING AMPLIFIER IS CALIBRATED TO MEASURE LEVELS FROM A 600 OHM SOURCE BETWEEN -50 DBM & 15 DBM IN STEPS OF 0.5 DBM OVER THE FREQUENCY RANGE OF 100 TO 10,000 CYC THE 0 DBM IS ONE MILLIWATT IN 600 OHMS. UNIT ALSO CONTAINS A EE-88 FIELD TELEPHONE, BATTERY OPERATED ASSY. WITH A TS-9 HANDSET. AND BE PURCHASED WITHOUT THIS ASSEMBLY. COMES IN WOOD CARRING CASE 18x10x11; WT: 47LB PRICE, COMPLETE WITH TELEPHONE ASSY & TS-9 USED \$29.95 RE-NEW \$39.50 LESS TEL. ASSY " 19.95 " " 29.50



BC-906 FREQUENCY METER; ABSORPTION TYPE USING THE DIP OF A 500 VDC MICROAMMETER 2" FOR FREQ. INDICATION. REQUIRES BATTERIES FOR OPERATION. WITH ANTENNA 4" DIAL ETC. SIZE: 6x12x10 WT: 20 LBS. USED. \$9.95

URC-4 TEST SET

TS-684/URM-30 ANALYZER FOR URC-4 RADIO SET, ALIGNMENT AND TESTING CONTAINS 0-1 MA METER, METERING SWITCH, CRYSTAL OSCILLATOR, ANTENNA CABLES ETC. IN METAL CARRING CASE. SIZE: 6x6x4; WT: 4 LBS. NEW \$8.95



RANGE CALIBRATOR

AN/UPM-11 RANGE CALIBRATOR ELECTRONIC DEVICE WHICH PROVIDES A MEANS OF CALIBRATING ACCURATELY THE RADAR RANGE OF ANY X-BAND RADAR SYSTEM. COVERS FREQUENCY RANGE 8500-9600 MC. PROVIDES MARKERS FROM 200 TO 50,000 YARDS. CONTAINS BOTH MANUAL AND AFC TUNING. POWER REQUIRED 115V 50-1000 CYCLES. SIZE: 15x19x22. WT. 85 LBS. \$100.00

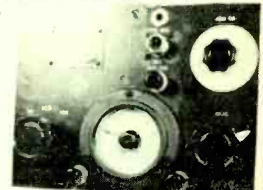


RADAR TEST SET



AN/UPM-8 RADAR TEST SET DESIGNED TO PERFORM RAPID PRE-FLIGHT CHECKS OF INSTALLED TRANSPONDERS. UNIT CHECKS TRANSMITTER AND RECEIVER FREQUENCY, POWER OUTPUT, AND PULSE SPACING SIMULTANEOUSLY. COMPLETE WITH TUBES, 6AU6; 3/60A; 2/12AT7; 2/6AH6; 6/6AN5; 2/6F4; 5876; 2/5814A; 5687; 5675; 2/6AK5; 2021W; 6AL5; 2/6X4W; 0A2WA; 0B2WA; 2/5670; 2N274. POWER REQUIRED 115V 50-1000 CYCLES. SIZE: 14x13x13 1/2. WT. 40 LBS. \$39.95

TS-36/AP X BAND RADAR POWER METER; GENERAL PURPOSE TEST INSTRUMENT USED FOR CHECKING RADAR SETS IN THE X BAND. W/O-200 DC MICROAMP METER, 3 1/2" RD. BATTERY OPERATED. ALSO HAS SQUARE WAVE GUIDE ATTACHMENT SAME AS USED ON TS-35 X BAND SIG BAND SIGNAL GENERATOR. SIZE: 9x7x6 WT: 9 LBS. PRICE: LIKE NEW \$9.95



LAF-2 R.F. SIGNAL GENERATOR USED FOR FOR ALIGNING, TESTING AND SERVICING OF RADAR & ELECTRONIC EQUIPMENT IN THE 90 TO 700 MC. RANGE, PULSE EMISSION, VOLT OUTPUT 0-100,000 MV. IMP. INPUT 10M OHMS, OUTPUT 50 OHMS, PULSE DURATION 3-300 USEC. DURAT 10N 2-300 USEC. REP. RATE 60-2500 PPS. ACC. 1%. SIZE: 13x11x11 1/2; WT: 75 LBS. PRICE USED \$75.00

LS-1 SIGNAL GENERATOR, 90- 95 MC CRYSTAL CONTROL, 0-50 MICROAMP. METER 3 1/2", BATTERY OPERATED 3/BURGESS, 5308; 45 VOLT TAPPED 22 1/2 & 2/5360; 4 1/2 V. & 2/4FA; 1 1/2 VOLT. WITH TUBES 2/3A8, 1/1Q5 & 1/1N5. UNIT ALSO HAS AUDIO OUTPUT. SIZE 12x12x11; WT: 20 PRICE: \$18.95



OAP/CHZ-60ABN WAVEMETER-OSCILLATOR 140 TO 240 MC. R.F. VTVM CIRCUIT WITH 6E5 MAGIC EYE INDICATOR TUBE. SO-239 CONNECTORS FOR INPUT CIRCUITS, WAVEMETER, V.T.V.M. OUTPUT OSCILL. OSCILL. CALIB. 50 OHM NON-INDUCTIVE LOAD. 115 VOLT 50-70 CYC SIZE: 9x15x10; WT: 35 LBS. PRICE: USED WITH CALIBRATION CHART \$14.95



COMPUTER AMPLIFIER SYSTEM CONTAINS FIVE SPERRY SYNCHRO TRANS. PT#662426-3 CONNECTED BY GEARS TO DIALS, FOUR AMPLIFIER CHASSIS WITH 2/6J6 TUBES EACH, 3 1/2" NULL METER 10x10, CABLE AND ADAPTER IN ALUM. CARRING CASE SIZE 17x10x10; WT: 35 LBS. STK#T-101023 PRICE: \$22.95



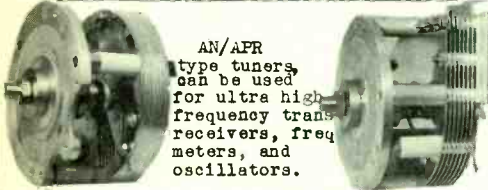
C-113/TRA-2 CONTROL UNIT, USED FOR REMOTE CONTROL OF T-14/TRC-1 TRANSMITTER, OPERATES FROM 115/230 V 60 CYCLE SUPPLIES 56 VDC @ 130 MA. FOR OPERATION OF MIC. & PHONE CIRCUITS UP TO 2 MILES FOR INTERCOM USE FROM A TWO WIRE CIRCUIT. WITH PORTABLE CASE, CABLES, RELAYS ETC. SIZE 14x9x12; WT: 30 LBS. PRICE: UNUSED \$4.95

STROWGER RELAY

STROWGER STEP BY STEP RELAY ASSEMBLY IS USED IN CENTRAL OFFICE DIAL TELEPHONE EXCHANGE. THIS IS THE HEART OF THE DIAL TELEPHONE SYSTEM AS IT HAS THE TEN STEP BANK SELECTION AND 10 STEP LINE SELECTION TRUNK LINE SENSING MECHANISM WITH NECESSARY HOLD AND RELEASE RELAYS. (THE BANK OF ROTARY STEPPING SWITCHES IS NOT PART OF THIS ASSY) SIZE 14x5x7; WT: 13 LBS. WE#ED55242-31G1
PRICE: USED \$5.95



BUTTERFLY CONDENSERS



AN/APR type tuners can be used for ultra high frequency trans receivers, frequency meters, and oscillators.

C-701
135-485 Mc
4 1/2" dia. 2 1/2" deep
Price: \$4.95

C-904
106-330 Mc
4 1/2" dia. 3" deep
Acorn socket for 955 tube.
Price: \$4.95



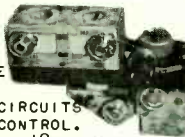
C-706
300-1000 Mc
2 1/2" dia. 2 1/2" deep
Price: \$3.95



H-3621
300-1000 Mc.
2 1/2" dia. 2" deep
Price: \$3.95

U.H.F. TUNERS

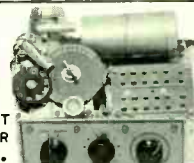
ULTRA HIGH FREQUENCY ASSY. TUNING UNIT USING 2C39 TUBE AS DRIVER AND A 2C39 AS A POWER AMPLIFIER. FREQ. OUTPUT 225-350 MC., 6F4 TUBE OSCILLATOR 112-175 MC. AND 6F4 DOUBLER CIRCUIT, TUNED CIRCUITS ARE GANGED FOR SINGLE KNOB CONTROL. ALSO HAS HAYDON 4.5 V. 75 MA. 12R.P.M. TIMER MOTOR. REMOVED FROM ARC-12 EQUIPMENT. SIZE: 10x6 1/2x4; WT: 7 LBS. #KS10362
PRICE: LESS TUBES \$3.95



ULTRA HIGH FREQUENCY TUNER; CONSISTS OF REC. R.F. AMPLIFIER MIXER, AND H.F. OSCILLATOR 225-350 MC. OUTPUT TO I.F. 15.1 MC., USES 6AK5 AND 1/12 AS6 TUBES, ALSO CRYSTAL BETWEEN 13 AND 41.5 MC., VARIABLE CONDENSERS ONE FOUR GANG 4-24 MFMD PER SECTION, OTHER 4 GANG 3 SEC. 4-25 AND ONE SEC. 5-41 MFMD, SINGLE DIAL CONTROL. REMOVED FROM ARC-12 EQUIPMENT. SIZE: 8x5x3; WT: 4 LB STK# KS-10329 PRICE: LESS TUBES \$2.95

AUTO CONTROL

ELECTRIC AUTOTUNE ASSEMBLY THAT OPERATES FROM 115 VOLT 60 CYCLE, 1/100 HP CAPACITOR TYPE MOTOR WITH AUTOMATIC GEAR & RACHETT ASSEMBLY THAT ENABLES YOU TO PRE-SET MOTOR ANY 10 POSITIONS IN 360 DEG. UNIT IS GEARED TO A TWO DECK 12 POSITION CERAMIC WAFER SWITCH THAT TERMINATES INTO A PLUG-IN SOCKET. TAKE OFF OF POWER CAN BE MADE AT BACK OF MOTOR OR CERAMIC SWITCH MAY BE REMOVED. ADJUSTMENTS FOR STOPS ARE MADE AT THE MOTOR AND THE CONTROL PANEL CAN BE LOCATED AT A REMOTE POSITION WHERE THE MOTOR STOP CAN BE SELECTED, PANEL ALSO HAS LIGHT DIMMER CONTROL AND LOCAL & REMOTE POSITION SWITCH. PART OF RDZ AUTOTUNE, COLLINS#596A RDZ#23491 SIZE: 9x4x6, WT: 7 LBS. PRICE: NEW \$5.95



MD-34/ARA-8 MODULATOR KEYING UNIT AUTOMATIC HOMING KEYING ASSY. THAT OPERATES FROM 24 VDC MOTOR THAT IS CONNECTED TO A WORM GEAR WHICH ACTUATES THE CODED WHEEL THAT INTERRUPTS THE SIGNAL AND TRANSFERS FROM ONE ANTENNA TO ANOTHER. ALSO HAS RELAY AND THREE SO-239 TYPE COAX. CONN. CAN BE USED AS A REMOTE ANTENNA CHANGE-OVER. SIZE: 3 1/2x10x4 1/2; WT: 5 LBS. PRICE: USED..... \$1.95



TP-7 REPEATER, VOICE FREQUENCY FOR USE ON FOUR WIRE LINES AS A THROUGH OR TERMINAL REPEATER. CONSISTS OF TWO, TWO-STAGE AMPLIFIERS THAT THE INPUTS AND OUTPUTS CAN BE SWITCHED FROM 300, 600 OR 1200 OHM IMPEDANCE. COMPENSATING CONTROLS FOR VARIATION OF TRANSMISSION LOSSES DUE TO THE LINE AND TO ALLOW ADJUSTMENTS IN ORDER TO OBTAIN A FLAT FREQ. RESPONSE. EACH AMPLIFIER HAS A OPERATING GAIN OF 35 DB AT 1000 CYCLE OR A POWER LEVEL OF 20 DB. OPERATES FROM 12 VDC OR 110 V. 60 CYCLE. FOR PORTABLE USE OR RACK MOUNTING. SIZE: 1x9 1/2x20; WT: 40 LBS. UNUSED \$12.95



TG-30 REPEATER, TELEGRAPH TERMINAL FOR TRANSMITTING OR RECEIVING ON A HALF DUPLEX ONE CHANNEL OPERATION. CAN BE USED TO INTERCONNECT NEUTRAL AND POLAR ENTRIAL OR TWO PATH POLAR TELEGRAPH OR TELETYPEWRITER SYSTEMS ON SIMPLEX OR COMPOSITED RETURN CIRCUITS. SPEED 60/66. OPERATES FROM 115/230 V. 50/60 CYC & 115 VDC SHIPPED IN WOOD CHEST 25x16x14; 175 LBS PRICE: USED \$12.95 RE-NEW \$16.95



TELEGRAPH REPEATER WE#61824A, TWO COMPLETE UNITS WITH RECTIFIERS THAT OPERATE FROM 115 V. 50-60 CYCLE. THE REPEATERS ARE DESIGNED TO OPERATE AT TELETYPE SPEEDS, OPEN WIRE COMPOSITED OR SIMPLEX CIRCUITS, 2 PATH POLAR OR OTHER FORMS OF TRANSMISSION. METERING, PATCHING JACKS, TESTING, MONITORING AND ADJUSTING CONTROLS ARE ALL AVAILABLE ON THE FRONT PANELS. THE UNIT IS HOUSED IN A METAL CABINET WITH A HINGED DOOR FRONT & BACK. SIZE: 22 1/2 x 17 x 4 1/2; WT: 200 LBS. RE-NEW PRICE: LESS PLUG-IN RELAYS RE-NEW \$19.95 WITH " " " RE-NEW \$34.95

SWITCHBOARD



BD-57 SWITCHBOARD FOR SCHOOL CODE PRACTICE. 20 CORDS & PLUGS WITH 60 JACKS FOR SWITCHING STUDENT AND SUPERVISORY CIRCUITS. (VO-3 AUDIO CODE OSCILLATOR ON PAGE 7 CAN BE USED TO FEED THE TONE TO THIS BOARD) SIZE: 24x10x8; WT: 35 LBS. USED \$9.95

PORTABLE REPEATER

EE-89 TELEPHONE REPEATER; PORTABLE BATTERY OPERATED, 2 WAY LINE UNIT, CAN BE USED AS TERM. OR INTERMEDIATE AMPLIFIER, USES ONE 3Q5GT TUBE, INCLUDES HEADSET ELEMENT FOR MONITORING AND GAIN CONTROL BATTERY VOLTAGE REQUIRED 1.5 & 90 VDC. IN WOOD CASE W/CARRING STRAP. SIZE: 6x9x8; WT: 12 LBS.



PN-13-A POWER CONTROL PANEL WITH 230 VOLT 60 CYCLE 9 AMP VARIAC GR TYPE 100 R ALSO WESTON 2 1/2" METER 517 25 TO 125 CYCLE 0-300 VAC ON/OFF SW. INDICATOR LIGHT FUSED TERMINAL STRIP ETC. MOUNTED ON 8x19" PANEL, 8" BEHIND PANEL. WT: 50 LBS. \$35.00



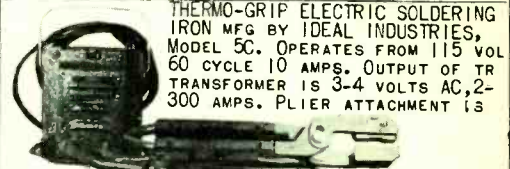
115 V. 60 cyc	1 AMP	\$200	\$5.95
115 V. " "	15 "		\$35.00
115 V. 350 "	2 "		3.95
	2 "		
(3 GANG TANDEM)			10.00
115 V. 350 cyc	10 AMP.		10.00
SAME ABOVE 3 GANG			20.00

NAVY INTERPHONE AMPLIFIER USED WITH TCS EQUIPMENT. PUSH-PULL 2/12A6 TUBES, CARBON MIC. INPUT 75-200 OHM ALSO 600 OHM. OUTPUT 125 OHM. VOLTAGE REQUIRED 12 VDC & 250 VDC 60 MA. HAS MOUNTING FOR DYNAMOTOR 35x032, 12 VOLT.

(SEE CONVERSION INFORMATION LISTED BELOW.)
KIT FOR CONVERSION TO SPEAKER OUTPUT, APPROX 5 WATTS, INCLUDES OUTPUT TRANSFORMER, MIC & PHONE JACKS, SWITCH, CABLE AND PLUG FOR PLUGGING INTO LIGHTER AND INSTRUCTIONS. \$2.00



SELECTOR CONTROL ASSEMBLY AS USED IN R-278 RECEIVER AND T-217 TRANSMITTER. UNIT CONTAINS 33 NUMBERED THUMB-IT WHEEL WAFER SWITCHES WHICH CAN BE MOUNTED SINGLY OR IN BANKS, 23 11 CONTACT, 10 19 CONTACT, ALSO 4 A.C. RELAYS ON A 10 CHANNEL GEAR TRAIN WITH 115 VOLT 60 CYCLE MOTOR, CHANNEL SELECTOR SWITCH, RESISTORS CONDENSERS ETC SIZE: 16x9x9; WT: LBS. USED W/MOTOR \$12.95 LESS MOTOR \$8.95



THERMO-GRIP ELECTRIC SOLDERING IRON MFG BY IDEAL INDUSTRIES, MODEL 5C. OPERATES FROM 115 VOL 60 CYCLE 10 AMPS. OUTPUT OF TR TRANSFORMER IS 3-4 VOLTS AC, 2-300 AMPS. PLIER ATTACHMENT IS INTENDED TO BE USED FOR SOLDERING LUGS UP TO 150 AMPS OR COPPER PIPE UP TO 3/8". PLIER IS 12" LONG AND CABLES 52". WITH SUITABLE ATTACHMENTS TRANSFORMER CAN BE ALSO USED FOR HEAVY SPOT SOLDERING AND ETCHING. WT: 30 LBS. PRICE WITH CARRING CASE \$19.95



THERMO-GRIP MIDGET SIZE SOLDERING PLIERS IDEAL NO. 12-023. THESE PLIERS ARE ONLY 9" LONG AND HAVE A 54" CABLE WITH CONNECTORS AND IS INTENDED TO BE USED WITH A 300 WATT TRANSFORMER FOR LIGHTER WEIGHT WORK. WT: 2 LBS. PRICE: CABLE & PLIERS ONLY \$2.95



BC-1141 MINE DETECTOR AMPLIFIER AS USED IN SCR-625 MINE DETECTOR. HAS SENSITIVE AMPLIFIER & TONE SYSTEM THAT WAS USED TO DETECT METALS. OPERATES FROM 2 FLASHLIGHT & 93 VOLT DRY CELLS. COMPLETE WITH TUBES 2/1N5GT & 1/1G6GT, LESS BATTERIES. SIZE: 14x6x5 WT: 10 LBS. PRICE: USED \$3.95

BC-611 TEST SET

IE-17 Test Equipment Used for testing & alignment of REC-TRANS, TESTING CRYSTALS AND MEASUREMENT OF VOLTAGE OF BATTERIES BA-37 & BA-38. CONSISTS OF THE FOLLOWING 1-135 TEST UNIT IN CASE WITH HINGED COVER & HANDLE CONTAINS MICROPHONE, EARPHONE, MULTI-RANGE 3" METER FOR CHECKING 0-3 & 0-150 VDC 0-1.5/15/60/600 MA DC & 0-60 VAC WITH MASTER SWITCH, RF & AUDIO OSCILLATOR CRYSTAL TEST & BATTERY COMPARTMENT ALSO CABLE HARNESS. CS-81 TEST CASE WHICH IS THE SAME SIZE AS THE BC-611 AND IS USED TO HOLD THE CHASSIS UNDER TEST, HAS PRESS TO TALK SWITCH AND ALIGNMENT OPENINGS. (NO MIC OR EARPHONE OPENINGS.) FT-252 TEST STAND FOR HOLDING CS-81 CASE & A-82 PHANTOM ANTENNA WHICH CONSIST OF A 3" 0-40 MA. RF METER, VARIABLE COND. & REC.-TRANS. SWITCH MOUNTED ON A BAKELITE PANEL. COMPLETE UNIT AS DESCRIBED ABOVE WITH INSTRUCTION MANUAL AND WOOD CHEST SIZE: 19x16x9 ALL IN NEW CONDITION. SHPG. WT: 44 LBS



VISUAL FLASH LAMP

USED BY AIRCRAFT OR GROUND UNITS FOR IDENTIFICATION PURPOSES. DESIGNED TO DELIVER EXTREMELY BRIGHT FLASH OF LIGHT | FLASH PER 1/2 SEC. WHICH CAN BE SEEN BY AIR. IN BRIGHT SUNLIGHT FOR 3 MILES OR 1 MILE ON THE GROUND. AVAILABLE FOR 6, 12 OR 24 V. OPERATION. CONSISTS OF A HIGH VOLTAGE CONVERTER USING A VIBRATOR TYPE POWER SUPPLY, SLYVANIA TUBE #1073. COMPLETE WITH 20 FT. CABLE SPARE PARTS & MANUAL. IDEAL FOR BOATS, PLANES, AUTO BOAT LANDINGS, COTTAGES, PHOTOGRAPHIC WORK ETC. (CAN BE OPERATED FROM 115 VOLT BY USING OUR D.C. POWER SUPPLIES LISTED ON PAGE 7) SIZE: 17x10 1/2x4 1/2; WT: 50 LBS. UNUSED \$29.50





ART-13 TRANSMITTER

100 WATT AIRCRAFT AUTOTUNE TRANSMITTER

MAKES A VERY SATISFACTORY AMATEUR UNIT FOR 80, 40, 20 AND 10 METERS. THE AUTOTUNE FEATURE PERMITS YOU TO PRESET THE FREQUENCY DESIRED ON ANY 10 PRESELECTED CHANNELS. (FOR CONVERSION INSTRUCTIONS SEE MANUALS #2 & #3 \$3.00 EA.) TUBE LINEUP 1/837, 1/813, 2/1625, 1/12S7, 2/6V6, 2/811, 2/12SL7, 1/12SA7. VOLTAGE REQUIRED 28VDC 10AMP, 400VDC, 225MA & 1250VDC 250MA. SIZE: 23x16x11 1/2 WT. 70LBS

PRICE: USED \$59.50
CONNECTOR PLUGS FOR TRANS. U/7 & U/8 \$2.50 EA.
DYNAMOTOR FOR ART-13 WITH FILTERS & RELAYS 28VDC INPUT. PRICE: USED \$12.95

NEW
CONNECTOR PLUGS FOR DYNAMOTOR U-9 OR U-10 EACH \$2.50
CU-24/ART-13 ANTENNA SHUNT CAPACITOR CONSISTS OF 3 CAPACITORS 25MMF 10KV
PRICE USED \$1.00



O-17/ART-13 LOW FREQUENCY OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 TUBE. ALL OPERATING VOLTAGES ARE OBTAINED FROM THE TRANS. POWER SUPPLY. SIZE 5 1/2 x 5 1/2 x 9; WT 4LBS. USED \$5.95



SA-22/ART-13 ANTENNA SWITCHING UNIT CONTAINS A BENDIX VACUUM RELAY LM-26G, 24VDC, 2 POSITION CERAMIC SWITCH & 4 LARGE INSULATORS SAME AS USED ON TRANSMITTER, ALSO SO-239 COAX. CONNECTOR. SIZE: 11x7x7 WT 10LBS



PRICE: NEW \$4.95

VARIOMETER COIL FOR ART-13 L-112, ROTOR & STATOR COILS WITH GEARED COUPLING. 4 1/2 x 5 x 3; 2LB. USED \$1.95



RELAY, OUTPUT CIRCUIT SELECTING, 24 VDC #K105 6x2x3; 2 LB. USED \$2.95



ART-13 AUDIO SPEECH AMPLIFIER CONTAINS TWO 6V6GT & ONE 12SU7 TUBE, CAN BE USED FOR CARBON OR DYNAMIC MIC. SIZE: 7x4x3 1/2, WT: 4LBS, USED STK#2C254 PRICE \$5.95



ART-13 CFI CALIBRATION FREQUENCY INDICATOR & MCW OSCILLATOR ASSY. USED TO PROVIDE A CONSTANT CRYSTAL CONTROLLED STANDARD OF 200 KC. IN ORDER THAT FREQ. CAN BE CHECKED ALSO 1000 CYCLE TONE. WITH 200KC. CRYSTAL & 2 TUBES SIZE 6x5x3 WT. 3LBS STK. #8Q1 PRICE USED \$6.95



POWER AMPLIFIER & SWITCHING ASSY. FOR ART-13. CONTAINS COILS L-114, 113, SWITCHING DEVICE 113B, C, D, CONDENSERS ETC. USED SIZE 8x5x3 1/2; WT: 4LBS. \$4.95



FREQUENCY MULTIPLIER CONTAINS, 2/TUBE SOCKETS, CERAMIC CONDENSERS, SWITCHING DEVICE, RESISTORS ETC. (SOME INSULATORS OR TUBE CAPS MAY BE MISSING. USED, REMOVED FROM ART-13. SIZE 6 1/2 x 2 1/2 x 5; WT: 5LB. \$6.95



SN-17/APS-10 SYNCHRONIZER, \$9.95 TRANSMITTER & RECEIVER ALSO SWEEP AND CONTROL CIRCUITS FOR THE INDICATOR. GENERATES CONTROL FOR THE PULSE RECURRENCE RATES OF 410 TO 820 CPS AND RANGE MARKS OF 0-4-25 MILES. SIZE 8x6x13; WT: 30 LBS.



TEST SET

TS-3A/AP RADAR FREQUENCY METER 2400 TO 3400 Mc USING A TUNEABLE CAVITY ALSO HAS 3" METER FOR TESTING POWER OUTPUT, 0-2 MA. MOVEMENT 0-20 SCALE. USED WITH SCR-717/720 RADAR SET. WITH CABLES, TEST LAMP, COMPUTER RULE ETC. SIZE: 8 1/2 x 8 1/2 x 8; WT: 25 LBS. PRICE: UNUSED \$9.95



AIRPORT MARKER BEACON 75MC TRANSMITTER RECEIVER

CDE-52326 NAVY MODEL MARKER BEACON TRANSMITTER PORTABLE UNIT THAT OPERATES FROM 115 VOLTS 60CYC WHICH TRANSMITS A KEYED OR A CONTINUOUSLY MODULATED SIGNAL VERTICALLY IN A BALLON-SHAPED PATTERN ON 75MC. USED AT AIRPORT LANDING FIELDS RUNWAYS IN CONJUNCTION WITH MARKER BEACON RECEIVERS THAT ARE INSTALLED IN THE PLANE THUS ENABLING THE PILOT TO KNOW WHEN HE IS OVER THE RUNWAY. (IN CONJUNCTION WITH HIS OTHER INSTRUMENTS.) WATTAGE OUTPUT (1) ONE WATT, MASTER OSCILLATOR & MODULATED CW, 400CPS, 1300CPS, 3000CPS TUBE LINEUP 4/6V6, 2/6SN7, 1/6SR7, 1/65, 2/VR150, 30 & 1/5Y3. COMPLETE WITH TUBES & DIPOLE ANTENNA & OPERATING MANUAL. SIZE: 17 1/2 x 10 x 11 WT 35LBS PRICE UNUSED \$29.95

BC-1333 MARKER BEACON RECEIVER 75MC. USED TO RECEIVE SIGNALS FROM ABOVE TRANSMITTER. WHEN SIGNAL IS RECEIVED IT OPERATES A RELAY IN THE RECEIVER WHICH IN TURN CAN BE USED TO OPERATE SIGNALS, LIGHTS, MOTORS, TURN ON EQUIPMENT ETC. VOLTAGE REQUIRED 24VDC. COMPLETE WITH TUBES 1/12SN7, 1/6SH7, 1/6SL7 SIZE: 3x5 1/2 x 5 1/2 WT. 3LBS. PRICE: USED \$2.95



C-1 CONTROL BALLISTICS BOX; FOR BOMBING NAVIGATIONAL COMPUTER PT#654573; HAS 4 DIALS WITH CONTROLS CONNECTED BY GEARS TO AUTOSYN RESOLVERS SPERRY #6624-28 SIZE 1 1/2 x 1 1/2 5 EA. #662426 1 1/2 x 2 EA. #5663478 3x2 1/2 2 EACH. ROTARY BAND SWITCH 4 DECK 10 POS. SIZE: 9x12x8; WT: 20 LBS. \$7.95

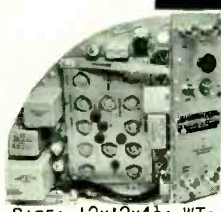


AMMUNITION FIRE CONTROL POWER DISTRIBUTION PANEL 17IE608G1 & 519E147G1; TWO DIALS THREE GEAR CONTROL, 2 THREE DIGIT COUNTERS WITH MANUAL RESET AND HOLD 24 V OPERATION, 7 SWITCHES, TERMINAL STRIPS ETC. SIZE: 11x11x5; WT: 15 LBS. PRICE: USED \$4.95



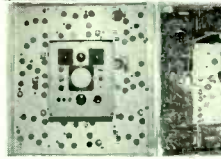
OSCILLATOR

R.F. OSCILLATOR. PART OF GKA-1 EQUIPMENT. CONTAINS SEVERAL TYPES OF BAND PASS FILTERS, VARIABLE CONDENSER, TUBE SOCKETS TEST JACKS, RESISTORS 1%, CAPACITORS, 2/UG-88 BCN COAX. CONNECTORS, PILOT LIGHT, SWITCH, POTS ETC. OSCILLATOR FREQ. APPROX. 24 KC. SIZE: 12x12x4 1/2; WT: 13 LBS. USED \$1.95



SCOPE MONITOR CONVERTER

CONVERTER-MONITOR PANEL ASSEMBLY CV-399/GPA23 PART OF COMPUTER SYSTEM. CONTAINS A GOOD 3" SCOPE FOUNDATION ASSY. USING 30PIA C.R TUBE MOUNTED ON A PANEL 10" X 12". SCOPE PANEL HAS 0-100 VERNER DIAL 1/2" PLUS CENT, FOCUS CONT. SWITCHES ETC. THE MASTER PANEL HAS 10 SEPARATE SUB-PANELS WITH LOADS OF CONDENSERS, RESISTORS TERMINAL STRIPS ALSO AUTOSYN, CONNECTORS, CONTROLS, TRANSFORMERS AND LOTS MORE. SIZE: 25 1/2 x 25 1/2 x 14; WT: 5 1/2 LBS. USED \$9.95



COMPUTER TEST PANEL PART OF GPA-23 COMPUTER SYSTEM HAS ONE SYNCHRO RECEIVER 23TR6 115 VOLT 60 CYCLE, SIZE 2" x 4", CONNECTED TO 360 DEG. 5" INDICATOR DIAL, TWO AUTOSYNS AY-201S, 1 5th POSITION 5 DECK ROTARY SWITCH, 6 PILOT LIGHTS, 10 TOGGLE SWITCHES VARIOUS TYPES, 5 BARRIER TERMINAL STRIPS, SOCKETS, POTS, CONDENSERS, RESISTORS. A REAL BONNANZA. SIZE: 17x8x11; WT: 17 LBS. PRICE: USED \$9.95



GP-7 TRANSMITTER

GP-7 NAVY AIRCRAFT TRANSMITTING, FREQUENCY COVERAGE 800 KC. TO 9050 KC. BY THE USE OF PLUG IN TUNING UNITS, AM, CW & MCW OPERATION, 30-50 WATTS VOICE & 85 TO 125 WATTS MCW DEPENDING ON THE FREQUENCY AND TYPE INSTALLATION. COMPLETE WITH TUBES 2/1616, 1/803, 1/801 1/843 & 1/523, ANTENNA LOAD COIL, PILOTS & OPERATORS CONTROL BOX, COVER & MANUAL. SET OPERATES FROM 115 VOLTS 800 CYCLE AND 12 OR 24 VOLTS D.C. AS IT HAS ITS OWN SELF CONTAINED A.C. POWER SUPPLY. THE 2 1/2" METERS ARE USED FOR MEASURING PLATE, FILAMENT & OUTPUT. THE SET IS CONSTRUCTED OF ALUMINUM AND FIVE TUNING UNITS HAVE CARRIAGE CASES WITH SNAP-SLIDE COVERS AND CARRING HANDLES. TRANSMITTER SIZE: 23x11x13; WT: 50 LBS. TOTAL WEIGHT OF ALL THE EQUIPMENT, PACKED 200 PRICE FOR COMPLETE SET AS DESCRIBED. \$29.50

GP-7 COMPONENTS INDIVIDUALLY PRICED

CAY	R.F UNIT	Kc BAND	PRICE
52173	TRANSMITTER - POWER SUPPLY		\$16.95
	PLUG-IN TUNING UNITS		
47151B	"	800-1500 "	3.95
47155C	"	1500-3000 "	4.95
47152D	"	3000-4525 "	4.95
FOLLOWING TUNING UNITS HAVE ROTARY INDUCTORS			
47153E	"	4525-6500 "	7.95
47154F	"	6200-9050 "	7.95
" EMPTY CASES FOR THE ABOVE TUNING UNITS WITH SNAP COVER AND HANDLE 1.75			
47125	ANTENNA LOAD COIL		1.95
23219	PILOTS CONTROL BOX		1.95
23220	OPERATORS "		2.95
	INSTRUCTION BOOK		7.50

W.U. INTRAFAX



TRANSMITTER SCANS THE DATA THAT IS FED INTO THE MACHINE WITH A LIGHT SOURCE AND PHOTO ELECTRIC CELL WHICH IS AMPLIFIED AND SENT BY WIRE TO THE RECORDER WHICH THEN REPRODUCES THE DATA ON SENSITIZED PAPER 1 1/2" WIDE. THE TRANSMITTER USES TUBES 1/1X2, 1/6C4, 1/6AQ5, 1/931A (PHOTOELECTRIC), LIGHT SOURCE, SYNCHRONIZING MOTORS, GEARS ETC. THE RECORDER DOES NOT HAVE ANY TUBES BUT HAS THE SCANNING MECHANISM, MOTORS, RELAYS ETC. EQUIPMENT OPERATES FROM 115 VOLT 60 CYCLE BUT DOES NOT HAVE THE POWER SUPPLY REQUIRED THE THE TUBES, PHOTO-ELECTRIC, LIGHT SOURCE AND SCANNING CIRCUITS. TRANSMITTER SIZE 18x18x7; WT: 40 LBS. #7762A RECORDER SIZE 18x12x7; WT: 33 " #7771A PRICES: BOTH UNITS FOR \$39.95 NEW

GIBSON GIRL TRANS.

EC-778 TRANSMITTER, EMERGENCY TYPE FOR USE ON THE DISTRESS FREQUENCY OF 500 KC. UNIT IS POWERED BY A HAND CRANK GENERATOR THAT SENDS AUTOMATICALLY S.O.S SIGNAL, CAN ALSO BE KEYED MANUALLY WITH 1000 CYCLE TONE MODULATION. WITH 2/12A6 TUBES AND ANTENNA WIRE REEL. (NO KITES, BALLOONS OR PARACHUTES AVAILABLE. SIZE 10x10x8; WT: 20 LBS. PRICE: TRANSMITTER ONLY USED \$29.95



T-74/CRT-3 TRANSMITTER, SAME AS ABOVE ONLY HAS DUAL CHANNEL 500 KC AND 8364 KC. MANUAL KEYING ON 500 KC. ONLY. USED \$75.00

SONOBOUY

TRANSMITTER WITH PARACHUTE USED TO DROP FROM AIRCRAFT IN ORDER TO MARK LOCATIONS. SENDS MCW SIGNAL 70-90MC BATT. OPERATED WITH TUBES 3/1L4, 1/3Q4 & 1/3A4. WHEN UNIT IS DROPPED 6" RAYON PARACHUTE OPENS, WEIGHT ON BOTTOM OF SET IS LOWERED BY A SPINNER TYPE REEL & NYLON LINE THAT TURNS A PROPELLER STABILIZER AND CONTROLS THE RATE OF FALL. UNIT ALSO HAS A 40" FLEXIBLE WHIP ANTENNA AT THE TOP & A COIL TYPE DIPOLE ON THE BOTTOM. IN WATERPROOF CONTAINER 50" Lx7" DIA. WT 30LBS. STK# AN/CRT-4 PRICE: \$9.95



POWER SUPPLIES



RECEIVER POWER SUPPLY & SPEAKER FOR THE FOLLOWING SETS
 R-23/ARC-5 BC-453 BC-342
 R-24/ARC-5 BC-454 BC-344
 R-25/ARC-5 BC-455 BC-348
 R-26/ARC-5 BC-946 BC-429
 R-27/ARC-5 RAX

COMPLETE WITH 6" DYNAMIC SPEAKER HOUSED IN A METAL CABINET WITH CONNECTING CABLE, PLUG, PHONE JACK, VOLUME CONTROL, BFO SWITCH ETC. IF REQUIRED. CAN ALSO BE USED FOR OTHER SETS. OUTPUT 200/250 VDC @ 90/60 MA. & 24 VAC @ 2A. INPUT 115 VOLT 60 CYCLE. SECIFY FOR WHAT SET. SIZE: 10x10x6; WT: 15 LBS. NO. P.S.(SET NUMB.) PRICE; KIT OF PARTS \$15.00 WIRED \$18.95

BC-652 RECEIVER POWER SUPPLY WITH SPEAKER SAME AS ABOVE; KIT \$20.00; WIRED \$23.95



BC-603/BC-683 RECEIVER P.S. DESIGNED TO BE PLUG IN-TO THE SAME PLACE AS THE DYNAMOTOR WITH NO CONVERSION TO THE SET THAT WILL EFFECT THE OPERATION FROM THE DYNAMOTOR. ONLY WORK REQUIRED ID ADD ON/OFF SWITCH IN PLACE OF SPAR FUSE HOLDER. TRANSFORMER TYPE USING 5Y3GT TUB

OUTPUT 220 VDC 80 MA. & 24 VDC 2 A. WT: 5LBS. NO. P.S.603/683 KIT \$10.00 WIRED \$14.95



BC-923 RECEIVER POWER SUPPLY

OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 275 VOLTS DC, 150 MA. & 12.6 VOLTS AC. 4 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5U4G TUBE, CHASSIS, WIRING DIAGRAM, LINE CORD ETC. SIZE: 5x6x9; WT: 15 LBS. PRICES: KIT OF PARTS...\$16.00 #PS-923 WIRED.... 20.95

R-77/ARC-3 RECEIVER POWER SUPPLY

OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 210 VOLTS DC @ 125 MA. & 24 VOLTS AC @ 2 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5Y3GT TUBE, CHASSIS, LINE CORD ETC.#PS-R77/ARC-3 SIZE: 5x6x9; WT: 14 LBS. (LAYOUT SAME AS923) PRICES; KIT OF PARTS..\$15.00 WIRED \$19.95

POWER SUPPLY No.7630019. OPERATES FROM 115 VOLT 60 CYCLE DUAL HIGH VOLTAGE OUTPUT 400 DC 200 MA & 400 DC 200 MA. ALSO 6.3 VAC 2.75 A. & 6.3 VAC 5.5 A WITH 2/5R4GY TUBES. SIZE: 10x7x15; WT: PRICE: \$19.95



CABLE WITH 18 CONTACT PLUG TO FIT P.S \$2.00



POWER SUPPLY No.7630020VR VOLTAGE REGULATED, OPERATES FROM 115 VOLT 60 CYCLE. OUTPUT 200-250 DC. @ 150-250 MA. ALSO 6.3 VAC 2.75A & 6.3 VAC 5.5 TUBES 2/6AS7G, 1/VR-105, 1/6AK7 & 1/5R4G. WT: 30 LBS. SIZE: 11x10x6 \$18.95

CABLE WITH 18 CONTACT PLUG TO FIT POWER SUPPLY PLUG, 4 FOOT \$2.00

POWER SUPPLY 763003 (MODIFIED) OUTPUT 375 VDC @ 225 MA & 6.3 VAC @ 2.75 A, 6.3 VAC @ 5.5 A. INPUT 115 VOLT 60 CYCLE. WITH 2/5R4GY TUBES. SIZE: 9 x 13 x 7; WT: 35 LBS. PRICE: \$14.95



CONNECTOR 18 CONTACT \$2.00

PP-662/GPN POWER SUPPLY, VOLTAGE REGULATED, 300 VDC 10 TO 90 MA. PLUS POTENTIAL, 210 VDC MINUS. WITH TUBES 4/5651, 2/6AH6, 1/12AT7, 2/6AS7, 1/5Y3 & 1/5R4. OUTPUT PIN JACKS WITH ADJUST METERING SWITCH, FUSED OUTPUT & INDICATOR LIGHTS. SIZE: 10x8x20; WT: 35 LBS. NO. COVER OR PLUG IN RELAY. PRICE: USED \$14.95



DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE CORD, PILOT LIGHT, LINE FUSE ETC. INDICATED RATINGS ARE FOR LOAD CONDITIONS.

DUAL OUTPUT 12/14 OR 24/28 VDC @ 6 AMPS. SIZE 7x6x13; WT: 17 STK#PS-12/24VDC6A KIT OF PARTS...\$20.00 WIRED COMPLETE... 24.95



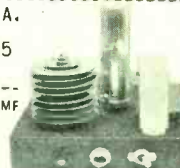
OUTPUT 12/14 VOLTS DC @ 6 AMPS. SIZE: 5x9x5; WT: 20 LBS. STK#PS-12VDC6A KIT OF PARTS...\$14.00 WIRED COMPLETE... 18.95



OUTPUT 24/28 VOLTS DC @ 4 AMPS. SIZE: 5x9x5; WT: 12 LBS. STK#PS-24VDC4A COMPLETE WIRED..\$17.95 KIT OF PARTS... 13.00

OUTPUT 12/14 VOLTS DC @ 4 AMPS. SIZE: 5x9x5; WT: STK#PS-12VDC4A COMPLETE WIRED..\$14.95 KIT OF PARTS... 10.00

OUTPUT 24/28 VOLTS DC @ 1 1/2 A. SIZE: 7x6x5; WT: 6 LBS. #PS-24VDC1.5A WIRED..\$10.95 KIT OF PARTS \$8.00



OUTPUT 12/14 VOLTS DC @ 2 AMP SIZE: 7x6x5 WT: 7 LBS. #PS-12VDC2A WIRED..\$9.95 KIT OF PARTS..... 7.00

MOBILE SUPPLY



AVA-126 VIBRATOR POWER SUPPLY; OUTPUT 300 VDC 100 MA. OPERATES FROM 6, 12 OR 24 VOLTS D.C WHEN THE PROPER VIBRATOR IS USED, OCTAL BASE. SUPPLIED WITH 6 VOLT VIBRATOR (USED WITH AVT-112 AIRCRAFT TRANS) ILLUSTR. COVER REMOVED. UNUSED SIZE: 7x7x7; WT: 12LBS. \$4.95



RA-42A POWER SUPPLY; RACK MOUNTING 19", 115/230 VOLT 60 CYCLE OPERATION, OUTPUT 200 TO 250 VOLT D.C. 100 MA 2 1/2" VOLT AND MILLIAMPER METER HOUSED IN CABINET 19"x7"x8"; WT: 30 LBS. RA-42A WITH METERS RE-NEW 9.75 USED \$9.95 RA-42B LESS " 6.75



POWER CONVERTER

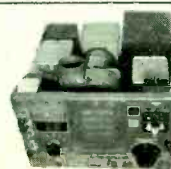
TRANSISTORIZED POWER CONVERTER 12 VOLTS D.C. TO 117 VOLTS A.C. POWERFUL 125 WATTS CONTINUOUS DUTY WITH POWER TO SPARE FOR EXTRA YEARS OF SERVICE. PLUGS INTO CIGAR LIGHTER OF AUTO OUTLET AND WILL OPERATE LIGHTS, SHAVERS, RADIOS PHONOS OR MOST ANY EQUIPMENT DRAWING 10 TO 125 WATTS. SIZE 5x5x4; WT: 4 1/2 LBS. PRICE: \$29.95 (NEWLY MANUFACTURED)

VIBRATOR PACK

PP-68 VIBRATOR PACK CONVERTS 6 OR 12 VOLTS DC TO 115V 15 WATT OR 50 WATT TO RUN SMALL APPLIANCES. IDEAL FOR USE ON CAMPING TRIPS. INPUT: 6 OR 12 VDC OUTPUT: 115 V 60CYC 15 OR 50 WATTS. SIZE: 9x8x7 1/2 WT. 22 LBS. USED \$9.95



RA-94 POWER SUPPLY USED WITH BC-779 SUPER-PRO OR BC-794 REC. 115/230 VOLT 60 CYCLE INPUT, 19" RACK PANLE MTG. 10 1/2" H x 11" D. P.S OUTPUT 270 VDC & 140 VDC 150 MA. ALSO 6.3 FOR FILAMENTS. w/ 523 & 80 TUBE. SHPG. 100 LBS. USED \$19.95 USED CHECKED \$22.95



PP-115/TRC-8 POWER SUPPLY OUTPUT 550 VDC 350 MA & 6.3 VAC CT. 6 AMPS. WITH 2/5U4G, 115/230 V 60 CYCLE SIZE: 12x8x14; WT: 50 LBS. ILLUSTRATION SHOWS 115 V APPROX. 100 CFM BLOWER. WITH BLOWER..\$19.95 LESS " ... 16.95

NEW



COAXIAL CABLE

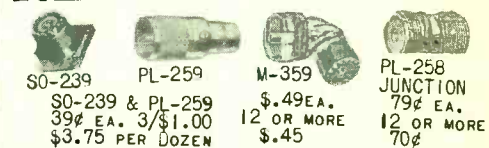
NEW MANUFACTURE AND BRANDED WITH STANDARD TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-BETWEEN LENGTHS USE THE HIGHER PRICE. LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

		100 FEET	500 FEET	1000 FEET	5000 FEET
RG-8/U	52 OHM	.10	.09	.08	.08
RG-11/U	75 "	.09	.08	.07	.07
RG-58/U	75 1/2 "	.04	.04	.03	.03
RG-59/U	73 "	.04	.04	.04	.03

PRICES ARE PER FOOT

NEW COAXIAL CONNECTORS



TYPES MAYBE ASSORTED TO OBTAIN THE LOW PRICE

Coaxial Cable

FOR LESS THAN 3c Per Foot!

RG-54 A/U CABLE-



DESIGNED FOR LONG LIFE & CONSTANT ATTENUATION 58 OHMS,.250 OD. WITH POLYETHYLENE JACKET.

370 FOOT ROLL \$10.00 70 FOOT ROLL \$ 1.95

LESS THAN SPECIFIED LENGTHS .03 PER FOOT

COAX CABLE ASSY

TYPE	OHMS	LENGTH	CONNECTOR	STOCK#	PRICE
RG-8/U	52	60 FT.	2/UG-21	CG-55	2.95
RG-8/U	52	30 FT.	2/UG-21	CG-55	1.75
RG-11/U	75	32 INCH	2/UG-21	CD-1259	.25
RG-21/U	53	10 FT.	UG-21/22	CD-780S	.35
RG-22/U	95	40 FT.	1/PL-284	CD-879	.75
RG-22/U	95	46 1/2 FT.	1/PL-284	CD-878	.80
RG-22/U	95	50 FT.	1/PL-284	CD-877	1.00
RG-26/U	48	30 FT.	2/UG-34	3E4392-	1.50
RG-62/U	93	10 FT.	2/UG-88	CG-1410	.35
RG-62/U	93	22 FT.	2/UG-88	CG-1410	.75
RG-62/U	93	35 FT.	2/UG-88	CG-1410	1.00
RG-62/U	93	130 FT.	2/UG-88	CG-1410	1.95

RG-8/U 52 8 FT. 2/PL-259 CA-102 .75

ATTENUATOR

IMPEDANCE MATCHING ASSEMBLY WITH 52 OHM CABLE 20" LONG, PL-259 CONNECTORS EACH END AND ATTENUATOR WITH 3" SLIDING ADJUSTMENT AND FEED THRU CONNECTORS EACH END. ATTENUATION 30 DB TO 100 DB 30 TO 450 MC. Stock# 22396-7 PRICE: USED \$1.25 UNUSED \$1.95



CABLES

CABLE NO.	PLUG NO.	LENGTH	USED WITH	PRICE
3E7243-2	GK12-23 1/2	52"	TCS/Rec-ps	\$2.75
3E7273-19	SKC16-2 1/2	29"	TCS/Trs-ps	2.75
CD-515		48"	BC-669	5.95
CD-501	F/BC-654 & PE-103			4.95
CD-548	2EA. PL-118	9 FT.	TEST SET	4.95
CD-549	2 " PL-112	9 FT.	TEST SET	4.95
CD-526	2 " PL-153	5 FT.	274N SERIES	4.95
CD-532	2 " PL-152	5 FT.	" "	2.75
CD-509		8 FT.	BC-659/620	2.75

MULTI OUTPUT SUPPLY

RA-105 POWER SUPPLY; INPUT 115 VOLT 60 CYCLE, OUTPUT D.C VOLTAGES 2400 VDC (FOR SCOPE) 544, 415, 295, MINUS VOLTAGES 1480, 290, 110, FILAMENT VOLT. 6.45 @ 12 AMP. AND 6.45 @ 10 A WITH TUBES 3/5U4G, 3/2X2 AND 1/6X5GT ALSO HAS FUSED LINES, CIRCUIT BREAKERS AND LIGHT INDICATORS. SIZE: RACK MTG. 24"x24"x10; WT: SHPG. 200 LBS. GOV'T RE-COND. \$14.95



Control Boxes Filters Indicators Tuning Units Amplifiers

METAL STAND
W/RUBBER FEET
BASE 8x11x13
LEGS 13x13x16
2 1/2" HIGH.
ORIGINALLY USED
AS RECORD HOLDER STAND, CAN
BE USED AS BOOK, FLOWER, TV,
RADIO OR WHATEVER YOU CAN
USE IT FOR. WT: 4LB. 75¢

SWIVEL BASE AS
USED ON THE BOTTO
OF TV SETS, 5"
SQUARE, HAS 1/2 TURI
STOP THAT CAN BE
REMOVED FOR 360 DEG. ROTAT
ION. 2LBS. 75¢

VACUUM CAPACITOR

VACUUM CAPACITOR 3 MMFD 15
KVDC, PLUS OR MINUS 10%
W/CONNECTORS. SIZE 5/8x4
JENNINGS TYPE Y-3 N. \$1.95

Beam Filter
NAVY TYPE RANGE BEAM FILTER
1020 CYCLE ACCEPTANCE OR
REJECTION.
PRICE: WITH PL-55 \$1.95
NO PL-55 1.50

TL-150 TUNING WAND
FOR BC-659, BC-620 \$.75

SIDE BAND Loading Coil
C-114 - \$1.50

PHONE PATCH TRANSFORMER
C-161 - \$1.50

ID-304/APA-70
COURSE INDICATOR
WITH 2 CROSS-
POINT MICROAMP-
METER MOVEMENTS
50-0-50 & -25-0-75, ON/OFF
SWITCH. WESTON #888, SIMIL-
AR TO 1-101C F/GLIDE RECEIV
3 1/2x3 1/2x4; 3 LBS. NEW \$4.95
CONNECTOR TO FIT... 1.50

KLAXON HORN
USED ON AIRCRAFT
LANDING GEAR SIG-
NAL. OPERATES 24
VDC, CAN BE ADJ-
USTED FOR 12 VDC ALSO FOR
SOUND, GIVES OUT RASP. NOISE
5x5x3; 4 LBS. UNUSED \$1.50

FLASHER POSITION LIGHT, PERIODIC
AIRCRAFT TYPE
C-2, CONTAINS
2 FLASHER G-107
BALLAST TUBE,
24 VDC RELAY OPDT, COND, RES
SIZE: 4x4x4; WT: 2 LBS. USED
PRICE: \$1.00 EA. 2/\$1.50

THREE DIGIT COUNTER AS
USED IN BC-
461 REEL BOX
HAS RESET &
#6ZK3414A SPLINE SHAFT
EXTENSION. 2 1/2x1 1/2x1 1/2. \$1.00

THREE DIGIT COUNTER
OPEN TYPE, BEVEL GEAR
STK. #773 \$.50

FOUR DIGIT COUNTER
FULLY ENCLOSED &
BEVEL GEAR.
VR# S-30 \$.65

C-60/AP CONTROL BOX. METER 2 1/2"
0-150 VOLT 400
CYCLE, TWO MICRO
SWITCHES AND ADJ
CONTROL. SIZE 6 1/2
x6 1/2x3; WT: 3LBS. USED \$1.95

BC-1366 BC-345
C-4/ARN-7 RADIO COMPASS
CONTROL BOX USED W/R-5, 5A
ARN-7, THREE BANDS 200-1750
2" TUNING METER & GRAIN OF
WHEAT LAMPS. TAKES MC-124
CONTROL SHAFT. USED \$3.95
FT-224 MOUNTING FOR C-4 BOX
WITH TERMINAL STRIP & PLUG
USED \$1.50

C-30/ARC-5 BC-451 BC-136/2
C-30/ARC-5 CONTROL BOX WITH 7
push button switches marked A, B,
C, D, OFF, 1&2. Also tone, CW & voice
switch & connectors.
Price.... \$1.00

BC-451 CONTROL BOX with switches
tone-CW-voice, on-off, 1/2/3/4
also code key, mic & phone jacks.

BC-136-2 Control unit with mic
& phone jacks, volume control &
two binding post.
\$.35 each Four for \$1.00

1-101 CROSS POINT INDICATOR
FOR COMBINED USE
FROM LOCALIZER
REC. & GLIDE PATH
REC. PART OF 1/ARN-
5 & RC-103. SIZE 3 1/2x3 1/2x3
WT: 3LBS. USED \$1.95

ARC-12 ANTENNA CHANGE-OVER RELAY
BNC CONNECTORS FOR
EQUIP. UG-23-UG-21
F/ANT. REGULAR & AUX
ANT. CONN. 24 VDC RE-
LAY. W/BNC CABLES.
\$2.75
UG-21 ANTENNA CONN. \$.75

ANTENNA CHANGE-OVER S.P.D.T
FOR COAXIAL CABLE
28 VDC ROTARY
ACTUATOR WAF-
ER, LOW-LOSS
HIGH-POWER.
GENERAL COMM.
#2LN180RC-1
NEW \$3.95

SIZE: 4 1/2x3x2 1/2; WT: 1LB.
TYPE "N" CONN. CUT-OFFS 50%
AN CONN. 7 CONTACT \$1.00

WAVEGUIDE SWITCH
AIRTRON #70960, 24-
29.5 VOLT DC, INSL
WAVEGUIDE 7/8x3/8,
1-5/8 FLG. 2 INPUT
1 OUTPUT.
5 1/2x5x5; 5LB. \$9.95

C-2193A/A ANTENNA SELECTOR
CONTAINS 4 RELAYS
24VDC, TRANSISTORS
DIODES, RES, COND,
2 1/2x4x2 1/2; 1LB. USED \$1.95

BB-212 PLASTIC BATTERY
NON-SPILL-
ABLE, BALL
INDICATOR
2 VOLT 40 A.
7x4x2 1/2; WT: 7 LBS. \$1.95

RB-208/AMT RADIO-SONDE
DRY CHARGE
BATTERIES, 4 IN
A VACUUM PACKED
CAN, ONE 6V 2 1/2HR
THRU 30 OHMS, 3
36V EA. 3A HR.
THRU 1200 OHM, EA. BATT. SIZE
1-5/16x29/32x4-5/32; WT. EA.
BATT. 4 1/2 OZ.
BATTERY PACK (4) \$1.95

N-T-6 PLASTIC STORAGE BATTERY
DRY CHARGE, 6
VOLT 4 AMP. 3 1/2x
2 1/2x2; 1 1/2LB \$3.95

BB 54
WILLARD PLASTIC
STORAGE BATTERY
2 VOLT 28 AMP. HOUR NON-
SPILLABLE, BALL INDICATOR
DRY CHARGE, ADD ELECTROLYTE
SIZE 4X5X3; WT: 4LB. \$2.95

AUTOTUNE HEAD FOR ATC/ART-13
TRANSMITTERS, MULTITURN
UNIT WITH DIAL 0-100, KNOB,
REVOLUTION COUNTER, LOCKING
DEVICE FOR PRESETTING.
CONTROL "B". COL#23518
PRICE: \$1.95

INDICATOR AZIMUTH SIGHTING ANGLE
TYPE C-1A
OPERATES 26 VOLT 400 CYC.
TWO 3" INDICATORS #SYA3710
5 1/2x3 1/2x3; WT: 4 LBS. \$2.95

INDICATOR AMP. AM-5/APS-4
6 POTENTIOMETERS
2/6V6; 6SL7; 6J6
AND MANY OTHER
USEFUL PARTS
4x5x7 1/2 WT. 5LBS.
PRICE: \$7.95

CONTROL BOX C-289A/APS-31
CONTAINS 5 DPST
SWITCHES, 3 THREE
POSITION WAFER,
ONE EACH 4 POS.
WAFER, 5 POS.
WAFER, VERNIER
PILOT LIGHT, 2 1/2"
SIMPSON METER PLUS POTENTIO
METERS AND OTHER PARTS.
9x5x13 WT. 13 LBS. \$8.95

COUNTER CHAFF DISPENSER
CONTROL WITH 5
DIGIT DECLINING
COUNTER 2 AT A
TIME 24 VDC
OPERATION ALSO
12 POSITION WAFER SWITCH.
LESS DIAL LIGHT ASSY & SW.
6x4 1/2x3; 2 LBS. \$1.50

FREQUENCY METER CAVITY
TUNEABLE 2400
-3400 MC, AB
ABSORPTION TYPE, W/DIGIT
COUNTER, LESS CRYSTAL
DIODE, W/CABLES, P/O TS-3
SIZE: 5 1/2x2; WT: 1 LB.
#3F2747-3.2 \$2.95

COUNTER 24 VDC
USED TO COUNT
AMMUNITION RE-
SERVE EACH PULSE
SUBTRACTS 2 UNITS
FROM COUNTER. MAX. COUNT
1000 2 1/2x1 1/2x2. \$1.00

BA-259 DRY BATTERY
PACK WATER ACTIVI-
ATED, USED W/RADIO-
SONDE AMT-4, WAXED
CARDBOARD BX
VOLTS 1 1/2, 6, & 115
2 1/2x4x4 1/2; 1 1/2LB. \$1.00

NICKEL CADMIUM BATTERY. 1.2V RECHARGE-
ABLE BATTERY. OUT-
PUT APPROX. 4 AMP HR
SIZE: 2x2x6 WT. 6oz
PRICE: \$2.50

RIGHT & LEFT ANGLE DRIVE SHAFT 3/16"
SIDE 1/2 MALE & 1/2
FEMALE. 2 1/2x2 1/2x1 1/2
\$1.50

VERNIER DIAL 2 1/2"
100 TO 0 SCALE.
TAKES 1/2" SHAFT.
PRICE: \$1.50

ID-14/APN-1 RADIO ALTITUDE METER, 3" SCALE
0-6 MA MOVEMENT.
CAN BE USED AS
A BASIC METER
MOVEMENT AND
CHANGE SCALE AS DESIRED.
PRICE: USED \$1.50

BC-347 AIRCRAFT INTERPHONE AMPLIFIER
Used in small planes for speak-
ing. Has two uncner transformers
Carbon microphone input & stand-
ard headset output. Requires
12 Or 24 volt & 250VDC. Uses
6F8G tube. Size 3x2x5 WT 3lbs.
With tube \$1.95 Less tube \$1.25
BC-216 MICROPHONE AMPLIFIER

AIRCRAFT type amplifier use
tubes 1/39/44 & 1/6P7. Two car-
bon microphone inputs. Voltage
required 12 volts & 150VDC 40
Ma. Size 8 1/2 x 6 1/2 x 2. WT. 3 lbs
With tubes \$1.95 Less tubes \$1.

AMPLIFIER USED IN TANK
FOR INTER-
PHONE. W/TWO
6V6 TUBES,
LESS DYNAMOT
OR. REQUIRES 250 VDC 50 MA.
& FILAMENT VOLTAGE.
SIZE: 9x9x3; WT: 10 LBS.
BC-367 NO CASE F/12V \$1.95
BC-667 W/ " F/24V 2.95

BATTERY CHARGER
FOR BB-51
& BB-52
BATTERIES.
TRICKLE CH
OPERATES FROM 6 OR 12 VOLT
STORAGE BATTERY. HAS 2-3"
METERS 0-100 DC VOLTS AND
0-30 & 0-300 DC MILLIAMPS
SCALES.
SIZE: 12x8 1/2x7; WT: 20 LBS.
PRICE: \$14.95

LENSE 2" FROM A K-14 GUNLIGHT.
APPROX. 3 POWER.
4 FOR \$1.00

MAGNESIUM INDICATOR 3", 26
VOLTS 400 CYCLE OPERATION;
200-0-200 SCALE ILLUMINATED
USED WITH APA-44 EQUIPMENT
FOR INDICATION OF WIND IN
KNOTS, N-S-E-W.
SIZE: 3x3x3, WT 3/4LB USED
BENDIX#20004-64J-A1 \$1.00

A-61 PHANTOM ANTENNA
A-61 PHANTOM ANTENNA, USED
WITH COMMAND TRANSMITTER AS
A DUMMY LOAD, POWER RATING
50 WATTS, RES. 5 OHMS, 100MMF
5KV VAC. COND. 0-4 RF METER
7x5 1/2x2 1/2; WT: 4LBS. USED \$4.95

TS-279 DUMMY ANTENNA LOAD
Three inch pyrex
feed thru insula-
tor, 1000 ohm 100
watt resistor
with two test lead
& clips. Cabinet
size 13 x 6 x 4".
Can be used for
a chassis.
Stock # TS-279
Price \$1.95

MINIMUM ORDER \$3.00

RE-1A/ARR-1
 ROTARY TYPE RELAY
 14 VOLT W/6 CONTA
 WAFER SW. 2/SO239
 & 2 BINDING POSTS
 SIZE 4x4x2; 1 1/2 LB
 \$1.50

WESTERN ELECTRIC
 POLAR RELAY
 D163119A (255A)
 SIZE: 6x2 1/2 x 2 1/2
 WT. 4 LBS.
 PRICE: \$1.95

VARIOGON PHASE
 SHIFT CAPACITOR
 V-42. USED FOR
 ACCURATE MEAS-
 UREMENT OF TIME
 INTERVALS IN
 RADAR SYSTEMS. CAPACITY OF
 INPUT PLATE TO HOUSING 4.4
 MMF. CAPACITY OF OUTPUT PL
 ATE TO HOUSING 15.6 MMF.
 CAPACITY VARIATION OF ONE
 INPUT TO OUTPUT PLATE 1.2-
 4.9 MMF. SIZE: 2 1/2 x 1 WT. 1
 PRICE: \$4.95

MOTOR SPLIT FIELD
 REVERSEABLE, SER-
 IES WOUND. SHAFT
 SPEEDS, 5 R.P.M.
 200 R.P.M. 26VDC
 2 MICRO SWITCHES
 AND ON-OFF SWITCH.
 PRICE: \$5.95

FT-384 ADAPTER
 FOR TESTING
 BC-603
 RC-683
 USED \$2.95
 RE-NEW 4.95

RT-58/ARC-12 CHANNEL
 SELECTOR ASSEMBLY.
 CONSISTS OF AUTOTUNE
 ASSY. 10 POSITION
 MOTORDRIVEN 26.5 VDC.
 CHANNEL SELECTOR AND
 STOP INDICATOR, EXTERNAL
 SHAFTS TURN 60 RPM. ALSO
 RELAYS, CONN. ETC.
 SIZE: 4 1/2 x 6 3/8; WT: 5 LBS.
 USED \$2.95

BK-22A
 RELAY CONTROL
 FOR RADIO COMPASS
 CONTROL BOX
 RATCHET MOTOR ASSY. THAT
 OPERATES 10 P.D.T. CONTACT
 ASSY MOUNTED TO BARRIER TER-
 MINAL STRIP, (MAKE 10, BREAK
 10) ALSO S.P.S.T. RELAY AND
 5 12 TERMINAL BARRIES STRIP
 OPERATES FROM 18 TO 30 V.D.
 SIZE: 12x2 1/2 x 6; WT. 8 LBS.
 PRICE: USED \$1.95

TAPE
 SOUND RECORDING TAPE
 TW-3U. 7" REEL WITH
 APPROX. 900 FT OF 2
 MEL TAPE. USED WITH
 RD-42 WT. 4.5 LBS.
 PRICE: \$4.95

CAPACITY TUNER
 WITH AUTO-
 TUNE
 160-211 MC
 1/2C26
 2/SO-239
 CONNECTORS
 7 1/2 x 5 x 5
 WT. 7 LBS.
 PRICE: \$2.50

PLUGS INTO REAR OF SET AND
 HAS METERING SWITCH AND JACK
 FOR ATTACHING METER FOR MEA-
 SURING VARIOUS VOLTAGES AND
 MAKING ALIGNMENT.
 COMPLETE W/6FT BATT. LEAD.

TIMER MOTOR
 SWITCHING
 ASSEMBLY
 4 R.P.M.
 S.P.D.T.
 MICROSWITCH
 VARIABLE
 TIMING CAMS FOR ACTUATING
 SWITCHES. #H9200.
 SIZE: 3x2 1/2 x 5 WT. 2 LBS.
 1 SW. 6V.....\$1.95
 2 SW. 28V.....2.50
 3 SW. 6V.....2.95
 4 SW. 6V.....3.50

STRATOPAX FOUR
 SECTION RELAY
 650-1242
 24VDC
 SECT. #1 4PDT
 " 2 4PDT
 " 3 4PDT
 " 4 6PDT
 SIZE: 3 1/2 x 4 1/2 x 7
 WT. 5 1/2 LBS. \$1.95

HARDWARE KIT
 CONTAINS 50 CLAMPS
 OF 5 TYPES. 20
 SCREWS OF 5 TYPE
 15 LOCKWASHERS.
 7 TERMINAL LUGS
 4 HEX NUTS. 18
 SPACERS.
 WT 5 LBS.
 RC-298 \$1.00

CONNECTOR PLUGS
 15 CONTACT
 SIZE: 2 1/2 x 1 1/2 x 1 1/2
 PER PAIR \$1.50 P-601
 34 CONTACTS
 30" CX2158/U
 SIZE: 2x2x 1/2
 MRE-34H
 PER PAIR \$2.00
 14 CONTACTS
 30" CX 2157/U
 SIZE: 1 1/2 x 1 1/2 x 1 1/2
 PER PAIR \$1.50 MRE-14H
 18 CONTACTS
 2 1/2 x 2 x 1
 P-2802
 PER PAIR \$2.00

TELETYPE COUNTER
 ACTUATED BY 48VDC
 RELAY. FOUR PUL-
 SES OF RELAY CHAN-
 GES COUNTER ONE
 DIGIT. UNIT CON-
 TAINS 115V 60CYCLE MOTOR.
 MOTOR IS 60 RPM, TORQUE 6.6
 INCH OUNCES. 5 1/2 x 5 1/2 x 6 WT.
 10 LBS. PRICE \$9.95

115V TIMER
 MOTOR
 SWITCHING
 ASSEMBLY
 2 R.P.M.
 S.P.D.T.
 MICROSWITCH AND HEAVY DUTY
 CONTACTS. MAX. CLOSED TIME
 15 SEC. OPEN 15 SEC. WT. 4
 LBS. SIZE: 7x6x3 1/2
 PRICE: \$4.95

LANDING GEAR
 SWITCH ASSEMBLY,
 SINGLE POLE DOUB-
 LE THROW, PLUNGER
 TYPE, PLUNGER IS DEPRESSED
 OPENS ONE CONTACT, CLOSES
 OTHER, SPRING RETURN.
 SIZE 3x2 1/2 x 1 1/2, PLUNGER 2 1/2
 WT: 8 OZ. PRICE: \$1.50

DETONATOR
 IMPACT
 SWITCH WITH
 TWO MICRO
 SWITCHES THAT
 MAKE CONTACT
 WHEN THE UNIT
 IS JARRED.
 USED IN PLANES TO DETONATE
 BOMBS WHEN WRECKED. 5x4x4
 WT. 1 1/2 LB. #BC-706 \$0.50

SW-225 CHANGE-OVER
 SWITCH. 3PDT
 HEAVY DUTY. SIZE:
 8x7x4 WT. 7 LBS.
 PRICE: \$1.95

ANTENNA SWITCH IN
 UNIT SA-649/USD
 CONTINUOUS SWITCH-
 ING OF TWO AN-
 TENNAS TO A REC-
 EIVER AT 600 CPS
 USED TO REDUCE
 FADING OF SIGNAL
 UNIT REQUIRES 26.5VDC. TUBES
 INCLUDED 2/68C4; 2/JG-6111
 SIZE: 3 1/2 x 3 1/2 x 5 1/2 WT. 2 LBS.
 PRICE: \$3.95

115V TIMER MOTOR
 WITH ADJUSTABLE
 CAMS TO CONTROL
 ACTION OF MICRO
 SWITCHES. TWO
 S.P.D.T. MICRO-
 SWITCHES. MOTOR IS REVERS-
 IBLE 60CYC 2RPM. WT. 2 LBS
 SIZE: 3 1/2 x 3 1/2 x 2
 PRICE: \$3.95

ART-13 KEYING
 RELAY AND VACU-
 UUM SWITCH
 3 CONT. SPST
 NORMALLY OPEN
 1 CONT. SPST
 NORMALLY CLOSED.
 VACUUM SWITCH
 2 SPDT & 1
 SPDT.
 OPERATING VOLT
 28VDC. TWO COILS EA. 270 OHMS
 SERIES. SIZE: 3x4x5 WT. 2 LBS
 STK #227595-7
 PRICE: \$8.95 NEW

SIGNAL LIGHT NAF# 1171-2
 26 VOLT DC SEALED
 BEAM WITH FOUR FIL-
 TERS, RED, GREEN,
 AND AMBER. TRIGGER
 SIGNALING OR CONSTANT
 AS A SPOT LIGHT. WITH 10FT
 RUBBER CORD, MOUNTING BRACK-
 ET AND FIBER CARRYING CASE.
 SIZE 6x8; WT. 8 LB
 UNUSED: \$4.95

TA-211/GR INTERCOM
 MUNIICATION MONITOR
 STATION. THREE LEV-
 ER SWITCHES CONTROL
 RECEPTION OF EITHER
 OF TWO RECEIVERS OR
 BOTH WHEN CONNECTED
 THROUGH JACKS. JACKS FOR
 MIKE, TWO PHONES OR RECORDER
 INPUT FOR TWO RECEIVERS. RE-
 CEPTICAL FOR CONNECTION INTO
 EXTERNAL CIRCUIT.
 SIZE: 7 1/2 x 5 1/2 x 2 1/2 WT. 3 LBS.
 PRICE: \$4.95 NEW

BATTERY
 HOLDER FOR
 TWO TYPE D
 CELLS, SAME
 AS USED IN
 MOST FLASH
 LIGHTS.
 USED FOR
 LIGHTING INSTRUMENT PANELS
 D45200 WITH SWITCH & CORD
 & PLUG. \$1.50

25 HY 35 MA DC
 1070 MV
 2x3x2 2LBS
 GE#7415231
 \$.79

TRANSFORMERS & CHOKES
 SEE PAGES 12 & 13

CURRENT TRANSFORM
 RATIO 150-5 AMPS.
 25 TO 60 CYCLES
 WEST. TYPE KO
 STYLE 651911-B
 5 1/2 x 6 1/2 x 5; WT: 10 LB
 \$2.95

SCOPE
 PRI: 120/240
 SEC: 2.5 @ 3 A
 10.2" 5 A
 6.6 @ 10 A
 420-470 @ 4.50
 347 @ .03
 15 @ .02
 6.4 @ 10A
 6 1/2 x 6 1/2 x 5 1/2 39 LB

20HY @ 20MA
 5HY @ 450MA
 50 OHMS
 3 1/2 x 4 1/2 x 5 1/2 WT 14LB
 GILFILLAN BROS.
 #23483
 SWINGING CHOKE
 \$4.95

"A" CHOKE
 .7 AMP
 .7 OHM
 2 1/2 x 2 1/2 x 3 1/2 LB
 STK #RM-13331
 \$1.25

10 HY 500 MA
 45 OHM
 4 1/2 x 5 1/2 x 5 1/2; 28 LB
 #L-53601
 PRICE: \$6.95

1.25 HY @ 1.23 ADC
 PWV 1070
 TF1A04LB
 6 1/2 x 5 1/4; WT: 21 LB @
 \$5.95

3.5 HY 500 MA
 30 OHMS
 715 V WV
 4x5 1/2 x 3 1/2; 10 LBS.
 TK1A04KA/A8694
 \$3.50

PRI: 115V 60 CYC.
 SEC: 840V CT 255MA
 5V @ 4A
 12.6V CT 13A
 SIZE: 4 1/2 x 4 x 6 1/2
 WT. 16 LBS.
 #223959
 PRICE: \$7.95

SCOPE
 PRI: 115 V. 60 CYC
 SEC: 4580 V. 2 MA.
 2.5 V. 3 AMP.
 SIZE: 5 1/2 x 6 1/4; 15LB
 RAYLUX8038 \$4.95

10 HY 375MA
 100 OHMS
 4 1/2 x 4 x 6 1/2 WT. 13
 #L217210-1
 PRICE: \$4.95

10 HY 150MA
 210 OHMS
 WT. 4 LBS.
 SIZE: 2 1/2 x 5 x 2 1/2
 #217386-1
 \$1.75

8HY 300 MA
 RESISTANCE 90 OHM
 OIL FILLED
 WT. 7.5 LBS.
 SIZE: 8x3 1/2 x 4 1/2
 3340-310-190-043
 \$5.95

5 HY @ 400 MA
 50 OHMS.
 P.W.V. 1070
 4x4 1/2 x 6 1/2; 14 LBS.
 #352-1746
 \$3.95

8 HY 150 MA
 100 OHMS
 MAX. W. V. 715
 3x4 1/2 x 2 1/2; 5 LBS.
 # TF1A04HA
 \$1.95

PRI: 115 V 60 CY
 SEC: 880CT 260 MA
 SIZE: 4 1/2 x 5 1/2 x 4 1/2
 STK#7629825
 PRICE: \$4.95

SCOPE
 PRI: 107-127V
 50-60 cyc.
 SEC: 160-200V @
 700 MA.
 THROUGH 16
 TAPS.
 SIZE: 4 1/2 x 3 1/2 x 5 1/2
 WT. 13 LBS.
 #229613.148
 \$2.50

8 HY 250 MA
 RES. 100 OHMS
 SIZE: 4x4 1/2 x 6
 WT. 13 LBS.
 5950-646-0775
 \$4.95

PRI: 110,115/120
 60 cyc
 SEC: 1000V CT @
 400MA
 500V CT @
 60MA
 SIZE: 5 1/2 x 4 1/2 x 7 1/2
 WT. 23 LBS.
 # 5950-645-8894
 PRICE: \$8.95

PRI: 115 V 60 CY
 SEC: 820CT 120 MA
 5 V @ 2 A.
 SIZE: 4x6x3 1/2 10 LB
 STK#ORD7629820
 PRICE: \$2.95

SCOPE
 PRI: 115V 60CYC
 SEC: 2000V CT @
 500MA
 SIZE: 5x5 1/2 x 7 1/2
 WT. 30 LBS.
 5950-581-5204
 \$16.95

ISOLATION TRANS.
 PRI: 115V 60CYC.
 SEC: 115V .35A
 3x3 1/2 x 5 1/2 WT. 6 1/2 LBS.
 #8260351
 \$1.50

PARTS BONNAZA



PLUG IN TUNING UNITS USED WITH BC-191/BC-375 TRANSMITTER. THESE UNITS CONTAIN MANY PARTS THAT CAN BE USED BY SCHOOLS, LABORATORIES, HAMS, OR EXPERIMENTERS. LISTED BELOW ARE THE VARIOUS TUNING UNITS WITH FREQUENCY COVERAGE, AND PARTS LIST. ALL UNITS INCLUDE CABINET, KNOBS, HANDLES, BRACKETS, AND OTHER PARTS. THE NEW TUNING UNITS ALSO INCLUDE THE OUTER CASE.

SIZE: 17x9x7 $\frac{1}{2}$ WT: 13 LBS.

TU-5B 1500-3000KC
M-O tank inductance
M-O band change switch
Antenna coupling switch
P-A band change switch
Capacitors, as follows:
3/0.0001 mfd 3000 volt
0.00003 mfd 2000 volts
2/0.0004 mfd 5000 volts
3/0.00009mfd 3000 volts
Var. 8-26mmf, 20-135mmf
20-156mmf
Antenna coupling coil
P-A grid choke coil
M-O grid choke coil
P-A tank inductance
Res. 15 ohms, 4.5 watts
2 $\frac{1}{2}$ " vernier dial
right angle drive
NEW \$6.95

TU-6B 3000-4500KC
M-O tank inductance
P-A tank inductance
P-A grid choke coil
M-O grid choke coil
Antenna coupling coil
M-O band change switch
P-A band change switch
Antenna coupling switch
Capacitors, as follows:
2/0.0005mfd 3000 volt
2/0.0004mfd 5000 volts
Variable cap. 19-116
mmf, 8-26mmf, 15-77mmf
M-O tuning compensator
Res. 15 ohm, 4.5 watts
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
NEW \$5.95 USED \$3.95

TU-7-B 4500-6200KC
M-O tank inductance
P-A tank inductance
Antenna coupling switch
Antenna coupling coil
P-A grid choke coil
M-O grid choke coil
Cap. as follows:
2/0.0004mfd 5000 volts
Var. Cap. 8-26 mmf,
23-111mmf, 19-116mmf
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
NEW \$5.95 USED \$3.95

BC-306 ANTENNA TUNING UNIT
200-500 KC
VARIOMETER COIL
VARIOMETER DIAL
ANTENNA COUPLIN SWITCH
INSULATORS
NEW \$4.95, USED

TU-8-B 6200-7700KC
M-O tank inductance
M-O grid choke coil
P-A grid choke coil
P-A tank inductance
Antenna coupling coil
Antenna coupling switch
Cap. 2/0.0004mfd 5000v
Var. Cap. 14-66mmf,
8-26mmf, 15-81mmf
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
NEW \$5.95 USED \$3.95

TU-9-B 7700-10,000KC
M-O tank inductance
M-O grid choke coil
P-A grid choke coil
P-A tank inductance
Antenna coupling coil
Antenna coupling switch
Cap. 3/0.0004mfd 5000v
Var. Cap. 19-116mmf,
8-26mmf, 15-77mmf
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
NEW \$4.95 USED \$3.95

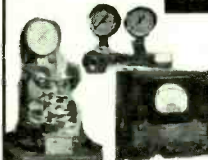
TU-10-B 10,000-12,500KC
M-O tank inductance
M-O grid choke coil
P-A tank inductance
P-A grid choke coil
Ant. coupling coil
Ant. coupling switch
M-O choke coil
Cap. 3/0.0004mfd 5000v
Var. cap. 14-82mmf,
19-116mmf, 8-26mmf
2 $\frac{1}{2}$ " vernier dial
Right angle drive
NEW \$4.95 USED \$3.95

TU-26-B 200-500KC
M-O tank variometer
M-O plate coil
M-O grid choke coil
P-A tank variometer
P-A grid choke coil
M-O band change switch
Antenna Coupling switch
Antenna coupling coil
Capacitors, as follows:
3/0.0004mfd 3000v
2/0.005mfd 5000v
2/0.004mfd 5000v
2/0.0035mfd 5000v
0.002mfd 5000v
0.0005mfd 3000v
0.0007mfd 3000v
12mmf, 35mmf
Var. cap. 8-26mmf
Res. 15 ohm 4.5 watts
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
NEW \$4.95 USED \$3.95

EQUIPMENT RACK

ELECTRICAL EQUIPMENT RACK. USEABLE PANEL HEIGHT 58", WIDTH IS STANDARD 19". UNIT HAS ONE ROLL-OUT SHELF, FOUR ADJUSTABLE SHELVES, AND ELECTRICAL JUNCTION BOX. LIGHTS IN TOP SECTION OF UNIT ILLUMINATE FRONT OF PANELS. EIGHT WHEELS PROVIDE MOBILITY FOR RACK. DROP DOWN SECTION ON ROLL-OUT SHELF. WEIGHT: 160 LBS. SIZE: 72x21x20. PRICE: \$30.00

VAPOR DETECTOR



WATER VAPOR DETECTOR 128; CONSISTS OF VALVING ASSY. WITH 2 $\frac{1}{2}$ " 3000 LB.PER. SQ. IN. GAUGE CONNECTED TO A BRASS BLOCK WITH 3 VALVES COPPER TUBING CONNECTS TO SATURATOR BOTTLE AND ANOTHER BLOCK WITH VALVE WHICH

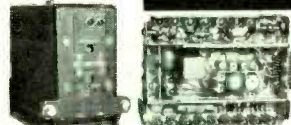
ONE OUTLET CONNECTS TO A ELECTRIC AMPLIFIER THRU DETECTOR ELECTRODE AND THE OTHER OUTLET TO A GAS PRESSURE REGULATOR. THE ELECTRIC AMPLIFIER IS HOUSED IN METAL CASE WITH 3" METER 50 MICRO-AMP. WITH TUBES 1/1G6GT & 1/1G4GT IN A OSCILLATOR CIRCUIT, BALANCED BRIDGE TYPE, ANY ELECTRIC UNBALANCE IS INDICATED ON THE METER, ADJUSTING CONTROLS ON PANEL, REQUIRES 67 $\frac{1}{2}$ & 1.5 VOLTS D.C FOR OPERATION. GAS PRESSURE REGULATORS ARE STD. WITH 2" METERS. EQUIPMENT IS USED TO DETERMINE THE AMT OF WATER VAPOR IN THE GAS TO BE TESTED WITH A REF. GAS AS THE STANDARD. CARRING CASE 14x16x10 $\frac{1}{2}$; WT: 60 PRICE: USED \$14.95

RELAY TEST SET

USED \$16.95
RE-COND. 21.95

1-193 RELAY TEST SET: USED FOR TESTING 255, 255A, D-163119A, D-164 816A POLAR RELAYS ETC. FOR BIAS AND SENSITIVITY. THE ELECTRICAL CHARACTERISTICS ARE DETERMINED BY THE DEFLECTIONS OF THE METER. ALSO CONTAINS CIRCUIT FOR SENDING PULSES FOR TESTING EXTERNAL TELEGRAPH CIRCUITS AND A 10-20 CYCLE OSCILLATOR FOR TESTING AND LINE-UP PURPOSES. OPERATES FROM 115/130 VDC 10 WATTS. (RA-87 RECTIFIER SHOWN ON PAGE 8 OF THIS CATALOG WILL OPERATE THIS EQUIPMENT) SHIPPED IN WOOD CHEST 24X12X13; WT: 75 LBS.

A.F.C. UNIT



AUTOMATIC FREQ. CONTROL UNIT No. 600671; USED WITH FIRE CONTROL SYSTEM WITH 16 TUBES 2/5829, 1/5703, 2/5702 & 1/

5784, DPDT SIGMA RELAY THAT WILL OPERATE FROM 14 VDC @ 2.8 MA, SLUG TUNED COILS, RESISTORS, COND. ETC. (SORRY DO NOT KNOW FREQ. NO SCHEMATIC) SIZE: 4x8x6; WT: 5LBS. PRICE USED \$3.95

OSCILLOSCOPE

TS-34/AP OSCILLOSCOPE; 2" DIA. SCREEN, START-STOP SAW TOOTH SWEEP INCL DEFLECTION SENSITIVITY 0.22 MM PER V. DC VERTICAL, 0.26 MM HORIZ. FREQ. RANGE START STOP DUR. 4 $\frac{1}{2}$ -8, 20, 50, 120-280 U SEC. SAWTOOTH -280 U SEC. SAWTOOTH FREQ. FREQ. 50,000 IN STEPS TO 10 CPS. OPERATING POWER 115 v 50-1200 cyc. SIZE: 9 $\frac{1}{2}$ x29x12 $\frac{1}{2}$; WT: 40 LBS. USED \$39.50

VERNIER TIMER



VERNIER SET ATC TIMER WITH 15 MINUTE TIMING PERIOD. SYNCHRONOUS MOTOR OPERATES FROM 230 v 60 CYC AND HAS SPDT CONTACTS FOR CONTROL OF INDUSTRIAL EQUIPMENT. SIZE: 6 $\frac{1}{2}$ x5 $\frac{1}{2}$ x3 $\frac{1}{2}$ WT. 5 LBS. PRICE: \$9.95 NEW

WAVE METER

SCOPE OSCILLATOR

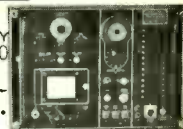
AN/UPM-1 WAVEMETER-OSCILLATOR-SCOPE RADAR TEST UNIT FOR 155-235MC AND 460-570MC CONTAINS PULSE AND SWEEP GENERATORS VIDEO AMP. 3" OSCILLOSCOPE, TWO WAVEMETER TWO OSCILLATORS, POWER REQUIREMENTS: 80, 115, OR 230 VOLTS AC. 60-1000 CYCLES. SIZE: 30x21x24; WT. 150LBS. USED \$79.95 ANTENNA FOR AN/UPM-1 SIZE: 21x12 WT. 11 LBS. USED \$9.95



SIGNAL GENERATOR

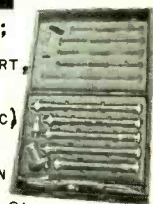
USED \$22.95

BC-1277 SIGNAL GENERATOR; 2400 TO 3400 MC. TUNED CAVITY DIGIT COUNTER DIVISIONS 30/60 MC. 0-50 D.C 3 $\frac{1}{2}$ " MICROAMP. METER FOR MEASURING THE VOLTAGES OF THE VARIOUS CIRCUITS. ATTENUATOR, SYNC. AMP., STD. SIGNAL SHAPE AND CAL. SIGNAL AMPLIFIER CIRCUIT OPERATES FROM 115 V. 50-1200 CYCLE. WITH TUBES 3/VR-150, 4/6AC7, 2/VR-105, 2/6Y6, 2/6SF5, 1/6L7, 1/6L6, 1/707A, 1/6X5 & 1/514. USED FOR TESTING RADAR. SIZE IN WOOD CHEST 22x17x17; WT: 100 LB

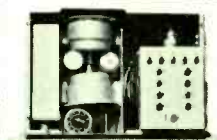


ATTENUATORS

MX-1309/URM-23 POWER MEASURING; KIT OF WAVEGUIDE ATTENUATORS, ADAPTER, BALOMETER, CABLE & CHART, 1000 TO 4000 MC.
ATTENUATOR CN-110/U 10 DB
" CN-111/U 20 DB (2PC)
" CN-168/U 3 DB
" CN-169/U 6 DB
RF BALOMETER DT-76/U, "N" CON
ADAPTER CONN. UG-402/U
COAXIAL CABLE CG-92B/U, w/UG-21 EA. END. METAL CARRING CASE, FITTED, SIZE 19x5x14; WT: 32 LBS. COMPLETE SET \$14.95



PULSE GENERATOR



AN/UPM-19 RADAR TEST SET CONSISTS OF SG-76 PULSE GENERATOR THAT COVERS THE FREQ. OF 2650-2950 MC. VARIABLE FREQ. AND R.F. OSCILLATOR CONTROLS BCN CONN. REQ. FOR R.F IN, R.F OUT, VIDEO PULSE AND SYNC. OUT JACKS. 2 $\frac{1}{2}$ " R.F CAL. POWER METER 25 TUBES, OPERATES FROM 24 VDC VIBRATOR POWER PACK. ABOVE IS CONTAINED IN CASE # 1 OF 2. CASE 2 OF 2 CONTAINS, 2 ANTENNAS, CONTROL BOX, LITE INDICATOR BOX, PLUGS AND CABLES. ALUMINUM CARRING CASE SIZES 16 $\frac{1}{2}$ x8x14 AND 14x10x10; SHPG. WT: 80 LBS. PRICE: USED \$39.50

CALIBRATOR



TS-102B/AP CALIBRATOR: RANGE CALIBRATOR PORTABLE PULSE GENERATOR WITH REPETITION FREQ. OF 400, 800, 1600, 2000 & 4000, MARKER AND SYNCHRONIZING PULSE, VARIABLE DELAY LINE PHASE ADJUSTMENT. OPERATES FROM 115 V. 50-1000 CYCLE WITH TUBES 2/6X4W, 3/6AC7 6/5814, 2/UG273/U CONN. 4/CABLES w/UG-88R/U SIZE: 16x10x11; WT: 28 LBS. UNUSED \$18.95

RADIO COMPASS



RA 101A/ARN-6 RADIO COMPASS WITH A FREQUEN RANGE OF 100-1750 KC 1 FOUR BANDS. COMPLETE WITH TUBES 6/12SK7; 4/12X7; 1/12X7; 1/12X7 2/26A7; 2/2050. OPER FROM 26.5VDC. WT. 35L SIZE: 11 $\frac{1}{2}$ x7 $\frac{1}{2}$ x15 $\frac{1}{2}$ PRICE: \$39.50 AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS. OPERATES FROM 26 VOLTS 400 CYC. SIZE: 10x11x5 WT. 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95 MANUAL FOR RA 101A/ARN-6....\$5.00



AUTOSYN INSTRUMENT FIELD TESTER; AAF #43G18624 IS A SIMPLE TESTER THAT IS DESIGNED TO TEST THE ELECTRICAL CIRCUITS OF ALL MINIATURE 26 V. 400 CYC. AUTOSYNS. WHEN CONNECTED TO THE SUPPLY IT CAN BE USED AS A TRANSMITTER OR INDICATOR ALSO HAS ELECTRICAL ZERO TESTING CIRCUIT. SIZE: 6x10x5; WT: 8 LBS. PRICE: METAL CASE HINGED COVER & CABLES. USED... \$8.95 WOOD CASE NO COVER/CABLES 3.95

REGULATED POWER SUPPLY

KEPCO KR6M REGULATED DC POWER SUPPLY, DC OUTPUT 195 TO 325 VOLTS, 600 MA, REGULATION .1% AC FILAMENT OUTPUTS, INPUT 105 TO 125 VOLTS 60 CYCLE.
 SIZE: 10 $\frac{1}{2}$ x19x13 FOR RACK MOUNTING. SHPG. WT: 100
 PRICE: USED \$60.00

POWER SUPPLY

LAMBDA POWER SUPPLY INPUT 105-125 VOLTS 50-60 CYCLE, 250 W OUTPUT 6.3 VOLTS CT 6 AMPS. 0-500 VOLTS DC 200 MA. DC VOLTMETER, DC MILLAMP-METER 2 $\frac{1}{2}$ " FOR STANDARD 19" RACK MOUNTING. COMPLETE WITH TUBES 2/5R4. SIZE: 10x17x6 $\frac{1}{2}$ WT. 40 LBS. \$49.50

RECTIFIER

RA-43-B RECTIFIER TUBE TYPE OUTPUT 115v 525w DC; INPUT 95-125v, 50-60cyc AC. PROVIDES POWER FOR 1 TO 3 SWITCHBOARDS. REQUIRES 2/6F6 INCL AND TWO 6J, NOT INCL. WT. 165 LBS. SIZE: 22x17 $\frac{1}{2}$ x10 PRICE: \$24.95 USED

TS-1470/UP STRIPPED WITH 2 $\frac{1}{2}$ " MILLIWATT METER, FUSE HOLDERS, SWITCHES, POTENTIOMETERS, AND POWER SUPPLY 300V 36MA, 6.3V 1.25A, 5.0V 2A, 6.3V 1.7A. COMPLETE WITH TUBES: 5R4, 6Y6, 6SH7, 2K25, 2/0B2, 2/6SL7. SIZE: 18 $\frac{1}{2}$ x12x11; WT: 35 LBS. USED WITH CASE AND METER.... \$14.95 USED WITH CASE NO METER.... \$11.95

400 CYC. SUPPLY

SCOPE POWER SUPPLY 110 VOLT 380-420 CYCLE INPUT, OUTPUT APPROX. 1800 VOLTS 1.5 MA. WITH TRANSFORMER, 2/CONDENSER .1 4000 VDC, 1/122 TUBE, TERMINAL STRIP RESISTORS ETC. SIZE: 6x7x5; WT: 5 LBS. GE ASSY#7608055 \$2.95

PP-II/APS-10 POWER SUPPLY AS USED IN THE APS-10 RADAR SET. OPERATES FROM 115 VOLTS 400 CYC & 24 VDC FOR FILAMENTS, SUPPLIES 4000 VDC 105 VDC & 300 VDC. WITH TUBES 6X5 VR-105, 5R4, 6Y6, 6SH7, 2X2. SHOCK-MOUNTED CHASSIS, SIZE: 9x11x13; WT: 21 LBS PRICE: USED \$4.95 NEW \$6.95

WIRE RECORDER

IC/VRW-7 WIRE RECORDER 3" REEL 0.006 DIA. WIRE. ONE INPUT CHANNEL, 600 OHM IMPERANCE, 290 RPM RECORDING SPEED. FREQUENCY RESPONSE 300-3500 CPS. OPERATES FROM 28 VDC. COMPLETE WITH TUBES 2/28D7, MX 303A/ANQ-1 WITH WIRE FOR 60 MINUTES. FRONT CONTROLS FOR VOLUME INPUTS FOR MIKE AND RECEIVER, OUTPUTS FOR TWO HEADPHONES, AND AN ON/OFF SWITCH. (THIS IS A RECORDER ONLY)
 SIZE: 12 $\frac{1}{2}$ x7 $\frac{1}{2}$ x6 $\frac{1}{2}$ WT. 16 LBS.
 PRICE: \$9.95 USED

MIRROR-MATIC

AUTOMOBILE REAR VIEW MIRROR: AUTOMATICALLY CHANGES ANGLE OF MIRROR WHEN HEADLIGHTS OF CAR IN THE REAR STRIKES MIRROR. OPERATES 12 VOLTS D-C WITH PHOTO-CELL, 1/12K5 TUBE, SPST RELAY, RELAY THAT FLIPS MIRROR AND SENSITIVITY CONTROLS. CAN ALSO BE OPERATED BY A FLASHLIGHT OR OTHER LIGHT SOURCE.
 SIZE: 10 $\frac{1}{2}$ x2 $\frac{1}{2}$ x1 $\frac{1}{2}$; WT: 3LBS. PRICE:.. \$3.95

R.F. TUNER

IN-329/SRT RADIO FREQUENCY TUNER, USED FOR LOADING ANTENNA CIRCUIT CONSISTS OF 4 VARIABLE INDUCTANCE COILS TWO FOR FREQ. 6-15mc, ONE 2-6 MC & ONE AUTOTRANSFORMER TYPE FOR BOTH RANGES OF FREQ ALSO 4 VERNEIR TYPE DIALS 2" PHASTRON METERS 2 $\frac{1}{2}$ " RUGGEIZED 0-1 MA. D.C & 0-300 MA. D.C W-15 & W-125, RATCHET TYPE SWITCHING ASSY WITH 2 DECM ROTARY CERMAIC WAFERS. (NO COVER WITH UNIT.) SIZE: 11x12x14; WT: 25 LBS. \$39.95

TELETYPE TESTER

TS-2/TG TELETYPE SIGNAL DISTORTION TEST SET CAPABLE OF SENDING NORMAL OR DISTORTED SIGNALS FOR TESTING MARGINS OF START/STOP MECHANISMS AND TESTING EFFICIENCY OF THE SELECTOR UNITS.
 SIZE 18x13x14; WT: 90 LBS. USED \$75.00

RADAR TEST SET

1-242 KADAR TEST SET DESIGNED TO FURNISH A COMPARATIVE INDICATION OF TRANSMITTER OUTPUT AND MEASURE PULSE RECURRENCE RATE. CONSISTS OF DUMMY LOAD WITH 3" METER 0-50 MA WITH 0-100 SCALE. UNWISED
 SIZE 8x10x11; 14 LBS \$8.95

15,000 VOLT TESTER

HIGH VOLTAGE D.C. TESTER FOR HARNESS AND INSULATION OPERATES FROM 115 V 60CYC OR 28 VDC, OUTPUT 0 TO 15,000 V. TWO SCALES, VARIABLE CONTROL 3 $\frac{1}{2}$ " METERS. KILOVOLT 0-1.5/15 MICROAMPERE 0-100/500. GENERAL METERS#TH100
 SIZE: 8 $\frac{1}{2}$ x12x16 $\frac{1}{2}$; WT: 42 LBS. USED \$34.95

PUMP TEST

DESICCATOR PUMP TEST FIXTURE: CONSISTS OF AIR FLO-SCOPE INDICATOR WITH 4" MAGNETIC METER 0-8 INCHES OF WATER AND PRESSURE CONTROL VALVE ALSO TWO 3" SQUARE METERS 0-50 VDC 500 OHMS PER VOLT AND 0-5 AMP METER, RHEOSTAT, SW, PILOT LIGHT ETC. UNIT IS HOUSED IN METAL CARRING CASE 21x13x6; WT: 25 LBS.
 PRICE: USED \$14.95

CONTROL BOX

C-847/U CONTROL BOX FOR AN/VR-19. CONTROL BOX CONTAINS 2 PILOT LIGHTS, MOMENTARY SPEAKER CONTROL SQUELCH CONTROL, FREQUENCY CONTROL, AND EXPLOSION PROOF SPEAKER. WHOLE UNIT IS WEATHER-PROOF. SCHEMATIC IS INCLUDED. WT. 6 LBS. SIZE: 9x5 $\frac{1}{2}$ x3 $\frac{1}{2}$.
 PRICE: \$8.95 USED
 U-77/U CONECTOR PLUG FOR HANDSET USED \$1.00

RECEIVER

ARN-5D GLIDE PATH RECEIVERS USED IN AIRCRAFT TO RECEIVE A MODULATED SIGNAL 90 & 150 CYC. ON 332.6, 333.8 MC. OPERATES FROM 24 VDC. COMPLETE WITH TUBES 7/6AJ5, 2/12SN7, 1/28D7. SIZE: 5 $\frac{1}{2}$ x6 $\frac{1}{2}$ x11; WT. 12 LBS. CRYSTALS NOT INCLUDED
 PRICE: USED, R-89/ARN-5 \$5.95
 R-268/ARN-5 \$6.95
 R-430/ARN-5 \$5.95

AMPLIFIER

AN-142/AIC MIXER AMP. USED IN LARGE AIRCRAFT INTERCOMMUNICATION SYS AS A AUDIO LINE BOOSTER AND MIXER. INPUT IMPEDANCE 500 OHM, OUTPUT 600 OHM. OPERATES FROM 24 V.D.C. AND IS COMPLETE WITH ONE 26A7 TUBE AND SCHEMATIC.
 SIZE: 5x5x2; WT: 2 $\frac{1}{2}$ LBS. USED \$1.50

REC. 30-40 CONVERSION

MOTOROLA RECEIVER 70-80MC (30-40 MC. CONVERSION WILL BE SUPPLIED UPON REQUEST, F.M. 6 VOLT VIBRATOR POWER SUPPLY, 16 TUBES 10/7C7 1/7C5, 2/7AG7 & 2/7A6, 7F7 SINGLE CHANNEL CRYSTAL CONTROL, SQUELCH ETC. USED
 FMRW16V SIZE 15x9 $\frac{1}{2}$ x9; WT: 30 LBS.
 PRICE: W/TUBES, LESS CRYSTALS & COVER \$22.95
 " " " WITH " 27.95
 MOTOROLA TRANSMITTER FMT-25V 30-40 MC, F.M. CRYSTAL CONTROL SINGLE CHANNEL, 25 WATT, 6V TUBES, 3/7C7, 2/7A8, 1/6V6, 1/RK391807. 15x9 $\frac{1}{2}$ x9 30 LBS. USED W/COVER \$14.95; LESS COVER 9.95

PHILCO TRANSMITTERS PRT150GT 154-172 MC. FM. 30 WATT, 6 VOLT DYNAMOTOR P.S. CRYSTAL CONTROL SINGLE CHANNEL TUBES, 2/3A4, 1/9003, 1/6BJ6, 2/2E24, 1/6CA, & 1/2E30. USED COND SIZE: 15 $\frac{1}{2}$ x10 $\frac{1}{2}$ x8; WT: 35 LBS.
 PRICE: W/TUBES, L/CRYS. \$14.95

PHILCO RECEIVER PRT72G 70-80 MC.F.M 6 VOLT VIBRATOR POWER SUPPLY, CRYSTAL CONTROL SQUELCH CIRCUIT, WITH TUBES 3/6BJ6, 3/6AK5, 2/6AQ6, 1/6CA, 1/7F7 & 1/7A8. USED LESS CRYST. SIZE: 15 $\frac{1}{2}$ x10 $\frac{1}{2}$ x8; WT: 30 LBS. \$14.95

LINK 152 TO 172 MC. F.M. 6 OR 12 VOLT \$59.50

COMMERCIAL TYPE MOBILE COMMUNICATION RADIO SET MFG. BY LINK. TRANSMITTER #1906 50 WATT USING 2/2E26 TUBES DRIVING 829 IN THE FINAL ALSO 1/7AG7, 1/7F7 & 1/7W7 TUBES. WITH 12 VOLT DYNAMOTOR POWER SUPPLY. RECEIVER #1905 SELECTIVE DOUBLE CONVERSION WITH SQUELCH CIRCUIT & 2/7A6, 7/7AG7, 1/7F7, 1/7B5 & 2/6AK5 WITH 12 VOLT VIBRATOR POWER SUPPLY. BOTH UNITS ARE CRYSTAL CONTROL PHASE MODULATED 15 KC. UNITS HAVE RECENTLY BEEN REMOVED FROM CARS AND HAVE TUBES, CONTROL BOXES, CABLES WITH PLUGS (THAT MAY HAVE TO BE SPLICED) ETC.
 PRICE, AS DESCRIBED \$59.50

R-316/ARR-26 RECEIVER 162.25 - 173.5 MC. FM DESIGNED TO RECEIVE SONOBOUY SIGNALS ON 16 PRE-SET CHANNELS. WITH TUBES 1/6J6, 2/6AL5, 1/6AS7, 1/6AU6, 1/12AU7, 1/12AV7 & 7/6AK5. NO POWER SUPPLY, REQUIRES 280 VDC @ APPROX. 125 MA. AND FILAMENT VOLTAGES. OUTPUT OF THE SET USES A 12AU7 IN A CATHODE FOLLOWER CIRCUIT WHICH IS SUFFICIENT FOR HEAD SET. (SCHEMATIC AND CONVERSION INFORMATION FOR 145-175 MC SUPPLIED WILL INCLUDE ADDITION OF AUDIO, SQUELCH AND 115 VOLT 60 CYCLE POWER SUPPLY CIRCUITS.)
 SIZE 5x8x17; WT: 13 LBS. PRICE: USED \$22.95

R-74/CRW-2 RECEIVER

HIGH FREQUENCY FOR REMOTE CONTROL USE IN THE 53-88MC BAND ON PRESELECTED CHANNEL SINGLE FIXED FREQ. COMPLETE WITH TUBES: 1/6SG7, 1/6J5, 3/6SL7; 1/6SN7 & 24 VOLT DYNAMOTOR
 SIZE: 6x8x10 WT: 13 LBS.
 PRICE: RE-NEW \$4.95

GIBSON GIRL

GIBSON GIRL TRANSMITTER ASSEMBLY 500 KC. SINGLE CHANNEL, CONSISTS OF TRANSMITTER SECTION OF THE SCR-578/BC-778 EQUIPMENT, USES 1/12SC7 & 1/12A6 TUBES. W/ GOLD PLATED VARIABLE CONDENSER 20 TO 245 MMFD. COILS, COND, RESISTOR TRANSF. SOCKETS ETC. REQUIRES 24 VOLT FOR FILAMENTS (CAN BE REWIRED FOR 12) AND 300 VDC 25 MA. FOR HIGH VOLTAGE. SCHEMATIC SUPPLIED. (CRANK GENERATOR AND GEAR TRAIN LISTED PAGE 8)
 SIZE: 6x8x7 $\frac{1}{2}$; WT: 3 LBS. NO TUBES, PRICE \$2.95

S.O.S CODER WHEEL WITH GEAR TRAIN, SWITCHING ASSY. RELAY, PILOT LIGHT ASSYS, ETC. FOR ABOVE TRANSMITTER. PRICE: \$1.00

SILICON RECTIFIERS

POWER TESTED AT 1 MA MAX. LEAKAGE

1 AMP (TOP HAT)	35 AMP (STUD)
50-200 PIV \$.10	50 V \$.75
200-400 " .15	100 V 1.00
400-600 " .25	200 V 1.50
600-800 " .35	300 V 2.00
800- " .45	400 V 2.25
1000 " .55	500 V 2.50
	600 V 3.00
	900 V 4.00
5 AMP (STUD)	240 AMP
200-400 PIV .50	50 V 6.00
400-600 " .60	150 V 7.50
700 " .70	300 V 10.00
800 " .85	
1000 " 1.75	
1N1347 6 AMP. 500 PVI (GOLD) 1.50	2N722 1.00

PE-204 VIBRATOR POWER SUPPLY, OPERATES FROM 12 VDC, OUTPUT VOLTAGE TWO 4.3 VDC @ 50 MA.
" 45 " @ 1/2 AMP.
" 85 " @ 5 MA.
SIZE: 7x5x5 1/2; WT: 12 LBS.
\$4.95

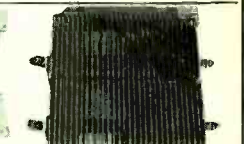


DIVERSITY RECEIVER



DIVERSITY RECEIVING EQUIPMENT PROVIDES A MEANS FOR COMBINING THE OUTPUT THE OUTPUT OF THREE RECEIVERS TO PRODUCE A SINGLE KEYED AUDIO OUTPUT SIGNAL, FREE FROM NOISE AND OTHER UN-DESIRED INTERFERENCE. IT IS SUITABLE FOR USE ONLY IN CW & MCW SIGNALS AND NOT VOICE. THE BAND PASS FILTER IS FOR 600 TO 1200 CYC. AND THE OUTPUT OF EACH RECEIVER IS INDICATED ON THE METERS WHICH ARE 500 MICROAMP. THE AUDIO FREQ. CONTROL CAN BE ADJUSTED FOR THE PROPER BAND PASS. INPUT AND OUTPUT IMPEDANCE IS 600 OHMS. EQUIPMENT OPERATES FROM 115/230 VOLT 50/60 CYC. AND CAN BE RACK MOUNTED. W/TUBES 1/VR-150, 1/6F8, 3/6A6, 2/6SJ7, 1/77, 1/1V, 1/80. SIZE: 21x19x14; WT: 125 LBS. PRICE: NEW WITH MANUAL \$24.95

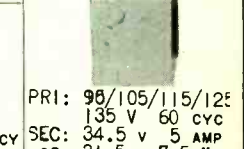
DUAL EXHAUST FANS; FOR 19" RACK MOUNTING, 110 V CAPACITOR TYPE MOTOR 6 1/2" BLADES, 3250 RPM MOTORS MOVE PLENTY AIR : 12 LBS. USED \$14.95



SELENIUM RECTIFIER . HALF OF FULL WAVE (FOR USE W/TRANS. TO LEFT) SIZE 12x16x6
WT: 28LB. \$8.95 EA.
TWO FOR \$15.00



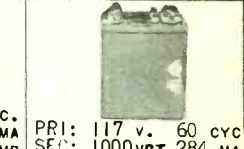
PRI: 115 v. 60 CYC
SEC: 25 KV INSULAT
OR 8.5 v. 54 AMP
OR 7.5 v. 48 " 3340-063651454
OR 7.5 v. 32 " \$9.95
SIZE: 6x7 1/2 x 9. 50 LBS #3340-296-879 \$14.95



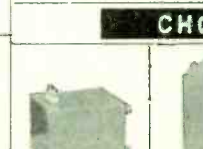
PRI: 115v 50-1000cy
SEC: 34 v 3.5 AMP
SIZE: 4 1/2 x 5 x 4. 15 LB #5950-518-4306 \$4.95
SEC: 34.5 v 5 AMP
OR 31.5 v 7.5 " #5950-280-5738 \$7.95
SIZE: 4 1/2 x 6 x 5 1/2; 25 L



PRI: 115 v. 60 CYC
SEC: 660 CT 495 MA
SIZE 5x5 1/2 x 4 1/2; 21 LB #5950-648-3482 \$2.95
PRI: 117 v. 50/60cy
SEC: 510 vct 100 MA
SIZE: 3x4 1/2 x 3 1/2; 7 LB. \$1.95



PRI: 115 v. 60 CYC.
SEC: 700 vct 200 MA
6.3 v 4 AMP
5.0 v 3 " 18.0 v .5 " #5950-646-3264 \$3.95
PRI: 117 v. 60 CYC
SEC: 1000VCT 284 MA
TAPPED 800 VCT
140 v. 100 MA
SIZE: 4 1/2 x 7 1/2 x 3 1/2; 23 LB #5950-646-3720 \$4.95



10 HY 150 MA RES. 100 OHM TEST 3000 V. SIZE 3 1/2 x 4 1/2 x 3 WT: 7 LBS. 3C323-6220 \$1.95
10 HY 415 MA RES. 60 OHMS TEST V 1800 SIZE 4x5x3 1/2 WT: 12 LBS. 5950-645-9675 \$4.95
12 HY 525 MA RES. 68 OHM TEST 2500 V. SIZE 6 1/2 x 7 1/2 x 5 WT: 33 LBS. #N284270 \$7.95

CHOKES

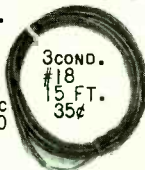
WAVEMETER FR-24 (XW-3)/U MFG. BY POLYTECHNIC RESEARCH & DEVELOPMENT CO 12,400 TO 15,000 MC. 2 TO 4 % CORRECT ION. WAVEGUIDE 1-5/16" FLANGE. SIZE: 4 1/2 x 8 x 5 1/2; WT: 10 LBS. USED \$150.00

0-15 DC AMMETER



HOYT D.C. AMPERE METER 0-15 MIRRORED FAN SCALE 4" IN PORTABLE CASE W/ TEST LEADS & HINGED COVER. SIZE 5 1/2 x 6 1/2 x 2 1/2 WT: 3 LBS. \$3.95

AC LINE CORD 4 FT. WITH SWITCH WHITE. 25# 5 FOR \$1.00



THREE CONDUCTOR #18, BLACK PLASTIC 15 FT. 35# 3/\$1.00 PLASTIC COVERED 2/12 8¢ PER FOOT

FLASH LAMP

A GASEOUS DISCHARGE FLASH LAMP AS USED IN VVX-1 IND ENTIFICATION EQUIPMENT. 200 WATT SECOND, 3 PRONG BASE. SYLVANIA #1073/4330 CAN BE USED IN PHOTO-FLASH \$3.95 EACH 2 FOR \$7.00



SG-23/U NOISE GENERATOR PROBE OPERATES FROM PEN LIGHT CELL. 6x3x4" \$1.95

BAKELITE CASES FOR MOTORAIDE METERS. ON PAGE 2 CATALOG

STANDARD ELECTRICAL PRODUCTS VARIAC 30 VOLTS 5 AMP. 3x3x2 D WT. 3 LBS. \$4.95

TS-446 R.F. INDICATOR, NEON BULB IN LUCITE PROBE 1/25 WATT NE-2 BULB, 4-5/8 LG. X 1/2" W/CLIP PRICE: \$1.00

EMPTY CASE FOR BUILDING AND MOUNTING MOTORAIDE FOUNDATION METERS SHOWN ON PAGE 2. PRECUT HOLE FOR METER. SIZE: 5 1/2 x 3 x 7; WT: 2 LBS. \$1.95

GENERAL RADIO VARIAC 230 VOL 2 AMPS. TYPE W5H SIZE 4 1/2 x 4 1/2 x 4 1/2 WT. 8 LBS. \$12.50

SILICON RECTIFIER STACK 2 106 AMP. 35 VOLT MOUNTED. SIZE 5 1/2 x 3 1/2 x 6 1/2; WT: 4 LBS. GE# 4JA6011ACIAB1 \$6.95

TS-46/AP FREQUENCY METER DESIGNED TO MEASURE PULSE OR CW SIGNALS IN 3 CM & 9 CM RADAR BAND. USES TUNEABLE LINE COUPLED BY A INDUCTIVE LOOP ACROSS A CRYSTAL CIRCUIT. MICROAMPERE METER 3", 0-200 DC. SIZE: 11 1/2 x 3 1/2 x 3; WT: 6 LBS. \$14.95

FURNACE CONTROL TRANSFORMER PRI: 115/230v 60CYC SEC: 23V 1.8A MOUNTED ON 4x4 PLATE WITH 2x4 ELECTRICAL JUNCTION BOX. WT. 4LBS. \$1.50

12 VOLT TO 6 VOLT CONVERTER; INPUT AMP. APPROX. 20 OUTPUT ON REC. 6 VDC 10 AMP. TA-142 \$14.95

COAXIAL RELAY THREE SC-239 COAX CONNECTORS. WIRED FOR 24VDC HAS TAPPED COIL FOR CHANGING TO 12VDC SIZE: 3x3x2 WT 1LB #RE-13/ARA-8 PRICE: \$4.95

GROUNDING PLUG WITH REMOVEABLE GROUNDING PRONG AND SIX FEET OF THREE CONDUCTOR CABLE. 814-4697 \$3.95 3/\$1.00

DIAL FOR TS-147 SIGNAL GENERATOR, 6 SCALE MARKED 843 TO 977 W/ TRAVELING INDEX. SIX INCH DIA. 4 MTG. HOLE REMOVED FROM EQUIP. WT: 2 1/2 LBS. \$1.95

ANTENNA CHANGOVER RELAY. ANTENNA INPUT CONNECTOR UG-21. OUTPUT TO RECEIVER-TRANS. 2/UG-88. 24 VDC NEW \$3.75

EIGHTY VOLT TWO SPEED PHONO MOTOR ON MOUNTING PLATE 3x3x2 1/2 WT 3 LB. \$1.00

DICTOGRAPH SWITCH BOX, LEVER SWITCH 3 POSITION OFF-LISTEN-TALK, 2 INDICATOR LIGHTS, 6 POSITION WAFER SWITCH, 5 FT 14 COND. CABLE, WOOD CASE WALNUT FINISH. SIZE 2x4 1/2 x 3; 3 LBS. #DICT.95083 \$3.95

INDICATOR SYNCHRO RECEIVER, 5 1/2" DIAL CALIBRATED 0-360 DEGREES & 0-1600 KNOTS, SYNCHRO RECEIVER 23TR6 OPERATES 115VOLT 60 CYCLE. WT: 3 LBS. \$12.95 23TR6 SYNCHRO RECEIVER LESS INDICATOR DIAL \$10.95

NAVY KEY WITH FIVE FT. CORD AND PL. 55 SIZE 2 1/2 x 2 1/2 x 5 1/2 NEW \$2.50

TERMINAL BOARD, PART OF BD-96 SWITCHBOARD 10 HEAVY DUTY BLACK BINDING POSTS, SCREW TYPE & 90 SLOTTED HEAD BRASS BINDING POSTS ON BOARD 19 1/2 x 5 1/2 x 1/2 WT: 8 LBS. \$1.95

CAMERA LIGHT FILTER GRAY COLOR, 50% TRANS. SCREW IN MTG. 2-23/32 69 MM DIA. WRITTEN DENSBITY .30, FOR WOLLEN SAK TYPE V 254 MM F4.5 35 MM P/O PH330G CAMER 8A1101-50.4 \$1.95

TELETYPE PAPER 8 1/2 INCHES WID ON 5 INCH DIAMETER ROLL. THREE SHEETS OF CARBON PAPER AND FOUR SHEETS OF YELLOW PAPER. WT. 5LBS PER ROLL

TERMINAL BOARD P/O BD-71 SWITCHBOARD. 15 BRASS SCREW TYPE BINDING POSTS ON INSULATING BOARD 3 1/2 x 16; 3LBS \$1.50

TELETYPEWRITER PERFORATOR TAPE 11/16" WIDE, YELLOW, 8" OD ROLL 1" ID, OILED. (APPROX 900 FT.) PACKAGE 10 ROLLS 14 LB. \$2.50

Fair Radio Sales Co.
 2133 EIDA ROAD
 Lima, Ohio 45802
 P. O. BOX 1105

**Pray
 70-Day
 Peace on
 Earth
 Good Will
 To All Men**

**DAVID J GOODMAN
 3305 DE SOLA AVE
 CLEVELAND HTS OHIO 44118**

RETURN REQUESTED

PAID
 Lima, Ohio
 Permit No. 74

**NEW LOCATION
 AFTER JUNE 1
 1016 E. EUREKA**

**BC-221
 FREQ. METER**

THIS IS A SIMPLE ACCURATE AND RELIABLE CRYSTAL CALIBRATED FREQUENCY INDICATING INSTRUMENT FOR USE IN THE 125 TO 20,000 KC. RANGE, WITH A NORMAL OPERATING ACCURACY OF LESS THAN .02%. CAN ALSO BE USED AS A SIGNAL GENERATOR OR VARIABLE FREQ. OSCILLATOR.

OPERATING VOLTAGE REQUIRED FOR DRY CELL OPERATION 6 VDC .9 AMP. @ 135 VDC 20 MA.
 SIZE: 10x13x10; WT: 25 LBS.

UNITS MAY BE IN WOOD OR METAL CASES VARIOUS LETTERS (e)

COMPLETE WITH TUBES, CRYSTAL AND ORIGINAL CALIBRATION BOOK.

USED UNITS COMPLETE AS DESCRIBED CHECKED FOR OPERATION. **\$79.50**

NEW UNITS COMPLETE AS DESCRIBED ABOVE PLUS HEADSET AND MANUAL. **\$125.00**

FIRE CHEX

AUTOMATIC SAFETY DEVICE PROTECTS CARS FROM FIRE. FOOL-PROOF COMPACT UNIT INSTANTLY BREAKS ELECTRICAL CIRCUITS IN VEHICLE ROLL-OVER, COLLISION SIDESWIPE ETC. SENDS ELECTRIC SYSTEM "COLD" TO ELIMINATE FIRE HAZARDS IN ACCIDENTS CAUSED BY ELECTRICAL SYSTEMS. ORDINARY ROAD BUMPS ETC. WILL NOT ACTIVATE. RESET AND MANUAL OPERATION FROM DASH ALSO PREVENTS CHILDREN FROM STARTING ENGINE, BLOWING HORN, OPERATING POWER WINDOWS, CIGARETTE LIGHTERS ETC. EASILY TO INSTALL, COMPLETE WITH INSTRUCTIONS. SHPG. WT: 5 LBS. NEW LOW LOW PRICE: \$5.95

OSCILLOSCOPE

USM-24 OSCILLOSCOPE
 3 INCH CR TUBE 3PI
 RECURRENT SWEEP, 8 CYC PER. SEC. TO 600 KC.
 TRIGGERED SWEEP 1.25-125 MICROSEC. VERT. DEFLEC. SENSITIVITY .035 HORIZ DEFLEC. 4.0V
 HORIZ RESPONSE .5 CYC PER SEC. TO 700KC.
 VERT. RESPONSE 4 CYC PER. SEC. TO 10MC BEAM MOD. RESPONSE 50 CYC PER. SEC. TO 10MC HORIZ INPUT IMPEDANCE 300, 600 OHMS. BEAM MOD. INPUT RESIST. 56,000 OHMS OPERATES FROM 115VOLTS 50-1000 CYC. RADIO FREQ. & MOD. CIRCUITS USE BCN SERIES COAXIAL CONNECTORS.

SIZE: 17x15x15; WT: 60 LBS. USED SERVICEABLE PRICES LISTED BELOW ARE LESS BLOWERS, PROBES CABLES, COAXIAL ADAPTERS AND AS OFFERED.

OS-51/USM-24 --- LESS FRONT AND BACK COVERS.....\$59.50
 OS-26/USM-24 --- LESS FRONT COVER AND DELAY LINE.....\$44.95
 OS-26/USM-24 --- WITH FRONT AND BACK COVERS, LESS DELAY LINE..\$49.95

LIMA Kwikstart POWER PAK

KWIKSTART POWER PAK STARTS ANY 6, 12 OR 24 VOLT ENGINE SYSTEM FROM 115 VOLT 60 CYCLE IN ANY KIND OF WEATHER. NEWLY MANUFACTURED OF LATEST DESIGN UNIT IS A POWER HOUSE OF ENERGY ENERGY NEEDED TO START STUBORN ENGINES IN SUB-ZERO WEATHER, EVEN THOUGH THE BATTERY MAY BE DEAD. PORTABLE UNIT ONLY WEIGHS 30 LBS. AND COMES WITH 4 FT. CABLE WITH HEAVY DUTY CLAMPS AND 6 FT. LINE CORD.

STANDARD UNITS: 12 V. 225 AMP. \$80.00
 6 V. 400 AMP. \$115.00 24 V. 115 AMP. \$90.00

COMBINATION UNITS:
 6/12 V 400/225 A \$180.00 12/24 V 225/115 \$156

BC-223 TRANSMITTER

BC-223 TRANSMITTER 25 WATT 2000 TO 5200KC BY USE OF 3 PLUG IN TUNING UNITS, CRYSTAL CONTROL AND VARIABLE OSCILLATOR, FOUR PRESELECTED CHANNELS, USES FT-171 CRYSTAL HOLDERS WITH TUBES 1/801 OSCIL LATOR, 1/801 POWER AMPLIFIER, 2/46 MODULATORS, 1/46 AUDIO AMPLIFIER, 2" METERS, 0-3 R.F & 0-300 VDC MA. VOLTAGE REQUIRED 12 OR 24 VDC & 500 VDC @ 150-200 MA.
 SIZE: 18x13x7; WT: WITH 3 TUNING UNITS 100 LBS
 PRICE: W/TUBES AND 3 TUNING UNITS WITH CASES FOR 2 TUNING UNITS.. NEW \$29.50

TU-17 TUNING UNIT 2000-3000 KC. \$4.95
 TU-18 " " 3000-4500 " 3.95
 TU-25 " " 4500-5200 " 3.95
 CS-56 CASE FOR HOUSING TUNING UNIT 1.50
 FT-173 SHOCKMOUNTING 2.50
 POWER PLUG CONNECTOR F/TRANS OR POWER 1.50
 PE-135/PE-55 DYNAMOTOR 12/24 VOLT, USED 12.95
 KIT OF PARTS \$25.00 WIRED \$29.95

RECORDER-VISUAL

BC-1323A RECORDER-REPRODUCER AUDIO-VISUAL, USED TO RECORD ON STEEL TAPE 48" LONG 3 CHANNELS AUDIO FROM MICROPHONES, 64 OHM RECODING HEAD, TAPE SIZE .050 W.X.002 TH.6" PER. SEC. RECORDING SPEED. DISPLAY ON 1" 913 CR TUBE VIEWED THRU RUBBER EYE PIECE. OPERATES FROM 6 VDC 5.5 AMP. WITH 10/9001, 1/6AK6 & 1/913 CR TUBES.
 SIZE: 8x28x6; WT: 40 LBS. USED \$24.95

POLARITY PROTECTION UNITS:
 THESE UNITS HAVE THE ADDED FEATURE THAT THEY WILL NOT OPERATE IF THE CABLES ARE REVERSED THEREBY WILL PREVENT DIODES FROM BURNING OUT ON CARS USING ALTERNATORS.
 PRICE FOR SINGLE VOLTAGE UNITS ADD 25%
 DUAL " " " 50%

AIRCRAFT TYPE UNITS:
 HAVE 6 FT. CABLE AND AIRCRAFT TYPE STARTING PLUG. PRICES: ADD 20% TO THE PRICES LIST.

CHARGE-START UNIT:
 QUICK START, FAST CHARGE UNIT WITH POLARITY PROTECTION. 12 VOLT ONLY \$168.00

RECEIVER TRANSMITTER

COMCO MODEL 278 TRANSMITTER-RECEIVER 225-400 MC RECEIVER-TRANSMITTER FOR 6/12/24 VOLT OPERAT 10N. POWER OUTPUT 2+3 WATTS. UNIT IS CRYSTAL CONTROLLED (CRYSTALS NOT INCLUDED). COMPLETE WITH TUBES: 2E26, 5686, 5/6BH6, 12AX7, 2/6AQ5, 6AT6, 3/6BJ6, 6BE6, 2/6AK5, 6AK6. UNIT COMPLETE WITH TUBES, CABLES, SPEAKER, AND CONTROL BOX.
 SIZE: 12x11x5. WT: 35 LBS.
 USED \$49.95

WORLD'S FINEST SURPLUS BARGAINS..

Spring-Summer 62



SONO-BUOY RECEIVER

R-156/ARR-16 FM RECEIVER USED TO RECEIVE SIGNALS FROM SONO-BUOYS IN THE FREQ. RANGE OF 62.8 TO 72.1 MC. BY USE OF THE TUNEABLE DIAL, WHICH IS VERNIER TYPE WITH COARSE AND FINE TUNING. ALSO HAS TWO AUDIO LEVEL CONTROLS, SCALE EXPANDER, PILOT LIGHT DIMMER, HEADSET JACKS ETC. IF FREQ. 8 MC. COMPLETE WITH 24 VOLT DYNAMOTOR, TUBES 5/6AK5, 2/12SG7, 3/12SH7, 1/12H6, 1/12A6, 1/VR-150, 1/12SN7 & BAL-LAST TUBE. (SEE PAGE 23 FOR SONO-BUOY TRANS.) SIZE: 10 1/2 x 8 x 1 1/2; WT: 27 LBS. POWER PLUG \$1.50
PRICE: USED \$16.95



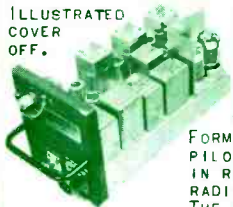
CROSS-POINT INDICATOR

1D-304/APA-70 COURSE INDICATOR WITH TWO CROSS POINT MICROAMPMETER MOVEMENTS ONE CENTER SCALE TO -50-0--50, OTHER -25-0--75 ALSO ON/OFF SWITCH. WESTON#888 TYPE 9 SIMILAR TO 1-101C CROSS POINT INDICATOR AS USED WITH GLIDE PATH RECEIVERS. SIZE: 3 1/2 x 3 x 4; WT: 3 LBS. PRICE: NEW \$4.95
CONNECTOR PLUG TO FIT (6 CONTACT) \$1.50



BEACON RECEIVER R-122/ARN-12

ILLUSTRATED COVER OFF. AIRBORNE EQUIPMENT DESIGNED TO RECEIVE RADIO SIGNALS TO DELIVER AURAL & VISUAL INDICATION OF THE RECEIVED SIGNAL TO THE PILOT OF THE AIRCRAFT IN WHICH IT IS INSTALLED. FROM THESE INDICATIONS THE PILOT CAN ACCURATELY CHECK IN RESPECT TO A PARTICULAR RADIO RANGE STATION. THE RECEIVED SIGNAL IS FIXED FREQ. 75 MC. A-M MODULATED AT 400, 1300 OR 3000 CPS. AND OPERATES FROM 24 VOLTS DC FOR FILAMENTS AND B VOLTAGE. COMPLETE WITH TUBES 5/6AJ5, 2/6AL5W & 2/28D7. HAS CRYSTAL CONTROLLED OSCILLATOR WITH 6.9 MC., IF FREQ. SIZE: 10 x 5 x 6; WT: 8 LBS.
PRICE: USED \$4.95



T B X RADIO SET



TRANSMITTER FREQ. 2800 TO 5800 KC; CW 9 WATTS, PHONE 3 WATTS, MO OR CRYSTAL CONTROL ON TWO PRESELECTED FREQ USES ONE 837 TUBE AND POWER IS SUPPLIED BY THE HAND-CRANK GENERATOR WHICH IS 500 VDC
65 MA. & 12.6 @ .86 AMP. RECEIVER FREQ. 2000 TO 8000 KC; AUDIO OUTPUT 8 MILLIWATTS, 600 OHM IMPEDANCE. CW & MCW RECEPTION WITH PROVISIONS FOR NETTING AND LOCKING FREQ. SELECTOR DIAL. USES 4/34 & 1/1C6 TUBES. RECEIVER NORMALLY DESIGNED FOR OPERATION FROM DRY CELLS AND REQUIRES, 3 VOLTS DC FOR FILAMENTS, 90 & 150 VDC FOR B VOLTAGE AND 2/7.5 C VOLTS. ANTENNA EQUIPMENT IS A 24 FT. WHIP COMPLETE WITH GROUND INSULATOR, GROUND STAKES, GUY ROPES THE COMPLETE SET, CONSISTS OF TRANSMITTER-RECEIVER IN WATERPROOF METAL CASE, WATERPROOF METAL BATTERY BOX, HAND-CRANK GENERATOR, ANTENNA EQUIPMENT, CABLES, MICROPHONE, HEADSET, KEY, MANUAL WITH ZIPPER CANVAS BAGS FOR STORING PLUS THE LARGE TRUNK 4 FT 2 IN LG. X 18 X 18. TOTAL WEIGHT OF ALL ITEMS 197 POUNDS.
PRICE: \$54.50

SAME AS ABOVE ONLY LESS TRUNK, HEADSET, MIC., KEY AND CANVAS BAGS. PRICE: \$39.50

GUN SIGHT



K-14 GUN SIGHT, SIGHTING HEAD. ILLUMINATED UNIT WITH TWO 2" 8X POWER LENSES, 1/2" REFLECTING MIRROR, WORM GEAR ADJUSTING LIGHT SHUTTER, TWO AUTOSYN MOTORS CONNECTED BY A SPRING BELT AND TWO MIRRORS MOUNTED ON SHAFTS. SIZE: 9 x 5 x 5 1/2; WT: 10 LBS.
PRICE: USED \$2.95

A-M RECEIVER 25 TO 105 MC



R-58/ARQ-8 RECEIVER USED WITH T-51 TRANSMITTER AS A SEARCH AND JAMMING SET IN 25 TO 105 MC RANGE. THE RECEIVER FREQ. WAS CONTROLLED BY THE TRANSMITTER OSCILLATOR AND FEED THROUGH THE COAXIAL CONNECTOR ON THE FRONT OF THE RECEIVER WHICH HAS A 20 MC. IF. A BAND-PASS CIRCUIT 5 MC. WIDE TUNEABLE BETWEEN 25 & 105 MC IS USED BETWEEN THE MIXER CONTROL GRID AND THE ANTENNA. UNIT REQUIRES 115 VOLT 400 CYCLE & 24 VOLT FOR POWER. COMPLETE WITH TUBES 1/9001, 3/6SG7, 1/6SG7, 1/6AG7 AND 1/5Y3GT. SIZE: 5 1/2 x 7 x 2 1/2; WT: 25 LBS.
PRICE: USED \$14.95
ILLUSTRATED COVER REMOVED. POWER PLUG, \$1.50
RECEIVER SCHEMATIC \$1.00/ POWER PLUG, \$1.50

POWER SUPPLIES



BC-923 RECEIVER POWER SUPPLY OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 275 VOLTS DC, 150 MA. & 12.6 VOLTS AC. 4 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5U4G TUBE, CHASSIS, WIRING DIAGRAM, LINE CORD ETC. SIZE: 5 1/2 x 6 1/2 x 9 1/2; WT: 15 LBS.
PRICES: KIT OF PARTS...\$16.00
#PS-923 WIRED... 20.95

R-77/ARC-3 RECEIVER POWER SUPPLY

OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 210 VOLTS DC @ 125 MA. & 24 VOLTS AC @ 2 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5Y3GT TUBE, CHASSIS, LINE CORD ETC. #PS-R77/ARC-3 SIZE: 5 1/2 x 6 1/2 x 9 1/2; WT: 14 LBS. (LAYOUT SAME AS 923)
PRICES: KIT OF PARTS..\$15.00 WIRED \$19.95

AC-DC POWER SUPPLIES

OPERATES FROM 115 VOLT 60 CYCLE SUPPLIES 24 VOLTS DC @ 6 AMPS. COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE FUSE, PILOT LIGHT, BINDING POSTS LINE CORD ETC. SIZE: 7 x 6 x 1 1/2; WT: 15 LBS. STK#PS-28VDC6A.
PRICES: KIT OF PART ...\$14.00
WIRED... 18.95



SAME AS #PS-24VDC6A ONLY WITH OUTPUT OF 24 VDC 4 AMPS. AND MOUNTED ON SMALLER CHASSIS SIZE, 5 1/2 x 9 1/2 x 5; WT: 10 LBS. STK#PS-24VDC4A
PRICE: KIT OF PARTS..\$15.00 WIRED..\$18.95



OPERATES FROM 115 VOLT 60 CY SUPPLIES 24 VOLTS DC 1 1/2 AMPS. COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, PILOT LIGHT, LINE FUSE, CHASSIS, BINDING POSTS, LINE CORD ETC. SIZE: 7 x 6 x 5; WT: 5 LB
STK#PS-24VDC1.5A
PRICE: KIT OF PARTS..\$7.00
WIRED.. 9.95

SAME AS #PS-24VDC1.5A ONLY WITH OUTPUT OF 12 VOLTS DC 2 AMPS. STK#PS-12VDC2A
PRICE: KIT OF PARTS..\$6.00 WIRED \$8.95

MORE POWER SUPPLIES

	KIT	WIRED
BC-603 OR BC-683 P.S PAGE 8	\$10.00	\$14.95
ARC-5/COMM. REC. P.S " 8	15.00	18.95
BC-1206 RECEIVER P.S " 4	16.00	19.95
ARB RECEIVER P.S " 4	10.00	

FM RECEIVER

BC-617 FM RECEIVER & SELECTOR FREQUENCY COVERAGE 30 TO 40 MC. 10 CHANNEL TONE SELECTOR THAT ACTUATES RELAY CIRCUITS. COAXIAL ANTENNA INPUT, SQUELCH CIRCUIT, AUDIO CONTROL OUTPUT JACK, ETC. COMPLETE WITH TUBES 7/12SN7, 1/12H6, 1/12SA7, 2/12SJ7, 3/12SK7 & 1/VR 105 AND 24 VOLT DYNAMOTOR. SIZE: 11 x 8 x 2; WT: 35 LBS.
PRICE: UNUSED \$24.50



AUDIO AMPLIFIER AM-26/AIC

AUDIO AMPLIFIER USED IN AIRCRAFT FOR INTER-COMMUNICATION. CARBON MICROPHONE INPUT, HIGH & LOW IMPEDANCE OUTPUT WITH VOLUME CONTROL. NORMALLY OPERATES FROM 24 VOLTS DC FOR FILAMENTS AND 250 VOLTS DC 60 MA. FOR B THAT WAS SUPPLIED BY A DM-32 DYNAMOTOR THAT WAS MOUNTED ON THE BACK. COMPLETE WITH TUBES 2/12J5 & 2/12A6. FOR CONVERSION TO 9 WATT AMPLIFIER SEE SURPLUS CONVERSION MANUAL #2 PRICED AT \$3.00
SIZE: 9 1/2 x 5 1/2 x 5 1/2; WT: 6 1/2 LBS.
PRICE: USED \$3.95



BC 1158 TRANSMITTER

BC-1158 RADIO TRANSMITTER & MODULATOR 50 WATT R.F. DOUBLER, AMPLIFIER AND MODULATOR SECTIONS, A.M 53.3 TO 95 MC. COMPLETE WITH 4/815 & 10/12SN7 TUBES. CRYSTAL CONTROL OR ANY ONE SINGLE CHANNEL. USED IN AIRCRAFT FOR REMOTE CONTROL OF RECEIVERS R-150 & R-174 SHOWN ON PAGE 14. VOLTAGE REQUIRED 24 VDC & 400 VDC @ 400 MA. (FOR CONVERSION TO 6 METERS SEE CQ MAGAZINE JAN. '57) SIZE: 8 1/2 x 16 1/2 x 16 1/2; WT: 32 LBS.
PRICE: NEW \$39.50



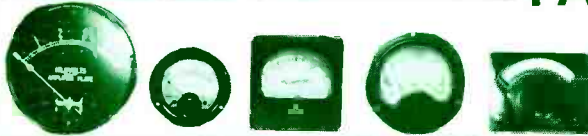
MIRROR-MATIC

AUTOMOBILE REAR VIEW MIRROR: AUTOMATICALLY CHANGES ANGLE OF MIRROR WHEN HEADLIGHTS OF CAR IN THE REAR STRIKES MIRROR. OPERATES 12 VOLTS D-C WITH PHOTO-CELL, 1/12K5 TUBE, SPST RELAY, RELAY THAT FLIPS MIRROR AND SENSITIVITY CONTROLS. CAN ALSO BE OPERATED BY A FLASHLIGHT OR OTHER LIGHT SOURCE.
SIZE: 10 1/2 x 2 1/2 x 1 1/2; WT: 3 LBS. PRICE:.. \$3.95

FAIR RADIO SALES

2133 ELIDA ROAD
ROUTE 30 SOUTH, WEST OF LIMA
BOX 1105 LIMA, OHIO
TEL. AREA CODE 419 226-6716
STORE HOURS
MONDAY THRU SATURDAY
9 AM TO 5:30 PM

SIZES INDICATED ARE FOR METER HOLE OPENING



VOLTMETERS

- 0-150 AC Round flush type for 2-1/8" hole, Bakelite case. Westinghouse type NA-33, 25 to 125 cycles. Signal Corps No. 3F8150-69 6.25
- 0-300 AC 3" round flush type, bakelite case, Simpson and General Electric Mfg. Signal Corps No. 3F8300-28 7.50
- 0-15 AC-DC Voltmeter 2 1/2" RD. Unused No. IS-122 2.95
- 0-30 DC Round flush type, for 2 1/2" hole. General Electric Mfg. Model 85W53AAL. Stock No. 2DA7 5.75
- 0-300 DC Round flush type, bakelite case, shielded, for 2 1/2" hole. Sun Mfg. Model 2AU346. Stock No. 159E-12 5.75

MILLIAMMETERS

- 0-3 DC Full scale 8 MA. 2 1/2" RD. No. IS-171 2.95
- 50-0-50 DC 3" round flush type, bakelite case. Sangamo and Weston model 301. Signal Corps No. 3F3327 6.25
- 0-500 DC Milliamp. 2 1/2" RD Unused No. IS-22 2.95
- 0-100 DC 3" round flush type, bakelite case. De-Jur model 310. Signal Corps No. 3F910-1 6.95
- 0-800 DC 3" round flush type, bakelite case, calib. for 1/8" steel panel. Signal Corps No. 3F980-2 6.95

R.F. METERS

- 0-3 RF Ammeter 2 1/2" RD. New Boxed No. IS-128 2.95
- 0-8 RF AMMETER 2 1/2" RD. Unused No. IS-89 2.95
- 0-10 AMPS 2-3/4" flange, for 2 1/2" hole, bakelite case. Weston model 507, Signal Corps No. 3F1010-24 5.95
- 0-1 AMPS 3" round flush type, bakelite case, Triplet model 0341-T or Weston model 425. Signal Corps No. 3F1001-31 6.25
- 0-100 MA For 2-1/8" hole, metal case. Calib. for 1/16" steel panel, with Thermocouple. General Electric model 1AN21, type DW-52. Signal Corps No. 3F912 5.50

AMMETERS

- 0-15 DC Ammeter 4 1/2" Fan Hoyt in metal case with test leads No. 515 3.95
- 0-30 DC 3" round surface mounting. Roller-Smith type TDS. Signal Corps No. 3F1030-9 6.95
- 0-30 DC 2" round flush type, metal case. Hoyt Meter Co. No. H17-3, scale has marking for 12 volt and 6 volt. Signal Corps No. 3F1030-22 5.50
- 0-1.5 DC Milliamp. Tube checker scale 2 1/2" flush mtg. P/O I-56A W. No. 685-2 2.95
- 0-75 AC Ammeter less shunt 3 1/2" RD No. 331JP 3.95

TERMS

PRICES NET, F.O.B. LIMA, O. SEND CASH, CHECK OR MONEY ORDER WITH PURCHASE ORDER

MINIMUM ORDER \$3.00. Orders less than \$3.00 ADD \$.50 HANDLING CHARGE. Include sufficient money for shipping charges. (UNUSED PAYMENTS RETURNED AT ONCE.) Otherwise we will send shipping charges collect.

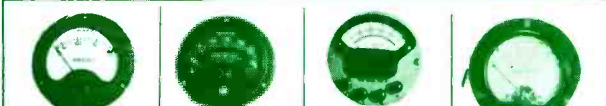
C.O.D. ORDERS, SEND 25% of PURCHASE WITH ORDER. BALANCE WILL BE COLLECTED UPON DELIVERY.

When writing for information PLEASE state what specific information you desire.

GENERAL ELECTRIC



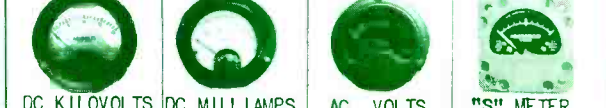
- A-C VOLTMETER TYPE AO-22 3 1/2" RD 0-15 SCALE 25-133 CYCLE \$3.95
- D-C VOLTMETER TYPE DO-41 3 1/2" RD. 0-150 SCALE \$3.95
- 0-4 KILOVOLT SCALE 3.95
- 0-1.5 " " " 3.95
- D-C MILLIAMMETERS TYPE DO-41 3 1/2" RD 0-200 OR 0-750 SCALE \$3.95 EACH
- RF AMMETER TYPE DO-44 3 1/2" RD. 0-20 SCALE \$4.95
- TIME METER MODEL 8KT8E125 3 1/2" RD. 10/12 VOLTS 60 CYCLE \$7.95
- DB METER 3 1/2" RD. WEST. TYPE NC35 SCALE 10-0-6 USED \$3.95 UNUSED 4.95



- AC AMPERES 25-125 CYC. 4" 0-200 SCL CURRENT/TRAN. RATIO 40/1 BASIC F.S 5A WEST#8055-2 STK#3F1002-4 \$7.95
- DC AMPERES 3 1/2" 0-300 scl USE W/SHUNT 50 MV/200 A WESTON-M-643 ORD#173030 \$7.95
- DC AMPERES PORTABLE 5" MIRROR SCALE 3 1/2" 0-.1, 0-1 & 0-10; EXTERNAL TERMINALS F/LEADS. SUN ELECTRIC MODEL AM-2 \$14.95
- MILLIAMPERES 0-5 DC KILO, 0-10 DC MA. SCALE. 2-3/4" BASIC MOVE. 1 MA. F.S. #B-55A-1164 \$2.95



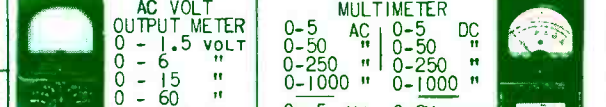
- DC AMPERES 2-3/4", 0-1sc 0-10 KILOVOLT SCALE REQ. 1 AMP. SHUNT. BASIC FS 1MA GE# KS-14346 TYPE#A268AY1 \$4.95
- DC VOLTS 2 1/2" 0-500 scl BASIC FS 500V RUGGEDIZED ALUMINUM PANEL ASSY. BURLINGTON STK#3F8C10-33 \$6.50
- MICROMHOS DYNAMIC MUTUAL CONDUCTANCE USED IN I-177 TUBE CHECKER BASIC 0-1.4 MA. HICKOK#M547A STK#3F1350 \$7.50
- DC MILLIAMPER 2-3/4" 0-15 & 0-300 SCALE USE EXT. SHUNT .35 OHM USED W/BC-669 VARIOUS MFG. STK#3F930-14 \$4.95



- DC KILOVOLTS 2-3/4" 0-20 SCALE BASIC MOVE. FULL SCALE 1 MA. EXTERN AL SHUNT REQ. WEST#43524-2 \$3.95
- DC MILLIAMPS 2-3/4" 0-50 SCALE BASIC MOVE. FULL SCL 50MA VARIOUS MFG. USN#CV22056 \$3.95
- AC VOLTS 400 CYCLE 2-3/4" 0-150 SCALE WEST#29566N2 FED#7608430 \$6.95
- "S" METER 1-3/4"; 1 MA FULL SCALE, 100 MV, DC. SLIGHTLY OFF CALIBRATION. MODEL 182 #MR15S1D10CAV \$1.95



- DC AMPERES 2-1/16" 0-120 SCALE EXTERNAL SHUNT REQ. AERO#C-120 NSD#R17A5730 \$2.95
- TUNING METER 2" TUNE FOR MAX. SCALE. 2 MA. RIGHT, 5 MA. LEFT. 5 OHM DC RES. USED IN RADIO COMPASS REC. #1-70 \$1.50
- D-C MILLIAMP 3" SG. 0-50 SCALE 0-1 MA. BASIC GE TYPE#D053 #7764612PT6 \$3.95
- DC MILLIAMPS 1 INCH 10 DOT SCALE DEJUR#101000 FED#8585782 \$3.95



- AC VOLT OUTPUT METER 0-1.5 VOLT 0-6 " 0-15 " 0-60 " 0-150 " SIZE: 3x6x3 #T650 USED CHECKED \$5.95
- MULTIMETER 0-5 AC 0-5 DC 0-50 " 0-50 " 0-250 " 0-250 " 0-1000 " 0-1000 " 0-.5 MA 0-2M OHMS 0-10 " 0-x10 " 0-100 " 0-x100 " 0-1000 " 0-x1000 " 3x6x3 USED, CHECKED \$10.95

LAB TEST EQUIPMENT

THIS IS ONE OF THE FINEST LOT OF LABORATORY TEST EQUIPMENT WE EVER HAD OCCASION TO OBER. IT WAS ALL RECENTLY RECONDITIONED AND NOT USED SINCE.

CATHODE RAY OSCILLOSCOPE BY MILLEN #90903, 3" TUBE RACK PANEL MOUNTING 5 1/2 x 19 WITH POWER SUPPLY, BRILLIANCE & CENTERING CONTROLS MAGNETIC SHIELDING, SWITCHES ETC. AS A TRANSMITTER MONITOR, NO ADDITIONAL EQUIPMENT IS REQUIRED. PRICE: \$49.50

HEWLETT--PACKARD ELECTRONIC VOLTMETER MODEL 400C, FREQ. RANGE 10 CYC. TO 4MC. 12 VOLTAGE & CURRENT RANGES .001 TO 300V. INPUT IMPEDANCE 10 MEGS. 15PF SHUNT. RACK PANEL MOUNTING 9x19. PRICE: \$150.00

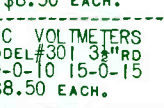
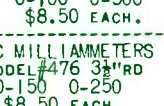
BALLATINE ELECTRONIC VOLTMETER MODEL 300, FREQ. RANGE 10 TO 150,000 CYCLES, VOLTAGE RANGE 1 MILLIVOLT TO 100 VOLTS, INPUT IMPEDANCE 2 MEG. SHUNTED BY 30 MMFD ACCURACY 2% TO 100KC, 3% ABOVE 100 KC. 19" RACK PANEL MOUNTING, 7" HIGH. ALSO HAS A DB SCALE. PRICE: \$125.00

WESTON PANEL METERS

- D-C VOLTMETERS MODEL#301 3 1/2" RD 0-150 0-300 0-200 0-350 0-250 0-500 \$7.50 EACH.
- A-C VOLTMETERS MODEL#476 3 1/2" RD 0-10 0-150 0-100 0-500 \$8.50 EACH.
- A-C MILLIAMMETERS MODEL#476 3 1/2" RD 0-150 0-250 \$8.50 EACH.
- D-C MILLIAMMETERS MODEL#301 3 1/2" RD 0-1 0-200 0-50 0-300 \$7.50 EACH.
- D-C VOLTMETERS MODEL#301 3 1/2" RD 10-0-10 15-0-15 \$8.50 EACH.

STANDARD ELECTRIC TIMER TYPE S-10 115 VOLT 60 CYCLE 6 RPM SECOND TIMER UNIT 4" WITH 0-10 AND 0-1000 SCALE W/REBET. PRICE: \$24.95

GENERAL-RADIO VARIACS PANEL MOUNTING 115 VOLT 60CYC #200B 1 A. \$ 7.95 #V-5 5 A. \$ 12.95 #230 VOLT 60CYC #V-5H 2 A. \$12.95



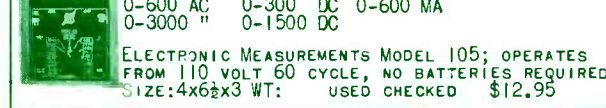
I-177 TUBE CHECKER PORTABLE DYNAMIC MUTUAL CONDUCTANCE TYPE WITH 3" ROUND METER THAT INDICATES IF A TUBE IS GOOD, BAD OR QUESTIONABLE ALSO FOR GASES, SHORTS & NOISE. #1111 CHECK 4 TO 7 PIN, LARGE, SMALL, OCTAL, LOCTAL, ACORN ETC. SIZE: 5 1/2 x 15 1/2 x 8 1/2; WT: 16 LBS. PRICE: USED CHECKED....\$24.95

MX-949/U ADAPTER TUBE SOCKET ADAPTER UNIT FOR USE WITH THE I-177 TUBE CHECKER LISTED ABOVE THAT WILL ENABLE YOU TO CHECK OTHER TYPE TUBES SUCH AS SMALL 9 PIN, LARGE 7 PIN & SOME TRANSMITTING TUBES. SIZE: 11x4x8; WT: 6 LBS PRICE: USED CHECKED, \$14.95

MULTIMETER

- 0-6 AC 0-3 DC 0-6 MA 0-1000 OHMS
- 0-30 AC 0-15 DC 0-6 MA 0-X100 "
- 0-120 AC 0-60 DC 0-60 MA 0-X10K "
- 0-600 AC 0-300 DC 0-600 MA
- 0-3000 " 0-1500 DC

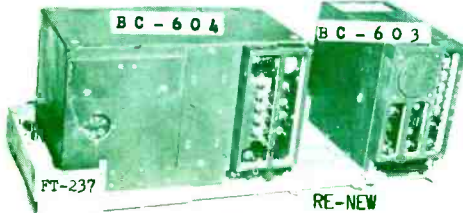
ELECTRONIC MEASUREMENTS MODEL 105; OPERATES FROM 110 VOLT 60 CYCLE, NO BATTERIES REQUIRED SIZE: 4x6 1/2 x 3 WT: USED CHECKED \$12.95



FM

TRANSMITTERS-RECEIVERS

AM



BC-603 RECEIVER OUT OF STOCK

Freq. Range 20-27.9 MC. 10 preset push-button channels or Manual Tuning. Has sensitivity and volume control squelch on and off. 2 watts output to self contained speaker. Sensitivity 1 microvolt 2.65 KC IF 12 V. operation with DM-34 Dynamotor, 24 V. operation with DM-36 Dynamotor, battery drain @ 12 V. 4 Amp. 10 Tubes; 6AC7 RF Amplifier, 6AC7 Modulator, 6J5 RF Oscillator, 12SG7 IF Amplifier, 12SG7 IF Amplifier, 6AC7 Limiter, 6H6 Detector, 6V6 2nd AF Amplifier and IF Oscillator. Size: 11 1/2" H X 6 3/4" W X 12 1/2" D. Wt. 30 lbs.

BC-683 RECEIVER OUT OF STOCK
SAME TYPE AS BC-603 EXCEPT
FREQUENCY RANGE 27 TO 39.1 MC. RE-NEW

AC Power Supply for BC-603 or BC-683, plugs into same place as dynamotor. NO CONVERSION TC SET. Transformer & tube type, no selenium rectifiers set is not hot.
KIT of PARTS \$10.00 COMPLETELY WIRED \$14.95
FT-346 SINGLE RECEIVER MOUNTING.....\$4.95

Dynamotor for BC-683 or BC-603 12 volt input, output 220VDC 80Ma.
DM-34 Dynamotor Used \$2.95 RE-New \$4.95

BC-604 TRANSMITTER USED \$4.95

Freq. Range 20-27.9 MC Output approx. 30 Watt. 10 crystal controlled channels. Freq. 54 time crystal frequency. 12 Volt DC operation with DM-35 Dynamotor. 24 Volt DC operation with DM-37 Dynamotor. Battery drain 20 A. on 12 Volt. Tube lineup; 1619 1st Audio Amplifier, 1619 2nd Audio Amplifier, 1619 Oscillator, 1619 Doubler, 1619 Tripler, 1619 1st RF Amplifier, 1619 RF Rectifier, 1624 Power Amplifier. Size: 18" L X 11 1/2" H X 10 3/8" D. Wt. 60 lbs. less dynamotor. RE-NEW 7.95

BC-684 TRANSMITTER Same as BC-604;
Frequency range
USED \$6.95 RE-NEW \$9.95

DM-35 Dynamotor 12 volt for BC-604, 684
Used: \$6.95 RE-NEW \$9.95

BC-924 TRANSMITTER New \$ 12.95
Used 8.95



Freq. Range 27-39.1 MC. 12 Volt DC operation. Voltage regulated M.O. Circuit. Slug tuned coils H1 and Low Output Switch. 30 Watt output on H1 position. Contains Interphone Amplifier. Schematic enclosed in cabinet. Tube lineup: 6SJ7 Oscillator, 6J5 Modulator, 6SJ7 Buffer, 6AG7 Amplifier, 815 Doubler, 815 Final, 6SL7 1st Audio, 6V6 2nd Audio. VR150 Voltage Regulator. Voltage required 12 or 24 VDC and 400 VDC @ 400 MA. Size: 18" L X 11 1/2" H X 10 3/8" D. Wt. 52 lbs.

FT-237 MOUNTING BASE RE-NEW \$7.95

Shock Mount base to hold one BC-924 Transmitter and one or two BC-923 Receiver or, one BC-604 Transmitter or one or two BC-603 Receiver. Sockets on the base will make all of the necessary connections to the sets. Terminal block mounted on the base for remote control cable. Wt. 44 lbs. Size: 11 3/4" W X 1 3/4" H X 33 5/8" L.

BC-659 RECEIVER-TRANSMITTER \$14.95 RE-NEW

FM TRANSMITTER & RECEIVER
27 to 38.9 Mc.

BC 659 Receiver-Transmitter crystal control on any two pre-selected channels, 80 channels. Uses FT-243 crystal 13 tubes, namely 1LH4, 1L06, 4/1LN5, 2/1291, 4/1299d/1291. Complete with tubes, speaker, meter & ONE crystal.
Range approx. 5 miles.
Size 15" x 13 1/2" x 6 1/4".
PE-120 POWER SUPPLY FOR BC-659 SEE BELOW \$2.95



AN-29 TELESCOPING ANTENNA FOR BC-659 \$2.95
BA-41 DRY CELL BIAS BATTERY FOR BC-659 & BC-620 \$5.95

BC-620 RECEIVER TRANSMITTER RE-NEW

F M Receiver - Transmitter 20 to 27.9 Mc.
Same as BC-659, above, only no speaker.
Size 6 1/2 x 13 1/2 x 20, WT. 26 lbs.
AN-45 Telescoping Antenna for BC-620....\$1.95

\$9.95

PE-120 POWER SUPPLY Re-New: \$ 7.95

Vibrator type for use with BC-620 or B8-659, fastens to bottom of set, same as PE-117 shown above. Operates from 6, 12 or 24VD Supplied with 12 volt vibrator only. Size 4 1/2 x 13 1/2 x 15 1/2. WT 30lbs.

FT-250 Shock-Mounting Base for holding BC-620, BC-659, PE-120 or PE-117, singly or stacked. Size 4 1/2 x 11 1/2 x 20, WT. 11 1/2 lbs.
RE-NEW \$4.95

F-M TRANSMITTER
T-14/TRC-1 FM TRANSMITTER
40 WATT, CRYSTAL CONTROL, ONE CHANNEL, COVERING THE FREQ. OF 70-100 MC WITH 30KC PHASE SHIFT FREQ. DEVIATION WHEN MODULATED BY A 250 TO 12000 CYCLE AUDIO SIGNAL. OPERATES FROM 115/230 VOLT 60 CY HAS 2 1/2" METER FOR MEASURING VOLTAGES OF THE DIFFERENT STAGES AND COMES COMPLETE WITH TUBES 1/829, 4/6V6 1/6SL7, 1/6SN7, 2/6AC7, 1/816 & 1/5R4.
SIZE: 16 1/2 x 10 x 12; WT: 65 LBS. PRICE: USED \$24.95

TRANSMITTER RECEIVER RT-91 ARC-2
NAVY AIRCRAFT TWO-WAY SET MULTICHANNEL, FOUR BANDS 2 TO 9.05 MC, CONTINUOUS TUNING OR 8 PRESET FREQ.
CW, MCW or PHONE. BOTH THE RECEIVER & TRANSMITTER ARE TUNED AT THE SAME TIME ON THE SAME DIAL AND ALL CONTROLS ARE ON THE FRONT PANEL INCLUDING MIC., KEY & PHONE JACKS. TRANSMITTER OUTPUT IS 15 TO 30 WATTS AM DEPENDING ON FREQ. & TYPE INSTALLATION. COMPLETE WITH 24 VOLT DYNAMOTOR WITH OUTPUT OF 260VDC/125MA & 500VDC/325MA. AND 25 TUBES, 4/12A6, 8/12SG7, 4/12H6, 2/12SA7, 2/12SL7, 1/12SJ7 & 3/1625.
PRICE: USED \$39.95
SIZE: 16x8x20; WT: 75 LBS.

BC-923 F M RECEIVER SHOWN TO LEFT 27 TO 38.9 MC.

FOUR PRESET FREQUENCY CHANNELS ALSO CONTINUOUS TUNING ONE MICROVOLT SENSITIVITY; POWER OUTPUT 3 WATTS; CALL SQUELCH; CRYSTAL CALIBRATOR CIRCUIT PERMITS EASY & ACCURATE SETTING OF CHANNELS. COMPLETE WITH 4" PM SPEAKER, PHONE JACKS & 16 TUBES, 1/VR-150, 2/6AC7, 1/6H6, 2/6SL7, 1/6SJ7, 1/6V6, 1/12SA7, 3/12SC7, 2/12SG7 & 2/12SJ7 ALSO 1000 KC CRYSTAL. VOLTAGE REQUIREMENTS, 12 OR 24 VDC & 275 VDC 150 MA. (SAME SIZE AND SHAPE AS BC-683 ONLY THIS IS A MORE SENSITIVE SET.)
SIZE: 11 1/2 x 6 - 3/4 x 12 1/2; WT: 42 LBS.
PRICE NEW \$29.95
PRICE WITH 10 SPARE TUBES, ONE OF EACH TYPE IN USE, FUSES (2) LAMPS (9). PRICE: NEW \$34.95

R-48/TRC-8 RECEIVER

DESIGNED FOR HIGH FIDELITY RECEPTION IN THE 230 TO 250 MC. FM BAND. ONE BAND VARIABLE TUNING TEST SWITCH FOR CHECKING VARIOUS VOLTAGES ON 2 1/2" MICROMETER ALSO HAS 4" PM SPEAKER AND SQUELCH CIRCUIT. COAXIAL ANTENNA INPUT ETC. OPERATES FROM 115/230 VOLTS 60 CYCLE. COMPLETE WITH TUBES 8/6AG7, 1/9002, 1/5U4, 1/VR-150, 1/6V6, 1/6N7, 1/6SN7 & 1/6AL7. SIZE: 20x19x16; WT: 67 LBS.
PRICE: UNUSED \$24.95 USED \$18.95



BC-652 RECEIVER

BC-652 RECEIVER AM 2 to 6Mc., two bands, large illuminated dial, AVC, MVC, AVC and volume controls, output Jack for phone or speaker on front panel. Eleven tubes, Receiver section 1/12SG7, 2/12K8, 2/12SK7, 1/12C8, 1/12SR7, 1/6Y6G, Calibrator section 1/6K8, 1/12SR7, Voltage Required 12 VDC & 172 VDC 138Ma. Size 7 1/2 x 14 x 12, Wt. 47 Price NO STOCK
Plug for rear of Receiver 1.50
DM-40 Dynamotor 12 Volt, New 2.95

BC-653 TRANSMITTER

BC-653 TRANSMITTER 2 to 4.5 Mc. 50 watt voice 100 watt CW, range 25 to 50 miles depending on conditions. Master oscillator control, four preset channels. Seven tubes 2/814, 1/807, 2/1613, 2/VR-105. Two 2 1/2" meters for reading Filament & Plate voltages & current and output meter.
Voltage required: 12VDC, 1000VDC 220Ma., 500VDC 185Ma. Size 26 x 12 x 14. Wt 140lbs.
A real good buy. Price \$19.95 Used

FT-253 MOUNTING BASE

FT-253 Mounting to hold Rec. & Trans. Used \$3.95
Size 34 x 12 x 3 Wt. 30 lbs. Unused \$5.95

F-M RECEIVER 152-172 MC

R-394 F.M RECEIVER 152 TO 174 MC, ONE CHANNEL CRYSTAL CONTROL ON ANY FREQ. IN THE RANGE. FREQUENCY DEVIATION 15 KC., AUTOMATIC GAIN & SQUELCH CIRCUITS. I.F. FREQ. 7.8 & 455 KC.
UNITS PLUG IN UNIT COMPLETE WITH 22 TUBES 1/45687, 1/5840, 1/5783, 1/5672 & 1/6AK6. (THIS REC. DOES NOT HAVE A CONTROL PANEL. THE TCS CONTROL BOX LISTED BELOW CAN BE MODIFIED FOR USE WITH THIS SET AND WE FURNISH INSTRUCTION THE VIBRATOR POWER SUPPLY IS INSIDE THE UNIT AND YOU CAN HAVE YOUR CHOICE OF 6, 12 OR 24 VOLT SUPPLY, SPECIFY WHEN ORDERING. SIZE: 5 1/2 x 8 x 14; WT: 33 LBS. USED PRICE: WITH POWER SUPPLY...\$49.50
LESS " " " 45.00
PLUG TO FIT FRONT END OF RECEIVER \$1.50

TCS REMOTE CONTROL UNIT TYPE 23270. CONTAINS ALL NECESSARY COMPONENTS FOR CONTROL OF RECEIVER AND TRANSMITTER SUCH AS ON/OFF SWITCHES, MIC. AND PHONE JACKS, VOLUME CONTROL PLUS A HEAVY MAGNET PM 5" SPEAKER & 9 PIN OUTPUT PLUG THAT FITS THE 20 FT. CABLE LISTED BELOW.
SIZE: 3 1/2 x 5 1/2 x 7 1/2; WT: 7 LBS. (WILL MAKE A GOOD CONTROL UNIT FOR ANY SET.
PRICE: RE-NEW \$9.95

TCS CABLE ASSEMBLIES
REMOTE CONTROL UNIT TO POWER SUPPLY 20 FT. 7 CONDUCTOR CABLE 2/#12, 2/#16 & 3/#20 COPPER WIRE WITH 9 PIN PLUG, ELBOW, CANNON GK-9 23-1/2 AC & STRAIGHT PLUG GK-9 21-1/2 AC. STK# 3E3860-12; WT: 10 LBS.
PRICE: \$4.95
CHASSIS CONNECTOR FOR ABOVE CABLE \$1.50

RECEIVER TO POWER SUPPLY 52" LG. 11 COND. CANNON PLUG GK-12-23 1/2 AC EA END. STK#3E7243-2 WT: 3 LBS. PRICE: \$2.75
TRANSMITTER TO POWER SUPPLY 29" LG. 11 COND. CANNON PLUG SKC 16-23 1/2 AC EA. END. STK#3E7273-19 WT: 3 LBS. PRICE: \$2.75

SCR 274-N ARC-5

COMMAND RECEIVERS—TRANSMITTERS

The COMMAND SET series of transmitters and receivers are the most popular surplus items on the market to-day.

The series consist of several units covering the frequency range of 190 KC to 9.1 MC for the receivers and 2.1 to 9.1 MC for the transmitters.

For those of you who are not familiar with this equipment and would like to know more about it we suggest that you purchase COMMAND SETS MANUAL for \$1.50. This book has 135 pages of conversion information including power supplies, schematics etc.

RECEIVERS

The receivers are six tube superhets using the following tubes, 1/12A6, 2/12XBY, 3/12SK7 & 1/12SR7. Designed to operate from 24 VDC dynamotor, which mounted on the rear of the set, supplying 250 VDC 60 MA. Size of set 5 x 5 x 11 WT. 6 lbs.

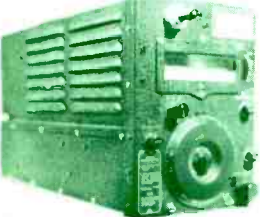


BC-453/R-23 190 to 550 KC used \$12.95
BC-946/R-24 520 to 1500 KC no stock
R-25 1.5 to 3.0 MC new \$17.95 used \$14.95

BC-455/R-27 6.0 to 9.1 MC used \$9.95
R-28 100 to 156 MC no stock

TRANSMITTERS

The transmitters with proper use can put out 50 watts or CW and watts on voice, with the use of the BC-456 modulator which is a separate unit. Dynamotor used with equipment is a DM-33 24 VDC input output 575 VDC 175 MA & mounts on the modulator. Tubes used 2/1625, 1/1626 & 1/1629 magic eye tube for crystal calibration Size 5 x 7 x 12 WT. 9 lbs



T-17/ARC 1.3 to 2.1 MC NEW \$14.95
T-18/ARC 2.1 to 3 MC NEW 8.95
T-19/ARC 3 to 4 MC USED 7.95
T-20/ARC 4 to 5.3 MC NEW 8.95
T-21/ARC 5.3 to 7 MC NEW 9.95
T-22/ARC 7 to 9.1 MC no stock
T-23/ARC 100 to 156 MC NEW 16.95



BC-456 MODULATOR AND DYNAMOTOR MOUNTING. USED WITH COMMAND SET TRANSMITTER COMPLETE WITH TUBES 1/1625, 1/12J5, VR-150. SIZE: 7x8x10; WT: 10 PRICE: USED \$2.95

CD-526 CABLE 5 FT. WITH PL-153 EACH END. \$4.95
CD-532 CABLE 5 FT. WITH PL-152 EACH END. \$2.75

PS-274N POWER SUPPLY FOR COMMAND & ARC-5 RECEIVERS. OPERATE FROM 115 VOLT 60 CYCLE, COMPLETE WITH SPEAKER, PHONE JACK AND BFO SWITCH PRICE: \$18.95

DM-32 DYNAMOTOR 24 V \$2.95 N 4.95
35x032 " 12 V 4.95
DM-33 DYN.F/TRAN24V 1.95 3.95
SPIN TUNING KNOBS FOR RECEIVER 1.00
CONNECTOR PLUGS REC/TRANS. EA. 1.50

ALL BAND RECEIVER

540 KC - 32 MC

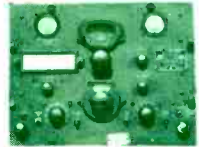
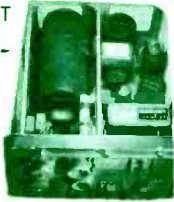


R-320/AR-88 RCA RECEIVER 540 KC TO 32 MC IN SIX BANDS WITH SINGLE DIAL TUNING, CRYSTAL PHASING, BAND SPREAD, RF & AF GAIN, MW-REC-CW, HF TONE, ANT-ADJUST, SELECTIVITY, BFO, AVC, NOISE LIMITER, ON/OFF, PHONE JACKS ETC. (SORRY NO "S" METER) 2.5 AND 600 OHM OUTPUT. COMPLETE WITH TUBES 5/6SG7, 2/6J5, 2/6H6, 1/6SA7, 1/6K6, 1/5Y3, 1/6SJ7 & 1/VR-150. OPERATES FROM 115/230 VOLTS 50/60 CYCLE SELF CONTAINED POWER SUPPLY. RACK PANEL MOUNTING 19". SIZE: 19x11x19 1/2; WT: 98 LBS.

PRICE; USED CHECKED FOR OPERATION \$185.00
USED NOT CHECKED FOR " 170.00
NEW CABINET WHEN PURCHASED WITH A RECEIVER 15.00

MAR SET MOBILE MODULATOR & 12 VOLT DYNAMOTOR POWER SUPPLY #CRV50248

AS USED WITH MARS NAVY TYPE TRANSMITTER. OPERATES FROM 13 VDC & CONTAINS A DYNAMOTOR WITH A OUTPUT OF 385 VDC, 500 MA. ALSO 50 WATT MODULATOR WITH 2/6L6 & 1/12 SL7 TUBES, SEALED RELAYS, WATER-JACKS, SWITCHES ETC. NO COVER. SIZE: 13x9x15; WT: 25 LBS. PRICE: UNUSED \$9.95



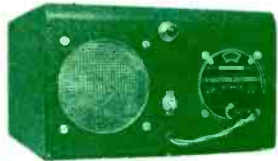
RBA NAVY RECEIVER 15 TO 600KC 4 BANDS WITH BAND SPREAD TUNING, DB & VOLTMETERS, CONTROL INPUT, OUTPUT, DB, CW, BROAD & SHARP TUNING, PHONE JACKS ETC. COMPLETE WITH TUBES 4/6SK7, 1/6SJ7, 1/6J5 & 1/6K6. LESS POWER SUPPLY. SIZE: 18x14x17; WT: 75 LBS. PRICE: USED \$75.00

GIBSON GIRL TRANSMITTER

AUTOMATIC TRANSMITTER AS USED IN RESCUE WORK. SENDS OUT SOS SIGNAL ON 500 KC WHEN CRANK IS TURNED. NO BATTERIES REQUIRED. COMPLETE SELF CONTAINED GENERATOR AND TUBES, 1/12A6, 1/12J5. (SORRY NO OTHER ACCESSORIES AVAILABLE) SIZE: 10x10x9; 15 LBS. PRICE: USED \$12.95



AC BEACON RANGE RECEIVER



BC1206-C BEACON RECEIVER



BC-1206 AIRCRAFT BEACON RECEIVER 200 TO 400 KC. OPERATES FROM 24 VDC 1.5 AMPS. 135 KC IF. COMPLETE WITH TUBES 2/14H7, 1/14J7, 1/14R7 & 1/28D7. CONTINUOUS TUNING, VOLUME CONTROL, ON/OFF SW. & PHONE JACK. SIZE: 4x4x6 1/2. WT: 5 LBS. SHOWN TO RIGHT. PRICE: USED CHECKED FOR OPERATION \$9.95 REC. ONLY

AC BEACON RANGE RECEIVER IN CABINET WITH 115 VOLT 60 CYCLE POWER SUPPLY & 4" PM SPEAKER, READY TO OPERATE. SIZE: 10x6x6; WT: 18 LBS. PRICE, COMPLETE WITH NEW CABINET & POWER SUPPLY AND USED RECEIVER CHECKED... \$29.95
SAME AS ABOVE, LESS RECEIVER.. 18.95

POWER SUPPLY ONLY, 115 VOLT 60 CYCLE OPERATION OUTPUT 24 VOLTS DC 1.5 AMPS. MOUNTED ON METAL CHASSIS 6x5x7; WT: 5 LBS. KIT...\$7.00 WIRED \$9.95



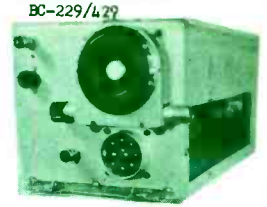
R-4/ARR-2 RECEIVER 234-258 MC. 11 TUBE AIRCRAFT UNIT FOR RECEPTION OF DOUBLE AMPLITUDE MODULATED CARRIER OPERATES FROM 24 VDC & 250 VDC 60 MA. COMPLETE WITH TUBES 3/6AK5, 7/9001 & 1/12 A6. SIZE: 5x5x11; WT: 6 LBS PRICE: NEW \$4.95



COMMAND SET RACKS AND FLEXIBLE SHAFTS

FT-234 FOR ONE TRANSMITTER \$1.50
FT-226 FOR TWO TRANSMITTERS 2.50
MT-63/ARC-5 FOR TWO RECEIVERS 2.50
FT-220 " THREE " 2.95
FT-225 FOR ONE MODULATOR 1.50
BC-451 TRANSMITTER CONTROL BOX 1.50
MC-215 FLEXIBLE TUNING SHAFTS 1.50
6FT OR LESS- LONGER .25 PER FOOT EXTRA.

TRANSMITTERS - RECEIVERS



BC-230/430 TRANSMITTER

Transmitter approx. 10 watts Voice and 20 watts CW in the frequency range of 2500 to 7700 KC by use of plug in coils. Uses tubes 2/10Y, 2/45. Output meter 2" 0 to 1.5 RF. MO control on front panel. Voltage required approx 300 VDC for plates & 12VDC for BC-230 & 24 VDC for BC-430. Size 13"x8"x7". WT. 10 1/2 lbs.

Price with tubes, plug in coils & schematic, Unused \$8.95

BC-229/429 RECEIVER

Receiver TRF, uses plug in coils to cover the frequency range of 201 to 398 & 2500 to 7700 KC. Six tubes 1/37, 1/38, 4/39. Voltage required 220 VDC to 275 VDC 80 MA, & 12 VDC for BC-229 & 24VDC for BC-429. Size 16 x 8 x 7. WT 12 lbs. Price with tubes, plug in coils & schematic, used \$8.95

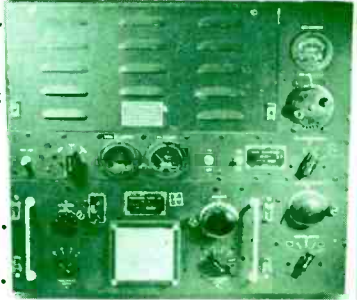
ED-83 Dynamotor 12 VDC to operate Rec & Trans. Unused \$6.95

ADDITIONAL EQUIPMENT

Control Box BC-231 F/ receiver or BC-232 F/ trans. each \$1.00
Connector plugs for rec, trans, dynamotor or boxes, " \$1.00
Schematic showing rec, trans, boxes etc. \$1.00
Tuning knob for Receiver local control \$1.00
Remote tuning head for receiver \$2.00
Remote tuning shaft for receiver, specify length \$1.50
Separate coils for receiver, specify frequency coverage \$1.75
Dual coil 201-398 & 2500-4700 or 4700-7700 each.
Separate coils for transmitter, specify frequency coverage. \$1.75
2500-3200, 3200-4000, 4000-5000, 5000-6200, 6200-7700.
Mountings for Rec., Trans, Dyn., Each mounting \$1.50

BC-375 TRANSMITTER BC-191

TRANSMITTER AM 100 Watt CW - MCW - Voice, Frequency coverage 200 - 500 KC & 1500 - 12,500 KC. by use of plug in tuning units listed below.
Tube line up 1/10Y & 4/VT-4C (211). Complete with tubes, less tuning units. Requires 12VDC for BC-191 & 24 VDC for BC-375 filaments & relay. 1000 VDC 350 MA. plates. Meters 2" for reading. 0-8 RF, 0-500 MA, & 0-15 DC. With schematics.



BC-191/12 volt Used 24.95 New \$34.95 BC-375/24 volt Used \$29.95

TUNING UNITS for BC-191 & BC-375

	Used	New	
TU-5 1.5 to 3 MC	\$2.95	\$3.95	
TU-6 3 to 4.5 MC	not available		
TU-7 4.5 to 6.2 MC	2.95	3.95	
TU-8 6.2 to 7.7 MC	2.95	3.95	
TU-9 7.7 to 10 MC	not available		
TU-10 10 to 12.5 MC	2.95	3.95	
TU-26 200 to 500 KC	3.95	4.95	
BC-306 Antenna Tuner	3.95	4.95	
DYNAMOTORS: ED-77/12V f/BC-191 Used \$9.95; PE-73/24V NEW \$12.95			
PLUGS for transmitter or dynamotor; each plug \$1.00			

Cables with PL-61, PL-64 or PL-59 ea end. Each cable \$2.75

RA-34 POWER SUPPLY for BC-191 115/230 volt 60 cycle input output supplies all the voltages for operation. Used \$89.50



AMPLIFIER

AM-142/AIC MIXER AMPLIFIER USED IN LARGE AIRCRAFT INTER-COMMUNICATION SYSTEMS AS A AUDIO LINE MIXER AND BOOSTER. INPUT IMPEDANCE 500 OHM, OUTPUT 600 OHM. OPERATES FROM 24 VOLTS DC AND IS COMPLETE WITH ONE 26A7 TUBE AND SCHEMATIC. SIZE: 5x5x2; WT: 2 1/2 LBS. USED \$1.95

R-443/ARN-50 GLIDE PATH RECEIVER

USED IN AIRCRAFT TO RECEIVE A MODULATED SIGNAL 90 & 150 CYC ON 332.6, 333.8 MC. OPERATES FROM 24 VDC. COMPLETE WITH TUBES 7/6AJ5, 2/12SN7 & 1/28D7 SIZE: 5x6x11; WT: 12 LBS. PRICE: USED \$8.95 (NO CRYSTALS)



SCR-522 RADIO SET

100-156 MC

RECEIVER-TRANSMITTER AM, FOUR CHANNEL, CRYSTAL CONTROL, 30 WATT OUTPUT, 18 TUBES AS FOLLOWS; TRANSMITTER, 1/6SS7, 2/832, 3/12A6, 1/6G6, RECEIVER; 1/9002, 1/9003, 3/12A6, 1/12C6, 2/12AH7, 1/12H6 & 3/12SG7. BOTH UNITS CAN BE REMOVED FROM CASE SEPARATELY. OVERALL SIZE: 16 1/2" x 12 1/2" x 10 3/4" WT: 49 LBS. PRICE: USED \$29.95



RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE: USED WITH TUBES \$14.95 NO TUBES

RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED, WITH TUBES \$14.95 NO TUBES \$7.95

TRANSMITTER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED WITH TUBES \$18.95 NO TUBES \$7.95

BC-602 CHANNEL SELECTOR CONTROL BOX WITH PUSH BUTTONS. BC-602B USED \$1.95 BC-602D NEW \$2.95

NOTE: FOR THE MICROPHONE & PHONE CIRCUITS JACKS CAN BE INSTALLED IN THE BC-602

JB-29 JUNCTION BOX NEW \$2.95
AN-104 ANTENNA, METAL COVERED WOOD NEW 1.95
PE-98 DYNAMOTOR 12 VOLT USED 9.95
PE-94 " 24 " NEW 4.95

PLUGS REQUIRED FOR THE EQUIPMENT

SCR-522 RECEIVER-TRANSMITTER REQUIRES THE FOLLOWING PLUGS, PL-173 TO ANTENNA, PL-169 TO DYNAMOTOR, PL-170 TO JB-29 JUNCTION BOX. \$1.50 EACH

BC-602 CONTROL BOX, REQUIRES FOLLOWING PLUGS, PL-169 TO JUNCTION BOX. \$1.50 EA.

PE-98 OR PE-94 DYNAMOTOR REQUIRES FOLLOWING PLUGS, PL-172 TO BATTERY, PL-171 TO RECEIVER-TRANSMITTER. \$1.50 EA.

JB-29 JUNCTION BOX, REQUIRES THE FOLLOWING PLUGS, PL-170 TO RECEIVER-TRANSMITTER PL-169 TO BC-602 CONTROL BOX. \$1.50 EA.

RA-62 AC POWER SUPPLY FOR SCR-522, OPERATES FROM 115/230 VOLTS 60 CYCLE, SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION. SIZE: 16 1/2" x 11 1/2" x 11 1/2"; WT: 75 LBS. PRICE USED \$59.50 REQUIRES PL-171 PLUG FOR HOOK-UP TO REC-TRANS. PRICE \$1.50. AC LINE CORD DETACHABLE TYPE \$1.00

BC-733 RECEIVER 108.3-110.3 MC AM

AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-POINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY. OPERATES ON SIX CRYSTAL CONTROL PRESET FREQ. COMPLETE WITH TEN TUBES: 1/12AH7, 2/12SG7, 3/717, 2/12SR7, 1/12SQ7 & 1/12A6. VOLTAGE REQUIRED; 24 VDC & 220 VDC 80 MA. WITH SCHEMATIC. SIZE: 13 1/2" x 5 1/2" x 7" WT: 17 LBS. PRICE: USED \$5.95

1-101 CROSS POINT INDICATOR W/BROKEN GLASS \$1.50 ; PL-257 PLUG FOR 1-101 \$1.50

BC-732 CONTROL BOX USED \$1.95 NEW \$2.95 CABLE WITH PL-254 TO FIT BC-733 REC. AND PL-256 PLUG TO FIT BC-732 CONTROL BOX 3 FT. PRICE: \$4.95 PLUGS ONLY 1.50

DM-53 DYNAMOTOR 24 VOLT USED \$2.95 DM-53AZ " 12 " NEW \$4.95 AS-27 RAMS HORN ANTENNA " 4.95 PL-284 TWIN COAX PLUG F/BC-733-AS-27 1.00

BC-732 CONTROL BOX USED \$1.95 NEW \$2.95 CABLE WITH PL-254 TO FIT BC-733 REC. AND PL-256 PLUG TO FIT BC-732 CONTROL BOX 3 FT. PRICE: \$4.95 PLUGS ONLY 1.50

DM-53 DYNAMOTOR 24 VOLT USED \$2.95 DM-53AZ " 12 " NEW \$4.95 AS-27 RAMS HORN ANTENNA " 4.95 PL-284 TWIN COAX PLUG F/BC-733-AS-27 1.00

DM-53 DYNAMOTOR 24 VOLT USED \$2.95 DM-53AZ " 12 " NEW \$4.95 AS-27 RAMS HORN ANTENNA " 4.95 PL-284 TWIN COAX PLUG F/BC-733-AS-27 1.00

DM-53 DYNAMOTOR 24 VOLT USED \$2.95 DM-53AZ " 12 " NEW \$4.95 AS-27 RAMS HORN ANTENNA " 4.95 PL-284 TWIN COAX PLUG F/BC-733-AS-27 1.00

R-65/APN 9 RECEIVER INDICATOR

LORAN SYSTEM AS USED ON BOATS AND IN AIRCRAFT. PROVIDES ACCURATE MEANS OF DETERMINING POSITION FROM FIXED TRANSMITTING STATIONS WHEN DESIRED AND OTHER MEANS ARE INEFFECTIVE. CONSISTS OF A RECEIVER, OPERATING IN THE MARINE BAND, AND INDICATOR USING A 3" CATHODE RAY TUBE FOR PRESENTATION OF THE RECEIVED SIGNALS. OPERATES FROM 24 VDC & 115 VOLTS 400 TO 800 CYCLES. SIZE: 9 1/2" x 12 1/2" x 3 3/4" WT: 36 LBS. PRICE; USED, LESS TUBES & LENS..... \$29.95 " WITH " \$69.50



ARC-3 100-156 MC

R-77/ARC-3 VHF AIRCRAFT TYPE AM RECEIVER, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 9001, 9002, 12A6, 12H6, WITH TUBES 9001, 9002, 12A6, 12H6, 12SH7, 12SL7, 2/12SM7, 3/12SG7 & 6/6AK5. VOLTAGE REQUIRED 24 VDC & 210 VDC 125 MA. SIZE: 11 1/2" x 15 1/2". WT: 21 LBS. SCHEMATIC PRICE: USED WITH TUBES CONNECTOR FRONT OF SET \$2.50 **\$14.95**

T-67/ARC-3 VHF AIRCRAFT TYPE TRANSMITTER AM, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 2/832, 2/6L6, 1/6J5, 3/6V6 & 1/12SH7. VOLTAGE REQUIRED 24 VDC & 410 VDC 325 MA. SIZE: 15 1/2" x 7 1/2" x 12 1/2". WT: 21 LBS. PRICE: USED WITH TUBES..... **\$16.95** CONNECTOR FRONT OF SET \$2.50



JB-68 JUNCTION BOX FOR ARC-3 RADIO SET USED TO MOUNT DYNAMOTORS DY-22 FOR REC & DY-21 FOR TRANS. ALSO HAS CONNECTOR PLUGS TO HOOK UP REC TRANS, CONTROL BOX & POWER, & RELAYS. SIZE: 10 1/2" x 3 1/2" x 6". WT: 7 LBS. PRICE USED..... \$7.95

CONNECTOR PLUG FOR EACH FACILITY \$2.50 EACH
C-118/ARC-3 CONTROL BOX FOR RECEIVER AND TRANSMITTER. HAS EIGHT PUSH BUTTONS FOR CHANNEL SELECTION AND ONE FOR OFF. SIZE: 6 x 3 x 7. PRICE: \$4.95 CONNECTOR PLUG U-16/U 2.50

IE-36 TEST SET FOR SCR-522 REPRODUCES THE OPERATING FUNCTIONS OF THE CONTROL BOX & JACK BOXES OF THE RADIO BY PROVIDING HEADPHONE & MICROPHONE, CHANNEL SELECTION PLUS ALL OTHER CONTROLS NECESSARY TO OPERATION AND TESTING. CONTROL UNIT BC-1303 PLUGS DIRECTLY INTO THE SCR-522 ALSO HAS PHANTOM ANTENNA & CORD, LAMP EXTRACTOR, ADAPTER PHONE CORD, INSTRUCTION BOOK AND CARRYING CASE, 10x10x4; WT: 8 LBS. PRICE: NEW \$9.95

SCR-522 CABLES WITH PLUG ON ONE END AND LUG TERMINALS ON THE OTHER. EACH CABLE \$2.95
CX-58/VRC-1 PLQ-170 PLUG & LUGS, 36" LONG.
CX-60/VRC-1 PL-169 " " " 36" "
CX-62/VRC-1 PL-172 " " " 66" "

TRANSCIEVER

BC-745 AM TRANSMITTER-RECEIVER COVERING THE FREQ. RANGE OF 2-6 MC PHONE, WITH A RANGE OF FIVE MILES UNDER FAVORABLE CONDITIONS. CRYSTAL CONTROL ON TWO PRESELECTED FREQ. BY USE OF PLUG IN COIL & CRYSTAL ASSY. BC-746. THE SET SIZE IS 6x6x5 AND IS MOUNTED ON A 32" STAFF AND HOUSES THE TELESCOPING ANTENNA WHEN NOT IN USE. COMPLETE WITH TUBES, 1/1S5, 3/1T4 & 5/3S4 & ONE PLUG IN FREQ. ASSY. VOLTAGE REQUIRED 1.5 VDC/50 MA, 67.5 VDC/20 MA & 105-125 VDC/50 MA. WT: 10 LB PRICE: USED, \$14.95 UNUSED \$19.95



BC-746 PLUG IN COILS & CRYSTAL ASSEMBLIES CHANNEL #1 3010 Kc CHANNEL #2 5030 Kc CHANNEL #3 5500 Kc CHANNEL #4 5305 Kc ONE OF THE ABOVE SUPPLIED WITH PURCHASE OF SET, ADDITIONAL UNITS \$1.95 EA.

T-39 CHEST UNIT THAT WAS USED TO CARRY DRY CELL BATTERIES, ALSO HAS MICROPHONE, PHONE JACK AND NECESSARY CABLE FOR CONNECTING TO RADIO SET. PRICE: USED, \$3.95 UNUSED \$5.95

PE-157 VIBRATOR POWER SUPPLY; OPERATES FROM 2 VOLT WET BATTERY BB-54 WHICH IS INSTALLED INSIDE THE CASE THAT SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION OF THE RADIO SET ALSO HAS 4" PM SPEAKER, CARRYING HANDLE AND CABLE FOR CONNECTING TO SET. SIZE: 11 1/2" x 5 1/2" x 8 1/2" WT 17 PRICE: USED NO SPEAKER \$10.95 WITH SPK \$12.95 NEW " " 12.95 " " 14.95

PRICE: USED NO SPEAKER \$10.95 WITH SPK \$12.95 NEW " " 12.95 " " 14.95

MN-40 INDICATOR 0-360 DEGREE SCALE 5" WITH VAR. ADJUSTMENT. SAME AS I-82 INDICATOR ONLY OPERATES MECHANICALLY INSTEAD ELECT BY USE OF SPLINED CONNECTORS AS USED ON MC-124 SHAFT. **\$3.95**

COMPASS RECEIVER CONTROL BOXES
MN-26C \$3.95
MN-26LB 3.95
CABLE, PLUGS & JUNC. BOX 8.95
MC-124 FLEX. SHAFT 20" 1.50
CONNECTOR (EACH) PLUGS ONLY 2.50



COMPASS RECEIVER

AN/ARN-7 RADIO COMPASS RECEIVER 100 TO 1750 KC USED FOR AIRCRAFT DIRECTION FINDING BUT CAN ALSO BE USED ON BOATS. THE RECEIVER IS A SUPERHETERODYNE WITH ADDITIONAL CIRCUITS FOR OPERATION OF THE AURAL RECEPTION AS SHOWN ON THE INDICATORS. COVERS THE FREQUENCY RANGE OF 100 TO 1750 KC IN FOUR BANDS CONTINUOUS TUNING FROM CONTROL BOX WHICH IS A SEPARATE UNIT. UNIT OPERATES FROM 115 VOLT 400 CYC & 24 VDC AND IS COMPLETE WITH TUBES 4/6K7, 1/6L7, 1/6J5, 2/6E8, 2/6F6, 1/6N7, 1/524, 1/6SC7 & 2/2051. SIZE: 12x8x19; WT 45 LBS. R-5/ARN-7 RECEIVER ONLY, USED \$18.95

ITEMS LISTED BELOW ARE REQUIRED FOR ADF OPER.

C-4/ARN-7 CONTROL BOX USED \$3.95 NEW \$5.95
I-81A INDICATOR 3" " 2.95
I-82A " 5" " 3.95
LP-21 AM LOOP ANTENNA " 9.95
FT-224 MOUNTING F/C-4CB " 1.50
MG-149F INVERTER " 14.95
MC-203 SHAFT COUPLING "T" " 1.00
MC-136 SHAFT " RT/ANGLE 2.50
BK-22 RELAY JUNCTION BOX " 2.95
MC-124 FLEXIBLE SHAFT 2 FT. 1.50
CD-365 CABLE FOR LOOP 5 FT. 2.75
PL-122 CONNECTOR PLUG FOR RECEIVER 2.50
PL-112 " " " LOOP 2.50
PL-118 " " " I-81 OR I-82 2.50

BC 433G COMPASS RECEIVER ADF SAME AS R-5/ARN-7 RECEIVER SHOWN AND DESCRIBED ABOVE ONLY COVERS THE FREQUENCY RANGE OF 200 TO 1700 KC AND USES ALL THE SAME ACCESSORIES WITH THE EXCEPTION OF THE CONTROL BOX WHICH IS BC-434A PRICED AT \$3.95 USED. BC-433 RECEIVER ONLY, WITH TUBES USED \$12.95

MN-20C MANUAL ROTATABLE LOOP ANTENNA USED WITH RA-100B & MN-26 RECEIVERS AS A DIRECTION FINDING ANTENNA IN THE 150 TO 1500 KC RANGE. 7 LBS MC-124 FLEXIBLE SHAFT FOR USE WITH LOOP 10 FT. \$1.95 AC-58267-2 CABLE 5 WIRE SHIELDED FOR ANTENNA CONNECTIONS, 8 FT. PLUG ONE END ONLY. \$1.95 MN-52 AZIMUTH CONTROL FOR MANUAL TURNING OF LOOP WITH CRANK AND BY USE OF FLEXIBLE SHAFT, HAS 0-360 DIAL, GRAIN OF WHEAT LAMP SWITCH & CRANK. USED \$1.95 NEW \$2.95



MN-26 C RADIO RECEIVER FOR AIRCRAFT OR MARINE USE CAN ALSO BE USED FOR HOME USE FOR WEATHER REPORTS. FREQUENCY COVERAGE 150 TO 1500 KC IN TWO BANDS. ELEC.

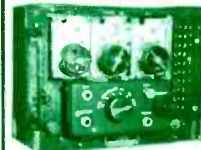
BAND CHANGE, CONTINUOUS TUNING FROM MN-28C REMOTE CONTROL BOX. COMPLETE WITH 24 VOLT DC DYNAMOTOR, TUBES, 5/6K7, 2/6N7, 1/6B8, 1/6F6, 1/6L7, 2/6J5 AND MN-28C CONTROL BOX ALL USED REC. SIZE: 12x6x16 1/2; WT: 37 1/2; CONT. 6x5 1/2 x 2 1/2. 3 LBS PRICES: MN-26C RECEIVER ONLY \$12.95 MN-26C REC. WITH MN-26C CONTROL, FLEX. SHAFT, CABLE, PLUGS & JUNC. BOX 24.95

MN-26LB RADIO RECEIVER FREQUENCY COVERAGE 200-410, 550-1200 KC AND 2.9 TO 6.0 MC IN THREE BANDS. SAME AS MN-26C ABOVE EXCEPT FOR FREQ. COVERAGE AND TUBE LINE UP, 5/6K7, 2/6N7, 1/6L7, 2/6B8 & 1/6F6. COMPLETE WITH 24 VOLT DYNAMOTOR & TUBES. USED CONDITION PRICES: MN-26LB RECEIVER ONLY \$12.95 MN-26LB REC. WITH MN-26LB CONT. FLEX. SHAFT, CABLE, PLUGS & JUNCTION BOX. 24.95

PRICE: MN-26C RECEIVER ONLY \$12.95 MN-26C REC. WITH MN-26C CONTROL, FLEX. SHAFT, CABLE, PLUGS & JUNC. BOX 24.95

ARC-1 RECEIVER TRANSMITTER AM

AIRCRAFT RECEIVER-TRANSMITTER AM 100 TO 156 MC CRYSTAL CONTROLLED ON TEN PRESELECTED CHANNELS, 30 WATT CW & PHONE. WITH TUBES 18/6AK5, 2/6CA, 2/6V6, 2/6J6, 2/12A6, 2/832 & 1/12SL7. VOLTAGE REQUIRED 24 VDC & 360 VDC 135 MA. SIZE: 21 1/2" x 10 1/2" x 7 1/2"; WT: 40 PRICE: USED, 10 CHANNEL \$49.50 " " 20 " 59.50



Headsets — Telephone Equipment — Microphones — Handsets



HS-33 HEADSET
600 OHM IMPEDANCE
LEATHER HEADBAND
18" CORD W/PL-54
W/RUBBER CUSHIONS
USED \$3.95
NEW 6.95
W/CHAMOIS CUSHIONS
USED \$4.95
NEW 7.95
AS ILLUSTRATED.



H-16/U HEADSET
8000 OHM IMPEDANCE
PLASTIC HEADBAND
& EAR-CUPS WITH
RUBBER EAR INSERTS
SIMILAR TO HS-30,
11" CORD WITH PL-
54 SHORT PHONE
PLUG.
NEW \$3.50
(SEE CD-307 EXT.)



**H-63/U HEADSET &
BOOM MICROPHONE**
600 OHM IMPEDANCE
HEADSET & 100 OHM
MICROPHONE, CARBON
TYPE, MOUNTED ON A
ADJUSTABLE BOOM.
TWO 14" CORDS TER-
MINATE IN 2 & 3
PIN JACKS, USED
CHECKED \$3.95



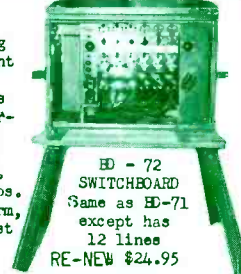
EE-8 FIELD TELEPHONE
EE-8 FIELD TELEPHONE: Can be used for private telephone system in home, factory, farm, garage etc. Operates from two flashlight batteries up to 17 miles. Uses two conductor wire for two or more phones. Magneto ringer for calling. With carrying case & straps. Used checked \$12.95 Two for \$25.00 New units used cases \$16.95 2 for \$33.00

H-22/U HANDSET with retractable Y cord, PL-68 Mic. & PL-55 Phone Plugs. Butterfly switch. New \$4.95
TS-13 Handset with Y cord PL-68 Mic. & PL-55 Phone plugs. Used \$2.95 Unused \$4.95 W/butterfly switch
TS-9 Handset No Plugs with butterfly switch & lugs. Used \$2.95 New \$3.95. Handset Hanger rubber covered as illustrated. \$1.50 each 3/\$4.00



BD-71 Switchboard

Portable 6 line hand ringing magneto type using flashlight batteries for operation. Repeating coils on two lines to permit simplexing, TG circuits. Can be used with any magneto type telephone such as EE-8, RM-29, EE-91 HD-89. Case size 18x12x14 WT. 60 lbs. Ideal for factory, camp, farm, Complete with Headset & Chest Microphone. Used \$14.95 NEW \$24.95



BD-72 SWITCHBOARD
Same as BD-71 except has 12 lines
RE-NEW \$24.95



T-26 MICROPHONE
F-1 Carbon w/ switch, chest straps & 8 FT. cable.
Used \$1.00 New \$1.75



T-17 MICROPHONE
Carbon hand type with push switch.
Used \$3.95
New 6.95



HS-30 HEADSET
250 OHM IMPEDANCE
HEARING AID TYPE
EAR PGS. FIT IN-
SIDE EAR, LIGHT-
WEIGHT HEADBAND,
CORD 9" LG. WITH
SPADE LUGS.
(SEE CD-604 CORD)
NEW \$1.00
USED .75



**H-55/U HEADSET &
BOOM MICROPHONE**
SINGLE ELEMENT
EARPHONE 300 OHM
& ADJUSTABLE
BOOM MIC. 40
OHM; MODIFIED TO A
3" PHONE CORD W/PL-55
PLUG & 4' DETACHABLE
MIC CORD W/PL-68 PLUG
& MOMENTARY SWITCH.
PRICE: USED \$7.95



BD-89 SWITCHBOARD

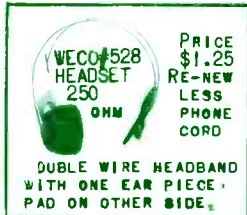
Manually operated, combined magneto & battery, non-multiple, 20 magneto lines, 40 CB lines, 4 two way manual pr dial drop end trunk CKT. 5 conference jacks, 3 outgoing line ckt., 2 thru line & 13 universal cord ckt. one position, two panels. size 52"x22"x31"
Price New \$150.00 Record. \$100



CARBON MICROPHONE
CM-1-SC
Mobile type 85 Ohms DC
Response: 200-4000C. P.S.
Bypasses for R.F.
DPST push to talk switch
normally open.
4 ft. cord no plug \$6.95
with PL-68 plug 9.95



T-45 LIP MIC



WECO-528 HEADSET
250 OHM
DOUBLE WIRE HEADBAND WITH ONE EAR PIECE. PAD ON OTHER SIDE.
PRICE \$1.25
RE-NEW LESS PHONE CORD



T-30 THROAT MIC.

Elements only \$1.00 a dozen

T-45 MICROPHONE
CARBON TYPE 1000HM
50DB BELOW 1 MILL-
VOLT, FLAT RESPON-
S WITH PL-291 2 CONT
MALE PLUG, 11" CORD
PRICE: UNUSED \$1.00
USED \$.65



CD-307 CORD EXTENSION FOR CORDS WITH PL-54 PLUG AS USED ON HEADSETS, 65" LG WITH JK-26 JACK & PL-55 PLUG.
NEW 89¢ USED 69¢

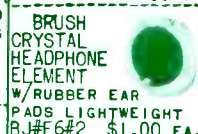
T-30 MICROPHONE
CARBON TYPE .75 OHM
50DB BELOW 1 MILL-
VOLT, FLAT RESPON-
S WITH PL-291 2 CONT
MALE PLUG, 11" CORD
PRICE: USED 3/\$1.00
UNUSED \$.75



CD-318 EXTENSION CORD WITH PL-291 2 CONTACT FEMALE PLUG TO FIT T-45 & T-30 MICS. SW-141 SWITCH & PL-68 MIC PLUG ON 7 FT. CORD NEW 89¢ USED 50¢



CD-604 CORD WITH IMPEDANCE MATCHING TRANSFORMER 500OHM TO 4000, USED WITH HS-30 HEADSET, 6" CORD & PL-54 PLUG.
NEW 50¢ USED 25¢



BRUSH CRYSTAL HEADPHONE ELEMENT
W/RUBBER EAR PADS LIGHTWEIGHT BJ#F6#2 \$1.00 EA.

JK-33 JACK TO FIT PL-68 MIC. PLUG. USED 6 FOR 50¢



CD-605 CORD SAME AS CD-604 ONLY 30" LG. WITH PL-55 PLUG
NEW 75¢ USED 50¢



SOUND POWERED MICROPHONE IN PLASTIC CASE, PUSH TO TALK BUTTON, NO CORD #5016 USED \$1.50



COILED CORD SETS

THREE CONDUCTOR
24" TO 72" 75¢
12" TO 36" 50¢
FOUR CONDUCTOR
12" TO 36" \$1.00
SEVEN CONDUCTOR
12" TO 36" \$1.50

MC-385 HIGH TO LOW ADAPTER

IMPEDANCE FOR HEADSET 4000-6000HM USED \$.50 NEW \$.75



HEADSET EARPHONE CUSHIONS SPONGE RUBBER FOR 24" ELEMENTS. #48514 \$1.00 PAIR



RM-52 MACY'S PHONE PATCH UNIT

CONTROL UNIT RM-53 — Used to operate radio equipment and provide remote control and intercom. of such equipment by use of the RM-52 Unit listed below. Up to 1/2 mile. Used 2 flashlight batt. Internal transformer has High-Low impedance Sw. and Sidetone. Also Mic. & Phone Jack & PL-55 & PL-68 Plugs. Used: \$ 2.95 — New: \$ 4.95

REMOTE CONTROL RM-52 — Can be used with RM-53 or used as a separate telephone system. Uses 4 flashlight batt. Also can be used as a direct remote control for radio equipment. Provides bias for Mic. & Sidetone to headset. High or Low imp., Mic. & Phone Jacks. Can be used also as a Phone Patch Unit. Used: \$ 1.95 New: \$ 2.95

TS-13 HANDSET FOR RM-53 OR RM-52..... Used: \$ 3.95



RM-42 CONTROL UNIT USED TO OPERATE A RECEIVER & TRANSMITTER FROM A REMOTE POSITION WITH 2 CHANNEL SELECTION ALSO USED AS INTER-COM OR CONNECTED TO BE USED AS TELEPHONE SYSTEM. HAS MAGNETO HAND CRANK GENERATOR FOR RINGING & HANDSET WITH PL-204 ALSO 2 TELEPHONE TYPE SWITCHES, 4 PILOT LIGHTS, VC, ON-OFF SW ETC. REQUIRES WIRES BETWEEN EACH UNIT FOR USE AS TELEPHONE AND BATTERIES. IN METAL CABINET WITH SLOPPING FRONT, SIZE 7 1/2x8x9 WT: 14 LBS. PRICE: \$9.95



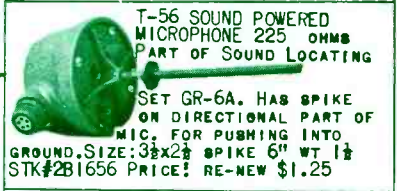
STANDARD TYPE TELEPHONE HANDSET & BELL RINGERS CAN BE USED AND ANY COMMON CIAL TELEPHONE LINE OR OR SYSTEMS ON THIS PAGE. PRICE: \$6.95 EX-CONDITION

\$1.50



DIAL ONLY \$1.25 EXCEL COND. \$1.50

STANDARD TELEPHONE HANDSET & CORD PRICE: \$4.95 EX-CONDITION

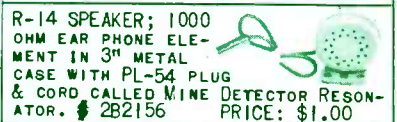


SET GR-6A. HAS SPIKE ON DIRECTIONAL PART OF MIC. FOR PUSHING INTO GROUND. SIZE: 3 1/2x2 1/2 SPIKE 6" WT 1 1/2 STK#2B1656 PRICE: RE-NEW \$1.25

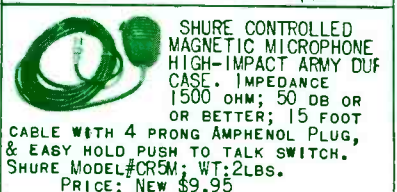
TELEPHONE WIRE
Two conductor for outdoor use # W-110B
.01 1/2 per FT. 2500FT. \$19.95
WT-1A 3 conductor outdoor 135 ft length only \$1.00
W-130B Plastic or rubber covered combat wire.
.01 1/2 per FT. 2500FT. \$19.95



T-24/M CARBON MICROPHONE WITH PUSH TO TALK BUTTON AND MODIFIED WITH 4 FT. COILED CORD & PL-68 PLUG. WT: 1/2 LB. PRICE: NEW \$4.95



R-14 SPEAKER; 1000 OHM EAR PHONE ELEMENT IN 3" METAL CASE WITH PL-54 PLUG & CORD CALLED MINE DETECTOR RESONATOR. # 2B2156 PRICE: \$1.00



SHURE CONTROLLED MAGNETIC MICROPHONE HIGH-IMPACT ARMY DUF CASE. IMPEDANCE 1500 OHM; 50 DB OR OR BETTER; 15 FOOT CABLE WITH 4 PRONG AMPHENOL PLUG, & EASY HOLD PUSH TO TALK SWITCH. SHURE MODEL#CRSM. WT: 2LBS. PRICE: NEW \$9.95



SOUND POWERED PHONES & CALL-SYSTEM NEWLY MANUFACTURED HANDSET USING WE ELEMENTS D173012 & COILED CORD. NO BATTERIES REQ. WE-SPEC/TS-10 \$12.25

TRANSI-CALL SYSTEM BUZZER BOX WITH PUSH BUTTON THAT USES STANDARD TYPE DRY CELL BATTERIES FOR OPERATION OF THE BUZZER SO WHEN TWO OR MORE SOUND POWERED HANDSETS EACH STATION CAN BE CALLED. TRANSI-CALL BOX; LESS BATT. \$7.50 RUBBER COVERED HANDSET HOLDER \$1.50 WIRE: 2 CONDUCTOR RUBBER COVERED PRICE: \$.03 PER FOOT SEE ABOVE FOR TELEPHONE WIRE

Control Boxes

Filters

Indicators

Tuning Units

Amplifiers



MOBILE CONTROL BOX

CONTROL BOX FOR MOBILE EQUIPMENT with 20-0-20 DC amp meter 2", on and off switch, mic & phone jack, pilot light, 10 foot of battery cable, 6 foot of control cable terminating into a amphenol male octal connector. Control box size 4 1/2" x 5" x 3" (Shown on left) NEW \$5.95

CABLE & MOUNTING PLATE ONLY with on-off switch pilot light, mic jack & 6 foot of 8 conductor cable. (Shown on right) New \$2.50



REMOTE CONTROL UNIT FOR BC-669

RM-21 CONTROL BOX with handset hanger, volume control, 3 momentary switches, 10 contact connector and plug for handset.

NEW \$ 3.95

CONTROL UNIT C-87/ART-13

TRANSMITTER CONTROL BOX WITH 11 channel switch, off voice CW-MCW switch, indicator light, mic jack & code signal key.

NEW \$2.95

DUAL RADIO SET CONTROL BOX

BC-658 C SWITCH BOX for controlling two Radio sets. Has two sets of cords with PL-68 & PL-55 Plugs 48" long. Water proof, phone & mic jacks and 5PDT Switch.

NEW \$1.95



BC-1366 BC-345

ANTENNA CHANGE OVER RELAY ROTARY TYPE RELAY 14 VOLT WITH 6 CONTACT WAFER SWITCH 2 SO-239 COAX. CONNECTORS 2 BINDING POSTS & PLUG. SIZE: 4x4x2 WT: 1 1/2 LB. STK#RE-1A/ARR-1 \$1.50

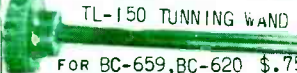
BC-1366 CONTROL BOX CONSISTS OF 5 POSITION ROTARY SWITCH, VOLUME CONTROL & MICROPHONE & PHONE JACKS PRICE: \$.75

BC-345 CONTROL BOX WITH 3 POSITION SWITCH MICROPHONE & PHONE JACKS. PRICE: \$.50



Beam Filter

RANGE BEAM FILTER 1020 CYCL ACCEPTANCE OR REJECTION. FL-5 FILTER USED \$1.25 NAVY TYPE WITH PL-55 \$1.95 " LESS " " 1.50



TL-150 TUNING WAND FOR BC-659, BC-620 \$.75

SIDE BAND Loading Coil C-114 - \$1.50



PHONE PATCH TRANSFORMER C-161 - \$1.50



COUNTER DIAL

VERNIER COUNTER DIAL 10 to 1 ratio outer dial calibrated 0 to 100, inside dial 0 to 10. Size: 3" x 3 1/2" x 3". Price: NEW \$1.95

WOHLATOR MAGNET

A electro-mechanical sweep generator capacitor as used in precision instruments for freq. shifting. Contains two inch Alnico Magnet. Removed from APN-1 Altimeters \$1.00

M-3727 AERIAL TRANSFER UNIT with three push type terminals for connecting antenna to Receiver, transmitter & switching from one to the other manually. Price \$.75



NATIONAL DIAL

Type N Precision 4" Dial with 0-100 scale left to right. Planetary vernier drive & decimal scale. Drive fits 1/2" shaft. National 4" Dial \$2.75

ANTENNA MATCHER

Variable inductance tuner for matching transmitter load to antenna 100 watt capacity, also calibrated vernier lock dial or meter. Size 7 1/2 x 3 1/2. Re-f/equip. INDUCTANCE TUNER ONLY... \$5.95 TUNER, IND. & DIAL " 7.95 TUNER, DIAL, METER, Panel 9.95



C-30/ARC-5 BC-451 BC-136/2 C-30/ARC-5 CONTROL BOX with 7 push button switches marked A, B, C, D, OFF, 1&2. Also tone, CW & voice switch & connectors. Price.... \$2.95

BC-451 CONTROL BOX with switches tone-CW-voice, on-off, 1/2/3/4 also code key, mic & phone jacks. used \$.75 Price New \$2.50

BC-136-2 Control unit with mic & phone jacks, volume control & two binding post. \$.35 each Four for \$1.00

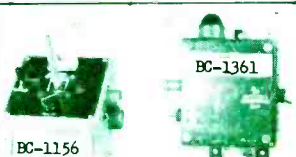


BC-434A RADIO COMPASS CONTROL BOX. THREE BANDS 200-1750 DIAL, 2" TUNING METER, GRAIN OF WHEAT LAMPS, KNOBS CONTROLS ETC. TAKES MC-124 FLEXIBLE SHAFT. SIZE 7x7x2 WT: 3LBS. PRICE USED \$3.95

BC-434F SAME AS ABOVE 2.95 C-4/ARN-7 SAME AS ABOVE ONLY HAS 4 BANDS. USED \$4.95 NEW: \$7.95

FT-224 MOUNTING BACKS FOR ABOVE BOXES, USED \$1.00

COAXIAL ANTENNA CHANGE OVER RELAY WITH 3 SO-239 CONNECTORS. RELAY IS WIRED FOR 24 VDC BUT HAS TAPPED COILS FOR CHANGING TO 12VDC. SIZE: 3x3x2 WT: 1 LB. STK#RE-13/ARA-8 PRICE: \$4.95



BC-1156 AZON CONTROL BOX used for remote control equipment. Has 4 position stick switch controlling micro switches marked up/down/right/left also lever SW. advance/reset & on/off SW & volume control & phone jack. Size 5x5x3 1/2 WT. 3 lbs. \$1.95

BC-1361 SWITCHBOX with 4PST & SPST momentary switches, 1" jewel light & two cable connectors. Size 4x3x2 WT. 2 lbs \$1.00



SA-1/ARN-1 ID-14/APN-1 BC-608

SA-1/ARN-1 Altitude Limit Switch. Switching unit with 15 resistors, 3" scale calibrated 50 to 300 can be used for resistor decade box. \$1.00

ID-14/APN-1 Radio Altitude meter 0-1 MA. movement, 3" scale can be used as tuning meter or output. \$1.50

TIMER & CONTACTOR ASSY. SPRING WOUND CLOCK TIMER 1 RPM WHICH THEN MAKES CONTACT FOR SWITCHING PURPOSES. TWO CONTROL SWITCH SIZE: 3x3x3, 1LB # BC-608 PRICE: \$1.50



C-134/APN CONTROL BOX WITH SPIN KNOB 1-10 DIAL AND CONNECTOR FOR SPLINE SHAFT MC-215 FLEXIBLE SHAFT. SIZE: 2 1/2 x 3x2. WT: 1 LB # C-134/APN PRICE: \$.75

AUTOTUNE HEAD FOR ATC/ART-13 TRANSMITTERS. MULTITURN UNIT WITH DIAL 0-100, KNOB, REVOLUTION COUNTER, LOCKING DEVICE FOR PRESETTING. CONTROL "B". COL#23518 PRICE: \$1.95



MAGNESYN INDICATOR GEAR TRAIN INDICATOR

MAGNESYN INDICATOR 3", 26 VOLTS 400 CYCLE OPERATION; 200-0-200 SCALE ILLUMINATED USED WITH APA-44 EQUIPMENT FOR INDICATION OF WIND IN KNOTS, N-S-E-W. SIZE: 3x3x3, WT 3/4 LB USED BENDIX#20004-64J-A1 \$1.95

GEAR TRAIN INDICATOR ASSY. 10 TO 1 RATIO; INSIDE SCALE 10-0-10, OUTSIDE SCALE 0-10 DIAL KNOB ADJUSTMENT FOR DIAL READING. GEAR TRAIN IE COUPLED TO A 20,000 OHM 1% MICROPT. USED WITH APA-44 EQUIPMENT FOR NAUT. MILES CONTROL. SIZE: 3 1/2 x 3 1/2 x 4 1/2. 1LB. ASSY#D-153223 OR EQUAL. PRICE: USED \$1.95

OSCILLATOR ASSY. Bread board type approx. 205 MC. with acorn socket for 955 tube, variable condenser & coil. Stock # 202453/P1 Price \$.50

BC-461 CONTROL BOX FOR RL-41/42 REEL. CONTAINS 3 DIGIT COUNTER & CONNECTOR FOR SMALL SPLINE FLEX. SHAFT MC-215 PILOT LIGHT, SWITCH SIZE: 5 1/2 x 3 x 2 1/2 1 LB PRICE: \$1.95

3 DIGIT COUNTER SIZE: 1 1/2 x 2 1/2 1/16 x 3/4 #XBEA296C \$.50



TUNER ASSEMBLY for 2 to 6 MC. Part of BC-728 RECEIVER, which consists of four channel push button assy. with RF, AMT, & OSC. coils all slug tuned. Also cond. resistors etc. Size 4 x 4 x 3 1/2 lb Stock#204728/TL. Price \$1.50

DETONATOR IMPACT SWITCH with two micro switches that make contact when the unit is jarred. Used in Planes to detonate bombs when wrecked. Size 5x4x4 1/2. WT. 1 1/2 lbs. Stock # BC-706 Price \$.50

RIGHT & LEFT ANGLE DRIVE SHAFT 3/16" SIDE 1/2 MALE & 1/2 FEMALE. 2 1/2 x 2 1/2 x 1 1/2 \$1.50

VERNIER DIAL 2 1/2" 100 to 0 SCALE. TAKES 1/2" SHAFT. PRICE: \$1.50



MEISSNER SIGNAL SHIFTER PLUG-IN COIL-SET 4670 KC - 5525 KC.

Oscillator Plate, Grid & Doubler Coils. Four, Five & Six prong. Set of three coils. Stock#362500-56 Price \$.75



BC-347 AIRCRAFT INTERPHONE AMPLIFIER

Used in small planes for speaking. Has two ounce transformers Carbon microphone input & standard headset output. Requires 12 Or 24 volt & 250VDC. Uses 6P8G tube. Size 3x2x5 WT 3lbs. With tube \$1.95 Less tube \$1.25

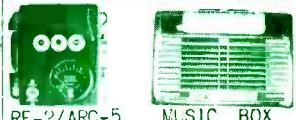
BC-216 MICROPHONE AMPLIFIER Aircraft type amplifier use tubes 1/39/44 & 1/6P7. Two carbon microphone inputs. Voltage required 12 volts & 150VDC 40 Ma. Size 8 1/2 x 6 1/2 x 2. WT. 3 lbs With tubes \$1.95 Less tubes \$1.



EE-89 AMPLIFIER TELEPHONE REPEATER & ELECTRONIC AMPLIFIER USING 1/305 TUBE THAT REQUIRES 1 1/2 VDC & 90 VDC. ALSO HAS PHONE FOR LISTENING, VOLUME CONTROL ETC. WILL MAKE A GOOD PHONE PATCH. SIZE 6 1/2 x 9 x 7 1/2. WT: 10LB. PRICE: USE \$2.95

BC-367/BC-667 AMPLIFIER

Audio Amplifier using 2/6V6GT tubes. Microphone carbon type input, output tapped for high & low impedance. Audio signaling device. Voltage required 12/24 250 VDC 50 Ma. Size 9 x 9 x 5 With tubes less dynamotor. BC-367/12 volt less case \$1.95 BC-667/24 " with case 2.95



RE-2/ARC-5 MUSIC BOX

RE-2/ARC-5 NAVY TYPE ANTENNA SWITCHING & CURRENT INDICATING UNIT. AS USED WITH COMMAND TRANS. & REC. CONTAINS A 24 VDC SWITCHING RELAY, 2" 0-10 ANTENNA CURRENT METER, 50MMF 7.5 KV VACUUM CAPACITOR ETC. SIZE: 4x5x4 WT: 2 LBS PRICE: NEW \$3.95

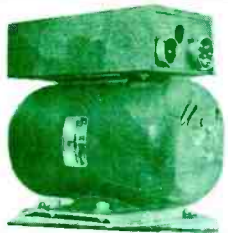
CHROME MUSIC BOX AS USED WITH JUTE BOXES. CONTAINS 5" DYNAMIC SPEAKER, 12 VOL COIN TIMER MOTOR AND ASSY. FOR PENNY OPERATION. CAN BE USED AS AN EXTENSION SPEAKER AND OPERATE RADIO REMOTELY. SIZE: 8x6x5 7LBS PRICE: USED \$1.25

TS-279 DUMMY ANTENNA LOAD

Three inch pyrex feed thru insulator, 1000 ohm 100 watt resistor with two test lead & clips. Cabinet size 13 x 6 x 4". Can be used for a chassis. Stock # TS-279 Price \$1.95

MINIMUM ORDER \$3.00

DYNAMOTORS



Size 6½ x 10 x 11 WT. 38 Lbs.
With fuses and starting relay.

ED-77 DYNAMOTOR

INPUT: 14 VDC 39 AMPS.
OUTPUT: 1000 VDC 350 MA.
Used \$9.95 Unused \$14.95

PE-73 DYNAMOTOR

INPUT: 28 VDC 19 AMPS.
OUTPUT: 1000 VDC 350 MA.
Used \$9.95 Unused \$12.95



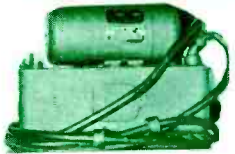
DM-42 DYNAMOTOR
NEW..\$4.95
USED: 2.95

INPUT: 12 VDC 39 AMPS.
OUTPUT: 515 VDC 215 MA.
" 1030 " 260 MA.
SIZE: 7x7x11 WT: 38 LBS.



DV-2528-1
NEW: \$3.95

INPUT: 27.5 VDC 27 AMPS.
OUTPUT: 1000 VDC 500 MA.
SIZE: 8½x4x4 WT: 13½ LBS.



PE-103 DYNAMOTOR

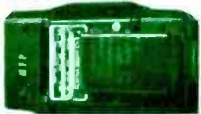
Size x
Size 6 x 12 x 18 WT. 53 lbs.
With filters, starting relays
and battery cable.
INPUT: 6 VDC 21 AMPS.
INPUT: 12 VDC 11 AMPS.
OUTPUT: 500VDC 160 MA.
USED \$ 19.95

CD-501 CORD & PLUGS \$ 2.75



GE 5DP-50VCL DYNAMOTOR

INPUT: 5.6 VDC 35 AMP
OUTPUT: 420 VDC 260 MA.
G E Reconditioned \$ 9.95



CARTER GENERATOR MOTOR
MOTOROLA#259K1003
INPUT: 26.1 VDC 7 AMPS.
OUTPUT: 405 VDC 270 MA.
SIZE: 7x4x5; WT: 12 LBS.
USED \$2.95 NEW \$3.95



Size 3 x 3½ x 4½, Wt. 3 lbs.

DM-32 DYNAMOTOR

INPUT: 28 VDC 1.1 AMPS.
OUTPUT: 250 VDC 60 MA.
Price: Used \$2.95 New \$4.95

TYPE 35 x O32
(Same as DM-32 only 12V)

INPUT: 14 VDC 2.4 AMPS.
OUTPUT: 250 VDC 60 MA.
Price: New \$4.95

DM-53 AZ DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 VDC 80 MA.
Price: NEW \$4.95

DM-53 DYNAMOTOR

INPUT: 28 VDC 1.4 AMPS.
OUTPUT: 220 VDC 80 MA.
Price: Used \$3.95



Size 3 x 3 x 4½, Wt. 3 lbs.

DM-45 DYNAMOTOR

INPUT: 24 VDC 1.1 AMPS.
OUTPUT: 250 VDC 50 MA.
Price: Used \$2.95 New \$4.95

DM-25 DYNAMOTOR

INPUT: 12 VDC 2.2 AMPS.
OUTPUT: 250 VDC 50 MA.
Price: Used \$2.95 New \$4.95



WEST 12B6534 DYNAMOTOR

INPUT: 24 VDC 1.75 AMPS.
OUTPUT: 300 VDC 70 MA.
Price: Used \$2.95 New \$4.95

Size 3 x 3 x 4½, Wt. 3 lbs.
Dynamotors listed below
same size only less base.

DM-6936 DYNAMOTOR

INPUT: 28 VDC 1.1 AMPS.
OUTPUT: 250 VDC 60 MA.
Used \$1.95 Unused \$3.95

DM-310A DYNAMOTOR

INPUT: 12 VDC 2.8 AMPS.
OUTPUT: 150 VDC 100 MA.
Used \$2.95 Unused \$4.95

TYPE 5047 DYNAMOTOR

INPUT: 27 VDC 1.75 AMPS.
OUTPUT: 285 VDC 75 MA.
Used \$3.95 Unused \$5.95

RADIO NOISE FILTER 100
AMPS. 50 VDC
GE#1C202
SIZE 4x4x2
PRICE:\$1.00



Size 3 x 4½ x 6½, Wt. 5 lbs.

DM-34 DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 VDC 80 MA.
Used \$2.95 Unused \$4.95

DM-36 DYNAMOTOR

INPUT: 28 VDC 1.4 AMPS.
OUTPUT: 220 VDC 80 MA.
Used \$2.95 Unused \$4.95



Size 3½ x 5 x 5½, Wt. 3½ lbs.

PE-86 DYNAMOTOR

INPUT: 28 VDC 1.25 AMPS.
OUTPUT: 250 VDC 60 MA.
PRICE: Used \$2.95 New \$4.95



Size 3½ x 5 x 6½, Wt. 5½ lbs.

DM-28 DYNAMOTOR

INPUT: 27.9 VDC 1.25 AMP
OUTPUT: 220 VDC 220 MA
PRICE: USED \$3.95

DM-65 DYNAMOTOR

INPUT: 12.5 VDC 28 AMP
OUTPUT: 440 " 400 MA
SIZE: 8x4½x4½ WT: 13½ LB
USED \$8.95 NEW 12.95



DM-21 DYNAMOTOR

INPUT: 14 VDC 3.3 AMP.
OUTPUT: 235 VDC 90 MA.
SIZE: 6x5x3; WT: 8½ LBS.
PRICE: USED \$4.95 NEW \$6.95



Size 4 x 4½ x 7 Wt. 9½ lbs.

D-401 DYNAMOTOR

INPUT: 12 VDC 9.9 AMPS.
OUTPUT: 400 VDC 180 MA.
Price: Used \$5.95 New \$8.95



DY-21 DYNAMOTOR

INPUT: 27 VDC 7 A
OUTPUT: 410 " 325 MA.
SIZE: 7½x3x3½ WT: 8½ LB
PRICE: USED \$7.95



Size 4½ x 5½ x 6½, Wt. 10½ lbs.

ED-83 DYNAMOTOR

INPUT: 14 VDC 6.5 AMPS.
OUTPUT: 375 VDC 150 MA.
Used \$4.95 Unused \$6.95

CW21441 DYNAMOTOR

INPUT: 28 VDC 2.9 AMP
OUTPUT: 330 " 135 MA
NEW \$3.95

DM-416 DYNAMOTOR

INPUT: 28 VDC 3.1 AMPS.
OUTPUT: 330 VDC 470 MA.
Used \$1.95 Unused \$3.95

ED-93 DYNAMOTOR

INPUT: 28 VDC 3.2 AMPS.
OUTPUT: 375 VDC 150 MA.
Used \$2.95 Unused \$4.95



Size 4 x 7 x 6½ Wt. 10½ lbs.

PE-133 DYNAMOTOR

INPUT: 12 VDC 2.3 AMPS.
OUTPUT: 230 VDC 90 MA.
Used \$4.95 Unused \$6.95



Size 5½ x 6 x 8½, Wt. 12½ lbs.

TYPE 377 DYNAMOTOR

INPUT: 14 VDC 8 AMPS.
OUTPUT: 425 VDC 163 MA.
Used \$6.95 Unused \$9.95



Size 5½ x 3½ x 7, Wt. 7 lbs.

DM-40 DYNAMOTOR

INPUT: 14 VDC 3.4 AMPS.
OUTPUT: 172 VDC 138 MA.
Used \$1.95 Unused \$2.95

D-402 DYNAMOTOR

INPUT: 12 VDC 3.8 AMPS.
OUTPUT: 225 VDC 100 MA
Price: Used \$4.95 New \$6.95

Size 3½ x 4 x 5½, Wt. 6 lbs.



Size 4½ x 4½ x 8½ Wt. 13 lbs.

DM-35 DYNAMOTOR

INPUT: 12.5 VDC 18.7 AMPS.
OUTPUT: 625 VDC 225 MA.
USED:\$6.95 RE-NEW \$9.95

DM-37 DYNAMOTOR

INPUT: 25.5 VDC 9.2 AMPS.
OUTPUT: 625 VDC 225 MA.
Used \$2.95 Unused \$4.95



DA-13A DYNAMOTOR

INPUT: 12.5 VDC 29 Amps.
" 25 VDC 14.8 Amps.
OUTPUT: 540 VDC 450 MA.
Price: Used \$12.95 New \$14.95

DA1F DYNAMOTOR

INPUT: 25 VDC 14.8 AMPS.
OUTPUT: 540 VDC 450 MA.
Price: Used \$3.95 New \$5.95
Size 4½ x 4½ x 8½ Wt. 13 lbs.

DA-14A Dynamotor

Same style as above
Input: 14 VDC 3.3 Amps.
" 28 VDC 1.6 "
Output: 230 VDC 100 Ma.
Used \$4.95 Unused \$6.95
Size 3½ x 3½ x 6 Wt. 4½ lbs.



Size 3½ x 3½ x 5½, Wt. 5 lbs.

DA1A DYNAMOTOR

INPUT: 28 VDC 1.6 AMPS.
OUTPUT: 230 VDC 100 MA.
Price: Used \$2.95 New \$4.95



DM-33 DYNAMOTOR

INPUT: 28 VDC 5 AMPS.
OUTPUT: 575 VDC 160 MA.
Used \$1.95 Unused \$3.95

Size 3½ x 4 x 7½ Wt. 8½ lbs.

DY-22 DYNAMOTOR

INPUT: 28 VDC 1.8 AMPS.
OUTPUT: 210 VDC 125 MA.
Price: Used \$4.95

Size 3½x3½x6½; Wt. 5 lbs.



CEK-21042M

INPUT: 18 VDC 3.5 Amp.
OUTPUT: 450 " 80 MA.
Size 4 x 4 x 6 Wt. 6 lb.
Shaft size ½ x 1
Price Less End Bells \$2.95
Price with one Bells 3.95
Price with Two Bells 4.95




Stock#W-114

AC-DC Motors

Hi-Speed


Gear Reductions

Blowers



DELCO PM MOTOR 250 RPM #5067127
27 VDC WITH GEAR ATTACHED TO 1/2" SHAFT
REMOVABLE MOUNTING, 8 OZ. INCH TORQUE
REMOVED FROM NEW EQUIPMENT.
PRICE \$4.95


SIZE: 4x1 1/2x1 1/2
WT: 8oz. GE SAME AS ABOVE NOT PM #5BA10AJ8D \$3.95



EMC 41314 110 VAC 60 cy. Induction Motor with Mounting feet. 1550 RPM thru a gear reduction to 24 RPM. Right Angle Drive. Size 4 X 3 1/2 X 7 3/4. Shaft size 5/16 X 5/8 with removable Gear. Wt. 5 lb. 13 oz. Price....\$9.95



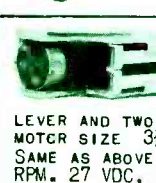
6 VOLT DC MOTOR 4000 RPM APPROX 1/20 HP.
3/8 SLOTTED SHAFT 3/8" LG. MOUNTING HOLES ON END. SIZE 4 1/2 LG. X 3 DIA. WT: 3 LBS. STOCK # EH 10053 PRICE: \$1.50




FRACTIONAL MOTORS # SH28C. 28 VDC 1.3 A. 1720 HP 3990 RPM. SHAFT 1/8 X 1. MOTOR SIZE 4 X 3 1/2 WITH MTG FEET. WT: 3 LBS. USEC STOCK # 3N3100A05-9/ART-13 PRICE: \$2.95



6-12 VDC. Open frame reversible Motor App. 4000 RPM with good Torque. Size 2 1/2 X 2 1/2 Shaft 1/8 X 3/8 with a small gear attached. Wt. 14oz. Price....\$1.00



DELCO PM MOTOR 5069625 IN GUN CHARGER ASSY#8242389G1. MOTOR 27V 120 RPM SLOTTED COUPLING OVER 2x2 INCH SHAFT THAT IS CONNECTED TO WORM GEAR WHICH OPERATES A LEVER AND TWO MICRO-SWITCHES. ASSY SIZE 6 1/2x2x4, MOTOR SIZE 3 1/2x1 1/2. WT: 1 1/2 LBS. PRICE: \$8.95
SAME AS ABOVE ONLY WITH GE MOTOR #5BA10AJ18A 110 RPM. 27 VDC, 1 OZ. FT. HP. PRICE: \$6.95




General Electric 58A25MJ424 - Type: BA 24 V @ 4.2A 7100 RPM 1720 HP Flange mount Motor size 2 1/2" X 5". Shaft size 1/4 X 1 Wt. 3 1/2 lbs. Price..... \$ 2.95




DELCO 5069790 PM 100 R.P.M. 27 VDC WITH GEAR ATTACHED TO 1/2 INCH SHAFT 1/2 INCH LONG. MOTOR SIZE 1 1/2x4. WT: 8 oz. PRICE: \$3.95




6 VOLT DC MOTOR, REVERSIBLE 1/20 H.P. SHAFT 1/2 X 3/4, FRONT END MOUNTING STUDS, MOTOR SIZE 3 1/2x3; WT: 4 LBS. G16VDC-R PRICE: \$1.25



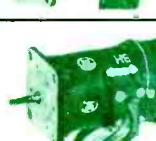
LEECE-NEVILLE MOTOR 24 VOLTS DC. 3/4 H.P. 46 AMPS. 4500 R.P.M., CLOCKWISE ROTATION, 3/2" FLANGE CENTER HOLE MTG. SPLINED SHAFT 5/8x3/4", MOTOR 8x5 1/2x4 1/2. WT: 15 LBS. STK#LN1504M PRICE: NEW \$9.95




Oster No. E-1-1. 28VDC @ 3.3A. 5000RPM, 1/25 HP series Motor with 6" Aluminum flywheel. Has governor controlled speed. Shaft 5/16 X 1". Overall size of Motor 3 3/8 X 6 1/2. Wt. 5 lb. 10 oz. Stock No. E-1-1 Price..... \$ 4.95



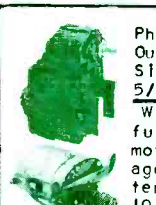
General Electric 58A25AJ32B Flange type mount. 24 VDC @ 2.9A 7000 RPM 3 Wire reversible with Magnetic brake. Size 2 1/2" X 4 1/2" L. Shaft 3/16 X 3/4 Splined Wt. 2 1/2 lbs. Price, Motor only..... \$ 2.95



General Electric 58A25D2300. Flange type mount 24 VDC @ 2A. 4600 RPM Governor controlled with Magnetic brake. Size 2 1/2" D X 5 3/8" L. Shaft 3/16" X 7/8". Splined Wt. 2 1/2 lbs. Price, Motor only..... \$2.95




John Oster type C 24A-1B - KS-5829-01 27 VDC 1/100 HP 7000 RPM DC Series Motor 2" D. X 3" L. Shaft 1/4 X 1 Wt. 1 lb.....Price \$ 1.95




Philco Gear reduction No. 441-1008 24VDC. Output speed 3.7 RPM 40 lb. in Torque. Size 4 X 3 3/4 X 5 1/2. Shaft size 5/16 X 5/8. Wt. 3 lb. 12oz. Price.....\$5.95


Windshield Wiper Motor 24VDC. Very powerful. May be used wherever an oscillation motion is desired such as stirring or agetation. Size 2 X 3 1/2 X 3 5/8. Shaft extends out 1 1/2" from the Motor. Wt. 1 lb. 10 oz. Stock No. 10D24. Price.....\$2.95



Delco 5069370 27 VDC Reversible PM Motor and Gear assm. in an Aluminum case. Output speed is 80 RPM through a friction clutch to a double shaft 1/2 X 3/4 on one side, 1/4 X 1 1/2 on the other. Size complete assm. 3 5/8 X 2 X 4 1/2 excluding shaft. Has built in noise filter system. Wt. 1 lb. 5 oz. Price..... \$ 4.95




Same Motor as used in above assm. Size 1 1/8 X 1 1/2 X 2 1/2. Wt. 4 Oz. Price..... \$2.95




Air Associates EE1530 Gear reductor 24 VDC @ .8A. 25 lb. in Torque, 5 RPM Reversible. Size 4 1/2 X 3 1/2 X 5 1/2. Keyed Shaft 1/2 X 1 3/4 with a 4" arm attached. Wt. 5 lb. Price \$ 4.95




DELCO PM MOTOR #5069230 145 RPM 27 VDC .65A, 1/2 X 3/8 SPLINED SHAFT, 14 OZ. INCH TORQUE. MOTOR SIZE: 1-3/8 X 3 1/2. WT. 8oz. PRICE: \$4.95




12 Volt DC Gearhead Motor 1 & 1/2 RPM. 75 in. lbs. torque. size 5x5x5 inches. Mfg. by White Rodgers. Type 3 part no.6906V. Price \$4.95




Bendix LM108J 24VDC 1/25 HP 15,000 RPM Series Motor. Geneva Loc. Actuator. Shaft rotates 1/2 revolution and stops and is locked in place until next contact is made then the cycle is repeated-time per cycle app. 3 seconds. Size 4 X 2 1/2 X 5 1/2. Shaft size 1/4 X 1/2. Wt. 1 lb. 14 oz. Price..... \$ 4.95



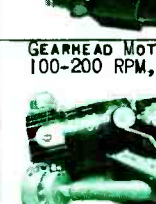
BENDIX BAND CHANGE MOTOR #AC56566-2 OPERATES FROM 28 VDC. THREE POSITION POSITIVE STOP. WITH SWITCHES & WAFER ASSY. SIZE: 6x3x2 WT: 1LB. PRICE: \$2.95



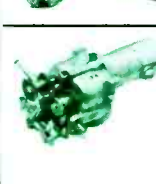
ELECTROLUX MOTOR 28.5 VOLT. 1.8 AMPS. 2200 RPM. 1/35 H.P. SHAFT SIZE 1 1/2 X 1/2 MOTOR SIZE: 4 1/2x3 1/2 WT: 5 LBS. PRICE: \$3.95




Air Associates EE1220M1-Gear Reduction. Either end or Base Mount. 27V @ 1.75A-1/75 HP 96C RPM with Governor control. Size 2 1/2 X 2 3/4 X 5 1/2. Shaft 1/2 X 3/8. Wt. 1 lb. 12 oz. Price..... \$3.95




GEARHEAD MOTOR 28 VDC 8AMP HEAVY DUTY REVERSIBLE 100-200 RPM, 2 1/2 LB. FT. TORQUE WITH SPROCKET. ONE INCH SCREW JACK 20" LONG WITH BALL JOINT & MTG. FLANGE ONE END AND FL BALL BEARING OTHER END. POSITIONER BRACKET 6" LG X 3 1/2" W. & SPROCKET. MOTOR SIZE 7 1/2x10x4 1/2. TOTAL WT. 21 LBS. STK# T80-4875 PRICE: \$8.95




John Oster Shunt Motor B-9-1 27 1/2 VDC @ .7A. 5600 RPM. Aluminum Cased Motor and Gear assm. Motor is flange mounted to the Gear case. 2 gear reductions 22 and 5 1/2 RPM on 1/2 X 1 1/2 shafts. Size 2 3/4 X 3 X 7". Wt. 1 lb. 14 oz. Price..... \$ 1.95
MOTOR ONLY \$1.50




DELCO PM BLOWER DELCO motor #506871, 27 volts DC 10,000 RPM & Blower Assy. overall size 2 5/8 x 2 1/2 x 3 WT. 9 oz. Motor-Blower \$3.95 Motor only \$2.95




OSTER 10 CFM Blower John Oster motor C2EP-1A 27.5 VDC 1/100 HP 6000 RPM with blower 10CFM. Size 3 1/2 X 3 1/2 X 4 1/2 Wt 1 1/2 Motor & Blower \$3.95 Motor only 1.95



400 CYCLE BLOWER Eastern Air Devices 10 CFM Blower 115 Volt 400 cycle, 1/100 HP motor. Size 3 1/2x3 1/2x4 1/2 Wt. 1 lbs. Motor- Blower \$5.95 Motor only \$3.95




PINCOR BLOWER Cast Aluminum housing shunt type motor 24 VDC 5000 RPM, 10 CFM blower. Motor noise filtered. WT 1lb 10 oz. Size 3 1/2x4 1/2x4 1/2 Motor-Blower \$5.95 Motor only \$1.95




OPEN TYPE BLOWER Delco motor 5069267 27 VDC 6000 RPM, reversible shunt type, flange mount. WT 1 lb size 1-3/4x2-5/8x2 1/2. Motor-Blower \$1.95 Motor only \$1.50



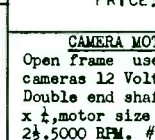
DELCO PM MOTOR #5072750, 10,000 RPM, 27 1/2 VDC TAPERED SHAFT 3/4". WILL OPERATE AT LOWER VOLTAGE LESS SPEED. SIZE: 2x1x1 PRICE: \$1.50



DELCO PM MOTOR 10,000 RPM 27 1/2 VDC, 1/2" TAPERED SHAFT WITH GOVERNOR. WILL OPERATE LOWER VOLTAGE LESS RP SIZE: 3 1/2x1x1 PRICE: \$1.50



NAVY PM MOTOR 27 VDC 1/150 H.P. 5000 R.P.M. SHAFT 3/4x3/16 MOTOR 1 1/2x1 1/2x2 WT: 8 oz. STK# 942-BUO-676213 Price: \$1.95



CAMERA MOTOR Open frame used in aircraft cameras 12 Volt AC-DC Double end shaft 1/8 x 1/2, motor size 2 1/2 x 2 1/2, 5000 RPM. # CM-120 Price\$1.95



PERMANENT MAGNET DC GENERATOR 2.1 Volts & 100 RPM. Electric Indicator Style CB. Stock # 3H3100-83 Size 3 1/2 x 1 1/2 x 2. Shaft 3/16 x 5/8 New \$9.95



RL-42 ANTENNA REEL MOTOR & GEAR BOX 24 volt DC 1/8 HP reversible motor with magnetic clutch. Adjustable gear box with limit micro switch. Originally used in planes for letting out & reeling in antenna Motor & Gear Box Used \$1.95 UNUSED \$4.95 W/Empty reel .50 extra \$4.95 Reel with 200 FT. Antenna Wire \$2.00



HEAVY DUTY REVERSIBLE TYPE GEAR HEAD MOTOR JOHN OSTER #KU-IL-IR 28 VDC 100 - 200RPM 8 AMP 2 1/2 lb. FT. torque. Size 7 1/2 x 10 x 4 1/2. WT. 12 lbs Shaft size 7/16 x 3/4. Price \$5.95

BULL'S EYE INDICATOR LIGHTS
CHROME BRASS, RED LENSE, CANDELABRA SCREW BASE, 1" HOLE MTG. 1/8" x 3" LG. #275988 \$.39 EA. 3 FOR \$1.00

DULL FINISHED
BRASS, RED LENSE DOUBLE CONTACT BAYONET BASE, WITH 12 VOLT LAMP LM-44, 1" HOLE MTG. SIZE 1 1/2" x 3" #226125-22 PRICE: \$.39 EA. 3 FOR \$1.00

FLASH LAMP
A GASEOUS DISCHARGE FLASH LAMP AS USED IN VVX-1 IND ENTIFICATION EQUIPMENT. 200 WATT SECOND, 3 PRONG BASE. SYLVANIA #1073/4330 CAN BE USED IN PHOTO-FLASH \$1.95 EACH. 3 FOR \$5.00

CAPACITOR 23 TO 28 MFD 1000 VDC CONT. 2000 VDC INTER. CAN BE USE FOR ASSY. IN PHOTO-FLASH WORK. GE#25F454, 7x3x8, 5LBS. \$6.95

RUBBER SHOCK MOUNTS
MTG HOLES 2" CENTERS
6 LB. #6 \$.35
14 LB. #14 .50
10 LB (ILLUS) #5150 .40

CERAMIC COUPLER 2"
DIA. 3" SHAFT EA. SIDE
STK#SW10-5 PRICE: \$.50

GIANT 4 CONTACT CERAMIC FOR 872, 211 ETC. 3" RD.
GE#ML7461594-G1
PRICE: USED \$.39

GIANT 4 CONTACT CERAMIC SOCKET FOR 715, 718 ETC. 3 1/2" RC
STK#227684.98
PRICE: NEW \$.50

GIANT TUBE SOCKET 7 CONTACT FOR 813 4E27A ETC. 2 1/2" SO
GE#ML7466795-1/442
PRICE: \$.75 USED

BAND CHANGE SWITCH 9 CERAMIC WAFERS, RIGHT ANGLE BEVEL GEAR DRIVE SILVER CONTACTS.
SIZE 12x2x2 1/2
STK#SW11014 PRICE: NEW \$1.50

TERMINAL STRIPS 10 DOUBLE SCREW TERMINALS WITH SHORT CLIP PED WIRES & SPADE LUGS NUMBERED
PRICE: \$.25 EACH 5 FOR \$1.00

BINDING POSTS 7 ON A BAKE-LITE STRIP, THUMB SCREW TYPE TERMINALS. REMOVED FROM EQUI
PRICE: \$.35 EA. 3 FOR \$1

TELEPHONE SIGNAL DROP SWITCH BOARD UNIT WITH MOMENTARY & HOLD MULTI-CONTACT LEVER SW RING IN DROP RELAY & PHONE JACK. SIZE 1 1/2" x 8 x 3. WT: 1 LB. #EE-2 \$.39 EA. 3 FOR \$1 USED PL-11 PLUG ON 30" CORD \$.35 EA.

SW-118 SWITCH ASSY. SPST, ONE SIDE HOLDING ON - OTHER SIDE MOMENTARY ON, CENTER OFF SWITCH SIZE 2 1/2" x 1, CASE SIZE 2 1/2" x 1. PRICE: \$.35 EA. 3 FOR \$1.00

B-9A SWITCH ASSY SPDT CENTER OFF 5 AMP. 125 VOLTS TWO HOLE MTG. SIZE: EA. SW 3/4 x 2 x 1. \$.35 EACH BANK OF FOUR \$1.

Capacitors



2000 MFD 15 VDCW 1 1/2 x 4 1/2 RD	.59
2000 MFD 50 VDCW 2 1/4 x 4 RD	1.00
5 x 5 MFD 400 " 3 1/2 x 3 x 2	.85
6 MFD 600 " 3 1/2 x 3 x 1	.85
1000 MFD 50 " 1 1/2 x 4 1/2 RD	.55
8000 " 55 " 3 x 6 " 1.75	

OIL CONDENSERS listed below have been removed from unused equipment and are guaranteed.

4 MFD 400 VDC 2 1/2 x 3 1/2 x 1 1/2	.30
5-5 " 400 " 3 1/2 x 3 1/2 x 2	.50
4 " 500 " 1 1/2 x 4 1/2 x 1	.40
2 " 600 " 1 1/2 x 4 1/2 x 1	\$.25
4 " " " 2 1/2 x 4 1/2 x 1 1/2	.45
8 " " " 3 1/2 x 4 1/2 x 1 1/2	.75
8x8 " " " 3 1/2 x 3 1/2 x 2	1.00

(Plug in Type 4 prong)

MFD	VDC	SIZE	PRICE
7	600	2x4x4	\$1.00
8	600	4x4x1	1.25
2	1000	2x4x1	.75
8	1000	4x4x1	2.25
1	2000	2x3x1	1.25
2	2000	4x4x1	1.75

POTENTIOMETER 100 WATT, 100,000 OHM IN 20 STEPS 5000 OHM EACH WITH HEAVY DUTY CONTACTS & INSULATED TERMINALS 7" SHAFT. DAVEN#1373
SIZE: 5 1/2" x 3 1/2", SHAFT 1-3/8 x 3/8. WT: 1 1/2 LB. STK#227281-3 \$1.25

POTENTIOMETER PRECISION TYPE, WIRE WOUND, 2 SEC 10,000 OHMS EACH 6 W. 3 SOLDER LUGS EA. SEC. SIZE 3x5 1/2. WT: 1 LB. STK#227284-29 \$7.75

NEW OIL CONDENSERS 4 MFD 2000 VOLT GE#25F70 2 1/2 x 3 1/2 x 4 \$3.95
8 MFD 1500 VOLT GE#22F156 3 1/2 x 2 x 6 \$3.95
GE#23F103 4MFD-600 vdc \$.50
GE#23F102 2 " " " .30
GE#23F115 1 " 500 " .25
GE#23F114 .5 " " .20
GE#23F188 .5.5 300 " .25

Switches

Switches removed from new equip.

TYPE	MTG	VOLTS	ST#	PRICE
S.P.S.T.	NUT	3A/125	SW-105	.20
S.P.D.T.	"	"	882K1	.35
4.P.S.T.	"	"	883K2	.55
4.P.D.T.	"	"	SW-155	1.00
D.P.S.T.	"	"	882K1	.35
D.P.D.T.	"	"	SWP221	.50
S.P.S.T.	"	"	881K2	.25

(Momentary)
D.P.D.T. " " ST-22R .40 (Momentary one side)

HEAVY DUTY TAP SWITCH
Six (6) position four hole mounting Size 2 1/2" x 2 1/2" x 1 1/2" Stock#29604-2 Price \$1.50

ANTENNA CIRCUIT SWITCHING SWITCH 100 WATT Size 4 1/2" x 2-3/4" 3/Maka 3/Break #329626 \$2.50

Vibrators

VB-16/6, 12 or 24 volt for PE-237 \$3.95

TYPES LISTED BELOW \$1.95 Each

VB-1 /6 volt for PE-117 PE-97 & PE-237 (Same as VB-7)

VS-3 /6 volt for PE-104 (Same as Mall-550C)

G534/12 volt for PE-110

VB-8 /2 volt for PE-157

VB-9 /6 volt for PE-157

VB-11/24 " for PE-120

VB-12/6 " for PE-120

VB-13/12 " for PE-120

Rheostats

STK# WATTS OHMS PRICE

327345-1 150 4500 \$1.50

353-5049 50 8 .75

PR-833 50 200 .75

327075-2 200 75 1.95

5895 DUAL 50 20 \$1.50

6ROKK 50 6 .75

987 25 250 .75

1099 100 53 1.75

OHM132 150 10000 1.50

OHMG75 DUAL 100 75 1.75

32725-4 25 750 .60

992120 50 10 .60

Breakers

CAT. # VOLTS AMPS. PRICE

P-0111 125 AC 12 \$1.50

3H900-1.25 115 AC 1 1/2 A 1.00

3H900-3-2 115 AC 3 A 1.00

62349M6 117 AC 1.25 2.50 (3 POLE)

8751K4 30 DC 10 .50

Relays

ANTENNA Change over RELAY 12 Volt DC 2 Break 2 Make 100 Watt
Stock # 206191/1L Price \$3.95

DYNAMOTOR STARTING Relay 14 volt DC S.P.S.T. 43 AMP. Stock#3HL777A/3 Price \$2.50

RATCHET TYPE BAND CHANGE MOTOR AS USED IN SCR-522 FOUR POSITION 12 VDC OPERATION. STK# 3H3112 REMOVED FROM EQUIPMENT. PRICE: \$2.50

VOLTAGE REGULATOR 12 VOLT DC Type 956 Model 1 STYLE A \$2.95

Kits \$1.00

DISC CERAMIC CONDENSERS 33 ASST. 15MMF-.01MFD. Good Value \$1.00 a KIT

TUBULAR CONDENSER 50 ASST. .00025 to .1 200 to 600 V \$1.00 a KIT

MICA CONDENSERS 25 ASST. 10 MMFD To 6800 MMFD. \$1.00 a KIT

TRIMMER CONDENSERS 25 ASST. 3 to 280MMF WIDE RANGE. \$1.00 KIT.

RESISTORS INSULATED 50 ASST. 1/2, 1 & 2 Watt wide range of good values 50 ASSORTED \$1.00

RESISTORS WIREWOUND 25 ASST. 5 to 20 Watt. Wide range of values some tapped. 25 ASST \$1.00

VOLUME CONTROLS 10 ASST. Popular Values \$1.00

TUBE SOCKETS 20 ASST. Octals Locals Minatures Wafers etc \$1.00

PILOT LIGHT SOCKETS 25 ASST Bayonet Screw etc. \$1.00

TERMINAL STRIPS, Tie lug strips, ASST types. 25 for \$1.00

TERMINAL LUGS, ring spade, crimp types. Wide variety of sizes for all uses in clear plastic box, Approx 200 PCS \$1.00

ROTARY SWITCHES BRAND NEW ORDER NOW 6 for \$1.00

BATHUB CONDENSER KIT .1 MFD. to 1. MFD. up to 600 Volt. 10 for \$1.00

HARDWARE KIT NUTS, WASHERS SCREWS, RIVET GROMMETS ETC. 1 1/2 LBS. \$1.00

MAGNETRON MAGNETS
Gauss: 5200 .Gauss: 5200
Airgap: 1/2" .Airgap: 1/2"
Poles: Tapered .Poles: Tapered
1-3/4 to 3/4" . 1-3/4 to 3/4"
Height: 7" .Height: 7"
Base: 2-3/4x6 1/2" .Base: 2-3/4x6 1/2"
Weight: 9-3/4 lb. Weight: 9-3/4 lb.
PRICE: \$9.95 . PRICE: \$9.95

BC-603, BC-683 BC-604 & BC-684 SPARE PARTS CHEET FOR STORING TUBES & PARTS. SAME SIZE & SHAPE AS RECEIVERS 2 COMPARTMENTS. SIZE 7x11 1/2 x 11 1/2 \$1.00

METAL BOX WITH REMOVABLE TOP, CUTOUTS FOR AC OUT LETS & SWITCH. SIZE: 6 1/2 x 4 1/2 x 4 1/2 PRICE: \$.50

ALARM BELL OPERATES ON 24 VOLTS DC OR AC. SIZE 3 1/2 x 2. EDWARDS # 95606. BLACK ONLY \$1.00

HORSESHOE MAGNETS
5 lb. Lift 2 1/2 x 3/8" \$.50
25 lb. Lift 2 1/2 x 2 1/2 x 1 1/2 lb. 2.90
75 lb. Lift 4 x 3 x 3 1/2 lb. 4.95

ASSORTED MAGNETS
Round Magnet 2 1/2 x 2" WT. 2 lb. \$1.50
Oblong " 1 1/2 x 2 1/2 x 5/8 3/4 lb 1.00
Asst. types used on speaker 3 for 1.00


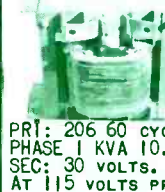
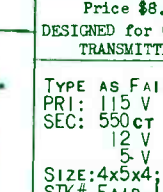

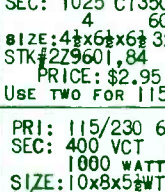

HAND TYPE MAGNETO GENERATORS
Used for ringing telephone lines AC voltage output approx. 100 volt can be used as shock machine, light small bulbs or drive worms out of the lawn.
GN-38 with 3 Magnets \$1.95
GN-38A NO Magnets W/COILS 1.95
GN-38B with Alnico Magnets 2.95
GN-64B LARGE ALNICO \$3.95
7-41PT Round type \$2.95

25 Precision Resistor Ass't
WIRE WOUND OR CARBON 1% OR BETTER GOOD VALUES. \$1.00
50 TINY CAPACITORS SELECTED TINY ASST PAPER & CERAMIC X GOOD VALUES. \$1.00

WIRE ASSORTMENT
SIX 25 FT. COILS FULLY INSULATED STANDARD SIZES TINNED COPPER ASST. COLORS \$1.00

MINIMUM ORDER \$3.00

Power Transformer Filament Modulation Microphone Chokes

 <p>PRI: 115/230 60 cyc SEC: 800 CT. 120 MA 6.4 4.5 AMP 5 2 " 6.3 .6 " 6.4 450 MA Size 5x5x6 WT. 13 lbs. Stock # 229621-380 PRICE: \$2.95</p>	 <p>PRI: 115/230 V 60 cyc SEC: 240 VCT 35 MA 24 V .9 AMP 6.3 " .6 " 6.3 " .3 " Size 3x3x3 WT. 4 lbs. Stock # FM-13-17 Price \$1.75</p>	 <p>PRI: 115/230 60 cyc SEC: 600 CT 100 MA 12.5 " 3 A. 12.5 " 3 A. 5.0 " 3 A. Size: 3x3x4; WT: 5 1/2 STK# 229828 USED WITH RA20 PRICE: \$3.95</p>	 <p>PRI: 115/230 60 cyc SEC: 750-0-0-750 1.66 AMP @ 1.66 SIZE: 13x10x11 WT: 115 LBS. STK# 229607-16 PRICE: \$29.50</p>	 <p>MODULATION TRANSFORMER Watts 20 Response Response 200-5000-LDB PRI: 2 6000 SEC: 2 6000 Collins #677-2010-00 Size 2 1/2 x 2 1/2 x 3 1/2 WT. 3 1/2 lbs Stock# 229634.53 Price \$2.95</p>	 <p>PRI: 115 V 60 CYC. 1200 200 MA. 12.5 2 AMP. 12.5 2 AMP. 5 3 AMP. Size 4x4x4 WT. 10 lbs Stock # FAIR-617 Price \$8.95 DESIGNED FOR COMMAND TRANSMITTER</p>	 <p>6 HY 75 MA 150 OHM 3x3x2 1/2 WT: 2 1/2 STK# 3C316-7 PRICE: \$.79</p>	 <p>10 HY 400 MA 85 OHMS 6x3x6 1/2 WT 15 STK# 172502 PRICE: \$4.95</p>
 <p>PRI: 115 V 60 cyc. SEC: 1080 CT. 142 MA. 6.3 1 AMP. 6.3 2 AMP. 5 3 AMP. Size 5x5x5 WT. 14 lbs Stock # 229613.52 PRICE: \$3.95</p>	 <p>PRI: 115 60 CYCLE SEC: 680 CT 225 MA 1540 20 " SIZE: 5x5x5 WT 16 STK# D-161916 PRICE: \$3.95</p>	 <p>AUTO VIBRATOR TRANSFORMER VIBRATOR 12/115 CY SEC: 248 CT 90 MA 1 2.4 AM 115 CYCLE SIZE: 2 1/2 x 3 1/2 x 3 WT4 STK# 229625-75 PRICE: \$1.50</p>	 <p>PRI: 206 60 CYCLE PHASE 1 KVA 10.6 SEC: 30 VOLTS. AT 115 VOLTS PRI. SEC. 16 VOLTS. SIZE: 14x11x11 WT: 150 # ACM2649 PRICE: \$18.95</p>	 <p>ART-13 MODULATION TRANSFORMER WATTS 100 PRI: 270 OHMS DC SEC: #1 130 OHMS #2 170 " RESPONSE 200 - 500 SIZE: 4 1/2 x 4 3/4 WT 5 LBS STK# 229634.38 PRICE: \$4.95</p>	 <p>TYPE AS FAIR#617 PRI: 115 V 60 CY SEC: 550 CT 150 MA 12 V 4 A. 5 V 3 A. SIZE: 4x5x4; 7 LBS. STK# FAIR-490 PRICE: \$7.95 DESIGNED F/BC-923</p>	 <p>DUAL CHOKE 11 HY 108 MA. 200 OHMS. 4x4x5 1/2 WT. 8 lb ST.#3C557F-1 PRICE: \$1.25</p>	 <p>11 HY 75 MA 260 OHM 2 1/2 x 2 1/2 x 3 1/2 STK# 3C323-6P PRICE: \$1.75</p>
 <p>PRI: 115 V 60 cyc. SEC: 624 CT. 70 MA. 6.3 2.1 AMP. 5 3 " Size 3 1/2 x 4 x 6 WT. 8 lbs. Stock # 229611.39 PRICE: \$1.95</p>	 <p>PRI: 115 V 60 CYC SEC: 720 CT/200 MA 12.6 3 A 6.6 10 A 5.25 3 A S/5x4 1/2 x 5 1/2 WT: STK.# 203533 PRICE: \$4.95</p>	 <p>VIBRATOR 12/115 CY SEC: 300 CT 100 MA. 27 CT 2 MA. SIZE: 3x3x3 1/2 WT: 4 LB STK# 229625-73 PRICE: \$1.50</p>	 <p>PRI: 115 V 60 CYC SEC: 6.3 V 2.7 AMP SIZE: 2 1/2 x 2 1/2 x 1 1/2 LB. STK# 5950-186-9789 PRICE: \$2.50</p>	 <p>MODULATION TRANSFORMER WATTS: 75 PRI: 200-250 OHM SEC: GRID 813 TUBE WITH SIDETONE SIZE: 2 1/2 x 3 1/2 x 3 WT 2 1/2 STK# GE7465620-1 PRICE: \$2.95</p>	 <p>TYPE AS FAIR#617 PRI: 115 V 60 CY SEC: 500 CT 125 MA 24 V 2 A. 5 V 3 A. SIZE: 4x5x4; 6 1/2 LB. STK# FAIR-1424 PRICE: \$6.95 FOR R-77/ARC-3</p>	 <p>5 HY 500 MA 28 OHM 4 1/2 x 5 3/8 WT 9 1/2 STK# 3C1987-72 PRICE: \$3.95</p>	 <p>15 HY 350 MA 5x5x6 WT: 18 STK# 3C549-2 PRICE: \$6.95</p>
 <p>PRI: 115 V 60 cyc. SEC: 210/230 60 cyc SEC: 3000 700 MA. TAPPED: 1500, 2100 & 1050 SIZE: 14x11x9 150 LB STK# 229607-14 PRICE: \$34.95</p>	 <p>PRI: 115 V 60 CYC SEC: 720 CT 2 AMP 7 CT 24 " 5.4 V 4 " SIZE: 5x5x4 1/2 WT. 13 STOCK# 702770 PRICE: \$2.95</p>	 <p>AUTO-ISOLATION STEP UP-STEP DOWN VIBRATOR FOR ABOVE TRANSFORMERS 6.3 V 4.3 AMP. FOR 12 V USE DROPPING RESISTOR. STK# 3H6690-15 PRICE: \$1.95</p>	 <p>FILAMENT TRANSFORMER PRI: 70/100/140/200 60 CYCLE SEC: 12.6 CT .7 A 6.3 CT .9 A 6.3 CT 1.5 A 6.3 CT 1.5 A 2.5 KV TEST SIZE: 5 1/2 x 3 1/2 x 5 1/2 LB STK# GE7465625-PI PRICE: \$2.95</p>	 <p>MODULATION TRANSFORMER 100 Watt RESPONSE 200 to 5000 PRI: 7000 SEC: 7000 F/BC-191/375 TRANS. Size 3x4x5 WT. 5 1/2 lbs. Stock # 206191/T1 Price \$3.95</p>	 <p>PRI: 115 V 60 cyc. SEC: 12.5 V 2 AMP. 12.5 2 " Size 4 1/2 x 4 1/2 x 2 1/2 WT. 5 1/2 lb Stock # FAIR-5005 PRICE: \$4.95</p>	 <p>70 OHM OR 200 /500 LINE TO GRID 807 TUBE 100MA. 2x3x2 STK# FAIR-818 PRICE: \$4.95 FOR BC-603, 683 COMM/ARC RECEIVER</p>	 <p>17 HY 80 MA. 300 OHM 2 1/2 x 3 1/2 x 3 1/2 STK# 3C326-31B PRICE: \$1.00</p>
 <p>PRI: 115 V 60 CYC SEC: 660 CT 100 MA. 6.3 5 AMP. 5 3 " Size 4x5x4 1/2 WT. 9 1/2 lb Stock # 6J23 Price \$3.95</p>	 <p>FILAMENT TRANSFORMER PRI: 70/100/140/200 60 CYCLE SEC: 10 CT 10 AMP 3 KV TEST SIZE: 6x4 1/2 x 5 WT: 10 GE# M7465024-PI PRICE: \$2.95</p>	 <p>PRI: 95, 105, 115, 125, 190, 210, 230, 250, 50/60 CYCLE, 600 WATT. SEC: VOLTAGE DEPENDS ON WHAT PRI., TAPS ARE USED. SIZE: 5x7x5 WT. 16 STK# 229605.3 PRICE: \$7.95</p>	 <p>PRI: 115 60 CYC SEC: 12.6 CT 3.5A 15.6 1 A SIZE: 3x3x4 1/2 5 LBS STK# 672N243 PRICE: \$3.95</p>	 <p>MODULATION TRANSFORMER RES. IMPED. PRI: 113 OHM 5700 SEC: 72 " 2280 3-3/4x2 1/2x3 WT: 3 LB STK# 22K9634.21 PRICE: \$2.95</p>	 <p>Same style as #5005 PRI: 115 V 60 CYC. SEC: 24 V 1 AMP. Size 2-3/4x2 1/2x2 WT. 2 1/2 lb. Stock # FAIR-718R Price \$1.95</p>	 <p>5 HY 50 MA. 250 OHM. 2x2x2 1/2 WT. 1 1/2 Stock# 3C367-2 PRICE: \$1.50</p>	 <p>OUTPUT TRANSFORMER NP/NO-1.77/ 6.60, 50 to 5000 CY. 005A SIZE: 2x2x2 STK# 7465623-1 PRICE: \$1.75</p>
 <p>PRI: 115 V 60 CYC. SEC: 1100 V 75 MA. 7.5 3.25 AMP. Size 4x5x5 WT. 10 1/2 lb Stock # 229812 PRICE: \$2.95</p>	 <p>PRI: 115 60 cyc SEC: 2400 CT 106 MA. Size 7x4 1/2 x 6 1/2 WT. 25 lb Stock/229014-152 Price \$5.95</p>	 <p>AUDIO MATCHING LINE TRANSFORMER PRI: 50/125/200/250/333/500 OHMS. SEC: SAME AS PRI. SIZE: 2 1/2 x 3 x 2 WT: 2 STK# KENYON P-100 PRICE: \$1.95</p>	 <p>PRI: 230/460 60cy SEC: 1025 CT 350 MA 4 60" SIZE: 4 1/2 x 6 1/2 x 3 1/2 STK# 229601.84 PRICE: \$2.95 USE TWO FOR 115 V</p>	 <p>MODULATION TRANSFORMER WATTS: 40 PRI: 115 V 60 CYC. SEC: 12.5 V 1 AMP. Size 2 1/2 x 2 1/2 x 2 1/2 WT. 1 1/2 lb Stock # FAIR 2468 Price \$1.75</p>	 <p>CUNCER TRANSFORMERS Transformer Pri: 100 ohm Sec: 4000 " PO/BC-709 Amp. 3/4x3/4x4 1/2 ST# 229931 Price \$1.50</p>	 <p>10 HY 150 MA 150 OHM 3 1/2 x 3 1/2 x 4 WT: 5 1/2 STK# 3C323-6Z5 PRICE: \$1.50</p>	 <p>Microphone Transformer Pri: 15 ohm Sec: 5000 " 1 1/2 x 1 1/2 x 2 " PO/BC-26/AIC ST# 229631.121 Price \$1.00</p>

UTILITY BLOWERS

THE BLOWERS LISTED BELOW ARE STANDARD SHADED POLE TYPE AND ARE QUITE RUNNING WITH NO RADIO INTERFERENCE.

50 & 100 CFM BLOWERS

For Heat Boosters, Dryers, Exhausters, Drafts

You can't buy a better blower for forced drafts for warm air heating systems, heat boosters, exhausters, dryers, etc. Lowest priced, best made blowers of their kind.

Single and twin types, 50 and 100 CFM respectively. Sturdy 3" dia. blower wheels are direct-driven by 115V, 60 Cy. quiet running Dayton motors. Steel housings are rubber mounted. 2 1/2" discharge. Outlet velocity is 200 ft./min. 4 1/2" wire leads. Black Anilsh. Shpg. wts. 5 and 6 lbs.

340 CFM TWIN BLOWER

For Hot & Cold Air Circulation, Exhaust, Etc.

275 CFM Dayton W.I.P. Blower. Ideal for air circulation, forced draft, and exhausting jobs requiring more air than possible with single blower. Efficient, dependable and quiet. 3/4" dia. balance wheel, operated by 1550 RPM, 115V, 60 Cy. motor with 12" leads. Rubber mounted pressed steel housings with 3 1/2" outlets. Each outlet has 4 1/2" square flange to facilitate mounting. Outlet velocity is 1960 ft./min. 4 1/2" dia. air intakes. 1 1/2" W x 8 3/4" H x 8 1/2" D. Black baked on enamel. You'll like this blower's performance and the way it is built. Wt. 12 lbs.

15 CFM BLOWER No. 2C782F \$8.75

100 CFM BLOWER No. 2C781F \$10.95

2C781 100 CFM 115 VOLT 60 CYCLE INTAKE 3" OUTLET 2-1/8" FL 4-1/8" SIZE 5-13/16" x 6-3/4" x 6-5/16" SHPG. WT. 5 LBS. PRICE: \$10.95

2C782 15 CFM 115 VOLT 60 CYCLE INTAKE 2-7/8" OUTLET 1 1/2" FLG 2 1/2" SIZE 3-13/16" x 4" x 3-7/8" SHPG. WT. 2 1/2 LBS. PRICE: \$8.75

140 CFM UTILITY BLOWER

For Exhausting, Forced Draft, Cooling, Etc.

Delivers \$11.95 blasts of air

Com. 2C610F

140 CFM single-inlet blower. Top performance for forced draft, ventilating, exhausting, cooling and drying applications. 5 1/2" x 4" mounting flange with 2 1/2" square discharge. Outlet velocity is 2250 ft./min. 3 1/2" dia. blower wheel direct-driven by 2800 RPM, 1 1/2 HP, 115V, 60 Cy. motor with conduit box and 20" leads. 7 1/2" W x 7 1/4" H (less flange) x 6 3/4" D. Order sample and test best 140 CFM utility blower. Wt. 9 lbs.

108 CFM 'PANCAKE' BLOWER

Compact—Motor is Inside Blower Wheel

\$12.95 Dayton "pancake" moves 108 CFM where installation space is limited. Only 4 1/4" wide—because motor has been built inside blower wheel. Fits into 4 1/2" x 16" H x 8 1/4" space. Discharge 3 1/2" W x 3" H. Outlet velocity is 1530 ft./min. 4 1/2" dia. squirrel cage blower wheel and air intake. Steel, rubber mounted housing with baked on black enamel finish. 150 RPM, 115V, 60 Cy. motor with 12" leads. Shpg. wt. 6 lbs.

2C067F \$22.75

350 CFM DAYTON BLOWER

6 1/2" Wheel, 1/10 HP, 115 V, 60 Cy. Motor

2C841F \$22.75

Designed for applications that require more air than average shaded pole blower provides. Ideal for many exhaust-ing, heating, cooling, drying, circulating, etc. applications. 350 CFM at 800 RPM, 350 ft./min. outlet velocity in free air. 6 1/2" x 2 1/2" blower wheel is direct driven by 1/10 HP, 1500 RPM, 1 1/2 V, 60 Cy. rubber mounted shaded pole motor. 180 F.L. wts. 29 F.L. amps. 12" dia. wire leads. 4 1/2" x 3 1/2" discharge. 5 1/2" dia. intake. 1 1/2" H x 7 1/2" W x 10 1/2" D. Baked black Anilsh. Shpg. wt. 12 lbs.

AMPLIFIER

ILLUSTRATED COVER REMOVED

NAVY INTERPHONE AMPLIFIER FOR TCS EQUIPMENT USES 2/12A6 AUDIO TUBES IN PUSH-PULL. CARBON MICROPHONE INPUT 75 TO 200 OHM. RECEIVER; INPUT 600 OHM. AUDIO OUTPUT 125 OHM. VOLTAGE REQUIRED 12VDC & 250VDC 60MA.

\$2.95

MTG FOR 12VDC DYNAMOTOR 35X032. CAN BE USED AS A AUDIO AMPLIFIER FOR MOBILE OR HOME. SIZE: 7 1/2" x 7" x 10" WT: 15 LBS. STK# CMX50L28

COMPLETE WITH 3/12A6 TUBES LESS DYNAMOTOR \$2.95

" " " WITH 12V " 6.95

WITH SCHEMATIC & MANUAL, MFG BY MAGNAVOX

TRANSMIT TARGET

BC-655 TARGET TRANSMITTER

PORTABLE BATTERY-OPERATED LOW POWER TONE-MODULATED UNIT WHICH COVERS THE FREQ RANGE OF 17.5 TO 158 MC IN 3 BANDS IT CAN BE USED AS A TARGET TRANS. OR A TEST SET. COMPLETE WITH TUBES 1/958 & 1/1A5GT. BATTERIES REQUIRED 1.5 V & 90 VOLTS. ALSO HAS 2" 0-200 DC MICROAMMETER AND PROVISIONS FOR MOUNTING AN-29 TELESCOPING ANTENNA. SCHEMATIC & FREQUENCY CHART INCLUDED. SIZE 5 1/2" x 9" x 7" WT: 9 LB

PRICE: NEW \$16.95

BC-610 PLUG IN OSCILLATOR UNITS FOR 500 WATT TRANSMITTER. UNITS WILL MAKE A GOOD FOUNDATION FOR 25-40 WATT TRANSMITTER. EACH UNIT CONTAINS VARIABLE CAPACITORS, COILS, KNOBS CRYSTAL SOCKET, SWITCH ETC. SIZE: 2 1/2" x 8 1/2" x 4 1/2"

TU-49 FREQ. 3.2 - 4 MC #TU-52 FREQ. 6.35 - 8.0 MC

TU-50 " 4.0 - 5 " #TU-53 " 8.0 - 12. " "

TU-51 " 5.0 - 6.35 #TU-62 " 1.0 - 1.5 " "

ALL UNITS ARE USED AND HAVE CRACKED INSULATION ON THE PLUG IN STRIP. WT: 2 LB. PRICE: \$1.75 EA

BC-610 TRANSMITTER PLUG IN COILS

AIR COILS 2 1/2" x 4 1/2" OVERALL WITH IN-SIDE COUPLER. FIVE PLUG IN PINS.

#C-455 FREQ. 1 - 1.5 MC.

#C-387 " 2 - 3.5 MC.

#C-447 " 8 - 11.0 MC.

#C-448 " 11 - 14.0 MC.

WT: 1 LB. PRICE: NEW \$3.95

SIGNAL LAMP SE-11

PORTABLE UNIT FOR SENDING MESSAGES IN WHITE OR RED FLASHES OF LIGHT IN CODE. 2000 YARDS SUNLIGHT, 5 MILE AT NIGHT. USES 5 REGULAR FLASHLIGHT BATTERIES.

SPRING ACTION TRIGGER FOR QUICK ACTION SIGNALING. 15 FOOT CABLE FOR CONNECTING KEY. TRIPOD ADJUSTABLE 15-39". CANVAS CARRYING CASE FOR ENTIRE APPS.

COMPLETE WITH CASE, PISTOL GRIP LIGHT ASSY, GUNSTOCK, GOGGLES, KEY, FILTERS, BULBS ADJUSTABLE TRIPOD & BOOK

WT: 8 LBS. \$4.95

R-150/CRW-7 RECEIVER

High frequency for remote control in the 65.9 to 92.8 MC band. Variable condensers for tuning four preset channels for simultaneous reception that operate separate relays

Complete with ten tubes 6/6AG5, 3/636, 1/6AL5 24 volt dynamotor, relays band filters etc.

Size 6 x 10 x 8. USED \$4.95 RE-NEW \$6.95

DC BLOWER

DUAL OUTPUT UNIT OPERATES FROM 12 OR 24 VDC. APPROX. 100 CFM 3000 RPM AT 24 VOLTS, 65 VOLTS. SIZE: 10x5x5; WT: 4 LBS. PRICE: \$3.95

IDENTIFICATION VISUAL FLASH LAMP

USED BY THE ARMY FOR SIGNALING AND IDENTIFYING TROOP MOVEMENTS. OPERATES FROM 6 OR 12 VOLTS DC. IDEAL FOR BOATS, PLANES, AUTO'S, BOAT LANDINGS, MOUNTAIN COTTAGES ETC. FOR THE USE INTENDED OR CAN BE USED FOR A PHOTO-FLASH UNIT OPERATING FROM 6 OR 12 VDC OR CAN BE CONVERTED TO 115 VAC FOR HOME & STUDIO USE. CONSISTS OF A HIGH VOLTAGE CONVERTER USING TRANSFORMER, VIBRATOR, SLYVANIA FLASH TUBE #1073A, HIGH VOLTAGE CONDENSER & 20 FT CABLE. COMPLETE WITH SPARE PARTS IN CARRYING CASE & INSTRUCTION BOOK. SIZE: 17x10 1/2 x 4 1/2 WT: 50 LBS. STK# AN/VVX-1 PRICE: NEW \$29.50 Used \$19.50

TG-34A KEYS:

Code practice set used to reproduce signals previously recorded on inked paper tapes. Variable speed motor control to 25 words per minute. Keying oscillator for hand key also speaker & headset phone jack. Operates from 115/230 volt 50/60 cycle. Housed in portable carrying case. Checked for operation.

PRICE: USED CHECKED \$22.95

BLANK PAPER TAPE 3/8" WIDE FOR MAKING YOUR OWN INKED CODE TAPES AS USED WITH KEYS. 900 FT PER ROLL. 30 ROLLS 15 LBS. \$3.00

AN/CPT-2 LIFEBOAT TRANSMITTER

USED FOR RESCUE WORK IN THE 143 TO 194 MC RANGE. COMPLETE WITH 1/3A5 TUBE MOUNTED ON TOP OF 58" TELESCOPING ANTENNA WITH DIPOLES. BATTERY VOLTAGE REQUIRED 2 1/2 & 103 1/2 VDC. ANTENNA IS MOUNTED TO CASE SIZE 4 1/2 x 15 1/2 x 2 LBS

PRICE: USED \$1.25 N \$1.95

RADIOSONDE TRANSMITTER

CRYSTAL CONTROL USING 1/3A4 TUBE 3VDC RELAY & MOTOR THAT OPERATES RECORD ALSO PARACHUTE, PRESSURE UNIT ETC. BATT. OPERATED FREQUENCY APPROX 3135 KC

STK# 7A8325-3 PRICE: \$6.95

BC-439 FREQUENCY METER 100-120MC CRYSTAL CONTROLLED, 4000 KC CRYSTAL OPERATES FROM 115 VOLT 60 CYCLE, 5" VERNIER VELVET DIAL. COMPLETE WITH TUBES: 6X5, 6K7, 6J5, 6V6 & 6AB. WITH TUBES, CRYSTAL & SCHEMATIC. SIZE: 8x16 1/2 x 8 WITH LEATHER CARRYING HANDLE & REMOVABLE COVER. WT: 25 LBS PRICE: USED \$9.95

TS-385 FREQUENCY METER 376-418MC 3970 KC CRYSTAL OTHERWISE SAME AS ABOVE. PRICE: USED \$9.95 NEW \$12.95

TS-164 FREQUENCY METER CASE WITH VOLTAGE REGULATOR TUBE VR-105, TWO BALLAST TUBES & RELAY INSTALLED IN REAR COMPARTMENT WHICH IS TWO INCHES DEEP. FRONT COMPARTMENT IS 9-3/4 x 7 1/2 x 3/8. HINGED COVER WITH INNER CARTMONT FOR HOLDING CALIBRATION CHART. CAN ALSO BE USED FOR BC-221, TS-174, TS-175 ETC. WT: 15 LB

PRICE: UNUSED \$3.95

MINE DETECTOR

SCR-625 Famous ARMY MINE-DETECTOR

Less Batt. \$24.95

With Batt. \$29.95

USED CHECKED

Portable unit for detecting hidden metal objects up to 24" in depth depending on the size and ground conditions. Detection is noted by a tone signal that is fed into a headset or speaker unit that are part of the set. Good for plumbers, oil companies, miners, prospectors

BATTERY BA-38 NEW \$5.95

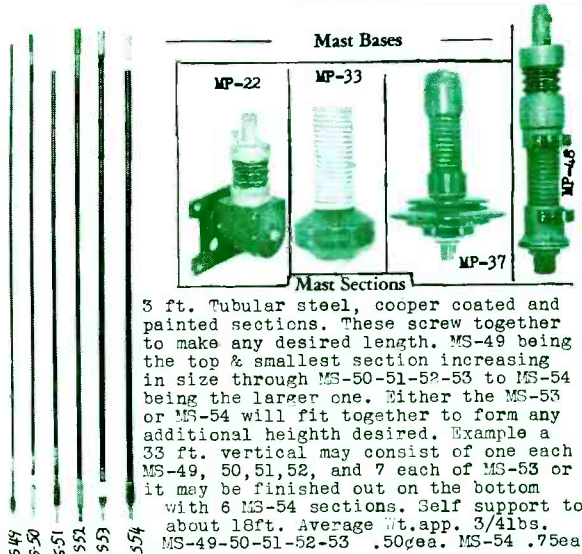
KLAXON HORN

OPERATES FROM 12 OR 24 VOLTS DC ALSO 24 VOLTS AC. GIVES A LOUD RASping NOISE THAT IS ADJUSTABLE. SAME AS USED ON AIRCRAFT LANDING GEAR. SIZE: 5x5x3 WT: 4 LBS. PRICE: \$1.50

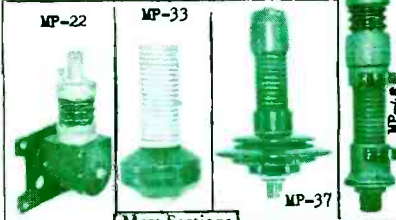
ANTENNAS

AERIAL ANTENNA WIRE

W-106A COPPERWELD #18 WIRE
SINGLE CONDUCTOR SOLID.
(COPPERWELD IS STEEL WIRE
COPPER CLAD FOR EXTRA STRENGTH)
250 FT. ON ALUMINUM
REEL MC-235. PRICE: \$1.50



Mast Bases



Mast Sections

3 ft. Tubular steel, copper coated and painted sections. These screw together to make any desired length. MS-49 being the top & smallest section increasing in size through MS-50-51-52-53 to MS-54 being the larger one. Either the MS-53 or MS-54 will fit together to form any additional height desired. Example a 33 ft. vertical may consist of one each MS-49, 50, 51, 52, and 7 each of MS-53 or it may be finished out on the bottom with 6 MS-54 sections. Self support to about 18ft. Average wt. app. 3/4lbs. MS-49-50-51-52-53 .50/ea. MS-54 .75/ea

MS-49
MS-50
MS-51
MS-52
MS-53
MS-54

Mast Bases

- MP-22** Side mount swivel mast base will tip to 90° either right or left. Has a spring snap lock in the vertical position, will take either the MS-53 or MS-54 mast sections. Size Mtg. plate 5" 6" X 10 1/2" high. Wt. 9 lbs. Price.....\$2.95
- MP-22A** Same as above except mounting hole is for the MS-51 with the MS-49, MS-50 and MS-51. This will make a 9 ft. tapered antenna. Price \$2.95
- MP-33** A heavy weight spring mast base for the MS-53 or MS-54 with 5" phenolic insulator. 10 1/2" high. Requires a 2" Mtg. hole. Wt. 8 1/2 lbs. Price \$5.95
- MP-37** Heavy coil spring with an 8" climeter ceramic insulator. Requires a 2" Mtg. hole. 12" high. Wt 10 1/2 lbs. Price.....\$5.95
- MP-48** A rugged mast base with the insulator above the spring will take the MS-53 or MS-54 mast sections. Size 3"D. X 16 1/2"H. Wt. 11 3/4 lbs. Price.....\$2.95

F M Mobile Antenna

Base & Whip

Whip Antenna 6 1/2' tubular steel copper coated consist of one each MS-117 & one MS-118 which screw to-gether to make whip, taper 3/8" to 1/8". AB-15 insulated Mast Base for holding sections, flexible rubber covered spring. Insulator size 3" x 3 1/2", mounting hole required 2". Coaxial connector at bottom.

Complete Antenna \$5.95



RC-224 PARABOLIC RADAR ANTENNA

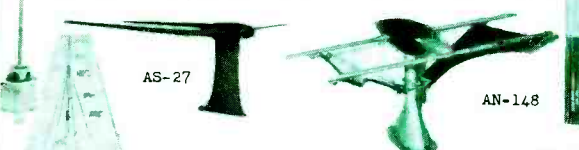
FREQUENCY 3100 TO 3400 MC
USED WITH VARIOUS TYPES RADAR SETS
OPERATES FROM 24 VDC FOR SCANNING
AZIMUTH & ELEVATION, 115 VOLT 400
CYCLE SELSYN FOR INDICATION.
REFLECTOR SIZE 29" x 18". OVERALL
SIZE 30X29X18, WT: 150 LBS.

PRICE: \$39.50

PARABOLIC REFLECTOR ONLY AS ON ABOVE ANTENNA \$3.95



- AS-150/ART Whip Antenna 30" long with 8ft. matching coax cable & SO-239 plug. \$1.50
- AS-97/ART Whip same as above except 72"rod. 1.95
- AS-27/ARN-5 Horizontal folded dipole as used with RC-103, BC-733, ARN-5 Equip. on airplanes. 108-110 MC. Used \$2.95
- AN-148 Dipole Antenna 150 to 180 MC. 2.95
- AN-104A Stub Antenna f/SCR-522 100-156MC. 1.25

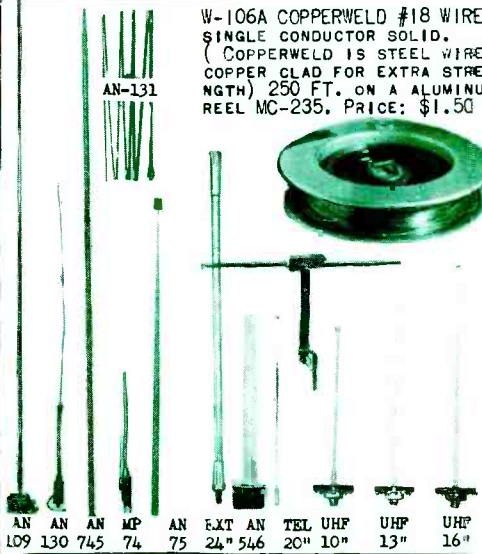


PLYWOOD ANTENNA MAST 50 FT.

MA-7A Mast for mounting antenna. Consist of 5 sections 4" tubular plywood, couplings, guy ropes, gin pole base & stakes Slipping WT. 200 lbs. \$24.95

IN-86

STRAIN INSULATOR Size 1x3 4 for \$1.



- AN-109** Whip antenna 5 FT. tapered 1/2" tol/3" mounted on bakelite base 2 1/2"x2 1/2"x1 1/2" cadmium plated. Price \$1.50
- AN-117** Whip Antenna 6 Ft. no base Tapered 5/8" to 1/8". Price \$1.50
- AN-75** Whip Antenna telescoping 84", collapsed 12", no mounting taper 5/8" to 1/16". Price \$1.00
- AN-745** Whip Antenna telescoping 3 section 94", no base or mounting. taper 5/8" tol/8". Price \$1.50
- AN-131** WHIP ANTENNA 12 FT. THROW-OUT TYPE, MTG. 3/8" 24TH. TAPER 3/8-1/8" \$1.50
- AT-35** DIPOLE ANTENNA, 200-250 MC. WITH UG-22 COAX. CONN. #2A288A-35; 2LBS. \$1.50
- AN-130** Gooseneck Whip 30" F/EC-1335, EC-1000 \$1.00
- AN-546** Saber Type 16" Plastic Base 1.00
- MP-74** Gooseneck base only 3/8" opening 1.00

- UHF Whip Antenna's with coax fitting on 3" insulated mounting.**
- 13" Rod \$1.00 10" Rod \$1.00
- 16" Rod \$1.50 18" Rod
- Chrome plated telescoping 20" no base. Price \$1.50

WHIP EXTENSION 24" 5/8" rod 1/2"x12 thread, can be screwed to-gether for longer lengths. Price \$.60 ea. 10 for \$5.00

RADAR ANTENNA

AS-18/APS-3 with 18" reflector, 24 Volt DC motor, position indicator & wave guides. Price \$19.95

GROUND PLANE ANTENNA
Ground plane antenna to cover 20 to 50 MC. Made from surplus insulated base & screw in type mast sections. Mounts on 1 to 2 inch pipe. Specify operating frequency range. \$12.95

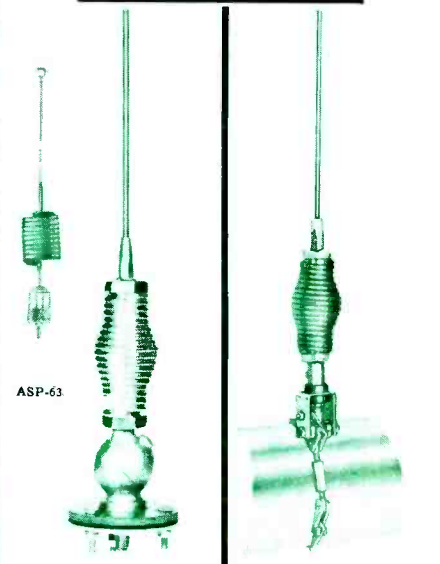
Antenna Telescoping
AN-29 for BC-659 12 FT, 10". \$2.95
AN-45 for BC-620 8 foot \$1.95

INSULATOR TERMINAL STRIP
8 feed thru insulators size 1/2 x 1, mounted on 1 x 9 terminal strip. Each strip \$.35 Four strips \$1.00

ANTENNA PHOSPHOR BRONZE #16
1 CONDUCTOR WITH 2 SNAPS & SLIDE CONNECTOR, INSULATED.
AN-24 ANT. 45 FT \$1.25
AN-22 " 20 " .65

MOBILE

COMMUNICATIONS



- ASP-63**
- M-1 \$9.95**
Standard amateur communications antenna comprised of the following parts:
M-3 Base
M-3A Spring
M-3B Whip
Weight — 4 lbs. 7 oz.
- M-2 \$12.45**
Standard amateur bumper mount antenna comprised of the following parts:
M-2A Bumper Mount
M-3A Spring
M-3B Whip
Weight — 4 lbs. 5 oz.

UNIVERSAL SWIVEL BASE

M-3 Base — Top-quality aluminum 2" diameter swivel with Bakelite mounting insulator and heavy steel back-up plate complete with water-sealing gasket and mounting hardware... Gleaming finish bolt. A 3/4"-24 female thread will accept rod or spring.



SPRING FOR MOUNTING WHIP
M-3A Spring — Specially styled heavy duty spring for 96" maximum length whip. Bend it through a 100° arc and it will not break or fail in performance. Maximum electrical conductivity assured by a center braid... 3/4"-24 male thread at one end, 3/4"-24 female on other end fits base and whip.

ASP - 63
PORTABLE ANTENNA ONE PIECE 40" LG. WITH VINYL COVERED LOADING COIL & PL-259 CONNECTOR SPECIFY COIL TURNS W/ORDER \$7.77

STAINLESS STEEL WHIP
M-3B Whip — The 96" taper ground stainless steel whip has 3/4"-24 male threaded base fitting. It can be fitted directly to either spring or base, will cut to any desired length and will bend to 90° and return to upright position without harm.

Double Chain Bumper Mount ASP. \$143

MOBILE ANTENNA PRICES

- M-1 Complete with base, spring, & 96" whip as listed below. \$9.95
- M-3 Universal swivel base. \$3.50
- M-3A Spring for mounting whip. \$3.00
- M-3B Stainless steel whip 96". \$3.50
- M-2A Chain Bumper Mounting. \$5.95
- ASP-143 Double Bumper Mount \$7.95
- M-13 Swivel Base with shielded coaxial connector 6.00
- M-4 Whip Gutter Clip 1.00

ASP-165 Coaxial Antenna cable with PL-259 connector one end used with M-13 coaxial base, 12FT. \$3.50

LM-144 Automotive coaxial cable 2.95 Push pin plug one end 12FT.

NEON LIGHTING ARRESTOR HI-POWER 4 for \$1

SMALL ANTENNA INSULATORS
Insulating material made of polystyrene
Size 1x1 1/2 Mtg. hole 3/4"
Receptacle size 3/8x24 TH.
STOCK # 223021-227
Fits ANT. AN-130, 131,
Size 7/8x1 1/2 MTG. hole 5/8"
Receptacle size 1/2 x 20 TH.
Fits any of the UHF Rods.
Stock # 223062-237
Specify type each \$7.75

RE-1/ARR 1 CONVERTER

RE-1/ARR-1 CONVERTER 234-258 MC USING 4/954 ACORN TUBES. USED WITH BC229, BC429 & RU SERIES RECEIVERS AS IT MOUNTS ON TOP INSTEAD OF COVER. CAN BE CONVERTED FOR 2, 6 & 22C MC BANDS. COMPLETE WITH TUBES SIZE: 3½ x 3½ x 12. WT: 4 LBS.

PRICE: RE-NEW \$2.95

ALTIMETER \$5.95

RT-7
APN-1

RT-7/APN-1 F.M. RECEIVER-TRANSMITTER USED IN AIRCRAFT TO INDICATE ALTITUDE ON ASSOCIATED INSTRUMENTS WHICH ARE NOT INCLUDED. COVERS F.M. FREQUENCIES 418 - 462 MC. COMPLETE WITH TUBES 3/12SJ7, 4/12SH7, 2/12H6, 2/955, 2/9004 & 1/VR-150. ALSO 24 VOLT DYNAMOTOR, FM PHASE SHIFT WOBULATOR CONNECTORS. SIZE: 8 x 18½ x 8½. WT: 25 LBS.

PPI RADAR SYNCHRONIZER OFFSET CHASSIS ASSY WITH TUBES 2/6AT6 6100, 6096, 6101, 8 CERAMIC 7 PIN SOCKETS, 5 TEST PIN JACKS, 5 PRECISION RESISTORS, CONDENSERS, TRANSFORMERS ETC. SIZE: 7½ x 5 x 3 LBS. STK# WITH 1013 TUBES \$2.95 TUBES \$5.00 & SHIELDS

BE-77 TELETYPE LINE UNIT. THIS UNIT MAKES THE NECESSARY CONNECTIONS BETWEEN A DC SOURCE, WIRE LINE CIRCUIT & TELETYPEWRITE REPEATS SIGNALS BACK & FORTH FROM THE EQUIPMENT, MEASURES AND ADJUSTS LINE VOLTAGES. COMPLETE WITH 3" BIAS METER ZERO CENTER 0-120dcy & 0-100dc ma. SIZE: 6x6x8 WT: 9 LBS. PRICE USED \$5.95

RADAR TRANSMITTER \$9.95

T-9 APQ-2

T-9/APQ-2 RADAR TRANSMITTER AM 200 - 500 MC ORIGINALLY USED IN AIRCRAFT FOR JAMMING RADIC & RADAR SIGNALS. APPROX. 6 TO 15 WATTS OUTPUT DEPENDING ON FREQ. EXCEPTIONALLY STABLE LINE OSCILLATOR EMPLOYING TWO W.E. 388 DOORKNOB TUBES IN PUSH PULL. INDEPENDENT GRID & PLATE TUNNING WITH INDICATION ON VEEDER ROOT COUNTERS. COAXIAL OUTPUT POWER MEASURING ASSY WITH ADJUSTABLE OUTPUT COUPLING & TUNNING ASSY. VOLTAGE REQUIRED 450 VDC 250 MA. & 2 TO 6 V. COMPLETE WITH TUBES 931 NOISE TUBE, 2/807, 2/6AC7, 1/6AG7, 2/388 TUBES ALSO USED BUT NOT SUPPLIED. SIZE 7½ x 10 x 19½. WT: 33 LBS.

ID-11/APS-4 INDICATOR 3" SCOPE 3FP7 & 2/6J6 TUBES.

PRICE: NEW \$4.95

ID-19/APS-3

INDICATOR RADAR 5" CATHODE RAY TUBE #5FP7 CABLES & CONTROLS NEW \$2.95

INDICATOR AMPLIFIER SCOPE APA-17

IP-94/APA-17 RADAR INDICATOR 5", AMPLIFIES AND GIVES VISUAL INDICATION OF THE RELATIVE BEARING OF RADIO & RADAR SIGNALS IN THE FREQUENCY RANGE OF 250 TO 1000 MC. WHEN USED IN CONJUNCTION WITH A RECEIVER COVERING THE SAME RANGE. MAY BE ADAPTED FOR USE ON OTHER FREQ. OR CONVERTED FOR USE AS A TEST OSCILLOSCOPE. HAS ALL CONTROLS ON FRONT PANEL ALSO HAS SEL-SYN MOTOR ATTACHED TO VARIABLE CONDENSER THAT IS USED FOR SCANNING IN SYNCHRONOUS WITH ANTENNA MOTOR. COMPLETE WITH 1/5JP2 5" CATHODE RAY TUBE, 1/6SH7, 1/6SJ7, 2/6AC7, 2/6H6, 1/6V6 & 2/2X2 HAS POWER SUPPLY FOR CR TUBE ONLY THAT OPERATES FROM 115 VOLT 400 CYCLE. SCHEMATIC FURNISHED ID-80/APA-17 WHICH IS EARLIER MODEL BUT WILL BE VERY SIMILAR. SIZE 11½ x 9½ x 24; WT: 24 LB

PRICE USED \$9.95

ID-80/APA-17 SAME AS ABOVE ONLY EARLIER MODEL AND USES ONLY ONE 2X2 TUBE. WITH SCHEMATIC.

PRICE RE-NEW \$16.95

I-166 VOLT OHMMETER

GENERAL UTILITY VOLT/OhmMETER TEST UNIT WITH 3" METER 1000 OHMS PER VOLT IN CARRING CASE WITH TEST LEADS. SCALE READINGS 0-500 A C VOLTS 0-1500 D C VOLTS 0-1 MEGOHMS 0-150 WATT AF OUTPUT 4000 OHMS 0-30 " AF " 300 SIZE: 7x6x5½ WT: 6 LBS. NEW \$16.95

RANGE COMPUTER



CP-103/APA-44A RANGE COMPUTER

PART OF A AIRCRAFT COMPUTER LANDING SYSTEM. BEAUTIFUL PIECE OF EQUIPMENT WITH A FINE GEAR TRAIN & DIAL ASSY, 2 MOTORS, 2 AUTOSYNS, 2 MICRO-POT, SLIP RINGS, RELAYS, RECTIFIER, PRECISION RESISTORS, 12 GRAIN OF WHEAT LIGHTS, 4 FOLD BACK SPIN TYPE KNOBS, APPROX. 25 SWITCHES OF ALL TYPES, WILL MAKE A FINE CABINET FOR A TRANSMITTER OR RECEIVER. SIZE: 7½ x 12 x 8. WT: 22 LBS.

PRICE: USED \$8.95

COMPUTER CONTROL



CP-949/APA-44A WITH AUTO SYN DIFF. CONNECTED TO A GEAR TRAIN DIAL, 4 WAY SW 9 DECK CERAMIC SW. 4 POS 6 GRAIN OF WHEAT LAMPS SIZE: 6 x 7½ x 5. WT: 7 PRICE: UNUSED \$3.95

INDICATOR DATA REPEATER



COMPUTER AMPLIFIER SYSTEM. UNIT CONTAINS FIVE SPERRY SYNCHRO TRANSFORMERS 1x1½ PT#662426-3 CONNECTED BY GEARS TO DIALS, FOUR AMPLIFIER CHASSIS WITH TWO 6J6 TUBES EACH, 3" NULL METER 10 x 0 - 10, CABLE & ADAPTER IN ALUMINUM CARRING CASE SIZE 17x10x10. WT: 33 LBS. STOCK # T-101023. PRICE: LIKE NEW \$14.95

COMPUTER SIMULATOR



COMPUTER-SIMULATOR SYSTEM WITH FOUR SYNCHRO RESOLVERS, DIFFERENTIALS & TRANSFORMERS, FOUR PRECISION POTS. 115 VOLT 400 CYCLE 600 RPM MOTOR, DIGIT COUNTER, DIALS, ALL TYPES OF GEARS SWITCHES, CONTROLS ETC. HOUSED IN ALUMINUM CASE WITH COVER. SIZE 14x14x12 WT: 30 LBS.

STOCK#T-101251 PRICE \$12.95

PULSE ANALYZER & SCOPE APA-11



IP-148/APA-11A PULSE ANALYZER & OSCILLOSCOPE (LATER MODEL THAN ID-59/APA-11) RADAR PULSE ANALYZER WITH REPETITION FREQUENCY OF 200 TO 6000 C.P.S. WITH EITHER A NEGATIVE OR POSITIVE PULSED SIGNAL. CALIBRATED DIALS FOR PULSE RATE & WIDTH ALSO CONTROL FOR PULSE DELAY, (½ & 100 MICROSECONDS). CAN ALSO BE USED AS A CATHODE RAY OSCILLOSCOPE. USED WITH RECEIVING EQUIPMENT APR-1, APR-4 AND SIMILAR SETS. COMPLETE WITH 1/3JP2 CATHODE RAY TUBE 3", 6/12AT7, 2/6AG7, 2/6AG5, 2/2X2 & 1/5R4. VOLTAGE REQUIRED 115 VOLT 400 CYCLE & 24 VDC. SIZE: 10 x 8 x 22. WT: 35 LBS.

PRICE USED \$14.95

T-28 APT TRANSMITTER



RADAR JAMMING TRANSMITTER COVERING THE FREQUENCY OF 140 TO 210 MC. USES TUBES 931 (NOISE TUBE) 2/832, 2/6C4, 2/5R4, 3/6AC7, & 1/6V6, 1/6X5. COMPLETE WITH TUBES, 2/24 VOLT BLOWERS, POWER SUPPLY 115 VOLT 400 TO 2600 CYCLE. OSCILLATOR AMP. PLATE, GRID PLATE & MIXER PLATE CONTROL ON FRONT PANEL. SIZE: 7x10x20 WT: 20 LBS. PRICE: Used \$19.95

STRATO-CELL



BALLOON 17 FOOT DIAMETER INFLATED, CONSTRUCTED OF PLASTIC BACK ALUMINUM FOIL APPROX. .005 THICK, SECTIONALIZED CONSTRUCTION WITH 17 SEC HEAT SEALED WITH NYLON AND TAPE REINFORCED AT TOP & BOTTOM, EACH SECTION 3' WIDE AT MID-SECTION TAPERING OFF AT TOP & BOTTOM, APPROX. 8" OPENING AT BOTTOM WITH D RINGS TIED TOGETHER WITH NYLON ROPE. SHPG. WT: 30 LBS. PRICE: UNUSED \$8.96

TEST & TUNING UNITS

TS-102/AP RANGE CALIBRATOR
USED IN TESTING RADAR SETS. CRYSTAL CONTROL PULSE GENERATOR PRODUCES A SQUARE WAVE SYNCHRONIZING PULSE APPROX. 1 MICROSECOND, PULSE RATE FREQ. SELECTION OF 400,800,1600 & 2000 CPS. AND A TRIANGULAR MARKER PULS OF .5 MICROSEC. ALSO VARIABLE PHASE & POLARITY. OPERATES FROM 115 VOLT 60 CYCLE. COMPLETE WITH TUBES, CRYSTAL, POWER CORD & COAXIAL CABLE WITH CONNECT. SIZE:17x9x10, WT: 30 LBS.
PRICE: USED \$14.95

TS-110/AP RADAR TEST ECHO BOX FOR S BAND
UNIT IS A TUNEABLE CAVITY IN THE 2400-2700 MC BAND. INPUT CIRCUITS FOR TUNED AND UNTUNED LINES WITH VARIABLE CONTROL. INDICATES RELATIVE OUTPUT ON 3", 0-20 SCALE MICROAMMETER. VERNIER TUNING DIAL AND TEST CABLES. SIZE:12x8x8 WT:13LBS. PRICE,USED \$9.95

U.H.F SIGNAL GENERATOR
360 TO 540 MC DIRECT READING ON 5" CALIBRATED DIAL WITH PROVISION FOR INTERNAL OR EXTERNAL MODULATION CONTROL. SEPARATE CONTROLS FOR CARRIER AND MODULATION. OUTPUT VARIABLE CONTROL, 0-200 MICROAMPERE METER FOR READING RF AND MODULATION OUTPUTS. OPERATES FROM 115 VOLT 60 CYCLE. SIZE:16x9x10 WT:47LBS. RCA# M1-18710 \$39.50

BC-638 FREQUENCY METER
100 TO 156 MC CRYSTAL CONTROL ON FOUR PRE-SET FREQUENCIES; VARIABLE TUNING WITH MAGIC EYE CONTROL. USED WITH SCR-522 AND OTHER SETS. OPERATES FROM 115 VOLT 60 CYCLE ALSO PROVISIONS FOR BATTERY OPERATION AND HAS SEL CONTROLLED MODULATOR. RACK PANEL MTG. 19" x7x9, WT: 35 LBS.
PRICE: USED \$12.95

1-130 SIGNAL GENERATOR
100 TO 156 MC
USED FOR TUNING SCR-522 RADIO SET, PRODUCES TONE MODULATED SIGNALS 100 TO 156 MC. 1000 CYCLE MODULATION, CRYSTAL OR M.O CONTROL, VARIABLE TUNING & OUTPUT CONTROLS VARIABLE 0-5000, OPERATES FROM 6 VDC. HOUSED IN METAL CARRING CASE 19x8x6, WT: 27 PRICE,USED WITH OUTPUT CABLE AND INPUT PLUG....\$12.95

TS-170/ARN-5 TEST OSCILLATOR
332.6 333.8 335.0 MC
BATTERY OPERATED, CRYSTAL CONTROLLED ON THREE PRESELECTED FREQUENCIES; 90 & 150 CYCLE MODULATION; USED TO ALIGN GLIDE PATH RECEIVER & DETERMINE SENSITIVITY 2", 0-1 DC MILLIAMPERE METER FOR MEASURING CIRCUITS. HOUSED IN ALUMINUM CARRING CASE 12x9x8, WT: 12 LBS.
PRICE: USED \$14.95

1-199 TEST SET
DYNAMOTOR & HAND GENERATOR TESTER USED TO CHECK EQUIPMENT UNDER LOAD CONDITIONS. INPUT VOLTAGE READINGS 0-60 VOLTS DC & 60 AMPS. D.C. OUTPUT VOLTAGES 0-1200 VOLTS D.C. & 600 MA. D.C. ALSO PERCENTAGE OF RIPPLE IN THE INPUT & OUTPUT, ALL SHOWN ON 3" RD. METER ALSO CONTROLS FOR VARIING VOLTAGE & CURRENT UNDER LOAD. SIZE:18x12x11, WT: 40 LBS.
PRICE: USED \$29.50 NEW \$39.50

1-83 DYNAMOTOR TEST SET USED FOR CHECKING 14 VOLT OR 28 VOLT DYNAMOTORS. VARIABLE INPUT & OUTPUT CONTROLS ENABLE SIMULATION OF LOAD CONDITIONS. 3" METERS FOR MEASURING INPUT & OUTPUT VOLTS 0-35 VDC & 500 VDC RESPECTIVELY. INPUT CURRENT 0-10 AMPS, OUTPUT 0-250 MA. ALS METER FOR MEASURING PERCENTAGE OF RIPPLE IN THE INPUT & OUTPUT. (THIS IS NOT A DC POWER SUPPLY ONLY A TEST UNIT) SIZE:12x12x10, WT:23 CONNECTOR, CABLE & TERMINAL STRIP.... \$2.75
PRICE: USED \$18.95

TS-67 TEST SET FOR AN/ARN-5 & BC-733/RC-103 GLIDE PATH RECEIVERS. PROVIDES MEANS FOR ALIGNMENT OF RF & IF; INDICATOR SENSITIVITY & COURSE BALANCE. OPERATES FROM 115 VOLT 60 CYCLE AND HAS A VOLTAGE REGULATED POWER SUPPLY. AUDIO OSCILLATOR HAS PUSH BUTTON CONTROL FOR 90,150 & 1000 CYCLES. RF OSCILLATOR COVERS 6.8/20.7/110 & 330 MC. HAS VARIABLE CONTROL & ATTENUATION ALSO CROSS POINT INDICATOR. SIZE:22x15x15, WT: 100 LBS.
PRICE: USED \$39.50

TS-305A/UP POWER METER
POWER OUTPUT METER FOR USE IN THE FREQUENCY RANGE OF 220-320 MC IN SIX STEPS. KILOWATT METER 3", 0-50 SCALE. WITH TUBES 1/6H6 1/6SN7 & 1/2B22. ALUMINUM CARRING CASE 12x10x12. OPERATES FROM 115 VOLT 50-1600 CYCLE. WT:23LBS.
PRICE: USED \$9.95 NEW \$12.95

TESTER ASSEMBLY T-101001
STABILIZATION TEST SET FOR AUTOMATIC PILOT. CONTAINS A 2 1/2" AC METER WITH CENTER SCALE 50-0-50 & 15-0-15, 5 POSITION METERING SWITCH FOR RANGE & 11 POSITION SWITCH FOR MEASURING VOLTAGE FROM THE EXTERNAL PIN-JACKS OR CONN. PLUG. ALSO HAS 7 TOGGLE SWITCHES, 4 LIGHTS, 2/6AL5 & 1/2C51 TUBES. IN ALUMINUM CARRING CASE. SIZE:13x11x11, WT: 22LBS.
PRICE: USED \$9.95

CAY-47150 TUNING UNIT
FREQUENCY 300-800 KC.
USED WITH THE GP-6 TRANSMITTER UNIT CONTAINS A GREAT DEAL OF USEFULL PARTS SUCH AS 3 CERAMIC VARI-COUPLER COILS, 4 CERAMIC HEAVY DUTY WAFER SWITCHES, A DUAL GEAR DIAL VERNIER DIAL 3", 4 CERAMIC SHAFT COUPLERS, CONDENSERS, RESISTORS, KNOBS ETC. SIZE:11x8x8, WT: 15 LBS.
PRICE: UNUSED \$4.95

ALTIMETER TEST SET
TS-10B APN
USED FOR CHECKING SENSITIVITY, TUNING, ANTENNA SYSTEMS, CALIBRATION AND LIMIT CALIBRATIONS OF ALTIMETERS. CONTAINS 370 FT & 70 FT 58ohm RG-54A/U COAXIAL CABLE DELAY LINES, L-101 COAXIAL ATTENUATOR, 1D-98 INDICATOR, 2/8 FT 1/20", 1/12" OF RG-8 52 OHM COAXIAL CABLE WITH PL-259 CONNECTOR EA. END AND 4/50-239 CONNECTORS. COMPLETE IN CARRING CASE 19x15x7 WT 36 (SEE PAGE 5 FOR COAXIAL CABLE & CONN. ONLY)
PRICE: USED \$15.00 UNUSED \$18.00

1-61 TEST SET FOR TRANSMISSION MEASURING
PORTABLE BATTERY OPERATED UNIT USED TO MEASURE LOSS ES OR GAINS IN CIRCUITS OR APPARATUS. AUDIO OSCILLATOR FREQUENCIES OF 500, 1000 AND 2500 CYCLES WITH LEVELS OF -40dbm, -20 dbm OR 0 dbm INTO A 600 OHM LOAD, THE RECEIVING AMPLIFIER IS CALIBRATED TO MEASURE LEVELS FROM A 600 OHM SOURCE BETWEEN -50 dbm & 15 dbm IN STEPS OF 0.5 dbm OVER THE FREQUENCY RANGE OF 100 TO 10,000 CYC THE 0 dbm IS ONE MILLIWATT IN 600 OHMS.
UNIT ALSO CONTAINS A EE-88 FIELD TELEPHONE, BATTERY OPERATED ASSY. WITH A TS-9 HANDSET. AND BE PURCHASED WITHOUT THIS ASSEMBLY. COMES IN WOOD CARRING CASE 18x10x11, WT: 47LB
PRICE: USED \$29.95 RE-NEW \$39.50
LESS TEL. ASSY " 19.95 " " 29.50

MA-1 SERVO TEST SET
USE TO TEST RADAR SERVO MECHANISM HAS 3" METER W/0-50 & 0-500 DC SCALE & 0-60 & 0-150 AC VOLT SCALE SWITCHES FOR SELECTING THE VARIOUS SCALES AND MAKING CHECKS OF CIRCUITS. CASE SIZE:11x11x8 WT: 14 LBS.
PRICE: USED \$8.95

RADAR SET DUMMY LOAD
USED AS A DUMMY LOAD ON RADAR SETS ALSO FOR MONITORING OF PULSES. HAS A LARGE COAXIAL FITTING FOR INPUT AND SO-239 COAXIAL CONNECTOR FOR MONITORING. ALSO A LARGE 115 VOLT 60 CYCLE BLOWER. SIZE: 11x13x23 WT: 46 LBS. STK#CAYW-14ACN
PRICE: USED \$14.95

TS-15A/AP FLUX METER
PORTABLE TEST SET USED FOR MEASURING FLUX DENSITY OF MAGNETS IN TERMS OF GAUSSSES. CONTAINS 3" FAN TYPE METER AND A PORTABLE PICKUP THAT TRANSFERS THE ENERGY FROM THE MAGNET TO THE TEST SET. HOUSED IN OAK CARRING CASE WITH INSTRUCTIONS. SIZE:5x10x6, 6LBS
PRICE: USED GOOD CONDITION \$22.95

COLD CYLINDER INDICATOR

COLD CYLINDER INDICATOR ASSY.
USED TO CHECK THE TEMPERATURE OF AIRCRAFT ENGINE BY A RELATIVE INDICATION ON A 3 1/2" MIC-AMP METER THAT HAS A PAIR OF TEST LEADS ONE OF WHICH IS FOR FASTENING TO THE ENGINE THE OTHER IS A FOUR SECTION PCB. THE METER SCALE IS 0-300, MOVEMENT 0-900 MICROAMP AND CONNECTED TO PROBE 0-50 MA. UNIT IS COMPLETE WITH CARRING CASE. SIZE:9x3x4; WT: 5 1/2 LBS. PRICE: USED \$5.95

TS-36/AP X BAND RADAR POWER METER; GENERAL PURPOSE TEST INSTRUMENT USED FOR CHECKING RADAR SETS IN THE X BAND. W/0-200 DC MICROAMP METER, 3" RD. BATTERY OPERATED. ALSO HAS SQUARE WAVE GUIDE ATTACHMENT SAME AS USED ON TS-35 X BAND SIG BAND SIGNAL GENERATOR. SIZE:9x7x6 WT: 9 LBS.
PRICE: LIKE NEW \$9.95

BC-611 TEST SET

1C-17 TEST EQUIPMENT USED FOR TESTING & ALIGNMENT OF REC-TRANS, TESTING CRYSTALS AND MEASUREMENT OF VOLTAGE OF BATTERIES BA-37 & BA-38. CONSISTS OF THE FOLLOWING 1-135 TEST UNIT IN CASE WITH HINGED COVER & HANDLE CONTAINS MICROPHONE, EARPHONE, MULTIRANGE 3" METER FOR CHECKING 0-3 & 0-150 VDC 0-1.5/15/60/600 MA DC & 0-60 VAC WITH MASTER SWITCH, RF & AUDIO OSCILLATOR CRYSTAL TEST & BATTERY COMPARTMENT ALSO CABLE HARNESS. CS-81 TEST CASE WHICH IS THE SAME SIZE AS THE BC-611 AND IS USED TO HOLD THE CHASSIS UNDER TEST, HAS PRESS TO TALK SWITCH AND ALIGNMENT OPENINGS. (NO MIC OR EARPHONE OPENINGS.) FT-252 TEST STAND FOR HOLDING CS-81 CASE & A-82 PHANTOM ANTENNA WHICH CONSIST OF A 3" 0-40 MA. RF METER, VARIABLE COND. & REC.-TRANS. SWITCH MOUNTED ON A BAKELITE PANEL. COMPLETE UNIT AS DESCRIBED ABOVE WITH INSTRUCTION MANUAL AND WOOD CHEST SIZE: 19 x16x9 ALL IN NEW CONDITION. SHPG. WT: 44 LBS

BC-221 FREQ. METER

THIS IS A SIMPLE, ACCURATE AND RELIABLE, CRYSTAL-CALIBRATED FREQUENCY INDICATING INSTRUMENT FOR USE IN THE 125 TO 20,000 KC. RANGE WITH A NORMAL OPERATING ACCURACY OF LESS THAN .02%. CAN ALSO BE USED AS A SIGNAL GENERATOR OR VARIABLE FREQ. OSCILLATOR COMPLETE WITH TUBES, ORIGINAL CRYSTAL & CALIBRATION BOOK. OPERATING VOLTAGE REQUIRED FOR USE WITH DRY CELLS, 6 VDC .9 AMP. & 135 VDC 20 MA. SIZE:10x13x10, 22 LBS.
PRICE: LIKE NEW, CHECKED NO MODULATION \$79.50
RA-133 AC POWER SUPPLY FOR USE WITH BC-221 FREQUENCY METERS, USED CHECKED \$24.50

MOTORS

ANTENNAS

MISCELLANEOUS

WESTINGHOUSE BUSINESS MACHINE MOTOR 25 MHP
115 VOLTS 50/60 CYCLE .5/.4 AMPS
TYPE FL 4.0/3.0 MFD. 1425/1725
RPM. SIZE: 4 1/2 x 4 x 4; WT: 5 LBS.
SHAFT 5/16 x 1 1/2 FLATENED. FOR USE
IN RUBBER SHOCK MOUNTING BRACKET
PRICE: NEW \$8.95

TELETYPE AC #58A65AA29
95A130 VOLTS 50/60 CYCLE,
1 PHASE, 1/25 HP, 2100RPM,
SERIES WD, .8 AMPS.
COMPLETE WITH FILTER ASSY,
GOVERNOR CONTROL & LIGHT.
MOTOR SIZE 5 1/2 x 5 1/2 x 5 1/2, DOUBLE
END SHAFT SIZE 3/8 x 1 1/2 &
3/8 x 3/4. TOTAL WT. 1 1/2 LBS
REMOVED FORM EQUIPMENT BUT
IN EXCELLENT CONDITION.
PRICE: \$6.95

BODINE GEAR HEAD #NYC-12
115 VOLT 60 CYCLE .2 AMP.
1 PHASE, 1800 RPM, 1/150 HP.
CONTINUOUS,
GEARHEAD, 30 TO 1 RATIO,
60 RPM, 3 IN. LBS. TORQUE.
SIZE 6 1/2 x 3 1/2 x 3, SHAFT 5/16 x 1 1/2
WT: 5 1/2 LBS.
PRICE:.. \$18.95

GENERAL ELECTRIC #5PD52EA46
115 VOLT DC .22 AMP, 5W HP
3000 RPM. RUBBER SHOCK MTG.
MOTOR SIZE 4 1/2 x 3 1/2, SHAFT SIZE
1 1/2 x 5/16, WT: 3 1/2 LBS.
STK#GEK7884274-PI \$2.95

PM MOTOR ASSEMBLY & GEAR TRAIN
USED IN R-44 RECEIVER FOR REMOTE
TUNING. CONTAINS DELCO PM MOTOR
#5069370, 10,000 RPM ATTACHED TO
A GEAR ASSY. THAT HAS TWO SHAFTS
80 RPM AND IS GEARED TO TWO
SHAFTS WITH 3" & 1 1/2" GEARS THAT
THAT TURN AT 40 & 80 RPM. ASSY
SIZE 4 1/2 x 6 x 3; SHAFT SIZES 1/2 x 3/4
WT: 3 1/2 LBS. STK.#3H3100-15
PRICE: \$4.95

P.M SAMPSEL
MOTOR WITH WORM
GEAR REDUCTION
TO 265 RPM THAT
IS COUPLED TO A
FLEXIBLE SHAFT
2 FT. LG. WHICH IN TURN CONNECTS TO A SEPARATE
WORM GEAR AND SHAFT ASSY. 13RPM ALSO HAS 3 SMALL
RELAYS AND MICRO SWITCH FOR CONTROL OF MOTOR.
OPERATES FROM 24 VDC. ASSY. SIZE: 7x3x2 1/2. WT 3
PRICE: NEW \$2.95

ELECTRIC WINDING TIMER MOTOR 6 VDC
WILL MAKE ONE REVELUTION PER HOUR
AND THEN AUTOMATICLY REWIND. SHAFT
SIZE 5/8 x 3/16 THREADED WITH A DISC
AND OFFSET 1/16 SHAFT, HOUSED IN A
BOX 3 1/2 x 3 1/2 x 3, WT: 1 LB. STK# BORG. D257764
PRICE: NEW \$1.50

AUTO CONTROL
ELECTRIC AUTOTUNE ASSEMBLY
THAT OPERATES FROM 115 VOLT
60 CYCLE, 1/100 HP CAPACITOR
TYPE MOTOR WITH AUTOMATIC
GEAR & RACHETT ASSEMBLY THAT
ENABLES YOU TO PRE-SET MOTOR
ANY 10 POSITIONS IN 360 DEG.
UNIT IS GEARED TO A TWO DECK
12 POSITION CERAMIC WAFER SWITCH THAT TERMINA-
TES INTO A PLUG-IN BOCKET. TAKE OFF OF POWER
CAN BE MADE AT BACK OF MOTOR OR CERAMIC SWITCH
MAY BE REMOVED. ADJUSTMENTS FOR STOPS ARE MADE
AT THE MOTOR AND THE CONTROL PANEL CAN BE LOC-
ATED AT A REMOTE POSITION WHERE THE MOTOR STOP
CAN BE SELECTED, PANEL ALSO HAS LIGHT DIMMER
CONTROL AND LOCAL & REMOTE POSITION SWITCH.
PART OF RDZ AUTOTUNE, COLLINS#596A RDZ#23491
SIZE: 9x4x6, WT: 7 LBS. PRICE: NEW \$7.95

MD-34/ARA-8
MODULATOR KEYING UNIT
AUTOMATIC HOMING KEYING ASSY.
THAT OPERATES FROM 24 VDC MOTOR
THAT IS CONNECTED TO A WORM GEAR
WHICH ACTUATES THE CODED WHEEL THAT INTERRUPTS
THE SIGNAL AND TRANSFERS FROM ONE ANTENNA TO
ANOTHER. ALSO HAS RELAY AND THREE SO-239 TYPE
COAX. CONN. CAN BE USED AS A REMOTE ANTENNA
CHANGE-OVER. SIZE: 3 1/2 x 10 x 4 1/2, WT: 5 LBS.
PRICE: USED..... \$1.95

**AB-52/TRC-8 HALF WAVE DIPOLE ANT-
ENNA & REFLECTOR. FREQ. RANGE 230**
TO 250 MC. 50 OHM COAX CABLE FEED;
DIPOLE 3/4" DIA. X 20" LG. W/14" LG
SUPPORT; REFLECTOR 36"x30" EACH
SIDE; FOLDS UP TO 30"x23x8";
MOUNTS TO MAST HEAD BY MEANS OF
FOR ADJUSTABLE CLAMPS TO PROVIDE
EITHER HORIZ. OR VERT. POLARIZATION
WT: 20 LBS. TAKES TWIN COAX CONN.
PRICE: \$3.95

M-320 TRIPOD STAND FOR ANTENNAS
A FOLDING METAL DEVICE FOR HOLDING
ANTENNAS. IT HAS A CENTRAL SLIDING
STEM WHICH PERMITS ADJUSTING THE ANT-
ENNA HEIGHT UP TO A MAXIMUM OF 12 FT,
WHEN COLLAPSED 6'8". RUGGED CONSTRUCT
WT: 35 LBS. PRICE: \$4.95

LINK 1509 COAXIAL TYPE ANTENNA
HALF WAVE VERTICAL WITH ADJUSTABLE
ELEMENTS 27" TO 41" TELESCOPIC,
1 SECT. DIA. 3/4" OTHER 9/16"; END
OF WHIP HAS 3/4" SOLID LUCITE SPHERE THAT IS
USED AS A RADIATOR AND SCREWS INTO A LUCITE
INSULATOR THAT IS MOUNTED ON TELESCOPIC
SKIRT THAT IS VARIABLE FROM 27 TO 42" 1 SECT.
1-7/16 DIA. OTHER 1 1/2"; USED AS A RADIATOR.
COMPLETE WITH 100 FT COAXIAL CABLE, 50 OHM.
PRICE: \$7.95

APS-4 RADAR ANTENNA 3 CM
USED WITH APS-4 RADAR SET;
OPERATES FROM 24 VDC FOR
SCANNING AZIMUTH
ALSO HAS POSITION TRANSMIT-
TER; WAVE GUIDE SIZE 7/8" X
5/8"; PARABOLIC REFLECTOR
SIZE 13" X 15". REMOVED
FROM EQUIPMENT.
WT: 22 PRICE:.. \$6.95

AS-158/APA-24 DIPOLE ANTENNA ASSY.
CONSISTS OF A PAIR OF HORIZONTAL &
VERTICAL DIPOLES MOUNTED SO THEY
CAN BE ROTATED. FREQUENCY RANGE 450
TO 750 MC. MAST 3/4" AND TWO LENGTHS
OF TWIN COAX. 4 1/2 FT. EA. SHPG. 22 LB
PRICE: \$2.95

AS-222/APA-17B ANTENNA ASSY.
50 TO 250 MC. CONSISTS OF 2
HORIZONTALLY MOUNTED ONE
QUARTER TURN LOOP ANTENNA ELE-
MENTS, TWO COAXIAL CONDUCTORS,
TUNING CIRCUIT AND A SELSYN MOTOR
MOUNTED IN THE HOUSING WHICH IS
CONNECTED TO THE TUNING CONDENSER BY A 40:1
GEAR BOX. THE RELAY CONNECTS VARIOUS INDUCT-
ANCES IN PARRALLEL TO PROVIDE FOUR TUNING
BANDS. THE ANTENNA IS CONNECTED BY A COAXIAL
SLIP RING ASSY. THROUGH THE DRIVE UNIT. THE
MOUNTING FLANGE IS 3 1/2, LOOP SIZE 16 1/2 X 13 1/2 X
11. WT: 14 LBS. SELSYN OPERATES FROM 115/400CY
RELAY 24 VDC. PRICE: USED \$7.95
CONNECTOR PLUG TO FIT ANTENNA.....\$1.50

AS-26/APR-2 ANTENNA
400 TO 1000 MC, USED
WITH R-34/APR-2 RE-
CEIVER. SIZE: 8x6, WT:
2 LBS.
PRICE: \$7.95

AT-49/APR-4 ANTENNA
300 TO 3300 MC. USED
WITH R-54/APR-4 RECE-
IVER. SIZE: 7x8, WT: 2 1/2 LB
PRICE: \$12.95

A-27 PHANTOM ANTENNA
USED WITH BC-653 & BC-191
TRANSMITTERS FOR TUNING &
LOADING WITHOUT REGULAR
ANTENNA BEING CONNECTED.
CONTAINS A 0-150 MMF. WIDE
SPACED 3/16, VARIABLE CAPACITOR, 2/12 OHM
40 WATT NON-INDUCTIVE RESISTORS, MOUNTED IN
A CASE 3 1/2 x 7 x 4 1/2 THAT HAS A POINTER KNOB AND
0-100 SCALE, ANTENNA & GND LEADS WITH COVER.
WT: PRICE: RE-NEW \$1.50

A-62 PHANTOM ANTENNA
\$1.25
USED WITH BC-604 TRANSMITTER
FOR LOADING TRANSMITTER WITHOUT
USE OF REGULAR ANTENNA. CAN BE
USED FOR ANY TRANSMITTER IN THE
21 TO 28 MC. BAND. HAS A VARI-
ABLE CAPACITOR 55 MMF., 2/RESI-
STORS, COIL SLUG TUNED, BINDING
POSTS AND INDICATOR LAMP THAT LIGHTS WHEN
TRANSMITTER IS LOADED. SIZE 3x6. WT:

ANGULAR RATE CONTROL PART
OF AUTOMATIC PILOT B-1.
CONSISTS OF 3 SEPARATE
PLUG IN GYROS NAMELY ROLL
PITCH & YAW, SIZE 4x4x5.
ALSO CONTAINS RECTIFIERS,
TRANSFORMERS, CONDENSERS,
RESISTORS, CONTROLS ETC.
STK#1JD405-G5.
PRICE: USED \$14.95 SIZE: 10x11 1/2 x 7 1/2 WT: 25 LBS.

THERMO-GRIP ELECTRIC SOLDERING
IRON MFG BY IDEAL INDUSTRIES,
MODEL 5C. OPERATES FROM 115 VOL
60 CYCLE 10 AMPS. OUTPUT OF TR
TRANSFORMER IS 3-4 VOLTS 4C, 2-
300 AMPS. PLIER ATTACHMENT IS

INTENDED TO BE USED FOR SOLDERING LUGS UP TO
150 AMPS OR COPPER PIPE UP TO 3/8". PLIER IS
12" LONG AND CABLES 52". WITH SUITABLE ATTACH
MENTS TRANSFORMER CAN BE ALSO USED FOR HEAVY
SPOT SOLDERING AND ETCHING. WT: 30 LBS.
PRICE WITH CARRING CASE \$19.95
" LESS " " " 16.95

THERMO-GRIP MIDGET SIZE SOLDERING
PLIERS IDEAL NO.12-023. THESE
PLIERS ARE ONLY 9" LONG
AND HAVE A 54" CABLE WITH
CONNECTORS AND IS INTENDED
TO BE USED WITH A 300 WATT
TRANSFORMER FOR LIGHTER
WEIGHT WORK. WT: 2 LBS.
PRICE: CABLE & PLIERS ONLY \$4.95

BC-1141 MINE DETECTOR
AMPLIFIER AS USED IN
SCR-625 MINE DETECTOR.
HAS SENSITIVE AMPLIFIER
& TONE SYSTEM THAT WAS
USED TO DETECT METALS.
OPERATES FROM 2 FLASH-
LIGHT & 93 VOLT DRY
CELLS. COMPLETE WITH
TUBES 2/1N5GT & 1/1G6GT, LESS BATTERIES.
SIZE: 14x6x5 WT: 10 LBS.
PRICE: USED \$2.95 NEW \$4.95

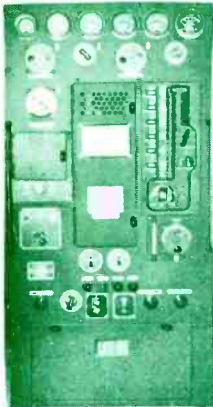
MAST ROTOR
TR-24 ANTENNA ROTATOR
GEAR CASE ASSEMBLY.
115 VOLT 60 CYCLE 1/6
HP 2 PHASE INDUCTION
TYPE MOTOR, 6RPM, 60
LB.-FT. TORQUE.
SELSYN MOTOR SIZE 5; 115 VOLT 60 CYCLE SINGLE
PHASE WITH HEAVY DUTY 6 CONTACT SLIP RING
USED FOR INDICATION AND ADJUSTABLE AZIMUTH
SCALE. WEATHER PROOF CONSTRUCTION AND DESIGN
ED FOR CONTINUOUS USE. USED GOOD CONDITION.
SIZE 24x20x20 WT: 175 LBS. PRICE \$39.50

HEATER
HEATING & VENTILATING UNIT
5000 BTU GASOLINE HEATING,
ELECTRIC GLOW PLUG STARTING,
SELF CONTAINED GAS TANK, 115
VOLT AC OR DC BLOWER, APPROX.
150 CFM, VARIABLE SPEED CON-
TROL FOR BLOWER OUTPUT. UNITS
ARE UNUSED BUT SELFWORN.
SIZE: 13 1/2 x 13 1/2 x 11 WT: 29 LBS. STK#31233
PRC PRICE: \$19.95

PERISCOPE
COATED OPTICS 1 1/2" FULL FOCUS AND
ADJUSTMENT FOR VERTICAL AND HORIZ-
ONTAL SIGHTING MARKS & LOCKING.
2 1/2" INVERTING PRISM IN SIGHTING
HEAD ALSO 1 1/2" x 5" SOLID PRISM IN
EXTENSION MOUNTING. PERISCOPE HEAD
SIZE 5x7. WT: 4 LBS. PRICE: \$8.95 #M20A-1

M4A1 PERISCOPE TELESCOPE
TELESCOPE M77C HAS COAT-
ED OPTICS & IS 5 1/2" X 1 1/2"
AND IS MOUNTED INSIDE
THE PERISCOPE WITH ADJUSTMENTS FOR ELEV. & DEF
AND HAS A 1.5 POWER. UNIT CAN BE REMOVED AND
MADE INTO A GUN SIGHT OR MICROSCOPE. THE ENTIRE
ASSY ALSO HAS TWO MIRROR TYPE PRISMS AND
LIGHT ASSY FOR ILLUMINATING SIGHT.
SIZE: 11x6 1/2 x 1 1/2 WT: 7 1/2 LBS. PRICE: \$4.95
(TYPE TELESCOPE SHOWN IN FRONT OF PERISCOPE)

TCK-7 400 WATT TRANSMITTER



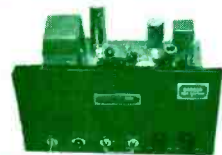
NAVY TYPE-2 TO 18 MC IN 6 BANDS, 400 WATT CW 100 WATT PHONE. VFO CONTROL ON DIRECT READING 1 KC DIVISION DIAL, 100 KC CRYSTAL CALIBRATOR. RF STAGES ARE GANG TUNED WITH DIGIT COUNTERS. SIX 3 1/2" METERS FOR READING VOLTAGE, CURRENT, OUTPUT ETC. ALSO OVERLOAD RELAYS, CIRCUIT BREAKERS AND OTHER CONTROLS. TUBE LINEUP: 2/813, PP-FINAL, 837 DRIVER, 837 VFO, AUDIO 807, 6SQ7, 6SK7, CALIBRATOR 6SK7, 6SL7, 6SJ7 & 6SN7. VOLTAGE REQUIRED: 110 VAV FOR FILA-MENTS, 1800 VDC 400MA, 500 VDC 350 MA, 150 VDC 150 MA. 12 VDC 2A & 230DC. SIZE: 52x25x18. WT. 285LB. COMPLETE WITH TUBES. MANUAL & MICROPHONE SHIPPING WEIGHT 470 LBS. PRICE NEW \$150.00



HYDROPHONE

MAGNETOSTRICTION TYPE UNIT 20 KC RESONANT FREQUENCY. THIS IS A STANDARD SECTION OF AN ASSY. AS USED IN AN/SQS-10 EQUIPMENT. (HYDROPHONE IS A TYPE MICROPHONE DESIGNED TO BE ACTUATED BY WATER BORNE SOUND WAVES AND MAGNETOSTRICTION IS THE CHANGE IN THE DIMENSIONS OF A FERROMAGNETIC OBJECT WHEN PLACED IN A MAGNETIC FIELD. SIZE: 3 1/2 x 5 x 1 1/2. WT: 3 LBS. STK#875446 Y-901

PRICE: NEW \$5.95



AUDIO AMPLIFIER ALARM

AM-1415/UNS-1 AMPLIFIER AUDIO FREQUENCY, USAF. OPERATES FROM 115 VOLT 60 CYCLE USING A PRINTED CIRCUIT FOR THE AMPLIFIER SECTION ON A 5 1/2 x 7 1/2 BOARD WITH TUBES 3/12AX7, 1/12AT7 & 1/6AQ5. POWER SUPPLY USES 5Y3 TUBE AND TRANSFORMER OUTPUT IS 540VAC @ 65MA, 6.3 CT 2.5 A., 6.3/2A & 5v/2A. INPUT IMPEDANCE IS 500 OHM, WHICH CAN BE USED FOR PHONO, CARBON OR CRYSTAL MICROPHONE OUTPUT IS CONSERVATIVELY RATED 5 WATTS. TEST SHOW 10 TO 15 WATTS, WITH GOOD RESPONSE; FRONT PANEL SIZE 7-3/4x9-3/4, CHASSIS SIZE 11 1/2x9-3/4x2 1/2. FRONT PANEL HAS ON-OFF SW, PILOT LIGHT, TWO ALARM SWITCHES ON-OFF & CALIBRATE/OPERATE, SENSITIVITY & VOLUME CONTROLS. USED AS AIR-CRAFT APPROACH ALARM SYSTEM BY ADJUSTING THE SENSITIVITY CONTROL TO THE NOISE OR SOUND LEVEL AND WHEN IS EXCEEDED IT OPERATES A RELAY WHICH CLOSSES THE CIRCUIT THAT CAN BE USED TO OPERATE A BELL, LIGHT, MOTOR ETC. BY ADDING A TONE CONTROL & PHONO JACKS THIS WILL ALSO MAKE A GOOD PA SYSTEM, PHONO AMP., OR BOOSTER AMPLIFIER. SHPG. WT: 20 LBS. PRICE: NEW \$14.95

SCR 718 ALTIMETER

BC-788AM AIRBORNE RECEIVER-TRANSMITTER PULSE SIGNAL; TRANSMITTER POWER OUTPUT APPROX 50 WATTS; FIXED FREQUENCY 440 MC. OPERATING VOLTAGE REQUIRED 115 OR 80 VOLTS 400 TO 2400 CPS. TUBE LINE-UP 3/6J6, 1/6L6, 9/6AG5, 1/5Y3. SIZE: 15 1/2 x 9 x 8 WT: 11 1/2 LBS. PRICE: UNUSED \$14.95 CONNECTOR PLUGS \$2.00EA.

I-152AM INDICATOR

USED WITH BC-788AM RECEIVER TRANSMITTER TO SHOW ALTITUDE ON A 3" CATHODE RAY TUBE 3DP1-S2 IN THOUSANDS OF FEET WITH CONTROLS FOR RECEIVER GAIN & CIRCLE SIZE. USES TUBES 3/6AG5, 1/2x2A & 3DP1-S2. OPERATES FROM SAME VOLTAGE AS BC-788AM. SIZE: 6 1/2 x 6 1/2 x 12. WT: 9 LBS. PLUG CONNECTOR \$2.00 PRICE: \$6.95



T-4 FRC 400 WATT TRANSMITTER



AIRPORT TRAFFIC CONTROL TRANSMITTER 400 WATT CW & PHONE FREQUENCY COVERAGE 2 TO 18 M.C. BY USE OF PLUG IN COILS AND CRYSTALS, ALSO MASTER OSCILLATOR. UNIT IS HOUSED IN A CABINET 12"x24"x6 1/2" AND SLIDES OUT FOR EASY SERVICING. THE 220 VAC POWER SUPPLY WITH THE UNIT SUPPLIES THE NECESSARY VOLTAGES FOR ALL THE TUBES EXCEPT THE TWO 810'S WHICH REQUIRE 1600 VDC @ 900 MA AND FILAMENTS. ALSO THE MODULATOR IS NOT INCLUDED IN BE COMPLETE WITH TUBES 2/810, 4/807, 3/6V6G, 2/866 & 2/5Y3GT. LESS AC POWER SUPPLY & MODULATOR AS DESCRIBED ABOVE WHICH ARE NOT AVAILABLE. ALL CONTROLS ARE ON FRONT PANEL WITH LOCKING NUTS. HINGED DOOR COVERS PANEL. SIZE: 12"x24"x6 1/2". WT: 330 LBS.

PRICE: USED LESS COILS \$79.50
NEW LESS COILS 99.50
NEW WITH COILS 150.00

ANTENNA UNIT



SA-22/ART-13 ANTENNA SWITCHING UNIT CONTAINING A BENDIX VACUUM RELAY LM-26G, 24 VDC, 2 POSITION CERAMIC SWITCH & 4 LARGE INSULATORS SAME AS USED ON TRANSMITTER, ALSO SO-239 COAX. CONNECTOR. SIZE: 11 x 7 x 7 WT: 10LB. PRICE: NEW \$7.95



PANEL METER ASSEMBLY AS USED ON THE ART-13 TRANS. HAS 2" 0-5 ANTENNA CURRENT METER; 2" 0-200 AND OTHER SCALE READINGS AS USED, BASIC MOVEMENT 1 MA. FULL SCALE. ALSO FIVE KNOBS WITH ROTARY SWITCHES, SPST SW, PHONE PLUG AND PILOT LIGHT. SIZE: 10x5x2 1/2. WT: 3 LBS. PRICE: USED \$4.95



ART-13 AUDIO SPEECH AMPLIFIER CONTAINS TWO 6V6GT & ONE 12SJ7 TUBES, CAN BE USED FOR CARBON OR DYNAMIC MIC. SIZE: 7x4x3 1/2. WT: 4LBS. USED STK# 2C254 PRICE \$ 5.95

ART-13 CFI-MCW, CALIBRATION FREQUENCY INDICATOR & MCW OSCILLATOR ASSY. USED TO PROVIDE A CONSTANT CRYSTAL CONTROLLED STANDARD OF 50 KC IN ORDER THAT A FREQ. CAN BE CHECKED, ALSO PROVIDES A 1000 TONE. COMPLETE WITH 200 KC CRYSTAL & 3 TUBES. SIZE: 6x5x3 1/2. WT: 3LBS. USED \$6.95

ART-13 KEYING RELAY & VACUUM SWITCH. 3 CONT. SPST NORMALLY OPEN 1 " SPST " CLOSED VACUUM SWITCH 2 SPDT & 1 SPDT OPERATING VOLTAGE 28 VDC 2 COILS EA. 27 OHMS SERIES SIZE: 4x3x5; WT: 2LBS. STK# 27595-7 PRICE: USED \$7.95 NEW \$12.95 SPERTI VACUUM SWITCH AS USED IN ART-13 TRANS. KEYING RELAY DESCRIBED ABOVE. STK#329874-4 \$1.50



AIRPORT MARKER BEACON 75MC TRANSMITTER RECEIVER



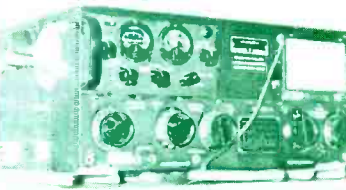
CDE-52326 NAVY MODEL MARKER BEACON TRANSMITTER PORTABLE UNIT THAT OPERATES FROM 115 VOLT 60 CYC WHICH TRANSMITTS A KEYED OR A CONTINUOUSLY MODULATED SIGNAL VERTICALLY IN A BALLON-SHAPED PATT ERN ON 75 MC. USED AT AIRPORT LANDING FIELDS RUN WAYS IN CONJUNCTION WITH MARKER BEACON RECEIVERS THAT ARE INSTALLED IN THE PLANE THUS ENABLING THE PILOT TO KNOW WHEN HE IS OVER THE RUNWAY. (IN CONJUNCTION WITH HIS OTHER INSTRUMENTS.) WATTAGE OUTPUT (1) ONE WATT, MASTER OSCILLATOR & MODULATED CW, 400 CPS, 1300 CPS, 3000 CPS. TUBE LINEUP 4/6V6, 2/6SN7, 1/6SR7, 1/6S, 2/VRI 50-30 & 1/5Y3. COMPLETE WITH TUBES & DIPOLE ANTENNA & OPERATING MANUAL. SIZE: 17 1/2 x 10 x 11. WT: 35 LBS.

PRICE UNUSED \$29.95

BC-1033 MARKER BEACON RECEIVER 75 MC. USED TO RECEIVE SIGNALS FROM ABOVE TRANSMITTER. WHEN SIGNAL IS RECEIVED IT OPERATES A RELAY IN THE RECEIVER WHICH IN TURN CAN BE USED TO OPERATE SIGNALS, LIGHTS, MOTORS, TURN ON EQUIPMENT ETC. VOLTAGE REQUIRED 24 VOLTS DC. COMPLETE WITH TUBES 1/12SN7, 1/6SN7 & 1/6SL7. SIZE: 3x5 1/2x5 1/2. WT: 3 LBS.

PRICE: USED \$3.95

ART-13 TRANSMITTER




100 WATT AIRCRAFT AUTO-TUNE TRANSMITTER MAKES A VERY SAT ISFACTORY AMATEUR UNIT FOR 80, 40, 20 AND 10 METERS. THE AUTOTUNE FEATURE PERMITS YOU TO PRESET THE FREQUENCY DESIRED ON ANY 10 PRESELECTED CHANNELS. (FOR CONVERSION INSTRUCTIONS SEE MANUALS #2 & #3 \$2.50 EA.) TUBE LINEUP 1/837, 1/813, 2/1625, 1/12SJ7, 2/6V6, 2/811, 2/12SL7 & 1/12SA7. VOLTAGE REQUIRED 28 VDC 10 AMP, 400 VDC 225 MA & 1250 VDC 250 MA. SIZE 23 1/2 x 16 x 11 1/2. WT. 70 LBS. PRICE: USED WITH TUBES \$49.50 LESS TUBES \$30.00 CONNECTOR PLUGS FOR TRANS. U/7 & U/8 \$2.50 EACH.

DYNAMOTOR FOR ART-13 WITH FILTERS & RELAYS 28 VDC INPUT. PRICE: USED \$12.95 NEW 15.95 CONNECTOR PLUGS FOR DYNAMOTOR U-9 OR U-10 EACH \$2.50 CU-24/ART-13 ANTENNA SHUNT CAPACITOR CONSISTS OF 3 CAPACITORS 25 MMF 10 KV PRICE NEW \$3.95 USED \$1.95

O-17/ART-13 LOW FREQUENCY OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 TUBE. ALL OPERATING VOLTAGES ARE OBTAINED FROM THE TRANS. POWER SUPPLY. SIZE: 5 1/2x5 1/2x9; WT: 4 LBS. USED \$7.95


GYRO VERTICAL CONTROL ASSEMBLY TYPE 314625; OPERATES FROM 115 VOLT 400 CYCLE 3 PHASE. WILL OPERATE FROM APPROX. 50 VOLTS 60 CYCLE WITH A 20 MFD. CAPACITOR IN THE CIRCUIT. THIS IS A PRECISION UNIT THAT WAS USED IN AIRCRAFT TO CONTROL CHANGES IN ATTITUDE ABOUT PITCH AND ROLL AXES OF AN AIRBORNE VEHICLE. SENSITIVITY IS OBTAINED BY MOUNTING THE GYRO WITH THE SPIN AXIS VERTICAL. THE ELECTRICAL CHANGES ARE THEN FEED TO THE STABILIZING EQUIPMENT. SIZE 5 1/2x7; WT: 8LBS. USED \$3.95





Sorensen
NOBATRON
LOW-VOLTAGE SUPPLIES

INPUT: 105 - 125 VAC 50-60 CYCLE SINGLE PHASE
OUTPUT: 25 - 30.8 VDC @ 0 TO 30 AMPS.
REGULATION: 0.2% RIPPLE: 1% COMPLETE IN
STANDARD RACK WITH VOLTMETER & AMMETER AS
ILLUSTRATED. SIZE: 22x14x15 & 22x21x15.
TOTAL WT: 200 LBS. SORENSON# E-28-30
PRICE: USED EXCELLENT CONDITION \$150.00



DC POWER PACK 12 VOLTS 5 AMP.
INPUT 115 VOLTS 60 CYCLE
LESS 0.3% RIPPLE AT 3.75 AMP.
NEWLY MANUFACTURED, RUGGED
CONSTRUCTION, PORTABLE UNIT,
IDEAL FOR TRANSISTOR DC USE,
TESTING & OPERATING SURPLUS EQUIPMENT, MOTORS
DYNAMOTORS ETC AS LONG AS THE CURRENT DRAIN
OF THE UNIT BEING TESTED DOES NOT EXCEED THE
5 AMP RATING OF THIS POWER PACK.
STK# 305120C. SIZE: 5 1/2 x 4 1/2 x 10 1/2; WT: 10 LBS.
PRICE: \$24.95

RA-34 POWER SUPPLY

USED WITH BC-191 TRANSMITTER
SUPPLIES ALL THE NECESSARY
VOLTAGES FOR OPERATION.
INPUT: 115/230 VOLTS 50/60 CYCLE
OUTPUT: 1000 VDC 350 MA. WITH CIRCUIT
12 VAC 14.5 AMPS. BREAKERS & METER
12 VDC 2.4 " CABLE WITH PLUGS

SIZE: 18x16x14; WT: 150 LBS.
PRICE: USED, CHECKED \$79.50

PP-70/TRC-6 POWER SUPPLY
VOLTAGE REGULATED UNIT FOR
RACK PANEL MOUNTING THAT
OPERATES FROM 115 VOLTS 50
TO 60 CYCLE AND SUPPLIES
350 VDC @ 160 MA. OR 300 VDC
220 MA. WITH TUBES 1/5R4, 8/6L6, 1/VR-150 & 1/
6SL7. SIZE: 19x9x8-3/4. WT: 55 LBS.
PP-71/TRC-6 POWER SUPPLY, VOLTAGE REGULATED
-1500 VDC 45MA. WITH 2/3824, 3/807, 1/6SL7, 1/
VR-150 TUBES & SCHEMATIC. EXCEL. COND. \$22.95

AC POWER PACK

PORTABLE VIBRATOR TYPE POWER
PACK DESIGNED TO OPERATE FROM
DIRECT CONNECTION TO 6 OR 12
VOLT D.C. BATTERY AND SUPPLY 110 VOLT 60 CYCLE
15 OR 50 WATTS WITH EXCELLENT REGULATION FOR
OPERATING AC DEVICES SUCH AS RADIOS, RECORDERS,
APPL. MOTORS ETC. WHERE THE AC WATTAGE REQUIRE-
MENT OF THE DEVICE DOES NOT EXCEED THE WATTAGE
OUTPUT OF THE POWER PACK. HAS FUSED LINE
AC RECEPTACLE AND 6 FT. BATTERY CABLE WITH
CLIPS. SIZE: 10x9x8; WT: 29 LBS.
STK# PP-68B PRICE: USED \$14.95 RE-NEW \$19.95

AC POWER PACK

NEWLY MANUFACTURED PORTABLE UNIT
THAT OPERATES FROM 12 VOLTS D.C.
AND SUPPLIES 115 VOLTS 60 CYCLE
120 WATTS. TRANSISTOR TYPE UNIT WITH A.C.
RECEPTACLE AND TERMINALS FOR CONNECTING 12
VDC. CAN BE USED TO OPERATE ANY AC DEVICE
PROVIDING THE WATTAGE REQUIREMENT DOES NOT
EXCEED 120 WATTS. SIZE: 6x4x5; WT: 6 LBS.
STK# RAE12/110 PRICE: \$34.95

TELETYPE RECTIFIER

INPUT: 115/230 VAC 60 CYC;
OUTPUT 115 VDC .04 AMP.
RACK PANEL MOUNTING. 19"x5" USED WITH TG-31
TELETYPE REPEATER. STK# 3H4956-13 WT: 32 LBS.
PRICE: NEW \$7.95

400 C SUPPLIES

RA-88 POWER SUPPLY; INPUT 115 VOLT
400 CYCLE, SINGLE PHASE; OUTPUT, 450
VDC 80 MA. 375 VDC 2 MA, 300 VDC 400
MA. COMPLETE WITH TUBES 2/VR-150, 3/
5T4, 3/6L6, 1/6SL7 & 1/6SN7. USED WITH
SCR-717 RADAR SET. SIZE: 5 1/2 x 8 x 20 1/2
PRICE: NEW \$12.95

PP-580/APA-17 POWER SUPPLY; INPUT
115 VOLT 400 CYCLE SINGLE PHASE, OUT-
PUT 500 VDC 85 MA, 27.5 MA, ALSO 400
CYCLE VOLTAGES OF 26, 80, 115 & 200.
WITH TUBE 5R4. SIZE: 5 1/2 x 8 x 20 1/2
PRICE: USED \$4.95 UNUSED \$6.95

**FAMOUS BC-645
TRANSCIEVER**



ARMY & NAVY TRANSPONDER RECEIVER-TRANSMITTER
USED FOR IDENTIFICATION, FRIEND OR FOE, IN
AIRCRAFT FOR USE IN THE 460 TO 490 MC BAND.
COMPLETE WITH 15 TUBES; 4/7F7, 4/7H7, 2/7E6, 2/
6F6, 2/955 & 1/WE-316. LIGHTWEIGHT COMPACT SET
SIZE: 6 1/2 x 11 x 14; 18 1/2 LBS.
THOUSANDS OF THESE SETS HAVE BEEN CONVERTED
FOR USE IN THE HAM BAND OF 420 TO 450 MOBILE
& FIXED 450 TO 460; CITIZEN BAND OF 460-470
& TELEVISION EXPERIMENTAL 470 TO 500.
BC-645/ABA-1 RECEIVER-TRANSMITTER NEW \$19.95
MOUNTING FOR " " " 1.50
PE-101C DYNAMOTOR; INPUT 13 OR 26 VDC, 12.6/6.
3 AMPS. OUTPUT: 400 VDC 135 MA. 800
VDC 20 MA. & 9 VOLTS 80 CYCLE, 1 1/2 A.
SIZE: 14x7x5, WT: 12 LBS. NEW \$7.95

BC-646 CONTROL BOX 1.00
MOUNTING FOR DYNAMOTOR 2.95
UHF ANTENNA ASSEMBLIES 2 PER SET 2.95
PLUGS COMPLETE SET OF 11 CONNECTORS 5.95

COMPLETE SET PRICE

COMPLETE SET OF ALL THE ITEMS DESCRIBED
ABOVE WHICH ARE ALL BRAND NEW IN ORIGINAL
BOXES. F.O.B LIMA \$32.95 F.O.B UTAH \$29.95
TRANSMITTER-RECEIVER, DYNAMOTOR, CONTROL BOX,
AND MOUNTING SHIPPED FROM UTAH.
ANTENNA'S AND PLUGS, SHIPPED FROM LIMA.


OSCILLATOR

BC-1096 R.F. OSCILLATOR USED
IN SCR-584 RADAR SET. FREQ.
COVERAGE 2680 TO 3300 MC IN
ONE BAND, ONE CHANNEL.
OPERATES FROM 115 VOLT 60
CYCLE, VOLTAGE REGULATED POWER SUPPLY, TRANS-
FORMER OUTPUT 500 V., 100 MA, 300 V., 3 MA, 2/5
V., 3 A. & 6.3 V., 1.5 A. USES TUBES 2/5U4, 4/
VR-105 AND 417A KLYSTRON. RACK PANEL MOUNTING
19"x9x13. WT: 40 LBS. RECONDITIONED.
PRICE: LESS TUBES \$12.95 WITH TUBES \$18.95

RM 29 CONTROL


REMOTE CONTROL UNIT USED
FOR CONTROL OF RECEIVER &
TRANSMITTER OR OVER TELEPH-
ONE LINES WHEN TWO OR MORE
ARE CONNECTED TOGETHER BY
WIRE AND WILL OPERATE UP TO
15 MILES. REQUIRES 4 1/2 VOLT
DRY CELL FOR OPERATION.
HAS MAGNETO GENERATOR FOR
RINGING. PATCH CORDS WITH PL-68 & PL-55 PLUGS
SIZE: 9x6x5; WT: RM-29 14 LBS. W/HANDSET 16 LBS
PRICES; RM-29 REMOTE CONTROL UNIT ONLY \$6.50
RM-29 WITH HANDSET \$9.50
\$9.95 RM-29 W/HANDSET & HOLDER NOT MOUNTED

**GAS ENGINE
GENERATOR**




COMPACT, LIGHTWEIGHT, POR-
TABLE ELECTRIC GENERATING
SET CONSISTING OF A 1 HP,
3000 RPM 1 CYLINDER, AIR
COOLED, 2 CYCLE, MANUAL ROPE STARTING GASOL-
INE ENGINE DIRECTLY CONNECTED TO A DC, SHUNT
WOUND, SELF EXCITED, FOUR POLE GENERATOR CON-
TAINED IN A FRAME OF TUBULAR CONSTRUCTION
MOUNTED ON A RUBBER SHOCK MOUNTING. GENER-
ATOR OUTPUT IS 6.2/7 VDC 3.5 AMP. AND 500 VDC
230/250 MA. UNIT HAS JUNCTION BOX FOR CONN-
ECTING CABLES FOR USE WITH USE WITH RADIO SETS
SCR-694/BC-1306, AN/GRC-9/RT-77 AND IS APPLI-
CABLE TO OTHER EQUIPMENT. COMPLETE WITH TOOLS
AND INSTRUCTION BOOK. SIZE: 17 1/2 x 16 1/2 x 11 WT: 57 1/2
SHPG. WT: 125 LBS. PRICE: NEW \$34.50

GUN SIGHT GYRO UNIT



USED IN THE MK-18 GUN SIGHT
AND CONTAINS TWO AUTOSYN
TYPE MOTORS THAT ARE CONN-
ECTED BY A SPRING BELT, ON
ONE OF THE UNITS IS MOUNTED
1 1/2" MIRROR AND ON THE GYRO IS A FREE PIVOT-
ING 2 1/2" MIRROR. USED 3 1/2 x 3 1/2 x 5; WT: 3 LBS. \$1.00

**NEW
COAXIAL CABLE**



NEW MANUFACTURE AND BRANDED WITH STANDARD
TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-
BETWEEN LENGTHS USE THE HIGHER PRICE.
LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

	100	500	1000	5000
	FEET	FEET	FEET	FEET
RG-8/U	52 OHM	.10	.09	.08
RG-11/U	75 "	.09	.08	.07
RG-58/U	53 1/2 "	.04	.04	.03
RG-59/U	73 "	.04	.04	.03

PRICES ARE PER FOOT

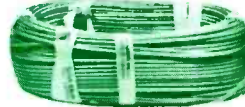
NEW COAXIAL CONNECTORS



S0-239	PL-259	M-359	PL-253 JUNCTION
\$.45 EA.	\$.45 EA.	\$.25	\$.89
10 OR MORE	10 OR MORE	10 OR MORE	10 OR MORE
\$.39 EA.	\$.39 EA.	\$.20	\$.80

TYPES MAYBE ASSORTED TO OBTAIN THE LOW PRICE

**Coaxial Cable
FOR LESS THAN
3c Per Foot!**



RG-54 A/U CABLE-

DESIGNED FOR LONG LIFE & CONSTANT ATTENUATION
58 OHMS, .250 OD. WITH POLYETHYLENE JACKET.


370 FOOT ROLL \$10.95 70 FOOT ROLL \$ 1.95
LESS THAN SPECIFIED LENGTHS .03 PER FOOT

COAX CABLE ASSY

TYPE	OHMS	LENGTH	CONNECTOR	STOCK#	PRICE
RG-8/U	52	15 1/2 FT.	2/PL-259	CG-107	\$1.25
RG-8/U	52	30 FT.	2/UG-21	CG-55	2.25
RG-11/U	75	32 INCH	2/UG-21	CG-1259	.35
RG-11/U	75	21 FT.	1/PL-259	CG-876	1.25
RG-21/U	53	10 FT.	UG-21/22	CG-780S	.75
RG-22/U	95	40 FT.	1/PL-284	CG-879	1.50
RG-22/U	95	46 1/2 FT.	1/PL-284	CG-878	1.75
RG-22/U	95	50 FT.	1/PL-284	CG-877	1.95
RG-26/U	48	30 FT.	2/UG-34	3E4392-	4.95

ATTENUATOR

IMPEDANCE MATCHING ASSEMBLY WITH 52 OHM CABLE
20" LONG, PL-259 CONNECTORS
EACH END AND ATTENUATOR WITH
3" SLIDING ADJUSTMENT AND FEED
THRU CONNECTORS EACH END.
ATTENUATION 30 DB TO 100 DB
30 TO 450 MC. STOCK# 2Z396-7
PRICE: USED \$1.25 UNUSED \$1.95




DRONE RECEIVER



FREQUENCY RANGE OF 57 TO 76 MC.
WITH CHOICE OF FIVE DIFFERENT
TONE CIRCUITS THAT OPERATE FIVE
SERVO CIRCUITS WHICH ARE CONTROL-
LED BY SEALED MICRO-RELAYS IN
INDIVIDUAL LC CIRCUITS. TONE
FREQ. 300, 650, 955, 1390 & 1250.
COMPLETE WITH TUBES 1/12AU7, 2/6AK6, 1/0A2, 2BVDC
VIBRATOR SUPPLY. PHOTO SHOWS SEALED COVER REMO-
VED. SIZE: 5 1/2 x 8. WT: 6 LBS.
PRICE: UNUSED \$9.95
CONNECTOR PLUGS TO FIT UNIT, 4 REQ. EA. \$1.50

MODULATOR



MD-16/TPS-3 MODULATOR FOR
TPS-3 RADAR SET. P3E EMIS-
SION, RESONANT CHARGING
SYSTEM & TYPE E LINE WHICH
IS DISCHARGED THROUGH
SPARK GAP AND PULSE TRANS-
FORMER. 8 KV OUTPUT, 500
OHM IMPEDANCE, PULSES 200
PER SECOND, 1/2 SECOND DUR
ATION, WITH TUBES 2/705 & 1/1B32/532. OPERATE
115 VOLTS 60 CYCLE AND WAS USED WITH APPROX.
600 MC RADAR SET. SIZE: 12 1/2 x 14 1/2 x 11
SHPG. WT: 125 LBS. PRICE: NEW... \$14.95



CODE PRACTICE SET

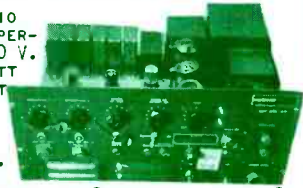
AN/GG-1 CODE PRACTICE EQUIPMENT THAT ENABLES THE INSTRUCTOR AND 5 STUDENTS SEND AND RECEIVE CODE BY TRANSMITTING TO ONE ANOTHER THRU THE MAGNETIC SPEAKER OSCILLATOR. UNIT CONSISTS OF A CODE OSCILLATOR ASSY. USING ONE 117P7GT TUBE, SPEAKER & KEY THAT OPERATES FROM 110 VOLTS AC-DC, FIVE J-38 KEYS, 5 LENGTH WIRE FOR CONNECTING KEYS TO OSCILLATOR, 2 SPARE TUBES, MANUAL AND WOOD CHEST FOR CARRYING. UNIT ALSO HAS VARIABLE PITCH & VOL. CONT AS ASSY WILL BE SHIPPED IN ORIGINAL GOV'T. PACKING THE OSCILLATOR UNITS MAY BE BLACK OR NATURAL COLOR AND NO SELECTION CAN BE MADE. WOOD CARRING CASE SIZE 10 $\frac{1}{2}$ x8 $\frac{1}{2}$ x8 SHPG. WT: 26 PRICE: NEW \$19.95



TG-10 KEYER IS A AUTOMATIC UNIT FOR PROVIDING AUDIBLE CODE PRACTICE SIGNALS FROM AN INKED TAPE RECORDING. THE OUTPUT OF THE KEYER IS AN AUDIO FREQ. NOTE OF 800 CYCLES PER SEC. WITH SUFFICIENT POWER TO SUPPLY A NUMBER OF HEADSETS OR PRACTICE TABLES DIRECT CAN ALSO BE USED AS A TELEGRAPH KEY AMPLIFIER OR TAPE PULLER FOR A RECORDER. OPERATES FROM 115 VOLT 60 CYCLE. COMPLETE WITH TUBES; 2/6N7 2/6L6, 2/6SJ7, 1/5U4 & 1/923. SIZE: 24x11x18 $\frac{1}{2}$ WT: 63 LBS. PRICE: USED CHECKED \$19.95 NOT CHECKED \$14.95

AMPLIFIER

AM-20/TIQ-2 AUDIO AMPLIFIER THAT OPERATES FROM 115/230 V. 60 CYCLE, 150 WATT WITH POWER OUTPUT 20 WATTS AT LESS THAN 5% DISTORTION, FREQ. RANGE 50 TO 10,000 CYC. MAX. VARIATION 3 DB. EIGHT INPUT CHANNELS 2 HIGH IMP. MIC., 2 LOW IMP. MIC. WITH SEPARATE CONTROLS; CARBON MIC. INPUT 100 OHMS, RADIO LINE INPUT 100 OHM SEPARATE CONTROLS, PHONE OR LINE INPUT 100 " WITH " " ALSO TONE CONTROL, BASS --- TREBLE; VARI-TAPPED OUTPUT TRANSFORMER WITH 250, 125, 60, 30 AND 6 FOR MATCHING SPEAKER; SIX TUBES 3/6SL7, 2/6L6 & 1/5U4.; RACK PANEL MTG., MONITORING JACK AND BLOWER. SIZE: 19x9x13; WT: 50 LBS.



PRICE: USED NOT CHECKED \$29.95
PRICE: USED CHECKED/OPERATION \$34.95

WIRE RECORDER

RD-15A/ANQ-1A
C-260A/ANQ-1A
MX-303A/ANQ-1A



WIRE RECORDER 3" DIA. REEL 0.006 DIA. WIRE, ONE INPUT CHANNEL, 600 OHMS IMPEDANCE; 290 RPM RECORDING SPEED; 300 TO 3500 CYC. PER SEC. FREQUENCY RESPONSE, OPERATES FROM 26.5 VOLTS D.C WITH TUBE 28D7, MAGAZINE MX303A/ANQ-1 WITH WIRE FOR 60 MIN. & C-260A/ANQ-1A CONTROL BOX. USED IN AIRCRAFT FOR RECORDING MESSAGES. SIZE: 10 $\frac{1}{2}$ x6x8, CONT. 3x6x2 $\frac{1}{2}$. WT: 15 LBS. PRICE: USED EXCELLENT, \$14.95
CONNECTOR PLUGS THREE REQUIRED...EACH...\$1.50

PANORAMIC RECEIVER



R-61/ARQ-5 DOUBLE SUPERHET RODNEY RECEIVER WITH MOTOR DRIVER CAPACITOR TUNING FOR SCANNING AM, FM, CW & WB VIDEO SIGNALS IN THE 18 TO 50 & 48 TO 80 MC BAND ON A 5CP1 CATHODE RAY TUBE THAT IS CALIBRATED AS TO FREQ. PRESENTATION IN THE LOW & HIGH BAND. SELECTION OF BAND TO BE VIEWED, SELECTIVITY & CLIBRATION ARE ALL ON THE FRONT PANEL. SET IS OF UNITIZED CONSTRUCTION AND IS COMPLETE WITH 20 TUBES: 4/6AG5 2/9002 2/12SK7, ONE EACH 5Y3, 2X2, VR-90, 9Z7, 12SA7, 12SA7, 12H6, 12SQ7, 12SH7, 6SN7, 2050 & 5CP1. OPERATING VOLTAGE REQUIRED 80-115 VOLTS 400-2600 CYCLES 120 WATTS & 28 VDC WITH OPERATING MANUAL & SCHEMATIC. SIZE: 10 $\frac{1}{2}$ x8x22. WT. 51 LBS. PRICE, NEW...\$49.50

F-56 FAIRCHILD AIRCRAFT CAMERA

DESIGNED AS A RECORD-TYPE, QUICKWIND, AUTOMATIC CAMERA WHICH IS EQUALLY ADAPTABLE TO OBLIQUE SPOTTING & VERTICAL MAPPING. IT CAN BE OPERATED MANUALLY OR ELECTRICALLY 24 VOLT DC. FOCAL LENGTH 20", SHUTTER SPEEDS 1/35, 1/50, 1/100 & 1/150 DIAPHRAGM STOPS 5.6, 8, 11, 16, & 22. THE MAGAZINE USES UP TO 125 FT OF FILM 7" WIDE AND WILL GIVE APPROX. 200 NEGATIVES, 6-5/8"x7". DETACHABLE FILTERS ARE PROVIDED ALSO SPARE REELS, INTERVALMETER FOR AUTOMATIC OPERATION & CABLES FOR ELECTRIC OPERATION. WITH MANUAL
NEW AND COMPLETE IN TRUNK \$129.50

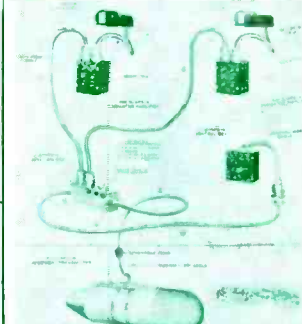
TAPE PULLER

FOR USE WITH INK RECORDERS SUCH AS BC-1016 TO DRAW THE BLANK TAPE THROUGH THE RECORDING MECHANISM OR OVER A TAPE BRIDGE FOR SIGHT TRANSCRIPTION. OPERATES FROM 115 VOLT 60 CYCLE. SIZE: 12x8x12 WT: 24 LBS. PRICE: NEW \$12.95



SONOBOUY

TRANSMITTER WITH PARACHUTE USED TO DROP FROM AIRCRAFT IN ORDER TO MARK LOCATIONS. SENDS MCW SIGNAL 70-90 MC BATT. OPERATED WITH TUBES 3/1L4, 4/3C4 & 1/3A4. WHEN UNIT IS DROPPED 6" RAYON PARACHUTE OPENS, WEIGHT ON BOTTOM OF SET IS LOWERED BY A SPINNER TYPE REEL & NYLON LINE THAT TURNS A PROPELLER STABILIZER AND CONTROLS THE RATE OF FALL. UNIT ALSO HAS A 40" FLEXIBLE WHIP ANTENNA AT THE TOP & A COIL TYPE DIPOLE ON THE BOTTOM. IN WATERPROOF CONTAINER 50" LGx7" DIA. WT 30 LBS. STK# AN/CRT-4 PRICE: \$18.95



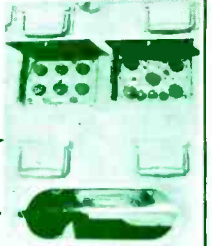
APS-4 RADAR SET 3 CM

AIRBORNE RADAR SEARCH INTERCEPTION EQUIPMENT WITH FOLLOWING ANGULAR COVERAGE, 75 DEGREE AZIMUTH, ELEVATION 30 TO 10 DEGREES, ELEVATION INTERCEPT 30 TO 30 DEGREES. CONSISTS OF RT-5 RECEIVER-TRANSMITTER & ANTENNA, JUNCTION BOX, CONTROL BOX, TWO AM-5 AMPLIFIERS, TWO 10-11 INDICATORS & TUBES 2/723, 2/1B22, 4/3B24, 3/5U4, 30 6J6, 1/6AK5, 4/6SL7, 2/724, 1/725, 1/807, 1/VR-105 & 4/VR-150. COMPLETE AS SHOWN ABOVE WITH THE EXCEPTION OF THE CIRCLED CABLES 1, 2, 3 & 4 WHICH ARE USUALLY INSTALLED IN THE AIRCRAFT. OPERATES FROM 115 VOLT 800 CYCLE AND 24 VDC. SPHG. WT: 350 LBS. USED \$99.50 UNUSED \$149.50
COMPLETE SET OF CONNECTOR PLUGS FOR APS-4 INCLUDING DETACH PLUG & CABLE \$14.95
COMPLETE SET OF CABLES & CONNECTORS \$50.00
INVERTER 800-1D FOR OPERATING APS-4 RADAR SET ABOVE, INPUT 24 VDC OUTPUT 115 VOLT 800 CYCLE PRICE: USED \$9.95 NEW \$14.95

RECEIVER-TRANSMITTER BC-966 IFF SET USED IN AIRCRAFT FOR FOE OR FRIEND IDENTIFICATION IN THE FREQUENCY RANGE OF 160 TO 211 MC. PULSE OPERATION. CONTAINS 13 TUBES, 3/6H6, 3/7193 & 7/6SH7 ALSO 18 VOLT DYNAMOTOR WITH BLOWER & GEAR TRAIN, VOLTAGE REGULATOR RELAYS, CONDENSERS, RESISTORS ETC. NO CONVERSION OR SCHEMATICS AVAILABLE. "AS IS" SIZE: 12 $\frac{1}{2}$ x12x8 WT: 40 LBS. PRICE: USED \$3.95

RADIOSONDE RECEIVER

BC-1364 RECEIVER-INDICATOR USED WITH TRANSPORTABLE RADIO DIRECTION FINDER SET TO TRACK A BALLOON-BORNE RADIOSONDE. SET PROVIDES A CONTINUOUS INDICATION OF THE AZIMUTH AND ELEVATION ANGLE OF THE RADIOSONDE ALSO AMPLIFIES, DEMODULATES THE RADIOSONDE FM SIGNALS FROM WHICH TEMPERATURE, RELATIVE HUMIDITY AND ATMOSPHERIC PRESSURE ARE COMPUTED. WIND SPEED AND DIRECTION ARE DETERMINED BY PLOTTING THE AZIMUTH & ELEVATION ANGLES WITH THE ALTITUDE. THE 5CP1 CATHODE RAY TUBE IS USED WITH THE DIRECTION-FINDER PORTION OF THE RECEIVER. FREQUENCY COVERED 392-413 MC, FM AND IS COMPLETE WITH 27 TUBES BUT LACKS THE ELEVATION AND AZIMUTH INDICATORS. OPERATES FROM 115/230, 60 CYCLE. SIZE: 20x24x15 WT: 100 LBS. PRICE: USED \$29.50



RADIOSONDE

AN/AMT-2 RADIOSONDE, 403 MC FM. A SINGLE PACKAGE INSTRUMENT WHICH CARRIED BY A FREE BALLOON, IS USED TO TRANSMIT METEOROLOGICAL INFORMATION TO A GROUND STATION. THE FREQUENCY MODULATION IS CONTROLLED BY A SENSOR MECHANISM CONTAINING ELEMENTS CONTROLLED BY PRESSURE, TEMPERATURE AND HUMIDITY TOGETHER WITH A COMMUTATOR ARRANGEMENT WHICH SET UP A SEQUENCE OF SIGNALS. USES 2 TUBES AND REQUIRES 1.5, 6 & 115 VDC FOR OPERATION. W/TUBES, LESS BATT. SIZE: 4 $\frac{1}{2}$ x6x6 $\frac{1}{2}$. WT: 1 $\frac{1}{2}$ LBS. BATTERY PRICE: NEW \$2.95 EACH, 2 FOR \$5.00

BC-1253 RADIOSONDE TRANSMITTER OPERATES AT 397 MC; SENDING A CONSTANT SIGNAL TO BE RECEIVED BY RADIO DIRECTION FINDER, WHILE BEING CARRIED IN THE ATMOSPHERE BY A FREE BALLOON. COMPLETE WITH ONE 955 ACORN TUBE. REQUIRES 1.5, 6 & 115 VOLT BATTERIES. SIZE 3x5x6 $\frac{1}{2}$ WT: 8 OZ. PRICE: NEW \$5.59 2 FOR \$1.00

RADIOSONDE
A BALLOON CARRIED METEOROLOGICAL INSTRUMENT USED TO TRANSMIT AUTOMATICALLY TO A GROUND STATION, INFORMATION AS TO THE PRESSURE, TEMPERATURE, & HUMIDITY. THE TRANSMITTER IS AM ON A FREQ. OF APPROX. 1680 MC. TYPE T-304A. THE MODULATOR MD-147C, CONTAINING THE PRESSURE-SENSITIVE ELEMENT, TEMPERATURE ELEMENT, HUMIDITY ELEMENT AND COMMUTATOR. SERVES AS A SWITCHING ARRANGEMENT FOR THE SEQUENCE OF SIGNALS TRANSMITTED. UNIT ALSO TRANSMITS A SIGNAL FOR TRACKING THAT PROVIDES INFORMATION FOR DETERMINING WIND DIRECTION & SPEED OF FLIGHT. WITH TUBES 5794 & 5875. BATTERY VOLTAGE REQUIRED 1.5, 6 & 115 VDC. MODULATOR & BATTERY BOX SIZE 6x4x6 $\frac{1}{2}$; TRANSMITTER SIZE 2 $\frac{1}{2}$ x9. WT. LESS BATTERIES 1 $\frac{1}{2}$ LBS. (613 GRAMS.)
PRICE: TRANS. & MODULATOR LESS BATT. NEW \$4.95
" " " " USED 2.95
" TRANSMITTER ONLY " " USED 1.50

IDENTIFICATION SET

RC-184 RADIO EQUIPMENT, USED IN CONJUNCTION WITH RADAR SET FOR IDENTIFICATION OF SHIPS OR AIRCRAFT. TRANSMITTER SENDS OUT A SIGNAL IN THE 157 TO 187 MC BAND WHICH IS PICKED UP BY THE PLANE OR SHIP, THAT HAS THE PROPER IFF SET, AND THE CODED SIGNAL IS RETURNED TO THE EQUIPMENT WHICH IS PICKED UP BY THE RECEIVER AND PRESENTED ON THE 5" OSCILLOSCOPE THE SELSYN INDICATOR UNIT IS USED WITH THE TR-24 ANTENNA ROTATING EQUIPMENT FOR GIVING DIRECTION OF ANTENNA. EQUIPMENT OPERATES FROM 115 VOLT 60 CYCLE AND CONSISTS OF FM-80 FRAME, BC-1268 CONTROL UNIT, I-221 INDICATOR, BC-1267 RECEIVER-TRANSMITTER AND RA-105 POWER SUPPLY. COMPLETE WITH 52 TUBI COMPLETE WITH 52 TUBES. PRICE UNUSED \$79.50



WORLD'S FINEST SURPLUS BARGAINS..

Fall 63

Winter 64



SURF HAILER



SURF-HAILER, ALL PURPOSE PORTABLE AMPLIFIER, LISTENER AND FOG HORN UNIT UTILIZING A REVOLUTIONARY TRANSISTOR DESIGN HOUSED IN A MODERN BLUE & WHITE ALUMINUM CARRYING CASE WITH A WEATHER-RESISTANT, RUSTPROOF TRUMPET SPEAKER AND HAND MICROPHONE. ORIGINALLY DESIGNED FOR BOATS IT CAN ALSO BE USED FOR HUNTING, MEETINGS AUCTIONS ETC. THE LISTENER FEATURE IS SENSITIVE ENOUGH TO PICK UP THE STRIKING OF A MATCH AT 20 FT. THE TRUMPET CAN BE DISCONNECTED AND MOUNTED ELSEWHERE SO IT CAN BE USED AS A SENTRY FOR PROWLERS, NURSERY, BIRD CALLS ETC. THE FOG HORN GIVES OUT APPROX 30 WATTS AND THE AMPLIFIER APPROX. 15 WATTS OF DISTORTION FREE VOICE.

REQUIRES 3 BURGESS T-W2 12 VOLT LANTERN BATTERIES FOR OPERATION.
 SIZE: 7 1/2 x 6 x 9 1/2 W/ SPEAKER 1 1/2"; WT: 12 LBS.
 PRICE: (LESS BATTERIES) \$49.50 NEW

RECEIVER F M 30 TO 40 MC.



LINK MODEL 11 UF 30 TO 40 MC F.M. CRYSTAL CONTROL ON SINGLE CHANNEL AT ONE TIME, SQUELCH CIRCUIT, OUTPUT PHONE JACK, W/ TUBES 2/6H6, 3/6AC7, 1/6V6, 1/6SJ7, 1/6K8, 1/6SH7, 1/6SL7. NO POWER SUPPLY, REQUIRES 6 VOLTS FOR FILAMENTS AND APPROX. 250 VDC 80 MA. FOR "B" SUPPLY.
 SIZE: 13x7 1/2 x 4 1/2; WT: 23 LBS. USED \$19.95

BC 348 RECEIVER



BC-348B RECEIVER AM 6 BANDS, 200-500 KC. & 1.5 TO 18 MC. CRYSTAL PHASING, ANTENNA ALIGN, BEAT OSCIL LATOR & AUTO GAIN CONTROLS, VERNIER AND SPEED TUNING, OUTPUT JACKS FOR PHONES & SPEAKER. WITH TUBES 3/6K7, 1/6J7, 1/6CS5, 1/6K6, 1/6BB & 1/6F7. VOLTAGE REQUIRED 24 VOLTS 2 A. & 220 VDC 70 MA.
 SIZE: 18x10 1/2 x 3 1/2; WT: 38 LBS. USED \$89.50

PARABOLIC ANTENNA

PARABOLIC ANTENNA REFLECTOR; DISH PAN TYPE, FOUR (4) FOOT ALUMINUM, PAINTED GREY, 2 1/2" FEED FOR APPROX. 7100 MC. THREE INCH ROUND MOUNTING FOR WAVEGUIDE SIZE 1-5/16x5/8, 4 MOUNTING STUDS WITH HARDWARE. PHILCO #463-2252-1 \$29.95 WITH FEED; \$25.00 LESS FEED WITH DEFROST ATTACHMENT \$5.00 EX. SHIPPING WEIGHTS.
 IN CARTON 75; ORIGINAL CRATE 225 LBS.



REFLECTOR ANTENNA BY ANDREW CORP #N-14519; PARABOLIC, DISHPAN TYPE UY-2B; 1700 TO 1850MC FREQ. RANGE; FIXED PIPE MOUNTED, ALUMINUM REFLECTOR 6'6"; SHPG. WT: 415 LBS. UNUSED
 PRICE: \$49.50

REFLECTORS



MICROWAVE ANTENNA REFLECTORS, PLANE TYPE CONFIGURATION MADE OF ALUMINUM, NOT PERFORATED, MOUNTED BY FRAME WORK OF REFLECTOR AND BRACKETS, WITH HARDWARE, GUYS AND ADJUSTMENT FOR AZIMUTH
 SIZE: 8 FT. X 6 FT. NET WT: 125 LBS.
 SHIPPING WEIGHT 375 LBS. \$65.00

RECEIVER TRANSMITTER

T-91/VRC-4 TRANSMITTER, AM, 25 W. CW/PHONE, 4 CRYSTAL CONTROLLED CHANNELS IN THE BAND OF 1.7 TO 8.7 MC. OR A TUNEABLE CHANNEL VARIABLE 4.0 TO 7.0 MC. WITH TUBES 1/6V6, 2/6L6 & 1/807 NO POWER SUPPLY, REQUIRES APPROX 600 VDC FOR B SUPPLY AND 6 VOLTS FOR FILAMENTS.
 SIZE: 15 1/2 x 11 x 14 1/2; WT: 50 LBS. UNUSED
 R-114/VRC-4 RECEIVER AM, 4 CRYSTAL CONTROLLED CHANNELS 1.7 TO 8.7 MC. ONE TUNEABLE CHANNEL 190 TO 510 KC. IF FREQ. 525 KC. FOR CW/PHONE WITH SPEAKER & TUBES 4/6SK7.1 8, 2/6SQ7 & 1/6K6. VOLTAGE REQUIRED 6 V & APPROX 220 VDC
 SIZE: 15 1/2 x 11 x 14 1/2; WT: 40 LBS. UNUSED

T/91 VRC-4 TRANS. & R-114/VRC-4 REC. \$59.95

NAVY RADAR ASB



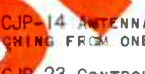
CAY-52 TRANSMITTER, SELF-PULSED EMISSION, 515 MC. PER-SECOND APPROX. 2 MICROSECONDS DURATION KEYING FREQ. 400 CYC. PER. SEC. APPROX. 5 KILOWATTS POWER
 CAY-46 RECEIVER, 510 TO 525 MC. TUNEABLE, 1ST IF 55 MC. 2ND IF 16 MC. POSITIVE VIDEO PULSE OUTPUT, INPUT IMP. 50 OHMS, OUT PUT 230 OHMS. WITH 11 TUBES.



CJP-55 INDICATOR, CR TUBE 58P1 VERTICAL TRACE, HORIZONTAL DEFLECTION, 400 CYC. SWEEP, APPROX RANGE 0-2, 7, 28 & 70 NAUTICAL MILES.



CJP-20 RECTIFIER POWER SUPPLY SUPPLIES ALL THE VOLTAGES NEEDED FOR OPERATION OF THE EQUIP. POWER INPUT 115 VOLT 600-1400 CYCLE, 1 PH. 3 AMPS. 345 WATTS.



CJP-14 ANTENNA SWITCHING UNIT, USED FOR SWITCHING FROM ONE ANTENNA TO ANOTHER, 24 VDC



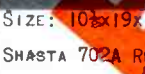
CJP-23 CONTROL UNIT, FOR MANUAL CONTROL EQUIP

ONE OF EACH PIECE EQUIPMENT DESCRIBED ABOVE ACTUAL WEIGHT 90 LBS, SHPG. WT. 180 LBS. CONDITION UNUSED, PRICE: \$65.00

LAP. EQUIPMENT

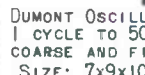


KEPCO KR6M REGULATED DC POWER SUPPLY, DC OUTPUT 195 TO 325 VOLTS, 600 MA, REGULATION .1% AC FILAMENT OUTPUTS, INPUT 105 TO 125 VOLTS 60 CYCLE.
 SIZE: 10 1/2 x 19 x 13 FOR RACK MTG. SHPG. WT: 100 PRICE: USED \$75.00



SHASTA 702A REGULATED DC POWER SUPPLY 0-150 & 600 VDC 200 MA. USED \$60.00

OSCILLATOR



DUMONT OSCILLATOR TYPE 348, FREQ. 1 CYCLE TO 500 KC IN 6 RANGES, COARSE AND FINE VOLTAGE ADJUSTMENTS
 SIZE: 7x9x10; WT: 30; USED \$75.00

DUMMY LOAD



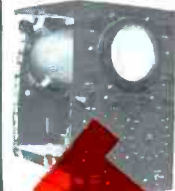
DA-71/URM-58 DUMMY LOAD FREQ. 2-5000 MC. 500 WATT. WITH UG-11 66/U & UG-1167/U COAXIAL CONNECTORS. OIL FILLED, MAY REQUIRE ADDITIONAL OIL AND GASKET
 SIZE: 28x8x6; WT: 35 LBS. \$29.50

PHANTOM ANTENNA



A-61 ANTENNA, USED WITH COMMAND TRANSMITTERS FOR A DUMMY LOAD. RESISTANCE 5 OHMS, CAPACITANCE .0001 MFD, POWER RATING 50 WATTS. CONTAINS 0-4 RF METER, 100 MMF 5 KV VACUUM CONDENSER RESISTOR ETC. SIZE: 7x5 1/2 x 2 1/2; WT: 4 LBS. PRICE: USED \$4.95

SCOPE



5" SCOPE FOUNDATION FROM COMPUTER INTERCEPT CONSOLE WITH A Z4360 C.R. TUBE. P/O OA/GPA-23 SYSTEM. ASSY HAS CONTROLS, VIDEO AMPLIFIER ETC NO SIDE PANELS.
 SIZE: 15 1/2 x 10 x 20; WT: 20 LBS.
 #Z4360 SCOPE FOUNDATION USED \$7.95

COMPUTER

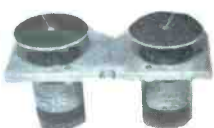


TEST PANEL

COMPUTER TEST PANEL PART OF GPA-23 COMPUTER SYSTEM HAS ONE SYNCHRO RECEIVER 23TR6 115 VOLT 60 CYCLE, SIZE 2" x 4" CONNECTED TO 360 DEG. 5" INDICATOR DIAL, TWO AUTOSYNS AY-201S, 1 SIX POSITION 5 DECK ROTARY SWITCH, 6 PILOT LIGHTS, 10 TOGGLE SWITCHES VARIOUS TYPES, 5 BARRIER TERMINAL STRIPS, SOCKETS, POTS, CONDENSERS, RESISTORS. A REAL BONNANZA. SIZE: 17x8x11; WT: 17 LBS. PRICE: USED \$12.95

SYNCHRO RECEIVERS

RECEIVERS TYPE 23TR6 PART NO. 76756300, 115 V 60 CYCLES, 2" x 4" SAME AS USED IN THE ABOVE UNIT. WEIGHT PER PAIR 5 LBS. PRICE: \$10.95 EACH 20.00 PAIR



OSCILLATOR



R.F. OSCILLATOR. PART OF GKA-1 EQUIPMENT. CONTAINS SEVERAL TYPES OF BAND PASS FILTERS, VARIABLE CONDENSER, TUBE SOCKETS TEST JACKS, RESISTORS 1%, CAPACITORS, 2/UG-88 BCN COAX. CONNECTORS, PILOT LIGHT, SWITCH, POTS ETC. OSCILLATOR FREQ. APPROX. 24 KC.
 SIZE: 12x12x4 1/2; WT: 13 LBS. USED \$3.95

SCOPE



MONITOR

CONVERTER

CONVERTER-MONITOR PANEL ASSEMBLY CV-399/GPA23 PART OF COMPUTER SYSTEM. CONTAINS A GOOD 3" SCOPE FOUNDATION ASSY. USING 3CP1A C.R. TUBE MOUNTED ON A PANEL 10" x 12". SCOPE PANEL HAS 0-100 VERNIER DIAL 1 1/2" PLUS CENT, FOCUS CONT. SWITCHES ETC. THE MASTER PANEL HAS 10 SEPARATE SUB-PANELS WITH LOADS OF CONDENSERS, RESISTORS TERMINAL STRIPS ALSO AUTOSYN, CONNECTORS, CONTROLS, TRANSFORMERS AND LOTS MORE.
 SIZE: 25 1/2 x 25 1/2 x 14; WT: 55 LBS. USED \$14.95

VOLTAGE REGULATOR



CN-359/GPA-23 REGULATOR VOLT-A E. 120/208 VOLTS 60 CYCLE, 3 PHASE, 27 KVA. MOTOR DRIVEN POWERSTAT ELECTRONICALLY CONTROLLED. THREE SEPARATE SYSTEMS THAT WILL GIVE CONTROL, 3 PHASE IN, 3 PHASE OUT OR 3 PHASE IN, SINGLE PHASE OUT OR CAN BE DISMANTLED AND HAVE THREE SEPARATE SINGLE PHASE IN AND SINGLE PHASE OUT. IN MAKING 3 SEPARATE UNITS 2 ADDITIONAL METER SWITCHES, PILOT LIGHTS, JACKS ETC. WILL BE REQUIRED. NEW \$250.00 SIZE: 27x31x26; WT: 420 LBS. : USED 195.00

INDIVIDUAL UNIT, NO CABINET, WITH POWERSTAT, TRANSFORMER, ELECTRONIC CONTROL CIRCUIT AND METER, SWITCHES, PILOT LIGHT AND JACKS TO MAKE YOU OWN ASSY. WITH SCHEMATIC. SHPG. WEIGHT 120 LBS. USED..\$75.00

FAIR RADIO SALES

2133 ELIDA ROAD

Route 30 South -- West of Lima
BOX 1105, LIMA, OHIO 45802

TEL.: AREA CODE 419 226-6716

STORE HOURS

MONDAY THRU SATURDAY
9:00 A.M. TO 5:30 P.M.

TERMS

PRICES NET, F.O.B. LIMA, O.
SEND CASH, CHECK or MONEY
ORDER with PURCHASE ORDER

MINIMUM ORDER \$3.00. Orders
less than \$3.00 ADD \$.50
HANDLING CHARGE.

Include sufficient money
for shipping charges. (UNUSED
PAYMENTS RETURNED AT ONCE.)
Otherwise we will send ship-
ping charges collect.

C.O.D. ORDERS, SEND 25% of
PURCHASE with ORDER. BALANCE
will be COLLECTED UPON DELI-
very.

When writing for information
PLEASE state what specific
information you desire.

GENERAL ELECTRIC



A-C VOLT METER
TYPE AO-22 3 1/2" RD 0-15 SCALE
25-133 CYCLES \$2.95

D-C VOLT METER
TYPE DO-41 3 1/2" RD.
0-150 SCALE \$2.95
0-4 KILOVOLT SCALE \$2.95
0-1.5 " " \$2.95

D-C MILLIAMMETERS
TYPE DO-41 3 1/2" RD
0-200 OR 0-750 SCALE \$2.95
EACH

RF AMMETER
TYPE DO-44 3 1/2" RD.
0-20 SCALE \$3.95

TIME METER
MODEL BKTBE125 3 1/2" RD.
10/12 VOLTS 60 CYCLE \$6.95

DB METER 3 1/2" RD.
WEST. TYPE NC35
SCALE 10-0-6
USED \$3.95
UNUSED 4.95

SIZES INDICATED ARE FOR METER HOLE OPENING



AC AMPERES
25-125 CYC.
4" 0-200 scl
CURRENT/TRAN-
RATIO 40/1
BASIC F.S 5A

WEST#8055-2
STK#3F1002-4
\$5.95



DC AMPERES
3 1/2" 0-300 scl
USE W/SHUNT
50 MV/200 A

WESTON-M-643
ORD#173030
\$6.95



MICRO-AMPS
40 - 40
3 1/2" FLOOR-
ENT SCALE.

WESTON 301
TYPE 5
\$4.95



MICRO-AMPS DC
0 - 200
3 1/2" F/STEEL PLATE

WESTERN ELECT
#167807
\$4.95



DC AMPERES
2-3/4" 0-1sc
0-10KILOVOLT
SCALE REQ. 1
AMP. SHUNT.
BASIC FS 5A

GE# KS-14346
TYPE#A268AY1
\$3.95



DC VOLTS
2 1/2" 0-500 scl
BASIC FS 500V
RUGGEDIZED
ALUMINUM PAN-
EL ASSY.

BURLINGTON
STK#3F8C10-33
\$3.95



MICROMHOS
DYNAMIC MUTU-
AL CONDUCTANCE
USED IN 1-177
TUBE CHECKER
BASIC 0-1.4
MA.

HICKOK#M547A
STK#3F1350
\$4.95



DC MILLIAMPER
2-3/4" 0-15
0-300 SCALE
USE EXT. SHUNT
.35 OHM
USED W/BC-669
VARIOUS MFG.
STK#3F930-14
\$4.95



DC KILOVOLTS
2-3/4" 0-20
SCALE
BASIC MOVE.
FULL SCALE
1 MA. EXTERN
AL SHUNT REQ.
WEST#43524-2
\$2.95



D.C. AMPERES
0 - 200
2 1/2"
METAL CASE
BEEDE ELECT.
#3FK1100-11
\$2.95



AC VOLTS
400 CYCLE
2-3/4"
0-150 SCALE

WEST#29566N2
FED#7608430
\$2.95



MICRO-AMPS
100 - 100
1 1/2" DIA. 7/8"
SINGLE HOLE
MTG.
INTERNATIONAL
\$3.95



DC AMPERES
2-1/16"
0-120 SCALE
EXTERNAL
SHUNT REQ.

AERO#C-120
NSD#R17A5730
\$1.95



TUNING METER
2" TUNE FOR
MAX. SCALE.
2 MA. RIGHT,
5 MA. LEFT.
5 OHM DC RES.
USED IN RADIO
COMPASS REC.
#1-70 \$1.50

#7764612PT6
\$2.95



D-C MILLIAMP
3" SG.
0-50 SCALE
0-1 MA. BASIC
GE TYPE#D053
#7764612PT6

\$2.95



DC MILLIAMPS
1 INCH
10 DOT SCALE

DEJUR#101000
FED#6585782
\$3.95



WESTON METERS
MODEL 610 0-25 A.C. AMPERES 4"x4 1/2" \$12.95

" " 0-150 A.C. " 4"x4 1/2" 12.95



VOLTMETERS

- 0-150 AC Round flush type for 2-1/8" hole, Bakelite case. Westinghouse type NA-33, 25 to 125 cycles. Signal Corps No. 3F8150-69 6.25
- 0-300 AC 3" round flush type, bakelite case, Simpson and General Electric Mfg. Signal Corps No. 3F8300-28 7.50
- 0-15 AC-DC Voltmeter 2 1/2" RD. USED No.IS-122 2.95
- 0-30 DC Round flush type, for 2 1/2" hole. General Electric Mfg. Model 85W53AAL. Stock No. 2DA7 5.75
- 0-300 DC Round flush type, bakelite case, shielded, for 2 1/2" hole. Sun Mfg. Model 2AU346. Stock No. 159E-12 5.75

MILLIAMMETERS

- 50-0-50 DC 3" round flush type, bakelite case. Sangamo and Weston model 301. Signal Corps No. 3F3327 6.25
- 0-500 DC Milliamp. 2 1/2" RD. USED No.IS-22 2.95
- 0-100 DC 3" round flush type, bakelite case. De-Jur model 310. Signal Corps No. 3F910-1 3.95
- 0-800 DC 3" round flush type, bakelite case, calib. for 1/8" steel panel. Signal Corps No. 3F980-2 6.95

R.F. METERS

- 0-8 RF AMMETER 2 1/2" RD. USED No.IS-89 2.95
- 0-10 AMPS 2-3/4" flange, for 2 1/2" hole, bakelite case. Weston model 507, Signal Corps No. 3F1010-24 5.95
- 0-1 AMPS 3" round flush type, bakelite case, Triplett model 0341-T or Weston model 425. Signal Corps No. 3F1001-31 6.25
- 0-100 MA For 2-1/8" hole, metal case. Calib. for 1/16" steel panel, with Thermocouple. General Electric model AAN21, type DW-52. Signal Corps No. 3F912 5.50

AMMETERS

- 0-30 DC 3" round surface mounting. Roller-Smith type TDS. Signal Corps No. 3F1030-9 6.95
- 0-30 DC 2" round flush type, metal case. Hoyt Meter Co. No. H17-3, scale has marking for 12 volt and 6 volt. Signal Corps No. 3F1030-22 5.50
- 0-1.5 DC Milliamp. Tube checker scale 2 1/2" flush mtg. P/O I-56A W.No.685-2 2.95



BALLANTINE
ELECTRONIC VOLTMETER
MODEL 300, FREQUENCY RANGE
10 TO 150,000 CYCLES, VOLT-
AGE RANGE 1 MILLIVOLT TO
100 VOLTS. INPUT IMPEDANCE
1/2 MEG. SHUNTED BY 30 MMFD.
ACCURACY 2% TO 100 KC, 3%
ABOVE 100 KC. ALSO DB SCALE
MOUNTED ON 19" PANEL FOR
RACK, CAN BE REMOVED FOR
PORTABLE USE.
PRICE: \$99.50

- MISCELLANEOUS
- SERVO SCOPE 1100C \$175.00
 - TECH INST.
 - PHASE METER #322A 175.00
 - CENTURY GALVANOMETERS
 - NEEDLE #210C55-2 20.00
 - MASSA; AMPLIFIER
 - POWER SUPPLY M-185
 - PRE-AMPLIFIER 114B
 - W/ADAPTER 189 175.00
 - ACCELEROMETER 198
 - CONTROL DEVICES VTVM
 - PEAK INDICATOR 50.00
 - HEWLETT PACKARD
 - POWER METER # 430B \$100.00
 - VTVM # 400C 125.00



RESISTANCE LIMIT BRIDGE
LABORATORY TEST UNIT THAT
USES TWO 10,000 OHM 0.1
PERCENT RESISTORS AS 1:1
RATIO RESISTORS IN A WHEAT-
STONE-BRIDGE CIRCUIT. THE
OUTPUT IS THEN FED INTO A
VACUUM TUBE VOLTMETER CIR-
CUIT WITH THE METER 4 1/2" CAL-
IBRATED IN DIRECT PERCENTAGE
20-0-20. WITH PRECISION
WITHIN 1% THIS UNIT WILL
CHECK ANY RESISTORS FROM
100 OHMS TO 1 MEGOHM. THIS
IS DONE BY CONNECTING A RES-
ISTOR OF KNOWN VALUE AND AC-
CURACY IN THE CIRCUIT AND
THEN THE UNKNOWN RESISTORS
ARE INSERTED IN THE TEST
TERMINALS AND THE PERCENTAGE
OF ERROR IS SHOWN ON THE
METER, WESTON TYPE 643.
RACK-TYPE MOUNTING 5 1/2"x19".
#T-301390 PRICE: \$34.50

THE ABOVE UNIT CAN ALSO BE
SUPPLIED IN A CABINET WITH
A 3 1/2" PANEL THAT HAS TWO
FIVE DECK 20 CONTACT ROTARY
SWITCHES WIRED TO A TERMINAL
DECK. PRICE: \$44.50

LAB TEST EQUIPMENT

THIS IS ONE OF THE FINEST LOT OF LABORATORY TEST
EQUIPMENT WE EVER HAD OCCASION TO BRER. IT WAS
ALL RECENTLY RECONDITIONED AND NOT USED SINCE.

WESTON	TYPE	SCALE	PRICE
#433	A.C. VOLT METER	0-150	\$39.50
#932	A.C. VOLT/1000	OHM PER VOLT	
"	"	0-3/15/75	49.50
"	"	0-30/150/300	49.50
#931	D.C. " "	0-500	49.50

ALSO AVAILABLE AC & DC MA. VARIOUS SCALES

WESTON PHASING METER
MODEL 643 4 1/2", FOUR
TERMINALS. WITH 115
VOLTS 60 CYCLE ON LARGE
TERMINALS AND 5 V.A.C.
ON SMALL THE METER WILL
SHOW THE PHASE RELATION
BETWEEN THE TWO VOLTAGES
PRICE: \$6.95

GENERAL RADIO VARIACS
PANEL MOUNTINGS
115 VOLT 60 CYCLE
#200-B 1 AMP. \$6.95
V-5 5 AMP (NO DIAL OR
NUMBER PLATE) \$10.95
230 VOLT 60 CYCLE
#V-5H 2 AMP. \$12.95

CABINET RACKS

TOTAL HEIGHT	PANEL SIZE	PRICE
10 1/2	8 1/2	\$3.95
19 1/2	17 1/2	7.95
28 1/2	26 1/2	10.95

5" DEEP
FOR 19" PANELS
(LESS PANELS)

SLOPING PANEL
CABINETS
18 1/2"x10 1/2"x10 1/2"
\$2.95 NO PANEL

WESTON PANEL METERS

- D-C VOLT METERS
MODEL #301 3 1/2" RD
0-150 0-300
0-200 0-350
0-250 0-500
\$6.95 EACH.
- D-C MILLIAMMETERS
MODEL #301 3 1/2" RD
0-30 0-200
0-100 0-300
\$6.95 EACH.
- A-C MILLIAMMETERS
MODEL #476 3 1/2" RD
0-100 0-250
\$6.95 EACH.
- D-C VOLT METERS
MODEL #301 3 1/2" RD
300-0-300
\$6.95 EACH.
- A-C VOLT METERS
MODEL #476 3 1/2" RD
0-10 0-150
0-500
\$6.95 EACH.

SCR 274-N ARC-5

COMMAND RECEIVERS—TRANSMITTERS

The **COMMAND SET** series of transmitters and receivers are the most popular surplus items on the market to-day.

The series consist of several units covering the frequency range of 190 KC to 9.1 MC for the receivers and 2.1 to 9.1 MC for the transmitters.

For those of you who are not familiar with this equipment and would like to know more about it we suggest that you purchase **COMMAND SETS MANUAL** for \$1.50. This book has 135 pages of conversation information including power supplies, schematics etc.

RECEIVERS

The receivers are six tube superhets using the following tubes, 1/12A6, 2/12SK7, 3/12SK7 & 1/12SR7. Designed to operate from 24 VDC dynamotor, which mounted on the rear of the set, supplying 250 VDC 60 MA. Size of set 5 x 5 x 11 WT. 6 lbs.



BC-453/R-23 190 to 550 KC used \$12.95
BC-946/R-24 520 to 1500 KC no stock
/R-25 1.5 to 3.0 MC New \$19.95

BC-455/R-27 6 to 9.1 MC \$11.95 used

TRANSMITTERS

The transmitters with proper use can put out 50 watts or CW and watts on voice, with the use of the BC-456 modulator which is a separate unit. Dynamotor used with equipment is a DM-33 24 VDC input output 575 VDC 175 MA & mounts on the modulator. Tubes used 2/1625, 1/1626 & 1/1629 magic eye tube for crystal calibration Size 5 x 7 x 12 WT. 9 lbs



T-17/ARC 1.3 to 2.1 MC NEW \$14.95
T-18/ARC 2.1 to 3 MC NEW 8.95
T-19/ARC 3 to 4 MC No stock
T-20/ARC 4 to 5.3 MC NEW 8.95
T-21/ARC 5.3 to 7 MC NEW 9.95
T-22/ARC 7 to 9.1 MC used \$14.95
T-23/ARC 100 to 156 MC NEW \$24.95

BC-456 MODULATOR AND DYNAMOTOR MOUNTING. USED WITH COMMAND TRANSMITTER COMPLETE WITH TUBES 1/1625, 1/12J5, VR-150. SIZE: 7x8x10; WT: 10 PRICE: USED \$2.95

CD-526 CABLE 5 FT. WITH PL-153 EACH END. \$4.95
CD-532 CABLE 5 FT. WITH PL-152 EACH END. \$2.75

PS-274N POWER SUPPLY FOR COMMAND & ARC-5 RECEIVERS. OPERATE FROM 115 VOLT 60 CYCLE, COMPLETE WITH SPEAKER, PHONE JACK AND BFO SWITCH PRICE: \$18.95

DM-32 DYNAMOTOR 24 V US\$2.95 N 4.95 35x032 " " 12 V 4.95
DM-33 DYN.F/TRAN24V USED \$2.95
SPIN TUNING KNOBS FOR RECEIVER 1.00
CONNECTOR PLUGS REC/TRANS. EA. 1.50

AMPLIFIER

AM203B/ARA-19 AMPLIFIER; PART OF REMOTE COMPASS TUNING SYSTEM AS USED WITH ARN-6 RADIO COMPASS. PROVIDES AN ACCURATE MEANS OF TUNING ELECTRICALLY. WITH 2/26A7 TUBES 1/12SN7 TUBE. OPERATES FROM 24 VOLT D.C. ALSO HAS 3 SEALED RELAYS, COND. RES. ETC. SIZE: 5x6x4 1/2; WT: 5 LBS. RE-NEW \$3.95



DRIVER

SONAR DRIVER BY RCA, 17 TO 26 Kc. C.W, F.M EMISSION, 1 BAND 400 WATTS. INPUT 440 VOLT 60 CYCLE 3 PHASE, TRANSFORMER CAN BE REMOVED FOR 1 PHASE. USES 6/866 2/803, 1/801 TUBES. NAVY # CRV52329. SIZE: 17x48x24 1/2; WT: 450 LBS. PRICE: WITH TUBES \$69.50 LESS " 49.50

BC-1335

F-M RECEIVER TRANSMITTER

CRYSTAL CONTROL ON ANY TWO PRE-SET FREQ. IN THE 27 TO 38 MC. BAND USING FT-243 CRYSTAL HOLDER APPROX. 2 WATTS OUTPUT. VIBRATOR TYPE POWER SUPPLY THAT OPERATES FROM 6 OR 12 VOLTS DC. USES 18 TUBES, 7/1L4, 2/1R5, 5/3A5, 2/3C4, 1/1A3 & 1/6AF6G. THESE SETS ARE USED AND SOLD "AS IS" LESS TUBES AND VIBRATOR. THEY WILL REQUIRE SOME WORK. SIZE: 13 1/2 x 12 1/2 x 6 1/2; WT: 30 LBS. USED \$6.95

RT-19/ARC-4 TRANSMITTER RECEIVER

AMPLITUDE MODULATED SET COVERING THE FREQ. OF 140 TO 144 MC. FOUR CHANNEL CRYSTAL CONTROL, OUTPUT 10 WATTS. WITH TRANSMITTER TUBES 2/6L6, 1/832, 2/1614, 2/6V6, 4/6N7, 2/6AC7, 3/12SJ7, 2/12A6 & 2/12SQ7. VOLTAGE REQUIRED 325 VDC @ 255MA. & 12.6 @ 5.3A OR 24 @ 2.7A. SET USUALLY OPERATES FROM A 12 OR 24 VOLT DYNAMOTOR WHICH CAN BE PURCHASED SEPARATELY. CONVERSION FOR TWO METERS CAN BE FOUND IN SURPLUS CONVERSION MANUAL, PRICED AT \$3.00. (USED) SIZE 10 1/2 x 8 x 20; WT: 20 LBS. TRANS-REC. U. \$22.95 DY-10 DYNAMOTOR 12 OR 24 VOLT USED \$14.95 DY-9 " " " " " " 9.95

AC BEACON RANGE RECEIVER BC1206-C BEACON RECEIVER



BC-1206 AIRCRAFT BEACON RECEIVER 200 TO 400 KC. OPERATES FROM 24 VDC 1.5 AMPS. 135 KC IF. COMPLETE WITH TUBES 2/14H7, 1/14J7, 1/14R7 & 1/28D7. CONTINUOUS TUNING VOLUME CONTROL, ON/OFF SW. & PHONE JACK. SIZE: 4x4x6 1/2. WT: 5 LBS. SHOWN TO RIGHT. PRICE: USED CHECKED FOR OPERATION \$9.95 REC. ONLY

AC BEACON RANGE RECEIVER IN CABINET WITH 115 VOLT 60 CYCLE POWER SUPPLY & 4" PM SPEAKER, READY TO OPERATE. SIZE: 10x6x6; WT: 18 LBS. PRICE, COMPLETE WITH NEW CABINET & POWER SUPPLY AND USED RECEIVER CHECKED \$29.95 SAME AS ABOVE, LESS RECEIVER.. 18.95

POWER SUPPLY ONLY, 115 VOLT 60 CYCLE OPERATION OUTPUT 24 VOLTS DC 1.5 AMPS. MOUNTED ON METAL CHASSIS 6x5x7; WT: 5LBS. KIT...\$7.00 WIRED \$9.95

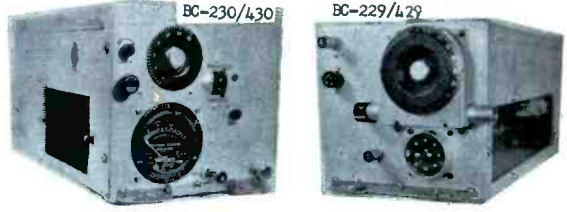


R-4/ARR-2 RECEIVER 234-258 MC. 11 TUBE AIRCRAFT UNIT FOR RECEPTION OF DOUBLE AMPLITUDE MODULATED CARRIER OPERATES FROM 24 VDC & 250 VDC 60 MA. COMPLETE WITH TUBES 3/6AK5, 7/9001 & 1/12 A6. SIZE: 5x5x11, WT: 6 LBS PRICE: RE-COND. \$6.95

COMMAND SET RACKS AND FLEXIBLE SHAFTS

FT-234 FOR ONE TRANSMITTER \$1.50
FT-226 FOR TWO TRANSMITTERS 2.50
MT-63/ARC-5 FOR TWO RECEIVERS 2.50
FT-225 FOR ONE MODULATOR 1.50
BC-451 TRANSMITTER CONTROL BOX 1.50
MC-215 FLEXIBLE TUNING SHAFTS 1.50
6FT OR LESS LONGER .25 PER FOOT EXTRA.

TRANSMITTERS - RECEIVERS



BC-230/430 TRANSMITTER

Transmitter approx. 10 watts Voice and 20 watts CW in the freq range of 3000 to 7700 KC by use of plug in coils. Uses tubes 2/10Y, 2/45. Output meter 2" 0 to 1.5 RF. MC control on front panel. Voltage required approx 300 VDC for plates & 12VDC for BC-230 & 24 VDC for BC-430. Size 13"x3"x7". WT. 10 1/2 lbs.

Price with tubes, plug in coils & schematic, USED \$8.95

BC-229/429 RECEIVER

Receiver TRF, uses plug in coils to cover the freq. range of 201 to 398 & 2500 to 7700 KC. Six tubes 1/37, 1/38, 4/39. Voltage required 220 VDC to 275 VDC 80 MA. & 12 VDC for BC-229 & 24VDC for BC-429. Size 16 x 8 x 7. WT 12 lbs. Price with tubes, plug in coils & schematic, used \$8.95

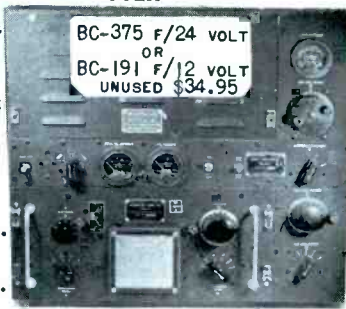
BD-83 Dynamotor 12 VDC to operate Rec & Trans. Unused \$6.95

ADDITIONAL EQUIPMENT

Control Box BC-231 F/ receiver or BC-232 F/ trans. each \$1.00
Connector plugs for rec, trans., dynamotor or boxes, " \$1.00
Schematic showing rec, trans, boxes etc. \$1.00
Tuning knob for Receiver local control \$1.00
Remote tuning head for receiver \$2.00
Remote tuning shaft for receiver, specify length \$1.50
Separate coils for receiver, specify freq. coverage \$1.75
Dual coil 201-398 & 2500-4700 or 4700-7700 each.
Separate coils for transmitter, specify freq coverage. \$1.75
2500-3200, 3200-4000, 4000-5000, 5000-6200, 6200-7700.
Mountings for Rec., Trans, Dyn., Each mounting \$1.50

BC-375 TRANSMITTER BC-191

TRANSMITTER AM 100 Watt CW - MCW - Voice, Frequency coverage 200 - 500 KC & 1500 - 12,500 KC by use of plug in tuning units listed below. Tube line up 1/10Y & 4/VT-4C (211). Complete with tubes, less tuning units. Requires 12VDC for BC-191 & 24 VDC for BC-375 filaments & relay. 1000 VDC 350 MA. plates. Meters 2" for reading 0-8 RF, 0-500 MA, & 0-15 DC. With schematics.



BC-191 F/12 VOLT OR BC-375 F/24 VOLT UNUSED \$34.95

TUNING UNITS for BC-191 & BC-375

	USED	NEW
TU-5 1.5 to 3 MC	\$ N.S	\$5.95
TU-6 3 to 4.5 MC	3.95	5.95
TU-7 4.5 to 6.2 MC	3.95	5.95
TU-8 6.2 to 7.7 MC	3.95	5.95
TU-9 7.7 to 10 MC	3.95	5.95
TU-10 10 to 12.5 MC	3.95	5.95
TU-26 200 to 500 KC	3.95	5.95
BC-306 Antenna Tuner	N.S	5.95

Price of tuning units less case. With case \$50 additional.

Dynamotors BD-77/12 Volt; PE-73/24 Volt, Used \$12.95
PLUGS for transmitter or dynamotor; each plug \$1.00
Cables with PL-61, PL-64 or PL-59 ea end. Each cable \$2.75

RA-34 POWER SUPPLY for BC-191 115/230 volt 60 cycle input output supplies all the voltages for operation. Used \$59.50

AMPLIFIER

AM-142/AIC MIXER AMPLIFIER USED IN LARGE AIRCRAFT COMMUNICATION SYSTEMS AS A AUDIO LINE MIXER AND BOOSTER. INPUT IMPEDANCE 500 OHM, OUTPUT 600 OHM. OPERATES FROM 24 VOLTS DC AND IS COMPLETE WITH ONE 26A7 TUBE AND SCHEMATIC. SIZE: 5x5x2; WT: 2 1/2 LBS. USED \$1.25

R-443/ARN-50 GLIDE PATH RECEIVER

USED IN AIRCRAFT TO RECEIVE A MODULATED SIGNAL 90 & 150 CYC ON 332.6, 333.8 MC. OPERATES FROM 24 VDC. COMPLETE WITH TUBES 7/6AJ5, 2/12SN7 & 1/28D7 SIZE: 5x6 1/2 x 11; WT: 12 LBS. PRICE: USED \$7.95 (NO CRYSTALS)
R-268/ARN-5 USED \$6.95. R-89/ARN-5 USED \$5.95



WORLD'S FINEST SURPLUS BARGAINS..

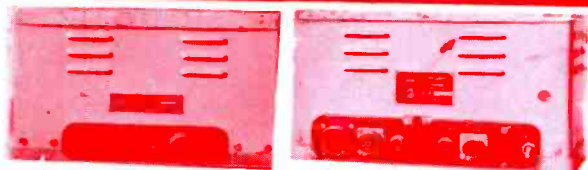
SUPPLEMENT

Fall 63

Winter 64

MOBILE F.M 152 172 MC

RECEIVER TRANSMITTER



6 OR 12
VOLT
\$59.50

COMMERCIAL TYPE MOBILE COMMUNICATION RADIO SET MFG. BY LINK. TRANSMITTER # 2240 50 WATT USING 2/2E26 TUBES DRIVING 829 IN THE FINAL ALSO 1/7AG7, 1/7F7 & 1/7W7 TUBES. WITH 12 VOLT DYNAMOTOR POWER SUPPLY. RECEIVER #1905 SELECTIVE DOUBLE CONVERSION WITH SQUELCH CIRCUIT & 2/7A6, 7/7AG7, 1/7F7, 1/7B5 & 2/6AK5 WITH 12 VOLT VIBRATOR POWER SUPPLY. BOTH UNITS ARE CRYSTAL CONTROL PHASE MODULATED 15 KC.

UNITS HAVE RECENTLY BEEN REMOVED FROM CARS AND HAVE TUBES, CONTROL BOXES, CABLES WITH PLUGS (THAT MAY HAVE TO BE SPLICED) ETC.

PRICE, AS DESCRIBED \$59.50

TRANSMITTER



WILCOX ELECTRIC TRANSMITTER #96, 2 1/2 KW, 2 TO 18 MC. CW, AM, CRYSTAL CONTROLLED. USES PLUG IN COILS BUT NOT SUPPLIED. USES TUBES 2/450TL/TH, 2/807, 1/813, 1/811 THESE TRANSMITTERS WILL BE SHIPPED IN THE SAME CRATES AS RECEIVED. NO INSPECTION WILL BE MADE SO, TUBES MAY OR MAY NOT BE IN SET AND ARE OFFERED AS SUCH. NO POWER SUPPLY OR MODULATOR ARE INCLUDED. CONDITION USED AS DESCRIBED. SIZE: 12 1/2 x 24 1/2 x 7 1/2; WT: 250 LBS. \$75.00

RAX I RECEIVER



FOUR BAND RECEIVER 200-1500KC LARGE 4" DIAL, CW, MCW, AVC, ANTENNA TRIMER, VOLUME CONTROL & PHONE JACKS ALL ON FRONT PANEL. WITH 3/12SK7, 1/12K8, 1/12SR7 & 1/12A6 TUBES.

VOLTAGE REQUIRED 28 VOLTS FOR FILAMENTS & APP. 200VDC 80MA.

SIZE: 7 1/2 x 7 x 17; WT: 25 LBS. RE-NEW \$29.95
SHOCKMOUNTING BASE FOR RECEIVER 2.50
A.C POWER SUPPLY IN CABINET WITH SPEAKER.... 18.95

TELETYPEWRITER

MODEL 20 MONITOR SIMILAR TO MODEL 15 ONLY LESS KEYBOARD. KEYBOARD CAN BE ADDED AT ANY TIME. THIS IS A PAGE PRINTER. THIS EQUIPMENT WAS RECENTLY TAKEN OUT OF SERVICE AND WAS OPERATING AT THE TIME BUT IS NOT GUARANTEED TO BE IN OPERATING CONDITION.

SIZE 16X16X16; WT: 100 LBS.
PRICE: \$69.50



MODEL 14AT TELETYPE TYPING UNIT, USES 3/8" TAPE THIS EQUIPMENT WAS RECENTLY TAKEN OUT OF SERVICE AND WAS OPERATING AT THE TIME BUT IS NOT GUARANTEED TO BE IN OPERATING CONDITION. SIZE: 15x15x15; WT: 100 LBS.

PRICE:.... \$89.50

PAPER TAPE 3/8" FOR TELETYPE MACHINES, NOT GUMMED, 30 ROLLS \$3.00/60 ROLLS \$5.00

TELEGRAPH REPEATER



TELEGRAPH REPEATER WE#61824A, TWO COMPLETE UNITS WITH RECTIFIERS THAT OPERATE FROM 115 V. 50-60 CYCLE. THE REPEATERS ARE DESIGNED TO OPERATE AT TELETYPE SPEEDS, OPEN WIRE COMPOSITED OR SIMPLEX CIRCUITS, 2 PATH POLAR OR OTHER FORMS OF TRANSMISSION. METERING, PATCHING JACKS, TESTING, MONITORING AND ADJUSTING CONTROLS ARE ALL AVAILABLE ON THE FRONT PANELS.

THE UNIT IS HOUSED IN A METAL CABINET WITH A HINGED DOOR FRONT & BACK.
SIZE: 22 1/2 x 17 x 42; WT: 200 LBS. RE-NEW
PRICE: \$39.50

TAPE RECORDER



RD-142/UPN SOUND RECORDER-REPRODUCER IS A 24 HOUR 2 CHANNEL MAGNETIC TAPE RECORDER AND PLAYBACK UNIT DESIGNED FOR CONTINUOUS RECORDING.

MAY BE USED TO RECORD ON ONE OR TWO CHANNELS OR BOTH CHANNELS AT THE SAME TIME ON 7 INCH REEL 2 INCH TAPE. PLAYBACK OF EITHER OR BOTH CHANNELS THROUGH THE SELF CONTAINED LOUD SPEAKER OR THRU PLUG IN HEADSET. OPERATES FROM 115 VOLT 60 CYCLE. WITH TUBES. CONDITION USED, NOT CHECKED FOR OPERATION, UNITS MAY NEED TO BE ADJUSTED AND HEADS DE-MAGNETIZED.
SIZE: 19 1/2" RACK MTG. 10 1/2" x 15; WT: 100 LBS.
PRICE: USED \$39.50

2 1 3 3

DIGITAL

DISPLAY

ONE PLANE DIGITAL DISPLAY UNIT. PRESENTS ON 1½ x 2 INCH SCREEN NUMBERS 1 TO 11. ANY AMT. OF UNITS CAN BE MOUNTED SIDE BY SIDE TO GIVE A SINGULAR DISPLAY. ILLUSTRATION SHOWS FOUR UNITS SIDE BY SIDE. USES LM-47 LAMPS 6.3 VOLT SIZE: 1½x2½x6; WT: 1 LB. NEW

PRICE: \$9.95 EACH

TEST METER

WESTON 301 METER 3", 500 MICRO AMP FULL SCALE (SCALE NEEDS TO BE RE-DONE), TWO DECK 14 CONTACT CERAMIC WAFER SWITCH 2½", (1) 20K PRECISION POT, (6) DIODES, RESISTORS, SWITCHES ETC SIZE: 6x6x4; WT: 4 LBS.

\$3.95



SELECTOR ANTENNA

SELECTOR-ANTENNA C-2193/A CONTAINS FOUR SMALL RELAYS DPDT 24 VOLT D.C, SIX 906 TRANSISTORS, RESISTORS (15) DIODES (2), (6) CONDENSERS, PRINTED CIRCUIT BOARD ETC. SIZE: 4x4x4; WT: 2 LBS.

\$1.95



CATALOG CHANGES

PAGE		SOLD OUT	NEW PRICE
1	DUMONT OSCILLATOR	"	
1	DUMMY LOAD DA-71/URM-58	"	
1	SCOPE FOUNDATION # Z4360		\$ 5.95
1	TEST PANEL COMPUTER P/O GPA		9.95
1	OSCILLATOR RF P/O GKA		1.95
1	MONITOR SCOPE CONVERTER		12.95
1	VOLTAGE REGULATOR CN-359	NEW	195.00
2	WESTON 301 TYPE 5	"	
2	CABINET RACKS	"	
2	GE METER 0-4 KILOVOLT	"	
3	BC-620 RECEIVER-TRANSMITTER	"	
3	TCS CABLE 3E3860-12	"	
4	BC-454 REC. 3-6 MC. NEW		19.95
4	T-22/ARC-5 TRANS. 7-9.1 NEW		14.95
4	T-23/ " " 100-156 USED		18.95
5	BC-652 RECEIVER	"	
13	3DK9402V-3 & 3D9400 VAR. COND.	"	
16	COMPUTER SIMILATOR	"	
18	P.M. SAMPSEL MOTOR & GEAR	"	
19	ART-13 TRANSMITTER GOOD USED		59.50
19	T-4/FRC- TRANSMITTER	"	
19	TDQ	"	
19	APPLIQUE UNIT 101A	"	
20	SORENSEN POWER SUPPLY	"	
20	RA-34	"	

POWER SUPPLIES

POWER SUPPLY No.7630019. OPERATES FROM 115 VOLT 60 CYCLE DUAL HIGH VOLTAGE OUTPUT 400 DC 200 MA & 400 DC 200 MA. ALSO 6.3 VAC 2.75 A. & 6.3 VAC 5.5 A WITH 2/5R4GY TUBES.

SIZE: 10x7x15; WT: PRICE: \$22.95

CABLE WITH 18 CONTACT PLUG TO FIT P.S \$2.00



POWER SUPPLY No.7630020VR VOLTAGE REGULATED, OPERATES FROM 115 VOLT 60 CYCLE. OUTPUT 200-250 DC. @ 150-250 MA. ALSO 6.3 VAC 2.75A & 6.3 VAC 5.5 TUBES 2/6AS7G, 1/VR-105, 1/6AK7 & 1/5R4G. WT: 30 LBS. SIZE: 11½x10½x6 \$19.95



CABLE WITH 18 CONTACT PLUG TO FIT POWER SUPPLY PLUG, 4 FOOT \$2.00

POWER SUPPLY 763003 (MODIFIED) OUTPUT 375 VDC @ 225 MA & 6.3 VAC @ 2.75 A, 6.3 VAC @ 5.5 A. INPUT 115 VOLT 60 CYCLE. WITH 2/5R4GY TUBES.

SIZE: 9 x 13 x7; WT: 35 LBS. PRICE: \$14.95



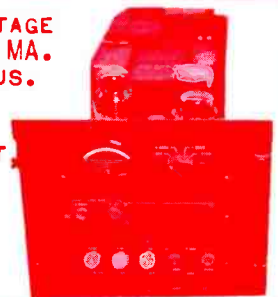
CONNECTOR 18 CONTACT \$2.00

PP-115/TRC-8 POWER SUPPLY OUTPUT 550 VDC 350 MA & 6.3 VAC CT. 6 AMPS. WITH 2/5U4G, 115/230 V 60 CYCLE SIZE: 12x8x14; WT: 50 LBS. ILLUSTRATION SHOWS 115 V APPROX. 100 CFM BLOWER.

PRICES: WITH BLOWER... \$22.95 LESS " ... 18.95



PP-662/GPN POWER SUPPLY, VOLTAGE REGULATED, 300 VDC 10 TO 90 MA. PLUS POTENTIAL, 210 VDC MINUS. WITH TUBES 4/5651, 2/6AH6, 1/12AT7, 2/6AS7, 1/5Y3 & 1/5R4. OUTPUT PIN JACKS WITH ADJUST METERING SWITCH, FUSED OUTPUT & INDICATOR LIGHTS. SIZE: 10x8x20; WT: 35 LBS. No. COVER OR PLUG IN RELAY. PRICE: USED \$16.95



D.C. SUPPLY

D.C. POWER SUPPLY & BATTERY CHARGER. INPUT 115-125 VOLT 60-400 CYCLE, OUTPUT 22-30 VOLT D.C. 70 AMPS. NOT FILTERED. MODERN TYPE USES SILICO RECTIFIERS. MOD. #KBA-28-VDC; SIZE: 15x15x15; 150 LBS



USED \$89.50

SCR-522 RADIO SET 100-156 MC

RECEIVER-TRANSMITTER AM, FOUR CHANNEL, CRYSTAL CONTROL, 30 WATT OUTPUT, 18 TUBES AS FOLLOWS; TRANSMITTER, 1/6SS7, 2/832, 3/12A6, 1/6G6, RECEIVER; 1/9002, 1/9003, 3/12A6, 1/12C6, 2/12AH7, 1/12H6 & 3/12SG7. BOTH UNITS CAN BE REMOVED FROM CASE SEPARATELY. OVERALL SIZE: 16x12x10-3/4" WT: 49 LBS. PRICE: USED \$29.95



RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE: USED WITH TUBES \$14.95 NO TUBES

RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED, WITH TUBES \$14.95 NO TUBES \$7.95

TRANSMITTER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED WITH TUBES \$18.95 NO TUBES \$7.95

BC-602 CHANNEL SELECTOR CONTROL BOX WITH PUSH BUTTONS. BC-602B USED \$1.95 BC-602D NEW \$2.95

NOTE: FOR THE MICROPHONE & PHONE CIRCUITS JACKS CAN BE INSTALLED IN THE BC-602

JB-29 JUNCTION BOX NEW \$2.95
AN-104 ANTENNA, METAL COVERED WOOD NEW 1.95
PE-98 DYNAMOTOR 12 VOLT USED 9.95
PE-94 " 24 " 4.95

PLUGS REQUIRED FOR THE EQUIPMENT

SCR-522 RECEIVER-TRANSMITTER REQUIRES THE FOLLOWING PLUGS, PL-173 TO ANTENNA, PL-169 TO DYNAMOTOR, PL-170 TO JB-29 JUNCTION BOX. \$1.50 EACH

BC-602 CONTROL BOX, REQUIRES FOLLOWING PLUGS, PL-169 TO JUNCTION BOX. \$1.50 EA.

PE-98 OR PE-94 DYNAMOTOR REQUIRES FOLLOWING PLUGS, PL-172 TO BATTERY, PL-171 TO RECEIVER-TRANSMITTER. \$1.50 EA.

JB-29 JUNCTION BOX, REQUIRES THE FOLLOWING PLUGS, PL-170 TO RECEIVER-TRANSMITTER PL-169 TO BC-602 CONTROL BOX. \$1.50 EA.

RA-62 AC POWER SUPPLY FOR SCR-522, OPERATES FROM 115/230 VOLTS 60 CYCLE, SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION. SIZE: 16x11x11; WT: 75 LBS. PRICE USED \$59.50 REQUIRES PL-171 PLUG FOR HOOK-UP TO REC-TRANS PRICE \$1.50. AC LINE CORD DETACHABLE TYPE \$1.00

BC-733 RECEIVER 108.3-110.3 MC AM

AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-POINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY. OPERATES ON SIX CRYSTAL CONTROL PRESET FREQ. COMPLETE WITH TEN TUBES: 1/12AH7, 2/12SG7, 3/717, 2/12SR7, 1/12SQ7 & 1/12A6. VOLTAGE REQUIRED; 24 VDC & 220 VDC 80 MA. WITH SCHEMATIC. SIZE: 13x5x7 WT: 17 LBS. PRICE: USED \$5.95

1-101C CROSS POINT INDICATOR, USED \$1.95
PL-257 PLUG TO FIT 1-101C 1.50

BC-732 CONTROL BOX USED \$1.95 NEW \$2.95
CABLE WITH PL-254 TO FIT BC-733 REC. AND PL-256 PLUG TO FIT BC-732 CONTROL BOX 3 FT. PRICE: \$4.95 PLUGS ONLY 1.50

DM-53 DYNAMOTOR 24 VOLT USED \$4.95 NEW \$6.95
DM-53 AZ " 12 " NEW 7.95
AS-27 RAMS HORN ANTENNA \$5.95
PL-284 TWIN COAX PLUG F/BC-733-AS-27 1.00

R-65/APN 9 RECEIVER INDICATOR

LORAN SYSTEM AS USED ON BOATS AND IN AIRCRAFT. PROVIDES ACCURATE MEANS OF DETERMINING POSITION FROM FIXED TRANSMITTING STATIONS WHEN DESIRED AND OTHER MEANS ARE INEFFECTIVE. CONSISTS OF A RECEIVER, OPERATING IN THE MARINE BAND, AND INDICATOR USING A 3" CATHODE RAY TUBE FOR PRESENTATION OF SIGNALS. OPERATES FROM 24 VDC & 115 VOLTS 400 TO 800 CYCLES. SIZE: 9x12x30; WT: 36 LBS. PRICE; USED, LESS TUBES & LENS..... \$19.95
" " WITH " " \$49.50



ARC-3 100-156 MC

R-77/ARC-3 VHF AIRCRAFT TYPE AM RECEIVER, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 9001, 9002, 12A6, 12H6, 12SH7, 12SL7, 2/12SN7, 3/12SG7 & 6/6AK5. VOLTAGE REQUIRED 24 VDC & 210 VDC 125 MA. SIZE: 11x7x15. WT: 21 LBS. W/SCHEMATIC PRICE: USED WITH TUBES \$22.50 CONNECTOR FRONT OF SET \$2.50

T-67/ARC-3 VHF AIRCRAFT TYPE TRANSMITTER AM, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 2/832, 2/6L6, 1/6J5, 3/6V6 & 1/12SH7. VOLTAGE REQUIRED 24 VDC & 410 VDC 325 MA. SIZE: 15x7x12. WT: 21 LBS. PRICE: USED WITH TUBES..... \$22.95 CONNECTOR FRONT OF SET \$2.50



PRICE: USED WITH TUBES..... \$22.95
CONNECTOR FRONT OF SET \$2.50

JB-68 JUNCTION BOX FOR ARC-3 RADIO SET USED TO MOUNT DYNAMOTORS DY-22 FOR REC & DY-21 FOR TRANS. ALSO HAS CONNECTOR PLUGS TO HOOK UP REC, TRANS, CONTROL BOX & POWER, & RELAYS. SIZE: 10x3x8. WT: 7 LBS. PRICE USED.... \$7.95

CONNECTOR PLUG FOR EACH FACILITY \$2.50 EACH

C-118/ARC-3 CONTROL BOX FOR RECEIVER AND TRANSMITTER. HAS EIGHT PUSH BUTTONS FOR CHANNEL SELECTION AND ONE FOR OFF. SIZE: 6x3x7 WT: 2 LBS. PRICE: \$4.95 CONNECTOR PLUG U-16/U 2.50

IE-36 TEST SET FOR SCR-522 REPRODUCES THE OPERATING FUNCTIONS OF THE CONTROL BOX & JACK BOXES OF THE RADIO BY PROVIDING HEADPHONE & MICROPHONE, CHANNEL SELECTION PLUS ALL OTHER CONTROLS NECESSARY TO OPERATION AND TESTING. CONTROL UNIT BC-1303 PLUGS DIRECTLY INTO THE SCR-522 ALSO HAS PHANTOM ANTENNA & CORD, LAMP EXTRACTOR, ADAPTER PHONE CORD, INSTRUCTION BOOK AND CARRYING CASE, 10x10x4; WT: 8 LBS. PRICE: NEW \$6.95

SCR-522 CABLES WITH PLUG ON ONE END AND LUG TERMINALS ON THE OTHER. EACH CABLE \$2.95
CX-58/VRC-1 PLQ-170 PLUG & LUGS, 36" LONG.
CX-60/VRC-1 PL-169 " " " 36" " "
CX-62/VRC-1 PL-172 " " " 66" " "

TRANSCIEVER

BC-745 AM TRANSMITTER-RECEIVER COVERING THE FREQ. RANGE OF 2-6 MC PHONE, WITH A RANGE OF FIVE MILES UNDER FAVORABLE CONDITIONS. CRYSTAL CONTROL ON TWO PRESELECTED FREQ. BY USE OF PLUG IN COIL & CRYSTAL ASSY. BC-746. THE SET SIZE IS 6x6x6 AND IS MOUNTED ON A 32" STAFF AND HOUSES THE TELESCOPING ANTENNA WHEN NOT IN USE. COMPLETE WITH TUBES, 1/155, 3/114 & 5/3S4 & ONE PLUG IN FREQ. ASSY. VOLTAGE REQUIRED 1.5 VDC, 5 A, 67.5 VDC/20 MA & 105-125 VDC/50 MA. WT: 10 LB. PRICE: USED, \$14.95 UNUSED \$19.95



BC-746 PLUG IN COILS & CRYSTAL ASSEMBLIES CHANNEL #1 3010 KC CHANNEL #2 5030 KC CHANNEL #5 5500 KC CHANNEL #3 5305 KC ONE OF THE ABOVE SUPPLIED WITH PURCHASE OF SET, ADDITIONAL UNITS \$1.95 EA.

T-39 CHEST UNIT THAT WAS USED TO CARRY DRY CELL BATTERIES, ALSO HAS MICROPHONE, PHONE JACK AND NECESSARY CABLE FOR CONNECTING TO RADIO SET. PRICE: USED, \$3.95 UNUSED \$5.95

PE-157 VIBRATOR POWER SUPPLY; OPERATES FROM 2 VOLT WET BATTERY BB-54 WHICH IS INSTALLED INSIDE THE CASE THAT SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION OF THE RADIO SET ALSO HAS 4" PM SPEAKER, CARRYING HANDLE AND CABLE FOR CONNECTING TO SET. SIZE: 11x5x8; WT 17 PRICE: USED NO SPEAKER \$10.95 WITH SPK. \$12.95
NEW " " 12.95 " " 14.95



MN-40 INDICATOR 0-360 DEGREE SCALE 5" WITH VAR. ADJUSTMENT. SAME AS 1-82 INDICATOR ONLY OPERATES MECHANICALLY INSTEAD ELECT BY USE OF SPLINED CONNECTORS AS USED ON MC-124 SHAFT. \$3.95

CONTROL BOXES MN-28C/MN-26C MN-28LB/MN-26LB USED \$3.95 EA. CONNECTOR PLUGS RECEIVER \$2.50 CONTROL BX \$2.50 FLEXIBLE SHAFT 20"/\$1.50 6' \$2.50 8' \$3.00

COMPASS RECEIVER

AN/ARN-7 RADIO COMPASS RECEIVER 100 TO 1750 KC USED FOR AIRCRAFT DIRECTION FINDING BUT CAN ALSO BE USED ON BOATS. THE RECEIVER IS A SUPERHETERODYNE WITH ADDITIONAL CIRCUITS FOR OPERATION OF THE AURAL RECEPTION AS SHOWN ON THE INDICATORS. COVERS THE FREQUENCY RANGE OF 100 TO 1750 KC IN FOUR BANDS CONTINUOUS TUNING FROM CONTROL BOX WHICH IS A SEPARATE UNIT. UNIT OPERATES FROM 115 VOLT 400 CYC & 24 VDC AND IS COMPLETE WITH TUBES 4/6K7, 1/6L7, 1/6J5, 2/6E8, 2/6F6, 1/6N7, 1/524, 1/6SC7 & 2/2051. SIZE: 12x8x19; WT 45 LBS.

R-5/ARN-7 RECEIVER ONLY, USED \$18.95
ITEMS LISTED BELOW ARE REQUIRED FOR ADF OPER.

C-4/ARN-7 CONTROL BOX USED \$3.95 NEW \$5.95
1-81 INDICATOR 3" " 2.95
1-82A " 5" " 3.95
LP-21 AM LOOP ANTENNA " 9.95
FT-224 MOUNTING F/C-4CB " 1.50
MG-149F INVERTER " 14.95
MC-203 SHAFT COUPLING "T" " 1.00
MC-136 SHAFT " RT/ANGLE " 2.50
BK-22 RELAY JUNCTION BOX " 2.95
MC-124 FLEXIBLE SHAFT 2 FT. 1.50
CD-365 CABLE FOR LOOP 5 FT. 2.75
PL-122 CONNECTOR PLUG FOR RECEIVER 2.50
PL-112 " " " LOOP 2.50
PL-118 " " " 1-81 OR 1-82 2.50

BC 433G COMPASS RECEIVER ADF SAME AS R-5/ARN-7 RECEIVER SHOWN AND DESCRIBED ABOVE ONLY COVERS THE FREQUENCY RANGE OF 200 TO 1700 KC AND USES ALL THE SAME ACCESSORIES WITH THE EXCEPTION OF THE CONTROL BOX WHICH IS BC-434A PRICED AT \$3.95 USED.
BC-433 RECEIVER ONLY, WITH TUBES USED \$12.95

MN-20C MANUAL ROTATABLE LOOP ANTENNA USED WITH RA-100B & MN-26 RECEIVERS AS A DIRECTION FINDING ANTENNA IN THE 150 TO 1500 KC RANGE. 7 LBS
MC-124 FLEXIBLE SHAFT FOR USE WITH LOOP 10 FT. \$1.95
AC-58267-2 CABLE 5 WIRE SHIELDED FOR ANTENNA CONNECTIONS. 8 FT. PLUG ONE END ONLY. \$1.95
MN-52 AZIMUTH CONTROL FOR MANUAL TURNING OF LOOP WITH CRANK AND BY USE OF FLEXIBLE SHAFT, HAS 0-360 DIAL, GRAIN OF WHEAT LAMP, SWITCH & CRANK. USED \$1.95 N. \$2.95



MN-26 C RADIO RECEIVER FOR AIRCRAFT OR MARINE USE CAN ALSO BE USED FOR HOME USE FOR WEATHER REPORTS. FREQUENCY COVERAGE 150 TO 1500 KC IN TWO BANDS. ELEC.

BAND CHANGE, CONTINUOUS TUNING FROM MN-26C REMOTE CONTROL BOX. COMPLETE WITH 24 VOLT DC DYNAMOTOR, TUBES, 5/6K7, 2/6N7, 1/6B8, 1/6F6, 1/6L7, 2/6J5 AND MN-26C CONTROL BOX ALL USED REC. SIZE: 12x6x16; WT: 37.5 LBS. CONT. 6x5x2. 3 LBS PRICES: MN-26C RECEIVER ONLY USED \$9.95

SEE BELOW FOR ADDITIONAL ITEMS


MN-26LB RADIO RECEIVER FREQUENCY COVERAGE 200-410, 550-1200 KC AND 2.9 TO 6.0 MC IN THREE BANDS. SAME AS MN-26C ABOVE EXCEPT FOR FREQ. COVERAGE AND TUBE LINE UP, 5/6K7, 2/6N7, 1/6L7, 2/6B8 & 1/6F6. COMPLETE WITH 24 VOLT DYNAMOTOR & TUBES. USED CONDITION PRICES: MN-26LB RECEIVER ONLY USED \$9.95

SEE BELOW FOR ADDITIONAL ITEMS

BC-652 RECEIVER A.M. 2-6 MC. IN TWO BANDS, LARGE ILLUMINATED DIAL, AVC, MFC, VOL, VOLUME CONTROL, OUTPUT JACK FOR HEADSET AND SPEAKER ON FRONT PANEL, WITH TUBES 1/12SG7, 2/12K8, 2/12SK7, 1/12C8, 2/12SR7, 1/6K8, 2/6SC7 & 1/6Y6. ORIGINALLY OPERATED FROM 12 OR 24 VDC DYNAMOTOR. VOLTAGE REQUIRED 12 OR 24 VDC & 172 VDC 138 MA. SIZE: 7x14x12; WT: 50 LBS. USED \$24.95
DM-40 DYNAMOTOR 12 VOLT OPERATION U. 2.95
CONNECTOR PLUG FOR REAR RECEIVER 1.50
AC POWER SUPPLY 115 VOLT 60 CYCLE KIT OF PARTS \$15.00 WIRED 19.95
A.C. SUPPLY IN CABINET WITH SPEAKER 29.95



Headsets — Telephone Equipment — Microphones — Handsets



HS-33 HEADSET
600 OHM IMPEDANCE
LEATHER HEADBAND
18" CORD W/PL-54
W/RUBBER CUSHIONS
USED \$3.95

W/CHAMOIS CUSHIONS
USED \$4.95


AS ILLUSTRATED.

TS-365/GT LINESMAN'S HANDSET
135 OHM REC.
75" XMTR.
W/SWITCH, CORE
& CLIPS.
ALL METAL
USED \$3.95




HS-23 HEADSET
2000 OHM IMPEDANCE
LEATHER HEADBAND
18" CORD W/PL-54
W/RUBBER CUSHIONS
\$5.95
W/CHAMOIS CUSHIONS
NEW \$6.95

CHAMOIS
CUSHIONS
\$1.50
A PAIR




EE-8 FIELD TELEPHONE
EE-8 FIELD TELEPHONE: Can be used for private telephone system in home, factory, farm, garage etc. Operates from two flashlight batteries up to 17 miles. Uses two conductor wire for two or more phones. Magneto ringer for calling. With carrying case & straps. Used checked \$12.95 Two for \$25.00

H-22/U HANDSET with retractable Y cord, PL-68 Mic. & PL-55 Phone Plugs. Butterfly switch. USED \$4.95

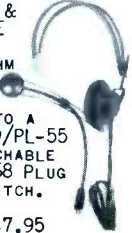
TS-13 Handset with Y cord PL-68 Mic. & PL-55 Phone plugs. Used \$2.95

TS-9 Handset No Plugs with switch & lugs. Used \$2.95 New \$3.95.

Handset Hanger rubber covered as illustrated. \$1.50 each 3/\$4.00

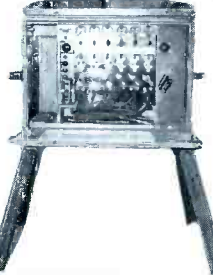



HS-30 HEADSET
250 OHM IMPEDANCE
HEARING AID TYPE
EAR PCS. FIT IN-SIDE EAR. LIGHT-WEIGHT HEADBAND, CORD 9" LG. WITH SPADE LUGS.
(SEE CD-604 CORD)
NEW \$1.00
USED .75



H-55/U HEADSET & BOOM MICROPHONE
SINGLE ELEMENT
EARPHONE 300 OHM & ADJUSTABLE BOOM MIC. 40 OHM; MODIFIED TO A 3rd PHONE CORD W/PL-55 PLUG & 4th DETACHABLE MIC CORD W/PL-68 PLUG & MOMENTARY SWITCH.

PRICE: USED \$7.95



BD-71 Switchboard
Portable 6 line hand ringing magneto type using flashlight batteries for operation. Repeating coils on two lines to permit simplexing, TG circuits. Can be used with any magneto type telephone such as EE-8, RM-29, EE-91 ED-89. Case size 18x12x14. WT. 60 lbs. Ideal for factory, camp, farm, Complete with Headset & Chest Microphone. USED \$9.95 RE-COND. \$14.95

T-26 MICROPHONE
Carbon w/ switch, chest straps & 8 FT. cable.



Used \$1.00 New \$1.75


T-17 MICROPHONE
Carbon hand type with push switch



RE-COND \$5.95



T-45 LIP MIC




WECO-528 HEADSET
250 OHM
DOUBLE WIRE HEADBAND WITH ONE EAR PIECE, PAD ON OTHER SIDE.

PRICE \$1.25
RE-NEW LESS PHONE CORD




T-30 THROAT MIC. Elements only \$1.00 a dozen



BD-89 SWITCHBOARD
Manually operated, combined magneto & battery, non-multiple, 20 magneto lines, 40 CB lines, 4 two way manual pr dial drop end trunk CKT, 5 conference jacks, 3 outgoing line ckt., 2 thru line & 13 universal cord ckt. one position, two panels, size 52"x22"x31" SHIPPING WEIGHT 250 LBS.

PRICE: RE-COND. \$79.50 USED \$59.50

CARBON MICROPHONE AS USED IN OLD TYPE UPRIGHT TELEPHONES. STROMBERG CARLSON No. P-26790/26791 \$1.50



BZ-7 INTERRUPTER; RINGING TELEPHONE MAGNETIC DIAPHRAM TYPE, 3 VDC. CAN BE USED AS CODE BUZZER. \$1.50


T-45 MICROPHONE
CARBON TYPE 100OHM
50DB BELOW 1 MILL-VOLT, FLAT RESPNS WITH PL-291 2 CONT MALE PLUG, 11" CORD
PRICE: UNUSED \$1.00
USED \$.65




CD-307 CORD EXTENSION FOR CORDS WITH PL-54 PLUG AS USED ON HEADSETS, 65" LG WITH JK-26 JACK & PL-55 PLUG.
NEW 89¢ USED 69¢

T-30 MICROPHONE
CARBON TYPE, 75 OHM
50DB BELOW 1 MILL-VOLT, FLAT RESPNS WITH PL-291 2 CONT MALE PLUG, 11" CORD
PRICE: USED 3/31 UNUSED \$.75

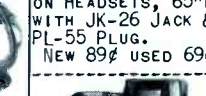
RM 29 CONTROL
REMOTE CONTROL UNIT USED FOR CONTROL OF RECEIVER & TRANSMITTER OR OVER TELEPHONE LINES WHEN TWO OR MORE ARE CONNECTED TO-GETHER BY WIRE AND WILL OPERATE UP TO 15 MILES. REQUIRES 4 1/2 VOLT DRY CELL FOR OPERATION. HAS MAGNETO GENERATOR FOR RINGING, PATCH CORDS WITH PL-68 & PL-55 PLUGS
SIZE: 9x6x5; WT: RM-29 14 LBS. W/HANDSET 16 LB;
PRICES: RM-29 REMOTE CONTROL UNIT ONLY \$6.50
RM-29 WITH HANDSET \$9.50
RM-29 WITH HANDSET & HOLDER, NOT MOUNTED 9.95



T-56 SOUND POWERED MICROPHONE 225 OHMS PART OF SOUND LOCATING SET GR-6A. HAS SPIKE ON DIRECTIONAL PART OF MIC. FOR PUSHING INTO GROUND. SIZE: 3 1/2 x 2 1/2 SPIKE 6" WT 1 1/2 STK#281656 PRICE! RE-NEW \$1.25







CD-318 EXTENSION CORD WITH PL-291 2 CONTACT FEMALE PLUG TO FIT T-45 & T-30 MICS. SW-141 SWITCH & PL-68 MIC PLUG ON 7 FT. CORD
NEW 89¢ USED 50¢



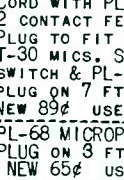
CD-604 CORD WITH IMPEDANCE MATCHING TRANSFORMER 500OHM TO 4000, USED WITH HS-30 HEADSET, 6" CORD & PL-54 PLUG.
NEW 50¢ USED 25¢

BRUSH CRYSTAL HEADPHONE ELEMENT
W/RUBBER EAR PADS LIGHTWEIGHT
BJ#F6#2 \$1.00 EA.

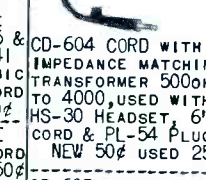


 R-15 PHONE ELEMENT 6000 OHM W/RUBBER CUSHION F/2" HEADBAND MFG. \$1.25	 PHONE ELEMENT F/TS-9K HANDSET 250 OHM, 2 1/2" DIA W/CLIPS. K.S #838 \$1.00	 CANADIAN PHONE ELEMENT 100 OHM 1 1/2" DIA. FOR 2" HEADBAND. #C-3 10A/36988 \$.75
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TELEPHONE WIRE
TWO CONDUCTOR OUTDOOR 7 STRANDES COPPER WELD NEW MANUFACTURE WD-7 HALF MILE SPOOLS \$35.00
ONE " " " 65.00
PRICE PER FOOT .01 1/2

JK-33 JACK TO FIT PL-68 MIC. PLUG. USED 6 FOR 50¢



CD-605 CORD SAME AS CD-604 ONLY 30" LG. WITH PL-55 PLUG
NEW 75¢ USED 50¢

MICROPHONE BUTTON CARBON 50 OHM
WILL REPL-ACE F-1 ELEMENTS. #K-53-0654 \$1.00




 PHONE ELEMENT F/TS-13, H-23 ET HANDSET, TYPE 41 3500 OHM. AUTO. ELEC. D-5189A \$1.00	 CANADIAN LIGHTWEIGHT HANDSET NO CORD PHONE 300 OHM #ITE NO1 MK-111 YA-7225 \$3.95	 CANADIAN MICROPHONE W/ SWITCH & CORD FOR ABOVE PHONE, MAGNETIC 300 OHM, #10A/1257L \$1.25
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T-24/M CARBON MICROPHONE WITH PUSH TO TALK BUTTON AND MODIFIED WITH 4 FT. COILED CORD & PL-68 PLUG. WT: 1/2 LB. PRICE: NEW \$4.95



R-14 SPEAKER; 1000 OHM EAR PHONE ELEMENT IN 3" METAL CASE WITH PL-54 PLUG & CORD CALLED MINE DETECTOR RESONATOR. #282156 PRICE: \$1.00



SHURE CONTROLLED MAGNETIC MICROPHONE HIGH-IMPACT ARMY DUFF CASE. IMPEDANCE 1500 OHM; 50 DB OR BETTER; 15 FOOT CABLE WITH 4 PRONG AMPHENOL PLUG, & EASY HOLD PUSH TO TALK SWITCH. SHURE MODEL#CRM. WT: 2LBS. PRICE: NEW \$9.95

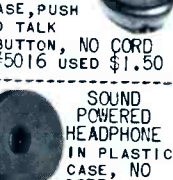


COILED CORD SET
THREE CONDUCTOR 24" to 72" 75¢
12" to 36" 50¢
FOUR CONDUCTOR 12" to 36" \$1.00

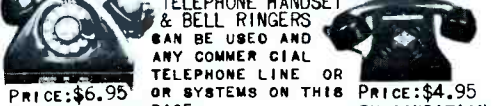
MC-385 HIGH TO LOW ADAPTER
IMPEDANCE FOR HEADSET 4000-6000 OHM USED \$.50 NEW \$.75



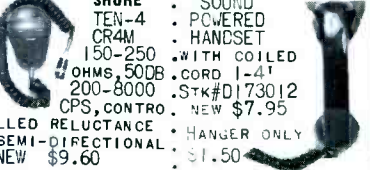
SOUND POWERED HEADPHONE IN PLASTIC CASE, NO CORD. #R5017 USED \$1.50



STANDARD TYPE TELEPHONE HANDSET & BELL RINGERS CAN BE USED AND ANY COMMERCIAL TELEPHONE LINE OR OR SYSTEMS ON THIS PAGE. PRICE: \$6.95 EX-CONDITION \$4.95 EX-CONDITION

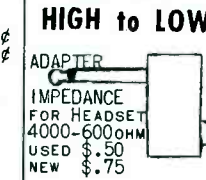


SHURE TEN-4 SOUND POWERED CRAM HANDSET 150-250 OHMS, 50DB. WITH COILED CORD 1-4' 200-8000 CPS, CONTROL. STK#0173012 NEW \$7.95
LLED RELUCTANCE SEMI-DIRECTIONAL NEW \$9.60



COILED CORD SETS
THREE CONDUCTOR 24" to 72" 75¢
12" to 36" 50¢
FOUR CONDUCTOR 12" to 36" \$1.00

MC-385 HIGH TO LOW ADAPTER
IMPEDANCE FOR HEADSET 4000-6000 OHM USED \$.50 NEW \$.75



HEADSET EARPHONE CUSHIONS SPONGE RUBBER FOR 24" ELEMENTS. #48514 \$1.00 PAIR



DIAL ONLY \$1.25 EXCEL COND. \$1.50

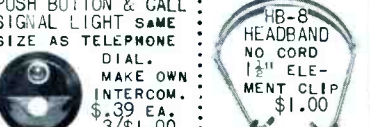
STANDARD TELEPHONE HANDSET & CORD EXCEL COND \$1.25

HANDSET HOLDER FOR HORIZONTAL MOUNTING, SIZE 1 1/2 x 3 1/2 #6988 \$.50

TELEPHONE BELL FOR MAGNETO GENERATORS. # MC-131 \$1.25



PUSH BUTTON & CALL SIGNAL LIGHT SAME SIZE AS TELEPHONE DIAL. MAKE OWN INTERCOM. \$.39 EA. 3/\$1.00



Control Boxes

Filters

Indicators

Tuning Units

Amplifiers

SWITCH

FIVE WAY STICK SWITCH
N-S-E-W & CENTER PUSH
MICROSWITCHES SPDT
15 A. 125 V. MTG.
SIZE 4x4x4, STICK
6" LONG, 3 LBS.
\$2.95



TEN
PUSH BUTTON
LEVER SWITCH
3 SWITCHES 7 MAKE 1 BREAK
3 " 5 " | NONE
1 " 3 " | MOMENTARY
4 BREAK MOMENTARY,
RELEASES 1-7, HOLDS #8
SIZE: 8x6x1 1/2; 3 LBS. \$2.95

SWITCH

HEAVY DUTY 8 CON
TACT WITH 6
DIFFERENT COM-
BINATIONS OF
MAKE & BREAK.
S#40373, SIZE: 3x4x6; 4 LBS.
\$1.95



RM-21 CONTROL BOX WITH HAND-
SET MANGER, 3 MOMENTARY SW-
ITCHES, CABLE AND PLUG.
USED WITH BC-669. \$3.95

C-87/ART-13 CONTROL BOX,
WITH 11 CHANNEL SWITCH, OFF,
VOICE, C.W-MCW, IND. LIGHT,
MIC JACK & CODE KEY. \$2.95

BC-658 SWITCHING CONTROL
BOX FOR CONTROLLING 2 SETS.
HAS 2 SETS OF PL-68 & PL-5C
PLUGS ON 4' CORDS AND 5PDT
SWITCH. PRICE: \$2.95



BC-1303 CONTROL UNIT USED
IN IE-36 TEST SET FOR SCR-
522. HAS ALL FACILITIES FOR
OPERATION, OFF-A-B-C-D CHAN-
NEL SWITCH, MIC, PHONE & ANT.
JACKS, TRANS, REC & REMOTE SW.
& PL-170 RECEPTACLE. \$3.95

VERNIER DIAL
6" 2 SCALES WITH
DIAL LOCK. USED
IN TAJ TRANSMIT
PRICE: \$3.95



BC-1366 BC-345
C-4/ARN-7 RADIO COMPASS
CONTROL BOX USED W/R-5, 5A
ARN-7, THREE BANDS 200-1750
2" TUNING METER & GRIND OF
WHEAT LAMPS. TAKES MC-124
CONTROL SHAFT. USED \$3.95
FT-224 MOUNTING FOR C-4 BOX
WITH TERMINAL STRIP & PLUG
USED \$1.50

BC-1366 CONTROL BOX CONSIS-
TS OF 5 POSITION ROTARY
SWITCH, VOLUME CONTROL
& MICROPHONE & PHONE JACKS
PRICE: \$7.75

BC-345 CONTROL BOX WITH 3
POSITION SWITCH MICROPHONE
& PHONE JACKS.
PRICE: \$5.50

BC-1366 CONTROL BOX CONSIS-
TS OF 5 POSITION ROTARY
SWITCH, VOLUME CONTROL
& MICROPHONE & PHONE JACKS
PRICE: \$7.75

Beam Filter

NAVY TYPE RANGE BEAM FILTER
1020 CYCLE ACCEPTANCE OR
REJECTION.
PRICE: WITH PL-55 \$1.95
NO PL-55 1.50

TL-150 TUNING WAND
FOR BC-659, BC-620 \$7.75

SIDE BAND
Loading Coil
C-114 - \$1.50

PHONE PATCH
TRANSFORMER
C-161 - \$1.50

ID-304/APA-70
COURSE INDICATOR
WITH 2 CROSS-
POINT MICROAMP-
METER MOVEMENTS
50-0-50 & -25-0-75 ON/OFF
SWITCH. WESTON #886. SIMILAR
TO 1-101C F/GLIDE RECEIV
3x3x4; 3 LBS. NEW \$4.95
CONNECTOR TO FIT... 1.50

KLAXON HORN
USED ON AIRCRAFT
LANDING GEAR SIG-
NAL. OPERATES 24
VDC, CAN BE ADJ-
USTED FOR 12 VDC ALSO FOR
SOUND, GIVES OUT RASP. NOISE
5x5x3; 4 LBS. UNUSED \$1.50

VOBUlator MAGNET
ELECTRO-MECHANI-
CAL SWEEP GENER-
ATOR CAPACITOR AS
USED IN PRECISION INSTRUM-
ENTS FOR FREQ. SHIFTING.
WITH 2" ALNICO MAGNET.
REMOVED FROM EQUIPMENT.
2 1/2 x 2 1/2 x 2 1/2; 2 1/2 LBS \$1.00

THREE DIGIT COUNTER AS
USED IN BC-
461 REEL BOX
HAS RESET &
EXTENSION. 2 1/2 x 1 1/2 x 1 1/2. \$1.00

THREE DIGIT COUNTER
OPEN TYPE, BEVEL GEAR
STK. #773 \$1.50

FOUR DIGIT COUNTER
FULLY ENCLOSED &
BEVEL GEAR.
VR# S-30 \$1.65

C-60/AP CONTROL
BOX. METER 2 1/2"
0-150 VOLT 400
CYCLE, TWO MICRO
SWITCHES AND ADJ
CONTROL. SIZE 6 1/2
x 6 1/2 x 3; WT: 3 LBS. USED \$1.95



C-30/ARC-5 BC-451 BC-136/2
C-30/ARC-5 CONTROL BOX WITH 7
push button switches marked A, B,
C, D, OFF, 1, 2. Also tone, SW & voice
switch & connectors.
Price... \$2.95

BC-451 CONTROL BOX with switches
tone-CW-voice, on-off, 1/2/3/4
also code key, mic & phone jacks.
used \$7.75 Price New \$1.50

BC-136-2 Control unit with mic
& phone jacks, volume control &
two binding post.
\$.35 each Four for \$1.00

1-101 CROSS
POINT INDICATOR
FOR COMBINED USE
FROM LOCALIZER
REC. & GLIDE PATH
REC. PART OF ARN-
5 & RC-103. SIZE 3 1/2 x 3 1/2 x 3
WT: 3 LBS. USED \$1.95

COAXIAL RELAY
THREE SO-239
COAX. CONNECTORS
WIRED FOR 24 VOLT
HAS TAPPED COIL
FOR CHANGING TO
12 VOLT DC.
SIZE: 3x3x2; WT: 1 LB.
#RE-13/ARA-8 USED \$2.95

RE-1A/ARR-1
ROTARY TYPE RELAY
14 VOLT W/6 CONTA
WAFFER SW. 2/S0239
& 2 BINDING POSTS
SIZE 4x4x2; 1 1/2 LB
\$1.00

NEW TYPE CHANGE
OVER RELAY WITH
TWO 1G-88/U AND
ONE UG-290/U
COAXIAL CONNECT.
WILL OPERATE ON 12 OR 24 V
DC. UG-88 ON 15" COAX. CABLE
COL.#354-1013-00 \$2.95

BATTERIES

BB-241/U
PLASTIC NON-
SPILLABLE BALL
INDICATOR, 3
2 VOLT 24 AMP
HOUR BATTERIES
TO METAL CASE
MAKING 6 VOLT 24 A.H. FUSEL
LINE. SIZE 7 1/2 x 8 x 4; WT. 13 LBS
#17-1550-300-300 NEW \$7.95

BB-212
PLASTIC
NON-SPILL-
ABLE, BALL
INDICATOR
2 VOLT 40 A.
7x4x2 1/2; WT: 7 LBS. \$1.95

BB-208/AMT RADIO-
SONDE DRY CHARGE
BATTERIES, 4 IN
A VACUUM PACKED
CAN, ONE 6V 2 1/2 HR
THRU 30 OHMS, 3
36V EA. 3A HR.
THRU 1200 OHM, EA. BATT. SIZE
1-5/16x29/32x4-5/32; WT. EA.
BATT. 4 1/2 OZ.
BATTERY PACK (4) \$3.95

N-T-6 PLASTIC
STORAGE BATTERY
DRY CHARGE, 6
VOLT 4 AMP, 3 1/2 x
2 1/2 x 2; 1 1/2 LB \$3.95

C-134/APN
CONTROL BOX WITH SPIN KNOB
1-10 DIAL AND CONNECTOR
FOR SPLINE SHAFT MC-215
FLEXIBLE SHAFT. SIZE: 2 1/2 x
3 x 2. WT: 1 1/2 LB #C-134/APN
PRICE: \$7.75

AUTOTUNE HEAD FOR ATC/ART-
13 TRANSMITTERS. MULTITURN
UNIT WITH DIAL 0-100, KNOB,
REVOLUTION COUNTER, LOCKING
DEVICE FOR PRESETTING.
CONTROL "B". COL#23518
PRICE: \$1.95

RIGHT & LEFT
ANGLE DRIVE
SHAFT 3/16"
SIDE 1/2 MALE & 1/2
FEMALE. 2 1/2 x 2 1/2 x 1 1/2
\$1.50

VERNIER DIAL 2 1/2"
100 TO 0 SCALE.
TAKES 1/2" SHAFT.
PRICE: \$1.50

MAGNESYN
INDICATOR

GEAR TRAIN
INDICATOR

MAGNESYN INDICATOR 3", 26
VOLTS 400 CYCLE OPERATION;
200-0-200 SCALE ILLUMINATED
USED WITH APA-44 EQUIPMENT
FOR INDICATION OF WIND IN
KNOTS, N-S-E-W.
SIZE: 3x3x3, WT 3/4 LB USED
BENDIX#20004-64J-A1 \$1.95

GEAR TRAIN INDICATOR ASSY.
10 TO 1 RATIO; INSIDE SCALE
10-0-10, OUTSIDE SCALE 0-10
DIAL KNOB ADJUSTMENT FOR
DIAL READING. GEAR TRAIN 1:1
COUPLED TO A 20,000 OHM 1%
MICROPOT. USED WITH APA-44
EQUIPMENT FOR NAUT. MILES
CONTROL. SIZE: 3 1/2 x 3 1/2 x 4 1/2. 1 LB.
ASSY#D-153223 OR EQUAL.
PRICE: USED \$1.95

COUNTER
CHAFF DISPENSER
CONTROL WITH 5
DIGIT DECLINING
COUNTER 2 AT A
TIME 24 VDC
OPERATION ALSO
12 POSITION WAFFER SWITCH.
LESS DIAL LIGHT ASSY & SW.
6x4x3; 2 LBS. \$1.50

BC-461 CONTROL BOX
FOR RL-41/42 REEL,
CONTAINS 3 DIGIT
COUNTER & CONECTR
FOR SMALL SPLINE
MC-215 FLEX. SHAFT
5 1/2 x 3 x 2; 1 LB.
PRICE: \$2.95

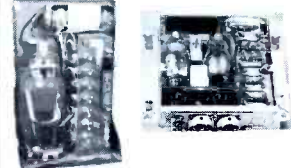
TUNER ASSEMBLY for 2 to 6 MC.
Part of BC-728 RECEIVER, which
consists of four channel push
button assy. with RF, ANT., & OSC.
coils all slug tuned. Also cond.
resistors etc. Size 4 x 4 x 3 1/2 lb
Stock #204728/T4. Price \$1.50

DETONATOR IMPACT SWITCH with two
micro switches that make contact
when the unit is jarred. Used in
Planes to detonate bombs when
wrecked. Size 5 1/2 x 4 1/2". WT. 1 1/2 lbs.
Stock # BC-706 Price \$1.50

RIGHT & LEFT
ANGLE DRIVE
SHAFT 3/16"
SIDE 1/2 MALE & 1/2
FEMALE. 2 1/2 x 2 1/2 x 1 1/2
\$1.50

VERNIER DIAL 2 1/2"
100 TO 0 SCALE.
TAKES 1/2" SHAFT.
PRICE: \$1.50

ID-14/APN-1
RADIO ALTITUDE
METER, 3" SCALE
0-6 MA MOVEMENT.
CAN BE USED AS
A BASIC METER
MOVEMENT AND
CHANGE SCALE AS DESIRED.
PRICE: USED \$1.50



BC-347 AIRCRAFT INTERPHONE AMPLIFIER

Used in small planes for speak-
ing. Has two oncer transformers
Carbon microphone input & stand-
ard headset output. Requires
12 Or 24 volt & 250VDC. Uses
6P8G tube. Size 3x2x5 WT 3lbs.
With tube \$1.95 Less tube \$1.25
BC-216 MICROPHONE AMPLIFIER

Aircraft type amplifier use
tubes 1/39/44 & 1/6F7. Two car-
bon microphone inputs. Voltage
required 12 volts & 150VDC 40
Ma. Size 8 1/2 x 6 1/2 x 2. WT. 3 lbs
With tubes \$1.95 Less tubes \$1.

AMPLIFIER
USED IN TANK
FOR INTER-
PHONE. W/TWO
6V6 TUBES,
LESS DYNAMOT
OR. REQUIRES 250 VDC 50 MA.
& FILAMENT VOLTAGE.
SIZE: 9x9x3; WT: 10 LBS.
BC-367 NO CASE F/12V \$1.95
BC-667 W/ " F/24V 2.95

BATTERY
CHARGER
FOR BB-51
& BB-52
BATTERIES.
TRICKLE CH
OPERATES FROM 6 OR 12 VOLT
STORAGE BATTERY. HAS 2-3"
METERS 0-100 DC VOLTS AND
0-30 & 0-300 DC MILLIAMPS
SCALES.
SIZE: 12x8 1/2 x 7; WT: 20 LBS.
PRICE: \$19.95

3 DIGIT COUNTER
SIZE: 3 1/2 x 1 1/2
SHAFT 1/2 x 1/2
#VR7604916 75¢

RE-2/ARC-5 MUSIC BOX
RE-2/ARC-5 NAVY TYPE ANTENNA
SWITCHING & CURRENT
INDICATING UNIT. AS USED
WITH COMMAND TRANS. & REC.
CONTAINS A 24 VDC SWITCH-
ING RELAY, 2" 0-10 ANTENNA
CURRENT METER, 50MMF 7.5
KV VACUUM CAPACITOR ETC.
SIZE: 4x5x4 WT: 2 LBS
PRICE: NEW \$3.95

CHROME MUSIC BOX AS USED
WITH JUTE BOXES. CONTAINS
5" DYNAMIC SPEAKER, 12 VOL
COIN TIMER MOTOR AND ASSY.
FOR PENNY OPERATION. CAN
BE USED AS AN EXTENSION
SPEAKER AND OPERATE RADIO
REMOTELY. SIZE: 8x6x5 7LBS
PRICE: USED \$1.25

TS-279 DUMMY ANTENNA LOAD

Three inch pyrex
feed thru insula-
tor, 1000 ohm 100
watt resistor
with two test lead
& clips. Cabinet
size 13 x 6 x 4".
Can be used for
a chassis.
Stock # TS-279
Price \$1.95

MINIMUM ORDER \$3.00

INVERTERS



INPUT: 27.5 VDC 150 AMP.
OUTPUT: 115 VAC 2500 VA
400 CYC 1 PHASE
SIZE: 15 x 11 1/2 x 8 WT 58 LBS.
P/N13-2500-3
PRICE: UNUSED \$24.95

INPUT: 27 1/2 VDC 45 AMP.
OUTPUT: 115 VAC 750 VA.
400 CYC 3 PHASE
SIZE: 7 1/2 x 11 1/2 x 1 1/2 WT:
LELAND P/N 3534-1
PRICE: UNUSED...\$34.95



MG-149F INVERTER

INPUT: 24 VDC 36 AMPS.
750 VA
OUTPUT: 115 V 400 CYCLE
1 PHASE 500 VA
26 V 400 CYCLE
1 PHASE 250 VA
SIZE: 12 x 7 1/2 x 8, WT: 21 LB.
PRICE: USED \$14.95

CONNECTOR PLUG TO FIT \$1.50



RA-87 AC RECTIFIER

Selenium type rectifier use with teletype printers operates from 115/230 volts 50-60 cycle output 115 volts DC .400 amps & 110 volt 50 - 60 cycle. Size 14 1/2 x 7 1/2 x 8 WT. 43 lbs.

NEW \$8.95



RA-62 AC POWER SUPPLY

Power Supply used with SCR-522 Transmitter-Receiver supplies all the necessary voltages.
INPUT: 115/230 60 cycle
OUTPUT: 300 VDC 230 MA.
-150 VDC 8 MA.
13 VDC 3.9 AMPS.
Completely fused & filtered.
Size 16 x 11 1/2 x 11 WT. 75 lbs.
PRICE: USED CHECKED \$59.50



MP-28 MODULATOR & DYNAMOTOR
Power Supply for TA - 12 TRANSMITTER Class "B" Modulation Maximum signal output 75 watts.
Complete with 2/887, 1/6N6, 1/6N7 tubes. Dynamotor 24 VDC input output 540 VDC 450 MA. NEW With 24 V Dynamotor \$12.95
CONNECTOR PLUG \$2.50



COMMAND ARC-5 POWER SUPPLY & SPEAKER #PS-274

OPERATES FROM 115 VOLT 60 CYCLE AND SUPPLIES ALL THE PROPER VOLTAGES FOR OPERATION PLUS C.W. SWITCH, VOL UME CONTROL, ON/OFF SWITCH HEADPHONE JACK AND 6" SPEAKER. CAN ALSO BE USED FOR OTHER RECEIVERS, OUTPUT VOLTAGE IS 220 VOLT 60 MA. & 24 VAC 2 A. WT: 15 LBS. SIZE: 10x10x6. \$18.95

DM-64 DYNAMOTOR

\$8.95

NEW

INPUT: 14 VDC 5.1 AMPS.
OUTPUT: 275 " .150 "
SIZE: 2 1/2 x 3 1/2 x 6 1/2; WT: 6 LBS

VIBRATOR SUPPLY



MAR 2/6 VOLT VIBRATORS, 2/ TRANSFORMERS & 2/024 TUBES. INPUT 6 VDC, OUTPUT 540 VDC 150 MA. CAN BE TAPPED AT 270 VDC 150 MA. USED WITH MOTOROLA TRANS. FMT-25. SIZE: 9x6x5 WT: 10 LBS. NEW STK#3H6694-5 PRICE: \$9.95



AC POWER SUPPLY BC-603 BC-683

This unit operates from 115 volts 60 cycle and was designed to be us plug into the same place where the dynamotor did on the BC-603-683 receivers. No conversion to set is necessary expect for the installation of the on-off switch in the spare fuse holder. Unit is transformer type with 5Y3GT rectifier tube. CHASSIS IS NOT HOT. Dynamotor can be used by removing AC supply.

KIT OF PARTS \$10.00 Wired \$14.95

12-24V CONVERTER



PP-18/AR VIBRATOR POWER SUPPLY
INPUT: 12 VDC
OUTPUT: 28 " & 1.5 AMPS.
FILTERED UNIT USING A NITROGEN FILLED SEALED VIBRATOR. USED BY THE NAVY & AIRFORCE TO OPERATE ARC-5 & COMMAND RECEIVERS. TWO OR MORE UNIT CAN BE WIRED IN PARALLEL TO OBTAIN A HIGHER CURRENT. COMPLETE WITH CONNECTING PLUGS, MOUNTING & SPARE VIBRATOR. SIZE 6 1/2 x 5 1/2 x 8 1/2; 9 LBS. PRICE: NEW \$7.95



NEA-3 AC & DC GENERATOR

OUTPUT: 115VAC 800 CYC. 10.5 Amp
28VDC 60 AMP. @ 2400 RPM
Spline shaft size: 7/8 x 1 3/4
Size: 6 1/2 x 7 1/2 x 13 WT. 44 lbs.
UNUSED \$18.95

RI GENERATOR

OUTPUT: 28.5 VDC 300 AMPS.
2500 TO 6000 RPM
SPLINED SHAFT 7/8 x 1 3/4"
SIZE: 6x8x14 1/2; WT: 50 LBS.
USED \$19.95



12 VOLT GENERATOR 50 AMPS. 38 LBS.
SIZE 9x6x6
SHAFT 3/4x2
KEYED & NUT DELCO#110646
PRICE: NEW \$9.95



24 VOLT GENERATOR 50 AMP.
SIZE: 9x5x5
SHAFT 7/8x1
KEYED. FOUR
HOLE MOUNTING. WT: 24 LBS.
STK#L-3 PRICE: NEW \$12.95

GENERATOR GAEN-211219C

OUTPUT: 12.5 VDC 4 AMPS.
240 VDC 100 MA.
INPUT DRIVE: 3/16 HP.
3450 RPM.
SHAFT SIZE: 3/8 x 1 1/2
MOTOR SIZE: 5 x 6 x 9 WT. 25 lbs.
Used: \$4.95 New \$6.95



DY-85 DYNAMOTOR VRC-2X

INPUT: 24 VDC 8 AMP.
OUTPUT: 600 VDC 175 MA.
SIZE: 7x4x4 1/2; WT: 10 LBS.
PRICE: NEW \$3.95

INVERTERS



ECLIPSE No. 12119-1-B

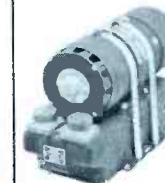
INPUT: 14 VDC 2 AMP.
OUTPUT: 26 VOLT 400 cyc. 6 VA
INVERTER SIZE 4x2 1/2 x 3 1/2
OVERALL " 8x5x4; 4 LBS.
PRICE: NEW \$6.95

PU-16 INVERTER

INPUT: 28 VDC 60 AMPS.
OUTPUT: 115 VAC 6.5 AMPS.
400 CYCLE 1 PHASE
Used: \$18.95
Size: 7 x 15 x 9 WT. 38 lbs.

SD21N3A INVERTER

INPUT: 27 VDC 35 AMPS.
OUTPUT: 115 VAC 2.17 AMPS.
400 CYCLE 1 Phase.
Used: \$14.95 Unused \$24.95
Size: 9 x 6 1/2 x 5 1/2 WT. 20 lbs.



INVERTER 800-1-A

WT. 35 lbs.

Size 4 1/2 x 8 x 12

INPUT: 24 VDC 75 AMPS.
OUTPUT: 115 VAC 800 CYCLE
1 Phase 10.5 AMPS.
USED: \$9.95



PE-237 POWER SUPPLY VIBRATOR TYPE

INPUT: 6 VDC 27 AMPS.
12 VDC 13.2 "
24 VDC 7 "
OUTPUT: 525 VDC 90 MA.
105 VDC 42 MA.
6.5 VDC 2 AMPS.
6 VDC 500 MA.
1.3 VDC 450 MA.
130 VDC 17 MA.

With tubes & vibrator.
Size 10 x 10 x 17 WT. 70 lbs.
USED \$14.95 RE-NEW \$19.95

MAR MOBILE MODULATOR & DYNAMOTOR PS OPERATES 13VDC DYNAMOTOR OUTPUT 385VDC @ 500 MA. MODULATOR 50 WATTS. TUBES 2/6L6, 1/12SL7, W/SEALED RELAYS, JACKS, SWITCHES ETC. NO COVER. SIZE: 13x9x15, 25 LBS. PRICE: USED \$9.95



PE-120 Power Supply

INPUT: 6 VDC 4.5 AMP.
12 VDC 2.5 AMP.
24 VDC 1.5 AMP.
OUTPUT: 145 VDC 75 MA.
90 VDC 40 MA.
1.5 VDC .75 AMP.
Vibrator type voltage regulated complete with tubes OB-3/VR-105, 1005 & Ballast. Also vibrator for 12 VDC. Size 4 1/2 x 13 1/2 x 15 1/2 WT. 29 lbs. RE-NEW \$7.95



VRC-2 DYNAMOTOR

INPUT: 5.5 VDC 31 AMPS
OUTPUT: 600 VDC 175 MA
SIZE 7 x 4 1/2 x 4 1/2 WT: 8 LBS
STK.# 3H1514-5
PRICE RE-NEW \$7.95

PE-104 VIBRATOR POWER SUPPLY Used with BC-654 Rec-Trans. Output 84 VDC & 15VDC Input 6 VDC OR 12 VDC. WT. 8 lbs size 4x4x7 Price Used \$9.95

Bendix Hand Crank Generator (Gibson Girl) Output 28 VDC @ 175 MA and 300 VDC @ 30 MA. When cranked at app. 60 RPM. Gear Ratio app. 72-1 with pilot light and coding wheel Wt. 6 lb. 3 oz. Price.....\$4.95



Size: 5 x 8 x 12 Wt. 35 lbs.

PE-98 DYNAMOTOR

INPUT: 14 VDC 21 AMPS.
OUTPUT: 300 VDC 260 MA.
150 VDC 10 MA.
USED \$9.95

PE-94 DYNAMOTOR

INPUT: 28 VDC 10.5 AMPS.
OUTPUT: 300 VDC 260 MA.
150 VDC 10 MA.
14.5 VDC 5 AMPS.
Used \$4.95



MODULATOR POWER SUPPLY COLLINS 21881

INPUT: 12 VDC 14.5 AMP.
OUTPUT: 400 VDC 200 MA.
225 VDC 100 MA.
Size: 7 1/2 x 7 x 13 WT. 28 lbs.
RE-NEW \$12.95



Size 6 1/2 x 8 x 12 Wt. 30 lbs.

DY-17 DYNAMOTOR

INPUT: 27 VDC 32 AMPS
OUTPUT: 400 VDC 750 MA.
750 VDC 350 MA.
USED \$12.95

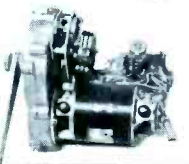


PP-868/U VIBRATOR POWER SUPPLY

INPUT: 12 DC 2.0 AMP.
OUTPUT: 6.3 AC 1.0 AMP.
6.3 " .45 "
1.4 DC 1.25 "
155 DC 15 MA.
150 DC 5 "
140 DC 50 "
40 DC .5 "
Size: 5x6 1/2 x 7; WT: 12 LBS.
PRICE: USED \$9.95

GN-45 GENERATOR

HAND CRANK TYPE
Output 6VDC 3 Amp. Used with BC-654 SCR-284
500 VDC 140 MA @ 60 RPM. Complete with crank, legs & seat RE-CONDITIONED \$12.95
Output cable & plug \$2.75



DYNAMOTORS



Size 6½ x 10 x 11 WT. 38 Lbs.
With fuses and starting relay.

ED-77 DYNAMOTOR

INPUT: 14 VDC 39 AMPS.
OUTPUT: 1000 VDC 350 MA.
used \$12.95

PE-75 DYNAMOTOR

INPUT: 28 VDC 19 AMPS.
OUTPUT: 1000 VDC 350 MA.
used \$12.95



DM-42 DYNAMOTOR
NEW \$3.95
CRACKED
BASE, WILL
NOT EFFECT
OPERATION

INPUT: 12 VDC 39 AMPS.
OUTPUT: 515 VDC 215 MA.
1030 " 260 MA.
SIZE: 7x7x11 WT: 38 LBS.



DN-2528-1
NEW: \$3.95

INPUT: 27.5 VDC 27 AMPS.
OUTPUT: 1000 VDC 500 MA.
SIZE: 8½x4x4 WT: 13½ LBS.

**TRANSISTORIZED
MOBILE POWER SUPPLY**



NEWLY MANUFACTURED AT A NEW
LOW PRICE AND GUARANTEED.

INPUT: 12 VDC
OUTPUT: 250 VDC 60 MA.
THIS UNIT HAS A NEGATIVE
FLOATING SYSTEM THAT PER-
MITS IT TO BE USED IN ANY
TYPE VEHICLE ALSO UNITS
CAN BE WIRED IN SERIES FOR
HIGHER VOLTAGE, PARALLEL
FOR HIGHER CURRENT OR ANY
COMBINATION OF SERIES PAR-
ALLEL FOR HIGHER VOLTAGE &
CURRENT.
SIZE: 5x7x3; WT: 4 LBS.
STK# BET940 PRICE: \$19.95

BRUSH SETS



- DM-21 DM-25 DM-28 DM-32
- DM-33 DM-34 DM-35 DM-36
- DM-37 DM-40 DM-41 DM-42
- DM-43 DM-45 DM-53
- BD-83 BD-93 BD-77
- PE-73 PE-86
- DA-12 DA-14 DA-1A
- DY-21 DY-22
- SP-125 35x032

OTHER TYPES ALSO AVAILABLE
SET OF FOUR BRUSHES \$.75



Size 3 x 3½ x 4½, Wt. 3 lbs.

DM-32 DYNAMOTOR

INPUT: 28 VDC 1.1 AMPS.
OUTPUT: 250 VDC 60 MA.
Price: Used \$2.95 New \$4.95

TYPE 35 x 032

(Same as DM-32 only 12V)

INPUT: 14 VDC 2.4 AMPS.
OUTPUT: 250 VDC 60 MA.
Price: New \$4.95

DM-53 AZ DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 VDC 80 MA.
Price: NEW 7.95

DM-53 DYNAMOTOR

INPUT: 28 VDC 1.4 AMPS.
OUTPUT: 220 VDC 80 MA.
NEW \$6.95 USED \$3.95



Size 3 x 3 x 4½, Wt. 3 lbs.

DM-45 DYNAMOTOR

INPUT: 24 VDC 1.1 AMPS.
OUTPUT: 250 VDC 50 MA.
Price: Used \$2.95 New \$4.95

DM-25 DYNAMOTOR

INPUT: 12 VDC 2.2 AMPS.
OUTPUT: 250 VDC 50 MA.
Price: Used \$2.95 New \$4.95



WEST. 12B6534 DYNAMOTOR

INPUT: 24 VDC 1.75 AMPS.
OUTPUT: 300 VDC 70 MA.
Price: Used \$2.95 New \$4.95

Size 3 x 3 x 4½, Wt. 3 lbs.
Dynamotors listed below
same size only less base.

DM-6936 DYNAMOTOR

INPUT: 28 VDC 1.1 AMPS.
OUTPUT: 250 VDC 60 MA.
Used \$1.95 Unused \$3.95

DM-310A DYNAMOTOR

INPUT: 12 VDC 2.8 AMPS.
OUTPUT: 150 VDC 100 MA.
Used \$2.95 Unused \$4.95

TYPE 5047 DYNAMOTOR

INPUT: 27 VDC 1.75 AMPS.
OUTPUT: 285 VDC 75 MA.
Used \$3.95 Unused \$5.95

RADIO NOISE
FILTER 100
AMPS. 50 VDC
GE#1C202
SIZE 4x4x2
PRICE: \$.50



Size 3 x 4½ x 6½, Wt. 5 lbs.

DM-34 DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 VDC 80 MA.
Used \$2.95 Unused \$4.95

DM-36 DYNAMOTOR

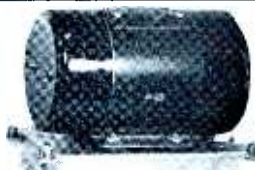
INPUT: 28 VDC 1.4 AMPS.
OUTPUT: 220 VDC 80 MA.
Used \$2.95 Unused \$4.95



Size 3½ x 5 x 5½, Wt. 3½ lbs.

DM-53 DYNAMOTOR

INPUT: 28 VDC 1.25 AMPS.
OUTPUT: 250 VDC 60 MA.
PRICE: Used \$2.95 New \$4.95



Size 3½ x 5 x 6½, Wt. 5½ lbs.

DM-28 DYNAMOTOR

INPUT: 27.9 VDC 1.25 AMP
OUTPUT: 220 VDC 70 MA
PRICE: USED \$3.95



INPUT: 12 VDC 9.9 AMP.
OUTPUT: 400 " 180 MA.
SIZE: 4x4½x7; WT: 10 LBS.
PRICE: UNUSED \$6.95



INPUT: 12 VDC 11 AMPS
OUTPUT: 440 VDC 200 MA.
SIZE: 4x4½x7; WT: 11 LBS.
PRICE: UNUSED \$8.95



DM-21 DYNA-
MOTOR
INPUT: 14 VDC 3.3 AMP.
OUTPUT: 235 VDC 90 MA.
SIZE: 6x5x3; WT: 8½ LBS.
PRICE: USED \$4.95 NEW \$6.95



DY-21 DYNAMOTOR

INPUT: 27 VDC 7 A
OUTPUT: 410 " 325 MA.
SIZE: 7½x3x3½ WT: 8½ LB
PRICE: USED \$7.95



Size 4½ x 5½ x 6½, Wt. 10½ lbs.

ED-83 DYNAMOTOR

INPUT: 14 VDC 6.5 AMPS.
OUTPUT: 375 VDC 150 MA.
Unused \$6.95

CW21441 DYNAMOTOR

INPUT: 28 VDC 2.9 AMP
OUTPUT: 330 " 135 MA
NEW \$3.95

DM-416 DYNAMOTOR

INPUT: 28 VDC 3.1 AMPS.
OUTPUT: 330 VDC 470 MA.
Used \$1.95 Unused \$2.95

ED-93 DYNAMOTOR

INPUT: 28 VDC 3.2 AMPS.
OUTPUT: 375 VDC 150 MA.
Used \$2.95 Unused \$4.95



Size 4 x 7 x 6½, Wt. 10½ lbs.

PE-133 DYNAMOTOR

INPUT: 12 VDC 2.3 AMPS.
OUTPUT: 230 VDC 90 MA.
Used \$4.95 Unused \$6.95



Size 5½ x 6 x 8½, Wt. 12½ lbs.

TYPE 377 DYNAMOTOR

INPUT: 14 VDC 8 AMPS.
OUTPUT: 425 VDC 163 MA.
Used \$6.95 Unused \$9.95



Size 5½ x 3½ x 7, Wt. 7 lbs.

DM-40 DYNAMOTOR

INPUT: 14 VDC 3.4 AMPS.
OUTPUT: 172 VDC 138 MA.
PRICE: USED \$3.95



INPUT: 14/28 VDC 3.3/1.6 A
OUTPUT: 230 VDC 100 MA.
SIZE: 3½x3½x6; WT: 6 LBS.
UNUSED \$6.95



Size 4½ x 4½ x 8½, Wt. 13 lbs.

DM-35 DYNAMOTOR

INPUT: 12.5 VDC 18.7 AMPS.
OUTPUT: 625 VDC 225 MA.

NOT AVAILABLE

DM-37 DYNAMOTOR

INPUT: 25.5 VDC 9.2 AMPS.
OUTPUT: 625 VDC 225 MA.
Used \$2.95 Unused \$4.95



INPUT: 25 VDC 14.8 AMP
OUTPUT: 540 VDC 450 MA
SIZE: 4½x4½x8; WT: 15 LBS.
UNUSED \$5.95



INPUT: 12.5 VDC 28 AMP.
OUTPUT: 440 VDC 400 MA.
SIZE: 4½x4½x8; WT: 15 LBS.
USED \$9.95 UNUSED \$12.95



INPUT: 28 VDC 1.6 AMP
OUTPUT: 230 VDC 100 MA
SIZE: 3½x3½x5½; WT: 6 LBS.
UNUSED \$4.95



DM-33 DYNAMOTOR

INPUT: 28 VDC 5 AMPS.
OUTPUT: 575 VDC 160 MA.
USED CHECKED \$3.75

Size 3½ x 4 x 7½, Wt. 8½ lbs.

DY-22 DYNAMOTOR

INPUT: 28 VDC 1.8 AMPS.
OUTPUT: 210 VDC 125 MA.
Price: Used \$4.95

Size 3½x3½x6½; Wt. 5 lbs.




DA-14A SPECIAL WITH BASE



Stock #W-114


INPUT: 18 VDC 3.5 Amp.
OUTPUT: 450 " 80 MA.
Size 4 x 4 x 6 WT. 6 lb.
Shaft size ½ x 1
Price Less End Bells \$2.95
Price with one Bells 3.95
Price with Two Bells 4.95

AC-DC Motors Hi-Speed Gear Reduction's Blowers

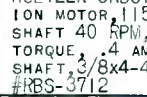


DELCO PM MOTOR 250 RPM #5067127
27 VDC WITH GEAR ATTACHED TO 1/2" SHAFT
REMOVABLE MOUNTING, 8 OZ. INCH TORQUE
REMOVED FROM NEW EQUIPMENT.
PRICE \$4.95


SIZE: 4x1 1/2 x 1 1/2
WT: 8oz. GE SAME AS ABOVE NOT PM #5BA10AJ8D \$3.95




EMC 41314 110 VAC 60 cy. Induction
Motor with Mounting feet. 1550 RPM
thru a gear reduction to 24 RPM. Right
Angle Drive. Size 4 X 3 1/2 X 7 3/4.
Shaft size 5/16 X 5/8 with removable
Gear. Wt. 5 lb. 13 oz. Price....\$9.95




HOLTZER-CABOT DUAL SPEED GEAR REDUC-
TION MOTOR, 115 V. 60 CYCLE, 1 PHASE, ONE
SHAFT 40 RPM, OTHER 165 RPM 24 OZ. 1
TORQUE. 4 AMP. MOTOR SIZE 4x4x5 1/2,
SHAFT, 3/8x4-40RPM, 1/8x3/8-165RPM.
#RBS-3712 \$9.95




RATCHET MOTOR, 24 VOLT DC 60 RPM CONTINUOUS
ALSO 3 POSITION STOP. BAND SWITCH ASSEMBLY
AS USED IN R-5/ARN-7 COMPASS RECEIVER.
UNIT WILL ALSO OPERATE ON 18 TO 24 VDC.
SIZE: 3x4x1 1/2; WT: 1 1/2 LBS. STK# 609-ARN-7
PRICE: \$1.25




WESTINGHOUSE BUSINESS MACHINE MOTOR 25 MHP
115 VOLTS 50/60 CYCLE .5/.4 AMP
TYPE FL 4.0/3.0 MFD. 1425/1725
RPM. SIZE: 4 1/2x4x4; WT: 5 LBS.
SHAFT 5/16x3 FLATENED. FOR USE
IN RUBBER SHOCK MOUNTING BRACKE
PRICE: NEW \$2.95




TELETYPE AC #5BA65AA29
95A130 VOLTS 50/60 CYCLE,
1 PHASE, 1/25 HP, 2100RPM,
SERIES WD, .8 AMPS.
COMPLETE WITH FILTER ASSY,
GOVERNOR CONTROL & LIGHT.
MOTOR SIZE 5 1/2x5x5 1/2, DOUBLE
END SHAFT SIZE 3/8x1 1/2 &
3/8x3/4. TOTAL WT. 15 1/2 LBS
REMOVED FORM EQUIPMENT BUT
IN EXCELLENT CONDITION.
PRICE: \$4.95




BOOINE GEAR HEAD #NYC-12
115 VOLT 60 CYCLE .2 AMP.
1 PHASE, 1800 RPM, 1/150 HP.
CONTINUOUS,
GEARHEAD, 30 TO 1 RATIO,
60 RPM, 3 IN. LBS. TORQUE.
SIZE 6 1/2x3x3, SHAFT 5/16x1 1/2
WT: 5 1/2 LBS.
PRICE:.. \$18.95




GENERAL ELECTRIC #5P052EA46
115 VOLT DC .22 AMP, 5W HP
3000 RPM. RUBBER SHOCK MTG.
MOTOR SIZE 4x3 1/2, SHAFT SIZE
1 1/2x5/16. WT. 3 1/2 LBS.
STK#GEK7884274-P1 \$2.95




PM MOTOR ASSEMBLY & GEAR TRAIN
USED IN R-44 RECEIVER FOR REMOTE
TUNING. CONTAINS DELCO PM MOTOR
#5069370, 10,000 RPM ATTACHED TO
A GEAR ASSY. THAT HAS TWO SHAFTS
80 RPM AND IS GEARED TO TWO
SHAFTS WITH 3" & 1/2" GEARS THAT
THAT TURN AT 40 & 80 RPM. ASSY
SIZE 4 1/2x6x3; SHAFT SIZES 1/2 X 3/4
WT: 3 1/2 LBS. STK.#3H3100-15
PRICE: \$4.95




General Electric 5BA25AJ32B Flange
type mount. 24 VDC @ 2.9A 7000
RPM 3 Wire reversible with Magnetic
brake. Size 2 1/2" X 4 1/2" L. Shaft
3/16 X 3/4 Splined Wt. 2 1/2 lbs.
Price, Motor only..... \$ 2.95




DELCO P.M. MOTOR #5069466, 27.5 VDC
IN ALUMINUM CASE GEARED TO WORM GEAR
MOTOR SIZE 1 1/2x1 1/2x2 1/2, 10,000 RPM.
CASE SIZE 2 1/2x2 1/2 LESS MTG. SIZE.
WORM GEAR 2000 RPM, WT: 2 LBS.
STK# 3H3100A-1 PRICE: \$2.95




John Oster type C 24A-1B - KS-5829-
OT 27 VDC 17100 HP 7000 RPM DC
Series Motor 2" D X 3" L. Shaft
1/2 X 1 Wt. 1 lb.Price \$.75




6 VOLT DC MOTOR, REVERSIBLE 1/20 H.P.
SHAFT 1/2 X 3/4, FRONT END MOUNTING STUDS.
MOTOR SIZE 3 1/2x3; WT: 4 LBS. APP 3000 RPM
G16VDC-R PRICE: \$1.25




Windshield Wiper Motor 24VDC. Very power-
ful. May be used wherever an oscillation
motion is desired such as stirring or
agitation. Size 2 X 3 1/4 X 3 5/8. Shaft ex-
tends out 1 1/2" from the Motor. Wt. 1 lb.
10 oz. Stock No. 10D24. Price.....\$2.95




Delco 5069370 27 VDC Reversible PM
Motor and Gear assm. in an Aluminum
case. Output speed is 80 RPM through a
friction clutch to a double shaft 1/2 X
3/4 on one side, 1/2 X 1 1/2 on the other.
Size complete assm. 3 5/8 X 2 X 4 1/2 ex-
cluding shaft. Has built in noise
filter system. Wt. 1 lb. 5 oz.
Price..... \$ 4.95



Same Motor as used in above
assm. Size 1 1/8 X 1 1/2 X 2 1/2.
Wt. 4 Oz. Price..... \$2.95




Air Associates EE1530 Gear reduction
24 VDC @ .8A. 25 lb. in Torque, 5
RPM Reversible. Size 4 1/2 X 3 1/2 X 5 1/2.
Keyed Shaft 1/2 X 1 3/4 with a 4" arm
attached. Wt. 5 lb. Price \$ 4.95




DELCO PM MOTOR #5069230 145 RPM
27 VDC .65A, 1/2 X 3/8 SPLINED
SHAFT, 14 OZ. INCH TORQUE.
MOTOR SIZE : 1-3/8 X 3 1/2. WT. 8oz.
PRICE: \$4.95




DELCO 5069790 PM 100 R.P.M.
27 VDC WITH GEAR ATTACHED TO
1/2 INCH SHAFT 1/2 INCH LONG.
MOTOR SIZE 1 1/2x4. WT: 8 oz.
PRICE: \$2.95




Bendix LM108J 24VDC 1/25 HP 15,000 RPM
Series Motor. Geneva Loc. Actuator. Shaft
rotates 1/2 revolution and stops and is
locked in place until next contact is
made then the cycle is repeated-time per
cycle app. 3 seconds. Size 4 X 2 1/2 X 5 1/2.
Shaft size 1/2 X 1/2. Wt. 1 lb. 14 oz.
Price..... \$ 4.95




General Electric 5BA25MJ424 - Type BA
24 V @ 4.2A 7100 RPM 1/20 HP Flange
mount Motor size 2 1/2" X 5". Shaft size
1/2 X 1 Wt. 3 1/2 lbs. Price..... \$1.95



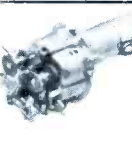
ELECTROLUX MOTOR 28.5 VDC. 1.8 AMPS.
2200 RPM. 1/35 H.P. SHAFT SIZE 1 1/2 X 1/2
MOTOR SIZE: 4x3 1/2 WT: 5 LBS.
PRICE: \$3.95




Air Associates EE1220WJ-Gear Red-
uction. Either end or Base Mount.
27V @ 1.75A-1/75 HP 960 RPM with
Governor control. Size 2 1/2 X 2 3/4
X 5 1/2. Shaft 1/2 X 3/8. Wt. 1 lb.
12 oz. Price..... \$3.95




GEARHEAD MOTOR 28 VDC BAMP HEAVY DUTY REVERSIBLE
100-200 RPM, 2 1/2 LB.FT. TORQUE WITH SPROCKET. ONE INCH
SCREW JACK 20" LONG WITH BALL
JOINT & MTG. FLANGE ONE END AND FL
BALL BEARING OTHER END. POSITIONER
BRACKET 6" Lg X 3 1/2" W & SPROCKET.
MOTOR SIZE 7 1/2x10x4 1/2.
TOTAL WT. 21 LBS.
STK# T80-4875 PRICE: \$8.95




John Oster Shunt Motor R-9-J 27 1/2 VDC
@ .7A. 5600 RPM. Aluminum Cased Motor
and Gear assm. Motor is flange mount-
ed to the Gear case. 2 gear reductions
22 and 5 1/2 RPM on 1/2 X 1 1/2 shafts. Size
2 3/4 X 3 X 7". Wt. 1 lb. 14 oz.
Price.....
\$1.00




DELCO PM BLOWER
DELCO motor #506871, 27
volts DC 10,000 RPM &
Blower Assy. overall
size 2 5/8 X 2 1/2 X 3
WT. 9 oz.
Motor-Blower \$3.95 Motor only \$2.95




OSTER 10 CFM Blower
John Oster motor C2BP-1A
27.5 VDC 1/100 HP 6000
RPM with blower 10CFM.
Size 3 1/2 X 3 1/2 X 4 1/2 Wt 1 1/2
Motor & Blower \$3.95 Motor only 1.95




400 CYCLE BLOWER
Eastern Air Devices
10 CFM Blower 115 Volt
400 cycle, 1/100 HP
motor. Size 3 1/2x3 1/2x4 1/2
Wt. 1 lbs.
PRICE: \$2.95



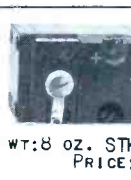
PINCOR BLOWER
Cast Aluminum hous-
ing shunt type motor
24 VDC 5000 RPM, 10
CFM blower. Motor
noise filtered. WT 1lb
10 oz. Size 3 1/2x4 1/2x4 1/2.
PRICE: \$2.95



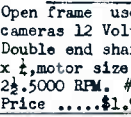
OPEN TYPE BLOWER
Delco motor 5069267 27 VDC
6000 RPM, reversible shunt
type, flange mount. WT 1 lb
size 1-3/4x2-5/8x2 1/2.
Motor-Blower \$1.95 Motor only \$1.50



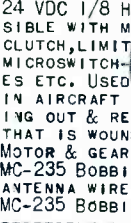
ELCO PM MOTOR
#5092543, 12VDC
10,000 RPM,
GEARED DOWN TO
APPROX. 300 RPM
WITH DOUBLE
SHAFT & PLASTIC
WHEEL.
ASSY. SIZE 4x3x2; 1 LB. \$4.95
DELCO PM MOTOR ONLY 3.95




NAVY PM MOTOR
27 VDC
1/150 H.P.
5000 R.P.M
SHAFT 3/4x3/16
MOTOR 1 1/2x1 1/2x2
WT: 8 oz. STK# 942-BUO-676213
PRICE: \$1.95



CAMERA MOTOR
Open frame used in aircraft
cameras 12 Volt AC-DC
Double end shaft 1/8
x 1/2, motor size 2 1/2x
2 1/2, 5000 RPM. # CM-120
Price\$1.95



RL-42 REEL MOTOR & GEAR BOX
24 VDC 1/8 HP, REVER-
SIBLE WITH MAGNETIC
CLUTCH, LIMIT
MICROSWIT-
CHES ETC. USED
IN AIRCRAFT FOR LETT-
ING OUT & REELING IN ANTENNA
THAT IS WOUND ON MC-235 BOBBIN
MOTOR & GEAR BOX, USED \$3.75
MC-235 BOBBIN WITH 200 FT OF
ANTENNA WIRE \$1.50
MC-235 BOBBIN REEL ONLY \$.50



SYNCHRON TIMER MOTOR
110 VOLT 60 CYCLE 3
WATT, 1 RPM, MODEL
610, 4 MTG. HOLES,
GEAR SHAFT, SIZE 2x1 1/2
WT: 6 oz. PRICE \$1.25



HEAVY DUTY REVERSIBLE
TYPE GEAR
HEAD MOTOR
JOHN OSTER
#KU-II-IR
28 VDC 100 - 200RPM
8 AMP 2 1/2 lb. FT.
torque. Size 7 1/2 x 10 x 4 1/2. WT. 12 lbs
Shaft size 7/16 x 3/4. Price \$5.95

BULL'S EYE INDICATOR LIGHTS
CHROME BRASS, RED LENSE. CANDELABRA SCREW BASE. 1" HOLE MTG. 1/8 x 3". LG. #225988 \$1.00 EA. 3 FOR \$1.00

DULL FINISHED BRASS, RED LENSE DOUBLE CONTACT BAYONET BASE, WITH 12 VOLT LAMP LM-44, 1 INCH HOLE MTG. SIZE 1 1/2 x 3. #226125-22 PRICE: \$.39 EA. 3 FOR \$1.00

FLASH LAMP
A GASEOUS DISCHARGE FLASH LAMP AS USED IN VIX-1 INDENTIFICATION EQUIPMENT. 200 WATT SECOND, 3 PRONG BASE. SYLVANIA #1073/4330 CAN BE USED IN PHOTO-FLASH \$1.95 EACH. 3 FOR \$5.00

CAPACITOR 23 TO 28 MFD 1000 VDC CONT. 2000 VDC INTER. CAN BE USED FOR ASSY. IN PHOTO-FLASH WORK. GE#25F454, 7x3x2.5, 5LBS. \$6.95

RUBBER SHOCK MOUNTS
MTG HOLES 2" CENTERS
14 LB. #6 \$.35
16 LB. #14 .50
10 LB (ILLUS) #5150 .40

CERAMIC COUPLER 2"
DIA. 1/2" SHAFT EA. SIDE
STK#SWTU-5 PRICE: \$.50

GIANT 4 CONTACT CERAMIC FOR 872, 211 ETC. 3/4" RD.
GE#ML7461594-G1
PRICE: USED \$.39

GIANT 4 CONTACT CERAMIC SOCKET FOR 715, 718 ETC. 3/4" RD.
STK#227684.98
PRICE: NEW \$.50

GIANT TUBE SOCKET
7 CONTACT FOR 813 4E27A ETC. 2 1/2" SQ
GE#M7466795-1/442
PRICE: \$.75 USED

BAND CHANGE SWITCH 9 CERAMIC WAFERS, RIGHT ANGLE BEVEL GEAR DRIVE SILVER CONTACTS.
SIZE 1 1/2 x 2 1/2
STK#SW11014 PRICE: NEW \$1.50

TERMINAL STRIPS WITH CLIPPED WIRES
AMT. TERMINALS - 6 - 8 - 10 - 12 - 14
1" WIDE EACH .15 .20 .25 .30 .35
1 1/2" WIDE " .20 .25 .30 .35 .40

BINDING POSTS 7
ON A BAKE-LITE STRIP, THUMB SCREW TYPE TERMINALS. REMOVED FROM EQUIPMENT. PRICE: \$.35 EA. 3 FOR \$1

TELEPHONE SIGNAL DROP SWITCH BOARD UNIT WITH MOMENTARY & HOLD MULTI-CONTACT LEVER SW RING IN DROP RELAY & PHONE JACK. SIZE 1 1/2 x 8 x 3. WT: 1 LB.
#EE-2 \$.39 EA. 3 FOR \$1 USED
PL-11 PLUG ON 30" CORD \$.35 EA.

SW-118 SWITCH ASSY.
SPST, ONE SIDE HOLDING ON - OTHER SIDE MOMENTARY ON, CENTER OFF SWITCH SIZE 2 x 1, CASE SIZE 2 1/2 x 1.
PRICE: \$.35 EA. 3 FOR \$1.00

B-9A SWITCH ASSY
SPDT CENTER OFF 5 AMP. 125 VOLTS TWO HOLE MTG.
SIZE: EA. SW 3/4 x 2 x 1. \$.35 EACH
BANK OF FOUR \$1.

Capacitors



MFD	VDC	SIZE	PRICE
2000	15	1 1/2 x 4 1/2 RD	\$.59
2000	50	2 x 4 1/2 RD	1.00
1000	50	1 1/2 x 4 1/2 RD	.55
8000	55	3 x 6 RD	1.75
24000	3	4 x 3 RD	1.50

4	400	2 1/2 x 3 1/2 x 1 1/2	.25
5x5	400	3 1/2 x 3 1/2 x 2	.50
10	400	4 x 4 x 1	.75
.5	500	1 1/2 x 1 1/2 x 3 1/2	.20
2	600	1 1/2 x 4 1/2 x 1	.25
4	600	3 1/2 x 2 x 1 1/2	.50
6	600	4 1/2 x 2 x 1 1/2	.75
7	600	4 x 4 x 2	.85
10	600	3 1/2 x 4 1/2 x 1 1/2	1.10
2 1/2 x 2 1/2 x 5		6 1/2 x 4 x 2	.75

1	1000	1 1/2 x 2 1/2 x 1	.50
2	1000	2 x 4 x 1	.75
15	1000	3 1/2 x 4 1/2 x 2 1/2	2.95
4	2000	2 x 3 x 1	1.25
1	2000	3 1/2 x 4 x 2	3.95
.5	2500	3 1/2 x 3 x 1	.75

MFD	VAC	SIZE	PRICE
15	440	4 x 3 x 4	1.95
5	660	3 1/2 x 4 1/2 x 1 1/2	1.25
1	1000	3 1/2 x 4 x 2	.75

POTENTIOMETER 100 WATT, 100,000 OHM IN 20 STEPS 5000 OHM EACH WITH HEAVY DUTY CONTACTS & INSULATED TERMINALS. 7 SHAFT. DAVEN#1373
SIZE: 5 1/2 x 3 1/2, SHAFT 1-3/8 x 3/8. WT: 1 1/2 LB. STK#227281-3
\$1.25

POTENTIOMETER PRECISION TYPE, WIRE WOUND, 2 SEC. 10,000 OHMS EACH 6 W. 3 SOLDER LUGS EA. SEC. SIZE 3x5 1/2. WT: 1 LB. STK#227284-29 \$7.75

156K	106K	605K	405K
15 MF	10 MF	6 MF	4 MF
1000	600 V	600	600

MFD	VDC	SIZE	PRICE
15	1000	3 1/2 x 4 1/2 x 2 1/2	\$2.95
10	600	3 1/2 x 4 1/2 x 1 1/2	1.10
6	600	4 1/2 x 2 x 1 1/2	.75
4	600	3 1/2 x 2 x 1 1/2	.50

Switches

Switches removed from new equip.

TYPE	MTG	VOLTS	ST#	PRICE
S.P.S.T.	NUT 3A/125	SW-105		.20
S.P.D.T.	"	8829K1		.35
4.P.S.T.	"	883K2		.55
4.P.D.T.	"	SW-155		1.00
D.P.S.T.	"	8822K1		.35
D.P.D.T.	"	SWP221		.50
S.P.S.T.	"	8817K2		.25

(Momentary)
D.P.D.T. " " ST-22R .40 (Momentary one side)

HEAVY DUTY TAP SWITCH 5 POSITION FOUR HOLE MOUNTING SIZE: 2 1/2 x 2 1/2 x 1 1/2
STK#329627 \$1.50

ANTENNA CIRCUIT SWITCHING SWITCH 100 WATT Size 4 1/2 x 2-3/4"
3/Make 3/Break #329626 \$2.50

Vibrators Kits \$1.00

VB-16/6, 12 or 24 volt for PE-237 \$3.95

TYPES LISTED BELOW \$1.95 Each

VB-1 /6 volt for PE-117 PE-97 & PE-237 (Same as VB-7)

VS-3 /6 volt for PE-104 (Same as Mail-550C)

G534/12 volt for PE-110

VB-8 /2 volt for PE-157

VB-9 /6 volt for PE-157

VB-11/24 " for PE-120

VB-12/6 " for PE-120

VB-13/12 " for PE-120

Rheostats

STK# WATTS OHMS PRICE

327345-1 150 4500 \$1.50

353-5049 50 8 .75

PR-833 50 200 .75

5695 DUAL 50 20 \$1.50

6R0KK 50 6 .75

1099 100 53 1.75

OHMG75 DUAL 100 75 1.75

327275-4 25 750 .60

99210 50 10 .60

DISC CERAMIC CONDENSERS 33 ASST. 15MMF-.61MFD. Good Value \$1.00 a KIT

TUBULAR CONDENSER 50 ASST. .00025 to .1 200 to 600 V \$1.00 a KIT

MICA CONDENSERS 25 ASST. 10 MMFD To 6800 MMFD. \$1.00 a KIT

TRIMMER CONDENSERS 25 ASST. 3 to 280MMF WIDE RANGE \$1.00 KIT.

RESISTORS INSULATED 50 ASST. 1/2, 1 & 2 Watt wide range of good values 50 ASSORTED \$1.00

RESISTORS WIREWOUND 25 ASST.

5 to 20 Watt. Wide range of values some tapped. 25 ASST \$1.00

VOLUME CONTROLS 10 ASST. Popular Values \$1.00

TUBE SOCKETS 20 ASST. Octals Locals Minatures Wafers etc \$1.00

PILOT LIGHT SOCKETS 25 ASST Bayonet Screw etc. \$1.00

TERMINAL STRIPS, Tie lug strips, ASST types. 25 for \$1.00

TERMINAL LUGS, ring spade, crimp types. Wide variety of sizes for all uses in clear plastic box. Approx 200 PCS \$1.00

ROTARY SWITCHES BRAND NEW

BATHROOM CONDENSER KIT 1 MFD. to 1 MFD. up to 600 Volt. 10 FOR \$1.00

HARDWARE KIT NUTS, WASHERS SCREWS, RIVET GROMMETS ETC. 1 1/2 LBS. \$1.00

Breakers

CAT. # VOLTS AMPS. PRICE

P-0111 125 AC 12 \$1.50

3H900-1.25 115 AC 1 1/2 A 1.00

3H900-3-2 115 AC 3 A 2.00

62349M6 117 AC 1.25 2.50 (3 POLE)

8751K4 30 DC 10 .50

ANTENNA Change over RELAY 12 Volt DC 2 Break 2 Make 100 Watt
Stock # 206191/L1 Price \$3.95

DYNAMOTOR STARTING Relay 14 volt DC S.P.S.T. 43 AMP. Stock#3HL777A/3 Price \$2.50

RATCHET TYPE BAND CHANGE MOTOR AS USED IN SCR-522 FOUR POSITION 12 VDC OPERATION. STK# 3H3112 REMOVED FROM EQUIPMENT. PRICE: \$2.50

SPERTI VACUUM SWITCH AS USED IN ART-13 TRANSMITTER KEYING RELAY DESCRIBED BELOW, SPDT STK#329847-4.5 PRICE \$11.50

Relays

TERMINAL STRIPS, Tie lug strips, ASST types. 25 for \$1.00

TERMINAL LUGS, ring spade, crimp types. Wide variety of sizes for all uses in clear plastic box. Approx 200 PCS \$1.00

ROTARY SWITCHES BRAND NEW

BATHROOM CONDENSER KIT 1 MFD. to 1 MFD. up to 600 Volt. 10 FOR \$1.00

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BATHROOM CONDENSER KIT 1 MFD. to 1 MFD. up to 600 Volt. 10 FOR \$1.00

HARDWARE KIT NUTS, WASHERS SCREWS, RIVET GROMMETS ETC. 1 1/2 LBS. \$1.00

B-8 GUN CONTROL SWITCH HAND GRIP. 3 MOMENTARY PUSH, 1 TRIGGER & 1 3 WAY THUMB. W/CONN. PLUG \$1.00

THERMOSTAT SWITCHES KIT OF 5 \$1.00

MICRO-SWITCHES KIT OF 5 \$1.00

BC-603, BC-683 BC-604 & BC-684 SPARE PARTS CHEST FOR STORING TUBES & PARTS. SAME SIZE & SHAPE AS RECEIVERS 2 COMPARTMENTS. SIZE 7x1 1/2x11 WT \$1.00

METAL BOX WITH REMOVEABLE TOP, CUTOUS FOR AC OUT LETS & SWITCH. SIZE: 6 1/2 x 4 1/2 x 4 1/2 PRICE: \$.50

ALARM BELL OPERATES ON 24 VOLTS DC OR AC. SIZE 3 1/2 x 2. EDWARDS #95606. BLACK ONLY \$1.00

HORSESHOE MAGNETS

5 lb. Lift 2 1/2 x 2 3/8" 1 lb. \$.50

25 lb. Lift 2 1/2 x 2 1/2" 1 1/2 lb. 2.90

75 lb. Lift 4 x 3 x 3 1/2" 4 1/2 lb. 4.95

HAND TYPE MAGNETO GENERATOR USED FOR RINGING TELEPHONE LINES, OUTPUT ABOUT 100 VOLTS. CAN ALSO BE USED AS SHO CK MACHINE, LIGHT SMALL BBU BULBS OR DRIVE WORMS OUT OF YOUR LAWN BY PLACING THE THE OUTPUT TO METAL STAKES AND DRIVING THEM INTO GND.

GN-38 WITH THREE MAGNETS \$2.95

GN-41 W/FOUR MAGNETS \$3.95

GN-38R PERMANENT MAGNETS 2"x1" \$3.95

GN-41B PERMANENT MAGNETS 3"x1 1/2" \$4.95

GN-38A WITH COIL MAGNET \$2.95

GN-38 WITH THREE MAGNETS \$2.95

GN-41 W/FOUR MAGNETS \$3.95

GN-38R PERMANENT MAGNETS 2"x1" \$3.95

GN-41B PERMANENT MAGNETS 3"x1 1/2" \$4.95

GN-38A WITH COIL MAGNET \$2.95

GN-38 WITH THREE MAGNETS \$2.95

GN-41 W/FOUR MAGNETS \$3.95

GN-38R PERMANENT MAGNETS 2"x1" \$3.95

GN-41B PERMANENT MAGNETS 3"x1 1/2" \$4.95

GN-38A WITH COIL MAGNET \$2.95

25A ROUND TYPE MAGNETO \$2.50



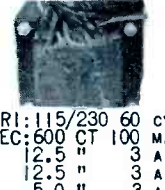



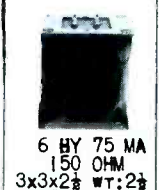



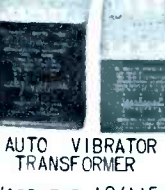



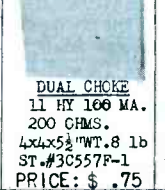
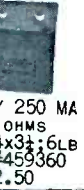




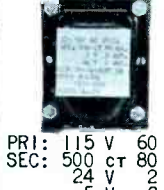

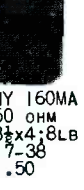











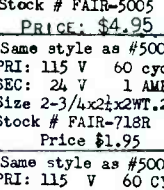




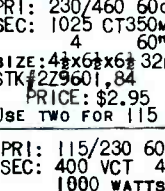

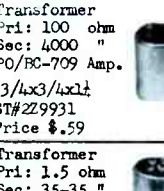

THUMB-IT WHEEL WAFER SWITCH NUMBERED. EACH SWITCH CAN BE MOUNTED SINGLY OR IN BANKS. SIZE EACH EQUIP. 2 1/2 x 2 1/2. REMOVED FROM EQUIP. PRICE: 11 CONTACT... \$.50 19 CONTACT... .75

25 Precision Resistor Ass't WIRE WOUND OR CARBON 1% OR BETTER GOOD VALUES. \$1.00 50 TINY CAPACITORS SELECTED TINY ASST PAPER & CERAMIC X GOOD VALUES. \$1.00

WIRE ASSORTMENT SIX 25 FT. COILS FULLY INSULATED STANDARD SIZES TINNED COPPER ASST. COLORS \$1.00

MINIMUM ORDER \$3.00

Power Transformer Filament Modulation Microphone Chokes

 <p>PRI: 115/230 60 cyc SEC: 800 CT. 120 MA 6.4 4.5 AMP 5 2 " 6.3 6 " 6.4 450 MA Size 5x5x6 WT. 13 lbs. Stock # 229621-380 PRICE: \$2.95</p>	 <p>PRI: 115/230 V 60 cyc SEC: 240 VCT 35 MA 24 V .9 AMP 6.3 " .6 " 6.3 " .3 " Size 3x3x3 WT. 4 lbs. Stock # RM-13-17 Price \$1.25</p>	 <p>PRI: 115/230 60 cyc SEC: 600 CT 100 MA 12.5 " 3 A. 12.5 " 3 A. 5.0 " 3 A. Size: 3x3x4; WT: 5 1/2 STK# 229628 USED WITH RA20 PRICE: \$3.95</p>	 <p>PRI: 115/230 60 cyc SEC: 750-0-750 1.66 AMP @ 1.66 SIZE: 13x10x11 WT: 115 LBS. STK# 229607-16 PRICE: \$29.50</p>	 <p>MODULATION TRANSFORMER Watts 20 Response Response 200-5000-LDB Pri. 2 6000 SEC. 2 6000 Collins #677-2010-00 Size 2x2x3 WT. 3 1/2 lbs Stock# 229634.53 Price \$2.95</p>	 <p>PRI: 115 V 60 CYC. 1200 200 MA. 12.5 2 AMP. 12.5 2 AMP. 5 3 AMP. Size 4x4x4 WT. 10 lb Stock # FAIR-617 DESIGNED FOR COMMAND TRANSMITTER</p>	 <p>6 HY 75 MA 150 OHM 3x3x2 1/2 WT: 2 1/2 STK# 3C316-7 PRICE: \$.79</p>	 <p>14 HY 125MA 275 OHMS. 2 1/2 x 3 1/2 x 5 1/2 308-708-060 \$1.25</p>
 <p>PRI: 115 V 60 cyc. SEC: 1080 CT. 142 MA. 6.3 1 AMP. 6.3 2 AMP. 5 3 AMP. Size 5x5x5 1/2 WT. 14 lbs Stock # 229613.52 PRICE: \$3.95</p>	 <p>PRI: 115 v. 60 cyc SEC: 24 V. 1.5 A 5 V. 6.0 A 6x4x2 1/2; WT: 8LB #229621-508 \$1.95</p>	 <p>AUTO VIBRATOR TRANSFORMER VIBRATOR 12/115CY SEC: 248CT 90 MA 1 2.4 AM 115 CYCLE SIZE: 2 1/2 x 3 1/2 x 3 WT4 STK# 229625-75 PRICE: \$1.50</p>	 <p>PRI: 115-230 60c SEC: 42 VCT 2 A 2.0 " 12 A 9x4x5; WT: 15LB #34674B.1/76 \$6.95</p>	 <p>VOLTAGE REGULATOR FIXED WINDING 115 COMMUTATOR RANGE 105 - 125 V 60CY KVA 1.15 AMPS. 10 TRANSTAT# 30594 \$9.95</p>	 <p>TYPE AS FAIR#617 PRI: 115 V 60 CY SEC: 550 CT 150 MA 12 V 4 A. 5 V 3 A. SIZE: 4x5x4; 7 LBS. STK# FAIR-1490 PRICE: \$7.95 DESIGNED FOR BC-923</p>	 <p>DUAL CHOKE 11 HY 160 MA. 200 OHMS. 4x4x5 1/2 WT. 8 lb ST# 3C557F-1 PRICE: \$.75</p>	 <p>5 HY 250 MA 80 OHMS 3 1/2 x 4 3/4; 6LB ORD# 459360 \$2.50</p>
 <p>PRI: 115 V 60 cyc. SEC: 624 CT. 70 MA. 6.3 2.1 AMP. 5 3 " Size 3 1/2 x 4 x 6 WT. 8 lbs. Stock # 229611.39 PRICE: \$1.95</p>	 <p>PRI: 115 V/50-60C SEC: 720 CT/200MA 12.6 3 A 6.6 10 A 5.25 3 A S/5x4 1/2 x 5 1/2 WT: STK.# 203533 PRICE: \$4.95</p>	<p>VIBRATOR 12/115CY SEC: 300 CT 100MA. 27 CT 2MA. SIZE: 3x3x3 1/2 WT: 4LB STK# 229625-73 PRICE: \$1.50</p>	 <p>PRI: 115 V 60 cyc SEC: 6.3 V 2.7 AMP SIZE: 2 1/2 x 2 1/2 x 1 1/2 LB. STK# 5950-186-9789 PRICE: \$1.50</p>	 <p>MODULATION TRANSFORMER WATTS: 75 PRI: 200-250 OHM SEC: GRID 813 TUBE WITH SIDETONE SIZE: 2 1/2 x 3 1/2 x 2 1/2 STK# GE7465620-1 PRICE: \$2.95</p>	 <p>PRI: 115 V 60 CY SEC: 500 CT 80 MA. 24 V 2 AMP. 5 V 3 A. SIZE: 2 1/2 x 2 1/2 x 3 1/2 LB. STK# FAIR-818 PRICE: \$4.95 FOR BC-603, 683 COMM/ARC RECEIVER</p>	 <p>5 HY 500 MA 28 OHM 4 1/2 x 5 3/4 x 7 1/2 STK# 3C1987-72 PRICE: \$3.95</p>	 <p>25 HY 160MA 350 OHM 3 1/2 x 3 1/4 x 4; 8LB 3C317-38 \$1.50</p>
 <p>PRI: 210/230 60CY SEC: 3000 700 MA. TAPPED; 1500, 2100 & 1050 SIZE: 14x11x9 1/2 STK# 229607-14 PRICE: \$34.95</p>	 <p>PRI: 117 V 60 CYC SEC: 450 V 140 MA 12.6 20 AMP 5.0 2 " 4 1/2 x 6 x 4; # TFIA03YY \$6.95</p>	<p>AUTO - ISOLATION STEP UP-STEP DOWN VIBRATOR FOR ABOVE TRANSFORMERS 6.3 V 4.3 AMP. FOR 12 V USE DROPPING RESISTOR. STK# 3H6690-15 PRICE: \$1.95</p>	 <p>FILAMENT TRANSFORMER PRI: 70/100/140/200 60 CYCLE SEC: 12.6 CT .7 A 6.3 CT .9 A 6.3 CT 1.5 A 6.3 CT 1.5 A 2.5 KV TEST SIZE: 5 1/2 x 3 x 4 WT 5LB STK# GE7465625-P1 PRICE: \$2.95</p>	 <p>MODULATION TRANSFORMER 100 Watt RESPONSE 200 to 5000 PRI: 7000 SEC: 7000 F/BC-191/375 TRANS. size 3x4x5 WT. 5 1/2 lbs. stock # 206191/T1 Price \$3.95</p>	 <p>PRI: 115 V 60 cyc. SEC: 12.5 V 2 AMP. 12.5 2 " Size 4 1/2 x 4 x 2 1/2 WT. 5 1/2 lb Stock # FAIR-505 PRICE: \$4.95 Same style as #5005 PRI: 115 V 60 cyc SEC: 24 V 1 AMP. Size 2-3/4 x 2 1/2 x 2 1/2 lb. Stock # FAIR-718R Price \$1.95</p>	 <p>70 OHM OR 200 /500 LINE TO GRID 807 TUBE 100MA. 2x3x2 GEM7465621-1 PRICE: \$1.00</p>	 <p>OUTPUT TRANSFORMER HP/RS-1.77/ 6.60, 50 to 5000 cy. 005A SIZE: 2x2x2 GEM7465623-1 PRICE: \$.75</p>
 <p>PRI: 115 V 60 CYC SEC: 660 CT 100 MA. 6.3 5 AMP. 5 3 " Size 4x5x4 1/2 WT. 9 1/2 lb Stock # 6J23 Price \$3.95</p>	 <p>PRI: 115 v. 60 CY SEC: 1540 CT. 166A 1230 CT. 257A BOTH VOLTAGES ONE WINDING 5.1 4.5A 6.5 4.0A 6.5 .5A 7 1/2 x 6 x 6 1/2; WT: 35 LBS STK# 229613.53 \$7.95</p>	<p>PRIMARYS: 2/100 V 60 CYCLE SECONDARYS: 2.5V 2 A 7.5V 1.25 21.v .1A 11.v 10.0A 10.v 6.5A SIZE: 8x 4x6; 19LBS CAY30219 \$3.95</p>	 <p>PRI: 115 V 60 CYC SEC: 2.65V 3.5 A 2.65V 3.5 A 6.3V 3.5 A SIZE: 3 1/2 x 5 x 3 1/2; 8LB #BNJT-166 \$2.50</p>	 <p>MODULATION TRANSFORMER 200 WATT 200-15000CY 10B PRI. P.P PLATES 5400 OHM. SEC: 600 OHM C.T 50 V.C.T. 2400 OHM 350 MA. 4x5 1/2 x 4 1/2; 12 LBS. #677-0388-00 PRICE: \$4.95</p>	 <p>Same style as #5005 PRI: 115 V 60 cyc SEC: 24 V 1 AMP. Size 2-3/4 x 2 1/2 x 2 1/2 lb. Stock # FAIR-718R Price \$1.95</p>	 <p>3.5 HY 200 MA 70 OHMS 3 1/2 x 4 x 3 1/2; 5 LBS ORD. # 7529828 \$1.75</p>	<p>AUDIO OUTPUT TRANSFORMER PRI: 450 ohm SEC: 300/4000 ohms Impedance PO/BC-348 STOCK# 2296348/T 2x4x2 1/2 WT. 2 1/2 lb Price \$1.00</p>
 <p>PRI: 115 V 60 CYC. SEC: 1100 V 75 MA. 7.5 3.25 AMP. Size 4x5x5 WT. 10 1/2 lb Stock # 229812 PRICE: \$2.95</p>	 <p>PRI: 115 60 cyc SEC: 2400 CT 106 MA. Size 7x4x6 1/2 WT. 25 lb Stock# 229614-152 Price \$5.95</p>	 <p>PRI: 115 V 60 CY 700CT 200 MA 700CT 60 " 2/ 5.0 2 A 1/ 6.3 7 A 1/ 6.3 8.0 A 5 1/2 x 5 1/2 x 6; GARDNER #517 \$3.95</p>	 <p>PRI: 230/460 60cy SEC: 1025 CT 350MA 4 60" SIZE: 4 1/2 x 6 1/2 x 6 1/2 32LB STK# 229601.84 PRICE: \$2.95 USE TWO FOR 115 V</p>	 <p>PRI: 115/230 60 CYC SEC: 400 VCT 4 AMP 1000 WATTS SIZE: 10x8x5 1/2 WT: 45LB P/O RA-43 RECT. STK# 229607-3 PRICE: \$6.95</p>	 <p>UNCOR TRANSFORMERS Transformer Pri: 100 ohm Sec: 4000 " PO/BC-709 Amp. 3/4x3/4x1 1/2 ST# 229931 Price \$.59</p>	 <p>Transformer Pri: 1.5 ohm Sec: 35-35 " PO/BC-347 3/4x3/4x1 1/2 Stock# 229947/421 Price \$.59</p>	<p>Microphone Transformer Pri: 15 ohm Sec: 5000 " 1 1/2 x 1 1/2 x 2 " PO/BC-26/AIC ST# 229631.121 Price \$.59</p>

UTILITY BLOWERS

THE BLOWERS LISTED BELOW ARE STANDARD SHADED POLE TYPE AND ARE QUITE RUNNING WITH NO RADIO INTERFERENCE.

50 & 100 CFM BLOWERS

For Heat Boosters, Dryers, Exhausters, Drafts

You can't buy a better blower for forced drafts for warm air heating systems, heat boosters, exhausters, dryers, etc. Lowest priced, best made blowers of their kind.

Singe and twin types, 50 and 100 CFM respectively. Sturdy 3" dia. blower wheels are direct-driven by 115V, 50 Cy. quiet running Dayton motors. Steel housings are rubber mounted. 2 1/2" discharge. Outlet velocity is 2030 ft./min. 9" wire leads. Black finish. Shpg. wts. 5 and 6 lbs.



\$8.95

#1C939F



\$12.95

#2C721F

340 CFM TWIN BLOWER

For Hot & Cold Air Circulation, Exhaust, Etc.



\$20.95

#2C069F

275 CFM Dayton Twin Blower. Ideal for air circulation, forced draft, and exhausting. Requires more air than possible with single blower. Silent, dependable and quiet. 4 1/2" dia. balanced wheels powered by 1550 RPM, 115V, 60 Cy. motor with 12" leads. Rubber mounted pressed steel housings with 3 1/2" outlets. Each outlet has 4 1/2" square flange to facilitate mounting. Outlet velocity is 1980 ft./min. 4 1/2" dia. air intakes. 1 1/4" W x 8 1/2" H x 8 1/2" D. Black baked-on enamel. You'll like this blower's performance and the way it is built. Wt. 12 lb.

15 CFM BLOWER No. 2C782F \$8.75

100 CFM BLOWER No. 2C781F \$10.95

2C781 100 CFM 115 VOLT 60 CYCLE INTAKE 3" OUTLET 2-1/8" FL 4-1/8" BIZE 5-13/16" x 6-3/4" x 6-5/16" SHPG. WT. 5 LBS. PRICE: \$10.95

2C782 15 CFM 115 VOLT 60 CYCLE INTAKE 2-7/8" OUTLET 1 1/2" FLG 2 1/2" BIZE 3-13/16" x 4" x 3-7/8" D SHPG. WT. 2 1/2 LBS. PRICE: \$8.75

140 CFM UTILITY BLOWER

For Exhausting, Forced Draft, Cooling, Etc. Delivers blasts of air \$11.95

Com. 2C610F 140 CFM single-inlet blower. Top performance for forced draft, ventilating, exhausting, cooling and drying applications. 5 1/2" x 4" mounting flange with 2 1/2" square discharge. Outlet velocity is 3230 ft./min. 3 1/4" dia. blower wheel direct-driven by 2800 RPM, 115 HP, 115V, 60 Cy. motor with conduit box and 20" leads. 7 1/2" W x 7 1/2" H (less flange) x 6 1/2" D. Order sample and test best 140 CFM utility blower. Wt. 9 lbs.

108 CFM 'PANCAKE' BLOWER

Compact—Motor is inside Blower Wheel

Dayton "pancake" moves 108 CFM where installation space is limited. Only 4 1/4" wide—because motor has been built inside blower wheel. Fits into 4-5/16" W x 8 3/4" H x 8 1/4" space. Discharge 5 1/2" x 3" H. Outlet velocity is 1530 ft./min. 4 1/2" dia. squirrel cage blower wheel and air intake. Steel, rubber mounted housing with baked on black enamel finish. 1550 RPM, 115V, 60 Cy. motor with 12" leads. Shpg. wt. 6 lbs.



\$12.95

#2C067F

350 CFM DAYTON BLOWER

4 1/2" Wheel, 1/10 HP, 115 V, 60 Cy. Motor

Designed for applications that require more air than average shaded pole blower provides. Ideal for many exhausting, heating, cooling, drying, circulating, etc. applications. 350 CFM at 60" SP, 350 ft. min. outlet velocity in free air. 6 1/2" x 2 1/2" W blower wheel is direct driven by 1/10 HP, 1500 RPM, 115 V, 60 Cy. rubber mounted shaded pole motor. 190 #1 L. wts. 2.9 #. 1 1/2" dia. Precision steel housing with 5 1/2" x 5 1/2" intg. flange. 1 1/2" x 3 1/2" discharge. 5 1/2" dia. intake. 5 1/2" H x 5 1/2" W x 10 1/2" D. Baked Black finish. Shpg. wt. 12 lbs.



\$22.75

#2C841F

AMPLIFIER



NAVY INTERPHONE AMPLIFIER FOR TCS EQUIPMENT Uses 2/12A6 AUDIO TUBES IN PUSH-PULL. CARBON MICROPHONE INPUT 75 TO 200 OHM. RECEIVER; INPUT INPUT 600 OHM. AUDIO OUTPUT 125 OHM. VOLTAGE REQUIRED 12VDC & 250VDC 60MA.

MTG FOR 12VDC DYNAMOTOR 35x032. CAN BE USED AS A AUDIO AMPLIFIER FOR MOBILE OR HOME. SIZE: 7 1/2" x 7" x 10" WT: 15 LBS. STK# CMX50128 COMPLETE WITH 3/12A6 TUBES LESS DYNAMOTOR \$2.95 " " " WITH 12V " 6.95

WITH SCHEMATIC & MANUAL, MFG BY MAGNAVOX

AUDIO AMPLIFIER AM-26/AIC

AUDIO AMPLIFIER USED IN AIRCRAFT FOR INTER-COMMUNICATION. CARBON MICROPHONE INPUT, HIGH & LOW IMPEDANCE OUTPUT WITH VOLUME CONTROL. NORMALLY OPERATES FROM 24 VOLTS DC FOR FILAMENTS AND 250 VOLTS DC 60 MA. FOR B THAT WAS SUPPLIED BY A DM-32 DYNAMOTOR THAT WAS MOUNTED ON THE BACK. COMPLETE WITH TUBES 2/12J5 & 2/12A6. FOR CONVERSION TO 9 WATT AMPLIFIER SEE SURPLUS CONVERSION MANUAL #2 PRICED AT \$3.00. SIZE: 9 1/2" x 5 1/2" x 5 1/2"; WT: 6 1/2 LBS. PRICE: USED \$3.95



BC-610 PLUG IN OSCILLATOR UNITS FOR 500 WATT TRANSMITTER. UNITS WILL MAKE A GOOD FOUNDATION FOR 25-40 WATT TRANSMITTER. EACH UNIT CONTAINS VARIABLE CAPACITORS, COILS, KNOBS CRYSTAL SOCKET. SWITCH ETC. SIZE: 2x8x4 1/2

TU-50 " 4.0 - 5 " #TU-53 " 8.0 - 12. " TU-51 " 5.0 - 6.35 #TU-62 " 1.0 - 1.5 "

ALL UNITS ARE USED AND HAVE CRACKED INSULATION ON THE PLUG IN STRIP. WT: 2 1/2 LBS. PRICE: \$1.75 EA

BC-610 TRANSMITTER PLUG IN COILS AIR COILS 3x4 1/2" OVERALL WITH INSIDE COUPLER. FIVE PLUG IN PINS. #C-455 FREQ. 1 - 1.5 MC.

#C-447 " 8 - 11.0 MC. #C-448 " 11 - 14.0 MC. WT: 1 LB. PRICE: NEW \$3.95

RM-52 REMOTE CONTROL UNIT (MACY'S PHONE PATCH) USED FOR RE-CONTROL OF RADIO SET, OPERATES FROM 4 FLASHLIGHT BATTERIES. HAS MULTI-TAP TRANSFORMER, MIC, PHONE HIGH/LOW IMPEDANCE & JACKS. BASIC UNIT FOR MAKING MACY'S PATCH. SIZE: 7 1/2" x 3 1/2" x 5 1/2"; WT: 5 LBS. PRICE: USED \$1.95 NEW \$2.95

RM-53 REMOTE CONTROL UNIT BASICLY THE SAME AS RM-52 ONLY IT HAS A 3 POSITION SWITCH AND CORDS WITH PL-55 AND PL-68 PLUGS. SIZE: 8 1/2" x 4 1/2" x 4 1/2"; 6 LBS PRICE: USED \$2.95 RE-NEW 3.95

R-150/CRW-7 RECEIVER High frequency for remote control in the 65.9 to 92.8 MC band Variable condensers for tuning four preset channels for simultaneous reception that operate separate relays Complete with ten tubes 6/6AG5, 3/6J6, 1/6AL5 24 volt dynamotor, relays band filters etc. Size 6 x 10 x 8. USED \$4.95 RE-NEW \$6.95

DC BLOWER DUAL OUTPUT UNIT OPERATES FROM 12 OR 24 VDC. APPROX. 100 CFM 3000 RPM AT 24 VOLTS, 65 CFM 2000 RPM AT 12 VOLTS. SIZE: 10x5 x5; WT: 4 LBS. PRICE: \$1.95

IDENTIFICATION VISUAL FLASH LAMP

USED BY THE ARMY FOR SIGNALING AND IDENTIFYING TROOP MOVEMENTS. OPERATES FROM 6 OR 12 VOLTS DC. IDEAL FOR BOATS, PLANES, AUTO'S, BOAT LANDINGS, MOUNTAIN COTTAGES ETC. FOR THE USE INTENDED OR CAN BE USED FOR A PHOTO-FLASH UNIT OPERATING FROM 6 OR 12 VDC OR CAN BE CONVERTED TO 115 VAC FOR HOME & STUDIO USE. CONSISTS OF A HIGH VOLTAGE CONVERTER USING TRANSFORMER, VIBRATOR, PENNSYLVANIA FLASH TUBE #1073A, HIGH VOLTAGE CONDENSER & 20 FT CABLE. COMPLETE WITH SPARE PARTS IN CARRYING CASE & INSTRUCTION BOOK. SIZE: 17x10x4 1/2" WT: 50 LBS. STK# AN/VVX-1 PRICE: NEW \$29.50 USED \$19.50

PPI RADAR SYNCHRONIZER OFFSET CHASSIS ASBY WITH TUBES 2/6AT6 6100, 6096, 6101, 8 CERAMIC 7 PIN SOCKETS, 5 TEST PIN JACKS, 5 PRECISION RESISTORS, CONDENSERS, TRANSFORMERS ETC. SIZE: 7 1/2" x 5 1/2" STK# WITH 2 LESS TUBES \$2.95 \$10.15 TUBES \$2.95 & SHIELDS \$5.50

BE-77 TELETYPE LINE UNIT. THIS UNIT MAKES THE NECESSARY CONNECTIONS BETWEEN A DC SOURCE, WIRE LINE CIRCUIT & TELETYPEWRITE REPEATS SIGNALS BACK & FORTH FROM THE EQUIPMENT, MEASURES AND ADJUSTS LINE VOLTAGES. COMPLETE WITH 3" BIAS METER ZERO CENTER 0-120dcy & 0-100dc ma. NEW \$7.95 SIZE: 6x6x8 WT: 9 1/2 LBS. PRICE USED 5.95

URC-4 TEST SET TS-684/URM-30 ANALYZER FOR URC-4 RADIO SET, ALIGNMENT AND TESTING CONTAINS 0-1 MA METER, METERING SWITCH, CRYSTAL OSCILLATOR, ANTENNA CABLES ETC. IN METAL CARRYING CASE. SIZE: 6x6x4; WT: 4 LBS. NEW \$8.95

TEST SET TS-3A/AP RADAR FREQUENCY METER 2400 TO 3400 Mc USING A TUNEABLE CAVITY ALSO HAS 3" METER FOR TESTING POWER OUTPUT, 0-2 MA. MOVEMENT 0-20 SCALE. USED WITH SCR-717/720 RADAR SET. WITH CABLES, TEST LAMP, COMPUTER RULE ETC. SIZE: 8 1/2" x 8 1/2" x 8 1/2"; WT: 25 LBS. PRICE: UNUSED \$12.95

BC-438 FREQUENCY METER 376-418 Mc. 3970 Kc. CRYSTAL CONTROLLED, 5" VERNIER DIAL, TUBES, 6X5, 6K7, 6J5, 6V6 & 6A8. OPERATES FROM 115 V 60 CYCLE. SIZE: 8x16x8; WT: 25 LBS. \$9.95

TS-164 FREQUENCY METER CASE WITH VOLTAGE REGULATOR TUBE VR-105, TWO BALLAST TUBES & RELAY INSTALLED IN REAR COMPARTMENT WHICH IS TWO INCHES DEEP. FRONT COMPARTMENT IS 9-3/4x7x7-3/8. HINGED COVER WITH INNER CARTMOT FOR HOLDING CALIBRATION CHART. CAN ALSO BE USED FOR BC-221, TS-174, TS-175 ETC. WT: 15 LB PRICE: UNUSED \$3.95

MINE DETECTOR SCR-625 Famous ARMY MINE-DETECTOR Less Batt. \$32.95 With Batt. \$37.95

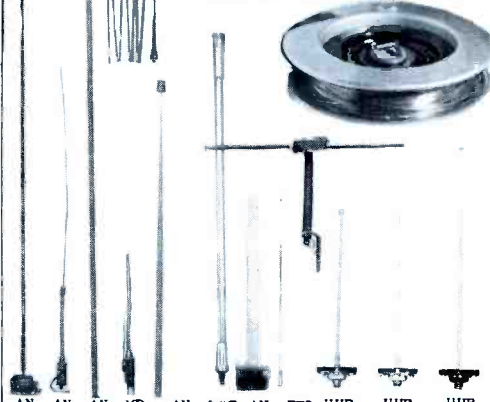
Portable unit for detecting hidden metal objects up to 24" in depth depending on the size and ground conditions. Detection is noted by a tone signal that is feed into a headset or speaker unit that are part of the set. Good for plumbers, oil, companies, miners, prospectors BATTERY BA-38 NEW \$5.95

ANTENNAS

AERIAL ANTENNA WIRE

W-106A COPPERWELD #18 WIRE SINGLE CONDUCTOR SOLID. (COPPERWELD IS STEEL WIRE COPPER CLAD FOR EXTRA STRENGTH) 250 FT. ON A ALUMINUM REEL MC-235. PRICE: \$1.50

AN-131



AN AN AN MP AN AT AN TEL UHF UHF UHF
109 130 745 74 75 24" 546 20" 10" 13" 16"

AN-109 Whip antenna 5 FT. tapered 1/4" tol/8" mounted on bakelite base 2 1/2" x 2 1/2" x 1 1/2" cadmium plated. Price \$1.50

AN-117 Whip Antenna 6 Ft. no base Tapered 5/8" to 1/8". Price \$1.50

AN-75 Whip Antenna telescoping 84", collapsed 12", no mounting taper 5/8" to 1/16". Price \$1.00

AN-745 Whip Antenna telescoping 3 section 94", no base or mounting. taper 5/8" tol/8". Price \$1.50

AN-131 WHIP ANTENNA 12 FT. THROW-OUT TYPE, MTG. 3/8" 24TH. TAPER 3/8-1/8" \$1.50

AT-35 DIPOLE ANTENNA, 200-250 MC. WITH UG-22 COAX. CONN. #2A288A-35; 2LBS. \$1.50

AN-130 Goose-neck whip 30" F/BC-1335, BC-1000 \$1.00

AN-546 Saber Type 16" Plastic Base 1.00

MP-74 Goose-neck base only 3/8" opening 1.00

UHF Whip Antenna's with coax fitting on 3" insulated mounting. 13" Rod \$1.00 10" Rod \$1.00

AT-624 WHIP ANTENNA 24", 5/16 F TH. \$1.00

Chrome plated telescoping 20" no base. Price \$1.50

WHIP EXTENSION 24" 5/8" rod 1/2" x 12 thread, can be screwed together for longer lengths. Price \$.60 ea. 10 for \$5.00

AT-598/APT WHIP ANTENNA 30 1/2" LG. WITH COAX. REC. FOR UG100A/U \$2.50

AT-598 MATCHING COAXIAL LINE 11 IN. RG-14 52OHM CONNECTOR \$2.50

GROUND PLANE ANTENNA Ground plane antenna to cover 20 to 50 MC. Made from surplus insulated base & screw in type mast sections. Mounts on 1 to 2 inch pipe. Specify operating frequency range. \$10.95

Antenna Telescoping AN-29 for BC-659 12 FT, 10". \$2.95

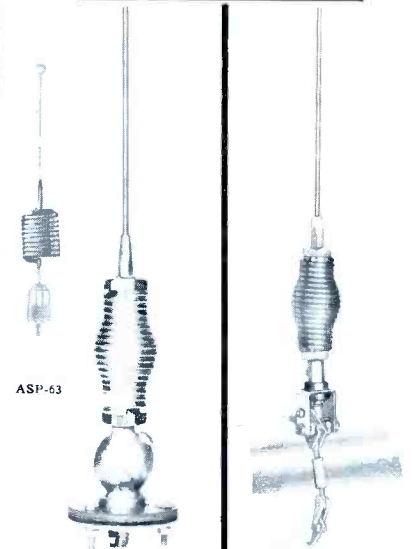
AN-45 for BC-620 8 foot \$2.95

INSULATOR TERMINAL STRIP 8 feed thru insulators size 1/2 x 1, mounted on 1 x 9 terminal strip. Each strip \$.35 Four strips \$1.00

ANTENNA PHOSPHOR BRONZE #16 1 CONDUCTOR WITH 2 SNAPS & SLIDE CONNECTOR, INSULATED. AN-22 " 20" .65

MOBILE

COMMUNICATIONS



ASP-63

M-1 \$9.95

M-2 \$12.45

Standard amateur communications antenna comprised of the following parts:
M-3 Base
M-3A Spring
M-3B Whip
Weight — 4 lbs. 7 oz.

Standard amateur bumper mount antenna comprised of the following parts:
M-2A Bumper Mount
M-3A Spring
M-3B Whip
Weight — 4 lbs. 5 oz.

UNIVERSAL SWIVEL BASE

M-3 Base — Top-quality aluminum 2" diameter swivel with Bakelite mounting insulator and heavy steel back-up plate complete with water-sealing gasket and mounting hardware... Gleaming finish ball. A 3/8"-24 female thread will accept rod or spring.



SPRING FOR MOUNTING WHIP

M-3A Spring — Specially styled heavy duty spring for 96" maximum length whip. Bend it through a 100" arc and it will not break or fail in performance. Maximum electrical conductivity assured by a center braid 3/8"-24 male thread at one end, 3/8"-24 female on other and fits base and whip.

ASP-63 PORTABLE ANTENNA ONE PIECE 40" LG. WITH VINYL COVERED LOADING COIL & PL-259 CONNECTOR SPECIFY COIL TURNS W/O ORDER \$7.77

STAINLESS STEEL WHIP

M-3B Whip — The 96" taper ground stainless steel whip has 3/4" 24 male threaded base fitting. It can be fitted directly to either spring or base, will cut to any desired length and will bend to 90° and return to upright position without harm.

Double Chain Bumper Mount ASP-143



MOBILE ANTENNA PRICES

- M-1 Complete with base, spring, & 96" whip as listed below. \$9.95
- M-3 Universal swivel base. \$3.50
- M-3A Spring for mounting whip. \$3.00
- M-3B Stainless steel whip 96". \$3.50
- M-2A Chain Bumper Mounting. \$5.95
- ASP-143 Double Bumper Mount \$7.95
- M-13 Swivel Base with shielded coaxial connector 6.00
- M-4 Whip Gutter Clip 1.00

ASP-165 Coaxial Antenna cable with PL-259 connector one end used with M-13 coaxial base, 12 FT. \$3.50

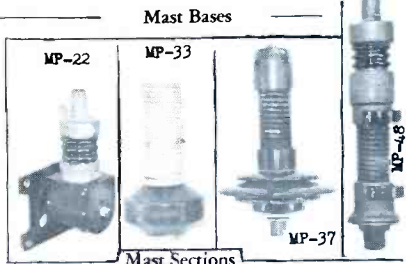
IM-144 Automotive coaxial cable 2.95 push pin plug one end 12 FT.

NEON LIGHTING ARRESTOR HI-POWER 4 for \$1



SMALL ANTENNA INSULATORS Insulating material made of polystyrene Size 1 1/2 x 1 1/2 Mtg. hole 3/4" Receptacle size 3/8 x 24 TH. STOCK # 223021-227 Fits ANT. AN-130, 131, Size 7/8 x 1 1/2 Mtg. hole 5/8" Receptacle size 1/2 x 20 TH. Fits any of the UHF Rods Stock # 223062-237 Specify type each \$.75

MS-49
MS-50
MS-51
MS-52
MS-53
MS-54



Mast Bases

MP-22

MP-33

MP-37

MP-48

Mast Sections

3 ft. Tubular steel, copper coated and painted sections. These screw together to make any desired length. MS-49 being the top & smallest section increasing in size through MS-50-51-52-53 to MS-54 being the larger one. Either the MS-53 or MS-54 will fit together to form any additional height desired. Example a 33 ft. vertical may consist of one each MS-49, 50, 51, 52, and 7 each of MS-53 or it may be finished out on the bottom with 6 MS-54 sections. Self support to about 18 ft. Average wt. app. 3/4 lbs. MS-49-50-51-52-53 .50 ea. MS-54 .75 ea

Mast Bases

MP-22 Side mount swivel mast base will tip to 90° either right or left. Has a spring snap lock in the vertical position, will take either the MS-53 or MS-54 mast sections. Size Mtg. plate 5" 6" X 10 1/2" high. Wt. 9 lbs. Price.....\$2.95

MP-22A Same as above except mounting hole is for the MS-51 with the MS-49, MS-50 and MS-51. This will make a 9 ft. tapered antenna. Price \$2.95

MP-33 A heavy weight spring mast base for the MS-53 or MS-54 with 5" phenolic insulator. 10 1/2" high. Requires a 2" Mtg. hole. Wt. 8 1/2 lbs. Price \$3.95

MP-37 Heavy coil spring with an 8" climeter ceramic insulator. Requires a 2" Mtg. hole. 12" high Wt. 10 1/2 lbs. Price.....\$5.95

MP-48 A rugged mast base with the insulator above the spring will take the MS-53 or MS-54 mast sections. Size 3"D. X 16 1/2"H. Wt. 11 3/4 lbs. Price.....\$2.95



29x27" DIA.

APS-2 REFLECTOR FOCAL 5"

HOLE 2 1/2"

SHPG

WT: 6 LBS

PRICE: \$7.95

POLISHED SPUN ALUMINUM BAND CAN BE REMOVED.

ID-98/APN INDICATOR CONSISTS OF ANTENNA 5" LAMP CONN. RODS; DC IS LAMP THROUGH SWITCH & 2 CONTROL LAMP USED TO CHECK THE OUTPUT OF ALTIMETER IN THE 400 TO 600 MC. WHEN USED WITH TEST SET TS-10. REQUIRES ONE FLASH-LIGHT BATTERY. \$.50



INDICATOR ASSEMBLY FROM CRV-55A PL CONSISTS OF 2 SYNCHRO MOTORS MARK 4 MOD. 2 SIZE 5F, 115-90 V. 60 CYCLE CONNECTED TO 7 1/2" 0-360 DEG. SCALES; INNER & OUTER ON ALUMINUM CHASSIS 14x14x14; WT: 40 LBS. RE-COND. \$20. UNIT AS DESCRIBED & ILLUS. \$18.95 SYNCHRO MOTOR ONLY, EACH..... 8.95 SYNCHRO CONTROL TRANSFORMER MARK 3 MOD. 2, 5CT, 90-55V, 60CYC. \$9.95

- AS-150/ART Whip Antenna 30" long with 8ft. matching coax cable & SO-239 plug. \$1.50
- AS-97/ART Whip same as above except 72" rod. 1.95
- AS-27/ARN-5 Horizontal folded dipole as used with RC-103, BC-733, ARN-5 Equip. on airplanes. 108-110 MC. UNUSED \$5.95 Dipole Antenna 150 to 180 MC. 2.95
- AN-148 Stub Antenna f/SCR-522 100-156MC. 1.25

AS-27

AN-148

PLYWOOD ANTENNA MAST 50 FT.

MA-7A Mast for mounting antenna. Consist of 5 sections 4" tubular plywood, couplings, guy ropes, gin pole base & stakes Slipping WT. 200 lbs. \$24.95

IN-86

STRAIN INSULATOR Size 1x3 4 for \$1.



APA-17 SCOPE

IP-94/APA-17 RADAR INDICATOR 5", AMPLIFIES AND GIVES VISUAL INDICATION OF THE RELATIVE BEARING OF RADIO & RADAR SIGNALS IN THE FREQUENCY RANGE OF 250 TO 1000 MC. WHEN USED IN CONJUNCTION WITH A RECEIVER COVERING THE SAME RANGE. MAY BE ADAPTED FOR USE ON OTHER FREQ. OR CONVERTED FOR USE AS A TEST OSCILLOSCOPE. HAS ALL CONTROLS ON FRONT PANEL ALSO HAS SELSYN MOTOR ATTACHED TO VARIABLE CONDENSER THAT IS USED FOR SCANNING IN SYNCHRONISM WITH ANTENNA MOTOR. COMPLETE WITH 1/5J2 5" CATHODE RAY TUBE, 1/6SH7, 1/6SJ7, 2/6AC7, 2/6H6, 1/6V6 & 2/2X2 HAS POWER SUPPLY FOR CR TUBE ONLY THAT OPERATES FROM 115 VOLT 400 CYCLE. SCHEMATIC FURNISHED ID-80/APA-17 WHICH IS EARLIER MODEL BUT WILL BE VERY SIMILAR. SIZE 11 1/2 x 9 1/2 x 24; WT: 24 LB

PRICE USED \$9.95

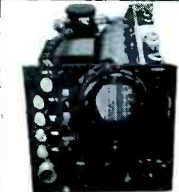
ID-80/APA-17 SAME AS ABOVE ONLY EARLIER MODEL AND USES ONLY ONE 2X2 TUBE. WITH SCHEMATIC.

PRICE RE-NEW \$16.95



R-7/APS-2 RECEIVER - INDICATOR, 1/5FP7 & 1/3AP1 CATHODE RAY TUBES, 8/6L6, 13/6SN7, 8/6AC7, 2/6H6, 1/2X2, 2/2/6X5, 3/5U4G & 3/VR-105 OPERATES FROM 115 VOLT 400 CYCLE. ALSO 3/2 1/2" SQ. METERS, MILLIAMETERS, AND

ALL CONTROLS ON FRONT PANEL ALSO REQUIRES 24V DC FOR BLOWER. SIZE: 20 x 24 x 14; WT: 90 LBS
PRICE: GOVT. RECOND. \$29.95



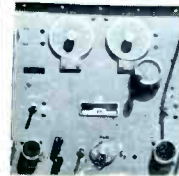
ID-169/APN-12 RADAR RANGE INDICATOR OSCILLOSCOPE, USED WITH VARIOUS TYPE SETS FOR INDICATION OF INCOMING SIGNAL: IN ORDER THAT THE RANGE MAY BE DETERMINED. HAS VERTICAL, HORIZONTAL, FOCUS, SWEEP & INTENSITY CONTROLS, COAXIAL ANTENNA, CHANGE-OVER MOTOR ALSO TUBES 3BP1, 2/6H6, 2/6SN7, 1/6G6, 1/6X1 & 1/2X2. OPERATES FROM 115 VOLT 400 CYCLE & 24 VDC. SIZE: 10x8x22; WT: 40 LBS
PRICE: USED \$9.95

RADAR INDICATOR



PPI RANGE INDICATOR FOR T-9 TRACKER RADAR SET AN/GPC-1. OPERATES FROM 115 VOLT 60 CYCLE WITH TUBES, 13/6L6, 2/12AH7, 1/6AG5, 1/6AR6, 1/6AG7, 2/6C4, 1/12AU7, 1/3DP1, 1/5ADP7 & 2/3829 ALL

FOCUSING CONTROLS ON FRONT PANEL, CHASSIS ONLY, NO COVER. SIZE: 13x11x24; WT: 80 LBS.
PRICE: EXCELLENT USED \$32.50



COMPUTER SIMULATOR

COMPUTER SIMULATOR SYSTEM WITH FOUR SYNCHRO RESOLVERS, DIFFERENTIALS & TRANSFORMERS. FOUR PRECISION POTS, 115 VOLT 400CYCLE 600 RPM MOTOR, DIGIT COUNTER, DIALS, ALL TYPES OF GEARS, SWITCHES, CONTROLS ETC. HOUSED IN ALUMINUM CARRING CASE WITH COVER. SIZE 14 1/2x14 1/2x12; WT: 30 LBS.
STK# T-101251 PRICE: \$12.95

AUTO PILOT



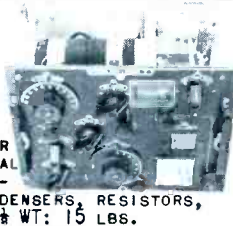
MISSILE AUTOPILOT AMPLIFIER 35 TUBES, 10/5814, 4/6AG5, 4/6A0, 4/12AL5, 6/5879, 6/6AL5 & 1/5751 CIRCUITS, ROLL & PITCH, NORTH, SOUTH, EAST, WEST, GAIN & BALANCE CONTROLS, RESISTORS, CONDENSERS, TRANSFORMERS, RECTIFIERS LOADS OF PARTS MOUNTED ON A 3 SECTION ALUMINUM FRAME THAT CAN BE DISMANTLED.
SIZE: 28 1/2 x 4 1/2 x 12 1/2; WT: 35 LBS.
PRICE: USED \$14.95

A-M RECEIVER 25 TO 105 MC



R-58/ARQ-8 RECEIVER USED WITH T-51 TRANSMITTER AS A SEARCH AND JAMMING SET IN 25 TO 105 MC RANGE. THE RECEIVER FREQ. WAS CONTROLLED BY THE TRANSMITTER OSCILLATOR AND FEED THROUGH THE COAXIAL CONNECTOR ON THE FRONT OF THE RECEIVER WHICH HAS A 20 MC. IF. A BAND-PASS CIRCUIT 5 MC. WIDE TUNEABLE BETWEEN 25 & 105 MC IS USED BETWEEN THE MIXER CONTROL GRID AND THE ANTENNA. UNIT REQUIRES 115 VOLT 400 CYCLE & 24 VOLT FOR POWER. COMPLETE WITH TUBES 1/9001, 3/6SG7, 1/6SO7, 1/6AG7 AND 1/5Y3GT. SIZE: 5 1/2 x 7 1/2; WT: 25 LBS.
PRICE: USED \$9.95
ILLUSTRATED COVER REMOVED. POWER PLUG, \$1.50
RECEIVER SCHEMATIC \$1.00/ POWER PLUG, \$1.50

CAY-47150 TUNING UNIT FREQUENCY 300-800 KC. USED WITH THE GP-6 TRANSMITTER UNIT CONTAINS A GREAT DEAL OF USEFULL PARTS SUCH AS 3 CERAMIC VARI-COUPLER COILS, 4 CERAMIC HEAVY DUTY WAFER SWITCHES, A DUAL GEAR DIAL VERNIER DIAL 3", 4 CERAMIC SHAFT COUPLERS, CONDENSERS, RESISTORS, KNOBS ETC. SIZE: 11x8x8; WT: 15 LBS.
PRICE: USED \$2.95 UNUSED \$3.95



T-28 APT TRANSMITTER

RADAR JAMMING TRANSMITTER COVERING THE FREQUENCY OF 140 TO 210 MC. USES TUBES 931 (NOISE TUBE) 2/832, 2/6C4, 2/5R4, 3/6AC7, & 1/6V6, 1/6X5 COMPLETE WITH TUBES, 2/24 VOLT BLOWERS, POWER SUPPLY 115 VOLT 400 TO 2600 CYCLE. OSCILLATOR AMP. PLATE, GRID PLATE & MIXER PLATE CONTROL ON FRONT PANEL. SIZE: 7 1/2 x 10 x 20; WT: 40 LBS.
PRICE: USED \$12.95



T-9 XMITTER \$9.95

T-9/APQ-2 RADAR TRANSMITTER AM 200 - 500 MC ORIGINALLY USED IN AIRCRAFT FOR JAMMING RADIC & RADAR SIGNALS. APPROX. 6 TO 15 WATTS OUTPUT DEPENDING ON FREQ. EXCEPTIONALLY STABLE LINE OSCILLATOR EMPLOYING TWO W.E. 388 DOORKNOB TUBES IN PUSH PULL. INDEPENDENT GRID & PLATE TUNNING WITH INDICATION ON VEEDER ROOT COUNTERS. COAXIAL OUTPUT POWER MEASURING ASSY WITH ADJUSTABLE OUTPUT COUPLING & TUNNING ASSY. VOLTAGE REQUIRED 450 VDC 250 MA. & 2 TO 6 V. COMPLETE WITH TUBES 931 NOISE TUBE, 2/807, 2/6AC7, 1/6AG7, 2/388 TUBES
SIZE 7 1/2 x 10 x 19 1/2; WT: 33 LBS.

SERVO AMPLIFIER



SENSITIVITY AMPLIFIER #667504 AS USED IN AIRCRAFT SERVO SYSTEM. COMPLETE WITH 10 TUBES, 5/5829, 1/5787, 2/5687, 1/12AX7 & 1/12AU7. ALSO HAS 2 OUNCER TRANSFORMER, PRECISION RESISTORS, POTENTIOMETERS, CONDENSERS, ETC. SIZE: 5x3x4; WT: 3 LBS.
PRICE: USED \$3.95



COMPUTER CONTROL

CP-949/APA-44A WITH AUTOSYN DIFFERENTIAL CONNECTED TO A GEAR TRAIN DIAL. ALSO HAS 4 WAY BAT HANDLE SWITCH LARGE TYPE, 9 DECK CERAMIC SWITCH 4 POSITION, 6 GRAIN OF WHE AT LAMPS ETC. SIZE 6x7x5; WT: 9 LBS. USED \$3.95

SYNCHRO SELSYNS



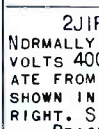
SYNCHRO GENERATOR SPERRY PT#R5663642 MFG. BY BENDIX FOR IBM. SIMILAR TO BENDIX # AY-401-2. OPERATES FROM 26 VOLTS 400 CYCLE SINGLE PHASE WHEN USED IN CONJUNCTION WITH BENDIX # AY-201 SYNCHRO CONTROL TRANSFORMERS IT WILL OPERATE UP TO 20 UNITS. WILL ALSO OPERATE FROM 6 VOLT 60 CY. WITH A SLIGHT LOSS. SIZE: 2 1/2 x 2 1/2; SHAFT: 1/16 x 1/2; WT: 12 OZ. PRICE: NEW \$2.95 2 FOR \$5.00



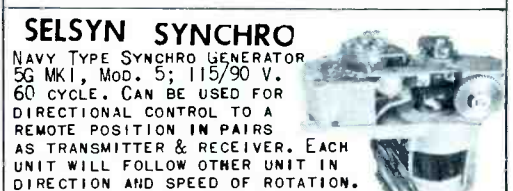
AY-201 SYNCHRO CONTROL TRANSFORMER MFG. BY BENDIX, ROTOR 1 PHASE 26 VOLT 400 CYCLE, STATOR 3 PHASE 11.8 VOLTS. SIZE: 1 1/2 x 1 1/2; SHAFT 1/2 x 1/16; WT: 3 OZ. CONDITION REMOVED FROM EQUIPMENT.
PRICE: \$1.95 EACH 3 FOR \$5.00



KEARFOOT R-200 SYNCHRO CONTROL TRANSFORMER. ROTOR 26 VOLT 1 PHASE 400 CYCLE, STATOR 11.8 VOLT 3 PHASE. SIZE: 1 x 1-3/4; SHAFT 1/16 x 1/2; WT: 3 OZ. CONDITION REMOVED FROM EQUIPMENT. PRICE: \$2.95 EACH
KEARFOOT SYNCHRO RESOLVER R-235, ROTOR 2 PHASE 26 VOLTS, STATOR 2 PHASE 11.8 VOLTS 400 CYCLE. SIZE: 1 x 1-3/4; SHAFT 1/16 x 1/2; 3 OZ. REMOVED FROM EQUIPMENT. PRICE: \$2.95



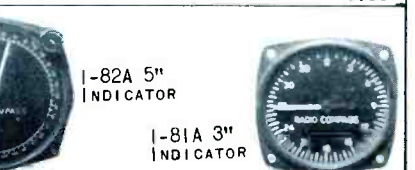
2J1F1 SELSYN GENERATOR NORMALLY OPERATES FROM 115/57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 36 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM TO THE RIGHT. SIZE 2 1/2 x 4 1/2; WT: 8 OZ.
PRICE: WITH CONNECTOR CAPS. \$2.95



NAVY TYPE SYNCHRO GENERATOR 5G MK1, MOD. 5; 115/90 V. 60 CYCLE. CAN BE USED FOR DIRECTIONAL CONTROL TO A REMOTE POSITION IN PAIRS AS TRANSMITTER & RECEIVER. EACH UNIT WILL FOLLOW OTHER UNIT IN DIRECTION AND SPEED OF ROTATION.
HEAVY DUTY GEAR TRAIN WITH SELSYN/SYNCHRO AS ILLUSTRATED, SIZE 10x8x5, WT: 12 LBS. \$7.95
SELSYN/SYNCHRO ONLY 6 1/2 x 4 WT: 5 " 5.95
GEAR TRAIN ONLY 10x3x5 WT: 7 " \$1.50



LP-21LM LOOP ANTENNA AS USED ON AIRCRAFT WITH RADIO COMPASS RECEIVERS FOR USE IN THE 200 TO 1750 KC. COMPLETE LOOP ILLUSTRATED TO THE LEFT. ILLUSTRATION TO THE RIGHT IS WITH HOUSING REMOVED AND IN THE CENTER ARE ILLUSTRATED THE GEAR TRAIN MOTOR, REVERSIBLE CK-2 AND AUTOSYN SELSYN MC-217/MC-507 WHICH ARE INSIDE THE BOTTOM HOUSING ALSO CONTAINED THEREIN IS A SLIP RING ASSY. MOTORS OPERATE FROM 26 VOLT 400 CYCLE BUT CAN BE OPERATED FROM 60 CYCLE AS SHOWN IN WIRING DIAGRAM BELOW.
SIZE: OVERALL 20x16x10; WT: 12 LBS. COND. USED.
LP-21-LM LOOP COMPLETE WITH HOUSING \$9.95
LP-21-LM " " " " LESS " 6.95
CK-2 GEAR TRAIN MOTOR ONLY 4.95
MC-217/MC-507 AUTOSYN SELSYN 3.95
PL-112 PLUG TO FIT LOOP 9 CONTACT 2.50
PL-108 PLUG " " " 4 " 1.50

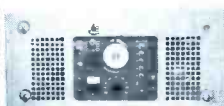


1-82A INDICATOR 5" ILLUSTRATED TO LEFT ABOVE 0-360 DEGREE SCALE CONTAINS A MATCHING AUTOSYN MOTOR TO BE USED WITH THE LP-21LM LOOP. OPERATES FROM 26 V 400 CYC. (60 CYC SEE BELOW)
1-81A INDICATOR 3" ILLUSTRATED TO RIGHT ABOVE 0-36 DEGREE SCALE CONTAINS A MATCHING AUTOSYN THAT WAS USED WITH THE LP-21LM LOOP.
OPERATES FROM 26V 400 CYC. (60 CYC. SEE BELOW)
1-82A INDICATOR 5" UNUSED \$3.95
1-81A INDICATOR 3" USED 2.95
PL-118 CONNECTOR PLUG FOR INDICATORS 2.50EA

W.U. INTRAFAX



TRANSMITTER SCANS THE DATA THAT IS FED INTO THE MACHINE WITH A LIGHT SOURCE AND PHOTO ELECTRIC CELL WHICH IS AMPLIFIED AND SENT BY WIRE TO THE RECORDER WHICH THEN REPRODUCES THE DATA ON SENSITIZED PAPER 1 1/2" WIDE. THE TRANSMITTER USES TUBES 1/1X2, 1/6C4, 1/6AQ5, 1/931A (PHOTOELECTRIC), LIGHT SOURCE, SYNCHRONIZING MOTORS, GEARS ETC. THE RECORDER DOES NOT HAVE ANY TUBES BUT HAS THE SCANNING MECHANISM, MOTORS, RELAYS ETC. EQUIPMENT OPERATES FROM 115 VOLT 60 CYCLE BUT DOES NOT HAVE THE POWER SUPPLY REQUIRED THE TUBES, PHOTO-ELECTRIC, LIGHT SOURCE AND SCANNING CIRCUITS. TRANSMITTER SIZE 18x18x7; WT: 40 LBS. #7762A RECORDER SIZE 18x12x7; WT: 33 " #7771A PRICE: BOTH UNITS NEW \$49.50



WESTERN ELECTRIC TD-2 MICROWAVE GENERATOR USED FOR TESTING IN LINE CROSS COUNTRY SYSTEMS APPROX. 3700 TO 4200 MC WITH 2/2C43 TUBES IN THE FIRST STAGES AND WE 416B TUBE IN THE FINA WITH CRYSTAL CONTROL FUND. FREQ. OF APPROX. 18 MC. DEPENDING ON CRYSTAL IN USE. WILL MAKE A EXCELLENT PIECE OF EQUIPMENT FOR LAB. USE AS A SIGNAL SOURCE OR TRANSMITTER OR RECEIVER NO POWER SUPPLY, REQUIRES 250 VDC 100 MA. & 12.6 VDC 3 6 AMPS. COMPLETE WITH 2 1/2" METER. TUBES 2/43, 1/416B, 2/6AU6, 1/VR-105 & 1/396A SIZE: 19x12x10 1/2; WT: 38 LBS. EXCELLENT CONDITION PRICE: USED \$19.95 LESS 2/43 TUBES.



RADAR SET DUMMY LOAD USED AS A DUMMY LOAD ON RADAR SETS ALSO FOR MONITORING OF PULSES. HAS A LARGE COAXIAL FITTING FOR INPUT AND 50-239 COAXIAL CONNECTOR FOR MONITORING. ALSO A LARGE 115 VOLT 60 CYCLE BLOWER. SIZE: 11x13x23 WT: 46 LBS. STK#CAVY-14ACN PRICE: USED \$14.95



TS-305A/UP POWER METER POWER OUTPUT METER FOR USE IN THE FREQUENCY RANGE OF 220-320 MC IN SIX STEPS. KILOWATT METER 3 1/2" 0-50 SCALE. WITH TUBES 1/6H6 1/6SN7 & 1/2B22. ALUMINUM CARRING CASE 12x10x12. OPERATES FROM 115 VOLT 50-1600 CYCLE. WT: 23LBS. PRICE: USED \$9.95 NEW \$12.95

TS-15A/AP FLUX METER PORTABLE TEST SET USED FOR MEASURING FLUX DENSITY OF MAGNETS IN TERMS OF GAUSSSES. CONTAINS 3 1/2" FAN TYPE METER AND A PORTABLE PICKUP THAT TRANSFERS THE ENERGY FROM THE MAGNET TO THE TEST SET. HOUSED IN OAK CARRING CASE WITH INSTRUCTIONS. SIZE: 5x10x6. 6LBS PRICE: USED GOOD CONDITION \$22.95

COLD CYLINDER INDICATOR



COLD CYLINDER INDICATOR ASSY. USED TO CHECK THE TEMPERATURE OF AIRCRAFT ENGINE BY A RELATIVE INDICATION ON A 3 1/2" MICROAMP METER THAT HAS A PAIR OF TEST LEADS ONE OF WHICH IS FOR FASTENING TO THE ENGINE TO BE TESTED AND THE OTHER IS A FOUR SECTION PROBE. THE METER SCALE IS 0-300, MOVEMENT 0-900 MICROAMP AND CONNECTED TO PROBE 0-50 MA. UNIT IS COMPLETE WITH CARRING CASE. SIZE: 9 1/2 x 3 1/2 x 4; WT: 5 1/2 LBS. PRICE: USED \$5.95

TESTER ASSEMBLY T-101001 STABILIZATION TEST SET FOR AUTOMATIC PILOT. CONTAINS A 2 1/2" AC METER WITH CENTER SCALE 50-0-50 & 15-0-15, 5 POSITION METERING SWITCH FOR RANGE & 11 POSITION SWITCH FOR MEASURING VOLTAGE FROM THE EXTERNAL PIN-JACKS ON CONN. PLUG. ALSO HAS 7 TOGGLE SWITCHES, 4 LIGHTS, 2/6AL5 & 1/2C51 TUBES. IN ALUMINUM CARRING CASE. SIZE: 13 1/2 x 11 1/2. WT: 22LBS. PRICE: USED \$6.95



1-95 FIELD STRENGTH METER USED TO CHECK THE SIGNAL OUTPUT & MODULATION OF THE SCR-522 RADIO SET WHICH OPERATES IN THE 100-156 MC. AM BAND. CAN BE USED FOR ANY SET IN THIS BAND. CONSISTS OF A 2" METER, CALIBRATED DIAL, TELESCOPING ANTENNA WITH 1S5 TUBE IN A VACUUM-TUBE VOLTMETER CIRCUIT. REQUIRES BATTERIES DRY CELL 2/22 & AND 1/1 1/2 V. SIZE: 8 1/2 x 7 1/2 x 7 1/2; WT: 14 LBS. USED \$12.95

TS-36/AP X BAND RADAR POWER METER; GENERAL PURPOSE TEST INSTRUMENT USED FOR CHECKING RADAR SETS IN THE X BAND. W/O-200 DC MICROAMP METER, 3 1/2" RD. BATTERY OPERATED. ALSO HAS SQUARE WAVE GUIDE ATTACHMENT SAME AS USED ON TS-35 X BAND SIG BAND SIGNAL GENERATOR. SIZE: 9x7x6 WT; 9 LBS. PRICE: LIKE NEW \$9.95

U.H.F SIGNAL GENERATOR 360 TO 540 MC DIRECT READING ON 5" CALIBRATED DIAL WITH PROVISION FOR INTERNAL OR EXTERNAL MODULATION CONTROL. SEPARATE CONTROLS FOR CARRIER AND MODULATION. OUTPUT VARIABLE CONTROL, 0-200 MICROAMPERE METER FOR READING RF AND MODULATION OUTPUTS. OPERATES FROM 115 VOLT 60 CYCLE. SIZE: 16x9 1/2 x 10 WT: 47LBS. RCA# MI-18710 \$39.50

BC-638 FREQUENCY METER 100 TO 156 MC CRYSTAL CONTROL ON FOUR PRE-SET FREQUENCIES; VARIABLE TUNING WITH MAGIC EYE CONTROL. USED WITH SCR-522 AND OTHER SETS. OPERATES FROM 115 VOLT 60 CYCLE ALSO PROVISIONS FOR BATTERY OPERATION AND HAS SEL CONTROLLED MODULATOR. RACK PANEL MTG. 19" x 7x9. WT: 35 LBS. PRICE: USED \$12.95

1-130 SIGNAL GENERATOR 100 TO 156 MC USED FOR TUNING SCR-522 RADIO SET, PRODUCES TONE MODULATED SIGNALS 100 TO 156 MC. 1000 CYCLE MODULATION, CRYSTAL OR M.O CONTROL, VARIABLE TUNING & OUTPUT CONTROLS VARIABLE 0-5000, OPERATES FROM 6 VDC. HOUSED IN METAL CARRING CASE 19x8x6 1/2, WT: 27 PRICE, USED WITH OUTPUT CABLE AND INPUT PLUG. \$12.95

TS-170/ARN-5 TEST OSCILLATOR 332.6 333.8 335.0 MC BATTERY OPERATED, CRYSTAL CONTROLLED ON THREE PRESELECTED FREQUENCIES, 90 & 150 CYCLE MODULATION; USED TO ALIGN GLIDE PATH RECEIVER & DETERMINE SENSITIVITY 2", 0-1 DC MILLIAMPERE METER FOR MEASURING CIRCUITS. HOUSED IN ALUMINUM CARRING CASE 12 1/2 x 9 1/2 x 8, WT: 12 LBS. PRICE: USED \$12.95

1-199 TEST SET DYNAMOTOR & HAND GENERATOR TESTER USED TO CHECK EQUIPMENT UNDER LOAD CONDITIONS. INPUT VOLTAGE READINGS 0-60 VOLTS DC & 60 AMPS. D.C. OUTPUT VOLTAGES 0-1200 VOLTS D.C. & 600 MA. D.C. ALSO PERCENTAGE OF RIPPLE IN THE INPUT & OUTPUT, ALL SHOWN ON 3" RD. METER ALSO CONTROLS FOR VARIING VOLTAGE & CURRENT UNDER LOAD. SIZE: 18x12x11. WT: 40 LBS. PRICE: USED \$29.50 NEW \$39.50

1-85D COMMAND SET TEST UNIT, 3" METER 0-1 MA FS, 0-100 SCALE, METERING SWITCH 0-30, 500, 750 DCV & 0-250 MADC. \$4.95 SIZE: 4x7x2; WT: 2 1/2 LBS.

1-139 TESTER USED WITH SCR-522 TEST SETS. FOR ALIGNMENT AND SETTING CHANNELS. CONTAINS 0-1 MA DC METER CORD AND PLUG. SIZE: 3 1/2 x 2; WT: 2 LBS. PRICE: USED \$4.95

ALTIMETER TEST SET



TS-10B APN USED FOR CHECKING SENSITIVITY, TUNING, ANTENNA SYSTEMS, CALIBRATION AND LIMIT CALIBRATIONS OF ALTIMETERS. CONTAINS 370 FT & 70 FT 58OHM RG-54A/U COAXIAL CABLE DELAY LINES, 1-101 COAXIAL ATTENUATOR, 10-98 INDICATOR, 2/8 FT 1/20" 1/12" OF RG-8 52 OHM COAXIAL CABLE WITH PL-259 CONNECTOR EA. END AND 4/50-239 CONNECTORS. COMPLETE IN CARRING CASE 19x15x7 WT 36 (SEE PAGE 5 FOR COAXIAL CABLE & CONN. ONLY) PRICE: USED \$15.00 UNUSED \$18.00

1-61 TEST SET FOR TRANSMISSION MEASURING PORTABLE BATTERY OPERATED UNIT USED TO MEASURE LOSSES OR GAINS IN CIRCUITS OR APPARATUS. AUDIO OSCILLATOR FREQUENCIES OF 500, 1000 AND 2500 CYCLES WITH LEVELS OF -40DBM, -20 DBM OR 0 DBM INTO A 600 OHM LOAD, THE RECEIVING AMPLIFIER IS CALIBRATED TO MEASURE LEVELS FROM A 600 OHM SOURCE BETWEEN -50 DBM & 15 DBM IN STEPS OF 0.5 DBM OVER THE FREQUENCY RANGE OF 100 TO 10,000 CYC THE 0 DBM IS ONE MILLIWATT IN 600 OHMS. UNIT ALSO CONTAINS A EE-88 FIELD TELEPHONE, BATTERY OPERATED ASSY. WITH A TS-9 HANDSET. AND BE PURCHASED WITHOUT THIS ASSEMBLY. COMES IN WOOD CARRING CASE 18 1/2 x 10 x 11, WT: 47LB PRICE, COMPLETE WITH TELEPHONE ASSY & TS-9 Used \$29.95 RE-NEW \$39.50 LESS TEL. ASSY " 19.95 " " 29.50

1-142 RADAR TEST SET DESIGNED TO FURNISH A COMPARATIVE INDICATION OF TRANSMITTER OUTPUT AND MEASURE PULSE RECURRENCE RATE. CONSISTS OF DUMMY LOAD WITH 3" METER 0-50 MA WITH 0-100 SCALE. UNUSED SIZE 8x10x11; 14 LBS. \$12.95

BC-611 TEST SET



IE-17 TEST EQUIPMENT USED FOR TESTING & ALIGNMENT OF REC-TRANS, TESTING CRYSTALS AND MEASUREMENT OF VOLTAGE OF BATTERIES BA-37 & BA-38. CONSISTS OF THE FOLLOWING 1-135 TEST UNIT IN CASE WITH HINGED COVER & HANDLE CONTAINS MICROPHONE, EARPHONE, MULTI-RANGE 3" METER FOR CHECKING 0-3 & 0-150 VDC 0-1.5/15/60/600 MA DC & 0-60 VAC WITH MASTER SWITCH, RF & AUDIO OSCILLATOR CRYSTAL TEST & BATTERY COMPARTMENT ALSO CABLE HARNESS. CS-81 TEST CASE WHICH IS THE SAME SIZE AS THE BC-611 AND IS USED TO HOLD THE CHASSIS UNDER TEST, HAS PRESS TO TALK SWITCH AND AND ALIGNMENT OPENINGS. (NO MIC OR EARPHONE OPENINGS.) FT-252 TEST STAND FOR HOLDING CS-81 CASE & A-82 PHANTOM ANTENNA WHICH CONSIST OF A 3" 0-40 MA. RF METER, VARIABLE COND. & REC.-TRANS. SWITCH MOUNTED ON A BAKELITE PANEL. COMPLETE UNIT AS DESCRIBED ABOVE WITH INSTRUCTION MANUAL AND WOOD CHEST SIZE: 19 x 16 x 9 ALL IN NEW CONDITION. SHPG. WT: 44 LBS

BC-221 FREQ. METER



THIS IS A SIMPLE, ACCURATE AND RELIABLE, CRYSTAL-CALIBRATED FREQUENCY INDICATING INSTRUMENT FOR USE IN THE 125 TO 20,000 KC. RANGE WITH A NORMAL OPERATING ACCURACY OF LESS THAN .02%. CAN ALSO BE USED A SIGNAL GENERATOR OR VARIABLE FREQ. OSCILLATOR COMPLETE WITH TUBES, ORIGINAL CRYSTAL & CALIBRATION BOOK. OPERATING VOLTAGE REQUIRED FOR USE WITH DRY CELLS, 6 VDC .9 AMP. & 135 VDC 20 MA. SIZE: 10x13 1/2 x 10, 22 LBS. PRICE: LIKE NEW, CHECKED NO MODULATION \$79.50

STROWGER RELAY

STROWGER STEP BY STEP RELAY ASSEMBLY IS USED IN CENTRAL OFFICE DIAL TELEPHONE EXCHANGE. THIS IS THE HEART OF THE DIAL TELEPHONE SYSTEM AS IT HAS THE TEN STEP BANK SELECTION AND 10 STEP LINE SELECTION TRUNK LINE SENSING MECHANISM WITH NECESSARY HOLD AND RELEASE RELAYS. (THE BANK OF ROTARY STEPPING SWITCHES IS NOT PART OF THIS ASSY) SIZE 14x5x7; WT: 13 LBS. WE#ED55242-31G1
PRICE: USED \$5.95



TELEPHONE BANK

TELEPHONE RELAYS FOR LINE USE. OPERATES FROM 48 VDC, 1000 OHM Z A SINGLE CONTACT, 500 OHM Z BR DOUBLE CONTACT, 20 OF EACH RELAY MOUNTED FOR 26" RACK. SHPG. WT: 35 LBS. REMOVED FROM EQUIPMENT. PRICE 40 MOUNTED RELAYS \$9.50 EACH RELAY 35¢



MULTIPLEX

PHILCO SIGNALING & TERMINATION UNIT CST-2 STANDARD 19" RACK AND IS USED IN MULTIPLEX SYSTEMS FOR TRANSMISSION OF NORMAL DIAL OR RINGDOWN SIGNALING AND TERMINATES THE FOUR-WIRE CIRCUIT OF THE MULTIPLEX INTO THE TWO-WIRE TELEPHONE CIRCUIT. A 3.5 KC OSCILLATOR TONE IS USED FOR SIGNALING WITH THE USE OF HYBRID COILS AND T PAD ADJUSTMENTS PROPER ATTENUATION OF THE VOICE LEVEL IS MAINTAINED. OPERATES FROM 115 VOLT 60 CYC AND IS COMPLETE WITH 2/12AU7 TUBES, FOUR RELAYS AND INSTRUCTION BOOK. COND. UNUSED. SIZE: 4x19x12; SHPG. WT. 50 LBS. \$9.95



ANNUNCIATOR

10-214/FT ANNUNCIATOR LIGHT ASSY CALL SYSTEM NUMBERED 1 TO 100, 1-3/4 INCH NUMBERS, OPERATES FROM 48 VOLTS A.C. OR D.C. NUMBERED TERMINAL BOARD FOR EASY WIRING. WITH ALL OPERATING LAMPS & SPARES SIZE 29x35x4; SHPG. WT: 159 LBS PRICE: UNUSED \$18.95



P.M SAMPSEL MOTOR WITH WORM GEAR REDUCTION TO 265 RPM THAT IS COUPLED TO A FLEXIBLE SHAFT 2 FT. LG. WHICH IN TURN CONNECTS TO A SEPARATE WORM GEAR AND SHAFT ASSY. 3 RPM ALSO HAS 3 SMALL RELAYS AND MICRO SWITCH FOR CONTROL OF MOTOR. OPERATES FROM 24 VDC. ASSY. SIZE: 7x3x2; WT 3
PRICE: NEW \$2.95

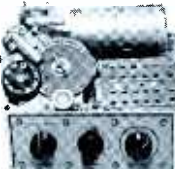


ELECTRIC WINDING TIMER MOTOR 6 VDC WILL MAKE ONE REVOLUTION PER HOUR AND THEN AUTOMATICALLY REWIND. SHAFT SIZE 5/8x3/16 THREADED WITH A DISC AND OFFSET 1/16 SHAFT, HOUSED IN A BOX 3x3x3, WT: 1 LB. STK# Bore. D257764
PRICE: NEW \$1.50



AUTO CONTROL

ELECTRIC AUTOTUNE ASSEMBLY THAT OPERATES FROM 115 VOLT 60 CYCLE, 1/100 HP CAPACITOR TYPE MOTOR WITH AUTOMATIC GEAR & RACHETT ASSEMBLY THAT ENABLES YOU TO PRE-SET MOTOR ANY 10 POSITIONS IN 360 DEG. UNIT IS GEARED TO A TWO DECK 12 POSITION CERAMIC WAFER SWITCH THAT TERMINATES INTO A PLUG-IN SOCKET. TAKE OFF OF POWER CAN BE MADE AT BACK OF MOTOR OR CERAMIC SWITCH CAN BE REMOVED. ADJUSTMENTS FOR STOPS ARE MADE AT THE MOTOR AND THE CONTROL PANEL CAN BE LOCATED AT A REMOTE POSITION WHERE THE MOTOR STOP CAN BE SELECTED, PANEL ALSO HAS LIGHT DIMMER CONTROL AND LOCAL & REMOTE POSITION SWITCH. PART OF RDZ AUTOTUNE, COLLINS#596A RDZ#23491 SIZE: 9x4x6, WT: 7 LBS. PRICE: NEW \$5.95



MD-34/ARA-8 AUTOMATIC HOMING KEYING UNIT THAT OPERATES FROM 24 VDC MOTOR THAT IS CONNECTED TO A WORM GEAR WHICH ACTUATES THE CODED WHEEL THAT INTERRUPTS THE SIGNAL AND TRANSFERS FROM ONE ANTENNA TO ANOTHER. ALSO HAS RELAY AND THREE SO-239 TYPE COAX. CONN. CAN BE USED AS A REMOTE ANTENNA CHANGE-OVER. SIZE: 3x10x4; WT: 5 LBS. PRICE: USED..... \$1.95



ANTENNAS

AB-52/TRC-8 HALF WAVE DIPOLE ANTENNA & REFLECTOR. FREQ. RANGE 230 TO 250 MC. 50 OHM COAX CABLE FEED; DIPOLE 3/4" DIA. x 20" LG. W/14" LG SUPPORT; REFLECTOR 36"x30" EACH SIDE; FOLDS UP TO 30"x23x8"; MOUNTS TO MAST HEAD BY MEANS OF FOR ADJUSTABLE CLAMPS TO PROVIDE EITHER HORIZ. OR VERT. POLARIZATION. WT: 20 LBS. TAKES TWIN COAX CONN. PRICE: \$3.95



ANTENNA RADAR RCA#636500-1; 24" PERFORATED REFLECTOR, 12" STUB WITH 208 V. 400 CYCLE, 3 PHASE 1/4 HP MOTOR, 360 DEG. ROTATION 22.5 VAR. ANGLE. W/ AUTOSYN RESOLVER AY-221-S, 36/11.8 V. 400 CYC. 2 PHSE. PLUS RELAYS ETC. SHPG. WT: 35 LBS.



LINK 1509 COAXIAL TYPE ANTENNA HALF WAVE VERTICAL WITH ADJUSTABLE ELEMENTS 27" TO 41" TELESCOPIC, 1 SECT. DIA. 3/4" OTHER 9/16"; END OF WHIP HAS 3/4" SOLID LUCITE SPHERE THAT IS USED AS A RADIATOR AND SCREWS INTO A LUCITE INSULATOR THAT IS MOUNTED ON TELESCOPING SKIRT THAT IS VARIABLE FROM 27 TO 42" 1 SECT. 1-7/16 DIA. OTHER 1 1/2"; USED AS A RADIATOR. COMPLETE WITH 100 FT COAXIAL CABLE, 50 OHM. PRICE: \$7.95

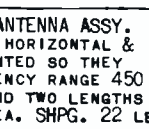
AS-313/ARN-6 ANTENNA LOOP & MOTOR WITH AUTOSYN POSITION TRANSMITTER. SAME AS USED WITH AN/ARN-6 RADIO COMPASS THAT TUNES FROM 200 TO 1750 KC. OPERATES FROM 26 VOLT 400 CYCLE FOR MOTOR & AUTOSYN SIZE: 10x11x5; WT: 14 LB. USED \$9.95



10-90/ARN-6 COMPASS INDICATOR 3", USED \$4.95



AS-158/APA-24 DIPOLE ANTENNA ASSY. CONSISTS OF A PAIR OF HORIZONTAL & VERTICAL DIPOLES MOUNTED SO THEY CAN BE ROTATED. FREQUENCY RANGE 450 TO 750 MC. MAST 34" AND TWO LENGTHS OF TWIN COAX. 4 1/2 FT. EA. SHPG. 22 LB PRICE: \$1.95



AS-222/APA-17B ANTENNA ASSY. 50 TO 250 MC. CONSISTS OF 2 HORIZONTALLY MOUNTED ONE QUARTER TURN LOOP ANTENNA ELEMENTS, TWO COAXIAL CONDUCTORS, TUNING CIRCUIT AND A SELSYN MOTOR MOUNTED IN THE HOUSING WHICH IS CONNECTED TO THE TUNING CONDENSER BY A 40:1 GEAR BOX. THE RELAY CONNECTS VARIOUS INDUCTANCES IN PARALLEL TO PROVIDE FOUR TUNING BANDS. THE ANTENNA IS CONNECTED BY A COAXIAL SLIP RING ASSY. THROUGH THE DRIVE UNIT. THE MOUNTING FLANGE IS 3 1/2, LOOP SIZE 16 1/2 x 13 1/2 x 11. WT: 14 LBS. SELSYN OPERATES FROM 115/400CY RELAY 24 VDC. PRICE: USED \$7.95
CONNECTOR PLUG TO FIT ANTENNA.....\$1.50



AS-26/APR-2 ANTENNA 400 TO 1000 MC. USED WITH R-34/APR-2 RECEIVER. SIZE: 8x6, WT: 2 LBS. PRICE: \$7.95
AT-49/APR-4 ANTENNA 300 TO 3300 MC. USED WITH R-54/APR-4 RECEIVER. SIZE: 7x8, WT: 2 LB PRICE: \$9.95



A-27 PHANTOM ANTENNA USED WITH BC-653 & BC-191 TRANSMITTERS FOR TUNING & LOADING WITHOUT REGULAR ANTENNA BEING CONNECTED. CONTAINS A 0-150 MMF. WIDE SPACED 3/16, VARIABLE CAPACITOR, 2/12 OHM 40 WATT NON-INDUCTIVE RESISTORS, MOUNTED IN A CASE 3x7x4 1/2 THAT HAS A POINTER KNOB AND 0-100 SCALE, ANTENNA & GND LEADS WITH COVER. WT: 2 LBS. PRICE: RE-NEW \$1.50



A-62 PHANTOM ANTENNA USED WITH BC-604 TRANSMITTER FOR LOADING TRANSMITTER WITHOUT USE OF REGULAR ANTENNA. CAN BE USED FOR ANY TRANSMITTER IN THE 21 TO 28 MC. BAND. HAS A VARIABLE CAPACITOR 55 MMF., 2 RESISTORS, COIL SLUG TUNED, BINDING POSTS AND INDICATOR LAMP THAT LIGHTS WHEN TRANSMITTER IS LOADED. SIZE 3x6, WT: 4 LBS



MISCELLANEOUS

ANGULAR RATE CONTROL PART OF AUTOMATIC PILOT B-1. CONSISTS OF 3 SEPARATE PLUG IN GYROS NAMELY ROLL PITCH & YAW, SIZE 4x4x5. ALSO CONTAINS RECTIFIERS, TRANSFORMERS, CONDENSERS, RESISTORS, CONTROLS ETC. STK#1JD405-G5. SIZE: 10x11x7 1/2 WT: 25 LBS. PRICE: USED \$12.95



THERMO-GRIP ELECTRIC SOLDERING IRON MFG BY IDEAL INDUSTRIES, MODEL 5C. OPERATES FROM 115 VOL 60 CYCLE 10 AMPS. OUTPUT OF TR TRANSFORMER IS 3-4 VOLTS AC, 2-300 AMPS. PLIER ATTACHMENT IS

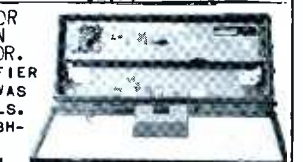


INTENDED TO BE USED FOR SOLDERING LUGS UP TO 150 AMPS OR COPPER PIPE UP TO 3/8". PLIER IS 12" LONG AND CABLES 52". WITH SUITABLE ATTACHMENTS TRANSFORMER CAN BE ALSO USED FOR HEAVY SPOT SOLDERING AND ETCHING. WT: 30 LBS. PRICE WITH CARRING CASE \$19.95
" LESS " " 16.95



THERMO-GRIP MIDGET SIZE SOLDERING PLIERS IDEAL NO. 12-023. THESE PLIERS ARE ONLY 9" LONG AND HAVE A 54" CABLE WITH CONNECTORS AND IS INTENDED TO BE USED WITH A 300 WATT TRANSFORMER FOR LIGHTER WEIGHT WORK. WT: 2 LBS. PRICE: CABLE & PLIERS ONLY \$2.95

BC-1141 MINE DETECTOR AMPLIFIER AS USED IN SCR-625 MINE DETECTOR. HAS SENSITIVE AMPLIFIER & TONE SYSTEM THAT WAS USED TO DETECT METALS. OPERATES FROM 2 FLASH-LIGHT & 93 VOLT DRY CELLS. COMPLETE WITH TUBES 2/1N5GT & 1/1G6GT, LESS BATTERIES. SIZE: 14x6x5 WT: 10 LBS. PRICE: USED \$3.95



SELECTOR CONTROL ASSEMBLY AS USED IN R-278 RECEIVER AND T-217 TRANSMITTER. UNIT CONTAINS 33 NUMBERED THUMB-IT WHEEL WAFER SWITCHES WHICH CAN BE MOUNTED SINGLY OR IN BANKS, 23 11 CONTACT, 10 19 CONTACT, ALSO 4 A.C. RELAYS ON A 10 CHANNEL GEAR TRAIN WITH 115 VOLT 60 CYCLE MOTOR, CHANNEL SELECTOR SWITCH RESISTORS CONDENSERS ETC. SIZE: 16x9x9; WT: 8 LBS. PRICE: USED WITH GOOD MOTOR \$12.95
" LESS " " 8.95



HEATER HEATING & VENTILATING UNIT 5000 BTU GASOLINE HEATING, ELECTRIC GLOW PLUG STARTING, SELF CONTAINED GAS TANK, 115 VOLT AC OR DC BLOWER, APPROX. 150 CFM, VARIABLE SPEED CONTROL FOR BLOWER OUTPUT. UNITS ARE UNUSED BUT SHELFWORN. SIZE: 13x13x11 WT: 29 LBS. STK#31233 PRC PRICE: \$16.95



STRATO-CELL BALLOON 17 FOOT DIAMETER INFLATED, CONSTRUCTED OF PLASTIC BACK ALUMINUM FOIL APPROX. .005 THICK, SECTIONALIZED CONSTRUCTION WITH 17 SEC HEAT SEALED WITH NYLON AND TAPE REINFORCED AT TOP & BOTTOM, EACH SECTION 3' WIDE AT MID-SECTION TAPERING OFF AT TOP & BOTTOM, APPROX. 8" OPENING AT BOTTOM WITH D RINGS TIED TOGETHER WITH NYLON ROPE. SHPG WT: 30 LBS. PRICE: UNUSED \$6.95





ART-13 TRANSMITTER

100 WATT AIRCRAFT AUTOTUNE TRANSMITTER
 MAKES A VERY SATISFACTORY AMATEUR UNIT FOR 80, 40, 20 AND 10 METERS. THE AUTOTUNE FEATURE PERMITS YOU TO PRESET THE FREQUENCY DESIRED ON ANY 10 PRESELECTED CHANNELS. (FOR CONVERSION INSTRUCTIONS SEE MANUALS #2 & #3 \$3.00 EA.)
 TUBE LINEUP 1/837, 1/813, 2/1625, 1/12S7, 2/6V6, 2/811, 2/12SL7, 1/12SA7. VOLTAGE REQUIRED 28VDC 10AMP, 400VDC, 225MA & 1250VDC 250MA.
 SIZE: 23x16x11 1/2 WT. 70LBS
 PRICE: USED \$79.95

CONNECTOR PLUGS FOR TRANS. U/7 & U/8 \$2.50 EA.
 DYNAMOTOR FOR ART-13 WITH FILTERS & RELAYS 28VDC INPUT. PRICE: USED \$12.95
 NEW 15.95

CONNECTOR PLUGS FOR DYNAMOTOR U-9 OR U-10 EACH \$2.50
 CU-24/ART-13 ANTENNA SHUNT CAPACITOR CONSISTS OF 3 CAPACITORS 25MMF 10KV
 PRICE NEW \$3.95 USED \$1.00

O-17/ART-13 LOW FREQUENCY OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 TUBE. ALL OPERATING VOLTAGES ARE OBTAINED FROM THE TRANS. POWER SUPPLY. SIZE 5 1/2 x 5 1/2 x 9 WT. 4LBS.
 USED \$7.95

SA-22/ART-13 ANTENNA SWITCHING UNIT CONTAINS A BENDIX VACUUM RELAY LM-26G, 24VDC, 2 POSITION CERAMIC SWITCH & 4 LARGE INSULATORS SAME AS USED ON TRANSMITTER, ALSO SO-239 COAX. CONNECTOR.
 SIZE: 11x7x7 WT 10LBS
 PRICE: NEW \$7.95

PANEL METER ASSEMBLY AS USED ON THE ART-13 TRANS. HAS 2" 0-5 ANTENNA CURRENT METER; 2" 0-200 AND OTHER SCALE READING AS USED, BASIC MOVEMENT 1 MA. FULL SCALE. ALSO FIVE KNOBS WITH ROTARY SWITCHES, SPST SW, PHONE PLUG AND PILOT LIGHT.
 SIZE: 10x5x2 1/2 WT: 3 LBS.
 PRICE: USED \$4.95

ART-13 AUDIO SPEECH AMPLIFIER CONTAINS TWO 6V6GT & ONE 12SJ7 TUBE, CAN BE USED FOR CARBON OR DYNAMIC MIC.
 SIZE: 7x4x3 1/2 WT: 4LBS, USED STK #2C254 PRICE \$5.95

ART-13 CFI CALIBRATION FREQUENCY INDICATOR & MCW OSCILLATOR ASSY. USED TO PROVIDE A CONSTANT CRYSTAL CONTROLLED STANDARD OF 200 KC. IN ORDER THAT FREQ. CAN BE CHECKED ALSO 1000 CYCLE TONE.
 WITH 200KC. CRYSTAL & 2 TUBES SIZE 6x5x3 WT. 3LBS STK. #8Q1
 PRICE USED \$6.95



FAMOUS BC-645 TRANSCEIVER
 ARMY & NAVY TRANSPONDER RECEIVER-TRANSMITTER USED FOR IDENTIFICATION, FRIEND OR FOE, IN AIRCRAFT FOR USE IN THE 460 TO 490 MC BAND. COMPLETE WITH 15 TUBES; 4/7F7, 4/7H7, 2/7E6, 2/6F6, 2/955 & 1/WC-316. LIGHTWEIGHT COMPACT SET SIZE: 6 1/2 x 11 x 14; 18 1/2 LBS.

THOUSANDS OF THESE SETS HAVE BEEN CONVERTED FOR USE IN THE HAM BAND OF 420 TO 450 MOBILE & FIXED 450 TO 460; CITIZEN BAND OF 460-470 & TELEVISION EXPERIMENTAL 470 TO 500.
 BC-645/ABA-1 RECEIVER-TRANSMITTER NEW \$19.95
 MOUNTING FOR " " " " 1.50
 PE-101C DYNAMOTOR; INPUT 13 OR 26 VDC, 12.6/6.3 AMPS. OUTPUT: 400 VDC 135 MA. 800 VDC 20 MA. & 9 VOLTS 80 CYCLE, 1, 12 A. SIZE: 14x7x5, WT: 12 LBS. NEW \$7.95
 MOUNTING FOR DYNAMOTOR 1.00
 BC-646 CONTROL BOX 2.95
 MOUNTING FOR CONTROL BOX 1.00
 UHF ANTENNA ASSEMBLIES 2 PER SET 2.95
 PLUGS COMPLETE SET OF 11 CONNECTORS 5.95
 COMPLETE SET PRICE \$29.95



AIRPORT MARKER BEACON 75MC TRANSMITTER RECEIVER

CDE-52326 NAVY MODEL MARKER BEACON TRANSMITTER PORTABLE UNIT THAT OPERATES FROM 115 VOLTS 60CYC WHICH TRANSMITS A KEYED OR A CONTINUOUSLY MODULATED SIGNAL VERTICALLY IN A BALLON-SHAPED PATTERN ON 75MC. USED AT AIRPORT LANDING FIELDS RUNWAYS IN CONJUNCTION WITH MARKER BEACON RECEIVERS THAT ARE INSTALLED IN THE PLANE THUS ENABLING THE PILOT TO KNOW WHEN HE IS OVER THE RUNWAY. (IN CONJUNCTION WITH HIS OTHER INSTRUMENTS.) WATTAGE OUTPUT (1) ONE WATT, MASTER OSCILLATOR & MODULATED CW, 400CPS, 1300CPS, 3000CPS
 TUBE LINEUP 4/6V6, 2/6SN7, 1/6SR7, 1/65, 2/VR150, 30 & 1/5Y3. COMPLETE WITH TUBES & DIPOLE ANTENNA & OPERATING MANUAL. SIZE: 17 1/2 x 10 x 11 WT 35LBS
 PRICE UNUSU \$29.95

BC-1033 MARKER BEACON RECEIVER 75MC. USED TO RECEIVE SIGNALS FROM ABOVE TRANSMITTER. WHEN SIGNAL IS RECEIVED IT OPERATES A RELAY IN THE RECEIVER WHICH IN TURN CAN BE USED TO OPERATE SIGNALS, LIGHTS, MOTORS, TURN ON EQUIPMENT ETC.
 VOLTAGE REQUIRED 24VDC. COMPLETE WITH TUBES 1/12SN7, 1/6SH7, 1/6SL7
 SIZE: 3x5 1/2 x 5 1/2 WT. 3LBS. PRICE: USED \$2.95

R-122/ARN-12 BEACON RECEIVER

ILLUSTRATED COVER AIRBORNE EQUIPMENT DESIGNED TO RECEIVE RADIO SIGNALS TO DELIVER AURAL & VISUAL INDICATION OF THE RECEIVED SIGNAL TO THE PILOT OF THE AIRCRAFT IN WHICH IT IS INSTALLED.
 FORM THESE INDICATIONS THE PILOT CAN ACCURATELY CHECK IN RESPECT TO A PARTICULAR RADIO RANGE STATION. THE RECEIVED SIGNAL IS FIXED FREQ. 75 MC. A-M MODULATED AT 400, 1300 OR 3000 CPS. AND OPERATES FROM 24 VOLTS DC FOR FILAMENTS AND B VOLTAGE. COMPLETE WITH TUBES 5/6AJ5, 2/6AL5W & 2/28D7. HAS CRYSTAL CONTROLLED OSCILLATOR WITH 6.9 MC., IF FREQ SIZE: 10x5x6; WT: 8 LBS.
 PRICE: USED \$4.95

T-4 FRC 400 WATT TRANSMITTER
 AIRPORT TRAFFIC CONTROL TRANS. 400WATT CW & PHONE FREQUENCY COVERAGE 2 TO 18 MC. BY USE OF PLUG IN COILS AND CRYSTALS, ALSO MASTER OSCILLATOR. UNIT IS HOUSED IN A CABINET 12x24x61" AND SLIDES OUT FOR EASY SERVICING. THE 220VAC POWER SUPPLY WITH THE UNIT SUPPLIES THE NECESSARY VOLTAGES FOR ALL THE TUBES EXCEPT THE TWO 8101'S WHICH REQUIRE 1600VDC @ 900MA & FILAMENTS. ALSO THE MODULATOR IS NOT INCLUDED IN SET. COMPLETE WITH TUBES 2/810, 4/807, 36V6GT, 2/866, 2/5Y3GT. LESS AC POWER SUPPLY & MODULATOR AS DESCRIBED ABOVE WHICH ARE NOT AVAILABLE. ALL CONTROLS ARE ON FRONT PANEL WITH LOCKING NUTS. HINGED DOOR COVERS PANEL. SIZE 12x24x61. WT 330 LBS.
 PRICE: USED LESS COILS \$59.50
 " WITH " 89.50

TDQ TRANSMITTER 115-156MC
 NAVY TYPE TRANSMITTER AM 45 WATT PHONE, 85 WATT MCW WITH 1000 CYCLE TONE. FREQ. COVERAGE 115 - 156 MC. OPERATES FROM 115/230 VOLTS 60/50 CYCLE.
 TUBE LINE-UP 3/829B, 1/807 RF SECTION, MODULATOR SECTION 2/6SK7, 2/6J5, 2/807, 1/6SN7, 16X5, 1/5R4GY. POWER SUPPLY SECTION 3/5R4GY. USED COMPLETE WITH TUBES, HALF-WAVE DIPOLE ANTENNA, INSTRUCTION BOOK. ALL CONTROLS ARE ON THE FRONT PANEL INCLUDING THE CRYSTAL HEATER OVEN DOOR. EACH SECTION SLIDES OUT FOR EASY SERVICING. CABINET SIZE 32 1/2 x 25 1/2 x 18 1/2. WT: 283 LBS.
 PRICE: USED \$110

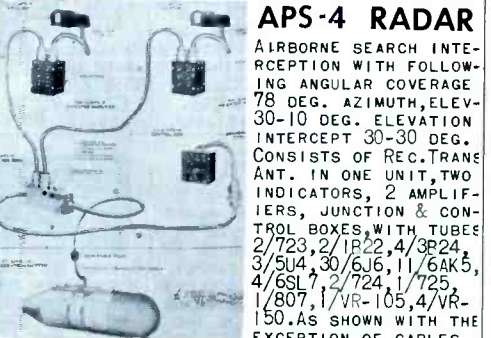


GP-7 TRANSMITTER

GP-7 NAVY AIRCRAFT TRANSMITTING, FREQUENCY COVERAGE 350 KC. TO 9050 KC. BY THE USE OF SIX PLUG IN TUNING UNITS, AM, CW & MCW OPERATION, 30-50 WATTS VOICE & 85 TO 125 WATTS CW DEPENDING ON THE FREQUENCY AND TYPE INSTALLATION. COMPLETE WITH TUBES 2/1616, 1/803, 1/801, 1/843 & 1/5Z3, ANTENNA LOAD COIL, PILOTS & OPERATORS CONTROL BOX, COVER & MANUAL. SET OPERATES FROM 115 VOLTS 800 CYCLE AND 12 OR 24 VOLTS D.C. AS IT HAS ITS OWN SELF CONTAINED A.C. POWER SUPPLY. THE 2 1/2" METERS ARE USED FOR MEASURING PLATE, FILAMENT & OUTPUT. THE SET IS CONSTRUCTED OF ALUMINUM AND FIVE TUNING UNITS HAVE CARRING CASES WITH SNAPSLIDE COVERS AND CARRING HANDLES.
 TRANSMITTER SIZE: 23x11x13; WT: 50 LBS.
 TOTAL WEIGHT OF ALL THE EQUIPMENT, PACKED 200

PRICE FOR COMPLETE SET AS DESCRIBED... \$34.95
 GP-7 COMPONENTS INDIVIDUALLY PRICED

CAY 52173 Transmitter - Power Supply	\$16.95
PLUG-IN TUNING UNITS	
CAY 47150A R.F UNIT 350-800 Kc BAND	3.95
" 47151B " " 800-1500 " "	3.95
" 47155C " " 1500-3000 " "	4.95
" 47152D " " 3000-4525 " "	4.95
FOLLOWING TUNING UNITS HAVE ROTARY INDUCTORS	
" 47153E " " 4525-6500 " "	7.95
" 47154F " " 6200-9050 " "	7.95
EMPTY CASES FOR THE ABOVE TUNING UNITS WITH SNAP COVER AND HANDLE	
" 47125 ANTENNA LOAD COIL	1.75
" 23219 PILOTS CONTROL BOX	1.95
" 23220 OPERATORS " "	2.95
INSTRUCTION BOOK	7.50



APS-4 RADAR
 AIRBORNE SEARCH INTERCEPTION WITH FOLLOWING ANGULAR COVERAGE 78 DEG. AZIMUTH, ELEVATION 30-10 DEG. ELEVATION INTERCEPT 30-30 DEG. CONSISTS OF REC. TRANS ANT. IN ONE UNIT, TWO INDICATORS, 2 AMPLIFIERS, JUNCTION & CONTROL BOXES, WITH TUBES 2/723, 2/1R22, 4/3R24, 3/5U4, 30/6J6, 11/6AK5, 4/6SL7, 2/724, 1/725, 1/807, 1/VR-105, 4/VR-150. AS SHOWN WITH THE EXCEPTION OF CABLES CIRCLED 1, 2, 3, 4 WHICH ARE USUALLY INSTALLED IN THE AIRCRAFT. OPERATES FROM 115 VOLT 800 CYCLE & 24 VDC. SHPG, WT: 350 LBS.
 PRICE: USED \$79.50
 SET OF FIVE PLUGS LESS DETACH \$10.00
 INVERTER 800-1D FOR ABOVE, INPUT 24 VDC, OUTPUT 115 V. 800 CYC. USED \$9.95

RC-58 FACSIMILE
 USED TO TRANSMIT AND RECEIVE MESSAGES ON 3/8" PAPER TAPE BY WIRELESS OR OVER WIRE. THE UNITS ARE USED WITH A STANDARD A.M. TRANSMITTER AND RECEIVER. THE SAME TYPE EQUIPMENT MUST BE USED ON BOTH ENDS OF THE SERVICE. MESSAGES ARE WRITTEN ON THE PAPER TAPE AND FED INTO THE MACHINE WHICH IS THEN TRANSMITTED TO THE RECEIVER ON THE OTHER END FED INTO THE MACHINE WHICH RECORDS ON THE PAPER TAPE. EQUIPMENT CONSISTS OF AMPLIFIER AND RECORDER. OPERATES FROM 12 VDC. SIZE: 11x10x11 & 14x10x9; WT: 75 LBS. USED PRICE: USED \$69.50 WITH 30 ROLLS TAPE.

APPLIQUE UNIT 101 - A TWO-WIRE APPLIQUE IS USED TO ADAPT A FOUR-WIRE VOICE-FREQUENCY REPEATER FOR OPERATION ON A TWO-WIRE TELEPHONE LINE.
 IT PROVIDES THE NECESSARY BALANCING FACILITIES NETWORK AND REPEATER COILS IN A HYBRID ARRANGEMENT. THIS UNIT PREVENTS THE AMPLIFIED SIGNAL FROM ONE DIRECTION GOING THROUGH THE AMPLIFIER ON THE OTHER END AND FEEDING BACK. UNIT CONTAINS A BANK OF CONDENSERS THAT ARE SELECTED BY 40 SLIDE SWITCHES WHICH WILL ENABLE YOU TO SELECT ANY CAPACITY FROM .005 TO 1.28 MFD. A BANK OF RESISTORS ON TAP SWITCHES ARE ALSO AVAILABLE WITH CONTROLS, BINDING POSTS, COILS FOR REPEATING ETC. ALSO MANUAL. RACK MOUNTING 19x7x6 1/2; WT: 30 LBS. NEW \$7.95



Sorensen NOBATRON LOW-VOLTAGE SUPPLIES

INPUT: 105 - 125 VAC 50-60 CYCLE SINGLE PHASE
OUTPUT: 25 - 30.8 VDC @ 0 TO 30 AMPS.
REGULATION: 0.2% RIPPLE: 1%; COMPLETE IN
STANDARD RACK WITH VOLTMETER & AMMETER AS
ILLUSTRATED. SIZE: 22x14x15 & 22x21x15.
TOTAL WT: 200 LBS. SORENSON# E-28-30
PRICE: USED EXCELLENT CONDITION \$150.00



DC POWER PACK 12 VOLTS 5 AMP.
INPUT 115 VOLTS 60 CYCLE
LESS 0.3% RIPPLE AT 3.75 AMP.
NEWLY MANUFACTURED, RUGGED
CONSTRUCTION, PORTABLE UNIT,
IDEAL FOR TRANSISTOR DC USE,
TESTING & OPERATING SURPLUS EQUIPMENT, MOTORS
DYNAMOTORS ETC AS LONG THE CURRENT DRAIN
OF THE UNIT BEING TESTED DOES NOT EXCEED THE
5 AMP RATING OF THIS POWER PACK.
STK# 30512DC, SIZE: 5x4x10 1/2; WT: 10 LBS.
PRICE: \$24.95

RA-34 POWER SUPPLY

USED WITH BC-191 TRANSMITTER
SUPPLIES ALL THE NECESSARY
VOLTAGES FOR OPERATION.
INPUT: 115/230 VOLTS 50/60 CYCLE
OUTPUT: 1000 VDC 350 MA. WITH CIRCUIT
12 VAC 14.5 AMPS. BREAKERS & METER
12 VDC 2.4 " CABLE WITH PLUGS
SIZE: 18x16x14; WT: 150 LBS.
PRICE: USED, CHECKED \$59.50

VOLTAGE REGULATED POWER
SUPPLY AS USED IN THE TS-
67 TEST SET. OPERATES FROM
115 VOLT 60 CYCLE & SUPPL-
IES TWO SEPARATE VOLTAGES
OF 150 DC @ 20 MA., -30 DC
@ 4MA AND 6.3 VAC @ 5 A.
TRANSFORMER OUTPUT VOLTAGE IS 350-0-350 AC
100 MA. AND CAN BE WIRE FOR MORE OUTPUT.
WITH TUBES, 1/5Y3, 1/6X5, 2/VR-150 & 2/6G6.
SIZE: 12 x 7 x 7 WT: 26 LBS. USED \$9.95
CONNECTOR PLUGS TO FIT UNIT, 2 REQ. \$1.00 EA.

A C POWER PACK

PORTABLE VIBRATOR TYPE POWER
PACK DESIGNED TO OPERATE FROM
DIRECT CONNECTION TO 6 OR 12
VOLT D.C BATTERY AND SUPPLY 110 VOLT 60 CYCLE
15 OR 50 WATTS WITH EXCELLENT REGULATION FOR
OPERATING AC DEVICES SUCH AS RADIOS, RECORDERS,
APPL. MOTORS ETC. WHERE THE AC WATTAGE REQUIRE-
MENT OF THE DEVICE DOES NOT EXCEED THE WATT-
AGE OUTPUT OF THE POWER PACK. HAS FUSED LINE
AC RECEPTACLE AND 6 FT. BATTERY CABLE WITH
CLIPS. SIZE: 10x9x8 1/2; WT: 29 LBS.
STK# PP-68B PRICE: USED \$14.95 RE-NEW \$19.95

POWER CONVERTER

TRANSISTORIZED POWER CONVERTER
12 VOLTS D.C. TO 117 VOLTS A.C.
POWERFUL 125 WATTS CONTINUOUS
DUTY WITH POWER TO SPARE FOR
EXTRA YEARS OF SERVICE. PLUGS
INTO CIGAR LIGHTER OF AUTO OUT-
LET AND WILL OPERATE LIGHTS, SHAVERS, RADIOS
PHONOS OR MOST ANY EQUIPMENT DRAWING 10 TO
125 WATTS. SIZE 5x5x4; WT: 4 1/2 LBS.
PRICE: \$29.95 (NEWLY MANUFACTURED)

RA-94 POWER SUPPLY USED WITH
BC-779 SUPER-PRO OR BC-794 REC.
115/230 VOLT 60 CYCLE INPUT,
19" RACK PANLE MTG. 10 1/2" H X 11" D. P.S OUTPUT
270 VDC & 140 VDC 150 MA. ALSO 6.3 FOR FILAM-
ENTS. W/ 5Z3 & 80 TUBE. SHPG. 100 LBS.
USED \$19.95 USED CHECKED \$22.95

PP-111/APS-10 POWER SUPPLY AS
USED IN THE APS-10 RADAR SET. OPERATES
FROM 115 VOLT 400 CYCLE & 24 VDC
FOR FILAMENTS, SUPPLIES 4000 VDC
105 VDC & 300 VDC. WITH TUBES 6X5
VR-105, 5R4, 6Y6, 6SH7 & 2X2. SHOCK-
MOUNTED CHASSIS, SIZE: 9x11x13 WT: 21
PRICE: USED \$4.95 NEW \$6.95

PP-580/APA-17 POWER SUPPLY; INPUT
115 VOLT 400 CYCLE SINGLE PHASE, OUT-
PUT 500 VDC 85 MA, 27.5 MA, ALSO 400
CYCLE VOLTAGES OF 26, 80, 115 & 200.
WITH TUBE 5R4. SIZE: 5 1/2x8x20 1/2,
PRICE: USED \$2.95 UNUSED \$4.95

DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COM-
PLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR,
SWITCH, LINE CORD, PILOT LIGHT, LINE FUSE ETC.
INDICATED RATINGS ARE FOR LOAD CONDITIONS.

DUAL OUTPUT 12/14 OR 24/28 VDC
@ 6 AMPS. SIZE 7x6 1/2x13; WT: 17
STK#PS-12/24VDC6A
KIT OF PARTS... \$20.00
WIRED COMPLETE.... 24.95



OUTPUT 12/14 VOLTS DC @ 6 AMPS.
SIZE: 5 1/2x9 1/2x5; WT: 20 LBS.
STK#PS-12VDC6A
KIT OF PARTS... \$14.00
WIRED COMPLETE.... 18.95



OUTPUT 24/28 VOLTS DC @ 4 AMPS
SIZE: 5 1/2x9 1/2x5; WT: 12 LBS.
STK#PS-24VDC4A
COMPLETE WIRED... \$17.95
KIT OF PARTS.... 13.00

OUTPUT 12/14 VOLTS DC @ 4 AMPS
SIZE: 5 1/2x9 1/2x5; WT:
STK#PS-12VDC4A
COMPLETE WIRED... \$14.95
KIT OF PARTS.... 10.00

OUTPUT 24/28 VOLTS DC @ 1 1/2 A.
SIZE: 7x6x5; WT: 6 LBS.
#PS-24VDC1.5A WIRED... \$10.95
KIT OF PARTS \$8.00



OUTPUT 12/14 VOLTS DC @ 2 AMP
SIZE: 7x6x5; WT: 7 LBS.
#PS-12VDC2A WIRED... \$9.95
KIT OF PARTS.... 7.00

POWER SUPPLIES

BC-923 RECEIVER POWER SUPPLY
OPERATES FROM 115 VOLT 60 CYCLE;
SUPPLIES OUTPUT OF 275 VOLTS DC,
150 MA. & 12.6 VOLTS AC, 4 AMPS.
COMPLETE WITH TRANSFORMER, CHOKE,
CAPACITORS, SWITCH, PILOT LIGHT,
LINE FUSE, 504G TUBE, CHASSIS,
WIRING DIAGRAM, LINE CORD ETC.
SIZE: 5 1/2x6 1/2x9 1/2; WT: 15 LBS.
PRICES: KIT OF PARTS... \$16.00
#PS-923 WIRED... 20.95

R-77/ARC-3 RECEIVER POWER SUPPLY
OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUT-
PUT OF 210 VOLTS DC @ 125 MA. & 24 VOLTS AC @
2 AMPS. COMPLETE WITH TRANSFORMER, CHOKE,
CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5Y3G1
TUBE, CHASSIS, LINE CORD ETC. #PS-R77/ARC-3
SIZE: 5 1/2x6 1/2x9 1/2; WT: 14 LBS. (LAYOUT SAME AS 923
PRICES; KIT OF PARTS... \$15.00 WIRED \$19.95

RECEIVER POWER SUPPLIES

TYPE RECEIVERS	KIT	WIRED
BC-603 OR BC-683	SEE PAGE 8	\$10.00 \$14.95
ARC-5/COMM. REC.	" " 8	15.00 18.95
BC-1206 RECEIVER	" " 4	16.00 19.95
ARB RECEIVER (NOT ILLUSTRATED)	" " "	10.00
BC-652	" " "	15.00 19.95
BC-348	" " "	13.00 17.95
CABINETS WITH 8" PM SPEAKER & SPACE FOR POWER SUPPLY	10.00	12.95

MINI VIBRATOR SUPPLY

PP-855/PRC-14 POWER SUPPLY
AIRPAX #A-1063
VIBRATOR TYPE
WITH FILTER NET-
WORK, OPERATES
FROM 6 VDC 5.33 AMPS. OUT-
PUT 135 VDC 155 MA. VIBRATOR MOUNTS OUTSIDE
OF UNIT. SIZE: 7 1/2x2 1/2x2 1/2; WT: 3 LBS.
PRICE: NEW \$5.95

LAB. POWER SUPPLIES

LABORATORY VOLTAGE REGU-
LATED POWER SUPPLY, 115
VOLT 60 CYCLE INPUT, OUT-
PUT 175 VOLTS D.C 125 MA
WITH OUTPUT HIGH VOLTAGE
ADJUST CONTROL, FUSED
LINE, INDICATOR LIGHT, ON
OFF SWITCH & BLOWER. WITH
TUBES 1/VR-90, 1/VR-75, 1/
6SJ7, 1/6AS7G & 1/504G.
CHASSIS & FRONT PANEL ONL
#MTL41191
15 LBS.
PRICE: USED \$16.50

NEW COAXIAL CABLE

NEW MANUFACTURE AND BRANDED WITH STANDARD
TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-
BETWEEN LENGTHS USE THE HIGHER PRICE.
LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

		100 FEET	500 FEET	1000 FEET	5000 FEET
RG-8/U	52 OHM	.10	.09	.08 1/2	.08
RG-11/U	75 "	.09 1/2	.08	.07 1/2	.07
RG-58/U	53 1/2 "	.04 1/2	.04	.03 1/2	.03
RG-59/U	73 "	.04 1/2	.04 1/2	.04	.03 1/2

PRICES ARE PER FOOT

NEW COAXIAL CONNECTORS

S0-239	PL-259	M-359	PL-253	JUNCTION
\$.45 EA.	\$.45 EA.	\$.25	\$.89	
10 OR MORE \$.39 EA.	10 OR MORE \$.39 EA.	10 OR MORE \$.20	10 OR MORE \$.80	

TYPES MAYBE ASSORTED TO OBTAIN THE LOW PRICE

Coaxial Cable FOR LESS THAN 3c Per Foot!

RG-54 A/U CABLE-
DESIGNED FOR LONG LIFE & CONSTANT ATTENUATION
58 OHMS, .250 OD. WITH POLYETHYLENE JACKET.

370 FOOT ROLL \$10.95 70 FOOT ROLL \$ 1.95
LESS THAN SPECIFIED LENGTHS .03 PER FOOT

COAX CABLE ASSY

TYPE	OHMS	LENGTH	CONNECTOR	STOCK#	PRICE
RG-8/U	52	15 1/2 FT.	2/PL-259	CG-107	\$1.25
RG-8/U	52	30 FT.	2/UG-21	CG-55	2.25
RG-11/U	75	32 INCH	2/UG-21	CD-1259	1.35
RG-11/U	75	21 FT.	1/PL-259	CD-876	1.25
RG-21/U	53	10 FT.	UG-21/22	CD-780S	.75
RG-22/U	95	40 FT.	1/PL-284	CD-879	1.50
RG-22/U	95	46 1/2 FT.	1/PL-284	CD-878	1.75
RG-22/U	95	50 FT.	1/PL-284	CD-877	1.95
RG-26/U	48	30 FT.	2/UG-34	3E4392-	4.95
RG-58C/U	53 1/2	7 FT.	2/UG-88B	CD-409D	.50
"	"	20 "	"	"	1.00
"	"	110 "	"	"	2.95

ATTENUATOR

IMPEDANCE MATCHING ASSEMBLY WITH 52 OHM CABLE
20" LONG, PL-259 CONNECTORS
EACH END AND ATTENUATOR WITH
3" SLIDING ADJUSTMENT AND FEED
THRU CONNECTORS EACH END.
ATTENUATION 30 DB TO 100 DB
30 TO 450 MC. Stock# 2Z396-7
PRICE: USED \$1.25 UNUSED \$1.95



DRONE RECEIVER

FREQUENCY RANGE OF 57 TO 76 MC.
WITH CHOICE OF FIVE DIFFERENT
TONE CIRCUITS THAT OPERATE FIVE
SERVO CIRCUITS WHICH ARE CONTROL-
LED BY SEALED MICRO- RELAYS IN
INDIVIDUAL LC CIRCUITS. TONE
FREQ. 300, 650, 955, 1390 & 1250.
COMPLETE WITH TUBES 1/12AU7, 2/6AK6, 1/0A2, 28VDC
VIBRATOR SUPPLY. PHOTO SHOWS SEALED COVER REMO-
VED. SIZE: 5 1/2x8. WT: 6 LBS.
PRICE: UNUSED \$9.95
CONNECTOR PLUGS TO FIT UNIT, 4 REQ. EA. \$1.50

MODULATOR

MD-16/TPS-3 MODULATOR FOR
TPS-3 RADAR SET. P3E EMIS-
SION, RESONANT CHARGING
SYSTEM & TYPE E LINE WHICH
IS DISCHARGED THROUGH
SPARK GAP AND PULSE TRANSF-
ORMER. 8 KV OUTPUT, 500
OHM IMPEDANCE, PULSES 200
PER SECOND, 1.2 SECOND DUR
ATION, WITH TUBES 2/705 & 1/1B32/532. OPERATE
115 VOLTS 400 CYC AND WAS USED WITH APPROX.
600 MC RADAR SET. SIZE: 12x14x11
SHPG. WT: 125 LBS. PRICE: NEW... \$9.95

BOOKS



SAVE TIME AND MONEY SURPLUS CONVERSION MANUALS ARE A MUST FOR BEGINNERS AND ARE A BIG HELP TO THE OLD HAM.

SURPLUS RADIO CONVERSION MANUAL VOL. NO. 1 \$3.00
SURPLUS RADIO CONVERSION MANUAL VOL. NO. 2 \$3.00
SURPLUS RADIO CONVERSION MANUAL VOL. NO. 3 \$3.00

CQ COMMAND SETS CONVERSION MANUAL (274N & ARC) \$1.50
CQ SURPLUS SCHEMATICS HANDBOOK \$2.50
CQ ANTHOLOGY CONVERSION THE BEST OF CQ45-52 \$2.00

THE SURPLUS HANDBOOK \$3.00
VOL. I RECEIVERS-TRANSMITTER

FOR LIST OF CONTENTS FOR THE ABOVE BOOKS SEND \$25

ARRL BOOKS

RADIO AMATEUR HANDBOOK \$3.50
MOBILE MANUAL 2.50
SINGLE SIDEBAND 1.50
HINTS & KINKS 1.00
A RADIO COURSE IN RADIO FUNDAMENTALS 1.00
HOW TO BECOME A RADIO AMATEUR .50
OPERATING AN AMATEUR RADIO STATION .25

CQ MOBILE HANDBOOK \$2.95

RADIOTELEPHONE LICENSE MANUAL (STUDY GUIDE) \$5.00

MANUALS

RADIO SET MANUALS

\$3.00 EACH	\$5.00 EACH
BC-191	AN/ARN-6
BC-229/230	AN/ARQ-5
BC-312/342	AN/GRC-3-8
BC-603/604	AN/GRC-9
BC-620	AN/GRC-26
BC-652/653	AN/TRC-1
BC-659	BC-221 AH
BC-683/684	BC-610
BC-654	TS-175
BC-1000	S-36
BC-1306	ARC-3
BC-1335	OPERATING
BC-223	INSTRUCTIONS
BC-375	\$5.00
I-176	

SCHEMATICS \$1.00 EACH.

BC-929	BC-229	BC-230
BC-191	BC-224	BC-312
BC-375	BC-456	BC-457
BC-458	BC-459	BC-603
BC-604	BC-624	BC-625
BC-652	BC-653	BC-654
BC-659	BC-683	BC-684
BC-696	BC-733	BC-779
BC-923	BC-924	BC-1000
BC-1203	BC-1306	ID-80/AP17
RT1/APN2	ARB	R-77/ARC-3
R-4/ARR2	TBY	AM913/TRC
RAX-1	RAX-2	RAX-3
FMR-13V	RA-105	R-46/TRC-8

DAVEN DECADE
 26 RESISTORS
 250 OHM .5%
 WIRED TO A 25 CONTACT SWITCH
 IN A SERIES PARALLEL ARRANGEMENT. 2 1/2" x 2 1/4" x 4 1/2"
 WT: 1 LB. DAVEN SPEC #5041
\$2.95

APPROACH LIGHT GRIMES #NAF1024-2
 24 V, SPLIT GREEN & AMBER LENS & CLEAR 3x3x4 1/2; 1 LB. \$1.50

SOUNDER TELEGRAPH
 150 OHM COILS, 40 MA. MAX. OPE RATING CURRENT
BRASS SOUNDING BAR & PLATE, ADJUSTMENT FOR SOUNDING AND MAGNET.
 SIZE: 6x3x4 1/2; WT: 4 LBS \$2.95

KEY BRITISH TYPE
 No. 2
 MK-11
 SOLID BRASS HARDWARE
 4 1/2" x 1 1/2" x 2; B-52 \$5.95 EA.

GRAB BOX

35 LBS. FIBER BOARD COVERED PLYWOOD CARRYING CASE W/ HINGED COVER STEEL REINFORCED CORNERS LEATHER CARRYING HANDLE & LATCH FASTENERS. WILL MAKE A GOOD PORTABLE TOOL, TEST EQUIPMENT CASE. SIZE: 19x14x7, SHIPPING WEIGHT 35 LBS INCLUDES CASE.
PRICE: \$3.00

10 LB. ASST. CARTON \$1.00
 50 LB. " WOOD BOX 4.50
 100 " " " 8.00

ABOVE WEIGHTS DOES NOT INCLUDE WOOD BOX.

FREIGHT CHARGES ARE BASED ON A MINIMUM RATE OF 100 LBS. (EXCEPT RAIL EXP) IF YOU ARE ORDERING OTHER ITEMS WEIGHING LESS THAN 100 LBS. YOU CAN ORDER ONE OF THE ASST. GRAB BOXES TO FILL OUT THE 100 LBS. AT PRACTICALLY NO EXTRA CHARGE. OVER 100 LBS. IS BASED ON PER POUND RATE.

TUBES

1LC6 .75	6H6 .50
1LH4 .75	6AC7 .75
1LN5 .75	6SL7 .75
1R4 .75	6AC7 .75
1G6 .75	6J5 .75
1N5 .75	6V6GT .75
3B7/1291 .75	6K6GT .75
3D6/1299 .75	6SN7 .75
3Q5 .75	6X5 .75
3FP7 .95	12A6 .75
3HP7 .95	12SA7 .95
3BP1 1.95	12SC7 .75
316A .50	12SG7 .75
717A .75	12SJ7 .75

1619 .50	14H7 1.50
1624 .50	14J7 1.50
1625NU .50	14R7 1.50
1626 .50	28D7 1.50
10Y .95	837 1.00
211/vt4c .95	5Y3 .75

CRYSTALS

465 Kc CRYSTAL, RESONATOR TYPE FILTER AS USED IN BC-794, BC-1004 ETC. \$1.50

200 Kc CRYSTAL IN OCTAL TYPE TUBE HOLDER \$3.50

SET OF 80 CRYSTALS FOR BC-604 TRANSMITTER WITH FT-241 HOLDERS. \$7.95

IN-21A CRYSTAL DIODE
 \$.25 EACH 5 FOR \$1.00

CITIZEN BAND CRYSTALS
 CHANNELS 1 TO 23 IN HC6/U HOLDERS.
PRICE: \$2.95 EACH.

CRYSTAL SOCKETS TO FIT HC6/U
PRICE: \$.20 EACH.

CABLE ASSY

LESS CRYSTALS
 AMPHENOL 10 CRYSTAL HOLDER DECK FOR CR-18/U 3/4" SPACING. DECK 2 1/2" SQ. WIRED TO 2 1/2" WAFER BAND SWITCH DECK. \$1.95
LESS SWITCH \$1.25

FT-384 ADAPTER FOR TESTING
 BC-603-683-923
 PLUGS INTO REAR OF SET AND HAS METERING SWITCH & JACKS FOR ATTACHING METER FOR MEASURING VARIOUS VOLTAGES AND MAKING ALIGNMENT, WITH 6 FT. BATTERY CABLE AND CLIPS. RE-NEW \$4.95

TELEPHONE JACK STRIPS
 #4C4426-14 20 JACKS 3 COND. J-2 \$2.50
 #4C4322-25 JACKS 10 COND. 3 J-2-1A \$1.95
 TEL. CORD & PLUG TO FIT #1 JK-38 JACK FOR PLUGGING IN TWO PL-55 PHONE PLUGS, WITH 4 FOOT 4 CONO. CABLE #4JK-38 \$1.00

ONE " #8 SHIELD 8 FT. .75
 ONE " #8 PER FOOT. .12

UTILITY CABLES
 3 COND. #18 PLASTIC COVER, SAME AS USED ON ELECT. DRILL 15 FOOT \$.35
 3 FOR \$1.00

3 COND. #12 24 FOOT \$1.75
 2 COND. #12 PER FOOT, \$.08

RECTIFIERS

SELENIUM RECTIFIER 36 VOLT
A.C INPUT, 28 VDC OUTPUT @
6 AMPS. 2 TERMINALS.
SIZE: 1 3/2 x 2, WT. 1 1/2 LBS.
IRC#D5877 AAF# 3300---4355
PRICE: \$3.95

SELENIUM RECTIFIER; FULL
WAVE BRIDGE, RESISTIVE, IND.
36V. IN 28V. OUT 2 A. \$3.00
36V. IN 28V. OUT 4 A. 7.50
---NEW MANUFACTURE---

SELENIUM RECTIFIER; INPUT
28 VAC 60 CYCLE; OUTPUT 24
VDC 1.5 AMP., ROUND TYPE
SIZE: 4x3 WT: 12 OZ. #RM313
PRICE: \$2.95

SELENIUM RECTIFIER; INPUT
33 VAC 60 CYCLE, OUTPUT 24
VDC AMP. SIZE: 1x3 1/2
STK#3H4859-12 F/TRC-1
PRICE: \$.79

SELENIUM RECTIFIER; FULL
WAVE BRIDGE, RESISTIVE IND.
18V. IN 14V. OUT 2 A. \$2.10
18V. IN 14V. OUT 4 A. 3.60
---NEW MANUFACTURE---

COPPER OXIDE RECTIFIER
INPUT 36 VAC 50/60 CYCLE;
OUTPUT, 12.6 VDC 5 AMPS.
SIZE: 2 1/2 x 2 1/2 x 1, WT:
STK#3H4845 P/O RA-62/522
PRICE: \$7.95

SILICON RECTIFIERS
TM-53 500 PIV 200 MA .95
IN-345 200 PIV 400 MA .50
IN-337 200 PIV 200 MA .40

150 VOLTS 40 AMPS
WITH RADIATORS
SIZE: 2 x 1
#N5089-C \$5.95

RELAYS

CLARE# OHMS PLATE RELAYS
---CONTACTS---
REG. OPEN CLOSED OPERATE RELEASE
A-102627 3500 4PDT 2PST 11 MA 3 MA
A-211261 5000 SPDT 4PST 12 MA 4 MA
C-211261 6000 SPDT 4PST 2PST 10 MA 5 MA
A-102366 4500 4PDT --- 17 MA 5 MA
DUAL-COIL 7000 " --- 25 MA 5 MA
ALL THE SAME SIZE 1x1x1 1/2. PRICE: \$1.00 EACH

4PDT SEALED RELAY WILL OPERATE FROM 12 OR 24 VOLTS
DC. REMOVED FROM UNUSED EQUIPMENT. CAN SIZE 1 1/2 x 1 1/2
x 2; RELAY SIZE 1 x 1 x 1 1/2. STK#SKHX-21. PRICE: \$1.00



ROTARY RELAY
18-32 VDC 2 WIV
DINGS, 275 OHMS,
TOP WAFER 12 PO
SITION, BOTTOM
WAFER 6.

#2ZK77C5-18 PRICE: \$1.00

STARTING
RELAY

12 VDC 30
AMPS. PUSH
BUTTON ON TOP
FOR MANUAL
#2Z7585-35
PRICE: \$1.50



AUTOMOTIVE
RELAY
12 VOLTS D.C.
40 AMPS.

SPST CONTACTS NORMALLY
CLOSED. AUTO-LITE#TC4A001
PRICE: \$1.50



SENSITIVE LATCHING
RELAY, COIL 5000 OHM
.0009 MA., CONTACTS
SPDT 2 AMP. STANDARD
OCTAL BASE. STK#2Z
7586-192 PRICE: \$1.50

SMALL 400 OHM 3 VOLT RELAYS
USED IN RADIOSONDES \$1.00



MERCURY RELAY, DURA
KOOL #BEV-106, COIL
24 VDC. 1 A. CONTACT
120 D.C. 6 A. NORMAL
OPEN, 1.3 SEC. OPER
ATE. SECONDS RELEASE
0, MTG. SIZE 4 1/2 x 2 1/2
S.P.S.T.
PRICE: \$1.95

HEDIN RELAY #100-BH
S.P.D.T. 5 AMP. CONT.
4 OHM COIL.
\$1.50



RELAY, OCTAL PLUG
IN TYPE, 115 VOLT
60 CYCLE, D.P.D.T
20 AMP. CONTACTS.
1 1/2 x 2 1/2 #BOHRX-20
\$2.95



ROTARY STEPPING
RELAY SWITCHES
DECK 20 POSIT-
ION, 20-30 VDC.
DUAL WIPERS.
UNIT IN CONTAINED
IN A INTERVALMETER
ASSEMBLY THAT ALSO
CONTAINS OTHER PARTS.
SHPG. WT: 5 LBS. \$4.95

MIXED ITEMS

BC 683 LCU 3 COIL

R.F OSCILLATOR TUN-
ING UNIT FOR BC-683
RECEIVER ALSO USED
TO CONVERT BC-603
TO BC-683.
#BC-683/LCU3 \$2.00



32RA TRANSMITTER TUNING



UNITS 7 PRONG
BASE 2/17 PLATI
VARIABLE COND
R 1.5-2.1 MC

G 9 -12. "
E 12 -15. "
STK#2Z6632 EACH COIL \$1.50

BC-924 TRANSMITTER COIL



SLUG TUNED COIL 27 TO 38
MC. WITH ADJUSTING DIAL &
TUNING SCALE MOUNTED ON
CAST BASE. SIZE 8x1x1 1/2, 1 LB.
PRICE: 1.00



BUD 40 METER
TRANSMITTING
COIL MOUNTED
ON A 5 PRONG
CERAMIC
BASE. 18"
TURNS 1-3/4
DIA. 2 OUTSIDE
TURNS 1-7/8" DIA.
STK#3C804 \$7.75



465 KC I.F COILS AS
USED IN THE MARK II
RADIO SET. IRON CORE
SLUG TUNED. 1ST, 2ND
OR 3RD I.F.
STK#PC77366-7 \$7.75EA.
30 MC I.F SLUG IRON CORE TUN
ING. SIZE 2 1/2 x 2 1/2 #279643. \$1.50 EA

COILS

EXPERIMENTERS ASSORTMENT
ALL FOUR ITEMS FOR \$1.00



- 1 DUAL VARIABLE CAPACITOR &
COIL ASSY. APPROX. 165 MC.
- 2 DUAL VAR. CAP. COIL, ACORN
SOCKET ETC. APPROX. 200 MC
- 3 SLUG TUNED VARIABLE COIL
ASSY FOR BROADCAST BAND
RF & OSCILLATOR F/455KC IF
- 4 1ST RF TUNING STAGE FOR
PART OF BROADCAST BANDS,
3 VAR. CAP. COILS, COND.
RESISTORS, WAFERS ETC.

85 KC IF

STANDARD 85 KC IF AS
USED IN BC-453/R-23
COMMAND RECEIVERS.
PART# 4677
\$1.50 EACH 3 FOR \$4




COIL ASSY.
190 TO 550
KC. SAME AS
USED IN THE
LATER SERIES
COMMAND SETS, SIMILAR TO ONE
USED IN THE BC-453/R-23
SERIES. PART# 12751
PRICE: \$1.50 EA.



60 MC IF
BROAD BAND
USES 10 TUBES
5/717A, 3/6AK5
1/6SL7 & 1/6SN7; HAS MIXER
PANEL, RELAYS, CABLES ETC.
SIZE: 14x4x5; WT: 4 LB. USED
STK# D-152229
PRICE: WITH 5/717A \$2.95
WITH 10 TUBES 6.50

CODE OSCILLATOR

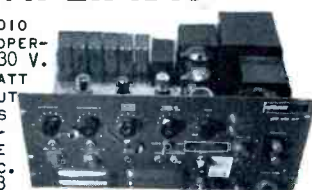


VO-3 OSCILLATOR IS AN ELECT-AUDIO TONE GENERATOR WITH A 10 WATTS OF POWER OUTPUT AT A FREQ. OF 800 CYCLES PER SEC COND. THIS POWER IS ADEQUATE FOR SUPPLYING TONE TO 200 HEADSETS THAT CAN BE KEYS BY THE INSTRUCTOR OR STUDENTS AND FEED INTO A SPEAKER OR RECORDER. OPERATES FROM 115 VOLT 60 CYCLE, COMPLETE WITH TUBES 1/6SN7, 1/5U4 & 2/6V6GT, OUTPUT 4, 8, 12 & 16 OHMS. SIZE: 12x10x7 1/2. WT: 24 LBS. PRICE: USED \$12.95

BD-95 SWITCHBOARD IS A CORDLESS LOCAL BATTERY UNIT EQUIPPED WITH LINE LAMP SIGNAL SUPERVISION AND DESIGNED FOR SWITCHING LOCAL BATTERY MAGNETO LINES ONLY, BUT MAY BE MODIFIED FOR COMMON BATTERY LINES. MAY BE USED WITH OTHER TRUNK OR TIE LINE LOCAL BATTERY SWITCHBOARDS. SIZE: 22x14x4. WT: 20 LBS. NEW \$24.50

TG-10 KEYS IS AN AUTOMATIC UNIT FOR PROVIDING AUDIBLE CODE PRACTICE SIGNALS FROM AN INKED TAPE RECORDING. THE OUTPUT OF THE KEYS IS AN AUDIO FREQ. NOTE OF 800 CYCLES PER SEC. WITH SUFFICIENT POWER TO SUPPLY A NUMBER OF HEADSETS OR PRACTICE TABLES DIRECT CAN ALSO BE USED AS A TELEGRAPH KEY AMPLIFIER OR TAPE PULLER FOR A RECORDER. OPERATES FROM 115 VOLT 60 CYCLE. COMPLETE WITH TUBES; 2/6N7, 2/6L6, 2/6SJ7, 1/5U4 & 1/923. SIZE: 24x11x18. WT: 63 LBS. PRICE: USED CHECKED \$19.95 NOT CHECKED \$14.95

AMPLIFIER




AM-20/TIQ-2 AUDIO AMPLIFIER THAT OPERATES FROM 115/230 V. 60 CYCLE, 150 WATT WITH POWER OUTPUT 20 WATTS AT LESS THAN 5% DISTORTION, FREQ. RANGE 50 TO 10,000 CYC. MAX. VARIATION 3 DB. EIGHT INPUT CHANNELS 2 HIGH IMP. MIC., 2 LOW IMP. MIC. WITH SEPARATE CONTROLS; CARBON MIC. INPUT 100 OHMS, RADIO LINE INPUT 100 OHM SEPARATE CONTROLS, PHONE OR LINE INPUT 100 " WITH " ALSO TONE CONTROL, BASS --- TREBLE; VARI-TAPPED OUTPUT TRANSFORMER WITH 250, 125, 60, 30 AND 6 FOR MATCHING SPEAKER; SIX TUBES 3/6SL7, 2/6L6 & 1/5U4.; RACK PANEL MTG., MONITORING JACK AND BLOWER. SIZE: 19x9x13. WT: 50 LBS. PRICE: USED NOT CHECKED \$29.95 PRICE: USED CHECKED/OPERATIONS \$34.95

WIRE RECORDER



RD-15A/ANQ-1A C-260A/ANQ-1A MX-303A/ANQ-1A WIRE RECORDER 3" DIA. REEL 0.006 DIA. WIRE, ONE INPUT CHANNEL, 600 OHMS IMPEDANCE; 290 RPM RECORDING SPEED; 300 TO 3500 CYC. PER. SEC. FREQUENCY RESPONSE. OPERATES FROM 26.5 VOLTS D.C WITH TUBE 28D7, MAGAZINE MX303A/ANQ-1 WITH WIRE FOR 60 MIN. & C-260A/ANQ-1A CONTROL BOX. USED IN AIRCRAFT FOR RECORDING MESSAGES. SIZE: 10x6x8, CONT. 3x6x2 1/2. WT: 15 LBS. PRICE: USED EXCELLENT, \$9.95 CONNECTOR PLUGS THREE REQUIRED...EACH...\$1.50

PANORAMIC RECEIVER




R-61/ARQ-5 DOUBLE SUPERHET RODNEY RECEIVER WITH MOTOR DRIVER CAPACITOR TUNING FOR SCANNING AM, FM, CW & WB VIDEO SIGNALS IN THE 18 TO 50 & 48 TO 80 MC BAND ON A 5CP1 CATHODE RAY TUBE THAT IS CALIBRATED AS TO FREQ. PRESENTATION IN THE LOW & HIGH BAND. SELECTION OF BAND TO BE VIEWED, SELECTIVITY & CLIBRATION ARE ALL ON THE FRONT PANEL. SET IS OF UNINITIALIZED CONSTRUCTION AND IS COMPLETE WITH 20 TUBES: 4/6AG5, 2/9002, 2/12SK7, ONE EACH 5Y3, 2X2, VR-90, 927, 12S67, 12SA7, 12H6, 12SQ7, 12SH7, 6SN7, 2050 & 5CP1. OPERATING VOLTAGE REQUIRED 80-115 VOLTS 400-2600 CYCLES 120 WATTS & 28 VDC WITH OPERATING MANUAL & SCHEMATIC. SIZE: 10x8x22. WT. 5 LBS. PRICE, NEW...\$49.50

F-56 FAIRCHILD AIRCRAFT CAMERA

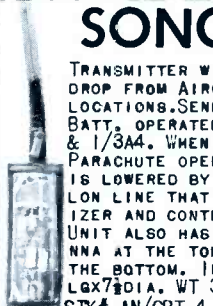


DESIGNED AS A RECORD-TYPE, QUICKWIND, AUTOMATIC CAMERA WHICH IS EQUALLY ADAPTABLE TO OBLIQUE SPOTTING & VERTICAL MAPPING. IT CAN BE OPERATED MANUALLY OR ELECTRICALLY 24 VOLT DC. FOCAL LENGTH 20", SHUTTER SPEEDS 1/35, 1/50, 1/100 & 1/150 DIAPHRAGM STOPS 5.6, 8, 11, 16, & 22. THE MAGAZINE USES UP TO 125 FT OF FILM 7" WIDE AND WILL GIVE APPROX. 200 NEGATIVES, 6-5/8"x7". DETACHABLE FILTERS ARE PROVIDED ALSO SPARE REELS, INTERVALOMETER FOR AUTOMATIC OPERATION & CABLES FOR ELECTRIC OPERATION. WITH MANUAL NEW AND COMPLETE IN TRUNK \$89.50

MX-333/GG TAPE PULLER USED WITH CODE PRACTICE TO REEL 3/8" PAPER TAPE AS THE TAPE IS PASSED THROUGH THE RECORDER; HAS CONSTANT SPEED 110 VOLT 60 CYCLE INDUCTION MOTOR WITH VARIABLE SPEED FRICTION DRIVE ARRANGEMENT. UNIT COMES IN A WOOD CARRING BOX 10x10x15 WITH A CARRING HANDLE. WT: 27 LBS. PRICE. RE-NEW \$12.95




SONOBOUY




TRANSMITTER WITH PARACHUTE USED TO DROP FROM AIRCRAFT IN ORDER TO MARK LOCATIONS. SENDS MCW SIGNAL 70-90MC BATT. OPERATED WITH TUBES 3/1L4, 1/304 & 1/3A4. WHEN UNIT IS DROPPED 6" RAYON PARACHUTE OPENS, WEIGHT ON BOTTOM OF SET IS LOWERED BY A SPINNER TYPE REEL & NYLON LINE THAT TURNS A PROPELLER STABILIZER AND CONTROLS THE RATE OF FALL. UNIT ALSO HAS A 40" FLEXIBLE WHIP ANTENNA AT THE TOP & A COIL TYPE DIPOLE ON THE BOTTOM. IN WATERPROOF CONTAINER 50" LGX7" DIA. WT 30LBS. STK# AN/CRT-4 PRICE: \$14.95

TG-34A KEYS:




CODE PRACTICE SET USED TO REPRODUCE SIGNALS PREVIOUSLY RECORDED ON INKED PAPER TAPES. VARIABLE SPEED MOTOR, KEYING OSCILLATOR WITH SPEAKER AND PHONE JACK. OPERATES FROM 115/230 50/60 CYC. HOUSED IN PORTABLE CARRING CASE. SIZE 15x10x10; WT: 40 LBS. PRICE: RE-NEW, CHECKED \$24.95

HYDROPHONE



MAGNETOSTRICTION TYPE UNIT 20 KC RESONANT FREQUENCY. THIS IS A STANDARD SECTION OF A ASSY. AS USED IN AN/SQS-10 EQUIPMENT. (HYDROPHONE IS A TYPE MICROPHONE DESIGNED TO BE ACTUATED BY WATER BORNE SOUND WAVES AND MAGNETSTRICTION IS THE CHANGE IN THE DIMENSIONS OF A FERREMAGNETIC OBJECT WHEN PLACED IN A MAGNETIC FIELD. SIZE: 3x5x1 1/2. WT: 3 LBS. STK# 875446 Y-901 PRICE: NEW \$4.95

FLASHER



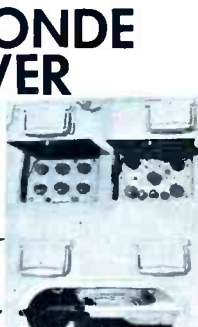
SUNBEAM MIXMASTER 115 VOLT 60 CYCLE FLASHER UNIT, HALF MINUTE ON / HALF MINUTE OFF. HOUSED IN METAL BOX 4 1/2x4 1/2x3 WITH LINE CORD, TIMER MOTOR SWITCH AND AC RECEPTACLE. WT: 2 1/2 LBS. STK# SUNMIX1567 PRICE: \$1.95

GUN SIGHT




K-14 GUN SIGHT, SIGHTING HEAD, ILLUMINATED UNIT WITH TWO 2" 8X POWER LENSES, 1/2" REFLECTING MIRROR, WORM GEAR ADJUSTING LIGHT SHUTTER, TWO AUTOSYN MOTORS CONNECTED BY A SPRING BELT AND TWO MIRRORS MOUNTED ON SHAFTS. SIZE: 9x5x5 1/2; WT: 10 LBS. PRICE: USED \$2.95

RADIOSONDE RECEIVER




BC-1364 RECEIVER-INDICATOR USED WITH TRANSPORTABLE RADIO DIRECTION FINDER SET TO TRACK A BALLOON-BORNE RADIOSONDE. SET PROVIDES A CONTINUOUS INDICATION OF THE AZIMUTH AND ELEVATION ANGLE OF THE RADIOSONDE ALSO AMPLIFIES, DEMODULATES THE RADIOSONDE FM SIGNALS FROM WHICH TEMPERATURE, RELATIVE HUMIDITY AND ATMOSPHERIC PRESSURE ARE COMPUTED. WIND SPEED AND DIRECTION ARE DETERMINED BY PLOTTING THE AZIMUTH & ELEVATION ANGLES WITH THE ALTITUDE. THE 5CP1 CATHODE RAY TUBE IS USED WITH THE DIRECTION-FINDER PORTION OF THE RECEIVER. FREQUENCY COVERED 392-413 MC, FM AND IS COMPLETE WITH 27 TUBES BUT LESS THE ELEVATION AND AZIMUTH INDICATORS. OPERATES FROM 115/230.60 CYCLE. SIZE: 20x24x15 WT: 100 LBS. PRICE: USED. \$29.50

RADIOSONDE




AN/ANT-2 RADIOSONDE, 403 MC FM. A SINGLE PACKAGE INSTRUMENT WHICH CARRIED BY A FREE BALLOON, IS USED TO TRANSMIT METEOROLOGICAL INFORMATION TO A GROUND STATION. THE FREQUENCY MODULATION IS CONTROLLED BY A SENSOR MECHANISM CONTAINING ELEMENTS CONTROLLED BY PRESSURE, TEMPERATURE AND HUMIDITY TOGETHER WITH A COMMUTATOR ARRANGEMENT WHICH SET UP A SEQUENCE OF SIGNALS. USES 2 TUBES AND REQUIRES 1.5, 6 & 115 VDC FOR OPERATION. W/TUBES, LESS BATT. SIZE: 4 1/2x6x6 1/2. WT: 1 1/2 LESS BATTERIE PRICE: NEW \$2.95 EACH. 2 FOR \$5.00

BC-1253 RADIOSONDE TRANSMITTER OPERATES AT 397 MC; SENDING A CONSTANT SIGNAL TO BE RECEIVED BY RADIO DIRECTION FINDER, WHILE BEING CARRIED IN THE ATMOSPHERE BY A FREE BALLOON. COMPLETE WITH ONE 955 ACORN TUBE. REQUIRES 1.5, 6 & 115 VOLT BATTERIES. SIZE 3x5x6 1/2. WT: 8 OZ. PRICE: NEW \$5.99 2 FOR \$1.00




ACOUSTICON CORDLESS MICROPHONE AND AMPLIFIER HEARING AID, HEADBAND TYPE ASSEMBLY. CONSISTS 3/4" MICROPHONE AND 3 TUBE AMPLIFIER WITH VOLUME CONTROL AND BATTERY COMPARTMENT MOUNTED IN A LIGHT-WEIGHT HEADBAND. USES MERCURY BATTERY RM-1H & MINI-MAX 15 VOLT 504E EVEREADY. PRICED WITH TUBES, LESS BATTERIES AND PHONE UNIT. NEW: \$2.95 #A200




MODEL A-200 \$2.95

GYRO VERTICAL CONTROL ASSEMBLY TYPE 314625; OPERATES FROM 115V 400 CYCLE 3 PHASE, WILL OPERATE FROM APPROX. 50 VOLTS 60 CYCLE WITH A 20 MFD. CAPACITOR IN THE CIRCUIT. THIS IS A PRECISION UNIT THAT WAS USED IN AIRCRAFT TO CONTROL CHANGES IN ALTITUDE ABOUT PITCH AND ROLL AXES OF AN AIRBORNE VEHICLE. SENSITIVITY IS OBTAINED BY MOUNTING THE GYRO WITH THE SPIN AXIS VERTICAL. THE ELECTRICAL CHANGES ARE THEN FEED TO THE STABILIZING EQUIPMENT. SIZE: 5 1/2x7x7.8 LBS. PRICE USED \$3.95



GUN SIGHT GYRO UNIT



USED IN THE MK-18 GUN SIGHT AND CONTAINS TWO AUTOSYN TYPE MOTORS THAT ARE CONNECTED BY A SPRING BELT, ON ONE OF THE UNITS IS MOUNTED 1 1/2" MIRROR AND ON THE GYRO IS A FREE PIVOTING 2 1/4" MIRROR. USED 3 1/2x3x5; WT: 3 LBS. \$1.00

Fair Radio Sales Co.
 2133 EUIDA ROAD
 Lima, Ohio 45802
 P. O. BOX 1105

RETURN REQUESTED

Bulk Rate
 U S POSTAGE
PAID
 Lima, Ohio
 Permit No. 74

**ADVISE OF
 CHANGE IN
 ADDRESS**

TELEMETHODS INTERNATIONAL
 3075 E 123RD ST
 CLEVELAND 20 OHIO

**Will Not Be
 Forwarded**

**LOW VOLTAGE
 TRANSFORMERS**

ALL PRIMARIES 105, 110, 115
 120, 125 VOLT, 60 CYCLE

- Sec: 6.6 V 25 AMP.
 4x6x4; 17 LBS.
 GE#9T35Y344 \$4.95
- Sec: 6.6 V 18 AMP
 3x5x4; 12 LBS.
 GE#9T35Y159 \$3.95
- Sec: 6.6 V 10 AMP
 4x3x4; 9 LBS.
 GE#9T35Y158 \$2.95
- Sec: 6.6 V 10 AMP.
 6.6 VCT 1 "
 5x4x3; 10 LBS.
 GE#9T35Y181 \$3.25
- Sec: 6.3 VCT 2.5 AMP
 6.3 VCT 1.0 "
 2x3x2; 4 LBS.
 GE#9T35Y798 \$1.50
- Sec: 6.6 VCT 2.7 AMP
 2x2x2; 4 LBS.
 GE#9T35Y321 \$1.25
- Sec: 6.6 V 2.3 AMP
 2x2x2; 4 LBS.
 GE#9T35Y241 \$1.25
- Sec: 6.3 VCT 1.3 AMP.
 6.3 VCT 1.0 "
 2x3x2; 2 LBS.
 GE#9T35Y801 \$1.00
- Sec: 6.3 VCT 5.0 AMP
 6.3 VCT 1.0 "
 4x3x2; 4 LBS.
 GE#9T35Y8012 \$2.25
- Sec: 6.6 V 1.2 AMP.
 2x3x2; 1 LBS.
 GE#9T35Y240 \$0.80
- Sec: 6.3 V 3.1 AMP
 6.3 V 2.5 " " " "
 6.3 V 0.45 " " " "
 6.3 V 0.30 " " " "
 5.0 V 2.0 " " " "
 5.0 V 2.0 " " " "
 3x4x3; 4 LBS.
 #TF1A01JA \$3.95

CHOKES

- 1.25 HY @ 1.23 ADC
 PHV 1070
 TF1A04LB
 6x5x4; WT: 21 LBS
 \$5.95
- 4 HY 400 MA
 35 OHMS
 1.07 KV WVM
 4x3x5; 10 LBS.
 GE#9T35Y231
 \$3.95
- 3.5 HY 500 MA
 30 OHMS
 715 V WV
 4x5x3; 10 LBS.
 TK1A04KA/A8694
 \$3.50
- 5 HY 255 MA
 80 OHMS
 3x5x3; 7 LB.
 B-7406969
 \$2.50
- 8 HY 150 MA
 100 OHMS
 MAX. W. V. 715
 3x4x2; 5 LBS.
 # TF1A04HA
 \$1.95
- 10 HY 75 MA DC
 375 OHMS 1070 MV
 2x2x1; 1 LBS.
 TF1A04EA
 \$.89
- 25 HY 35 MA DC
 1070 MV
 2x3x2; 2 LBS
 GE#7415231
 \$.79
- 22/0.2 HY-.075/.9A
 5.65 OHMS MDC
 535 V MVM
 3x4x3; 8 LBS.
 GE#9T35Y149
 \$1.95

MORE TRANSFORMERS & CHOKES
 SHOWN ON PAGES 12 & 13

**HIGH VOLTAGE
 TRANSFORMERS**

- PRI: 109, 115, 120, 126, 60CYC
 SEC: 2580 VOLTS EACH SIDE
 CENTER TAP RATED AT
 120 MA. 6500 P.V.V.
 TESTS HAVE SHOWN THAT
 UNDER LOAD TRANSFORMER
 WILL DELIVER 2000 VOLT
 DC 300 MA.
 SIZE: 7x6x6; WT: 42 LBS.
 TF1A02YY \$19.95
- PRI: 105-110-115-
 120-125
 SEC: 365 V. TAPPED
 335 V.
 500 MA.
 4x5x3; 13 LBS
 # TF1A02LA
 \$2.95
- PRI: 105-110-115-
 120-125
 SEC: 620 V 425 MA
 TAP. 590 V 260 MA
 5x6x4; 23 LBS.
 # GE7415210
 \$3.95
- PRI: 105-110-115-
 120-125
 SEC: 365 V 775 MA
 TAP. 340 V 525 MA
 850CT 30 MA
 5 V 2 A
 6x7x5; 30 LBS.
 # GE7415214
 \$4.95
- PRI: 105-110-115-
 120-125
 SEC: 560CT 75 MA
 365 V 150 MA
 TAP 335 V
 3x5x3; 8 LBS.
 # TF1A02JA
 \$1.95
- PRI: 105-115-125
 SEC: 900CT 400 MA
 5.0CT 4 A
 6x4x4; 17 LBS.
 # TF1A03MA
 \$7.95

KWIKSTART POWER PACK

STARTS ANY 6, 12 OR 24 VOLT SYSTEM ENGINE FROM 110 VOLT 60 CYCLE. NEWLY MANUFACTURED OF LATEST DESIGN. UNIT IS A POWERHOUSE OF ENGERY-ENGERY NEEDED TO START ENGINES IN SUB-ZERO WEATHER EVEN THOUGH THE BATTERY IS DEAD. PORTABLE UNIT APPROX. 30 LBS.

STANDARD UNIT: 6 FT. INPUT CABLE. AIRCRAFT UNIT: INPUT CABLE CABLE, 4 FT. OUTPUT CABLE. . 6 FT WITH AIRCRAFT TYPE

6 VOLT 400 AMP.	\$97.00	PLUG, 6 FT OUTPUT CABLE.
12 " 225 "	89.50	12 VOLT 225 AMP \$103.50
24 " 115 "	97.00	24 " 115 " 111.00

WITH POLARITY PROTECTION .
 20% ADDITIONAL.
 WRITE FOR PRICES ON HEAVY DUTY, CONTINUOUS DUTY, COMBINATION INPUTS AND SPECIAL TYPES YOU MAY REQUIRE.



HIGH AUDIO

- PRI: 7000 OHM CT
 SEC: 294 " "
 52 " "
 ONE WINDING
 POWER: 64 WATTS.
 RESPONSE: 1 DB
 20-20,000 CPS
 SIZE: 5x7x4; WT:
 TF1A13NA \$4.95
- PRI: 7000 OHM CT
 SEC: 265 " "
 80 " "
 ONE WINDING
 POWER: 62.5 WATTS
 RESPONSE: 1 DB
 20-20,000 CPS
 SIZE: 4x6x4; 20 LBS.
 TF1A13MA \$4.95

COAXIAL CABLES



RG-62 COAXIAL CABLE 93 OHM WITH TWO
 UG-88 COAXIAL CONNECTORS, CG-1410
 LENGTH... 10' 22' 35' 130'
 PRICE EA..50 1.00 1.50 2.95

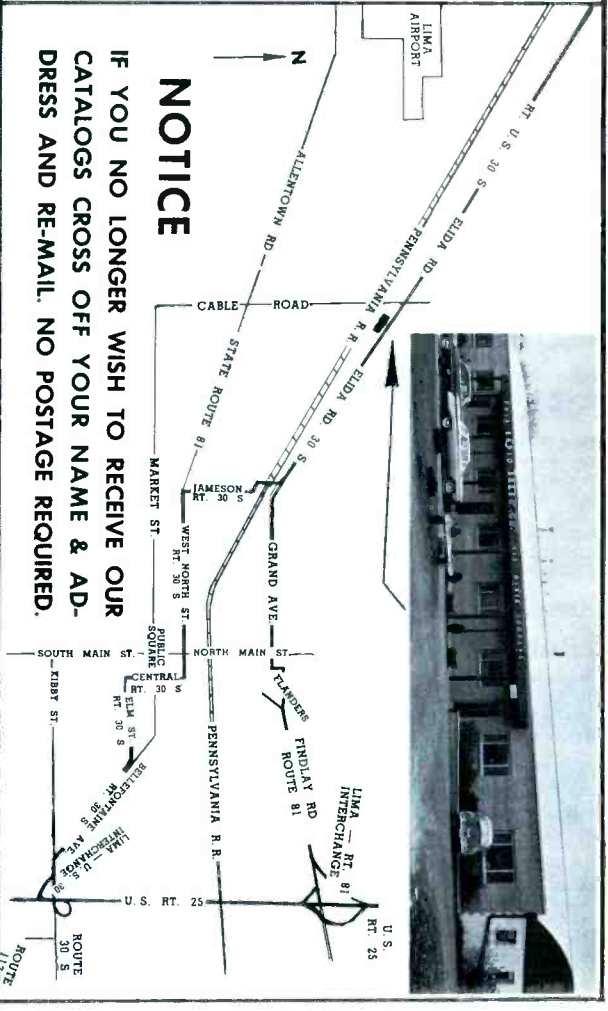
RG-58C COAXIAL CABLE 53 OHM WITH 2
 UG-88 COAXIAL CONNECTORS, CG-409D/U
 20 FT. \$1.00 110 FT. \$2.95

SOUND RECORDER



SOUND RECORDER, ELECTRO-MAGNETIC. USES STANDARD DICTAPHONE WAX CYLINDER WITH AMPLIFIER APPROX. 2 WATT, RECORDING SPEED 96 TO 100 RPM, DOUBLE MANDREL, CONTINUOUS RECORDING, AUTOMATIC CHANGE-OVER, REPLACEABLE STYLUS. OPERATES FROM 115 V 60 CYCLE. FLOOR CABINET 15x15x32 SHPG. WT: 100 LBS. LESS MICROPHONE, HEADSET RECORDING CYLINDERS & CABLES. DICTAPHONE K142
 PRICE: USED \$24.50

NOTICE
 IF YOU NO LONGER WISH TO RECEIVE OUR
 CATALOGS CROSS OFF YOUR NAME & ADDRESS
 AND RE-MAIL. NO POSTAGE REQUIRED.





WORLD'S FINEST SURPLUS BARGAINS..

Spring-Summer 64

SURF HAILER



SURF-HAILER, ALL PURPOSE PORTABLE AMPLIFIER, LISTENER AND FOG HORN UNIT UTILIZING A REVOLUTIONARY TRANSISTOR DESIGN HOUSED IN A MODERN BLUE & WHITE ALUMINUM CARRING CASE WITH A WEATHER-RESISTANT, RUSTPROOF TRUMPET SPEAKER AND HAND MICROPHONE. ORIGINALLY DESIGNED FOR BOATS IT CAN ALSO BE USED FOR HUNTING, MEETINGS AUCTIONS ETC. THE LISTENER FEATURE IS ENLIGHTENED ENOUGH TO PICK UP THE STRIKING OF A MATCH AT 20 FT. THE TRUMPET CAN BE DISCONNECTED AND MOUNTED ELSEWHERE SO IT CAN BE USED AS A SENTRY FOR PROWLERS, NURSERY, BIRD CALLS ETC. THE FOG HORN GIVES OUT APPROX 30 WATTS AND THE AMPLIFIER APPROX. 15 WATTS OF DISTORTION FREE VOICE.
REQUIRES 3 BURGESS T-W2 12 VOLT LANTERN BATTERIES FOR OPERATION.
SIZE: 7 1/2 x 6 x 9 1/2 W/SPEAKER 14 1/2"; WT: 12 LBS.
PRICE: (LESS BATTERIES) \$49.50 NEW

MOBILE F.M 152 172 MC

RECEIVER TRANSMITTER



6 OR 12 VOLT
\$59.50

COMMERCIAL TYPE MOBILE COMMUNICATION RADIO SET MFG. BY LINK. TRANSMITTER # 2240 50 WATT USING 2/2E26 TUBES DRIVING 829 IN THE FINAL ALSO 1/7AG7, 1/7F7 & 1/7W7 TUBES. WITH 12 VOLT DYNAMOTOR POWER SUPPLY. RECEIVER #1905 SELECTIVE DOUBLE CONVERSION WITH SQUELCH CIRCUIT & 2/7A6, 7/7AG7, 1/7F7, 1/7B5 & 2/6AK5 WITH 12 VOLT VIBRATOR POWER SUPPLY. BOTH UNITS ARE CRYSTAL CONTROL PHASE MODULATED 15 KC.
UNITS HAVE RECENTLY BEEN REMOVED FROM CARS AND HAVE TUBES, CONTROL BOXES, CABLES WITH PLUGS (THAT MAY HAVE TO BE SPLICED) ETC.
PRICE, AS DESCRIBED \$59.50

TELETYPEWRITER

MODEL 20 MONITOR SIMILAR TO MODEL 15 ONLY LESS KEYBOARD. KEYBOARD CAN BE ADDED AT ANY TIME. THIS IS A PAGE PRINTER. THIS EQUIPMENT WAS RECENTLY TAKEN OUT OF SERVICE AND WAS OPERATING AT THE TIME BUT IS NOT GUARANTEED TO BE IN OPERATING CONDITION.
SIZE 16X16X16; WT: 100 LBS.
PRICE: \$69.50



MODEL 14AT TELETYPE TYPING UNIT, USES 3/8" TAPE THIS EQUIPMENT WAS RECENTLY TAKEN OUT OF SERVICE AND WAS OPERATING AT THE TIME BUT IS NOT GUARANTEED TO BE IN OPERATING CONDITION. SIZE: 15x15x15; WT: 100 LBS.
PRICE: \$89.50

PAPER TAPE 3/8" FOR TELETYPE MACHINES, NOT GUMMED, 30 ROLLS \$3.00/60 ROLLS \$5.00

TRANSMITTER



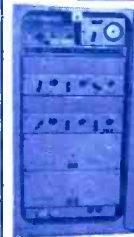
WILCOX ELECTRIC TRANSMITTER #96, 2 1/2 KW, 2 TO 18 MC. CW, AM, CRYSTAL CONTROLLED. USES PLUG IN COILS BUT NOT SUPPLIED. USES TUBES 2/450TL/TH, 2/807, 1/813, 1/811 THESE TRANSMITTERS WILL BE SHIPPED IN THE SAME CRATES AS RECEIVED. NO INSPECTION WILL BE MADE SO TUBES MAY OR MAY NOT BE IN SET AND ARE OFFERED AS SUCH. NO POWER SUPPLY OR MODULATOR ARE INCLUDED. CONDITION USED AS DESCRIBED.
SIZE: 12 1/2 x 24 1/2 x 72; WT: 250 LBS. \$75.00

RAX 1 RECEIVER



FOUR BAND RECEIVER 200-1500KC LARGE 4" DIAL, CW, MCW, AVC, ANTENNA TRIMMER, VOLUME CONTROL & PHONE JACKS ALL ON FRONT PANEL. WITH 3/12SK7, 1/12K8, 1/12SR7 & 1/12A6 TUBES.
VOLTAGE REQUIRED 28 VOLTS FOR FILAMENTS & APP. 200VDC 80MA.
SIZE: 7 1/2 x 17; WT: 25 LBS. RE-NEW \$29.95
SHOCKMOUNTING BASE FOR RECEIVER 2.50
A.C POWER SUPPLY IN CABINET WITH SPEAKER.... 18.95

TELEGRAPH REPEATER



TELEGRAPH REPEATER WE#61824A, TWO COMPLETE UNITS WITH RECTIFIERS THAT OPERATE FROM 115 V. 50-60 CYCLE. THE REPEATERS ARE DESIGNED TO OPERATE AT TELETYPE SPEEDS, OPEN WIRE COMPOSITED OR SIMPLEX CIRCUITS, 2 PATH POLAR OR OTHER FORMS OF TRANSMISSION. METERING, PATCHING JACKS, TESTING, MONITORING AND ADJUSTING CONTROLS ARE ALL AVAILABLE ON THE FRONT PANELS.
THE UNIT IS HOUSED IN A METAL CABINET WITH A HINGED DOOR FRONT & BACK.
SIZE: 22 1/2 x 17 x 42; WT: 200 LBS. RE-NEW
PRICE: \$39.50

PORTABLE REPEATER



TP-7 REPEATER, VOICE FREQUENCY FOR USE ON FOUR WIRE LINES AS A THROUGH OR TERMINAL REPEATER. CONSISTS OF TWO, TWO-STAGE AMPLIFIERS THAT THE INPUTS AND OUTPUTS CAN BE SWITCHED FROM 300, 600 OR 1200 OHM IMPEDANCE.

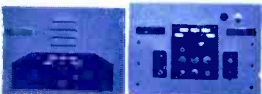
COMPENSATING CONTROLS FOR VARIATION OF TRANSMISSION LOSSES DUE TO THE LINE AND TO ALLOW ADJUSTMENTS IN ORDER TO OBTAIN A FLAT FREQ. RESPONSE. EACH AMPLIFIER HAS A OPERATING GAIN OF 35 DB AT 1000 CYCLE OR A POWER LEVEL OF 20 DB. OPERATES FROM 12 VDC OR 110 V. 60 CYCLE. FOR PORTABLE USE OR RACK MOUNTING.
SIZE: 19 x 9 1/2 x 20; WT: 40 LBS. UNUSED \$12.95

REPEATER



TG-30 REPEATER, TELEGRAPH TERMINAL FOR TRANSMITTING OR RECEIVING ON A HALF DUPLEX ONE CHANNEL OPERATION. CAN BE USED TO INTERCONNECT NEUTRAL AND POLARENTIAL OR TWO PATH POLAR EXED OR COMPOSITED RETURN CIRCUITS. SPEED 60/66. OPERATES FROM 115/230 V. 50/60 CYC & 115 VDC. SHIPPED IN WOOD CHEST 25x16x14; 175 LBS
PRICE: USED \$14.95 RE-NEW \$19.95

RECEIVER TRANSMITTER



T-91/VRC-4 TRANSMITTER, AM, 25 W. CW/PHONE, 4 CRYSTAL CONTROLLED CHANNELS IN THE BAND OF 1.7 TO 8.7 MC. OR A TUNEABLE CHANNEL VARIABLE 4.0 TO 7.0 MC. WITH TUBES 1/6V6, 2/6L6 & 1/807 NO POWER SUPPLY, REQUIRES APPROX 600 VDC FOR B SUPPLY AND 6 VOLTS FOR FILAMENTS.
SIZE: 15 1/2 x 11 x 14 1/2; WT: 50 LBS. UNUSED
R-114/VRC-4 RECEIVER AM, 4 CRYSTAL CONTROLLED CHANNELS 1.7 TO 8.7 MC. ONE TUNEABLE CHANNEL 190 TO 510 KC. IF FREQ. 525 KC. FOR CW/PHONE WITH SPEAKER & TUBES 4/6SK7, 1 8.2/6SQ7 & 1/6K6. VOLTAGE REQUIRED 6 V & APPROX 220 VDC
SIZE: 15 1/2 x 11 x 14 1/2; WT: 40 LBS. UNUSED
T/91/VRC-4 TRANS. & R-114/VRC-4 REC. \$59.95

DIGITAL DISPLAY

2 1 3 3

ONE PLANE DIGITAL DISPLAY UNIT. PRESENTS ON 1 1/2 x 2 INCH SCREEN NUMBERS 1 TO 11. ANY AMT. OF UNITS CAN BE MOUNTED SIDE BY SIDE TO GIVE A SINGULAR DISPLAY. ILLUSTRATION SHOWS FOUR UNITS SIDE BY SIDE. USES LA-47 LAMPS 6.3 VOLT
SIZE: 1 1/2 x 2 1/2 x 6; WT: 1 LB. NEW \$9.95

MOTOROLA



MOTOROLA TRANSMITTERS, VARIOUS FREQUENCIES AS LISTED BELOW, ALL FOR 6 VOLT D.C OPERATION. USED GOOD CONDITION WITH TUBES, APPROX 30 WATTS OUTPUT
SIZE: 15 x 9 1/2 x 9 1/2; WT: 38 LBS.
F.M. 30 TO 40 MC \$14.95/152 TO 172 MC \$18.50

SYNCHRO INDICATOR

INDICATOR ASSEMBLY FROM CRV-55ABL CONSISTS OF 2 SYNCHRO MOTORS MARK-4, Mod.2 SIZE 5F, 115/90 V. 60 CYC CONNECTED TO A 7/8" SCALE 0-360 DEGREES INNER AND OUTER FIX. ALUMINUM CHASSIS NO COVER 14x14x14; WT: 40 LBS.
AS DESCRIBED \$18.95; SYNCHRO MOTOR ONLY \$8.95
SYNCHRO CONTROL TRANSFORMER MARK 3, Mod.2, 5CT 90-55 VOLT TO BE USED WITH ABOVE UNIT, \$9.95



TELEPHONE RINGER



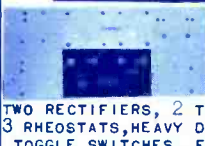
PE-250 TELERING GENERATOR INTERRUPTER RINGING MACHINE FOR TELEPHONE LINES. OPERATES FROM 110 VOLT 60 CYCLE 50 WATT, OUTPUT 90 VOLT 20 CYCLE, REQUIRES 50 WATT LAMP FOR INDICATING SHORT OR HEAVY LOAD. 8 1/2 x 4 x 12; 15 LBS.
USED \$4.95 RE-NEW \$7.95

RADAR INDICATOR



PPI RANGE INDICATOR FOR T-9 TRACKER RADAR SET AN/GPG-1. OPERATES FROM 115 VOLT 60 CYCLE WITH TUBES, 13/6J6, 2/12AH7, 1/6AG5, 1/6AR6, 1/6AG7, 2/6C4, 1/12AU7, 1/3DP1, 1/5ADP7 & 2/3B29 ALL FOCUSING CONTROLS ON FRONT PANEL, CHASSIS ONLY, NO COVER. SIZE: 13x11x24; WT: 80 LBS.
\$27.95

24 V. RACK RECTIFIER



WE KS5858 RECTIFIER, FULL WAVE UNIT SELENIUM TYPE, 115 VOLT 60 CYCLE INPUT, OUTPUT 25-27 (CAN BE CONVERTED TO 0-30) 4AMPS. HAS TWO RECTIFIERS, 2 TRANSFORMERS, CHOKE, RELAYS, 3 RHEOSTATS, HEAVY DUTY 12 POSITION SWITCH, TOGGLE SWITCHES, FUSED LINE, RESISTORS ETC.
FOR RACK MTG. 19x8 1/2 x 7; WT: 35 LBS. \$19.95
PRICE: UNUSED \$19.95

CHIEF'S TEST SET



BE-70 WIRE CHIEFS TELEPHONE SWITCHBOARD TEST SET. PROVIDES A MEANS OF LOCATING PRACTICALLY ALL FAULTS COMMON TO MAGNETO AND COMMON BATTERY TELEPHONE EXCHANGES. TEST CAN BE MADE IN A SIMPLE MANNER FOR GROUNDS, SHORTS, OPENS, CROSSES AND BAD JOINTS
UNIT CONTAINS A WESTON MODEL 24, 7 INCH, 100,000 OHM VOLTMETER, 0-40 DC SCALE, HAND CRANK GENERATOR SWITCHES ETC.
SIZE: 12x18x9; WT: 32 LBS. \$18.95 RE-NEW

FAIR RADIO SALES

2133 ELIDA ROAD

Route 30 South -- West of Lima
BOX 1105, LIMA, OHIO 45802

TELEPHONE 226-6716
STORE HOURS

MONDAY THRU SATURDAY
9:00 A.M. TO 5:30 P.M.

TERMS

PRICES NET, F.O.B. LIMA, O.
SEND CASH, CHECK or MONEY
ORDER with PURCHASE ORDER

MINIMUM ORDER \$3.00. Orders
less than \$3.00 ADD \$.50
HANDLING CHARGE.

Include sufficient money
for shipping charges. (UNUSED
PAYMENTS RETURNED AT ONCE.)
Otherwise we will send ship-
ping charges collect.

C.O.D. ORDERS, SEND 25% of
PURCHASE WITH ORDER. BALANCE
will be COLLECTED UPON DEL-
ivery.

When writing for information
PLEASE state what specific
information you desire.

GENERAL ELECTRIC



A-C VOLT METER
TYPE AO-22 3 1/2" RD 0-15 SCALE
25-133 CYCLE \$2.95

D-C VOLT METER
TYPE DO-41 3 1/2" RD.
0-150 SCALE \$2.95

0-1.5 " " " \$2.95

D-C MILLIAMMETERS
TYPE DO-41 3 1/2" RD
0-200 OR 0-750 SCALE \$2.95
EACH

RF AMMETER
TYPE DO-44 3 1/2" RD.
0-20 SCALE \$3.95

TIME METER
MODEL 8KTBE 125 3 1/2" RD.
10/12 VOLTS 60 CYCLE \$6.95

DB METER 3 1/2" RD.
WEST. TYPE NC35
SCALE 10-0-6
USED \$3.95
UNUSED 4.95

SIZES INDICATED ARE FOR METER HOLE OPENING

AC AMPERES 25-125 CYC. 4" 0-200 scl CURRENT/TRAN. RATIO 40/1 BASIC F.S 5A	DC AMPERES 3 1/2" 0-300 scl UBE W/SMUNT 50 mv/200 A	RF MILLIAMP 2 1/2" 0-150 SCALE	MICRO-AMPS DC 0 - 200 3 1/2" F/STEEL PLATE WESTERN ELECT #167807 \$4.95
WEST#8055-2 STK#3F1002-4 \$5.95	WESTON-M-643 ORD#173030 \$6.95	SIMPSON MODEL 35 \$3.95	

DC AMPERES 2-3/4", 0-1sc 0-10 KILOVOLT SCALE REQ. 1 AMP. SHUNT. BASIC FS 1MA	DC VOLTS 2 1/2" 0-500 scl BASIC FS 500V RUGGEDIZED ALUMINUM PAN- EL ASSY.	MICROMHOS DYNAMIC MUTU- & 0-300 SCALE USED IN 1-177 TUBE CHECKER BASIC 0-1.4 MA.	DC MILLIAMPER 2-3/4" 0-15 & 0-300 SCALE USED EXT. SHUNT 0.35 OHM USED W/BC-669 VARIOUS MFG. STK#3F930-14 \$4.95
GE# KS-14346 TYPE#A268AY1 \$3.95	BURLINGTON STK#3F8C10-33 \$3.95	HICKOK#M547A STK#3F1350 \$4.95	

DC KILOVOLTS 2-3/4" 0-20 SCALE BASIC MOVE. FULL SCALE 1 MA. EXTERN AL SHUNT REQ. WEST#43524-2 \$2.95	D.C. AMPERES 0 - 200 2 1/2" METAL CASE BEEDE ELECT. # 3FK1100-11 \$2.95	AC VOLTS 400 CYCLE 2-3/4" 0-150 SCALE	MICRO-AMPS 100 - 100 1 1/2" DIA. 7/8" SINGLE HOLE MTG. INTERNATIONAL \$3.95
		WEST#29566N2 FED#7608430 \$2.95	

DC AMPERES 2-1/16" 0-120 SCALE EXTERNAL SHUNT REQ.	TUNING METER 2" TUNE FOR MAX. SCALE. 2 MA. RIGHT, 5 MA. LEFT. 5 OHM DC RES. USED IN RADIO COMPASS REC. #1-70 \$1.50	D-C MILLIAMP 3" SG. 0-50 SCALE 0-1 MA. BASIC GE TYPE#D053 #7764612PT6 \$2.95	MICROAMPERE 1 1/2" SQ. DC 500 MICRO- AMP FUL BCA DEJUR 112 MR15S500DCU \$3.95
AERO#C-120 NSD#R17A5730 \$1.95			

	WESTON METERS MODEL 610 0-25 A.C. AMPERES 4"x4 1/2" \$12.95
	" " 0-150 A.C. " 4"x4 1/2" 12.95



VOLTMETERS

0-150 AC	Round flush type for 2-1/8" hole, Bakelite case. Westinghouse type NA-33, 25 to 125 cycles. Signal Corps No. 3F8150-69	6.25
0-300 AC	3" round flush type, bakelite case, Simpson and General Electric Mfg. Signal Corps No. 3F8300-28	7.50
0-15 AC-DC	Voltmeter 2 1/2" RD. USED No. IS-122	2.95
0-30 DC	Round flush type, for 2 1/2" hole. General Electric Mfg. Model 85W53AAL. Stock No. 2DA7	5.75
0-300 DC	Round flush type, bakelite case, shielded, for 2 1/2" hole. Sun Mfg. Model 2AU346. Stock No. 159E-12	5.75

MILLIAMMETERS

50-0-50 DC	3" round flush type, bakelite case. Sangamo and Weston model 30L. Signal Corps No. 3F3327	6.25
0-500 DC	Milliamp. "2 1/2" RD USED No. IS-22	2.95
0-100 DC	3" round flush type, bakelite case. De-Jur model 310. Signal Corps No. 3F910-1	6.95
0-800 DC	3" round flush type, bakelite case, calib. for 1/8" steel panel. Signal Corps No. 3F980-2	6.95

R.F. METERS

0-8 RF	AMMETER 2 1/2" RD. USED No. IS-89	2.95
0-10 AMPS	2-3/4" flange, for 2 1/2" hole, bakelite case, Weston model 507, Signal Corps No. 3F1010-24	5.95
0-1 AMPS	3" round flush type, bakelite case, Triplett model 0341-T or Weston model 425. Signal Corps No. 3F1001-31	6.25
0-100 MA	For 2-1/8" hole, metal case. Calib. for 1/16" steel panel, with Thermo-couple. General Electric model AAN21, type DW-52. Signal Corps No. 3F912	5.50

AMMETERS

0-30 DC	3" round surface mounting. Roller-Smith type TDS. Signal Corps No. 3F1030-9	6.95
0-30 DC	2" round flush type, metal case. Hoyt Meter Co. No. H17-3, scale has marking for 12 volt and 6 volt. Signal Corps No. 3F1030-22	5.50
0-1.5 DC	Milliamp. Tube checker scale 2 1/2" flush mtg. P/O I-56A W.No. 685-2	2.95



BALLANTINE ELECTRONIC VOLTMETER
MODEL 300, FREQUENCY RANGE 10 TO 150,000 CYCLES, VOLTAGE RANGE 1 MILLIVOLT TO 100 VOLTS. INPUT IMPEDANCE 1/2 MEG. SHUNTED BY 30 MMFD. ACCURACY 2% TO 100 KC, 3% ABOVE 100 KC. ALSO DB SCALE MOUNTED ON 1 1/2" PANEL FOR RACK, CAN BE REMOVED FOR PORTABLE USE.
PRICE: \$99.50



SERVO-SCOPE BY SERVO CO.
MODEL 1100-C \$100.00



TECH. PHASE METER 100.00
CENTURY NEEDLE GALVANOMETER 210C55 20.00



CONTROL DEVICES VTVM PEAK INDICATOR 50.00



HEWLETT PACKARD POWER METER # 430B \$100.00
VTVM # 400C 125.00



RESISTANCE LIMIT BRIDGE
LABORATORY TEST UNIT THAT USES TWO 10,000 OHM 0.1 PERCENT RESISTORS AS 1:1 RATIO RESISTORS IN A WHEATSTONE-BRIDGE CIRCUIT. THE OUTPUT IS THEN FED INTO A VACUUM TUBE VOLTMETER CIRCUIT WITH THE METER 4 1/2" CALIBERATED IN DIRECT PERCENTAGE 20-0-20. WITH PRECISION WITHIN 1% THIS UNIT WILL CHECK ANY RESISTORS FROM 100 OHMS TO 1 MEGOHM. THIS IS DONE BY CONNECTING A RESISTOR OF KNOWN VALUE AND ACCURACY IN THE CIRCUIT AND THEN THE UNKNOWN RESISTORS ARE INSERTED IN THE TEST TERMINALS AND THE PERCENTAGE OF ERROR IS SHOWN ON THE METER, WESTON TYPE 643. RACK TYPE MOUNTING 5 1/2"x19". #T-301390 PRICE: \$34.50

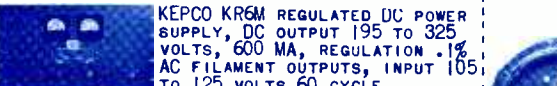
THE ABOVE UNIT CAN ALSO BE SUPPLIED IN A CABINET WITH A 3 1/2" PANEL THAT HAS TWO FIVE DECK 20 CONTACT ROTARY SWITCHES WIRED TO A TERMINAL DECK. PRICE: \$44.50

LAB TEST EQUIPMENT

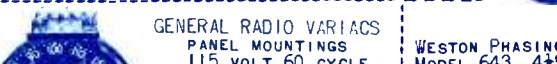
THIS IS ONE OF THE FINEST LOT OF LABORATORY TEST EQUIPMENT WE EVER HAD OCCASION TO BORRER. IT WAS ALL RECENTLY RECONDITIONED AND NOT USED SINCE.

WESTON #	TYPE	SCALE	PRICE
#433	A.C. VOLT METER	0-150	\$39.50
#932	A.C. VOLT/1000 OHM PER VOLT	0-3/15/75	49.50
#931	D.C. " "	0-30/150/300	49.50
		0-500	49.50

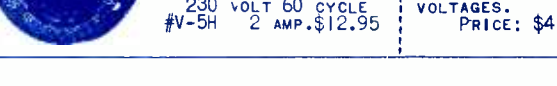
ALSO AVAILABLE AC & DC MA. VARIOUS SCALES



KEPCO KRG6 REGULATED DC POWER SUPPLY, DC OUTPUT 195 TO 325 VOLTS, 600 MA, REGULATION .1% AC FILAMENT OUTPUTS, INPUT 105 TO 125 VOLTS 60 CYCLE.
SIZE: 10"x19"x13 FOR RACK MTG. SHPG. WT: 100
PRICE: USED \$60.00



SHASTA 702A REGULATED DC POWER SUPPLY 0-150 & 600 VDC 200 MA. USED \$60.00



GENERAL RADIO VARIACS PANEL MOUNTINGS
115 VOLT 60 CYCLE
#200-B 1 AMP. \$6.95
#5 5 AMP (NO DIAL OR NUMBER PLATE) \$10.95
230 VOLT 60 CYCLE
#V-5H 2 AMP. \$12.95

WESTON PANEL METERS

D-C VOLT METERS	MODEL #301 3 1/2" RD
0-150 0-300	
0-200 0-350	
0-250 0-500	
	\$6.95 EACH.

D-C MILLIAMMETERS	MODEL #301 3 1/2" RD
0-50 0-200	
0-100 0-300	
	\$6.95 EACH.

A-C MILLIAMMETERS	MODEL #476 3 1/2" RD
0-100 0-250	
	\$6.95 EACH.

D-C VOLT METERS	MODEL #301 3 1/2" RD
300-0-300	
	\$6.95 EACH.

A-C VOLT METERS	MODEL #476 3 1/2" RD
0-10 0-150	
0-10 0-500	
	\$6.95 EACH.



WESTON PHASING METER MODEL 643, 4 1/2", 115 V 60 CYC & 5 V. USED TO SHOW PHASE RELATIONS BETWEEN TWO DIFFERENT VOLTAGES. PRICE: \$4.95

FM

TRANSMITTERS-RECEIVERS

AM



BC-604 TRANSMITTER USED \$4.95

FREQ. RANGE 20-27.9 MC OUTPUT APPROX. 30 WATT. 10 CRYSTAL CONTROLLED CHANNELS. FREQ. 54 TIME CRYSTAL FREQUENCY. 12 VOLT DC OPERATION WITH DM-35 DYNAMOTOR. 24 VOLT DC OPERATION WITH DM-37 DYNAMOTOR. BATTERY DRAIN 20A. ON 12 VOLT TUBE LINEUP; 1619 DOUBLER, 1619 TRIPLER, 1619 1ST RF AMPLIFIER, 1619 RF RECTIFIER, 1624 POWER AMPLIFIER. SIZE: 18" L x 11 1/2" H x 10 3/8" D. WT: 60 LBS. LESS DYNAMOTOR. RE-NEW \$7.95

BC-684 TRANSMITTER SAME AS BC-604 FREQUENCY RANGE 27 TO 39.1 MC USED \$6.95

BC-924 TRANSMITTER New \$ 12.95 Used 8.95



FREQ. RANGE 27 TO 39.1 MC. 12 VOLT DC OPERATION. VOLTAGE REGULATED M.O. CIRCUIT. SLUG TUNED COILS HI AND LOW OUTPUT SWITCH. 30 WATT OUTPUT ON HI POSITION. CONTAINS INTERPHONE AMPLIFIER. SCHEMATIC ENCLOSED IN CABINET. TUBE LINEUP: 6S17 OSCILLATOR, 6J5 MODULATOR, 6S17 BUFFER, 6AG7 AMPLIFIER, 815 DOUBLER, 815 FINAL, 7SL7 1ST AUDIO, 6V6 2ND AUDIO. VR150 VOLTAGE REGULATOR. VOLTAGE REQUIRED 12 OR 24 VDC AND 400 VDC @ 400 MA. SIZE: 18" L x 11 1/2" H x 10 3/8" D. WT: 52 LBS

FT-237 MOUNTING BASE RE-NEW \$7.95

SHOCK MOUNT BASE TO HOLD ONE BC-924 TRANSMITTER AND ONE OR TWO BC-923 RECEIVER OR, ONE BC-603 RECEIVER. SOCKETS ON THE BASE WILL MAKE ALL OF THE NECESSARY CONNECTIONS TO THE SETS. TERMINAL BLOCK MOUNTED ON THE BASE FOR REMOTE CONTROL CABLE. WT: 44 LBS SIZE: 11 3/4" W x 1 3/4" H x 33 5/8" L.

R-48/TRC-8 RECEIVER

R-48/TRC-8 RECEIVER F.M 230 TO 250 MC. ONE BAND VARIABLE TUNING, SPEAKER PHONE JACKS, SQUELCH CIRCUIT. WITH TUBES 8/6AG7, 1/9002, 1/5U4, 1/6V6 1/VR-150, 1/6N7, 1/6SN7, 1/6AL7. OPERATES FROM 115 VOLT 60 CYCLE. SIZE: 20x19x16; WT: 75 LBS.

PRICE: USED LESS METER \$19.95 WITH METER \$22.95

F-M RECEIVER 152-172 MC

R-394 FM RECEIVER 152 TO 174 MC, ONE CHANNEL CRYSTAL CONTROL ON ANY FREQ. IN THE RANGE. FREQUENCY DEVIATION 15 KC. AUTOMATIC GAIN & SQUELCH CIRCUITS. I.F. FREQ. 78 & 4.5 KC. UNITIZED PLUG IN UNIT. COMPLETE WITH 22 TUBES 14/5687, 1/5840, 1/5783, 1/5672, & 1/6AK6. (THIS REC. DOES NOT HAVE A CONTROL PANEL. THE TCS CONTROL BOX LISTED BELOW CAN BE MODIFIED FOR USE WITH THIS SET AND WE FURNISH INSTRUCTIONS. THE VIBRATOR POWER SUPPLY IS INSIDE THE UNIT AND YOU CAN HAVE YOUR CHOICE OF 6, 12 OR 24 VOLT SUPPLY. SPECIFY WHEN ORDERING. SIZE: 5 1/2 x 8 1/4; WT: 33 LB. PRICE USED: WITH POWER SUPPLY... \$49.50 LESS " " ... 45.00 PLUG TO FIT FRONT END OF RECEIVER \$1.50



ARB RECEIVER LESS LARGE VARIABLE TUNING CAPACITOR. (THIS IS THE WAY WE RECEIVED THEM FROM THE NAV IF WE HAD THEM WE WOULD PUT THEM IN

THIS SET WAS FOUR BAND 190 TO 9050 KC. 6TUBE SUPERHET. USING 1/12SA7, 1/12A6 & 4/12SF7, 24 VOLT DYNAMOTOR W/OUTPUT 260 V 70 MA. AND BAND CHANGE MOTOR. SIZE 8x7x16; WT: 28 LBS. PRICES: LESS VAR. CONDENSER TUBES & DYN. \$3. " " " W/ " " " 4. " " " W/ " " " 5. " " " W/ " " " 4.

DU-1 LOOP FOR ARB RECEIVER OR RU SET USED AS DIRECTION FINDER IN THE 200 TO 1600 KC RANGE. OPERATING VOLTAGE IS SUPPLIED BY THE RECEIVER. SIZE: 17x12x12; WT: 10 LB. \$18.95 ARB CONTROL BOX OR CONTROL HEAD \$2.00 ARB & DU-1 CONNECTOR PLUGS \$1.00

PE-120 POWER SUPPLY

VIBRATOR TYPE FOR USE WITH BC-620 OR BC-659, FASTENS TO BOTTOM OF SET, SAME AS PE-117 SHOWN ABOVE. OPERATES FROM 6, 12, OR 24 VDC. SUPPLIED WITH 12 VOLT VIBRATOR ONLY. SIZE 4 1/2" x 1 3/4" x 1 5/8". WT. 30 LBS. PRICE RE-NEW... \$7.95

FT-250 SHOCK-MOUNTING BASE FOR HOLDING BC-620 BC-659, PE-120, OR PE-117, SINGLE OR STACKED. SIZE 4 1/2" x 1 1/2" x 20. WT. 1 1/2 LBS. PRICE RE-NEW... \$4.95

CS-79 BATTERY CASE FOR BC-620 OR BC-659 SAME SIZE AS PE-120 WITH CABLE & PLUG FOR CONNECTING TO SET. WT: 12 LBS. PRICE: NEW \$1.95

CS-137 CRYSTAL CASE FOR FT-243 HOLDERS, BUILT IN TWO COMPARTMENTS, HINGED IN THE MIDDLE, SLIDE CATCHES AND CARRING HANDLE. HOLDS 120 CRYSTALS. SIZE: 4 1/2" x 4 3/4" x 1 1/2". WT: 8 LBS PRICE: NEW \$1.95

SONO-BUOY RECEIVER

R-156/ARR-16 FM RECEIVER USED TO RECEIVE SIGNALS FROM SONO-BUOYS IN THE FREQ. RANGE OF 62.8 TO 72.1 MC. BY USE OF THE TUNEABLE DIAL, WHICH IS VERNIER TYPE WITH COARSE AND FINE TUNING. ALSO HAS TWO AUDIO LEVEL CONTROLS, SCALE EXPANDER, PILOT LIGHT DIMMER, HEADSET JACKS ETC. IF FREQ. 8 MC. COMPLETE WITH 24 VOLT DYNAMOTOR, TUBES 5/6AK5, 2/12SG7, 3/12SH7, 1/12H6, 1/12A6, 1/VR-150, 1/12SN7 & BAL-LAST TUBE. (SEE PAGE 23 FOR SONO-BUOY TRANS.) SIZE: 10 1/2 x 8 x 17; WT: 27 LBS. POWER PLUG \$1.50 PRICE: USED \$16.95

FM RECEIVER

BC-617 FM RECEIVER & SELECTOR FREQUENCY COVERAGE 30 TO 40 MC. 10 CHANNEL TONE SELECTOR THAT ACTUATES RELAY CIRCUITS. COAXIAL ANTENNA INPUT, SQUELCH CIRCUIT, AUDIO CONTROL OUTPUT JACK ETC. COMPLETE WITH TUBES 9/12SN7, 1/12H6, 1/12SA7, 2/12SJ7, 3/12SK7 & 1/VR 105 AND 24 VOLT DYNAMOTOR. SIZE: 11x8x20; WT: 35 LBS. PRICE: UNUSED \$24.50

TRANSMITTER

T-14/TRC-1 FM TRANSMITTER. 40 WATT, CRYSTAL CONTROL, ONE CHANNEL, COVERING THE FREQ OF 70-100 MC WITH 30KC PHASE SHIFT FREQ. DEVIATION WHEN MODULATED BY A 250 TO 12000 CYCLE AUDIO SIGNAL. OPERATES FROM 115/230 VOLT 60CY HAS 2 1/2" METER FOR MEASURING VOLTAGES OF THE DIFFERENT STAGES AND COMES COMPLETE WITH TUBE 1/829, 4/6V6, 1/6SL7, 1/6SN7, 2/6AC7, 1/816 & 1/5R4 SIZE: 16 1/2 x 10 x 12; WT: 65 LBS. PRICE USED: \$24.95

COMPASS SYSTEM



REMOTE READING MAGNESYN COMPASS SYSTEM, MARINE TYPE. CONSISTS OF A MAGNESYN COMPASS THAT TRANSMITS TO A 3" INDICATOR THAT IS CALIBRATED IN DEGREES --- N-S-E-W AND IS OPERATED BY THE 12 VOLT D.C. INVERTER THAT IS SUPPLIED WITH THE SET. SHPG. WT: 15 LBS. PRICE WITH TRANSMITTER, INDICATOR, INVERTER AND MANUAL... USED \$22.95

LINK MODEL 11 UF, CRYSTAL CONTROL SINGLE CHANNEL, SQUELCH CIRCUIT OUTPUT PHONE JACK W/ TUBES 2/6H6, 3/6AC7, 1/6V6, 1/6SJ7, 1/6K8, 1/6SH7, 1/6SL7. NO POWER SUPPLY, REQUIRE 220-250 VDC 80 MA. FOR HV & 6 VDC FOR FILAMENT 13x7 1/2 x 8 1/2; WT: 23 LBS. USED \$19.95

Look, Look, Look

BC-779 SUPER PRO RECEIVER, 100 TO 400 KC. & 2.5-20 MC. RACK MTD. NO POWER SUPPLY. USED CHECKED \$89.50 NOT CHECKED \$75.00 RA-94 POWER SUPPLY F/ BC-779 CHECKED 22.95

CARRIER MONITOR

WHEN COUPLED TO TRANSMISSION LINE PROVIDES DC/AUDIO CURRENT TO LOCAL OR REMOTE POSITION. TWO VACUUM CAPACITORS 3 MMFD 15 KV. ARE SUPPLIED FOR 500 TO 50M WATT TRANSMITTER 2 TO 30 MC. INPUT/OUTPUT IMPEDANCE 600 OHM-LINE. OPERATES 115/230 V 60 CYC. WITH TUBES 1/6AL5, 1/6X4, 1/6J6, 1/VI03. ALSO OUTPUT JACKS ETC. OUTPUT JACKS & CONTROLS. P/N 1028017; SIZE: 6X6X8 1/2; WT: 15 LBS. PRICE: UNUSED \$8.95 LESS 2 VACUUM COND. \$5.95

BC 1158 TRANSMITTER

BC-1158 RADIO TRANSMITTER & MODULATOR 50 WATT R.F. DOUBLER, AMPLIFIER AND MODULATOR SECTIONS, A.M 53.3 TO 95 MC. COMPLETE WITH 4/815 & 10/12SN7 TUBES. CRYSTAL CONTROL OR ANY ONE SINGLE CHANNEL. USED IN AIRCRAFT FOR REMOTE CONTROL OF RECEIVERS R-150 & R-174 SHOWN ON PAGE 14. VOLTAGE REQUIRED 24 VDC & 400 VDC @ 400 MA. (FOR CONVERSION TO 6 METERS SEE CQ MAGAZINE JAN. '57) SIZE: 8 1/2 x 16 1/2 x 16 1/2; WT: 32 LBS. PRICE: NEW \$34.50

TCS REMOTE CONTROL UNIT TYPE 23270. CONTAINS ALL NECESSARY COMPONENTS FOR CONTROL OF RECEIVER AND TRANSMITTER SUCH AS ON/OFF SWITCHES, MIC. AND PHONE JACKS, VOLUME CONTROL PLUS A HEAVY MAGNET PM 5" SPEAKER & 9 PIN OUTPUT PLUG THAT FITS THE 20 FT. CABLE LISTED BELOW. SIZE: 3 1/2 x 5 1/2 x 7 1/2; WT: 7 LBS. (WILL MAKE A GOOD CONTROL UNIT FOR ANY SET. PRICE RE-NEW: \$9.95

AM-26/AIC

AUDIO AMPLIFIER USED IN AIRCRAFT FOR INTER-COMMUNICATION. CARBON MICROPHONE INPUT, HIGH & LOW IMPEDANCE OUTPUT WITH VOLUME CONTROL. NORMALLY OPERATES FROM 24 VOLTS DC FOR FILAMENTS AND 250 VOLTS DC 60 MA. FOR B THAT WAS SUPPLIED BY A DM-32 DYNAMOTOR THAT WAS MOUNTED ON THE BACK. COMPLETE WITH TUBES 2/12J5 & 2/12AC. FOR CONVERSION TO 9 WATT AMPLIFIER SEE SURPLUS CONVERSION MANUAL #2 PRICED AT \$3.00 SIZE: 9 1/2 x 5 1/2 x 3 1/2; WT: 6 1/2 LBS. USED \$3.95

SCR 274-N ARC-5

COMMAND RECEIVERS—TRANSMITTERS

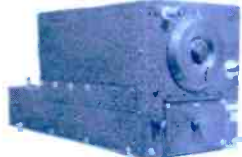
The COMMAND SET series of transmitters and receivers are the most popular surplus items on the market to-day.

The series consist of several units covering the frequency range of 190 KC to 9.1 MC for the receivers and 2.1 to 9.1 MC for the transmitters.

For those of you who are not familiar with this equipment and would like to know more about it we suggest that you purchase COMMAND SETS MANUAL for \$1.50. This book has 135 pages of conversion information including power supplies, schematics etc.

RECEIVERS

The receivers are six tube superhets using the following tubes, 1/12A6, 2/12K8Y, 3/12SK7 & 1/12SR7. Designed to operate from 24 VDC dynamotor, which mounted on the rear of the set, supplying 250 VDC 60 MA. Size of set 5 x 5 x 11 WT. 6 lbs.



BC-453/R-23 190 to 550 KC used \$12.95
 BC-946/R-24 520 to 1500 KC no stock
 /R-25 1.5 to 3.0 MC New \$19.95
 BC-454 3.0 to 6.9 MC New \$19.95
 BC-455/R-27 8 to 9.1 MC \$11.95 used

TRANSMITTERS

The transmitters with proper use can put out 50 watts or CW and watts on voice, with the use of the BC-456 modulator which is a separate unit. Dynamotor used with equipment is a DM-33 24 VDC input output 575 VDC 175 MA & mounts on the modulator. Tubes used 2/1625, 1/1626 & 1/1629 magic eye tube for crystal calibration Size 5 x 7 x 12 WT. 9 Lbs



T-17/ARC 1.3 to 2.1 MC NEW \$14.95
 T-18/ARC 2.1 to 3 MC NEW 8.95
 T-19/ARC 3 to 4 MC used 9.95
 T-20/ARC 4 to 5.3 MC NEW 8.95
 T-21/ARC 5.3 to 7. MC NEW 9.95
 T-22/ARC 7. to 9.1 MC new 14.95
 T-23/ARC 100 to 156 MC used 18.95

BC-456 MODULATOR AND DYNAMOTOR MOUNTING. USED WITH COMMAND TRANSMITTER COMPLETE WITH TUBES 1/1625 1/12J5, VR-150. SIZE: 7x8x10; WT: 10 PRICE: USED \$2.95

AC 115 VOLT 60 CYCLE POWER SUPPLY FOR COMMAND RECEIVERS WITH SPEAKER, VOLUME CONTROL, CW, CONNECTOR PLUG ETC. (SEE PAGE 20) \$18.95

35x032 DYNAMOTOR 12 VOLT. \$ 4.95
 DM-32 " 24 V. U. \$2.95 N 4.95
 SPIN TUNING KNOB FOR REC. 1.00
 CONNECTOR PLUGS F/REC-TRANS. 1.50

C-26/ARC CONTROL Box 1 Rec. U.I. 50
 BC-496 " " 2 " NI. 95
 BC-451 " " 1 TRA. U.I. 50

AMPLIFIER

AM203B/ARA-19 AMPLIFIER; PART OF REMOTE COMPASS TUNING SYSTEM AS USED WITH ARN-6 RADIO COMPASS. PROVIDES AN ACCURATE MEANS OF TUNING ELECTRICALLY. WITH 2/26A7 TUBES 1/12SN7 TUBE. OPERATES FROM 24 VOLT D.C. ALSO HAS 3 SEALED RELAYS, COND. RES. ETC. SIZE: 5x6x4; WT: 5 LBS. RE-NEW \$3.95



DRIVER

SONAR DRIVER BY RCA, 17 TO 26 KC. C.W, F.M EMISSION, 1 BAND 400 WATTS. INPUT 440 VOLT 60 CYCLE 3 PHASE, TRANSFORMER CAN BE REMOVED FOR 1 PHASE. USES 6/866 2/803, 1/801 TUBES. NAVY # CRV52329. SIZE: 17x48x24; WT: 450 LBS. PRICE: WITH TUBES \$69.50 LESS " 49.50



BC-1335

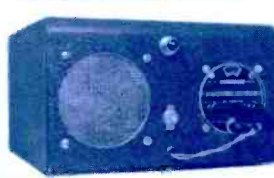
F-M RECEIVER TRANSMITTER

CRYSTAL CONTROL ON ANY TWO PRE-SET FREQ. IN THE 27 TO 38 MC. BAND USING FT-243 CRYSTAL HOLDER APPROX. 2 WATTS OUTPUT. VIBRATOR TYPE POWER SUPPLY THAT OPERATES FROM 6 OR 12 VOLTS DC. USES 18 TUBES, 7/1L4, 2/1R5, 5/3A5, 2/3C4, 1/1A3 & 1/6AF6G. THESE SETS ARE USED AND SOLD AS IS. LESS TUBES AND VIBRATOR. THEY WILL REQUIRE SOME WORK. SIZE: 13x12x6; WT: 30 LBS. USED \$6.95

RT-19/ARC-4 TRANSMITTER RECEIVER

AMPLITUDE MODULATED SET COVERING THE FREQ. OF 140 TO 144 MC FOUR CHANNEL CRYSTAL CONTROL, OUTPUT 10 WATTS. WITH TRANSMITTER TUBES 2/6L6, 1/832, 2/1614 2/6V6, 4/6N7, 2/6AC7, 3/12SJ7, 2/12A6 & 2/12SQ7. VOLTAGE REQUIRED 325 VDC @ 255MA. & 12.6 @ 5.3A OR 24 @ 2.7A. SET USUALLY OPERATES FROM A 12 OR 24 VOLT DYNAMOTOR WHICH CAN BE PURCHASED SEPARATELY. CONVERSION FOR TWO METERS CAN BE FOUND IN SURPLUS CONVERSION MANUAL, PRICED AT \$3.00. (USED) SIZE 10x8x20; WT: 20 LBS. TRANS-REC. U. \$22.95 DY-10 DYNAMOTOR 12 OR 24 VOLT USED \$14.95 DY-9 " " " " " " \$9.95

AC BEACON RANGE RECEIVER



BC1206-C BEACON RECEIVER



BC-1206 AIRCRAFT BEACON RECEIVER 200 TO 400 KC. OPERATES FROM 24 VDC 1.5 AMPS. 135 KC IF. COMPLETE WITH TUBES 2/14H7, 1/14J7, 1/14R7 & 1/28D7. CONTINUOUS TUNING, VOLUME CONTROL, ON/OFF SW. & PHONE JACK. SIZE: 4x4x6. WT: 5 LBS. SHOWN TO RIGHT. PRICE: USED CHECKED FOR OPERATION \$9.95 REC. ONLY

AC BEACON RANGE RECEIVER IN CABINET WITH 115 VOLT 60 CYCLE POWER SUPPLY & 4" PM SPEAKER, READY TO OPERATE. SIZE: 10x6x6; WT: 18 LBS. PRICE, COMPLETE WITH NEW CABINET & POWER SUPPLY AND USED RECEIVER CHECKED... \$29.95 SAME AS ABOVE, LESS RECEIVER.. 18.95

POWER SUPPLY ONLY, 115 VOLT 60 CYCLE OPERATION OUTPUT 24 VOLTS DC 1.5 AMPS. MOUNTED ON METAL CHASSIS 6x5x7; WT: 5LBS. KIT... \$7.00 WIRED \$9.95

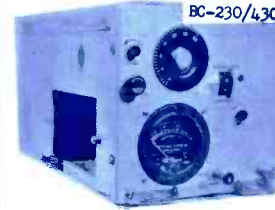


R-4/ARR-2 RECEIVER 234-258 MC. 11 TUBE AIRCRAFT UNIT FOR RECEPTION OF DOUBLE AMPLITUDE MODULATED CARRIER OPERATES FROM 24 VDC & 250 VDC 60 MA. COMPLETE WITH TUBES 3/6AK5, 7/9001 & 1/12 A6. SIZE: 5x5x11, WT: 6 LBS PRICE: RE-COND. \$6.95



COMMAND SET RACKS & FLEXIBLE SHAFT
 FT-234 HOLDS ONE TRANSMITTER \$1.50
 FT-226 " TWO " 2.00
 FT-331 " FOUR " 3.00
 FT-233 " ONE RECEIVER 2.00
 MT-63/ARC " TWO " 1.50
 FT-200 " THREE " 2.00
 FT-225 " ONE MODULATOR 1.50
 MC-215 FLEXIBLE SHAFT AP. 6' 1.50 MORE THAN 6' EA. EX. FT.25

TRANSMITTERS - RECEIVERS



BC-230/430 TRANSMITTER

Transmitter approx. 10 watts Voice and 20 watts CW in the frequency range of 3000 to 7700 KC by use of plug in coils. Uses tubes 2/10Y, 2/45. Output meter 2" 0 to 1.5 RF. MO control on front panel. Voltage required approx 300 VDC for plates & 12VDC for BC-230 & 24 VDC for BC-430. Size 13x8x7". WT. 10 1/2 lbs.

Price with tubes, plug in coils & schematic, USED \$8.95

BC-229/429 RECEIVER

Receiver TRF, uses plug in coils to cover the frequency range of 201 to 398 & 2500 to 7700 KC. Six tubes 1/37, 1/38, 4/39. Voltage required 220 VDC to 275 VDC 80 MA. & 12 VDC for BC-229 & 24VDC for BC-429. Size 16 x 8 x 7. WT 12 lbs. Price with tubes, plug in coils & schematic, used \$8.95

BD-83 Dynamotor 12 VDC to operate Rec & Trans. Unused \$6.95

ADDITIONAL EQUIPMENT

Control Box BC-231 F/ receiver or BC-232 F/ trans. each \$1.00
 Connector plugs for rec, trans., dynamotor or boxes, " \$1.00
 Schematic showing rec, trans, boxes etc. \$1.00
 Tuning knob for Receiver local control \$1.00
 Remote tuning head for receiver \$2.00
 Remote tuning shaft for receiver, specify length \$1.50
 Separate coils for receiver, specify frequency coverage \$1.75
 Dual coil 201-398 & 2500-4700 or 4700-7700 each.
 Separate coils for transmitter, specify frequency coverage. \$1.75
 2500-3200, 3200-4000, 4000-5000, 5000-6200, 6200-7700.
 Mountings for Rec., Trans, Dyn., Each mounting \$1.50

BC-375 TRANSMITTER BC-191

TRANSMITTER AM 100 Watt CW - MCW - Voice, Frequency coverage 200 - 500 KC & 1500 - 12,500 KC. by use of plug in tuning units listed below. Tube line up 1/10Y & 4/VT-4C (211). Complete with tubes, less tuning units. Requires 12VDC for BC-191 & 24 VDC for BC-375 filaments & relay. 1000 VDC 350 MA. plates. Meters 2" for reading 0-8 RF, 0-500 MA, & 0-15 DC. With schematics.



BC-191 F/12 VOLT OR BC-375 F/24 VOLT UNUSED \$34.95

TUNING UNITS for BC-191 & BC-375

	USED	NEW	
TU-5 1.5 to 3 MC	\$ N.S	\$5.95	
TU-6 3 to 4.5 MC	3.95	5.95	
TU-7 4.5 to 6.2 MC	3.95	5.95	
TU-8 6.2 to 7.7 MC	3.95	5.95	
TU-9 7.7 to 10 MC	3.95	5.95	
TU-10 10 to 12.5 MC	3.95	5.95	
TU-26 200 to 500 KC	3.95	5.95	
BC-306 Antenna Tuner	N.S	5.95	
Price of tuning units less case. With case \$1.00 additional.			
Dynamotors BD-77/12 Volt; PE-73/24 Volt, Used \$12.95			

PLUGS for transmitter or dynamotor; each plug \$1.00
 Cables with PL-61, PL-64 or PL-59 ea end. Each cable \$2.75

AMPLIFIER

AM-142/AIC MIXER AMPLIFIER USED IN LARGE AIRCRAFT INTER-COMMUNICATION SYSTEMS AS A AUDIO LINE MIXER AND BOOSTER. INPUT IMPEDANCE 500 OHM, OUTPUT 600 OHM. OPERATES FROM 24 VOLTS DC AND IS COMPLETE WITH ONE 26A7 TUBE AND SCHEMATIC. SIZE: 5x5x2; WT: 2 1/2 LBS. USED \$1.25

R-443/ARN-5D GLIDE PATH RECEIVER

USED IN AIRCRAFT TO RECEIVE A MODULATED SIGNAL 90 & 150 CYC ON 332.6, 333.8 MC. OPERATES FROM 24 VDC. COMPLETE WITH TUBES 7/6AJ5, 2/12SN7 & 1/28D7 SIZE: 5x6x11; WT: 12 LBS. PRICE: USED \$7.95 (NO CRYSTALS)



R-268/ARN-5 USED \$6.95..R-89/ARN-5 USED \$5.95

SCR-522 RADIO SET

100-156 MC

RECEIVER-TRANSMITTER AM, FOUR CHANNEL, CRYSTAL CONTROL, 30 WATT OUTPUT, 18 TUBES AS FOLLOWS: TRANSMITTER, 1/6SS7, 2/832, 3/12A6, 1/6G6. RECEIVER: 1/9002, 1/9003, 3/12A6, 1/12C6, 2/12AH7, 1/12H6 & 3/12SG7. BOTH UNITS CAN BE REMOVED FROM CASE SEPARATELY. OVERALL SIZE: 16 1/2 x 12 1/2 x 10-3/4" WT: 49 LBS. PRICE: USED \$29.95



RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE: USED WITH TUBES \$14.95 NO TUBES \$7.95

RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED, WITH TUBES \$14.95 NO TUBES \$7.95

TRANSMITTER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED WITH TUBES \$18.95 NO TUBES \$7.95

BC-602 CHANNEL SELECTOR CONTROL BOX WITH PUSH BUTTONS. BC-602B USED \$1.95 BC-602D NEW \$2.95

NOTE: FOR THE MICROPHONE & PHONE CIRCUITS JACKS CAN BE INSTALLED IN THE BC-602

JB-29 JUNCTION BOX NEW \$2.95
AN-104 ANTENNA, METAL COVERED WOOD NEW 1.95
PE-98 DYNAMOTOR 12 VOLT USED 9.95
PE-94 " 24 " " 4.95

PLUGS REQUIRED FOR THE EQUIPMENT

SCR-522 RECEIVER-TRANSMITTER REQUIRES THE FOLLOWING PLUGS, PL-173 TO ANTENNA, PL-169 TO DYNAMOTOR, PL-170 TO JB-29 JUNCTION BOX. \$1.50 EACH

BC-602 CONTROL BOX, REQUIRES FOLLOWING PLUGS, PL-169 TO JUNCTION BOX. \$1.50 EA.

PE-98 OR PE-94 DYNAMOTOR REQUIRES FOLLOWING PLUGS, PL-172 TO BATTERY, PL-171 TO RECEIVER-TRANSMITTER. \$1.50 EA.

JB-29 JUNCTION BOX, REQUIRES THE FOLLOWING PLUGS, PL-170 TO RECEIVER-TRANSMITTER, PL-169 TO BC-602 CONTROL BOX. \$1.50 EA.

RA-62 AC POWER SUPPLY FOR SCR-522, OPERATES FROM 115/230 VOLTS 60 CYCLE, SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION. SIZE: 16x11x11; WT: 75 LBS. PRICE USED \$59.50 REQUIRES PL-171 PLUG FOR HOOK-UP TO REC-TRANS PRICE \$1.50. AC LINE CORD DETACABLE TYPE \$1.00

BC-733 RECEIVER 108.3-110.3 MC AM



AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-POINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY. OPERATES ON SIX CRYSTAL CONTROL PRESET FREQ. COMPLETE WITH TEN TUBES: 1/12AH7, 2/12SG7, 3/717, 2/12SR7, 1/12SQ7 & 1/12A6. VOLTAGE REQUIRED: 24 VDC & 220 VDC 80 MA. WITH SCHEMATIC. SIZE: 13x5x7 WT: 17 LBS.

PRICE: USED \$5.95

1-101C CROSS POINT INDICATOR, USED \$1.95
PL-257 PLUG TO FIT 1-101C 1.50

BC-732 CONTROL BOX USED \$1.95 NEW \$2.95
CABLE WITH PL-254 TO FIT BC-733 REC. AND PL-256 PLUG TO FIT BC-732 CONTROL BOX 3 FT. PRICE: \$4.95 PLUGS ONLY 1.50
PRICE: \$4.95 PLUGS ONLY \$1.50 EA.

DM-53 DYNAMOTOR 24 VOLT USED \$4.95 NEW \$6.95
DM-53 AZ " 12 " " NEW 7.95
AS-27 RAMS HORN ANTENNA \$5.95
PL-284 TWIN COAX PLUG F/BC-733-AS-27 1.00

R-65/APN 9

RECEIVER INDICATOR

LORAN SYSTEM AS USED ON BOATS AND IN AIRCRAFT. PROVIDES ACCURATE MEANS OF DETERMINING POSITION FROM FIXED TRANSMITTING STATIONS WHEN DESIRED AND OTHER MEANS ARE INEFFECTIVE. CONSISTS OF A RECEIVER, OPERATING IN THE MARINE BAND, AND INDICATOR USING A 3" CATHODE RAY TUBE FOR PRESENTATION OF THE RECEIVED SIGNALS. OPERATES FROM 24 VDC & 800 CYCLES. SIZE: 9x12x30 1/2" WT: 36 LBS. PRICE; USED, LESS TUBES & LENS..... \$19.95
" " WITH " " 49.50



ARC-3 100-156 MC



R-77/ARC-3 VHF AIRCRAFT TYPE AM RECEIVER, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 9001, 9002, 12A6, 12H6, 12SH7, 2/12SN7, 3/12SG7 & 6/6AK5. VOLTAGE REQUIRED 24 VDC & 210 VDC 125 MA. SIZE: 11x7x15. WT: 2 LBS. W/SCHEMATIC PRICE: USED WITH TUBES CONNECTOR FRONT OF SET \$22.50

T-67/ARC-3 VHF AIRCRAFT TYPE TRANSMITTER AM, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE, WITH TUBES 2/832, 2/6L6, 1/6J5, 3/6V6 & 1/12SH7. VOLTAGE REQUIRED 24 VDC & 410 VDC 325 MA. SIZE: 15x7x12 1/2. WT: 21 LBS.



PRICE: USED WITH TUBES..... \$22.95
CONNECTOR FRONT OF SET \$2.50

JB-68 JUNCTION BOX FOR ARC-3 RADIO SET USED TO MOUNT DYNAMOTORS DY-22 FOR REC & DY-21 FOR TRANS. ALSO HAS CONNECTOR PLUGS TO HOOK UP REC, TRANS, CONTROL BOX & POWER, & RELAYS. SIZE: 10x3x8 1/2. WT: 7 LBS. PRICE USED..... \$7.95

CONNECTOR PLUG FOR EACH FACILITY \$2.50 EACH

C-118/ARC-3 CONTROL BOX FOR RECEIVER AND TRANSMITTER. HAS EIGHT PUSH BUTTONS FOR CHANNEL SELECTION AND ONE FOR OFF. SIZE: 6x3x7 WT: 2 LBS. PRICE: \$4.95
CONNECTOR PLUG U-16/U 2.50



IE-36 TEST SET FOR SCR-522 REPRODUCES THE OPERATING FUNCTIONS OF THE CONTROL BOX & JACK BOXES OF THE RADIO BY PROVIDING HEADPHONE & MICROPHONE, CHANNEL SELECTION PLUS ALL OTHER CONTROLS NECESSARY TO OPERATION AND TESTING.

CONTROL UNIT BC-1303 PLUGS DIRECTLY INTO THE SCR-522 ALSO HAS PHANTOM ANTENNA & CORD, LAMP EXTRACTOR, ADAPTER PHONE CORD, INSTRUCTION BOOK AND CARRING CASE, 10x10x4; WT: 8 LBS. PRICE: NEW \$6.95

SCR-522 CABLES WITH PLUG ON ONE END AND LUG TERMINALS ON THE OTHER. EACH CABLE \$2.95
CX-58/VRC-1 PLQ-170 PLUG & LUGS, 36" LONG.
CX-60/VRC-1 PL-169 " " " 36" " "
CX-62/VRC-1 PL-172 " " " 66" " "

TRANSCIEVER

BC-745 AM TRANSMITTER-RECEIVER COVERING THE FREQ. RANGE OF 2-6 MC PHONE, WITH A RANGE OF FIVE MILES UNDER FAVORABLE CONDITIONS. CRYSTAL CONTROL ON TWO PRESELECTED FREQ. BY USE OF PLUG IN COIL & CRYSTAL ASSY. BC-746. THE SET SIZE IS 6X6X6 AND IS MOUNTED ON A 32" STAFF AND HOUSES THE TELESCOPING ANTENNA WHEN NOT IN USE. COMPLETE WITH TUBES, 1/1S5, 3/1T4 & 5/3S4 & ONE PLUG IN FREQ. ASSY. VOLTAGE REQUIRED 1.5 VDC, 5 A, 67.5 VDC/20 MA & 105-125 VDC/50 MA. WT: 10 LB. PRICE: USED, \$14.95 UNUSED \$19.95



BC-746 PLUG IN COILS & CRYSTAL ASSEMBLIES CHANNEL #1 3010 Kc CHANNEL #12 5030 Kc CHANNEL #5 5500 Kc CHANNEL #13 5305 Kc ONE OF THE ABOVE SUPPLIED WITH PURCHASE OF SET, ADDITIONAL UNITS \$1.95 EA.

T-39 CHEST UNIT THAT WAS USED TO CARRY DRY CELL BATTERIES, ALSO HAS MICROPHONE, PHONE JACK AND NECESSARY CABLE FOR CONNECTING TO RADIO SET. PRICE: USED, \$3.95 UNUSED \$5.95

PE-157 VIBRATOR POWER SUPPLY; OPERATES FROM 2 VOLT WET BATTERY BB-54 WHICH IS INSTALLED INSIDE THE CASE THAT SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION OF THE RADIO SET ALSO HAS 4" PM SPEAKER, CARRING HANDLE AND CABLE FOR CONNECTING TO SET. SIZE: 11x5x8 1/2 WT 17 PRICE: USED NO SPEAKER \$10.95 WITH SPK. \$12.95
" " " " 12.95 " " 14.95



MN-40 INDICATOR 0-360 DEGREE SCALE 5" WITH VAR. ADJUSTMENT. SAME AS I-82 INDICATOR ONLY OPERATES MECHANICALLY INSTEAD ELECT BY USE OF SPLINED CONNECTORS AS USED ON MC-124 SHAFT. \$3.95

CONTROL BOXES MN-28C/MN-26C MN-28LB/MN-26LB USED \$3.95 EA. CONNECTOR PLUGS RECEIVER \$2.50 CONTROL BX 2.50 FLEXIBLE SHAFT 20"/\$1.50 6" \$2.50 8" \$3.00

COMPASS RECEIVER



AN/ARN-7 RADIO COMPASS RECEIVER 100 TO 1750 KC USED FOR AIRCRAFT DIRECTION FINDING BUT CAN ALSO BE USED ON BOATS. THE RECEIVER IS A SUPERHETERODYNE WITH ADDITIONAL CIRCUITS FOR OPERATION OF THE AURAL RECEPTION AS SHOWN ON THE INDICATORS. COVERS THE FREQUENCY RANGE OF 100 TO 1750 KC IN FOUR BANDS CONTINUOUS TUNING FROM CONTROL BOX WHICH IS A SEPARATE UNIT. UNIT OPERATES FROM 115 VOLT 400 CYC & 24 VDC AND IS COMPLETE WITH TUBES 4/6K7, 1/6L7, 1/6J5, 2/6B8, 2/6F6, 1/6N7, 1/5Z4, 1/6SC7 & 2/2051. SIZE: 12x8x19; WT 45 LBS.

R-5/ARN-7 RECEIVER ONLY, USED \$18.95
ITEMS LISTED BELOW ARE REQUIRED FOR ADF OPER.

C-4/ARN-7 CONTROL BOX USED \$3.95 NEW \$5.95
I-81 INDICATOR 3" " 2.95 " 3.95
I-82A " 5" " " 3.95
LP-21 AM LOOP ANTENNA " 9.95
FT-224 MOUNTING F/C-4CB " 1.50
MG-149F INVERTER " 14.95
MC-203 SHAFT COUPLING "T" " 1.00
MC-136 SHAFT " RT/ANGLE 2.50
BK-22 RELAY JUNCTION BOX " 2.95
MC-124 FLEXIBLE SHAFT 2 FT. 1.50
CD-365 CABLE FOR LOOP 5 FT. 2.75
PL-122 CONNECTOR PLUG FOR RECEIVER 2.50
PL-112 " " " LOOP 2.50
PL-118 " " " I-81 OR I-82 2.50

BC 433G

COMPASS RECEIVER ADF SAME AS R-5/ARN-7 RECEIVER SHOWN AND DESCRIBED ABOVE ONLY COVERS THE FREQUENCY RANGE OF 200 TO 1700 KC AND USES ALL THE SAME ACCESSORIES WITH THE EXCEPTION OF THE CONTROL BOX WHICH IS BC-434A PRICED AT \$3.95 USED. BC-433 RECEIVER ONLY, WITH TUBES USED \$12.95

MN-20C MANUAL ROTATABLE LOOP ANTENNA USED WITH RA-100B & MN-26 RECEIVERS AS A DIRECTION FINDING ANTENNA IN THE 150 TO 1500 KC RANGE. 7 LBS MC-124 FLEXIBLE SHAFT FOR USE WITH LOOP 10 FT. \$1.95
AC-58267-2 CABLE 5 WIRE SHIELDED FOR ANTENNA CONNECTIONS. 8 FT. PLUG ONE END ONLY. \$1.95
MN-52 AZIMUTH CONTROL FOR MANUAL TURNING OF LOOP WITH CRANK AND BY USE OF FLEXIBLE SHAFT, HAS 0-360 DIAL, GRAIN OF WHEAT LAMP SWITCH & CRANK. USED \$1.95 N. \$2.95



MN-26 C RADIO RECEIVER FOR AIRCRAFT OR MARINE USE CAN ALSO BE USED FOR HOME USE FOR WEATHER REPORTS. FREQUENCY COVERAGE 150 TO 1500 KC IN TWO BANDS. ELECT BAND CHANGE, CONTINUOUS TUNING FROM MN-28C REMOTE CONTROL BOX. COMPLETE WITH 24 VOLT DC DYNAMOTOR, TUBES, 5/6K7, 2/6N7, 1/6B8, 1/6F6, 1/6L7, 2/6J5 ALL USED REC. SIZE: 12x6x16 1/2, WT: 37 1/2. CONT. 6x5x2 1/2. 3 LBS PRICES: MN-26C RECEIVER ONLY USED \$9.95



SEE BELOW FOR ADDITIONAL ITEMS

MN-26LB RADIO RECEIVER FREQUENCY COVERAGE 200-410, 550-1200 KC AND 2.9 TO 6.0 MC IN THREE BANDS. SAME AS MN-26C ABOVE EXCEPT FOR FREQ. COVERAGE AND TUBE LINE UP, 5/6K7, 2/6N7, 1/6L7, 2/6B8 & 1/6F6. COMPLETE WITH 24 VOLT DYNAMOTOR & TUBES. USED CONDITION PRICES: MN-26LB RECEIVER ONLY USED \$9.95

SEE BELOW FOR ADDITIONAL ITEMS

BC 348 RECEIVER



BC-348() RECEIVER AM 6 BANDS 200-500 kc. & 1.5 TO 18 MC. CRYSTAL PHASING, ANTENNA ALIGN, BEAT OSCILLATOR & AUDIOGAIN CONTROLS, VERNIER AND SPEED TUNING, OUTPUT JACKS FOR PHONES & SPEAKER. WITH TUBES 3/6K7, 1/6J7, 1/6C5, 1/6K6, 1/6B8 & 1/6F7. VOLTAGE REQUIRED 24 VOLTS 2 A. & 220 VDC 70 MA. () ISSUE THAT IS AVAILABLE SIZE: 18x10x9 1/2; WT: 38 LBS. USED \$89.50


Headsets — Telephone Equipment — Microphones — Handsets




HS-33 HEADSET
600 OHM IMPEDANCE
LEATHER HEADBAND
18" CORD W/PL-54
W/RUBBER CUSHIONS
USED \$3.95
NEW \$6.95
W/CHAMOIS CUSHIONS
USED \$4.95
NEW \$7.95
AS ILLUSTRATED.



H-63/U HEADSET & BOOM MICROPHONE
600 OHM IMPEDANCE
HEADSET & 100 OHM
MICROPHONE, CARBON
TYPE, MOUNTED ON A
ADJUSTABLE BOOM.
TWO 14" CORDS TER-
MINATE IN 2 & 3
PIN JACKS. USED
CHECKED \$3.95




HS-23 HEADSET
2000 OHM IMPEDANCE
LEATHER HEADBAND
18" CORD W/PL-54
W/RUBBER CUSHIONS
\$5.95
W/CHAMOIS CUSHIONS
NEW \$6.95



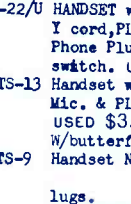
CHAMOIS CUSHIONS
\$1.50
A PAIR



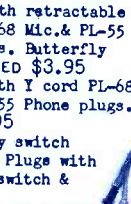
RS 38 MIKE
MICROPHONE BUT-
TON ONLY WITH
FRONT PLASTIC
TELEPHONICS
#R-16-M-2197
NEW \$1.50




M1-2478-MOD.
LIGHTWEIGHT
SOUNDPOWERED
HEAD-THROATMIC
SET W/7/2" STRE-
TCHED COILED
CORD, SWITCH &
CONTROL. 2 LBS.
UNUSED \$8.95



H-22/U HANDSET with retractable
Y cord, PL-68 Mic. & PL-55
Phone Plugs. Butterfly
switch. USED \$3.95



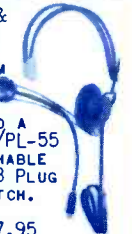
TS-13 Handset with Y cord PL-68
Mic. & PL-55 Phone plugs.
USED \$3.95
w/butterfly switch




TS-9 Handset No Plugs with
switch &
lugs.
Used \$2.95 New \$3.95
Handset Hanger rubber
covered as illustra-
ded.
\$1.50 each 3/\$4.00




HS-30 HEADSET
250 OHM IMPEDANCE
HEARING AID TYPE
EAR PCS. FIT IN-
SIDE EAR. LIGHT-
WEIGHT HEADBAND,
CORD 9" LG. WITH
SPADE LUGS.
(SEE CD-604 CORD)
NEW \$1.00
USED .75



H-55/U HEADSET & BOOM MICROPHONE
SINGLE ELEMENT
EARPHONE 300 OHM
& ADJUSTABLE
BOOM MIC. 40
OHM; MODIFIED TO A
3' PHONE CORD W/PL-55
PLUG & 4' DETACHABLE
MIC CORD W/PL-68 PLUG
& MOMENTARY SWITCH.
PRICE: USED \$7.95



RM-42 CONTROL UNIT USED TO OP-
ERATE A RECEIVER & TRANSMITTER
FROM A REMOTE POSITION WITH 2
CHANNEL SELECTION ALSO USED AS
INTER-COM OR CONNECTED TO BE
USED AS TELEPHONE SYSTEM. HAS
MAGNETO HAND CRANK GENERATOR FOR RINGING &
HANDSET WITH PL-204 ALSO 2 TELEPHONE TYPE SW-
ITCHES, 4 PILOT LIGHTS, VC, ON-OFF SW ETC.
REQUIRES WIRES BETWEEN EACH UNIT FOR USE AS
TELEPHONE AND BATTERIES. IN METAL CABINET WITH
SLOPPING FRONT, SIZE 7 1/2x8x9 WT: 14 LBS.
PRICE: ... \$9.95




T-26 MICROPHONE
Carbon w/
switch, chest
straps & 8 FT.
cable.



T-17 MICROPHONE
Carbon hand
type with
push switch

Used \$1.00 New \$1.75 RE-COND \$5.95



T-45 LIP MIC

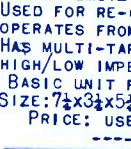


VCO-528 HEADSET
250
OHM
PRICE
\$1.25
RE-NEW
LESS
PHONE
CORD


DUBLE WIRE HEADBAND
WITH ONE EAR PIECE,
PAD ON OTHER SIDE.



T-30 THROAT MIC.
Elements
only
\$1.00
a dozen




RM-52 REMOTE CONTROL UNIT (MACY'S PHONE PATCH)
USED FOR RE-CONTROL OF RADIO SET,
OPERATES FROM 4 FLASHLIGHT BATTERIES.
HAS MULTI-TAP TRANSFORMER, MIC, PHONE
HIGH/LOW IMPEDANCE & JACKS.
BASIC UNIT FOR MAKING MACY'S PATCH.
SIZE: 7 1/2x3 1/2x5 1/2; WT: 5 LBS.
PRICE: USED \$1.95 New \$2.95



RM-53 REMOTE CONTROL UNIT
BASICLY THE SAME AS RM-52
ONLY IT HAS A 3 POSI-
TION SWITCH AND CORDS
WITH PL-55 AND PL-68
PLUGS.
SIZE: 8 1/2x4 1/2x4 1/2; 6 LBS
PRICE: USED \$2.95
RE-NEW 3.95

CARBON MICROPHONE AS
USED IN OLD TYPE UP-
RIGHT TELEPHONES.
STROMBERG CARLSON No.
P-26790/26791 \$1.50



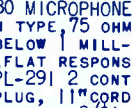
BZ-7 INTERRUPTER;
RINGING TELEPHONE MAGNETIC
DIAPHRAM TYPE, 3 VDC. CAN BE
USED AS CODE BUZZER. \$1.50

T-45 MICROPHONE
CARBON TYPE 100OHM
50DB BELOW 1 MILL-
VOLT, FLAT RESPONS
WITH PL-291 2 CONT
MALE PLUG, 11" CORD
PRICE: UNUSED \$1
USED \$.65




**CD-307 CORD EXTEN-
SION** FOR CORDS WITH
PL-54 PLUG AS USED
ON HEADSETS, 65" LG
WITH JK-26 JACK &
PL-55 PLUG.
NEW 89¢ USED 69¢

T-30 MICROPHONE
CARBON TYPE, 75 OHM
50DB BELOW 1 MILL-
IVOLT, FLAT RESPONS
WITH PL-291 2 CONT
MALE PLUG, 11" CORD
PRICE: USED 3/\$1
UNUSED \$.75




BRUSH CRYSTAL HEADSET
ELEMENT
W/RUBBER EAR
PADS LIGHTWEIGHT
B#F6#2 \$1.00 EA.

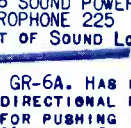
RM 29 CONTROL
REMOTE CONTROL UNIT USED
FOR CONTROL OF RECEIVER &
TRANSMITTER OR OVER TELE-
PHONE LINES WHEN TWO OR MORE
ARE CONNECTED TOGETHER BY
WIRE AND WILL OPERATE UP TO
15 MILES. REQUIRES 4 1/2 VOLT
DRY CELL FOR OPERATION.
HAS MAGNETO GENERATOR FOR
RINGING, PATCH CORDS WITH PL-68 & PL-55 PLUGS
RE-COND.




SIZE: 9x6x5; WT: RM-29 14 LBS. W/HANDSET 16 LB
PRICES: RM-29 REMOTE CONTROL UNIT ONLY \$6.50
RM-29 WITH HANDSET \$9.50
RM-29 WITH HANDSET & HOLDER, NOT MOUNTED 9.95



T-56 SOUND POWERED MICROPHONE 225 OHMS
PART OF SOUND LOGGING




SET GR-6A. HAS SPIKE
ON DIRECTIONAL PART OF
MIC. FOR PUSHING INTO
GROUND. SIZE: 3x2 1/2 SPIKE 6" WT 1 1/2
STK#2B1656 PRICE: RE-NEW \$1.25




CD-318 EXTENSION CORD WITH PL-291
2 CONTACT FEMALE
PLUG TO FIT T-45 &
T-30 MICS. SW-141
SWITCH & PL-68 MIC
PLUG ON 7 FT. CORD
NEW 89¢ USED 50¢
PL-68 MICROPHONE
PLUG ON 3 FT. CORD
NEW 65¢ USED 50¢




MICROPHONE BUTTON
CARBON
50 OHM
WILL REPL-
ACE F-1 ELEMENTS.
#K-53-0654 \$1.00



**R-15 PHONE ELE-
MENT** 6000 OHM
W/RUBBER CUSH-
ION F/2" HEAD-
BAND MTG.
\$1.25

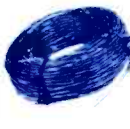


PHONE ELEMENT
F/TS-9K HANDSET
250 OHM, 2 1/2" DIA
W/ CLIPS.
K.S #838
\$1.00

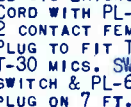


**CANADIAN PHONE
ELEMENT** 100 OHM
1 1/2" DIA. FOR
2" HEADBAND.
#C-3 10A/36988
\$.75


TELEPHONE WIRE



TWO CONDUCTOR OUTDOOR
7 STRANDES COPPER WELD
NEW MANUFACTURE WD-7
HALF MILE SPOOLS \$35.00
ONE " " " 65.00
PRICE PER FOOT .01 1/2



CD-604 CORD WITH
IMPEDANCE MATCHING
TRANSFORMER 500OHM
TO 4000, USED WITH
HS-30 HEADSET, 6"
CORD & PL-54 PLUG.
NEW 50¢ USED 25¢



CD-605 CORD SAME
AS CD-604 ONLY 30"
LG. WITH PL-55 PLUG
NEW 75¢ USED 50¢



SOUND POWERED MICROPHONE
IN PLASTIC
CASE, PUSH
TO TALK
BUTTON, NO CORD
#5016 USED \$1.50




**CANADIAN LIGHTWEIGHT
HANDSET**
NO CORD
PHONE 300 O
MIC, 50 OHM
#ITE no1
MK-11
YA-7225
\$3.95



**CANADIAN MICRO-
PHONE W/ SWITCH**
& CORD FOR ABOVE
PHONE, MAGNETIC
300 OHM, #10A/12
57L \$1.25

T-24/M CARBON MICROPHONE
WITH PUSH TO TALK
BUTTON AND
MODIFIED WITH
4 FT. COILED
CORD & PL-68
PLUG. WT: 1/2 LB. PRICE: NEW \$4.95



R-14 SPEAKER; 1000
OHM EAR PHONE ELE-
MENT IN 3" METAL
CASE WITH PL-54 PLUG
& CORD CALLED MINE DETECTOR RESON-
ATOR. # 2B2156 PRICE: \$1.00

COILED CORD SET



COILED CORD SETS
THREE CONDUCTOR
24" TO 72" 75¢
12" TO 36" 50¢
FOUR CONDUCTOR
12" TO 36" \$1.00



SOUND POWERED HEADPHONE
IN PLASTIC
CASE, NO
CORD.
#R5017 USED \$1.50



STANDARD TYPE TELEPHONE HANDSET & BELL RINGERS
CAN BE USED AND
ANY COMMERCIAL
TELEPHONE LINE OR
OR SYSTEMS ON THIS
PAGE.
PRICE: \$6.95
EX-CONDITION




STANDARD TELEPHONE HANDSET & CORD
PRICE: \$4.95
EX-CONDITION



SHURE CONTROLLED MAGNETIC MICROPHONE
HIGH-IMPACT ARMY DUF
CASE. IMPEDANCE
1500 OHM; 50 DB OR
OR BETTER; 15 FOOT
CABLE WITH 4 PRONG AMPHENOL PLUG,
& EASY HOLD PUSH TO TALK SWITCH.
SHURE MODEL #CR5M; WT: 2LBS.
PRICE: NEW \$9.95

MC-385 HIGH TO LOW ADAPTER



IMPEDANCE
FOR HEADSET
4000-6000OHM
USED \$.50
NEW \$.75



HEADSET EARPHONE CUSHIONS
SPONGE
RUBBER FOR
2 1/2" ELEMENTS.
#4B514 \$1.00 PAIR



DIAL ONLY
\$1.25
EXCEL
COND.



HANDSET HOLDER FOR
HORIZONTAL
MOUNTING. SIZE
1 1/2x3 1/2 #6988
\$.50



TELEPHONE BELL FOR MAG-
NETO GENERATORS
1 1/2x3
MC-131
\$.125



TS-365/GT LINESMAN'S HANDSET
135 OHM REC.
75 " XMTR.
W/SWITCH, CORD
& CLIPS.
ALL METAL
USED \$3.95



SOUND POWERED HANDSET
WITH COILED
CORD 1-4'
STK#D173012
NEW \$7.95
HANGER ONLY
\$1.50



PUSH BUTTON & CALL SIGNAL LIGHT SAME
SIZE AS TELEPHONE
DIAL.
MAKE OWN
INTERCOM.
\$.39 EA.
3/\$1.00



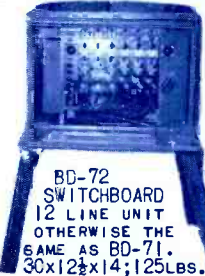
HB-8 HEADBAND
NO CORD
1 1/2" ELE-
MENT CLIP
\$1.00

TELEPHONE EQUIPMENT



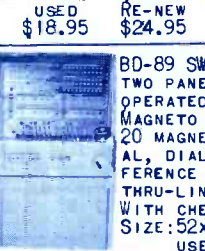
EE-8 FIELD TELEPHONE, PORTABLE HAND RINGING TYPE. CAN BE USED WITH ANY MAGNETO TYPE SYSTEM SWITCHBOARD AS BD-71, 72, 89, 91, 96 ETC. OPERATES FROM 2 FLASHLIGHT BATTERY UP 17 MILES, TWO OR MORE PHONES CAN BE OPERATED ON TWO WIRE LINE. WITH CARRYING CASE, STRAP & HANDSET.

SIZE: 8x10x3 1/2; WT: 18 LBS.
USED CHECKED LESS BATT. \$12.95



BD-71 SWITCHBOARD, PORTABLE 6 LINE HAND RINGING MAGNETO TYPE USING FLASHLIGHT BATTERIES FOR OPERATION. REPEATING COILS ON TWO LINES FOR SIMPLEXING, DROP SIGNAL AND NIGHT CALL BELL. CAN BE USED WITH ANY MAGNETO TYPE TELEPHONES SUCH AS EE-8, RM-29, BD-72, 89, 91, 96 ETC. IDEAL FOR FACTORY, CAMP, FARM, MOTEL.

WITH CHESTSET MICROPHONE & HEADSET. LESS BATTERIES.
SIZE: 18x12x14; WT: 75 LBS.
USED \$9.95 RE-NEW \$14.95

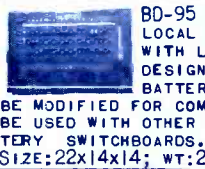


BD-72 SWITCHBOARD 12 LINE UNIT OTHERWISE THE SAME AS BD-71.
30x12x14; 125 LBS.
USED \$18.95 RE-NEW \$24.95

BD-89 SWITCHBOARD, SINGLE POSITION, TWO PANEL NON-MULTIPLE, MANUALLY OPERATED TELEPHONE SWITCHBOARD. MAGNETO & COMMON BATTERY LINES. 20 MAGNETO, 40 CB, 4 TWO WAY MANUAL, DIAL DROP END TRUNK CKT, 5 CONFERENCE JACKS, 3 OUTGOING CKT., 2 THRU-LINE & 13 UNIVERSAL CORD CKT. WITH CHEST MICROPHONE & HEADSET.
SIZE: 52x22x31; WT: 300 LBS.
USED \$59.50 RE-COND. \$79.50



BD-91 SWITCHBOARD, SINGLE POSITION MANUALLY OPERATED FOR SERVING MAGNETO LINES, TWO-WAY TRUNKS AND TIE LINES. RING-DOWN TRUNKS ARE PROVIDED FOR CONNECTION TO MANUAL COMMON BATT. OR DIAL SYSTEMS. DROP SIGNAL FOR INCOMING & RECALL. 20 MAGNETO, 4 UNIVERSAL, 8 CORD, 1 DIAL, 4 CONF. JACKS & 1 OPERATOR. USES DRY CELLS FOR OPERATION.
SIZE 16x16x42 SET-UP; WT: 200 LBS. \$29.50



BD-95 SWITCHBOARD: CORDLESS LOCAL BATTERY UNIT EQUIPPED WITH LINE LAMP SUPERVISION AND DESIGNED FOR SWITCHING LOCAL BATTERY LINES MAGNETO TYPE, MAY BE MODIFIED FOR COMMON BATTERY LINES ALSO CAN BE USED WITH OTHER TRUNK, TIE LINE LOCAL BATTERY SWITCHBOARDS.
RE-NEW \$24.95
SIZE: 22x14x14; WT: 250 LBS. PRICE: \$24.95

TG-34A KEYS:

CODE PRACTICE SET USED TO REPRODUCE SIGNALS PREVIOUSLY RECORDED ON INKED PAPER TAPES. VARIABLE SPEED MOTOR, KEYING OSCILLATOR WITH SPEAKER AND PHONE JACK. OPERATES FROM 115/230 50/60 CYC. HOUSED IN PORTABLE CARRYING CASE.
SIZE 15x10x10; WT: 40 LBS.
PRICE: RE-NEW, CHECKED \$24.95



TG-10 KEYS IS AN AUTOMATIC UNIT FOR PROVIDING AUDIBLE CODE PRACTICE SIGNALS FROM AN INKED TAPE RECORDING. THE OUTPUT OF THE KEYS IS AN AUDIO FREQ. NOTE OF 800 CYCLES PER SEC. WITH SUFFICIENT POWER TO SUPPLY A NUMBER OF HEADSETS OR PRACTICE TABLES DIRECT CAN ALSO BE USED AS A TELEGRAPH KEY AMPLIFIER OR TAPE PULLER FOR A RECORDER. OPERATES FROM 115 VOLT 60 CYCLE. COMPLETE WITH TUBES; 2/6N7 2/5L6, 2/6SJ7, 1/5U4 & 1/923.
SIZE: 24x11x18; WT: 63 LBS.
PRICE: USED CHECKED \$19.95 NOT CHECKED \$14.95



VO-3 OSCILLATOR IS AN ELECT-AUDIO TONE GENERATOR WITH A 10 WATTS OF POWER OUTPUT AT A FREQ. OF 800 CYCLES PER SEC. COND. THIS POWER IS ADEQUATE FOR SUPPLYING TONE TO 200 HEADSETS THAT CAN BE KEYS BY THE INSTRUCTOR OR STUDENTS AND FEED INTO A SPEAKER OR RECORDER. OPERATES FROM 115 VOLT 60 CYCLE, COMPLETE WITH TUBES 1/6SN7, 1/5U4 & 2/6VGGT, OUTPUT 4, 8, 12 & 16 OHMS. SIZE: 12x10x7 1/2; WT: 24 LBS.

F-56 FAIRCHILD AIRCRAFT CAMERA



DESIGNED AS A RECORD-TYPE, QUICKWIND, AUTOMATIC CAMERA WHICH IS EQUALLY ADAPTABLE TO OBLIQUE SPOTTING & VERTICAL MAPPING. IT CAN BE OPERATED MANUALLY OR ELECTRICALLY 24 VOLT DC. FOCAL LENGTH 20", SHUTTER SPEEDS 1/35, 1/50, 1/100 & 1/150 DIAPHRAGM STOPS 5.6, 8, 11, 16, & 22. THE MAGAZINE USES UP TO 125 FT OF FILM 7" WIDE AND WILL GIVE APPROX. 200 NEGATIVES, 6-5/8"x7". DETACHABLE FILTERS ARE PROVIDED ALSO SPARE REELS, INTERVALOMETER FOR AUTOMATIC OPERATION & CABLES FOR ELECTRIC OPERATION. WITH MANUAL \$89.50
NEW AND COMPLETE IN TRUNK

HYDROPHONE

MAGNETOSTRICTION TYPE UNIT 20 KC RESONANT FREQUENCY. THIS IS A STANDARD SECTION OF A ASSY. AS USED IN AN/SQS-10 EQUIPMENT.

(HYDROPHONE IS A TYPE MICROPHONE DESIGNED TO BE ACTUATED BY WATER BORNE SOUND WAVES AND MAGNETOSTRICTION IS THE CHANGE IN THE DIMENSIONS OF A FERROMAGNETIC OBJECT WHEN PLACED IN A MAGNETIC FIELD.)
SIZE: 3 1/2 x 5 1/2 x 1 1/2; WT: 3 LBS.
STK# 875446 Y-901 PRICE: NEW \$4.95

SONOBOUY

TRANSMITTER WITH PARACHUTE USED TO DROP FROM AIRCRAFT IN ORDER TO MARK LOCATIONS. SENDS MCW SIGNAL 70-90MC BATT. OPERATED WITH TUBES 3/1L4, 1/304 & 1/3A4. WHEN UNIT IS DROPPED 6" RAYON PARACHUTE OPENS, WEIGHT ON BOTTOM OF SET IS LOWERED BY A SPINNER TYPE REEL & NYLON LINE THAT TURNS A PROPELLER STABILIZER AND CONTROLS THE RATE OF FALL. UNIT ALSO HAS A 40" FLEXIBLE WHIP ANTENNA AT THE TOP & A COIL TYPE DIPOLE ON THE BOTTOM. IN WATERPROOF CONTAINER 50" Lx7" Bx1A. WT 30 LBS.
STK# AN/CRT-4 PRICE: \$9.95

SOUND RECORDER

SOUND RECORDER, ELECTRIC-MAGNETIC TYPE USING STANDARD DICTAPHONE WAX CYLINDER AMPLIFIER OUTPUT APPROX. 2 WATTS, RECORDING SPEED 96 TO 100 RPM DOUBLE MAN DREL, CONTINUOUS RECORDING, AUTOMATIC CHANCE-OVER, REPLACEABLE STYLUS. OPERATES FROM 115 VOLT 60 CYCLE. FLOOR CABINET 15x15x32. LESS MICROPHONE, HEADSET, RECORDING CYLINDERS & CABLES. SHIPPING WT: 100 LBS. DICTAPHONE #142
PRICE: USED \$19.95

WIRE RECORDER

RD-15A/ANQ-1A C-260A/ANQ-1A MX-303A/ANQ-1A
WIRE RECORDER 3" DIA. REEL 0.006 DIA. WIRE, ONE INPUT CHANNEL, 600 OHMS IMPEDANCE; 290 RPM RECORDING SPEED; 300 TO 3500 CYC. PER SEC. FREQUENCY RESPONSE. OPERATES FROM 26.5 VOLTS D.C WITH TUBE 2807, MAGAZINE MX303A/ANQ-1 WITH WIRE FOR 60 MIN. & C-260A/ANQ-1A CONTROL BOX. USED IN AIRCRAFT FOR RECORDING MESSAGES. SIZE: 10 1/2 x 6 x 8, CONT. 3x6x2 1/2; WT: 15 LBS
PRICE: USED EXCELLENT, \$9.95
CONNECTOR PLUGS THREE REQUIRED...EACH...\$1.50



MX-333/GG TAPE PULLER USED WITH CODE PRACTICE TO REEL 3/8" PAPER TAPE AS THE TAPE IS PASSED THROUGH THE RECORDER; HAS CONSTANT SPEED 110 VOLT 60 CYCLE INDUCTION MOTOR WITH VARIABLE SPEED FRICTION DRIVE ARRANGEMENT. UNIT COMES IN A WOOD CARRYING BOX 10x10x15 WITH A CARRYING HANDLE. WT: 27 LBS.
PRICE, RE-NEW \$12.95

BLANK PAPER TAPE 3/8" WIDE FOR KEYS TG-10, TG-34 ETC. 900 FT. ROLLS EACH ROLL 2/3 LB.
PRICE: \$.25 EA. RL. 30 ROLLS \$3.00; 60 RL. \$5

RADIOSONDE



AN/AMT-2 RADIOSONDE, 403 MC FM. A SINGLE PACKAGE INSTRUMENT WHICH CARRIED BY A FREE BALLOON, IS USED TO TRANSMIT METEOROLOGICAL INFORMATION TO A GROUND STATION. THE FREQUENCY MODULATION IS CONTROLLED BY A SENSOR MECHANISM CONTAINING ELEMENTS CONTROLLED BY PRESSURE, TEMPERATURE AND HUMIDITY TOGETHER WITH A COMMUTATOR ARRANGEMENT WHICH SET UP A SEQUENCE OF SIGNALS. USES 2 TUBES AND REQUIRES 1.5, 6 & 115 VDC FOR OPERATION. W/TUBES, LESS BATT. SIZE: 4x6x6 1/2. WT: 1 1/2 LBS. BATTERIES PRICE: NEW \$2.95 EACH, 2 FOR \$5.00

BC-1253 RADIOSONDE TRANSMITTER

OPERATES AT 397 MC; SENDING A CONSTANT SIGNAL TO BE RECEIVED BY RADIO DIRECTION FINDER, WHILE BEING CARRIED IN THE ATMOSPHERE BY A FREE BALLOON. COMPLETE WITH ONE 955 ACORN TUBE. REQUIRES 1.5, 6 & 115 VOLT BATTERIES. SIZE: 3x5x6 1/2; WT: 8 OZ.
PRICE: NEW \$5.99 2 FOR \$1.00



AMT-3 RADIOSONDE; A-1 TYPE EMISSION; 2-6 MC. CRYSTAL CONTROL ON ONE PRESELECTED CHANNEL, RECORDS ON SELF CONTAINED RECORD THAT OPERATES FROM 3VDC USES 1/3A4 TUBE ALSO SELF CONTAINED PARACHUTE.
SIZE: 10x12x5; WT: 10 LBS. UNUSED \$7.95

DRONE RECEIVER

FREQUENCY RANGE OF 57 TO 76 MC. WITH CHOICE OF FIVE DIFFERENT TONE CIRCUITS THAT OPERATE FIVE SERVO CIRCUITS WHICH ARE CONTROLLED BY SEALED MICRO-RELAYS IN INDIVIDUAL LC CIRCUITS. TONE FREQ. 300, 650, 955, 1390 & 1250. COMPLETE WITH TUBES 1/12AU7, 2/6AK6, 1/0A2, 28VDC VIBRATOR SUPPLY. PHOTO SHOWS SEALED COVER REMOVED. SIZE: 5x8. WT: 6 LBS.
PRICE: UNUSED \$9.95
CONNECTOR PLUGS TO FIT UNIT, 4 REQ. EA. \$1.50

ANGULAR RATE CONTROL PART OF AUTOMATIC PILOT B-1.

CONSISTS OF 3 SEPARATE PLUG IN GYROS NAMELY ROLL PITCH & YAW, SIZE 4x4x5. ALSO CONTAINS RECTIFIERS, TRANSFORMERS, CONDENSERS, RESISTORS, CONTROLS ETC.
STK# JD405-65. SIZE: 10x11x7 1/2; WT: 25 LBS
PRICE: USED \$12.95

GYRO VERTICAL CONTROL ASSEMBLY

TYPE 314625; OPERATES FROM 115V 400 CYCLE 3 PHASE, WILL OPERATE FROM APPROX. 50 VOLTS 60 CYCLE WITH A 20 MFD. CAPACITOR IN THE CIRCUIT. THIS IS A PRECISION UNIT THAT WAS USED IN AIRCRAFT TO CONTROL CHANGES IN ALTITUDE ABOUT PITCH AND ROLL AXES OF AN AIRBORNE VEHICLE. SENSITIVITY IS OBTAINED BY MOUNTING THE GYRO WITH THE SPIN AXIS VERTICAL. THE ELECTRICAL CHANGES ARE THEN FED TO THE STABILIZING EQUIPMENT. SIZE: 5 1/2 x 7 x 8 LBS.
PRICE USED \$3.95

GUN SIGHT GYRO UNIT

USED IN THE MK-18 GUN SIGHT AND CONTAINS TWO AUTOSYN TYPE MOTORS THAT ARE CONNECTED BY A SPRING BELT, ON ONE OF THE UNITS IS MOUNTED 1 1/2" MIRROR AND ON THE GYRO IS A FREE PIVOTING 2 1/2" MIRROR USED 3 1/2 x 3 1/2 x 5; WT: 3 LBS. \$1.00

GUN SIGHT

K-14 GUN SIGHT, SIGHTING HEAD, ILLUMINATED UNIT WITH TWO 2" 8X POWER LENSES, 1" REFLECTING MIRROR, WORM GEAR ADJUSTING LIGHT SHUTTER, TWO AUTOSYN MOTORS CONNECTED BY A SPRING BELT AND TWO MIRRORS MOUNTED ON SHAFTS.
SIZE: 9x5x5 1/2; WT: 10 LBS.
PRICE: USED \$2.95

INVERTERS



INPUT: 27.5 VDC 150 AMP.
OUTPUT: 115 VAC 2500 VA
400 CYC 1 PHASE
SIZE: 15 x 11 1/2 x 8 WT 58 LBS.
P/N13-2500-3
PRICE: UNUSED \$24.95

INPUT: 27 1/2 VDC 45 AMP.
OUTPUT: 115 VAC 750 VA.
400 CYC 3 PHASE
SIZE: 7 1/2 x 11 1/2 x 11 1/2 WT:
LELAND P/N 3534-1
PRICE: UNUSED...\$34.95



MG-149F INVERTER

INPUT: 24 VDC 36 AMPS.
750 VA
OUTPUT: 115 V 400 CYCLE
1 PHASE 500 VA
26 V 400 CYCLE
1 PHASE 250 VA
SIZE: 12 x 7 1/2 x 8, WT: 21 LB.
PRICE: USED \$14.95

CONNECTOR PLUG TO FIT \$1.50



RA-87 AC RECTIFIER

Selenium type rectifier use with teletype printers operates from 115/230 volts 50-60 cycle output 115 volts DC .400 amps & 110 volt 50 - 60 cycle. Size 14 1/2 x 7 1/2 x 8 WT. 43 lbs.

New \$8.95



RA-62 AC POWER SUPPLY

Power Supply used with SCR-522 Transmitter-Receiver supplies all the necessary voltages.
INPUT: 115/230 60 cycle
OUTPUT: 300 VDC 230 MA.
-150 VDC 8 MA.
13 VDC 3.9 AMPS.
Completely fused & filtered.
Size 16 x 11 1/2 x 11 WT. 75 lbs.
PRICE: USED CHECKED \$59.50



MP-28 MODULATOR & DYNAMOTOR
Power Supply for TA - 12 Transmitter Class "B"
Modulation Maximum signal output 75 watts.
Complete with 2/887, 1/6N6, 1/6N7 tubes. Dynamotor 24 VDC input output 540 VDC 450 MA. NEW With 24 V Dynamotor \$12.95
CONNECTOR PLUG \$2.50



D.C AIRCRAFT MOTOR
GE# 58A50LJ29- HP .4
RPM 3000 ARM.V 60 FLD.V 27
AMPS. FLD. 2.3, ARM. 6.5
DUTY 10 MIN. INT. AT FULL
RATING.
SHAFT, CORK SCREW 5/8" DIA.
FLANGE MTG. 3/8" IN CNTS.
SIZE 6 1/2" LESS SHAFT 4 1/2 x 4 1/2
WT: 11 LBS. UNUSED \$4.95



AIRCRAFT MOTOR
MAXSON MODEL 118 H.P. 1
RPM 5800; 24 VOLTS DC
55 AMPS., SPLIT FIELD,
REVERSIBLE SHUNT, DOUBLE
END SHAFTS WITH GEAR 1 1/4"
1/3-8" FLANGE MTG. 3/4" CT.
SIZE: 6 1/2 x 4 1/2 x 4 1/2; WT: 15 LBS.
UNUSED \$4.95

ELECT. ENG. MFG.
Type C-368, 26VDC
35 AMPS. 600 WAT
1/2 HP, APP. 3000
RPM. VERT. KEYED
SHAFT 1/2" DIA. 3/16 SLOT. 12 LBS
FL. MTG. 3/4" CT. 7" LG. \$4.95

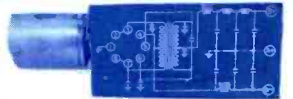
ELECTRIC MOTOR CORP
TYPE 300, 45 VOLTS
A.C., 60 CYC. 6 1/2 RPM.
LIGHT DUTY. OPEN FRAME
5x2 1/2 x 1 1/2; SHAFT 3/16 x
1; 1 LB. \$1.25

MOLON MOTOR V-1005
APPROX. 10 RPM, 85
VAC CONT. 110 V INT
ERMITTENT, GOOD TOR-
QUE. SIZE 4x3x3; 1 LB
SHAFT 5/16x1 1/2. \$1.75

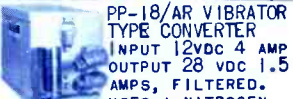
MERC. MOTOR 8100:115
VOLT 60 CYCLE, 1750
RPM, OPEN FRAME, 3x
2 1/2 x 2, SHAFT 1/2 x 1 1/2
WT: 1 LB. \$1.50



VIBRATOR POWER SUPPLY
Two 6 VOLT SUPPLIES ON A
COMMON CHASSIS USING OZ4
RECTIFIER TUBES, OUTPUT 540
VDC @ 150 MA. CAN BE TAPPED
AT 270 VDC 150 MA.
SIZE: 9x6x5; WT: 10 LBS.
STK#3H6694-5 UNUSED \$9.95



MINI VIBRATOR SUPPLY
PP-855/PRC-14, AIRPAX No.
A-1063, VIBRATOR TYPE WITH
FILTER NETWORK, INPUT 6VDC
5.35 AMPS. OUTPUT 135 VDC
155 MA. VIBRATOR MOUNTS
OF UNIT. 7 1/2 x 2 1/2 x 2 1/2; WT: 3 LB
NEW \$4.95



PP-18/AR VIBRATOR
TYPE CONVERTER
INPUT 12VDC 4 AMP
OUTPUT 28 VDC 1.5
AMPS, FILTERED.
USES A NITROGEN
SEALED VIBRATOR. USED TO OP-
ERATE 28 VOLT EQUIPMENT FRO
12 VOLTS. TWO OR MORE CAN
BE WIRED IN PARALLEL TO OBTAIN
A HIGHER CURRENT OUT-
PUT. WITH PLUGS, MTG & SPARI
VIBRATOR, 6 1/2 x 5 1/2 x 8 1/2; WT: 9 LBS.
NEW \$7.95 USED \$4.95

FT-498 SHOCK
MOUNTING WITH
FOUR 10 LB.
RUBBER MOUNTS ON A ALUMINUM
PLATE 13x8x1 1/2; WT: 2 LBS.
PRICE: \$1.00

VOLTAGE REGULATOR
INPUT 21-30 V.D.C
5 AMPS. REGULATION
18-30 vdc @ 5 1/2
SIZE: 4x3; 3 LBS.
\$1.50

RI GENERATOR

OUTPUT: 28.5 VDC 300 AMPS.
2500 TO 6000 RPM
SPLINED SHAFT 7/8 x 1 3/4"
SIZE: 6x8x14 1/2; WT: 50 LBS.
Used \$19.95

12 VOLT GENERATOR
50 AMPS. 38 LBS
SIZE 9x6x6
SHAFT 3/4x2
KEYED & NUT
DELCO#110646
PRICE: NEW \$9.95

KATOLIGHT CONVERTER #1118
INPUT: 24 VDC 2 AMPS.
OUTPUT: 115 VOLT 60 CYCLE
350 WATTS, 350 VA.
SIZE: 13x9 1/2 x 7 1/2; WT: 55 LBS.
UNUSED \$24.95

GENERATOR GAEN-211219C
OUTPUT: 12.5 VDC 4 AMPS.
240 VDC 100 MA.
INPUT DRIVE: 3/16 HP.
3450 RPM.
SHAFT SIZE: 3/8 x 1 1/2
MOTOR SIZE: 5 x 6 x 9 WT. 25 lbs.
Used: \$4.95 New \$6.95

DY-85 DYNAMOTOR VRC-2X
INPUT: 24 VDC 8 AMP.
OUTPUT: 600 VDC 175 MA.
SIZE: 7x4x4 1/2; WT: 10 LBS.
PRICE: NEW \$3.95

INVERTERS

PE-115 PHILCO
INVERTER 28VDC
36 AMP. INPUT,
OUTPUT 80 VOLT
800 CYCLE 7.2
AMP. (NO VOLT,
AGE REGULATOR,
11x10x7 1/4; WT. 40 LBS.
USED \$12.95

PU-16 INVERTER
INPUT: 28 VDC 60 AMPS.
OUTPUT: 115 VAC 6.5 AMPS.
400 CYCLE 1 PHASE
Used: \$18.95
Size: 7 x 15 x 9 Wt. 38 lbs.

5D21NJ3A INVERTER
INPUT: 27 VDC 35 AMPS.
OUTPUT: 115 VAC 2.17 AMPS.
400 CYCLE 1 Phase.
Used: \$14.95 Unused \$24.95
Size: 9 x 6 1/2 x 5 1/2 WT. 20 lbs.

INVERTER
800-1-A
WT. 35 lbs.
Size 4 1/2 x 8 x 12

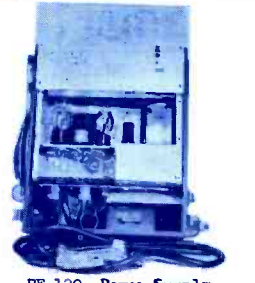
INPUT: 24 VDC 75 AMPS.
OUTPUT: 115 VAC 800 CYCLE
1 Phase 10.5 AMPS.
USED: \$9.95



PE-237 POWER SUPPLY
VIBRATOR TYPE

INPUT: 6 VDC 27 AMPS.
12 VDC 13.2 "
24 VDC 7 "
OUTPUT: 525 VDC 90 MA.
105 VDC 42 MA.
6.5 VDC 2 AMPS.
6 VDC 500 MA.
1.3 VDC 450 MA.
130 VDC 17 MA.
With tubes & vibrator.
Size 10 x 10 x 17 Wt. 70 lbs.
USED \$14.95 RE-NEW \$19.95

MAR MOBILE
MODULATOR &
DYNAMOTOR PS
OPERATES 13VDC
DYNAMOTOR OUT-
PUT 385VDC @
500 MA. MODULA-
TOR 50 WATTS.
TUBES 2/6L6, 1/
12SL7, W/SEALED
RELAYS, JACKS, SWITCHES ETC.
NO COVER. SIZE: 13x9x15, 25 LBS
PRICE: USED \$9.95



PE-120 Power Supply

INPUT: 6 VDC 4.5 AMP.
12 VDC 2.5 AMP.
24 VDC 1.5 AMP.
OUTPUT: 145 VDC 75 MA.
90 VDC 40 MA.
1.5 VDC .75 AMP.
Vibrator type voltage regu-
lated complete with tubes
OB-3/VR-105, 1005 & Ballast.
Also vibrator for 12 VDC.
Size 4 1/2 x 13 1/2 x 15 1/2 WT. 29 lbs
RE-NEW \$7.95



VRC-2 DYNAMOTOR

INPUT: 5.5 VDC 31 AMPS
OUTPUT: 600 VDC 175 MA
SIZE 7 x 4 1/2 x 4 1/2 WT: 8 LBS
STK. # 3H1514-5
PRICE RE-NEW \$7.95

PE-104
VIBRATOR
POWER SUPPLY
Used with BC-654
Rec-Trans. Output 84 VDC & 15VDC
Input 6 VDC OR 12 VDC. WT. 8 lbs
size 4x4x7 Price Used \$9.95

Bendix Hand Crank Generator (Gibson
Girl) Output 28 VDC @ 175 MA and
300 VDC @ 30 MA. When cranked at
app. 60 RPM. Gear Ratio app. 72-1
with pilot light and coding wheel
Wt. 6 lb. 3 oz. Price.....\$4.95

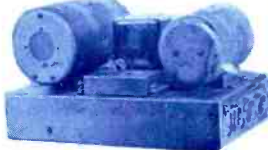


Size: 5 x 8 x 12 Wt. 35 lbs.
PE-98 DYNAMOTOR

INPUT: 14 VDC 21 AMPS.
OUTPUT: 300 VDC 260 MA.
150 VDC 10 MA.
USED \$5.95 UNUSED \$9.95

PE-94 DYNAMOTOR

INPUT: 28 VDC 10.5 AMPS.
OUTPUT: 300 VDC 260 MA.
150 VDC 10 MA.
14.5 VDC 5 AMPS.
Used \$4.95



MODULATOR POWER SUPPLY
COLLINS 21881

INPUT: 12 VDC 14.5 AMP.
OUTPUT: 400 VDC 200 MA.
225 VDC 100 MA.
Size: 7 1/2 x 7 x 13 WT. 28 lbs.
RE-NEW \$12.95



Size 6 1/2 x 8 x 12 Wt. 30 lbs.

DY-17 DYNAMOTOR

INPUT: 27 VDC 32 AMPS
OUTPUT: 400 VDC 750 MA.
750 VDC 350 MA.
USED \$12.95



PP-868/U VIBRATOR
POWER SUPPLY

INPUT: 12 DC 2.0 AMP.
OUTPUT: 6.3 AC 1.0 AMP.
6.3 " .45 "
1.4 DC 1.25 "
155 DC 15 MA.
150 DC 5 "
140 DC 50 "
40 DC .5 "
SIZE: 5x6 1/2 x 7; WT: 12 LBS.
PRICE: USED \$9.95

GN-45 GENERATOR

HAND CRANK TYPE
Output
6VDC 3 Amp. Used
500 VDC with
140 MA. BC-654
@ 60 RPM. SCR-284.
Complete
with crank, legs & seat
RE-CONDITIONED \$12.95
Output cable & plug \$2.75



DYNAMOTORS



Size 6½ x 10 x 11 WT. 38 Lbs.
With fuses and starting relay.

ED-77 DYNAMOTOR

INPUT: 14 VDC 39 AMPS.
OUTPUT: 1000 VDC 350 MA.
used \$12.95

PE-73 DYNAMOTOR

INPUT: 28 VDC 19 AMPS.
OUTPUT: 1000 VDC 350 MA.
used \$12.95



DM-42 DYNAMOTOR
NEW \$3.95
CRACKED
BASE, WILL
NOT EFFECT
OPERATION

INPUT: 12 VDC 39 AMPS.
OUTPUT: 515 VDC 215 MA.
" 1030 " 260 MA.
SIZE: 7x7x11 WT: 38 LBS.



INPUT: 27.5 VDC 27 AMPS.
OUTPUT: 1000 VDC 500 MA.
SIZE: 8½x4x4 WT: 13½ LBS.



**PE-98
PE-94
DYNAMOTORS
ONLY**

PE-98 DYNAMOTOR ONLY
INPUT: 14 VDC 21 AMPS.
OUTPUT: 300 VDC 260 MA
-150 VDC 10 MA
SIZE: 12x5x5; WT: 26 LBS.
UNUSED \$5.95

PE-94 DYNAMOTOR ONLY
INPUT: 28 VDC 10.5 AMPS
OUTPUT: 300 VDC 260 MA
-150 VDC 10 MA
14.5 " 5 AMPS
SIZE: 12x5x5; WT: 26 LBS.
UNUSED \$4.95



DA-19A DYNAMOTOR
INPUT: 28 VDC 11 AMPS.
OUTPUT: 400 " 400 MA.
SIZE: 7½x4½x4½; WT: 13 LBS
UNUSED \$4.95

BRUSH SETS



DM-21 DM-25 DM-28 DM-32
DM-33 DM-34 DM-35 DM-36
DM-37 DM-40 DM-41 DM-42
DM-43 DM-45 DM-53
BD-83 BD-93 BD-77
PE-73 PE-86
DA-12 DA-14 DA-1A
DY-21 DY-22
SP-125 35x032
OTHER TYPES ALSO AVAILABLE
SET OF FOUR BRUSHES \$.75



Size 3 x 3½ x 4½, Wt. 3 lbs.

DM-32 DYNAMOTOR

INPUT: 28 VDC 1.1 AMPS.
OUTPUT: 250 VDC 60 MA.
Price: Used \$2.95 New \$4.95

TYPE 35 x 032

(Same as DM-32 only 12V)

INPUT: 14 VDC 2.4 AMPS.
OUTPUT: 250 VDC 60 MA.
Price: New \$4.95

DM-53 AZ DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 VDC 80 MA.
Price: NEW 7.95

DM-53 DYNAMOTOR

INPUT: 28 VDC 1.4 AMPS.
OUTPUT: 220 VDC 80 MA.
NEW \$6.95 USED \$3.95



Size 3 x 3 x 4½, Wt. 3 lbs.

DM-45 DYNAMOTOR

INPUT: 24 VDC 1.1 AMPS.
OUTPUT: 250 VDC 50 MA.
Price: Used \$2.95 New \$4.95

DM-25 DYNAMOTOR

INPUT: 12 VDC 2.2 AMPS.
OUTPUT: 250 VDC 50 MA.
Price: Used \$2.95 New \$4.95



WEST 12B534 DYNAMOTOR

INPUT: 24 VDC 1.75 AMPS.
OUTPUT: 300 VDC 70 MA.
Price: Used \$2.95 New \$4.95

Size 3 x 3 x 4½, Wt. 3 lbs.
Dynamotors listed below
same size only less base.

DM-696 DYNAMOTOR

INPUT: 28 VDC 1.1 AMPS.
OUTPUT: 250 VDC 60 MA.
Used \$1.95 Unused \$3.95

DM-310A DYNAMOTOR

INPUT: 12 VDC 2.8 AMPS.
OUTPUT: 150 VDC 100 MA.
Used \$2.95 Unused \$4.95

TYPE 5047 DYNAMOTOR

INPUT: 27 VDC 1.75 AMPS.
OUTPUT: 285 VDC 75 MA.
Used \$3.95 Unused \$5.95

RADIO NOISE
FILTER 100
AMPS.50 VDC
GE#1C202
SIZE 4x4x2
PRICE: \$.50



Size 3 x 4½ x 6½, Wt. 5 lbs.

DM-34 DYNAMOTOR

INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 VDC 80 MA.
Used \$2.95 Unused \$4.95

DM-36 DYNAMOTOR

INPUT: 28 VDC 1.4 AMPS.
OUTPUT: 220 VDC 80 MA.
Used \$2.95 Unused \$4.95



Size 3½ x 5 x 5½, Wt. 3½ lbs.

PE-86 DYNAMOTOR

INPUT: 28 VDC 1.25 AMPS.
OUTPUT: 250 VDC 60 MA.
PRICE: Used \$2.95 New \$4.95



Size 3½ x 5 x 6½, Wt. 5½ lbs.

DM-28 DYNAMOTOR

INPUT: 27.9 VDC 1.25 AMP
OUTPUT: 220 VDC 70 MA
PRICE: USED \$3.95



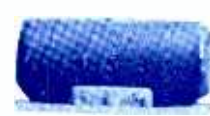
INPUT: 12 VDC 9.9 AMP.
OUTPUT: 400 " 180 MA.
SIZE: 4x4½x7; WT: 10 LBS.
PRICE: UNUSED \$6.95



INPUT: 12 VDC 11 AMPS
OUTPUT: 440 VDC 200 MA.
SIZE: 4x4½x7; WT: 11 LBS.
PRICE: UNUSED \$8.95



INPUT: 14 VDC 3.3 AMP.
OUTPUT: 235 VDC 90 MA.
SIZE: 6x5x3; WT: 8½ LBS.
PRICE: USED \$4.95 NEW \$6.95



DY-21 DYNAMOTOR

INPUT: 27 VDC 7 A
OUTPUT: 410 " 325 MA.
SIZE: 7½x3x3½; WT: 8½ LB
PRICE: USED \$7.95



Size 4½ x 5½ x 6½, Wt. 10½ lbs.

ED-83 DYNAMOTOR

INPUT: 14 VDC 6.5 AMPS.
OUTPUT: 375 VDC 150 MA.

CW21441 DYNAMOTOR

INPUT: 28 VDC 2.9 AMP
OUTPUT: 330 " 135 MA
NEW \$3.95

DM-416 DYNAMOTOR

INPUT: 28 VDC 3.1 AMPS.
OUTPUT: 330 VDC 170 MA.
Used \$1.95 Unused \$3.95

ED-93 DYNAMOTOR

INPUT: 28 VDC 3.2 AMPS.
OUTPUT: 375 VDC 150 MA.
Used \$2.95 Unused \$4.95



Size 4 x 7 x 6½, Wt. 10½ lbs.

PE-133 DYNAMOTOR

INPUT: 12 VDC 2.3 AMPS.
OUTPUT: 230 VDC 90 MA.
Used \$4.95 Unused \$6.95



Size 5½ x 6 x 8½, Wt. 12½ lbs.

TYPE 377 DYNAMOTOR

INPUT: 14 VDC 8 AMPS.
OUTPUT: 425 VDC 163 MA.
Used \$6.95 Unused \$9.95



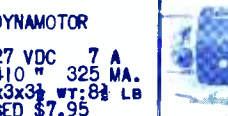
Size 5½ x 3½ x 7, Wt. 7 lbs.

DM-10 DYNAMOTOR

INPUT: 14 VDC 3.4 AMPS.
OUTPUT: 172 VDC 138 MA.
PRICE: USED \$3.95



INPUT: 14/28 VDC 3.3/1.6 A
OUTPUT: 230 VDC 100 MA.
SIZE: 3½x3½x6; WT: 6 LBS.
UNUSED \$6.95



DA-14A SPECIAL WITH BASE

INPUT: 18 VDC 3.5 Amp.
OUTPUT: 450 " 80 MA.
Size 4 x 4 x 6 Wt. 6 lb.
Shaft size ½ x 1
Price less End Bells \$2.95
Price with one Bells 3.95
Price with Two Bells 4.95



Size 4½ x 4½ x 8½, Wt. 13 lbs.

DM-35 DYNAMOTOR

INPUT: 12.5 VDC 18.7 AMPS.
OUTPUT: 625 VDC 225 MA.

NOT AVAILABLE

DM-37 DYNAMOTOR

INPUT: 25.5 VDC 9.2 AMPS.
OUTPUT: 625 VDC 225 MA.
Used \$2.95 Unused \$4.95



BD-69 DYNAMOTOR
INPUT: 14 VDC 2.8 AMPS.
OUTPUT: 220 " 80 MA.
SIZE: 6½x6x4½; WT: 10 LBS.
UNUSED \$3.95



CAY-21772 DYNAMOTOR
INPUT: 12 VDC 3 AMPS.
OUTPUT: 235 VDC 75 MA.
SIZE: 6½x5x4 w/WTG. 7 LBS.
UNUSED \$4.95



INPUT: 28 VDC 1.6 AMP
OUTPUT: 230 VDC 100 MA
SIZE: 3½x3x5½; WT: 6 LBS.
UNUSED \$4.95



DM-33 DYNAMOTOR

INPUT: 28 VDC 5 AMPS.
OUTPUT: 575 VDC 160 MA.

USED CHECKED \$3.75
Size 3½ x 4 x 7½, Wt. 8½ lbs.

DY-22 DYNAMOTOR

INPUT: 28 VDC 1.8 AMPS.
OUTPUT: 210 VDC 125 MA.
Price: Used \$4.95

Size 3½x3½x6½; Wt. 5 lbs.



DA-14A SPECIAL WITH BASE




Stock #W-114

AC-DC Motors

Hi-Speed


Gear Reductions

Blowers

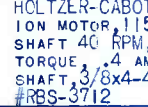


DELCO PM MOTOR 250 RPM #5067127
27 VDC WITH GEAR ATTACHED TO 1/2" SHAFT
REMOVABLE MOUNTING, 8 OZ. INCH TORQUE
REMOVED FROM NEW EQUIPMENT.
PRICE \$4.95

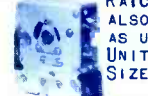
SIZE: 4x1 1/2x1 1/2
WT: 8oz. GE SAME AS ABOVE NOT PM #5BA10AJ8D \$3.95



ELECTRIC WINDING TIMER MOTOR 6 VOLT D.C.
WILL MAKE ONE REVOLUTION PER HOUR THEN
AUTOMATICLY REWIND. SHAT SIZE 5/8 X 3/16
THREADED ALSO HAS A DISC WITH ARM MOUNTE
TO IT. HOUSED IN METAL BOX 3 1/2 X 3 X 3; 1 LB
BORG#D257764 PRICE \$1.50



**HOLTZER-CABOT DUAL SPEED GEAR REDUCT-
ION MOTOR, 115 V.60 CYCLE, 1PHASE, ONE
SHAFT 40 RPM, OTHER 165 RPM 24 OZ. IN
TORQUE, .4 AMP. MOTOR SIZE 4 1/2 X 4 1/2 X 5 1/2,
SHAFT, 3/8 X 4-40RPM, 1/8 X 3/8-165RPM.
#RBS-3712 \$9.95**



**RATCHET MOTOR, 24 VOLT DC 60 RPM CONTINUOUS
ALSO 3 POSITION STOP. BAND SWITCH ASSEMBLY
AS USED IN R-5/ARN-7 COMPASS RECEIVER.
UNIT WILL ALSO OPERATE ON 18 TO 24 VDC.
SIZE: 3x4x1 1/2. WT: 1 1/2 LBS. STK# 609-ARN-7
PRICE: \$1.25**




**WESTINGHOUSE BUSINESS MACHINE MOTOR 25 MHP
115 VOLTS 50/60 CYCLE .5/4 AMPE
TYPE FL 4.0/3.0 MFD. 1425/1725
RPM. SIZE: 4 1/2 X 4 X 4; WT: 5 LBS.
SHAFT 5/16 X 3/4 FLATENED. FOR USE
IN RUBBER SHOCK MOUNTING BRACKE
PRICE: NEW \$2.95**



**TELETYPE AC #5BA65AA29
95A130 VOLTS 50/60 CYCLE,
1 PHASE, 1/25 HP, 2100RPM,
SERIES WD, .8 AMPS.
COMPLETE WITH FILTER ASSY,
GOVERNOR CONTROL & LIGHT.
MOTOR SIZE 5 1/2 X 5 1/2, DOUBLE
END SHAFT SIZE 3/8 X 1 1/2 &
3/8 X 3/4. TOTAL WT. 15 1/2 LBS
REMOVED FORM EQUIPMENT BUT
IN EXCELLENT CONDITION.
PRICE: \$4.95**




**BODINE GEAR HEAD #NYC-12
115 VOLT 60 CYCLE .2 AMP.
1 PHASE, 1800 RPM, 1/150 HP.
CONTINUOUS.
GEARHEAD .30 TO 1 RATIO,
60 RPM, 3 IN. LBS. TORQUE.
SIZE 6 1/2 X 3 1/2 X 3, SHAFT 5/16 X 1 1/2
WT: 5 1/2 LBS.
PRICE: \$18.95**



**GENERAL ELECTRIC #5PD52EA46
115 VOLT DC .22 AMP, 5W HP
3000 RPM. RUBBER SHOCK MTG.
MOTOR SIZE 4 1/2 X 3 1/2, SHAFT SIZE
1 1/2 X 5/16. WT: 3 1/2 LBS.
STK#GK7884274-P1 \$2.95**




**PM MOTOR ASSEMBLY & GEAR TRAIN
USED IN R-44 RECEIVER FOR REMOTE
TUNING. CONTAINS DELCO PM MOTOR
#5069370, 10,000 RPM ATTACHED TO
A GEAR ASSY. THAT HAS TWO SHAFTS
80 RPM AND IS GEARED TO TWO
SHAFTS WITH 3" & 1" GEARS THAT
THAT TURN AT 40 & 80 RPM. ASSY
SIZE 4 1/2 X 6 X 3; SHAFT SIZES 1/2 X 3/4
WT: 3 1/2 LBS. STK. #3H3100-15
PRICE: \$4.95**




**General Electric 5BA25AJ32B Flange
type mount. 24 VDC @ 2.9A 7000
RPM 3 Wire reversible with Magnetic
brake. Size 2 1/2" X 4 1/2" L. Shaft
3/16 X 3/4 Splined Wt. 2 1/2 lbs.
Price, Motor only..... \$ 2.95**




**DELCO P.M. MOTOR #5069466, 27.5 VDC
IN ALUMINUM CASE GEARED TO WORM GEAR
MOTOR SIZE 1 1/2 X 1 1/2 X 2 1/2, 10,000 RPM.
CASE SIZE 2 1/2 X 2 1/2 X 2 LESS MTG. SIZE.
WORM GEAR 2000 RPM, WT: 2 LBS.
STK# 3H3100A-1 Price: \$2.95**




**John Oster type C 24A-1B - KS-5B29-
OT 27 VDC 1/100 HP 7000 RPM DC
Series Motor 2" D X 3" L. Shaft
1/2 X 1 Wt. 1 lb.....Price \$.75**




**6 VOLT DC MOTOR, REVERSIBLE 1/20 H.P.
SHAFT 1/2 X 3/4, FRONT END MOUNTING STDS.
MOTOR SIZE 3 1/2 X 3; WT: 4 LBS. APP 3000 RPM
G16VDC-R PRICE: \$1.25**




**Windshield Wiper Motor 24VDC. Very power-
ful. May be used wherever an oscillation
motion is desired such as stirring or
agitation. Size 2 X 3 1/2 X 3 5/8. Shaft ex-
tends out 1 1/2" from the Motor. Wt. 1 lb.
10 oz. Stock No. 10D24. Price.....\$2.95**



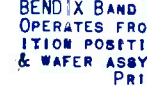
**Delco 5069370 27 VDC Reversible PM
Motor and Gear assm. in an Aluminum
case. Output speed is 80 RPM through a
friction clutch to a double shaft 1/2 X
3/4 on one side, 1/2 X 1 1/2 on the other.
Size complete assm. 3 5/8 X 2 X 4 1/2 ex-
cluding shaft. Has built in noise
filter system. Wt. 1 lb. 5 oz.
Price..... \$ 4.95**



**Same Motor as used in above
assm. Size 1 1/8 X 1 1/2 X 2 1/2.
Wt. 4 Oz. Price..... \$2.95**




**Air Associates FF1530 Gear reduction
24 VDC @ .8A. 25 lb. in Torque, 5
RPM Reversible. Size 4 1/2 X 3 1/2 X 5 1/2.
Keyed Shaft 1/2 X 1 3/4 with a 4" arm
attached. Wt. 5 lb. Price \$ 4.95**




**BENDIX BAND CHANGE MOTOR #AC56566-2
OPERATES FROM 28 VDC. THREE POS-
ITION POSITIVE STOP. WITH SWITCHES
& WAFER ASSY. SIZE: 6 X 3 X 2 WT: 1 LB.
PRICE: \$2.95**



**DELCO 5069790 PM 100 R.P.M.
27 VDC WITH GEAR ATTACHED TC
1/2 INCH SHAFT 3/4 INCH LONG.
MOTOR SIZE 1 1/2 X 4. WT: 8 oz.
PRICE: \$3.95**




**Bendix LMI08J 24VDC 1/25 HP 15,000 RPM
Series Motor. Geneva Loc. Actuator. Shaft
rotates 1/4 revolution and stops and is
locked in place until next contact is
made then the cycle is repeated-time per
cycle app. 3 seconds. Size 4 X 2 1/2 X 5 1/2.
Shaft size 1/2 X 1/2. Wt. 1 lb. 14 oz.
Price..... \$ 4.95**




**General Electric 5BA25MJ424 - Type BA
24 V @ 4.2A 7100 RPM 1/20 HP Flange
mount Motor size 2 1/2" X 5". Shaft size
1/2 X 1 Wt. 3 1/2 lbs. Price..... \$1.95**



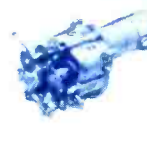
**ELECTROLUX Motor 28.5 VDC. 1.8 AMPS.
2200 RPM. 1/35 H.P. SHAFT SIZE 1 1/2 X 1/2
MOTOR SIZE: 4 1/2 X 3 1/2 WT: 5 LBS.
PRICE: \$3.95**



**Air Associates FF1220W1-Gear Red-
uction. Either end or Base Mount.
27V @ 1.75A-1/75 HP 960 RPM with
Governor control. Size 2 1/2 X 2 3/4
X 5 1/2. Shaft 1/2 X 3/8. Wt. 1 lb.
12 oz. Price..... \$3.95**



**GEARHEAD MOTOR 28 VDC BARGE HEAVY DUTY REVERSIBLE
100-200 RPM, 2 1/2 LB. FT. TORQUE WITH SPROCKET, ONE INCH
SCREW JACK 20" LONG WITH BALL
JOINT & MTG. FLANGE ONE END AND FL
BALL BEARING OTHER END. POSITIONER
BRACKET 6" LG X 3 1/2" W. & SPROCKET.
MOTOR SIZE 7 1/2 X 10 X 4 1/2.
TOTAL WT. 21 LBS.
STK# T80-4875 PRICE: \$8.95**




**John Oster Shunt Motor R-9-1 27 1/2 VDC
@ .7A. 5600 RPM. Aluminum Cased Motor
and Gear assm. Motor is flange mount-
ed to the Gear case. 2 gear reductions
22 and 5 1/2 RPM on 1/2 X 1 1/2 shafts. Size
2 3/4 X 3 X 7". Wt. 1 lb. 14 oz.
Price..... \$1.00**



**DELCO PM BLOWER
DELCO motor #506871, 27
volts DC 10,000 RPM &
Blower Assy. overall
size 2 5/8 x 2 1/2 x 3
WT. 9 oz.
Motor-Blower \$3.95 Motor only \$2.95**




**OSTER 10 CFM Blower
John Oster motor G2EP-1A
27.5 VDC 1/100 HP 6000
RPM with blower 10CFM.
Size 3 1/2 x 3 1/2 x 4 1/2
Motor & Blower \$3.95 Motor only 1.95**



**400 CYCLE BLOWER
Eastern Air Devices
10 CFM Blower 115 Volt
400 cycle, 1/100 HP
motor. Size 3 1/2 X 3 1/2 X 1 1/2
WT. 1 lbs.
PRICE: \$2.95**



**PINCOR BLOWER
Cast Aluminum hous-
ing shunt type motor
24 VDC 5000 RPM, 10
CFM blower. Motor
noise filtered. WT 1 lb
10 oz. Size 3 1/2 X 1 1/2 X 1 1/2
PRICE: \$2.95**



**OPEN TYPE BLOWER
Delco motor 5069267 27 VDC
6000 RPM, reversible shunt
type, flange mount. WT 1 lb
size 1-3/4x2-5/8x2 1/2.
Motor-Blower \$1.95 Motor only \$1.50**



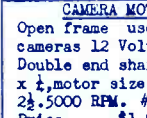
**DELCO PM MOTOR 12 VDC
10,000 RPM, GEARED
TO ASSY. APPROX 250
TO PLASTIC WHEEL &
POT. 4x3 1/2x2; 1 LB.
#5092543/2 \$4.95
MOTOR ONLY 3.95**



**PHILCO GEAR REDUCTION
NO. 441-1008, 24 vdc,
3.7 RPM 40 LB. IN. TOR-
QUE, SHAFT 5/16 X 5/8,
MOTOR 4x3 1/2 X 5 1/2; 4 LBS
\$5.95**




**NAVY PM MOTOR
27 VDC
1/150 H.P.
5000 R.P.M
SHAFT 3/4 X 3/16
MOTOR 1 1/2 X 1 1/2 X 2
WT: 8 oz. STK# J942-BUO-676213
PRICE: \$1.95**




**CAMERA MOTOR
Open frame used in aircraft
cameras 12 Volt AC-DC
Double end shaft 1/8
x 1/2, motor size 2 1/2
x 2 1/2, 5000 RPM. # GM-120
Price \$1.95**



**RL-42 REEL MOTOR & GEAR BOX
24 VDC 1/8 HP, REVER-
SIBLE WITH MAGNETIC
CLUTCH, LIMIT
MICROSWITCH-
ES ETC. USED
IN AIRCRAFT FOR LETT-
ING OUT & REELING IN ANTENNA
THAT IS WOUND ON MC-235 BOBBIN
MOTOR & GEAR BOX, USED \$3.75
MC-235 BOBBIN WITH 200 FT OF
ANTENNA WIRE \$1.50
MC-235 BOBBIN REEL ONLY \$.50**



**SYNCHRON TIMER MOTOR
110 VOLT 60 CYCLE 3
WATT, 1 RPM, MODEL
610, 4 MTG. HOLES,
GEAR SHAFT, SIZE 2 X 1 1/2
WT: 6 oz. PRICE \$1.25**



**HEAVY DUTY
REVERSIBLE
TYPE GEAR
HEAD MOTOR
JOHN OSTER
#KU-11-IR
28 VDC 100 - 200RPM
8 AMP 2 1/2 lb. FT.
torque. Size 7 1/2 x 10 x 4 1/2 Wt. 12 lbs
Shaft size 7/16 x 3/4. Price \$5.95**

BULL'S EYE INDICATOR LIGHTS
 CHROME BRASS, RED LENSE. CANDELABRA SCREW BASE, 1" HOLE MTG. 1 1/8 x 3" LG. #275988 \$.39 EA. 3 FOR \$1.00

DULL FINISHED BRASS, RED LENSE DOUBLE CONTACT BAYONET BASE,
 WITH 12 VOLT LAMP LM-44, 1 INCH HOLE MTG. SIZE 1 1/2 x 3. #226125-22 PRICE: \$.39 EA. 3 FOR \$1.00

FLASH LAMP
 A GASEOUS DISCHARGE FLASH LAMP AS USED IN VVX-1 INDENTIFICATION EQUIPMENT. 200 WATT SECOND 3 PRONG BASE. SYLVANIA #1073/4330 CAN BE USED IN PHOTO-FLASH

\$1.95 EACH. 3 FOR \$5.00

CAPACITOR 23 TO 28 MFD 1000 VDC CONT. 2000 VDC INTER. CAN BE USED FOR ASSY. IN PHOTO-FLASH WORK. GE#25F454, 7x3x3/8, 5LBS. \$6.95

RUBBER SHOCK MOUNTS
 MTG HOLES 2" CENTERS
 6 LB. #6 \$.35
 14 LB. #14 .50
 10 LB (ILLUS) #5150 .40

CERAMIC COUPLER 2"
 DIA. 3/4" SHAFT EA. SIDE
 STK#SWTU-5 PRICE: \$.50

GIANT 4 CONTACT CERAMIC FOR 872, 211 ETC. 3/8" RD. GE#ML7461594-G1 PRICE: USED \$.39

GIANT 4 CONTACT CERAMIC SOCKET FOR 715, 718 ETC. 3/8" RE STK#227684.98 PRICE: NEW \$.50

GIANT TUBE SOCKET 7 CONTACT FOR 813 4E27A ETC. 2 1/2" SQ GE#M7466795-1/442 PRICE: \$.75 USED

BAND CHANGE SWITCH 9 CERAMIC WAFERS, RIGHT ANGLE BEVEL GEAR DRIVE SILVER CONTACTS.

SIZE 12x2x2 1/2
 STK#SW11014 PRICE: NEW \$1.50

TERMINAL STRIPS WITH CLIPPED WIRES

AMT. TERMINALS - 6 - 8 - 10 - 12 - 14
 1" WIDE EACH .15 .20 .25 .30 .35
 1 1/2" WIDE .20 .25 .30 .35 .40

BINDING POSTS 7 ON A BAKE-LITE STRIP, THUMB SCREW TYPE TERMINALS. REMOVED FROM EQUIP. PRICE: \$.35 EA. 3 FOR \$1

TELEPHONE SIGNAL DROP SWITCH BOARD UNIT WITH MOMENTARY & HOLD MULTI-CONTACT LEVER SW RING IN DROP RELAY & PHONE JACK. SIZE 1 1/2 x 8 x 3. WT: 1 LB. FEE-2 \$.39 EA. 3 FOR \$1 USED PL-11 PLUG ON 30" CORD \$.35 EA.

SW-118 SWITCH ASSY. SPST, ONE SIDE HOLDING ON - OTHER SIDE MOMENTARY ON CENTER OFF SWITCH SIZE 2x1, CASE SIZE 2x1. PRICE: \$.35 EA. 3 FOR \$1.00

B-9A SWITCH ASSY SPDT CENTER OFF 5 AMP. 125 VOLTS TWO HOLE MTG. SIZE: EA. SW3/4 X2X1. \$.35 EACH BANK OF FOUR \$1.

Capacitors

MFD	VDC	SIZE	PRICE
2000	15	1 1/2 x 4 1/2 RD	\$.59
1000	50	1 1/2 x 4 1/2 RD	.55
8000	55	3 x 6 RD	1.75
24000	3	4 x 3 RD	1.50
4	400	2 1/2 x 3 1/2 x 1 1/2	.25
5x5	400	3 1/2 x 3 1/2 x 2	.50
10	400	4 x 4 x 1	.75
.5	500	1 1/2 x 1 1/2 x 1 1/2	.20
2	600	1 1/2 x 4 x 1	.25
4	600	3 x 2 x 1 1/2	.50
6	600	4 x 2 x 1 1/2	.75
7	600	4 x 4 x 2	.85
10	600	3 1/2 x 4 1/2 x 1 1/2	1.10
2 1/2 x 2 1/2 x 5	"	6 1/2 x 4 x 2	.75
1	1000	1 1/2 x 2 x 1	.50
2	1000	2 x 4 x 1	.75
15	1000	3 1/2 x 4 x 2 1/2	2.95
1	2000	2 x 3 x 1	1.25
4	2000	3 1/2 x 4 x 2 1/2	3.95
.5	2500	3 1/2 x 3 x 1	.75
MFD	VAC	SIZE	PRICE
15	440	4 x 3 x 4	1.95
5	660	3 1/2 x 4 x 1 1/2	1.25
1	1000	3 1/2 x 4 x 2	.75

POTENTIOMETER 100 WATT, 100,000 OHM IN 20 STEPS 5000 OHM EACH WITH HEAVY DUTY CONTACTS & INSULATED TERMINALS 7 SHAFT. DAVEN#1373 SIZE: 5 1/2 x 3 1/2, SHAFT 1-3/8 x 3/8. WT: 1 1/2 LB. STK#227281-3 \$1.25

POTENTIOMETER PRECISION TYPE, WIRE WOUND, 2 SEC 10,000 OHMS EACH 6 W. 3 SOLDER LUGS EA. SEC. SIZE 3x5 1/2. WT: 1 LB. STK#227284-29 \$.75

MFD	VDC	SIZE	PRICE
156K	106K	605K	405K
15 MF	10 MF	6 W	4 W
1000	600 V	600	600
15	1000	3 1/2 x 4 1/2 x 2 1/2	\$2.95
10	600	3 1/2 x 4 1/2 x 1 1/2	1.10
6	600	4 x 2 x 1 1/2	.75
4	600	3 1/2 x 2 x 1 1/2	.50

Switches

Switches removed from new equip.

TYPE	MTG	VOLTS	ST#	PRICE
S.P.S.T.	NUT 3A	125	SW-105	.20
S.P.D.T.	"	"	8829K1	.35
4.P.S.T.	"	"	883K2	.55
4.P.D.T.	"	"	SW-155	1.00
D.P.S.T.	"	"	882K1	.35
D.P.D.T.	"	"	SWF221	.50
S.P.S.T.	"	"	881K2	.25
(Momentary)				
D.P.D.T.	"	"	ST-22R	.40

SWITCH HEAVY DUTY TAP SWITCH 5 POSITION FOUR HOLE MOUNTING SIZE: 2 1/2 x 2 1/2 x 1 1/2 STK# 329627 \$1.50

ANTENNA CIRCUIT SWITCHING SWITCH 100 WATT Size 4 1/2 x 2-3/4" 3/Make 3/Break #329626 \$2.50

Vibrators

VB-16/6, 12 or 24 volt for PE-237 \$3.95

TYPES LISTED BELOW \$1.95 Each

VB-1 /6 volt for PE-117 PE-97 & PE-237 (Same as VB-7)

VS-3 /6 volt for PE-104 (Same as Mall-550C)

G534/12 volt for PE-110

VB-8 /2 volt for PE-157

VB-9 /6 volt for PE-157

VB-11/24 " for PE-120

VB-12/6 " for PE-120

VB-13/12 " for PE-120

Rheostats

STK# WATTS OHMS PRICE

327345-1 150 4500 \$1.50

353-5049 50 8 .75

PR-833 50 200 .75

327275-4 25 750 .60

5895 DUAL 50 20 \$1.50

SPREADER INSULATORS WHITE CERA 3/4"x4"x2 1/2" HOLE CENTERS. \$.25 EACH 5 FOR \$1.00 3/4"x12", 10" HOLE CENTERS \$.45 EACH, 3 FOR \$1.25

Breakers

CAT. # VOLTS AMPS. PRICE

P-011 125 AC 12 \$1.50

3H900-1.25 115 AC 1 1/2 A 1.00

3H900-3-2 115 AC 3 A 1.00

62349M6 117 AC 1.25 2.50 (3 POLE)

8751K4 30 DC 10 .50

Relays

ANTENNA Change over RELAY 12 Volt DC 2 Break 2 Make 100 Watt Stock # 2C6191/L1 Price \$3.95

DYNAMOTOR STARTING Relay 14 volt DC S.P.S.T. 43 AMP. Stock#3HL777A/3 Price \$2.50

RATCHET TYPE BAND CHANGE MOTOR AS USED IN SCR-522 FOUR POSITION 12 VDC OPERATION. STK# 3H3112 REMOVED FROM EQUIPMENT. PRICE: \$2.50

SPERTI VACUUM SWITCH AS USED IN ART-13 TRANSMITTER KEYING RELAY DESCRIBED BELOW, SPOT STK#329847-4.5 PRICE \$11.50

Kits \$1.00

DISC CERAMIC CONDENSERS 33 ASST. 15MMF-.61MFD. Good Value \$1.00 a KIT

TUBULAR CONDENSER 50 ASST. .00025 to .1 200 to 600 V \$1.00 a KIT

MICA CONDENSERS 25 ASST. 10 MMFD To 6800 MMFD. \$1.00 a KIT

TRIMMER CONDENSERS 25 ASST. 3 to 280MMF WIDE RANGE \$1.00 KIT.

RESISTORS INSULATED 50 ASST. 1/2, 1 & 2 Watt wide range of good values 50 ASSORTED \$1.00

RESISTORS WIREWOUND 25 ASST. 5 to 20 Watt. Wide range of values some tapped. 25 ASST \$1.00

VOLUME CONTROLS 10 ASST. Popular Values \$1.00

TUBE SOCKETS 20 ASST. Octals Locals Minatures Wafers etc \$1.00

PILOT LIGHT SOCKETS 25 ASST Bayonet Screw etc. \$1.00

TERMINAL STRIPS, Tie lug strips, ASST types. 25 for \$1.00

TERMINAL LUGS, ring spade, crimp types. Wide variety of sizes for all uses in clear plastic box, Approx 200 PCS \$1.00

ROTARY SWITCHES BRAND NEW ORDER NOW 6 for \$1.00

BATHUB CONDENSER KIT 1 MFD to 1. MFD. up to 600 Volt. 10 FOR \$1.00

HARDWARE KIT NUTS, WASHERS SCREWS, RIVET GROMMETS ETC. 1 1/2 LBS. \$1.00

B-8 GUN CONTROL SWITCH HAND GRIP. 3 MOMENTARY PUSH, 1 TRIGGER & 1 3 WAY THUMB. W/CONN. PLUG \$1.00

THERMOSTAT SWITCHES KIT OF 5 \$1.00

MICRO-SWITCHES KIT OF 5 \$1.00

BC-603, BC-683 BC-604 & BC-684 SPARE PARTS CHEST FOR STORING TUBES & PARTS. SAME BIZ & SHAPE AS RECEIVERS 2 COMPARTMENTS. SIZE 7x11 1/2 x 11 WT \$1.00

METAL BOX WITH REMOVEABLE TOP, CUTOUPS FOR AC OUT LETS & SWITCH. SIZE: 6 1/2 x 4 1/2 x 4 1/2 PRICE: \$.50

ALARM BELL OPERATES ON 24 VOLTS DC OR AC. SIZE 3 1/2 x 2. EDWARDS # 95606. BLACK ONLY \$1.00

HORSESHOE MAGNETS 5 lb. Lift 2 1/2 x 3/8" 1/2 lb. \$.50 25 lb. Lift 2 1/2 x 1 1/2 1 1/2 lb. 2.90 75 lb. Lift 4 x 3 x 3 1/2 1 1/2 lb. 5.95

HAND TYPE MAGNETO GENERATOR USED FOR RINGING TELEPHONE LINES, OUTPUT ABOUT 100 VOLTS. CAN ALSO BE USED AS SHOCK MACHINE, LIGHT SMALL BELL BULBS OR DRIVE WORMS OUT OF YOUR LAWN BY PLACING THE THE OUTPUT TO METAL STAKES AND DRIVING THEM INTO GND.

GN-38 WITH THREE MAGNETS \$2.95

GN-38B PERMANENT MAGNETS 2"x1" \$3.95

GN-41B PERMANENT MAGNETS 3"x1 1/2" \$4.95

GN-38A WITH COIL MAGNET \$2.95

G-25A ROUND TYPE MAGNETO \$2.50

THUMB-IT WHEEL WAFER SWITCH NUMBERED. EACH SWITCH CAN BE MOUNTED SINGLY OR IN BANKS. SIZE EACH SECTION 2 1/2 x 2 1/2. REMOVED FROM EQUIP. PRICE: 11 CONTACT... \$.50 19 CONTACT... .75

25 Precision Resistor Ass't WIRE WOUND OR CARBON 1% OR BETTER GOOD VALUES. \$1.00 50 TINY CAPACITORS SELECTED TINY ASST PAPER & CERAMIC X GOOD VALUES. \$1.00


WIRE ASSORTMENT SIX 25 FT. COILS FULLY INSULATED STANDARD SIZES TINNED COPPER ASST. COLORS \$1.00

MINIMUM ORDER \$3.00

Power Transformer Filament Modulation Microphone Chokes

 <p>PRI: 115/230 60 cyc SEC: 800 CT. 120 MA 6.4 4.5 AMP 5 2 6.3 .6 6.4 450 MA Size 5x5x6 WT. 13 lbs. Stock # 229621-380 PRICE: \$2.95</p>	 <p>PRI: 115/230 V 60 cyc SEC: 240 VCT 35 MA 24 V .9 AMP 6.3 " .6 6.3 " .3 Size 3x3x3 WT. 4 lbs. Stock # RM-13-317 Price \$1.25</p>	 <p>PRI: 115 60 CYC SEC: 600 CT 100 MA 12.5 " 3 A 12.5 " 3 A 5.0 " 3 A Size: 3x3x4; WT: 5 STK#229828 USED WITH RA20 PRICE: \$3.95</p>	 <p>PRI: 115/230 60 cyc SEC: 750-0-750 1.66 AMP/1.66 SIZE: 13x10x11 WT: 115 LBS. STK#229607-16 PRICE: \$29.50</p>	 <p>MODULATION TRANSFORMER Watts 20 Response Response 200-5000-1DB Pri. 2 6000 SEC. 2 6000 Collins #677-2010-00 Size 2x2x3 WT. 3 lbs Stock# 229634.53 Price \$2.95</p>	 <p>PRI: 115 V 60 CYC. 1200 200 MA. 12.5 2 AMP. 12.5 2 AMP. 5 3 AMP. Size 4x4x4 WT. 10 lbs Stock # FAIR-617 Price \$8.95 DESIGNED FOR COMMAND TRANSMITTER</p>	 <p>6 HY 75 MA 150 OHM 3x3x2 WT: 2 STK#3C316-7 PRICE: \$.79</p>	 <p>14 HY 125MA 275 OHMS. 2x3x5 308-708-060 \$1.25</p>
 <p>PRI: 115 V 60 cyc. SEC: 1080 CT. 142 MA. 6.3 1 AMP. 6.3 2 AMP. 5 3 AMP. Size 5x5x5 WT. 14 lbs Stock # 229613.52 PRICE: \$3.95</p>	 <p>PRI: 115 v. 60cy SEC: 24 V. 1.5 A 5 V. 6.0 A 6x4x2 WT: 8LB #229621-508 \$1.95</p>	 <p>AUTO VIBRATOR TRANSFORMER VIBRATOR 12/115CY SEC: 248CT 90 MA 1 2.4 AM 115 CYCLE SIZE: 2x3x3 WT4 STK#229625-75 PRICE: \$1.50</p>	 <p>PRI: 115-230 60c SEC: 42 VCT 2 A 2.0 " 12 A 9x4x5; WT: 15LB #3H4674B-1/T6 \$6.95</p>	 <p>PRI: 115 V 60cy SEC: 750CT 150MA 6.3CT 5 A 5.0 4 A 4x4x3 9 LBS. TG-10/27290 \$2.75</p>	 <p>TYPE AS FAIR#617 PRI: 115 V 60 CY SEC: 550CT 150 MA 12 V 4 A 5 V 3 A SIZE: 4x5x4; 7 LBS. STK# FAIR-490 PRICE: \$7.95 DESIGNED FOR BC-923</p>	 <p>DUAL CHOKE 11 HY 100 MA. 200 OHMS. 4x4x5 WT. 8 lb ST. 30557P-1 ORD#459360 PRICE: \$.75</p>	 <p>5 HY 250 MA 80 OHMS 3x4x3 6LB ORD#459360 \$2.50</p>
 <p>PRI: 115 V 60 cyc. SEC: 624 CT. 70 MA. 6.3 2.1 AMP. 5 3 Size 3x4x6 WT. 8 lbs. Stock # 229611.39 PRICE: \$1.95</p>	 <p>PRI: 115 V/50-60C SEC: 720 CT/200MA 12.6 3 A 6.6 10 A 5.25 3 A S/5x4x5 WT. STK.# 203533 PRICE: \$4.95</p>	 <p>VIBRATOR 12/115CY SEC: 300 CT 100MA. 27 CT 2MA. SIZE: 3x3x3 WT: 4LB STK#229625-73 PRICE: \$1.50</p>	 <p>PRI: 115 V 60 cyc SEC: 6.3 V 2.7 AMP SIZE: 2x2x2; 1 LB. STK#5950-186-9789 PRICE: \$1.50</p>	 <p>PRI: 115 V 60 cyc SEC: 500 CT 80 MA. 24 V 2 A. 5 V 3 A. SIZE: 2x2x3 3LB. STK# FAIR-818 PRICE: \$4.95 FOR BC-603,683 COMM/ARC RECEIVER</p>	 <p>TYPE AS FAIR#617 PRI: 115 V 60 CY SEC: 500CT 125 MA 24 V 2 A. 5 V 3 A. SIZE: 4x5x4: 6 LB. STK#FAIR-1424 PRICE: \$6.95 FOR R-77/ARC-3</p>	 <p>5 HY 500 MA 28 OHM 4x5x3 WT9 STK#3C1987-72 PRICE: \$3.95</p>	 <p>25 HY 160MA 350 OHM 3x3x4 8LB 3C317-38 \$1.50</p>
 <p>PRI: 115 V 60 cyc. SEC: 624 CT. 70 MA. 6.3 2.1 AMP. 5 3 Size 3x4x6 WT. 8 lbs. Stock # 229611.39 PRICE: \$1.95</p>	 <p>POTENTIAL TRANS PRI: 1/2/4/10/20/ 40/100/200/40 0/1000/2000 V. SEC: 40 V 100 MA. 6x7x4 WT: 20 LB ESPEY#1-4 16,271 \$5.95</p>	 <p>AUTO-ISOLATION STEP UP-STEP DOWN PRI: 95,105,115, 125,190,210,230, 250,50/60 CYCLE 600 WATT. SEC: VOLTAGE DEPE NDS ON WHAT PRI., TAPS ARE USED. SIZE: 5x7x5 WT. 16 STK: # 229605.3 PRICE: \$7.95</p>	 <p>FILAMENT TRANSFORMER PRI: 70/100/140/200 60 CYCLE SEC: 12.6 CT .7 A 6.3 CT .9 A 6.3 CT 1.5 A 6.3 CT 1.5 A 2.5 KV TEST SIZE: 5x3x4 WT 5LB STK# GE#7465625-PI PRICE: \$2.95</p>	 <p>MODULATION TRANSFORMER WATTS: 75 PRI: 200-250 OHM SEC: GRID 813 TUBE WITH SIDETONE SIZE: 2x3x3 WT2 STK#GE7465620-1 PRICE: \$2.95</p>	 <p>PRI: 115 V 60 CYC SEC: 500 CT 80 MA. 24 V 2 A. 5 V 3 A. SIZE: 2x2x3 3LB. STK# FAIR-818 PRICE: \$4.95 FOR BC-603,683 COMM/ARC RECEIVER</p>	 <p>MICROPHONE PRI: 14.5 - 21 OHM SEC: 4475 - 6500OHM CARBON MIC. 2x3x2 2LB #P7762352G1 \$1.00</p>	 <p>17 HY 80 MA. 300 OHM 2x3x2 WT STK#3C326-31B PRICE: \$.75</p>
 <p>PRI: 210/230 60cy SEC: 3000 700 MA. TAPPED: 1500, 2100 & 1050 SIZE: 14x11x9 150LB STK# 229607-14 PRICE: \$34.95</p>	 <p>PRI: 115 v. 60 CY SEC: 1540 CT. 166A 1230 CT. 257A BOTH VOLTAGES ONE WINDING 5.1 4.5A 6.5 4.0A 6.5 .5A 7x6x6 WT: 35 LBS STK# 229613.53 \$7.95</p>	 <p>PRIMARIES: 2/100 V 60 CYCLE SECONDARY: 2.5V 2A 7.5V 1.25 21V .1A 11V 10.0A 10V 6.5A SIZE: 8x 4x6; 19LBS CAY30219 \$3.95</p>	 <p>PRI: 115 V 60 CYC SEC: 2.65V 3.5 A 2.65V 3.5 A 6.3V 3.5 A SIZE: 3x5x3 WT: 8LB #BNJT-166 \$2.50</p>	 <p>MODULATION TRANSFORMER 100 Watt RESPONSE 200 to 5000 PRI: 7000 SEC: 7000 F/BC-191/375 TRANS. size 3x4x5 WT. 5 lbs. stock # 20619/T1 Price \$3.95</p>	 <p>PRI: 115 V 60 CYC. SEC: 12.5 V 2 AMP. 12.5 2 Size 4x4x2 WT. 5 lb Stock # FAIR-5005 PRICE: \$4.95 Same style as #5005 PRI: 115 V 60 cyc SEC: 24 V 1 AMP. Size 2-3/4x2x2 WT. 2lb. Stock # FAIR-718R Price \$1.95</p>	 <p>OUTPUT TRANSFORMER #P/RS-1.77/ 6.60, 50 to 5000 CYC. 005A SIZE: 2x2x2 SEM7465623-1 PRICE: \$7.75</p>	 <p>AUDIO OUTPUT TRANSFORMER PRI: 450 ohm SEC: 300/4000 ohms Impedance PO/BC-348 STOCK# 204348M/T 2x4x2 WT. 2 lb Price \$ 1.00</p>
 <p>PRI: 115 V 60 CYC SEC: 660 CT 100 MA. 6.3 5 AMP. 5 3 Size 4x5x5 WT. 9 1/2 lb Stock # 6J23 Price \$3.95</p>	 <p>PRI: 115 60 cyc SEC: 2400 CT 106 MA Size 7x4x6 WT. 25 lb Stock#229614-152 Price \$5.95</p>	 <p>PRI: 115 V 60 CYC SEC: 700CT 200 MA 700CT 60 " 2 A 2/5.0 2 A 2/6.3 .7 A 1/6.3 8.0 A 5x5x6; GARDNER #517 \$3.95</p>	 <p>PRI: 230/460 60cy SEC: 1025 CT350MA 4 60" SIZE: 4x6x6 32LB STK#229601,84 PRICE: \$2.95 USE TWO FOR 115 V</p>	 <p>MODULATION-TRANS. 200 WATT 200-15000cyc 10b PRI. P.P PLATES 5400 OHM. SEC: 600 OHM C.T 50 V.C.T. 2400 OHM 350 MA. 4x5x4 12 LBS. #677-0388-00 PRICE: \$4.95</p>	 <p>Transformer Pri: 100 ohm Sec: 4000 " PO/BC-709 Amp. 3/4x3/4x1 1/2 ST#229931 Price \$5.9</p>	 <p>Transformer Pri: 1.5 ohm Sec: 35-35 " PO/BC-347 3/4x3/4x1 1/2 Stock#229947/421 Price \$5.9</p>	 <p>Microphone Transformer Pri: 15 ohm Sec: 5000 " 1 1/2x2 PO/BC-26/AIC ST#229631.121 Price \$5.9</p>
 <p>PRI: 115 V 60 CYC. SEC: 1100 V 75 MA. 7.5 3.25 AMP. Size 4x5x5 WT. 10 1/2 lb Stock # 229812 PRICE: \$2.95</p>	 <p>PRI: 115 60 cyc SEC: 2400 CT 106 MA Size 7x4x6 WT. 25 lb Stock#229614-152 Price \$5.95</p>	 <p>PRI: 115 V 60 CYC SEC: 700CT 200 MA 700CT 60 " 2 A 2/5.0 2 A 2/6.3 .7 A 1/6.3 8.0 A 5x5x6; GARDNER #517 \$3.95</p>	 <p>PRI: 230/460 60cy SEC: 1025 CT350MA 4 60" SIZE: 4x6x6 32LB STK#229601,84 PRICE: \$2.95 USE TWO FOR 115 V</p>	 <p>3.9 HY 950 MA. TAPPED 2.7 HY. 25 OHM DC, 2500VRMS size: 1 1/8x7; WT: 45 STK#3C315-16 PRICE: \$14.95</p>	 <p>Transformer Pri: 1.5 ohm Sec: 35-35 " PO/BC-347 3/4x3/4x1 1/2 Stock#229947/421 Price \$5.9</p>	 <p>Microphone Transformer Pri: 1 ohm Sec: 2000 " 1 1/2x2 1/2 ST#229666A Price \$5.9</p>	 <p>Microphone Transformer Pri: 15 ohm Sec: 5000 " 1 1/2x2 PO/BC-26/AIC ST#229631.121 Price \$5.9</p>

TRANSFORMERS




PRI: 115 50/60 CY
SEC: 81.5 CT 150 MA
5 3 A
6.3 4.5 A
SIZE: 4x5x4 1/2 WT 12
STK # 229613.1
PRICE: \$2.95



1-177
TUBE CHECKER
TRANSFORMER
SIZE: 4 1/2 x 4 1/2 x 5 1/2 LBS
STK # 229613.667
PRICE: \$4.95



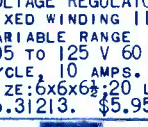
PRI: 117V 60 CYC
SEC: 36V 12 AMP.
6x7x5 1/2; 25 LBS.
6M3612 \$7.95



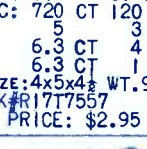
10 AMPS
WITH KNOB
TRANSTAT
VOLTAGE REGULATOR
FIXED WINDING 115
VARIABLE RANGE
103 TO 126 V 60
CYCLE, 2.17 AMPS.
5x6x6; WT: 15 LBS.
#29144 \$4.95




PRI: 115 60 CYC
SEC: 720 CT 120 MA
5 3 A
6.3 CT 4 A
6.3 CT 1 A
SIZE: 4x5x4 1/2 WT. 9 LBS
STK # 1717557
PRICE: \$2.95



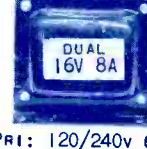
TRANSTAT
VOLTAGE REGULATOR
FIXED WINDING 115
VARIABLE RANGE
105 TO 125 V 60
CYCLE, 10 AMPS.
SIZE: 6x6x6 1/2; 20 LBS
No. 31213. \$5.95



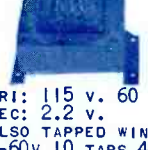
PRI: 115 60 CYC
SEC: 720 CT 120 MA
5 3 A
6.3 CT 4 A
6.3 CT 1 A
SIZE: 4x5x4 1/2 WT. 9 LBS
STK # 1717557
PRICE: \$2.95




400
CYCLE
TRANSTAT
VOLTAGE REGULATOR
FIXED WINDING 115
VARIABLE RANGE
75 TO 120 V, 400
CYCLE, 6 AMPS.
SIZE 5x6x6; 13 LB
SCNo. TF-12A \$4.95




DUAL
16V 8A
PRI: 120/240V 60C
SEC: 16 V 8 AMP
16 V 8 " "
SERIES SECONDARY
32 V 8 AMP
PARALLEL 16V16 " "
4x4x4 1/2; 13 LBS.
#1479-L018
PRICE: \$7.95




PRI: 115 V. 60 CY
SEC: 2.2 V.
ALSO TAPPED WIND.
0-60V 10 TAPS 4
VOLTS EA. 1 TAP
20V. MV AMPS 4, LOW
EST VOLTAGE 20 A.
6x4x5; WT: 25 LBS
#6120-473-6811
\$7.95



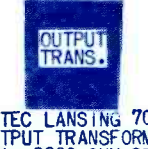
24 V
4 A
PRI: 115 V 60 CYC.
SEC: 24 V 4 AMP.
SIZE: 4x3x3 1/2 5 LBS.
STK # 307074-1/24V
PRICE: \$3.95



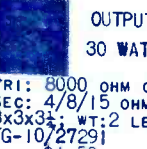
PRI: 115 V 60 CY
SEC: 2.5CT 20 A.
2.5CT 20 A.
4x4x4 1/2
#17-T-5950-1-
0059 \$4.95



12 V
2 A
PRI: 115V 60 CYCLE
SEC: 12 V 2 A AMP.
SIZE: 3x3x2 1/2; 3LBS
STK # TR-1409/8970
PRICE: \$1.50



OUTPUT
TRANS.
ALTEC LANSING 70 W
OUTPUT TRANSFORMER
PRI: 3300 OHM CT
SEC: 250 & 500 OHM
SIZE: 4 1/2 x 5 1/2 x 4 1/2, 13 LB
STK # TMJ 217A
PRICE: \$2.95



OUTPUT
30 WATT
PRI: 8000 OHM CT
SEC: 4/8/15 OHM
3x3x3 1/2; WT: 2 LBS.
TG-10/27291
\$1.50

LOW VOLTAGE TRANSFORMERS

ALL PRIMARIES 105, 110, 1120, 125 VOLT, 60 CYCL

SEC: 6.6 V 25 AMP.
4x6x4; 17 LBS.
GE#9T35Y344 \$4.95

SEC: 6.6 V 18 AMP
3x5x4; 12 LBS.
GE#9T35Y159 \$3.95

SEC: 6.6 V 10 AMP
4x3x4; 9 LBS.
GE#9T35Y158 \$2.95

SEC: 6.6 V 10 AMP.
6.6 VCT 1 " "
5x4x3 1/2; 10 LBS.
GE#9T35Y181 \$3.25

SEC: 6.3 VCT 2.5 AMP
6.3 VCT 1.0 " "
2x3x2 1/2; 3 1/2 LBS.
GE#9T35Y798 \$1.50

SEC: 6.6 VCT 2.7 AMP
2x2x2 1/2; 4 LBS.
GE#9T35Y321 \$1.25

SEC: 6.6 V 2.3 AMP
2x2x2 1/2; 4 LBS.
GE#9T35Y241 \$1.25

SEC: 6.3 VCT 1.3 AMP.
6.3 VCT 1.0 " "
2x3x2; 2 LBS.
GE#9T35Y8011

SEC: 6.3 VCT 5.0 AMP
6.3 VCT 1.0 " "
4x3x2 1/2; 4 LBS.
GE#9T35Y8012 \$2.25

SEC: 6.6 V 1.2 AMP.
2x3x2; 1 1/2 LBS.
GE#9T35Y240 \$0.80

SEC: 6.3 V 3.1 AMP.
6.3 V 2.5 " "
6.3 V 0.45 " "
6.3 V 0.30 " "
5.0 V 2.0 " "
5.0 V 2.0 " "
3x4x3 1/2; 4 LBS.
#TF1A01JA \$3.95

SEC: 6.3 V 3.1 AMP.
6.3 V 2.5 " "
6.3 V 0.45 " "
6.3 V 0.30 " "
5.0 V 2.0 " "
5.0 V 2.0 " "
3x4x3 1/2; 4 LBS.
#TF1A01JA \$3.95

SEC: 6.3 V 3.1 AMP.
6.3 V 2.5 " "
6.3 V 0.45 " "
6.3 V 0.30 " "
5.0 V 2.0 " "
5.0 V 2.0 " "
3x4x3 1/2; 4 LBS.
#TF1A01JA \$3.95

SEC: 6.3 V 3.1 AMP.
6.3 V 2.5 " "
6.3 V 0.45 " "
6.3 V 0.30 " "
5.0 V 2.0 " "
5.0 V 2.0 " "
3x4x3 1/2; 4 LBS.
#TF1A01JA \$3.95

SEC: 6.3 V 3.1 AMP.
6.3 V 2.5 " "
6.3 V 0.45 " "
6.3 V 0.30 " "
5.0 V 2.0 " "
5.0 V 2.0 " "
3x4x3 1/2; 4 LBS.
#TF1A01JA \$3.95

SEC: 6.3 V 3.1 AMP.
6.3 V 2.5 " "
6.3 V 0.45 " "
6.3 V 0.30 " "
5.0 V 2.0 " "
5.0 V 2.0 " "
3x4x3 1/2; 4 LBS.
#TF1A01JA \$3.95

SEC: 6.3 V 3.1 AMP.
6.3 V 2.5 " "
6.3 V 0.45 " "
6.3 V 0.30 " "
5.0 V 2.0 " "
5.0 V 2.0 " "
3x4x3 1/2; 4 LBS.
#TF1A01JA \$3.95

SEC: 6.3 V 3.1 AMP.
6.3 V 2.5 " "
6.3 V 0.45 " "
6.3 V 0.30 " "
5.0 V 2.0 " "
5.0 V 2.0 " "
3x4x3 1/2; 4 LBS.
#TF1A01JA \$3.95

SEC: 6.3 V 3.1 AMP.
6.3 V 2.5 " "
6.3 V 0.45 " "
6.3 V 0.30 " "
5.0 V 2.0 " "
5.0 V 2.0 " "
3x4x3 1/2; 4 LBS.
#TF1A01JA \$3.95

SEC: 6.3 V 3.1 AMP.
6.3 V 2.5 " "
6.3 V 0.45 " "
6.3 V 0.30 " "
5.0 V 2.0 " "
5.0 V 2.0 " "
3x4x3 1/2; 4 LBS.
#TF1A01JA \$3.95

SEC: 6.3 V 3.1 AMP.
6.3 V 2.5 " "
6.3 V 0.45 " "
6.3 V 0.30 " "
5.0 V 2.0 " "
5.0 V 2.0 " "
3x4x3 1/2; 4 LBS.
#TF1A01JA \$3.95

SEC: 6.3 V 3.1 AMP.
6.3 V 2.5 " "
6.3 V 0.45 " "
6.3 V 0.30 " "
5.0 V 2.0 " "
5.0 V 2.0 " "
3x4x3 1/2; 4 LBS.
#TF1A01JA \$3.95

SEC: 6.3 V 3.1 AMP.
6.3 V 2.5 " "
6.3 V 0.45 " "
6.3 V 0.30 " "
5.0 V 2.0 " "
5.0 V 2.0 " "
3x4x3 1/2; 4 LBS.
#TF1A01JA \$3.95

SEC: 6.3 V 3.1 AMP.
6.3 V 2.5 " "
6.3 V 0.45 " "
6.3 V 0.30 " "
5.0 V 2.0 " "
5.0 V 2.0 " "
3x4x3 1/2; 4 LBS.
#TF1A01JA \$3.95

SEC: 6.3 V 3.1 AMP.
6.3 V 2.5 " "
6.3 V 0.45 " "
6.3 V 0.30 " "
5.0 V 2.0 " "
5.0 V 2.0 " "
3x4x3 1/2; 4 LBS.
#TF1A01JA \$3.95

SEC: 6.3 V 3.1 AMP.
6.3 V 2.5 " "
6.3 V 0.45 " "
6.3 V 0.30 " "
5.0 V 2.0 " "
5.0 V 2.0 " "
3x4x3 1/2; 4 LBS.
#TF1A01JA \$3.95

HIGH VOLTAGE TRANSFORMERS

ALL PRIMARIES 105, 110, 1120, 125 VOLT, 60 CYCL

PRI: 109, 115, 120, 126, 60CYC
SEC: 2500 VOLTS EACH SIDE
CENTER TAP RATED AT
120 MA. 6500 P.W.V.
TESTS HAVE SHOWN THAT
UNDER LOAD TRANSFORMER
WILL DELIVER 2000 VOLT
DC 300 MA.
SIZE: 7x6x6 1/2; WT: 42 LBS.
TF1A02YY \$19.95

PRI: 105-110-115-
120-125
SEC: 365 V. TAPPED
335 V.
500 MA.
4x5x3 1/2 IN. 13 LBS
TF1A02LA \$2.95

PRI: 105-110-115-
120-125
SEC: 620 V 425 MA
TAP. 590 V 260 MA
5x6x4 1/2; 23 LBS.
GE7415210 \$3.95

PRI: 105-110-115-
120-125
SEC: 365 V 775 MA
TAP. 340 V 525 MA
850CT 30 MA
5 V 2 A
6x7x5 1/2 30 LBS.
GE7415214 \$4.95

PRI: 105-110-115-
120-125
SEC: 560CT 75 MA
365 V 150 MA
TAP 335 V
3x5x3 1/2 8 LBS.
TF1A02JA \$1.95

PRI: 105-110-115-
120-125
SEC: 560CT 75 MA
365 V 150 MA
TAP 335 V
3x5x3 1/2 8 LBS.
TF1A02JA \$1.95

PRI: 105-110-115-
120-125
SEC: 560CT 75 MA
365 V 150 MA
TAP 335 V
3x5x3 1/2 8 LBS.
TF1A02JA \$1.95

PRI: 105-110-115-
120-125
SEC: 560CT 75 MA
365 V 150 MA
TAP 335 V
3x5x3 1/2 8 LBS.
TF1A02JA \$1.95

PRI: 105-110-115-
120-125
SEC: 560CT 75 MA
365 V 150 MA
TAP 335 V
3x5x3 1/2 8 LBS.
TF1A02JA \$1.95

PRI: 105-110-115-
120-125
SEC: 560CT 75 MA
365 V 150 MA
TAP 335 V
3x5x3 1/2 8 LBS.
TF1A02JA \$1.95

PRI: 105-110-115-
120-125
SEC: 560CT 75 MA
365 V 150 MA
TAP 335 V
3x5x3 1/2 8 LBS.
TF1A02JA \$1.95

PRI: 105-110-115-
120-125
SEC: 560CT 75 MA
365 V 150 MA
TAP 335 V
3x5x3 1/2 8 LBS.
TF1A02JA \$1.95

PRI: 105-110-115-
120-125
SEC: 560CT 75 MA
365 V 150 MA
TAP 335 V
3x5x3 1/2 8 LBS.
TF1A02JA \$1.95

PRI: 105-110-115-
120-125
SEC: 560CT 75 MA
365 V 150 MA
TAP 335 V
3x5x3 1/2 8 LBS.
TF1A02JA \$1.95

PRI: 105-110-115-
120-125
SEC: 560CT 75 MA
365 V 150 MA
TAP 335 V
3x5x3 1/2 8 LBS.
TF1A02JA \$1.95

PRI: 105-110-115-
120-125
SEC: 560CT 75 MA
365 V 150 MA
TAP 335 V
3x5x3 1/2 8 LBS.
TF1A02JA \$1.95

PRI: 105-110-115-
120-125
SEC: 560CT 75 MA
365 V 150 MA
TAP 335 V
3x5x3 1/2 8 LBS.
TF1A02JA \$1.95

PRI: 105-110-115-
120-125
SEC: 560CT 75 MA
365 V 150 MA
TAP 335 V
3x5x3 1/2 8 LBS.
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TF1A02JA \$1.95

PRI: 105-110-115-
120-125
SEC: 560CT 75 MA
365 V 150 MA
TAP 335 V
3x5x3 1/2 8 LBS.
TF1A02JA \$1.95



PRI: 115 V 60 CY
SEC: 880CT 260 MA
SIZE: 4x5x4 10LB
STK#7629825
PRICE: \$4.95

PRI: 115 V 60 C
SEC: 6.3 V 3.6 A
15 V. 004 A
15 V. 004 A
SIZE: 3x3x3; 4 LBS
STK#ORD7629806
PRICE: \$1.50



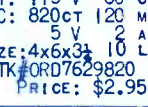
PRI: 115 V 60 CYC
SEC: 6.3 V 2.75 A.
6.3 V 5.5 A
SIZE: 3x4x3; 5LBS
STK#ORD7629805
PRICE: \$2.50

PRI: 115 V 60 CYC
SEC: 6.3 V 4 AMF
SIZE: 4x3x3; 5 LBS.
STK#ORD7629823
PRICE: \$1.50



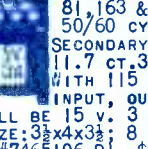
PRI: 115 V 60 CY
SEC: 820CT 120 MA
5 V 2 A.
SIZE: 4x6x3 1/2 10 LB
STK#ORD7629820
PRICE: \$2.95

PRI: 115 V 60 CYC
SEC: 5 V 6 AMF
SIZE: 4x3x3; 5 LBS.
STK# ORD7629812
PRICE: \$1.50



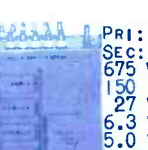
PRI: 115 V 60 CYC
SEC: 5 V 6 AMF
SIZE: 4x3x3; 5 LBS.
STK# ORD7629812
PRICE: \$1.50

PRI: 115 V 60 CYC
SEC: 5 V 6 AMF
SIZE: 4x3x3; 5 LBS.
STK# ORD7629812
PRICE: \$1.50



PRIMARY VOLTS
81, 163 & 230
50/60 CYCLE
SECONDARY VOL
11.7 CT. 3 1/2 A.
WITH 115 VOLT
INPUT, OUTPUT
WILL BE 15 V. 3 AMPS.
SIZE: 3x4x3; 8 LBS.
GE#7465106-P1 \$2.95

PRIMARY VOLTS
81, 163 & 230
50/60 CYCLE
SECONDARY VOLTS
12 CT. 3 1/2 AMPS
12 CT. 3 1/2 " "
13 CT. 10 " "
@ 115V 2/16V-3A 1/17V
10A. SIZE 4x7x7 18LBS.
GE#7466333 \$5.95



PRI: 115 V 60 CY
SEC: 150 VCT 500 MA.
150 " " "
27 V. " " "
6.3 V. 10 A.
5.0 V. 6 A.
6x7x6 1/2; 45 LBS.
#P1-32301
PRICE: \$6.95

PRI: 115 V 60 CY
SEC: 150 VCT 500 MA.
150 " " "
27 V. " " "
6.3 V. 10 A.
5.0 V. 6 A.
6x7x6 1/2; 45 LBS.
#P1-32301
PRICE: \$6.95



PRI: 120 V 60
SEC: 1170 VCT
325 MA.
5x7x4; 28 LBS
#8568966-P1
PRICE: \$7.95

PRI: 120 V 60 CY
SEC: 2.5 V 10 A.
NO C.T. INS. 10M.
4x3x5; 8 LBS.
#229611.144
\$2.95



PRI: 120/240
SEC: 2.5 @ 3 A
10.2" 5 A
6.6 @ 10 A
420-470 @.450
347 @.03
15 @.02
6.4 @ 10A
6x6x6 1/2; 39 LB
No. 229623.3
\$4.95

PRI: 120 V 60 CY
SEC: 2.5 V 10 A.
NO C.T. INS. 10M.
4x3x5; 8 LBS.
#229611.144
\$2.95

CHOKES

1.25 HY @ 1.23 ADC
PWV 1070
TF1A04LB

6x5x4 1/2; WT: 21 LBS
\$5.95

4 HY 400 MA
35 OHMS
1.07 KV WVM
4x3x5 1/2; 10 LBS.
GE#9T35Y231
\$3.95

3.5 HY 500 MA
30 OHMS
715 V WV
4x5x3 1/2; 10 LBS.
TK1A04KA/A8694
\$3.50

5 HY 255 MA
80 OHMS

3x5x3 1/2; 7 LB.
B-7406969
\$2.50

8 HY 150 MA
100 OHMS
MAX. W. V. 715
3x4x2 1/2; 5 LBS.
TF1A04HA
\$1.95

10 HY 75 MA DC
375 OHMS 1070 MV
2x2x1 1/2; 1 1/2 LBS.
TF1A04CA \$0.89

HIGH AUDIO

PRI: 7000 OHM CT
SEC: 294 " "
52 " "

ONE WINDING
POWER: 64 WATTS.
RESPONSE: 1 DB
20-20,000 CPS
SIZE: 5x7x4 1/2; WT:
TF1A13MA \$4.95

PRI: 7000 OHM CT
SEC: 265 " "
80 " "

ONE WINDING
POWER: 62.5 WATTS
RESPONSE: 1 DB
20-20,000 CPS
SIZE: 4x6x4; 20 LBS.
TF1A13MA \$4.95

PRI: 7000 OHM CT
SEC: 265 " "
80 "

UTILITY BLOWERS

THE BLOWERS LISTED BELOW ARE STANDARD SHADED POLE TYPE AND ARE QUITE RUNNING WITH NO RADIO INTERFERENCE.

50 & 100 CFM BLOWERS

For Heat Boosters, Dryers, Exhausters, Drafts

You can't buy a better blower for forced drafts for warm air heating systems, heat boosters, exhausters, dryers, etc. Lowest priced, best made blowers of their kind.

Single and twin types, 50 and 100 CFM respectively. Sturdy 3" dia. blower wheels are direct-driven by 115V, 60 Cy. quiet running Dayton motors. Steel housings are rubber mounted. 2 1/2" discharge. Outlet velocity is 2030 ft./min. 9" wire leads. Black finish. Shpg. wts. 5 and 6 lbs.

340 CFM TWIN BLOWER

For Hot & Cold Air Circulation, Exhaust, Etc.

for this 275 CFM Blower. Ideal for air circulation, forced draft, and exhausting jobs requiring more air than possible with single blower. Dependable and quiet. 4 1/2" dia. balanced wheels powered by 150 RPM, 115V, 60 Cy. motor with 12" leads. Rubber mounted steel housings with 3 1/2" x 3" outlets. Each outlet has 4 1/2" square flange to facilitate mounting. Outlet velocity is 1960 ft./min. 4 1/2" dia. air intakes. 1 1/4" W x 8 1/2" H x 8 1/2" D. Black baked out. You'll like this blower's performance and the way it is built. Wt. 12 lbs.

15 CFM BLOWER No. 2C782F \$ 8.75

100 CFM BLOWER No. 2C781F \$ 10.95

2C781 100 CFM 115 VOLT 60 CYCLE INTAKE 3" OULET 2-1/8 FL 4-1/8 SIZE 5-13/16H x 6-3/4 x 6-5/16 SHPG. WT. 5 LBS. PRICE: \$10.95

2C782 15 CFM 115 VOLT 60 CYCLE INTAKE 2-7/8 OULET 1 1/2 FL 2 1/2 SIZE 3-13/16H x 4W x 3-7/8D SHPG. WT. 2 1/2 LBS. PRICE: \$8.75

108 CFM 'PANCAKE' BLOWER

Compact—Motor is Inside Blower Wheel

Dayton "pancake" moves 108 CFM where installation space is limited. Only one because motor has been built inside blower wheel. Fits into 4-1/2" x 8 1/2" H x 8 1/2" space. Discharge 3 3/8" W x 3" H. Outlet velocity is 1530 ft./min. 4 1/2" dia. square cast blower wheel and air intake.

Steel, rubber mounted housing with baked on black enamel finish. 150 RPM, 115V, 60 Cy. motor with 12" leads. Shpg. wt. 6 lbs.

140 CFM UTILITY BLOWER

For Exhausting, Forced Draft, Cooling, Etc.

Delivers blasts of air \$11.95

Compact, 140 CFM single inlet blower. Top performance for forced draft, ventilating, exhausting, cooling and drying applications. 5 1/2" x 4" mounting flange with 2 1/2" square discharge. Outlet velocity is 3230 ft./min. 3 1/2" dia. blower wheel direct-driven by 2800 RPM, 1 1/2 HP, 115V, 60 Cy. motor with conduit box and 20" leads. 7 1/2" W x 7 1/2" H (less flange) x 6 3/4" D. Order sample and test best 140 CFM utility blower. Wt. 9 lbs.

350 CFM DAYTON BLOWER

3 1/2" Wheel, 1/10 HP, 115 V, 60 Cy. Motor

Designed for applications that require more air than average shaded pole blower provides. Ideal for many exhausting, heating, cooling, drying, circulating, etc. applications. 350 CFM at 60" SP, 3500 ft. min. outlet velocity in free air. 6 1/2" x 5 1/2" W blower wheel is direct driven by 115 V, 60 Cy. rubber mounted motor. 180 RPM. 1 1/2 HP. 115V, 60 Cy. motor with 20" leads. Precision steel housing with 5 1/2" x 3 1/2" discharge. 5 1/2" dia. air intake. 7 1/2" W x 7 1/2" H. D. Baked black finish. Shpg. wt. 13 lbs.

2C841F \$22.75

MINE

DETECTOR

SCR-625 Famous ARMY

MINE-DETECTOR

UNUSED CHECKED LESS BATTERIES \$32.95

\$37.95 WITH BATTERIES

BATTERIES ONLY \$5.95

USED TO DETECT HIDDEN METAL OBJECTS IN THE GROUND OR OTHERWISE HIDDEN UP TO 24 INCHES DEEP DEPENDING ON THE SIZE. AND GROUND CONDITIONS. DETECTION IS NOTED BY A TONE SIGNAL THAT IS FED INTO THE HEAD SET OR SPEAKER UNIT THAT ARE SUPPLIED WITH THE SET SHIPPED IN CARRING CASE WITH INSTRUCTIONS, 75 LBS



CRY BUTTONS REFLECTORS, CAN BE USED TO MAKE SIGNS OR MARKERS. SHINE WHEN LIGHT STRIKES 2" DIA. REQUIRES #10 NUT FOR MTG. NC#15-1 CARD OF 100 \$2.00

FLASHER

SUNBEAM#1567

115 VOLT 60 CY

1/2 MINUTE ON 2

MINUTE OFF.

2 OUTPUT RECEPTACLES, LINE CORD, SWITCH, MOTOR ETC.

4 1/2 x 4 1/2 x 3; WT: 3 LBS. \$1.75

THERMOSTATIC SWITCH

OPERATING TEMPER.

150-350 F, 35 AMP.

120 VOLT AC ONLY

10" CAPILLARY TUBE, BODY 3 1/2 x 1 1/2

x 2 1/2, USED WITH PRINT DRYER, WILCOILATOR

TYPE R-2. \$2.95

SELECTOR SWITCH

FOUR DECK, 11 CONTACTS EACH

DECK. SIZE 2x3

1A. PLUS SHAFT. 329825-55-

STK#379825-55-29 \$1.00

ROTARY SELECTOR SWITCH, ONE DECK

CERAMIC, 11 POSITION, 2" DIA.

STK#379825-62.178

PRICE: \$.59 EA. 2 FOR \$1

KNIFE SWITCH

D.P.D.T.

1 1/2 x 2-5/8

LEVITON 9919

PORCELAIN

BASE. \$.39 EA. 3 FOR \$1.00

MEISSNER COIL KIT

FOR SIGNAL SHIFTERS.

PLUG-IN TYPES, 3 COIL OSC. PLATE, OSC. GRID & BUFFER COILS.

EACH SET OF 3 \$1.00

ALL 3 SETS... 2.50

A-18-2951 2040 to 2410 kc.

3C368-14 1000 to 1170 kc.

3C2501-17 40 METER BAND

BUD 40 METER TRANSMITTING COIL MOUNTED ON A 5 PRONG CERAMIC BASE. 18 TURNS 1-3/4 DIA. 2 OUTSIDE TURNS 1-7/8" DIA.

3C804 \$.75

DC BLOWER

DUAL OUTPUT 12 OR 24 VOLT DC. 3000 RPM @ 24V

APPROX. 100 CFM, 1500 RPM

12V, 65 CFM. SIZE: 10x5x5

WT: 5 LBS. #58A25KJ501 \$1.95

TS-164 FREQUENCY METER CASE (Good for BC-221, TS-174, TS-175 ETC.) WITH TWO BALLAST TUBES, VR-105 REGUL-ATOR TUBE & RELAY INSTALLED IN THE REAR COMPARTMENT WHICH IS 2" DEEP, FRONT COMPARTMENT 9 1/2 x 7 1/2 x 7 1/2, HINGED COVER WITH PLASTIC COVER FOR CHART. UNUSED \$3.95

PPI RADAR SYNCHRONIZER OFFSET CHASSIS ASSY WITH TUBES 2/6AT6 1/6100, 1/6096, 1/6101, CERAMIC SOCKETS, 5 TEST PIN JAC PRECISION RES., COND, TRANS, SIZE: 7 1/2 x 5 x 3; 4 LBS. \$1.50 STK. No. 1013 \$1.50

MX-303A MAGAZINE FOR WIRE RECORDERS ANQ-1A, VRW-1 ETC. W/WIRE ON SPOOLS, MAGNETIZING HEAD, TIMERS, SWITCHES ETC. SIZE: 8 x 4 x 3; 5 LBS. RE-NEW \$1.95

DICTIPHONE HEADSET ASSY. LIGHTWEIGHT BAND W/PLASTIC EAR PCS. CONNECTED TO RUBBER TUBE THAT COMES TO A Y THAT EXTENDS TO A RUBBER CUP 4" CAN BE USED AS A VIBRATION TESTER OR A WAY OUT SOUND REPRODUCER. STK#6C262-719 \$1.00

CAPACITOR BANK IN METAL BOX. TOTAL CAPACITY 15 MFD 600 VDC 1/1, 2/2 & 2/5 6 1/2 x 4 1/2 x 5; 6 LBS. #R16-11687-500 \$.75

BC-610 OSCILLATOR PLUG IN UNITS FOR 500 WATT TRANSMITTE WILL MAKE A GOOD FOUNDATIO FOR A 25-40 WATT TRANSMIT CONTAINS VAR. CAPACITORS, COILS KNOBS, CRYSTAL SOCK. SWITCH ETC. (ALL UNITS ARE USED AND HAVE CRACKED INSULATION ON THE PLUG IN PIN

TU# FREQ. Mc. TU# FREQ. Mc. 47 2.0-2.5 48 2.5-3.0 49 3.2-4.0 50 4.0-5.0 51 5.0-6.3 53 8.0-12.0 62 1.0-1.5

COILS PLUG IN AIR TYPE 5 BANANA PINS. 3 1/2 x 4 1/2; 1 LB. \$1.95

FOR BC-610 C-# FREQ. Mc. C-# FREQ. Mc. 389 4.5-5.7 447 8.0-11.5 448 11.0-14. 455 1.0-1.5

CERAMIC COIL FORM FOR ART-13, ANTENNA LOADING. NO WIRE. TWO INCH DIA. 5" HIGH, MOUNTS UPRIGHT. 8 OZ.

ALLIGATOR CLIP WITH SCREW CABLE HOLDER & PINCH SPIKE AT JAWS. 2 INCHES LONG. 6 FOR \$5.0

GLOBE INDUSTRIES TYPE A PHOTO-CELL ASSY. BATT. OPERATED. W/ 921 PHOTO-CELL TUBE & 1S4, SENSITIVITY ADJUSTMENT, RELAY, SWITCH, OUTLET ETC. SIZE: 3x4x5; WT: 2 LBS. PRICE: USED \$2.50

PHOTO-CELL ASSY USED IN MIRROR-MATIC SHOWN ON PAGE 13, WITH PHOTO CELL, 12 VOLT RELAY TUBE SOCKET, SENSITIVITY CONTROL, FLIP COIL, LESS 12K5 TUBE. 4x2x2; 1 LB \$.59

PHOTO-CELL TUBE ONLY \$.39 EACH 3 FOR \$1.00

PHOTO-CELL LIGHT RESISTANCE TYPE 1000 OHM, 1/2" SQUARE. #5169A USED \$1.00

PRINTED CIRCUIT PANEL BOARD WITH 20 TRANSISTORS 10 DIODES 50 RESISTORS 10 CONDENSERS QUANTITIES MAY VARY 10% APPROX. SIZE 7x8; 1 LB. USED \$1.95

ARGUS AUTOMATIC TIMER No. 586 12 STOPS, 5-60 SECONDS, AUTOMATIC HOLD OR. REJECT ON ANY PRE-SELECTED STOP. MADE FOR SLIDE PROJECTORS CAN BE ADAPTED TO OTHER USES. 2 1/2 x 3 x 2 1/2; 2 LB \$2.95

HEATING ELEMENT 115 VOLT 500 WATT SINGLE SECTION STRIP 2 3/8 LG. x 1 1/2" WIDE x 7/16" H, METAL SHEATH & MTG. HOLES. 2 LBS 225015-24 \$1.50 EA.

CHROMALOK HEATING ELEMENT 115 VOLT 50 WATT STANDARD SCREW BASE. 4 1/2 x 1 1/2; 1 LB. #CHR-SCB \$.75

T-67/ARC-3 C129 POWER AMPLIFIER PLATE TUNING 4-17 MMF, 2500 V .0243 AIR GAP. SHAFT 13/16 x .31; 1/7/8 x 2 1/2 \$1.50

BC-624/522 RECEIVER, 3 GANG 6-36 MMF EACH SECTION WITH SLUG TUNED TRIM. SHAFT 5/16 STK#3D9036V SIZE 4 1/2 x 2 x 3 1/2; 1 LB. \$1.50

351-1013 3.5 to 27 MMF, 13 PLATI SIZE 1-5/8 x 1-5/8 x 1-5/16, SHAFT 1 1/2 x 3/16. \$.75

T C S VARIABLE CAPACITOR 2 SECTIONS 10-2800 MMF 1 SECTION 10-360 MMF, 4" 3 BAND DIAL CALIBRATED 1.5-3 MC 3-6 MC & 6-12 MC. WITH GEAR ASSY & LOCK. SIZE 7x3 1/2 x 3 1/2; WT: 5 LBS. #W-881 PRICE: NEW \$3.95

BC-348 C&S VARIABLE CAPACITOR, 4 SECTION 16 TO 241 MMF, WITH GEAR & COMP. 6 1/2 x 2 1/2 x 3 1/2; 2 1/2 LBS. #3D9016V-1 PRICE: \$1.50

TANK TUNING CONDENSER MARK 11 RADIO SET. SINGLE GANG VARIABLE 0-563 MMF. SIZE 3 1/2 x 2; WT: 2 LBS. #PC-80179C \$1.00

ART-13 VARIABLE CAPACITOR 50-200 MMF. 7000 VOLT .17" AIR GAP. WITH AUTO TUNE ASSY SIZE: 5x5x1.2. WT: 6 LBS.

HAMMAR-LUND MFG #F1-475 PRICE: \$7.95

TRANSMITTER VARIABLE CAP. 42 TO 420 MFD. 3200 VOLTS. 52 PLATES, 3/32 SPACING. SIZE 8 1/2 x 2 1/2 x 4 3 LBS.

TRANSMITTER VARIABLE CAP. 42-420 MFD. 2000 VDC. 40 PLATES 1/16 SPACING. SIZE: 6x2 1/2 x 4; 2 1/2 LB. GE#7765659-PI PRICE: \$5.95

20 TO 156 MMF 31 PLATES; SIZE 4x2x3; SHAFT 3/8 x 3/8 GE#77660443-6 PRICE: \$1.95

22 TO 118 MMF 31 PLATES SIZE: 4 1/2 x 2 x 3 SHAFT 3/8 x 3/8 GE#7463006-1 PRICE: \$1.95

6 TO 146 MMF 37 PLATES SIZE: 1-5/16 x 15/16 x 1 1/2; SHAFT 7/32 x 7/8 #3D9140V-7 PRICE: \$.69

SAME STYLE & TYPE AS ABOVE 9 TO 135 MMF; 37 PLATES; SIZE: 1-15/16 x 15/16 x 1-1/4 SHAFT SIZE: 1 1/2 x 1/4 #3D9135V-6 PRICE: \$.69

PA TUNING CAPACITOR FOR COMMAND TRANSMITTERS WITH GEAR TRAIN & DOUBLE END SHFT SIZE 4x2 1/2 x 3. STK#2C6397A/G8 PTC-65/7321 PRICE: \$1.50

VARIABLE CAPACITOR 7 SECTIONS 1/80, 4/100 & 2/200, DRUM DIAL. 1 1/2 x 1 1/2 x 3; 5 LBS. #CA-325/BC-223 \$2.95

VARIABLE CAPACITOR 5 SECTION 20-402 MMF EA. SECTION, WITH GEAR TR. AND SPLINED SHAFT, STRAIGHT SIZE: 9 1/2 x 4 x 3; 4 LBS. #C-ARN-6 \$3.95

BC-348 C&S VARIABLE CAPACITOR, 4 SECTION 16 TO 241 MMF, WITH GEAR & COMP. 6 1/2 x 2 1/2 x 3 1/2; 2 1/2 LBS. #3D9016V-1 PRICE: \$1.50

TANK TUNING CONDENSER MARK 11 RADIO SET. SINGLE GANG VARIABLE 0-563 MMF. SIZE 3 1/2 x 2; WT: 2 LBS. #PC-80179C \$1.00

ART-13 VARIABLE CAPACITOR 50-200 MMF. 7000 VOLT .17" AIR GAP. WITH AUTO TUNE ASSY SIZE: 5x5x1.2. WT: 6 LBS.

HAMMAR-LUND MFG #F1-475 PRICE: \$7.95

TRANSMITTER VARIABLE CAP. 42 TO 420 MFD. 3200 VOLTS. 52 PLATES, 3/32 SPACING. SIZE 8 1/2 x 2 1/2 x 4 3 LBS.

TRANSMITTER VARIABLE CAP. 42-420 MFD. 2000 VDC. 40 PLATES 1/16 SPACING. SIZE: 6x2 1/2 x 4; 2 1/2 LB. GE#7765659-PI PRICE: \$5.95

20 TO 156 MMF 31 PLATES; SIZE 4x2x3; SHAFT 3/8 x 3/8 GE#77660443-6 PRICE: \$1.95

22 TO 118 MMF 31 PLATES SIZE: 4 1/2 x 2 x 3 SHAFT 3/8 x 3/8 GE#7463006-1 PRICE: \$1.95

6 TO 146 MMF 37 PLATES SIZE: 1-5/16 x 15/16 x 1 1/2; SHAFT 7/32 x 7/8 #3D9140V-7 PRICE: \$.69

SAME STYLE & TYPE AS ABOVE 9 TO 135 MMF; 37 PLATES; SIZE: 1-15/16 x 15/16 x 1-1/4 SHAFT SIZE: 1 1/2 x 1/4 #3D9135V-6 PRICE: \$.69

PA TUNING CAPACITOR FOR COMMAND TRANSMITTERS WITH GEAR TRAIN & DOUBLE END SHFT SIZE 4x2 1/2 x 3. STK#2C6397A/G8 PTC-65/7321 PRICE: \$1.50

VARIABLE CAPACITOR 7 SECTIONS 1/80, 4/100 & 2/200, DRUM DIAL. 1 1/2 x 1 1/2 x 3; 5 LBS. #CA-325/BC-223 \$2.95

VARIABLE CAPACITOR 2 SECTIONS 10-2800 MMF 1 SECTION 10-360 MMF, 4" 3 BAND DIAL CALIBRATED 1.5-3 MC 3-6 MC & 6-12 MC. WITH GEAR ASSY & LOCK. SIZE 7x3 1/2 x 3 1/2; WT: 5 LBS. #W-881 PRICE: NEW \$3.95

VARIABLE CAPACITOR 4 SECTION 16 TO 241 MMF, WITH GEAR & COMP. 6 1/2 x 2 1/2 x 3 1/2; 2 1/2 LBS. #3D9016V-1 PRICE: \$1.50

TANK TUNING CONDENSER MARK 11 RADIO SET. SINGLE GANG VARIABLE 0-563 MMF. SIZE 3 1/2 x 2; WT: 2 LBS. #PC-80179C \$1.00

ART-13 VARIABLE CAPACITOR 50-200 MMF. 7000 VOLT .17" AIR GAP. WITH AUTO TUNE ASSY SIZE: 5x5x1.2. WT: 6 LBS.

HAMMAR-LUND MFG #F1-475 PRICE: \$7.95

TRANSMITTER VARIABLE CAP. 42 TO 420 MFD. 3200 VOLTS. 52 PLATES, 3/32 SPACING. SIZE 8 1/2 x 2 1/2 x 4 3 LBS.

TRANSMITTER VARIABLE CAP. 42-420 MFD. 2000 VDC. 40 PLATES 1/16 SPACING. SIZE: 6x2 1/2 x 4; 2 1/2 LB. GE#7765659-PI PRICE: \$5.95

20 TO 156 MMF 31 PLATES; SIZE 4x2x3; SHAFT 3/8 x 3/8 GE#77660443-6 PRICE: \$1.95

22 TO 118 MMF 31 PLATES SIZE: 4 1/2 x 2 x 3 SHAFT 3/8 x 3/8 GE#7463006-1 PRICE: \$1.95

6 TO 146 MMF 37 PLATES SIZE: 1-5/16 x 15/16 x 1 1/2; SHAFT 7/32 x 7/8 #3D9140V-7 PRICE: \$.69

SAME STYLE & TYPE AS ABOVE 9 TO 135 MMF; 37 PLATES; SIZE: 1-15/16 x 15/16 x 1-1/4 SHAFT SIZE: 1 1/2 x 1/4 #3D9135V-6 PRICE: \$.69

VARIABLE CAPACITOR 7 SECTIONS 1/80, 4/100 & 2/200, DRUM DIAL. 1 1/2 x 1 1/2 x 3; 5 LBS. #CA-325/BC-223 \$2.95

VARIABLE CAPACITOR 2 SECTIONS 10-2800 MMF 1 SECTION 10-360 MMF, 4" 3 BAND DIAL CALIBRATED 1.5-3 MC 3-6 MC & 6-12 MC. WITH GEAR ASSY & LOCK. SIZE 7x3 1/2 x 3 1/2; WT: 5 LBS. #W-881 PRICE: NEW \$3.95

VARIABLE CAPACITOR 4 SECTION 16 TO 241 MMF, WITH GEAR & COMP. 6 1/2 x 2 1/2 x 3 1/2; 2 1/2 LBS. #3D9016V-1 PRICE: \$1.50

TANK TUNING CONDENSER MARK 11 RADIO SET. SINGLE GANG VARIABLE 0-563 MMF. SIZE 3 1/2 x 2; WT: 2 LBS. #PC-80179C \$1.00

ART-13 VARIABLE CAPACITOR 50-200 MMF. 7000 VOLT .17" AIR GAP. WITH AUTO TUNE ASSY SIZE: 5x5x1.2. WT: 6 LBS.

HAMMAR-LUND MFG #F1-475 PRICE: \$7.95

TRANSMITTER VARIABLE CAP. 42 TO 420 MFD. 3200 VOLTS. 52 PLATES, 3/32 SPACING. SIZE 8 1/2 x 2 1/2 x 4 3 LBS.

TRANSMITTER VARIABLE CAP. 42-420 MFD. 2000 VDC. 40 PLATES 1/16 SPACING. SIZE: 6x2 1/2 x 4; 2 1/2 LB. GE#7765659-PI PRICE: \$5.95

20 TO 156 MMF 31 PLATES; SIZE 4x2x3; SHAFT 3/8 x 3/8 GE#77660443-6 PRICE: \$1.95

22 TO 118 MMF 31 PLATES SIZE: 4 1/2 x 2 x 3 SHAFT 3/8 x 3/8 GE#7463006-1 PRICE: \$1.95

6 TO 146 MMF 37 PLATES SIZE: 1-5/16 x 15/16 x 1 1/2; SHAFT 7/32 x 7/8 #3D9140V-7 PRICE: \$.69

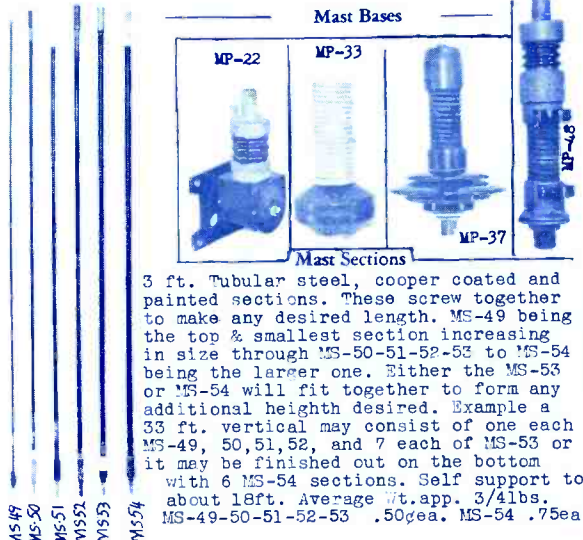
SAME STYLE & TYPE AS ABOVE 9 TO 135 MMF; 37 PLATES; SIZE: 1-15/16 x 15/16 x 1-1/4 SHAFT SIZE: 1 1/2 x 1/4 #3D9135V-6 PRICE: \$.69

VARIABLE CAPACITOR 7 SECTIONS 1/80, 4/100 & 2/200, DRUM DIAL. 1 1/2 x 1 1/2 x 3; 5 LBS. #CA-325/BC-223 \$2.95

ANTENNAS

AERIAL ANTENNA WIRE

W-106A COPPERWELD #18 WIRE SINGLE CONDUCTOR SOLID. (COPPERWELD IS STEEL WIRE COPPER CLAD FOR EXTRA STRENGTH) 250 FT. ON A ALUMINUM REEL MC-235. PRICE: \$1.50



Mast Bases

MP-22

MP-33

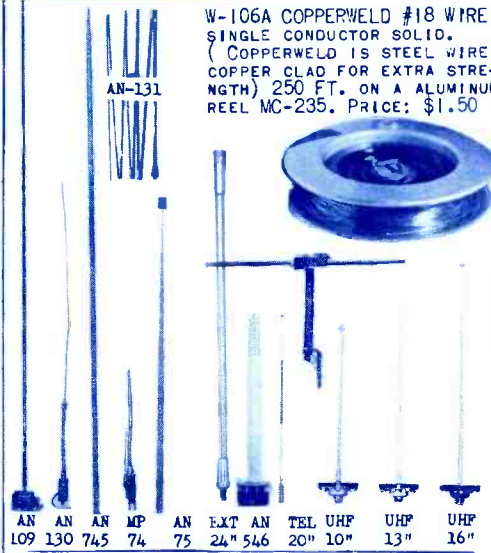
MP-37

Mast Sections

3 ft. Tubular steel, cooper coated and painted sections. These screw together to make any desired length. MS-49 being the top & smallest section increasing in size through MS-50-51-52-53 to MS-54 being the larger one. Either the MS-53 or MS-54 will fit together to form any additional height desired. Example a 33 ft. vertical may consist of one each MS-49, 50, 51, 52, and 7 each of MS-53 or it may be finished out on the bottom with 6 MS-54 sections. Self support to about 18ft. Average wt. app. 3/4lbs. MS-49-50-51-52-53 .50gea. MS-54 .75ea

Mast Bases

- MP-22** Side mount swivel mast base will tip to 90° either right or left. Has a spring snap lock in the vertical position, will take either the MS-53 or MS-54 mast sections. Size Mtg. plate 5" 6" X 10 1/2" high. Wt. 9 lbs. Price.....\$2.95
- MP-22A** Same as above except mounting hole is for the MS-51 with the MS-49, MS-50 and MS-51. This will make a 9 ft. tapered antenna. Price \$2.95
- MP-33** A heavy weight spring mast base for the MS-53 or MS-54 with 5" phenolic insulator. 10 1/2" high. Requires a 2" Mtg. hole. Wt. 8 1/2 lbs. Price\$3.95
- MP-37** Heavy coil spring with an 8" climber ceramic insulator. Requires a 2" Mtg. hole. 12" high Wt 10 1/2 lbs. Price.....\$5.95
- MP-48** A rugged mast base with the insulator above the spring will take the MS-53 or MS-54 mast sections. Size 3"D. X 16 1/2"H. Wt. 11 3/4 lbs. Price.....\$2.95



- AN-109** Whip antenna 5 FT. tapered 1/2" to 1/8" mounted on bakelite base 2 1/2"x2 1/2"x1 1/2" cadmium plated. Price \$1.50
- AN-117** Whip Antenna 6 Ft. no base Tapered 5/8" to 1/8". Price \$1.50
- AN-75** Whip Antenna telescoping 84", collapsed 12", no mounting taper 5/8" to 1/16". Price \$1.00
- AN-745** Whip Antenna telescoping 3 section 94", no base or mounting. taper 5/8" to 1/16". Price \$1.50
- AN-131** WHIP ANTENNA 12 FT. THROW-OUT TYPE. MTG. 3/8" 24TH. TAPER 3/8-1/8" \$1.50
- AT-35** DIPOLE ANTENNA 200-250 MC. WITH UG-22 COAX. CONN. #2A288A-35; 2LBS. \$1.50
- AN-130** Gooseneck Whip 30" F/BC-1335, BC-1000 \$1.00
- AN-546** Saber Type 16" Plastic Base 1.00
- MP-74** Gooseneck base only 3/8" opening 1.00

- UHF Whip Antenna's with coax fitting on 3" insulated mounting.**
- 13" Rod \$1.00 10" Rod \$1.00
- AT-624** WHIP ANTENNA 24", 5/16 F TH. \$1.00
- Chrome plated telescoping 20" Price \$.50
- WHIP EXTENSION** 24" 5/8" rod 1/2"x12 thread, can be screwed to-gether for longer lengths. Price \$.60 ea. 10 for \$5.00
- AT-598/APT** WHIP ANTENNA 30 1/2" LG. WITH COAX. REC. FOR UG100A/U \$2.50
- AT-598** MATCHING COAXIAL LINE 11 IN. RG-14 52ohm CONNECTORS \$2.50

- GROUND PLANE ANTENNA**
- Ground plane antenna to cover 20 to 50 MC. Made from surplus insulated base & screw in type mast sections. Mounts on 1 to 2 inch pipe. Specify operating frequency range. \$10.95
- Antenna Telescoping AN-29** for BC-859 12 FT, 10". \$2.95
- AN-45** for BC-620 8 foot \$2.95

- INSULATOR TERMINAL STRIP** 8 feed thru insulators size 1/2 x 1, mounted on 1 x 9 terminal strip. Each strip \$.35 Four strips \$1.00
- ANTENNA PHOSPHOR BRONZE #16** 1 CONDUCTOR WITH 2 SNAPS & SLIDE CONNECTOR, INSULATED. AN-22 " 20 " .65

PARABOLIC ANTENNA

DISH PAN TYPE, FOUR (4) FOOT DIAMETER ALUMINUM PAINTED GREY, 21" FEED FOR APPROX. 7100 MC. THREE INCH ROUND MTG. FOR WAVE GUIDE SIZE 1-5/8 X 5/8, FOUR (4) MOUNTING STUDS WITH HARDWARE. PHILCO # 463-2252-1.

SHIPPING WT. IN CARTONS 75 LBS. CRATE 225 LBS. PRICES: WITH FEED \$29.95 LESS FEED \$25.00 DEFROST ATTACHMENT \$5.00 EXTRA.

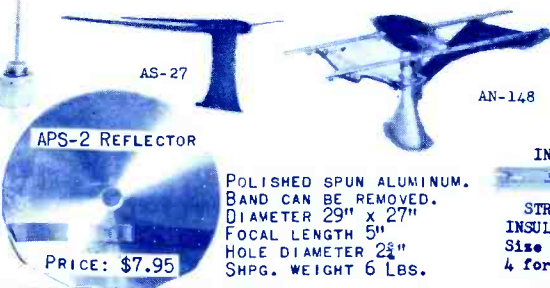
SIX HALF FT ANTENNA ANDREW # N-14519, DISH TYPE UY-2B 1700 to 1850 MC. WITH FEED STUB, PIPE MOUNTING. ALUMINUM PAINTED GREY, 6 FT. 6 INCHES. SHPG. WT. 415 UNUSED \$49.50

REFLECTORS

MICROWAVE, PLANE TYPE CONFIGURATION, ALUMINUM, NOT PERFORATED. MOUNTED BY FRAME WORK OF REFLECTOR AND BRACKETS WITH HARDWARE, GUYS AND ADJUSTMENT FOR AZIMUTH. SIZE: 8 FOOT X 6 FOOT, NET WT. 125 LBS. SHPG. WT. 375. PRICE: \$50.00



- AS-150/ART** Whip Antenna 30" long with 8ft. matching coax cable & SO-239 plug. \$1.50
- AS-97/ART** Whip same as above except 72" rod. 1.95
- AS-27/ARN-5** Horizontal folded dipole as used with RC-103, BC-T33, ARN-5 Equip. on airplanes. 108-110 MC. UNUSED \$5.95
- AN-148** Dipole Antenna 150 to 180 MC. 2.95
- AN-104A** Stub Antenna f/SCR-522 100-156MC. 1.25

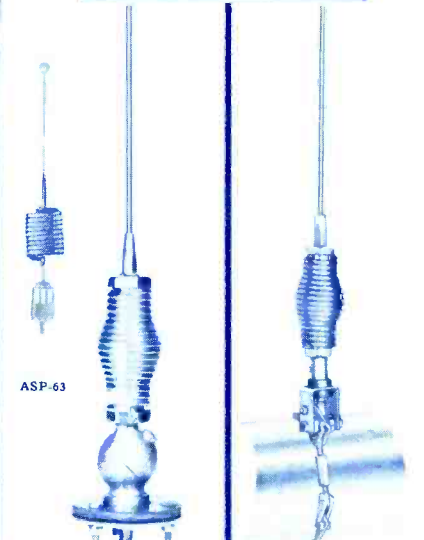


APS-2 REFLECTOR

POLISHED SPUN ALUMINUM. BAND CAN BE REMOVED. DIAMETER 29" X 27". FOCAL LENGTH 5" HOLE DIAMETER 2 1/2" SHPG. WEIGHT 6 LBS.

IN-86 STRAIN INSULATOR Size 1x3 4 for \$1.

MOBILE COMMUNICATIONS



- ASP-63**
- M-1** \$9.95 Standard amateur communications antenna comprised of the following parts: M-3 Base M-3A Spring M-3B Whip Weight — 4 lbs. 7 oz.
- M-2** \$12.45 Standard amateur bumper mount antenna comprised of the following parts: M-2A Bumper Mount M-3A Spring M-3B Whip Weight — 4 lbs. 5 oz.

UNIVERSAL SWIVEL BASE

M-3A Base — Top quality aluminum 2" diameter swivel with Bakelite mounting insulator and heavy steel back-up plate complete with water-sealing gasket and mounting hardware... Gleaming finish ball. A 3/4" 24 female thread will accept rod or spring.

SPRING FOR MOUNTING WHIP

M-3A Spring — Specially styled heavy duty spring for 96" maximum length whip. Bend it through a 100° arc and it will not break or fail in performance. Maximum electrical conductivity assured by a center braid... 3/4" 24 male thread at one end, 3/4" 24 female at other end fits base and whip.

- ASP-63** PORTABLE ANTENNA ONE PIECE 40" LG. WITH VINYL COVERED LOADING COIL & PL-259 CONNECTOR SPECIFY COIL TURNS #/ORDER \$7.77
- STAINLESS STEEL WHIP** M-3B Whip — The 96" taper ground stainless steel whip has 3/4" 24 male threaded base fitting. It can be fitted directly to either spring or base, will cut to any desired length and will bend to 90° and return to upright position without harm.
- Double Chain Bumper Mount ASP-143**

- MOBILE ANTENNA PRICES**
- M-1** Complete with base, spring, & 96" whip as listed below. \$9.95
- M-3** Universal swivel base. \$3.50
- M-3A** Spring for mounting whip. \$3.00
- M-3B** Stainless steel whip 96". \$3.50
- M-2A** Chain Bumper Mounting. \$5.95
- ASP-143** Double Bumper Mount \$7.95
- M-13** Swivel Base with shielded coaxial connector 6.00
- M-4** Whip Gutter Clip 1.00

ASP-165 Coaxial Antenna cable with PL-259 connector one end used with M-13 coaxial base, 12 FT. \$3.50

LM-144 Automotive coaxial cable 2.95 push pin plug one end 12 FT.

- SMALL ANTENNA INSULATORS** Insulating material made of polystyrene Size 1 1/2" Mtg. hole 3/4" Receptacle size 3/8x24 TH. STOCK # 223021-227 Fits ANT. AN-130, 131, Size 7/8x1 1/2" Mtg. hole 5/8" Receptacle size 1/2 x 20 TH. Fits any of the UHF Rods Stock # 223062-237 Specify type each \$.75
- NEON LIGHTING ARRESTOR HI-POWER** 4 for \$1
- VIS-O-GLOW**



APA-17 SCOPE

IP-94/APA-17 RADAR INDICATOR 5", AMPLIFIES AND GIVES VISUAL INDICATION OF THE RELATIVE BEARING OF RADIO & RADAR SIGNALS IN THE FREQUENCY RANGE OF 250 TO 1000 MC. WHEN USED IN CONJUNCTION WITH A RECEIVER COVERING THE SAME RANGE. MAY BE ADAPTED FOR USE ON OTHER FREQ. OR CONVERTED FOR USE AS A TEST OSCILLOSCOPE. HAS ALL CONTROLS ON FRONT PANEL ALSO HAS SELSYN MOTOR ATTACHED TO VARIABLE CONDENSER THAT IS USED FOR SCANNING IN SYNCHRONOUS WITH ANTENNA MOTOR. COMPLETE WITH 1/5J2 5" CATHODE RAY TUBE, 1/6SH7, 1/6SJ7, 2/6AC7, 2/6H6, 1/6V6 & 2/2X2 HAS POWER SUPPLY FOR CR TUBE ONLY THAT OPERATES FROM 115 VOLT 400 CYCLE. SCHEMATIC FURNISHED ID-80/APA-17 WHICH IS EARLIER MODEL BUT WILL BE VERY SIMILAR. SIZE 11 1/2 x 9 1/2 x 24; WT: 24 LB

PRICE USED \$9.95

10-80/APA-17 SAME AS ABOVE ONLY EARLIER MODEL AND USES ONLY ONE 2X2 TUBE. WITH SCHEMATIC.

PRICE RE-NEW \$16.95

PANORAMIC RECEIVER



R-61/ARQ-5 DOUBLE SUPERHET RODNEY RECEIVER WITH MOTOR DRIVER CAPACITOR TUNING FOR SCANNING AM, FM, CW & WB VIDEO SIGNALS IN THE 18 TO 50 & 48 TO 80 MC BAND ON A 5CP1 CATHODE RAY TUBE THAT IS CALIBRATED AS TO FREQ. PRESENTATION IN THE LOW & HIGH BAND. SELECTION OF BAND TO BE VIEWED, SELECTIVITY & CLIBRATION ARE ALL ON THE FRONT PANEL. SET IS OF UNITIZED CONSTRUCTION AND IS COMPLETE WITH 20 TUBES; 4/6AG5, 2/9002, 2/12SK7, ONE EACH 5Y3, 2X2, VR-90, 927, 125S7, 12SA7, 12H6, 12SQ7, 12SH7, 6SN7, 2050 & 5CP1. OPERATING VOLTAGE REQUIRED 80-115 VOLTS 400-2600 CYCLES 120 WATTS & 28 VDC WITH OPERATING MANUAL & SCHEMATIC. SIZE: 10 1/2 x 8 x 22. WT. 5 LBS. PRICE, NEW... \$49.50



ID-169/APN-12 RADAR RANGE INDICATOR OSCILLOSCOPE, USED WITH VARIOUS TYPE SETS FOR INDICATION OF INCOMING SIGNALS IN ORDER THAT THE RANGE MAY BE DETERMINED. HAS VERTICAL, HORIZONTAL, FOCUS, SWEEP & INTENSITY CONTROLS, COAXIAL ANTENNA, CHANGE-OVER MOTOR ALSO TUBES 3BP1, 2/6H6, 2/6SN7, 1/6G6, 1/6X1 & 1/2X2. OPERATES FROM 115 VOLT 400 CYCLE & 24 VDC. SIZE: 10x8x22; WT: 40 LBS PRICE: USED \$9.95

AMPLIFIER



NAVY INTERPHONE AMPLIFIER USED WITH TCS EQUIPMENT. PUSH-PULL 2/12A6 TUBES. CARBON MIC. INPUT 75-200 OHM ALSO 600 OHM OUTPUT 125 OHM. VOLTAGE REQUIRED 12 VDC & 250 VDC 60 MA. HAS MOUNTING FOR DYNAMOTOR 35x032, 12 VOLT.

(SEE CONVERSION INFORMATION LISTED BELOW.)
SIZE: 7 1/2 x 10 x 7; WT: 15 LBS.

PRICE: AMPLIFIER WITH TUBES \$2.95
" " " & DYN. 6.95

KIT FOR CONVERSION TO SPEAKER OUTPUT, APPROX 5 WATTS, INCLUDES OUTPUT TRANSFORMER, MIC & PHONE JACKS, SWITCH, CABLE AND PLUG FOR PLUGGING INTO LIGHTER AND INSTRUCTIONS. \$2.00

AUTO PILOT



MISSILE AUTOPILOT AMPLIFIER 35 TUBES, 10/5814, 4/6AQ5, 4/6AQ5, 4/12AL5, 6/5879, 6/6AL5 & 1/5751 CIRCUITS, ROLL & PITCH, NORTH, SOUTH, EAST, WEST, GAIN & BALANCE CONTROLS, RESISTORS, CONDENSERS, TRANSFORMERS, RECTIFIERS LOADS OF PARTS MOUNTED ON A 3 SECTION ALUMINUM FRAME THAT CAN BE DISMANTLED.
SIZE: 28 1/2 x 4 1/2 x 12 1/2; WT: 35 LBS.
PRICE: USED \$14.95

A-M RECEIVER 25 TO 105 MC



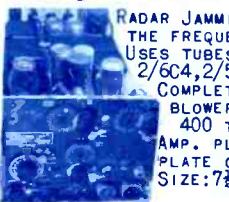
R-58/ARQ-8 RECEIVER USED WITH T-51 TRANSMITTER AS A SEARCH AND JAMMING SET IN 25 TO 105 MC RANGE. THE RECEIVER FREQ. WAS CONTROLLED BY THE TRANSMITTER OSCILLATOR AND FEED THROUGH THE COAXIAL CONNECTOR ON THE FRONT OF THE RECEIVER WHICH HAS A 20 MC. IF. A BAND-PASS CIRCUIT 5 MC. WIDE TUNEABLE BETWEEN 25 & 105 MC IS USED BETWEEN THE MIXER CONTROL GRID AND THE ANTENNA. UNIT REQUIRES 115 VOLT 400 CYCLE & 24 VOLT FOR POWER. COMPLETE WITH TUBES 1/9001, 3/6SG7, 1/6SQ7, 1/6AG7 AND 1/5Y3GT. SIZE: 5 1/2 x 7 1/2; WT: 25 LBS. PRICE: USED \$5.95

ILLUSTRATED COVER REMOVED. POWER PLUG, \$1.50
RECEIVER SCHEMATIC \$1.00/ POWER PLUG, \$1.50

CAY-47150 TUNING UNIT FREQUENCY 300-800 KC. USED WITH THE GP-5 TRANSMITTER UNIT CONTAINS A GREAT DEAL OF USEFUL PARTS SUCH AS 3 CERAMIC VARI-COUPLER COILS, 4 CERAMIC HEAVY DUTY WAFER SWITCHES, 4 DUAL GEAR DIAL VERNIER DIAL 3", 4 CERAMIC SHAFT COUPLERS, CONDENSERS, RESISTORS, KNOBS ETC. SIZE: 11x8x8 1/2; WT: 15 LBS. PRICE: USED \$2.95 UNUSED \$3.95



T-28 APT TRANSMITTER



RADAR JAMMING TRANSMITTER COVERING THE FREQUENCY OF 140 TO 210 MC. USES TUBES 931 (NOISE TUBE) 2/832, 2/6CA, 2/5R4, 3/6AC7, & 1/6V6, 1/6X5 COMPLETE WITH TUBES, 2/24 VOLT BLOWERS, POWER SUPPLY 115 VOLT 400 TO 2600 CYCLE. OSCILLATOR AMP. PLATE, GRID PLATE & MIXER PLATE CONTROL ON FRONT PANEL. SIZE: 7 1/2 x 10 x 20 WT: 40 LBS. PRICE: USED \$12.95



T-9 XMITTER \$9.95

T-9/APQ-2 RADAR TRANSMITTER AM 200 - 500 MC ORIGINALLY USED IN AIRCRAFT FOR JAMMING RADIC & RADAR SIGNALS. APPROX. 6 TO 15 WATTS OUTPUT DEPENDING ON FREQ. EXCEPTIONALLY STABLE LINE OSCILLATOR EMPLOYING TWO W.E. 358 DORNBORN TUBES IN PUSH PULL. INDEPENDENT GRID & PLATE TUNING WITH INDICATION ON FEEDER ROOT COUNTERS. COAXIAL OUTPUT POWER MEASURING ASSY WITH ADJUSTABLE OUTPUT COUPLING & TUNING ASSY. VOLTAGE REQUIRED 450 VDC 250 MA. & 2 TO 6 V. COMPLETE WITH TUBES 931 NOISE TUBE, 2/807, 2/6AC7, 1/6AG7, 2/388 TUBES. SIZE 7 1/2 x 10 x 19 1/2; WT: 33 LBS.

SERVO AMPLIFIER



SENSITIVITY AMPLIFIER #667504 AS USED IN AIRCRAFT SERVO SYSTEM. COMPLETE WITH 10 TUBES, 5/5829, 1/5787, 2/5687, 1/12AX7 & 1/12AU7. ALSO HAS 2 OUNCER TRANSFORMER PRECISION RESISTORS, POTENTIOMETERS, CONDENSERS, ETC. SIZE: 5x3x4; WT: 3 LBS. PRICE: USED \$3.95

SYNCHRO RECEIVERS

RECEIVERS TYPE 23TR6 PART NO. 76766355, 115 V 60 CYCLE, 2" x 4" SAME AS USED IN THE ABOVE UNIT. WEIGHT PER PAIR 5 LBS. PRICE: \$10.95 EACH 20.00 PAIR



SYNCHRO SELSYNS



SYNCHRO GENERATOR SPERRY PT#R5663642 MFG. BY BENDIX FOR IBM. SIMILAR TO BENDIX # AY-401-2. OPERATES FROM 26 VOLTS 400 CYCLE SINGLE PHASE WHEN USED IN CONJUNCTION WITH BENDIX # AY-201 SYNCHRO CONTROL TRANSFORMERS IT WILL OPERATE UP TO 20 UNITS. WILL ALSO OPERATE FROM 6 VOLT 60 CY. WITH A SLIGHT LOSS. SIZE: 2 1/2 x 2 1/2; SHAFT 1/16 x 1/2; WT: 12 OZ. PRICE: NEW \$2.95 2 FOR \$5.00

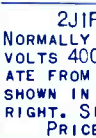


AY-201 SYNCHRO CONTROL TRANSFORMER MFG. BY BENDIX, ROTOR 1 PHASE 26 VOLT 400 CYCLE, STATOR 3 PHASE 11.8 VOLTS. SIZE: 1 1/2 x 1 1/2 x 1/2 x 1/16; WT: 3 OZ. CONDITION REMOVED FROM EQUIPMENT.

PRICE: \$1.95 EACH 3 FOR \$5.00



KEARFOOT R-200 SYNCHRO CONTROL TRANSFORMER. ROTOR 26 VOLT 1 PHASE 400 CYCLE, STATOR 11.8 VOLT 3 PHASE. SIZE: 1 x 1-3/4, SHAFT 1/16 x 1/2; WT: 3 OZ. CONDITION REMOVED FROM EQUIPMENT. PRICE: \$2.95 EACH



2J1F1 SELSYN GENERATOR NORMALLY OPERATES FROM 115/57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 36 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM TO THE RIGHT. SIZE 2 1/2 x 4 1/2; WT: 8 OZ. PRICE: WITH CONNECTOR CAPS. \$2.95

SELSYN SYNCHRO

NAVY TYPE SYNCHRO GENERATOR 5G MK1, Mod. 5; 115/90 V. 60 CYCLE. CAN BE USED FOR DIRECTIONAL CONTROL TO A REMOTE POSITION IN PAIRS AS TRANSMITTER & RECEIVER. EACH UNIT WILL FOLLOW OTHER UNIT IN DIRECTION AND SPEED OF ROTATION. HEAVY DUTY GEAR TRAIN WITH SELSYN/SYNCHRO AS ILLUSTRATED, SIZE 10x8x5; WT: 12 LBS. \$7.95 SELSYN/SYNCHRO ONLY 6 1/2 x 4 WT: 5 " 5.95 GEAR TRAIN ONLY 10x3x5 WT: 7 " \$1.50



LP-21 LM LOOP ANTENNA AS USED ON AIRCRAFT WITH RADIO COMPASS RECEIVERS FOR USE IN THE 200 TO 1750 KC. COMPLETE LOOP ILLUSTRATED TO THE LEFT. ILLUSTRATION TO THE RIGHT IS WITH HOUSING REMOVED AND IN THE CENTER ARE ILLUSTRATED THE GEAR TRAIN MOTOR, REVERSIBLE CK-2 AND AUTOSYN SELSYN MC-217/MC-507 WHICH ARE INSIDE THE BOTTOM HOUSING ALSO CONTAINED THEREIN IS A SLIP RING ASSY. MOTORS OPERATE FROM 26 VOLT 400 CYCLE BUT CAN BE OPERATED FROM 60 CYCLE AS SHOWN IN WIRING DIAGRAM BELOW.
SIZE: OVERALL 20x16x10; WT: 12 LBS. COND. USED.
LP-21-LM LOOP COMPLETE WITH HOUSING \$9.95
LP-21-LM " " LESS " 6.95
CK-2 GEAR TRAIN MOTOR ONLY 4.95
MC-217/MC-507 AUTOSYN SELSYN 3.95
PL-112 PLUG TO FIT LOOP 9 CONTACT 2.50
PL-108 PLUG " " 4 " 1.50



I-82A 5" INDICATOR



I-82A INDICATOR 5" ILLUSTRATED TO LEFT ABOVE 0-360 DEGREE SCALE CONTAINS A MATCHING AUTOSYN MOTOR TO BE USED WITH THE LP-21LM LOOP. OPERATES FROM 26 V 400 CYC. (60 CYC SEE BELOW)
I-81A INDICATOR 3" ILLUSTRATED TO RIGHT ABOVE 0-36 DEGREE SCALE CONTAINS A MATCHING AUTOSYN THAT WAS USED WITH THE LP-21LM LOOP.
OPERATES FROM 26V 400 CYC. (60 CYC. SEE BELOW)
I-82A INDICATOR 5" UNUSED \$3.95
I-81A INDICATOR 3" USED 2.95
PL-118 CONNECTOR PLUG FOR INDICATORS 2.50EA

W.U. INTRAFAX



TRANSMITTER SCANS THE DATA THAT IS FED INTO THE MACHINE WITH A LIGHT SOURCE AND PHOTO ELECTRIC CELL WHICH IS AMPLIFIED AND SENT BY WIRE TO THE RECORDER WHICH THEN REPRODUCES THE DATA ON SENSITIZED PAPER 1 1/2" WIDE. THE TRANSMITTER USES TUBES 1/1X2, 1/6C4, 1/6AQ5, 1/931A (PHOTOELECTRIC), LIGHT SOURCE, SYNCHRONIZING MOTORS, GEARS ETC. THE RECORDER DOES NOT HAVE ANY TUBES BUT HAS THE SCANNING MECHANISM, MOTORS, RELAYS ETC. EQUIPMENT OPERATES FROM 115 VOLT 60 CYCLE BUT DOES NOT HAVE THE POWER SUPPLY REQUIRED FOR THE TUBES, PHOTO-ELECTRIC, LIGHT SOURCE AND SCANNING CIRCUITS. TRANSMITTER SIZE 18x18x7; WT: 40 LBS. #7762A RECORDER SIZE 18x12x7; WT: 33 " #7771A PRICE: BOTH UNITS NEW \$49.50



U.H.F. SIGNAL GENERATOR
360 TO 540 MC DIRECT READING ON 5" CALIBRATED DIAL WITH PROVISION FOR INTERNAL OR EXTERNAL MODULATION CONTROL. SEPARATE CONTROLS FOR CARRIER AND MODULATION. OUTPUT VARIABLE CONTROL, 0-200 MICROAMPERE METER FOR READING RF AND MODULATION OUTPUTS. OPERATES FROM 115 VOLT 60 CYCLE. SIZE: 16x9x10 WT: 47LBS. RCA# M1-18710 \$39.50

BC-638 FREQUENCY METER
100 TO 156 MC CRYSTAL CONTROL ON FOUR PRE-SET FREQUENCIES; VARIABLE TUNING WITH MAGIC EYE CONTROL. USED WITH SCR-522 AND OTHER SETS. OPERATES FROM 115 VOLT 60 CYCLE ALSO PROVISIONS FOR BATTERY OPERATION AND HAS SELF-CONTAINED MODULATOR. RACK PANEL MOUNT. 19" x7x9, WT: 35 LBS.



PRICE: USED \$12.95

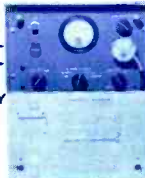
TEST METER

WESTON 301 METER 3", 500 MICRO AMP FULL SCALE (SCALE NEEDS TO BE RE-DONE), TWO DECK 14 CONTACT CERAMIC WAFFER SWITCH 2 1/2", (1) 20K PRECISION POT, (6) DIODES, RESISTORS, SWITCHES ETC SIZE: 6x6x4; WT: 4 LBS. \$3.95



TS-170/ARN-5 TEST OSCILLATOR
332.6 333.8 335.0 MC

BATTERY OPERATED, CRYSTAL CONTROLLED ON THREE PRESELECTED FREQUENCIES, 90 & 150 CYCLE MODULATION; USED TO ALIGN GLIDE PATH RECEIVER & DETERMINE SENSITIVITY 2", 0-1 DC MILLIAMPERE METER FOR MEASURING CIRCUITS. HOUSED IN ALUMINUM CARRYING CASE 12x9x8, WT: 12 LBS.



PRICE: USED \$12.95

1-199 TEST SET
DYNAMOTOR & HAND GENERATOR TESTER USED TO CHECK EQUIPMENT UNDER LOAD CONDITIONS. INPUT VOLTAGE READINGS 0-60 VOLTS DC & 60 AMPS. D.C. OUTPUT VOLTAGES 0-1200 VOLTS D.C. PERCENTAGE OF RIPPLE IN THE INPUT & OUTPUT, ALL SHOWN ON 3" RD. METERS ALSO CONTROLS FOR VARYING VOLTAGE & CURRENT UNDER LOAD. SIZE: 18x12x11, WT: 40 LBS. PRICE: USED \$29.50 NEW \$39.50

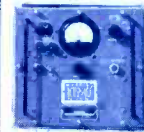
1-850 COMMAND SET TEST UNIT, 3" METER
0-1 MA FS, 0-100 SCALE, METERING SWITCH 0-30, 500, 750 DCV & 0-250 MADC. \$4.95 SIZE: 4x7x2; WT: 2 1/2 LBS.

1-139 TESTER

USED WITH SCR-522 TEST SETS, FOR ALIGNMENT AND SETTING CHANNELS. CONTAINS 0-1 MA DC METER CORD AND PLUG. SIZE: 3x3x2; WT: 2 LBS. PRICE: USED \$4.95



WESTERN ELECTRIC TD-2 MICROWAVE GENERATOR
USED FOR TESTING IN LINE CROSS COUNTRY SYSTEMS APPROX. 3700 TO 4200 MC WITH 2/2043 TUBES IN THE FIRST STAGES AND WE 416B TUBE IN THE FINA WITH CRYSTAL CONTROL FUND. FREQ. OF APPROX. 18 MC. DEPENDING ON CRYSTAL IN USE. WILL MAKE AN EXCELLENT PIECE OF EQUIPMENT FOR LAB. USE AS A SIGNAL SOURCE OR TRANSMITTER OR RECEIVER NO POWER SUPPLY, REQUIRES 250 VDC 100 MA. & 12.6 VDC 3 6 AMPS. COMPLETE WITH 2 1/2" METER, TUBES 2/43, 1/416B, 2/6AU6, 1/VR-105 & 1/396A SIZE: 19x12x10; WT: 38 LBS. EXCELLENT CONDITION PRICE: USED \$19.95 LESS 416 TUBE



TS-305A/UP POWER METER
POWER OUTPUT METER FOR USE IN THE FREQUENCY RANGE OF 220-320 MC IN SIX STEPS. KILOWATT METER 3 1/2" 0-50 SCALE. WITH TUBES 1/6SN7 & 1/2B22. ALUMINUM CARRYING CASE 12x10x12. OPERATES FROM 115 VOLT 50-1600 CYCLE. WT: 23LBS. PRICE: USED \$9.95

TESTER ASSEMBLY T-101001

STABILIZATION TEST SET FOR AUTOMATIC PILOT. CONTAINS A 2 1/2" AC METER WITH CENTER SCALE 50-0-50 & 15-0-15, 5 POSITION METERING SWITCH FOR RANGE & 11 POSITION SWITCH FOR MEASURING VOLTAGE FROM THE EXTERNAL PIN-JACKS ON CONN. PLUG. ALSO HAS 7 TOGGLE SWITCHES, 4 LIGHTS, 2/6AL5 & 1/2C51 TUBES. IN ALUMINUM CARRYING CASE. SIZE: 13x11x11. WT: 22LBS. PRICE: USED \$6.95



1-95 FIELD STRENGTH METER
USED TO CHECK THE SIGNAL OUTPUT & MODULATION OF THE SCR-522 RADIO SET WHICH OPERATES IN THE 100-156 MC. AM BAND. CAN BE USED FOR ANY SET IN THIS BAND. CONSISTS OF A 2" METER, CALIBRATED DIAL, TELESCOPING ANTENNA WITH 1S5 TUBE IN A VACUUM-TUBE VOLTMETER CIRCUIT. REQUIRES BATTERIES DRY CELL 2/22 & 1/1 1/2 V. SIZE: 8x7x7 1/2; WT: 14 LBS. USED \$12.95

PRICE: USED \$12.95

ALTIMETER TEST SET

TS-10B/APN
USED FOR CHECKING SENSITIVITY, TUNING, ANTENNA SYSTEMS, CALIBRATION AND LIMIT CALIBRATIONS OF ALTIMETERS. CONTAINS 370 FT & 70 FT 58 OHM RG-54A/U COAXIAL CABLE DELAY LINES, L-101 COAXIAL ATTENUATOR, 10-98 INDICATOR, 2/8 FT 1/20", 1/12" OF RG-8 52 OHM COAXIAL CABLE WITH PL-259 CONNECTOR EA. END AND 4/90-239 CONNECTORS. COMPLETE IN CARRYING CASE 19x15x7 WT 36 (SEE PAGE 5 FOR COAXIAL CABLE & CONN. ONLY) PRICE: USED \$15.00 UNUSED \$18.00

1-61 TEST SET FOR TRANSMISSION MEASURING

PORTABLE BATTERY OPERATED UNIT USED TO MEASURE LOSS ES OR GAINS IN CIRCUITS OR APPARATUS. AUDIO OSCILLATOR FREQUENCIES OF 500, 1000 AND 2500 CYCLES WITH LEVELS OF -40DBM, -20 DBM OR 0 DBM INTO A 600 OHM LOAD, THE RECEIVING AMPLIFIER IS CALIBRATED TO MEASURE LEVELS FROM A 600 OHM SOURCE BETWEEN -50 DBM & 15 DBM IN STEPS OF 0.5 DBM OVER THE FREQUENCY RANGE OF 100 TO 10,000 CYC THE 0 DBM IS ONE MILLIWATT IN 600 OHMS. UNIT ALSO CONTAINS A EE-88 FIELD TELEPHONE, BATTERY OPERATED ASSY. WITH A TS-9 HANDSET. AND BE PURCHASED WITHOUT THIS ASSEMBLY. COMES IN WOOD CARRYING CASE 18x10x11, WT: 47LB PRICE, COMPLETE WITH TELEPHONE ASSY & TS-9 Used \$29.95 RE-NEW \$39.50 LESS TEL. ASSY " 19.95 " " 29.50



1-142 RADAR TEST SET DESIGNED TO FURNISH A COMPARATIVE INDICATION OF TRANSMITTER OUTPUT AND MEASURE PULSE RECURRENCE RATE. CONSISTS OF DUMMY LOAD WITH 3" METER 0-50 MA WITH 0-100 SCALE. UNUSED SIZE 8x10x11; 14 LBS. \$8.95

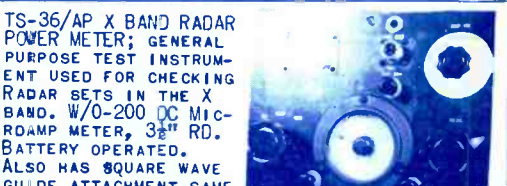


URC-4 TEST SET
TS-684/URM-30 ANALYZER FOR URC-4 RADIO SET, ALIGNMENT AND TESTING CONTAINS 0-1 MA METER, METERING SWITCH, CRYSTAL OSCILLATOR, ANTENNA CABLES ETC. IN METAL CARRYING CASE. SIZE: 6x6x4; WT: 4 LBS. NEW \$8.95

TS-15A/AP FLUX METER
PORTABLE TEST SET USED FOR MEASURING FLUX DENSITY OF MAGNETS IN TERMS OF GAUSSSES. CONTAINS 3 1/2" FAN TYPE METER AND A PORTABLE PICKUP THAT TRANSFERS THE ENERGY FROM THE MAGNET TO THE TEST SET. HOUSED IN OAK CARRYING CASE WITH INSTRUCTIONS. SIZE: 5x10x6. 6LBS PRICE: USED GOOD CONDITION \$22.95

COLD CYLINDER INDICATOR

COLD CYLINDER INDICATOR ASSY.
USED TO CHECK THE TEMPERATURE OF AIRCRAFT ENGINE BY A RELATIVE INDICATION ON A 3 1/2" MIC-AMP METER THAT HAS A PAIR OF TEST LEADS ONE OF WHICH IS FOR FASTENING TO THE ENGINE FOR FASTENING TO THE OTHER IS A FOUR SECTION PROB. THE METER SCALE IS 0-300, MOVEMENT 0-900 MICROAMP AND CONNECTED TO PROBE 0-50 MA. UNIT IS COMPLETE WITH CARRYING CASE. SIZE: 9x3x4; WT: 5 1/2 LBS. PRICE: USED \$5.95



PRICE: USED \$5.95

BC-611 TEST SET

IE-17 TEST EQUIPMENT USED FOR TESTING & ALIGNMENT OF REC-TRANS, TESTING CRYSTALS AND MEASUREMENT OF VOLTAGE OF BATTERIES BA-37 & BA-38. CONSISTS OF THE FOLLOWING 1-135 TEST UNIT IN CASE WITH HINGED COVER & HANDLE CONTAINS MICROPHONE, EARPHONE, MULTI-RANGE 3" METER FOR CHECKING 0-3 & 0-150 VDC 0-1.5/15/60/600 MA DC & 0-60 VAC WITH MASTER SWITCH, RF & AUDIO OSCILLATOR CRYSTAL TEST & BATTERY COMPARTMENT ALSO CABLE HARNESS. CS-81 TEST CASE WHICH IS THE SAME SIZE AS THE BC-611 AND IS USED TO HOLD THE CHASSIS UNDER TEST, HAS PRESS TO TALK SWITCH AND ALIGNMENT OPENINGS. (NO MIC OR EARPHONE OPENINGS.) FT-252 TEST STAND FOR HOLDING CS-81 CASE & A-82 PHANTOM ANTENNA WHICH CONSIST OF A 3" 0-40 MA. RF METER, VARIABLE COND. & REC.-TRANS. SWITCH MOUNTED ON A BAKELITE PANEL. COMPLETE UNIT AS DESCRIBED ABOVE WITH INSTRUCTION MANUAL AND WOOD CHEST SIZE: 19 x16x9 ALL IN NEW CONDITION. SHPG. WT: 44 LBS



PRICE: LIKE NEW \$9.95

BC-221 FREQ. METER

THIS IS A SIMPLE, ACCURATE AND RELIABLE, CRYSTAL-CALIBRATED FREQUENCY INDICATING INSTRUMENT FOR USE IN THE 125 TO 20,000 KC. RANGE WITH A NORMAL OPERATING ACCURACY OF LESS THAN .02%. CAN ALSO BE USED A SIGNAL GENERATOR OR VARIABLE FREQ. OSCILLATOR COMPLETE WITH TUBES, ORIGINAL CRYSTAL & CALIBRATION BOOK. OPERATING VOLTAGE REQUIRED FOR USE WITH DRY CELLS, 6 VDC .9 AMP. & 135 VDC 20 MA. SIZE: 10x13x10, 22 LBS. PRICE: LIKE NEW, CHECKED NO MODULATION \$79.50

STROWGER RELAY

STROWGER STEP BY STEP RELAY ASSEMBLY IS USED IN CENTRAL OFFICE DIAL TELEPHONE EXCHANGE.

THIS IS THE HEART OF THE DIAL TELEPHONE SYSTEM AS IT HAS THE TEN STEP BANK SELECTION AND 10 STEP LINE SELECTION TRUNK LINE SENSING MECHANISM WITH NECESSARY HOLD AND RELEASE RELAYS. (THE BANK OF ROTARY STEPPING SWITCHES IS NOT PART OF THIS ASSY) SIZE 14x5x7; WT: 13 LBS. WE#ED55242-31G1 PRICE: USED \$5.95



48 VDC

TELEPHONE BANK

TELEPHONE RELAYS FOR LINE USE. OPERATES FROM 48 VDC, 1000 OHM

Z A SINGLE CONTACT, 500 OHM Z BR DOUBLE CONTACT, 20 OF EACH RELAY MOUNTED FOR 26" RACK. SHPG. WT: 35 LBS. REMOVED FROM EQUIPMENT. PRICE 40 MOUNTED RELAYS \$9.50 EACH RELAY 35¢



MULTIPLEX

PHILCO SIGNALING & TERMINATION UNIT CST-2 STANDARD 19" RACK AND IS USED IN MULTIPLEX SYSTEMS FOR TRANSMISSION

OF NORMAL DIAL OR RINGDOWN SIGNALING AND TERMINATES THE FOUR-WIRE CIRCUIT OF THE MULTIPLEX INTO THE TWO-WIRE TELEPHONE CIRCUIT. A 3.5 KC OSCILLATOR TONE IS USED FOR SIGNALING WITH THE USE OF HYBRID COILS AND T PAD ADJUSTMENTS PROPER ATTENUATION OF THE VOICE LEVEL IS MAINTAINED. OPERATES FROM 115 VOLT 60 CYC AND IS COMPLETE WITH 2/12AU7 TUBES, FOUR RELAYS AND INSTRUCTION BOOK. COND. UNUSED. SIZE: 4 1/2 x 19 x 12; SHPG. WT. 50 LBS. \$9.95



ASB 7

RADAR

CAY-52 TRANSMITTER, SELF-PULSED EMISSION, 515 MC. PER-SECOND APPROX. 2 MICROSECONDS DURATION KEYING FREQ. 400 CYC. PER. SEC. APPROX. 5 KILOWATTS POWER CAY-46 RECEIVER, 510 TO 525 MC. TUNEABLE, 1ST IF 55 MC. 2ND IF 16 MC. POSITIVE VIDEO PULSE OUTPUT, INPUT IMP. 50 OHMS, OUT PUT 230 OHMS. WITH 11 TUBES.

CJP-55 INDICATOR, CR TUBE 58P1 VERTICLE TRACE, HORIZONTAL DEFLECTION, 400 CYC. SWEEP, APPROX RANGE 0-2, 7, 28 & 70 NAUTICAL MILES.

CJP-20 RECTIFIER POWER SUPPLY SUPPLIES ALL THE VOLTAGES NEEDED FOR OPERATION OF THE EQUIP. POWER INPUT 115 VOLT 600-1400 CYCLE, 1 PH. 3 AMPS. 345 WATTS.

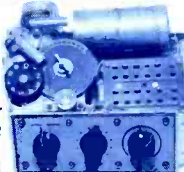
CJP-14 ANTENNA SWITCHING UNIT, USED FOR SWITCHING FROM ONE ANTENNA TO ANOTHER, 24 VDC

CJP-23 CONTROL UNIT, FOR MANUAL CONTROL EQUIP.

ONE OF EACH PIECE EQUIPMENT DESCRIBED ABOVE ACTUAL WEIGHT 90 LBS, SHPG. WT. 130 LBS. CONDITION UNUSED, PRICE.. \$49.95

AUTO CONTROL

ELECTRIC AUTOTUNE ASSEMBLY THAT OPERATES FROM 115 VOLT 60 CYCLE, 1/100 HP CAPACITOR TYPE MOTOR WITH AUTOMATIC GEAR & RACHETT ASSEMBLY THAT ENABLES YOU TO PRE-BET MOTOR ANY 10 POSITIONS IN 360 DEG. UNIT IS GEARED TO A TWO DECK 12 POSITION CERAMIC WAFER SWITCH THAT TERMINATES INTO A PLUG-IN SOCKET. TAKE OFF OF POWER CAN BE MADE AT BACK OF MOTOR OR CERAMIC SWITCH MAY BE REMOVED. ADJUSTMENTS FOR STOPS ARE MADE AT THE MOTOR AND THE CONTROL PANEL CAN BE LOCATED AT A REMOTE POSITION WHERE THE MOTOR STOP CAN BE SELECTED, PANEL ALSO HAS LIGHT DIMMER CONTROL AND LOCAL & REMOTE POSITION SWITCH. PART OF RDZ AUTOTUNE, COLLINS#596A RDZ#23491 SIZE: 9x4x6, WT: 7 LBS. PRICE: NEW \$5.95



MD-34/ARA-8 MODULATOR KEYING UNIT AUTOMATIC HOMING KEYING ASSY. THAT OPERATES FROM 24 VDC MOTOR THAT IS CONNECTED TO A WORM GEAR WHICH ACTUATES THE CODED WHEEL THAT INTERRUPTS THE SIGNAL AND TRANSFERS FROM ONE ANTENNA TO ANOTHER. ALSO HAS RELAY AND THREE SO-239 TYPE COAX. CONN. CAN BE USED AS A REMOTE ANTENNA CHANGE-OVER. SIZE: 3 1/2 x 10 x 4 1/2, WT: 5 LBS. PRICE: USED..... \$1.95



ANTENNAS

AB-52/TRC-8 HALF WAVE DIPOLE ANTENNA & REFLECTOR. FREQ. RANGE 230 TO 250 MC. 50 OHM COAX CABLE FEED; DIPOLE 3/4" DIA. X 20" LG. W/14" LG SUPPORT; REFLECTOR 36"x30" EACH SIDE; FOLDS UP TO 30"x23x8"; MOUNTS TO MAST HEAD BY MEANS OF FOR ADJUSTABLE CLAMPS TO PROVIDE EITHER HORIZ. OR VERT. POLARIZATION. WT: 20 LBS. TAKES TWIN COAX CONN. PRICE: \$3.95



ANTENNA RADAR RCA#636500-1; 24" PERFORATED REFLECTOR, 12" STUB WITH 208 V. 400 CYCLE, 3 PHASE 1/4 HP MOTOR, 360 DEG. ROTATION 22.5 VAR. ANGLE. W/ AUTOSYN RESOLVER AY-221-S, 36/11.8 V. 400 CYC. 2 PHSE. PLUS RELAYS ETC. SHPG. WT.: 35 LBS.



\$22.50 USED

LINK 1509 COAXIAL TYPE ANTENNA HALF WAVE VERTICAL WITH ADJUSTABLE ELEMENTS 27" TO 41" TELESCOPIC, 1 SECT. DIA. 3/4" OTHER 9/16"; END OF WHIP HAS 3/4" SOLID LUCITE SPHERE THAT IS USED AS A RADIATOR AND SCREWS INTO A LUCITE INSULATOR THAT IS MOUNTED ON TELESCOPING SKIRT THAT IS VARIABLE FROM 27 TO 42" 1 SECT. 1-7/16 DIA. OTHER 1 1/2"; USED AS A RADIATOR. COMPLETE WITH 100 FT COAXIAL CABLE, 50 OHM. PRICE: \$7.95

AS-313/ARN-6 ANTENNA LOOP & MOTOR WITH AUTOSYN POSITION TRANSMITTER. SAME AS USED WITH AN/ARN-6 RADIO COMPASS THAT TUNES FROM 200 TO 1750 KC. OPERATES FROM 26 VOLT 400 CYCLE FOR MOTOR & AUTOSYN SIZE: 10x11x5; WT: 14 LB. USED \$9.95



ID-90/ARN-6 COMPASS INDICATOR 3", USED \$4.95

AS-158/APA-24 DIPOLE ANTENNA ASSY. CONSISTS OF A PAIR OF HORIZONTAL & VERTICAL DIPOLES MOUNTED SO THEY CAN BE ROTATED. FREQUENCY RANGE 450 TO 750 MC. MAST 34" AND TWO LENGTHS OF TWIN COAX. 4 1/2 FT. EA. SHPG. 22 LB PRICE: \$1.95



AS-222/APA-17B ANTENNA ASSY. 50 TO 250 MC. CONSISTS OF 2 HORIZONTALLY MOUNTED ONE QUARTER TURN LOOP ANTENNA ELEMENTS, TWO COAXIAL CONDUCTORS, TUNING CIRCUIT AND A SELSYN MOTOR MOUNTED IN THE HOUSING WHICH IS CONNECTED TO THE TUNING CONDENSER BY A 40:1 GEAR BOX. THE RELAY CONNECTS VARIOUS INDUCTANCES IN PARRALLEL TO PROVIDE FOUR TUNING BANDS. THE ANTENNA IS CONNECTED BY A COAXIAL SLIP RING ASSY. THROUGH THE DRIVE UNIT. THE MOUNTING FLANGE IS 3 1/2", LOOP SIZE 16 1/2 x 13 1/2 x 11. WT: 14 LBS. SELSYN OPERATES FROM 115/400CY RELAY 24 VDC. PRICE: USED \$7.95 CONNECTOR PLUG TO FIT ANTENNA..... \$1.50



AS-26/APR-2 ANTENNA 400 TO 1000 MC. USED WITH R-34/APR-2 RECEIVER. SIZE: 8x6, WT: 2 LBS.

AS-26/APR-2 PRICE: \$7.95 AT-49/APR-4 ANTENNA 300 TO 3300 MC. USED WITH R-54/APR-4 RECEIVER. SIZE: 7x8, WT: 2 1/2 LB PRICE: \$9.95



A-27 PHANTOM ANTENNA USED WITH BC-653 & BC-191 TRANSMITTERS FOR TUNING & LOADING WITHOUT REGULAR ANTENNA BEING CONNECTED. CONTAINS A 0-150 MMF. WIDE SPACED 3/16, VARIABLE CAPACITOR, 2/12 OHM 40 WATT NON-INDUCTIVE RESISTORS, MOUNTED IN A CASE 3 1/2 x 7 x 4 1/2 THAT HAS A PONIOTER KNOB AND 0-100 SCALE. ANTENNA & GND LEADS WITH COVER. WT: 2 LBS. PRICE: RE-NEW \$1.50



A-62 PHANTOM ANTENNA USED WITH BC-604 TRANSMITTER FOR LOADING TRANSMITTER WITHOUT USE OF REGULAR ANTENNA. CAN BE USED FOR ANY TRANSMITTER IN THE 21 TO 28 MC. BAND. HAS A VARIABLE CAPACITOR 55 MMF., 2/RESISTORS, COIL SLUG TUNED, BINDING POSTS AND INDICATOR LAMP THAT LIGHTS WHEN TRANSMITTER IS LOADED. SIZE 3x6. WT: 4 LBS



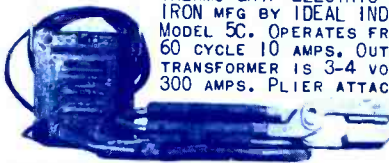
MISCELLANEOUS

ANNUNCIATOR

10-21/4 FT ANNUNCIATOR LIGHT ASSY CALL SYSTEM NUMBERED 1 TO 100, 1-3/4 INCH NUMBERS, OPERATES FROM 48 VOLTS A.C. OR D.C. NUMBERED TERMINAL BOARD FOR EASY WIRING. WITH ALL OPERATING LAMPS & SPARES SIZE 29 1/2 x 35 1/2 x 4 1/2; SHPG. WT: 159 LBS PRICE: UNUSED \$18.95



THERMO-GRIP ELECTRIC SOLDERING IRON MFG BY IDEAL INDUSTRIES, MODEL 5C. OPERATES FROM 115 VOLT 60 CYCLE 10 AMPS. OUTPUT OF TR TRANSFORMER IS 3-4 VOLTS AC, 2-300 AMPS. PLIER ATTACHMENT IS



INTENDED TO BE USED FOR SOLDERING LUGS UP TO 150 AMPS OR COPPER PIPE UP TO 3/8". PLIER IS 12" LONG AND CABLES 52". WITH SUITABLE ATTACHMENTS TRANSFORMER CAN BE ALSO USED FOR HEAVY SPOT SOLDERING AND ETCHING. WT: 30 LBS. PRICE WITH CARRING CASE \$19.95 " LESS " " 16.95

THERMO-GRIP MIDGET SIZE SOLDERING PLIERS IDEAL NO. 12-023. THESE

PLIERS ARE ONLY 9" LONG AND HAVE A 54" CABLE WITH CONNECTORS AND IS INTENDED TO BE USED WITH A 300 WATT TRANSFORMER FOR LIGHTER WEIGHT WORK. WT: 2 LBS. PRICE: CABLE & PLIERS ONLY \$2.95



BC-1141 MINE DETECTOR AMPLIFIER AS USED IN SCR-625 MINE DETECTOR. HAS SENSITIVE AMPLIFIER & TONE SYSTEM THAT WAS USED TO DETECT METALS. OPERATES FROM 2 FLASH-LIGHT & 93 VOLT DRY CELLS. COMPLETE WITH TUBES 2/1N5GT & 1/1G6GT, LESS BATTERIES. SIZE: 14x6x5 WT: 10 LBS. PRICE: USED \$3.95



SELECTOR

SELECTOR CONTROL ASSEMBLY AS USED IN R-278 RECEIVER AND T-217 TRANSMITTER. UNIT CONTAINS 33 NUMBERED THUMB-IT WHEEL WAFER SWITCHES WHICH CAN BE MOUNTED SINGLY OR IN BANKS, 23 1/2 CONTACT, 10 19 CONTACT, ALSO 4 A.C. RELAYS ON A 10 CHANNEL GEAR TRAIN WITH 115 VOLT 60 CYCLE MOTOR, CHANNEL SELECTOR SWITCH RESISTORS CONDENSERS ETC. SIZE: 16x9x9; WT: 1 LBS. PRICE: USED WITH GOOD MOTOR \$12.95 " LESS " " 8.95



HEATER

HEATING & VENTILATING UNIT 5000 BTU GASOLINE HEATING, ELECTRIC GLOW PLUG STARTING, SELF CONTAINED GAS TANK, 115 VOLT AC OR DC BLOWER, APPROX. 150 CFM, VARIABLE SPEED CONTROL FOR BLOWER OUTPUT. UNITS ARE UNUSED BUT SHELFWORN. SIZE: 13 1/2 x 13 1/2 x 11 WT: 29 LBS. STK#31233 PRC PRICE: \$16.95



VISUAL FLASH LAMP

USED BY AIRCRAFT OR GROUND UNITS FOR IDENTIFICATION PURPOSES. DESIGNED TO DELIVER EXTREMELY BRIGHT FLASH OF LIGHT 1 FLASH PER 1 1/2 SEC. WHICH CAN BE SEEN BY AIR IN BRIGHT SUNLIGHT FOR 3 MILES OR 1 MILE ON THE GROUND. AVAILABLE FOR 6, 12 OR 24 V. OPERATION. CONSISTS OF A HIGH VOLTAGE CONVERTER USING A VIBRATOR TYPE POWER SUPPLY, SLYVANIA TUBE #1073. COMPLETE WITH 20 FT. CABLE SPARE PARTS & MANUAL. IDEAL FOR BOATS, PLANES, AUTOBOAT LANDINGS, COTTAGES, PHOTOGRAPHIC WORK ETC. (CAN BE OPERATED FROM 115 VOLT BY USING OUR D.C. POWER SUPPLIES LISTED ON PAGE 7) SIZE: 17x10x4 1/2; WT: 50 LBS. UNUSED \$29.50





ART-13 TRANSMITTER

100 WATT AIRCRAFT
AUTOTUNE TRANSMITTER

MAKES A VERY SATISFACTORY AMATEUR UNIT FOR 80, 40, 20 AND 10 METERS. THE AUTOTUNE FEATURE PERMITS YOU TO PRESET THE FREQUENCY DESIRED ON ANY 10 PRESELECTED CHANNELS. (FOR CONVERSION INSTRUCTIONS SEE MANUALS #2 & #3 \$3.00 EA. TUBE LINEUP 1/837, 1/813, 2/1625, 1/125J7, 2/6V6, 2/811, 2/12SL7, 1/12SA7. VOLTAGE REQUIRED 28VDC 10AMP, 400VDC, 225MA & 1250VDC 250MA. SIZE: 23x16x11 1/2 WT. 70LBS

PRICE: USED \$59.50
CONNECTOR PLUGS FOR TRANS. U/7 & U/8 \$2.50 EA. DYNAMOTOR FOR ART-13 WITH FILTERS & RELAYS 28VDC INPUT. PRICE: USED \$12.95 NEW 15.95

CONNECTOR PLUGS FOR DYNAMOTOR U-9 OR U-10 EACH \$2.50
CU-24/ART-13 ANTENNA SHUNT CAPACITOR CONSISTS OF 3 CAPACITORS 25MMF 10KV PRICE NEW \$3.95 USED \$1.00

O-17/ART-13 LOW FREQUENCY OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 TUBE. ALL OPERATING VOLTAGES ARE OBTAINED FROM THE TRANS. POWER SUPPLY. SIZE 5 1/2x5 1/2x9, WT. 4LBS. USED \$7.95



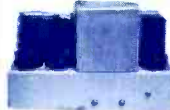
SA-22/ART-13 ANTENNA SWITCHING UNIT CONTAINS A BENDIX VACUUM RELAY LM-26G, 24VDC, 2 POSITION CERAMIC SWITCH & 4 LARGE INSULATORS SAME AS USED ON TRANSMITTER, ALSO SO-239 COAX. CONNECTOR. SIZE: 11x7x7 WT 10LBS

PRICE: NEW \$7.95



PANEL METER ASSEMBLY AS USED ON THE ART-13 TRANS. HAS 2" 0-5 ANTENNA CURRENT METER; 2" 0-200 AND OTHER SCALE READING AS USED, BASIC MOVEMENT 1 MA. FULL SCALE. ALSO FIVE KNOBS WITH ROTARY SWITCHES, SPST SW., PHONE PLUG AND PILOT LIGHT. SIZE: 10x5x2 1/2 WT: 3 LBS.

PRICE: USED \$4.95



ART-13 AUDIO SPEECH AMPLIFIER CONTAINS TWO 6V6GT & ONE 12SJ7 TUBES, CAN BE USED FOR CARBON OR DYNAMIC MIC. SIZE: 7x4x3 1/2 WT: 4LBS, USED STK#20254 PRICE \$5.95



ART-13 CFI CALIBRATION FREQUENCY INDICATOR & MCW OSCILLATOR ASSY. USED TO PROVIDE A CONSTANT CRYSTAL CONTROLLED STANDARD OF 200 KC. IN ORDER THAT FREQ. CAN BE CHECKED ALSO 1000 CYCLE TONE. WITH 200KC. CRYSTAL & 2 TUBES SIZE 6x5x3 WT. 3LBS STK.#8Q1

PRICE USED \$6.95



POWER AMPLIFIER & SWITCHING ASSY. FOR ART-13. CONTAINS COILS L-114, L13, SWITCHING DEVICE 113b, c, d, CONDENSERS ETC. USED SIZE 8 1/2x5 1/2x3 1/2; WT: 4LBS. \$4.95



FREQUENCY MULTIPLIER CONTAINS, 2 TUBE SOC KETS, CERAMIC CONDENSERS, SWITCHING DEVICE, RESISTORS ETC. (SOME INSULATORS OR TUBE CAPS MAY BE MISSING. USED, REMOVED FROM ART-13. SIZE 6x2x5; WT: 5LBS. \$6.95



VARIOMETER COIL FOR ART-13 L-112, ROTOR & STATOR COILS WITH GEARED COUPLING. 4x5x3; 2LB. USED \$1.95



RELAY, OUTPUT CIRCUIT SELECTING, 24 VDC #K105 6x2x3; 2 LB. USED \$2.95

TEST SET

TS-3A/AP RADAR FREQUENCY METER 2400 TO 3400 Mc USING A TUNEABLE CAVITY ALSO HAS 3" METER FOR TESTING POWER OUTPUT, 0-2 MA. MOVEMENT 0-20 SCALE. USED WITH SCR-717/720 RADAR SET. WITH CABLES, TEST LAMP, COMPUTER RULE ETC. SIZE: 8x8x8; WT: 25 LBS. PRICE: UNUSED \$9.95



AIRPORT MARKER BEACON 75MC TRANSMITTER RECEIVER

CDE-52326 NAVY MODEL MARKER BEACON TRANSMITTER PORTABLE UNIT THAT OPERATES FROM 115 VOLTS 60CYC WHICH TRANSMITS A KEYED OR A CONTINUOUSLY MODULATED SIGNAL VERTICALLY IN A BALLON-SHAPED PATTERN ON 75MC. USED AT AIRPORT LANDING FIELDS RUNWAYS IN CONJUNCTION WITH MARKER BEACON RECEIVERS THAT ARE INSTALLED IN THE PLANE THUS ENABLING THE PILOT TO KNOW WHEN HE IS OVER THE RUNWAY. (IN CONJUNCTION WITH HIS OTHER INSTRUMENTS.) WATTAGE OUTPUT (1) ONE WATT, MASTER OSCILLATOR & MODULATED CW, 400CPS, 1300CPS, 3000CPS TUBE LINEUP 4/6V6, 2/6SN7, 1/6SR7, 1/6P5, 2/VR150, 30 & 1/5Y3. COMPLETE WITH TUBES & DIPOLE ANTENNA & OPERATING MANUAL. SIZE: 17 1/2x10x11 WT 35LBS PRICE UNUSED \$29.95



BC-1033 MARKER BEACON RECEIVER 75MC. USED TO RECEIVE SIGNALS FROM ABOVE TRANSMITTER. WHEN SIGNAL IS RECEIVED IT OPERATES A RELAY IN THE RECEIVER WHICH IN TURN CAN BE USED TO OPERATE SIGNALS, LIGHTS, MOTORS, TURN ON EQUIPMENT ETC. VOLTAGE REQUIRED 24VDC. COMPLETE WITH TUBES 1/12SN7, 1/6SH7, 1/6SL7

SIZE: 3x5 1/2x5 1/2 WT. 3LBS. PRICE: USED \$2.95

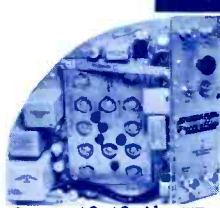
R-122/ARN-12 BEACON RECEIVER



ILLUSTRATED COVER OFF. AIRBORNE EQUIPMENT DESIGNED TO RECEIVE RADIO SIGNALS TO DELIVER AURAL & VISUAL INDICATION OF THE RECEIVED SIGNAL TO THE PILOT OF THE AIRCRAFT IN WHICH IT IS INSTALLED. FORM THESE INDICATIONS THE PILOT CAN ACCURATELY CHECK IN RESPECT TO A PARTICULAR RADIO RANGE STATION. THE RECEIVED SIGNAL IS FIXED FREQ. 75 MC. A-M MODULATED AT 400, 1300 OR 3000 CPS. AND OPERATES FROM 24 VOLTS DC FOR FILAMENTS AND B VOLTAGE. COMPLETE WITH TUBES 5/6AJ5, 2/6AL5W & 2/28D7. HAS CRYSTAL CONTROLLED OSCILLATOR WITH 6.9 MC., IF FREQ SIZE: 10x5x6; WT: 8 LBS.

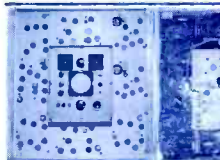
PRICE: USED \$4.95

OSCILLATOR



R.F. OSCILLATOR. PART OF GKA-1 EQUIPMENT. CONTAINS SEVERAL TYPES OF BAND PASS FILTERS, VARIABLE CONDENSER, TUBE SOCKETS TEST JACKS, RESISTORS 1%, CAPACITORS, 2/UG-88 BCN COAX. CONNECTORS, PILOT LIGHT, SWITCH, POTS ETC. OSCILLATOR FREQ. APPROX. 24 KC.

SIZE: 12x12x4 1/2; WT: 13 LBS. USED \$1.95



SCOPE MONITOR CONVERTER

CONVERTER-MONITOR PANEL ASSEMBLY CV-399/GPA23 PART OF COMPUTER SYSTEM. CONTAINS A GOOD 3" SCOPE FOUNDATION ASSY. USING 3CP1A C.R. TUBE MOUNTED ON A PANEL 10" X 12". SCOPE PANEL HAS 0-100 VERNIER DIAL 1 1/2" PLUS CENT, FOCUS CONT. SWITCHES ETC. THE MASTER PANEL HAS 10 SEPARATE SUB-PANELS WITH LOADS OF CONDENSERS, RESISTORS TERMINAL STRIPS ALSO AUTOSYN, CONNECTORS, CONTROLS, TRANSFORMERS AND LOTS MORE. \$12.95 SIZE: 25 1/2x25 1/2x14; WT: 55 LBS. USED

SCOPE



5" SCOPE FOUNDATION FROM COMPUTER INTERCEPT CONSOLE WITH A 24360 C.R. TUBE. P/O OA/GPA-23 SYSTEM. ASSY HAS CONTROLS, VIDEO AMPLIFIER ETC NO SIDE PANELS. SIZE: 15x10x20; WT: 20 LBS. #24360 SCOPE FOUNDATION USED \$5.95

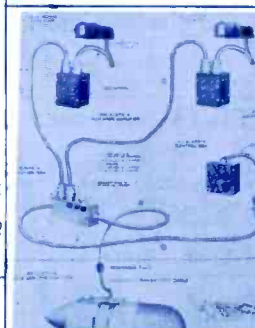


GP-7 TRANSMITTER

GP-7 NAVY AIRCRAFT TRANSMITTING, FREQUENCY COVERAGE 350 KC. TO 9050 KC. BY THE USE OF SIX PLUG IN TUNING UNITS, AM, CW & MCW OPERATION, 30-50 WATTS VOICE & 85 TO 125 WATTS CW DEPENDING ON THE FREQUENCY AND TYPE INSTALLATION. COMPLETE WITH TUBES 2/1616, 1/803, 1/801, 1/843 & 1/5Z3, ANTENNA LOAD COIL, PILOTS & OPERATORS CONTROL BOX, COVER & MANUAL. SET OPERATES FROM 115 VOLTS 800 CYCLE AND 12 OR 24 VOLTS D.C. AS IT HAS ITS OWN SELF CONTAINED A.C. POWER SUPPLY. THE 2 1/2" METERS ARE USED FOR MEASURING PLATE, FILAMENT & OUTPUT. THE SET IS CONSTRUCTED OF ALUMINUM AND FIVE TUNING UNITS HAVE CARRING CASES WITH SNAP-LIDING COVERS AND CARRING HANDLES. TRANSMITTER SIZE: 23x11x13; WT: 50 LBS. TOTAL WEIGHT OF ALL THE EQUIPMENT, PACKED 200

PRICE FOR COMPLETE SET AS DESCRIBED... \$34.95

GP-7 COMPONENTS INDIVIDUALLY PRICED			
CAY 52173	Transmitter - Power Supply		\$16.95
PLUG-IN TUNING UNITS			
CAY 47150A	R.F. UNIT	350-800 Kc Band	3.95
" 47151B	"	800-1500 "	3.95
" 47155C	"	1500-3000 "	4.95
" 47152D	"	3000-4525 "	4.95
FOLLOWING TUNING UNITS HAVE ROTARY INDUCTORS			
" 47153E	"	4525-6500 "	7.95
" 47154F	"	6200-9050 "	7.95
" EMPTY CASES FOR THE ABOVE TUNING UNITS WITH SNAP COVER AND HANDLE			
" 47125	ANTENNA LOAD COIL		1.95
" 23219	PILOTS CONTROL BOX		1.95
" 23220	OPERATORS "		2.95
	INSTRUCTION BOOK		7.50



APS-4 RADAR

AIRBORNE SEARCH INTERCEPTION WITH FOLLOWING ANGULAR COVERAGE 78 DEG. AZIMUTH, ELEV-30-10 DEG. ELEVATION INTERCEPT 30-30 DEG. CONSISTS OF REC. TRAG ANT. IN ONE UNIT, TWO INDICATORS, 2 AMPLIFIERS, JUNCTION & CONTROL BOXES, WITH TUBES 2/723, 2/1R22, 4/3R24, 3/5U4, 30/6J6, 11/6AK5, 4/6SL7, 2/724, 1/725, 1/807, 1/VR-105, 4/VR-150. AS SHOWN WITH THE EXCEPTION OF CABLES

CIRCLED 1, 2, 3, 4 WHICH ARE USUALLY INSTALLED IN THE AIRCRAFT. OPERATES FROM 115 VOLT 800 CYCLE & 24 VDC. SHPG. WT: 350 LBS. PRICE: USED \$79.50 UNUSED \$99.50 SET OF FIVE PLUGS LESS DETACH PLUG.. \$10.00 INVERTER 800-10 FOR ABOVE INPUT 24 VDC, OUT-115 V. 800 CYC. USED \$9.95



RC-58 FACSIMILE

USED TO TRANSMIT AND RECEIVE MESSAGES ON 3/8" PAPER TAPE BY WIRELESS OR OVER WIRE THE UNITS ARE USED

WITH A STANDARD A.M. TRANSMITTER AND RECEIVER THE SAME TYPE EQUIPMENT MUST BE USED ON BOTH ENDS OF THE SERVICE. MESSAGES ARE WRITTEN ON THE PAPER TAPE AND FED INTO THE MACHINE WHICH IS THEN TRANSMITTED TO THE RECEIVER ON THE OTHER END FED INTO THE MACHINE WHICH RECORDS ON THE PAPER TAPE. EQUIPMENT CONSISTS OF AMPLIFIER AND RECORDER. OPERATES FROM 12 VDC. SIZE: 11x10x11 & 14x10x9; WT: 75 LBS. USED PRICE: USED \$69.50 WITH 30 ROLLS TAPE.



COMPUTER TEST PANEL

COMPUTER TEST PANEL PART OF GPA-23 COMPUTER SYSTEM HAS ONE SYNCHRO RECEIVER 23TR6 115 VOLT 60 CYCLE, SIZE 2"x4", CONNECTED TO 360 DEG. 5th INDICATOR DIAL, TWO AUTOSYNS AY-201S, 1 SIX POSITION 5 DECK ROTARY SWITCH, 6 PILOT LIGHTS, 10 TOGGLE SWITCHES VARIOUS TYPES, 5 BARRIER TERMINAL STRIPS, SOCKETS, POTS, CONDENSERS, RESISTORS. A REAL BOMMANZA. SIZE: 17x8x11; WT: 17 LBS. PRICE: USED \$9.95

POWER SUPPLIES

RECEIVER POWER SUPPLY & SPEAKER FOR THE FOLLOWING SETS
 R-23/ARC-5 BC-453 BC-342
 R-24/ARC-5 BC-454 BC-344
 R-25/ARC-5 BC-455 BC-348
 R-26/ARC-5 BC-946 BC-429
 R-27/ARC-5 RAX

COMPLETE WITH 8" DYNAMIC SPEAKER HOUSED IN A METAL CABINET WITH CONNECTING CABLE, PLUG, PHONE JACK, VOLUME CONTROL, BFO SWITCH ETC. IF REQUIRED. CAN ALSO BE USED FOR OTHER SETS. OUTPUT VOLTAGE 200-250 VDC, 60 TO 90 MA. INPUT 115 VOLT 60 CYCLE. SPECIFY FOR WHAT SET. SIZE: 10x10x6; WT: 15 LBS. NO. P.S.(SET NUMB.) PRICE; KIT OF PARTS \$15.00 WIRED \$18.95

BC-652 RECEIVER POWER SUPPLY WITH SPEAKER SAME AS ABOVE; KIT \$20.00; WIRED \$23.95



BC-603/BC-683 RECEIVER P.S. DESIGNED TO BE PLUG IN-TO THE SAME PLACE AS THE DYNAMOTOR WITH NO CONVERSION TO THE SET THAT WILL EFFECT THE OPERATION FROM THE DYNAMOTOR. ONLY WORK REQUIRED IS ADD ON/OFF SWITCH IN PLACE OF SPAR FUSE HOLDER. TRANSFORMER TYPE USING 5Y3GT TUB
 OUTPUT 220 VDC, 80 MA. & 24 VDC 2 A. WT: 5 LBS. NO. P.S.603/683 KIT \$10.00 WIRED \$14.95



BC-923 RECEIVER POWER SUPPLY
 OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 275 VOLTS DC, 150 MA. & 12.6 VOLTS AC. 4 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5U4G TUBE, CHASSIS, WIRING DIAGRAM, LINE CORD ETC.
 SIZE: 5x6x9; WT: 15 LBS.
 PRICE: KIT OF PARTS...\$16.00
 #PS-923 WIRED... 20.95

R-77/ARC-3 RECEIVER POWER SUPPLY
 OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 210 VOLTS DC @ 125 MA. & 24 VOLTS AC @ 2 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5Y3GT TUBE, CHASSIS, LINE CORD ETC. #PS-R77/ARC-3
 SIZE: 5x6x9; WT: 14 LBS. (LAYOUT SAME AS 923)
 PRICE; KIT OF PARTS...\$15.00 WIRED \$19.95

POWER SUPPLY No. 7630019.
 OPERATES FROM 115 VOLT 60 CYCLE DUAL HIGH VOLTAGE OUTPUT 400 DC 200 MA & 400 DC 200 MA. ALSO 6.3 VAC 2.75 A. & 6.3 VAC 5.5 A WITH 2/5R4GY TUBES.
 SIZE: 10x7x15; WT: PRICE: \$22.95
 CABLE WITH 18 CONTACT PLUG TO FIT P.S \$2.00

POWER SUPPLY No. 7630020VR
 VOLTAGE REGULATED, OPERATES FROM 115 VOLT 60 CYCLE. OUTPUT 200-250 DC. @ 150-250 MA. ALSO 6.3 VAC 2.75A & 6.3 VAC 5.5 TUBES 2/6AS7G, 1/VR-105, 1/6AK7 & 1/5R4G. WT: 30 LBS. SIZE: 11x10x6 \$19.95

CABLE WITH 18 CONTACT PLUG TO FIT POWER SUPPLY PLUG, 4 FOOT \$2.00

POWER SUPPLY 763003 (MODIFIED)
 OUTPUT 375 VDC @ 225 MA & 6.3 VAC @ 2.75 A, 6.3 VAC @ 5.5 A. INPUT 115 VOLT 60 CYCLE. WITH 2/5R4GY TUBES.
 SIZE: 9 x 13 x 7; WT: 35 LBS. PRICE: \$14.95

CONNECTOR 18 CONTACT \$2.00

PP-662/GPN POWER SUPPLY, VOLTAGE REGULATED, 300 VDC 10 TO 90 MA. PLUS POTENTIAL, 210 VDC MINUS. WITH TUBES 4/5651, 2/6AH6, 1/12AT7, 2/6AS7, 1/5Y3 & 1/5R4. OUTPUT PIN JACKS WITH ADJUST METERING SWITCH, FUSED OUTPUT & INDICATOR LIGHTS.
 SIZE: 10x8x20; WT: 35 LBS. NO. COVER OR PLUG IN RELAY. PRICE: USED \$16.95

DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE CORD, PILOT LIGHT, LINE FUSE ETC. INDICATED RATINGS ARE FOR LOAD CONDITIONS.

DUAL OUTPUT 12/14 OR 24/28 VDC @ 6 AMPS. SIZE 7x6x13; WT: 17 STK#PS-12/24VDC6A
 KIT OF PARTS...\$20.00
 WIRED COMPLETE... 24.95



OUTPUT 12/14 VOLTS DC @ 6 AMPS. SIZE: 5x9x5; WT: 20 LBS. STK#PS-12VDC6A
 KIT OF PARTS...\$14.00
 WIRED COMPLETE... 18.95

OUTPUT 24/28 VOLTS DC @ 4 AMPS. SIZE: 5x9x5; WT: 12 LBS. STK#PS-24VDC4A
 COMPLETE WIRED...\$17.95
 KIT OF PARTS... 13.00

OUTPUT 12/14 VOLTS DC @ 4 AMPS. SIZE: 5x9x5; WT: STK#PS-12VDC4A
 COMPLETE WIRED...\$14.95
 KIT OF PARTS... 10.00

OUTPUT 24/28 VOLTS DC @ 1 1/2 A. SIZE: 7x6x5; WT: 6 LBS. #PS-24VDC1.5A WIRED...\$10.95
 KIT OF PARTS \$8.00

OUTPUT 12/14 VOLTS DC @ 2 AMP SIZE: 7x6x5 WT: 7 LBS. #PS-12VDC2A WIRED...\$9.95
 KIT OF PARTS... 7.00

DC POWER PACK 12 VOLTS 5 AMP. INPUT 115 VOLTS 60 CYCLE LESS 0.3% RIPPLE AT 3.75 AMP. NEWLY MANUFACTURED, RUGGED CONSTRUCTION, PORTABLE UNIT, IDEAL FOR TRANSISTOR DC USE, TESTING & OPERATING SURPLUS EQUIPMENT, MOTORS, DYNAMOTORS ETC AS LONG THE CURRENT DRAIN OF THE UNIT BEING TESTED DOES NOT EXCEED THE 5 AMP RATING OF THIS POWER PACK. STK# 30512DC. SIZE: 5x4x10; WT: 10 LBS. \$24.95

Used \$89.50
 D.C. POWER SUPPLY & BATTERY CHARGER. INPUT 115-125 VOLT 60-400 CYCLE, OUTPUT 22-30 VOLT D.C. 70 AMPS. NOT FILTERED. MODERN TYPE USES SILICO RECTIFIERS, MOD. #KBA-28-VDC; SIZE: 15x15x15; 150 LBS

POWER CONVERTER
 TRANSISTORIZED POWER CONVERTER 12 VOLTS D.C. TO 117 VOLTS A.C. POWERFUL 125 WATTS CONTINUOUS DUTY WITH POWER TO SPARE FOR EXTRA YEARS OF SERVICE. PLUGS INTO CIGAR LIGHTER OF AUTO OUTLET AND WILL OPERATE LIGHTS, SHAVERS, RADIOS PHONOS OR MOST ANY EQUIPMENT DRAWING 10 TO 125 WATTS. SIZE 5x5x4; WT: 4 1/2 LBS. PRICE: \$29.95 (NEWLY MANUFACTURED)

DC AC CONVERTER
 D.C. 6 OR 12 VOLT TO 115 VOLT 60 CYCLE CONVERTER 15 TO 50 WATTS EXCELLENT REGULATION, VIBRATOR TYPE. CAN BE USED TO OPERATE ANY ELECTRICAL DEVICE SO LONG THAT THE AC WATTAGE REQUIREMENT OF THE DEVICE DOES NOT EXCEED 50 WATTS. A.C. RECEPT ACLE, FUSED LINE, 6 FT. BATTERY CORD. #PP-688.. SIZE: 10x9x8; WT: 29 LBS. PRICE: USED \$9.95 LIKE NEW \$14.95

RA-94 POWER SUPPLY USED WITH BC-779 SUPER-PRO OR BC-794 REC. 115/230 VOLT 60 CYCLE INPUT, 19" RACK PANLE MTG. 10 1/2" H x 11" D. P.S OUTPUT 270 VDC & 140 VDC 150 MA. ALSO 6.3 FOR FILAMENTS. W/ 5Z3 & 80 TUBE. SHPG. 100 LBS. USED \$19.95 USED CHECKED \$22.95

PP-115/TRC-8 POWER SUPPLY
 OUTPUT 550 VDC 350 MA & 6.3 VAC CT. 6 AMPS. WITH 2/5U4G, 115/230 V 60 CYCLE SIZE: 12x8x14; WT: 50 LBS. ILLUSTRATION SHOWS 115 V APPROX. 100 CFM BLOWER. WITH BLOWER... \$22.95
 LESS " ... 18.95

NEW COAXIAL CABLE

NEW MANUFACTURE AND BRANDED WITH STANDARD TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-BETWEEN LENGTHS USE THE HIGHER PRICE. LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

	100 FEET	500 FEET	1000 FEET	5000 FEET
RG-8/U	52 OHM .10	.09	.08	.08
RG-11/U	75 " .09	.08	.07	.07
RG-58/U	53 " .04	.04	.03	.03
RG-59/U	73 " .04	.04	.04	.03

PRICES ARE PER FOOT

NEW COAXIAL CONNECTORS

S0-239 \$.45 EA. 10 OR MORE \$.39 EA.
 PL-259 \$.45 EA. 10 OR MORE \$.39 EA.
 M-359 \$.45 10 OR MORE \$.39
 PL-258 JUNCTION \$.89 10 OR MORE \$.80
 TYPES MAYBE ASSORTED TO OBTAIN THE LOW PRICE

Coaxial Cable FOR LESS THAN 3c Per Foot!

RG-54 A/U CABLE- DESIGNED FOR LONG LIFE & CONSTANT ATTENUATION 58 OHMS, .250 OD. WITH POLYETHYLENE JACKET.

370 FOOT ROLL \$10.00 70 FOOT ROLL \$ 1.95

LESS THAN SPECIFIED LENGTHS .03 PER FOOT

COAX CABLE ASSY

TYPE	OHMS	LENGTH	CONNECTOR	STOCK#	PRICE
RG-8/U	52	15 1/2 FT.	2/PL-259	CG-107	\$.95
RG-8/U	52	30 FT.	2/UG-21	CG-55	1.75
RG-11/U	75	32 INCH	2/UG-21	CD-1259	.25
RG-11/U	75	21 FT.	1/PL-259	CD-876	.95
RG-21/U	53	10 FT.	UG-21/22	CD-780S	.50
RG-22/U	95	40 FT.	1/PL-284	CD-879	1.00
RG-22/U	95	46 1/2 FT.	1/PL-284	CD-878	1.15
RG-22/U	95	50 FT.	1/PL-284	CD-877	1.25
RG-26/U	48	30 FT.	2/UG-34	CE4392-	1.95
RG-62/U	93	10 FT.	2/UG-88	CG-1410	.40
RG-62/U	93	22 FT.	2/UG-88	CG-1410	.80
RG-62/U	93	35 FT.	2/UG-88	CG-1410	1.25
RG-62/U	93	130 FT.	2/UG-88	CG-1410	2.50
RG-58C/U	53	20 FT.	2/UG-88	CG-409D	1.00
RG-58C/U	53	110 FT.	2/UG-88	CG-409D	2.95
RG-8/U	52	14 IN.	2/PL-259	CA-101	.40
RG-8/U	52	8 FT.	2/PL-259	CA-102	.75

ATTENUATOR
 IMPEDANCE MATCHING ASSEMBLY WITH 52 OHM CABLE 20" LONG, PL-259 CONNECTORS EACH END AND ATTENUATOR WITH 3" SLIDING ADJUSTMENT AND FEED THRU CONNECTORS EACH END. ATTENUATION 30 DB TO 100 DB 30 TO 450 MC. Stock# 22396-7
 PRICE: USED \$1.25 UNUSED \$1.95

CABLES

CABLE NO.	PLUG NO.	LENGTH	USED WITH	PRICE
3E7243-2	GK12-23	52"	TCS/REC-PS	\$2.75
3E7273-19	SKC16-23	29"	TCS/TRS-PS	2.75
CD-515		48"	BC-669	5.95
CD-1086		48"	BC-1306/GRC	5.95
CD-548	2EA. PL-118	9 FT.	TEST SET	4.95
CD-549	2 " PL-112	9 FT.	TEST SET	4.95
CD-526	2 " PL-153	5 FT.	274N SERIES	4.95
CD-532	2 " PL-152	5 FT.	"	2.75
CD-509		8 FT.	BC-659/620	2.75

MD-16/TPS-3 MODULATOR FOR TPS-3 RADAR SET. P3E EMISSION, RESONANT CHARGING SYSTEM & TYPE E LINE WHICH IS DISCHARGED THROUGH SPARK GAP AND PULSE TRANSFORMER. 8 KV OUTPUT, 500 OHM IMPEDANCE, PULSES 200 PER SECOND, 1.2 SECOND DURATION, WITH TUBES 2/705 & 1/1B32/532. OPERATE 115 VOLTS 400 CYCLE AND WAS USED WITH APPROX. 600 MC RADAR SET. SIZE: 12x14x11 SHPG. WT: 125 LBS. PRICE: NEW... \$9.95

Fair Radio Sales Co.
 2133 ELIDA ROAD
 Lima, Ohio 45802
 P. O. BOX 1105

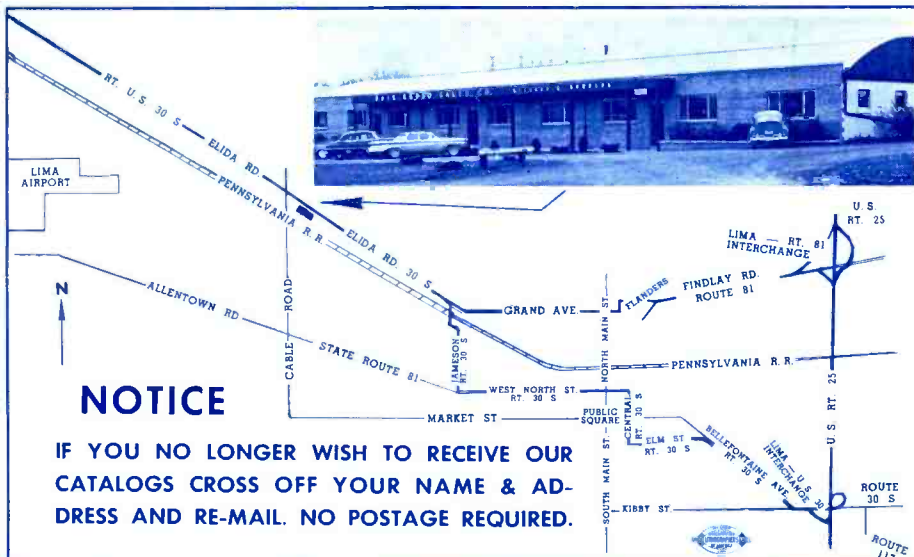
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**IF YOU NO LONGER WISH TO RECEIVE OUR
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BC 645 TRANSCEIVER



BC-645/ABA TRANSCEIVER, TRANSDUCER SET USED IN AIRCRAFT FOR FRIEND OR FOE IDENTIFICATION FOR USE IN THE 460 TO 490 MC. WITH 15 TUBES 4/7F7, 4/7H7, 2/7E6, 2/6F6, 2/955, 1/W316 (THOUSANDS OF THESE SETS HAVE BEEN CONVERTED TO HAM BAND 420-450, MOBILE)

FIXED 450-460, CITIZENS 460-470, TV EXP. 470-500
 SIZE: 6 1/2 x 11 x 14; WT: 20 LBS.
 PRICE: UNUSED \$14.95
 BC-646 CONTROL BOX FOR ABOVE. \$ 1.95
 MOUNTING FOR CONTROL BX. .00
 MOUNTING FOR TRANSCEIVER .50
 ANTENNA ASSEMBLIES FOR SET (2) 1.95
 COMPLETE SET OF PLUGS \$4.95; INDIVIDUAL EA. \$1.

RADIO CLUBS

POLY PACKS EARN MONEY

WE PURCHASED THE ENTIRE INVENTORY OF MERCURY POLY PACK ASSORTMENTS AT A LOW PRICE AND WILL PASS THE SAVINGS ON TO YOU IN A GIANT POLY PACKAGE. EACH GIANT POLY PACKAGE WILL CONTAIN 10 OR MORE SMALL POLY PACKS PRICED FROM 15¢ TO \$1.50 (NO 2 ALIKE) WITH A VALUE OF \$10.00 OR MORE FOR ONLY \$3.50. THE INDIVIDUAL POLY PACKS CAN BE GIVEN AS DOOR PRIZES, AUCTIONED OR SOLD. GIANT POLY PACKAGE \$10 VALUE \$3.50
 3 " " " 30 " 10.00
 FORM YOUR OWN RADIO CLUB & BUY NOW.

RADAR TEST SET



LZ RADAR TEST SET, CONSISTS OF OSCILLOSCOPE, ANTENNA WITH COAXIAL CABLE & PLUG AND FREQUENCY METER/SIGNAL GENERATOR COMBINATION. DESIGNED TO OPERATE IN APPROX. 568 TO 1781 MC. OPERATES FROM 115 VOLT 60 CYCLE. THE SCOPE HAS A 3" CR TUBE, THE FREQ. METER/GENERATOR 0-50 MICROAMPMETER AND THE ANT. IS IN MOUNTED ON A 10" REFLECTOR WITH PLASTIC COVER. THE UNITS WILL BE SHIPPED IN WOODEN CHESTS APPROX 200 LBS. TOTAL WEIGHT. ALL THREE UNITS \$60.00 (LIMITED SUPPLY)

IND. AMP.

AM-6/APA-1 AMPLIFIER & 1D-15 APA-1 INDICATOR WHICH ARE SEPARATE UNITS. AMPLIFIER CONTAINS THE 115 VOLT 400 CYCLE SUPPLY AND THE VIDEO CIRCUITS FOR OPERATION OF THE INDICATOR THAT USES A 3BP1 TUBE. THE INDICATOR ALSO HAS THE CABLE FOR PLUGGING INTO THE AMPLIFIER. SUPPLIED WITH TUBES 1/3BP1, 1/2X2, 1/6G6, 7/6SN7, 1/6H6 & 6X5 AM. 7x12x8; IND. 18x4x4; WT: 22 LBS. USED
 PRICE: USED, \$9.95

WAVEMETER



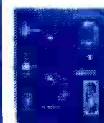
TS-16/APN TEST SET FOR CHECK-ALTIMETERS IN THE 418 TO 462 MC BANDS. UNIT CONTAINS A 5" 6 BAND DIAL THAT IS USED TO SELECT THE AUDIO SIGNAL THAT IS VARIABLE FROM 50-3000 CYC THE 2" 0-30 VDC METER IS USED TO INDICATE THE BANDWIDTH WHEN THE WAVEMETER CONTROL IS VARIED IN ACCORDANCE WITH INSTRUCTIONS FURNISHED WITH SET. OPERATES FROM 24 VOLTS DC. SIZE: 17 1/2 x 15 x 11 WT: 40 LBS. PRICE: USED \$12.95

BC 788 ALTIMETER



BC-788C RECEIVER-TRANSMITTER ALTIMETER, PULSE TYPE, TRANSMITTER OUTPUT 50 WATTS. FIXED FREQUENCY 440 MC. WITH TUBES 3/6J6, 1/6L6, 9/6AG5 AND 1/5Y3GT OPERATES FROM 115 VOLT 400 TO 2400 CYCLE. SIZE: 15 1/2 x 9 x 8; WT: 13 LBS. PRICE: USED \$9.95

SYNCHRONIZER \$12.95



SN-17/AP8-10 SYNCHRONIZER, FOR TRANSMITTER & RECEIVER ALSO SWEEP AND CONTROL CIRCUITS FOR THE INDICATOR. GENERATES CONTROL FOR THE PULSE RECURRENCE RATES OF 410 TO 820 CPS AND RANGE MARKS OF 0-4-25 MILES. SIZE 8x6x13; WT: 30 LBS.

P 4 COMPUTER \$59.50

MFG. BY SPERRY GYROSCOPE CO. THIS UNIT WAS GIVEN MUCH OF THE CREDIT FOR THE SUCCESS OF THE B-29 BOMBER SQUADRONS. CONSISTS OF AN INTRICATE OPTICAL SYSTEM MFG. BY EASTMAN-KODAK THAT INCLUDES TWO PERISCOPES THAT REVOLVE, ONE 22" OTHER 68" AND ARE INTERCHANGEABLE. THE MAIN UNIT IS 35x25x11 AND CONTAINS VARIOUS TYPES OF SMALL 24 VOLT DC MOTORS, PRECISION SEXTANT, SWITCHES, GEARS, CAMS, BEARINGS AND THOUSANDS OF OTHER PARTS. SHIPPING WT: 250 LBS.



VOLTAGE REGULATOR



CN-359/GPA-23 REGULATOR VOLTAGE. 120/208 VOLTS 60 CYCLE, 3 PHASE, 27 KVA. MOTOR DRIVEN POWERSTAT ELECTRONICALLY CONTROLLED. THREE SEPARATE SYSTEMS THAT WILL GIVE CONTROL, 3 PHASE IN, 3 PHASE OUT OR 3 PHASE IN, SINGLE PHASE OUT OR CAN BE DISMANTLED AND HAVE THREE SEPARATE SINGLE PHASE IN AND SINGLE PHASE OUT. CONSISTS OF 3 MOTORIZED POWERSTAT TRANSFORMERS 3 LOW VOLTAGE TRANS. 3 ELECTRONIC CONTROL CHASSIS, SWITCHES, FUSES, METER ETC. USED \$150.00
 SIZE: 27x31x26; WT. SHPG. 420 LB. NEW 199.00

LOOP ANTENNA



AN-190 ANTENNA DIAMOND SHAPED LOOP FOR FREQ. RANGE OF 3.5-6 MC. CONSISTS OF 5 TURNS OF WIRE ON A COLLAPSIBLE WOODEN FRAME WITH HANDLE, 3 FT. OF CABLE & COUPLING ADJUSTMENT. CAN ALSO BE USED ON OTHER FREQUENCIES. SIZE OPEN 21 1/2 x 27 1/2, CLOSED SIZE 17 x 3; WT: 4 LBS. \$1.50

TEST PICK UP



TS-131/AP PICK-UP ASSEMBLY TEST SET, CONSISTS OF 4/1N-21 DIODES, 35 FT. #18 WIRE WITH PL-259 ON EACH END, 1/M-359 COAX. CONNECTOR, CONTROL BOX WITH SO-239 COAX. CON PICK-UP UNIT WITH 1N-21 DIODE AND SO-239 COAX. CONN. HOUSED IN WOOD CASE 5x6x10. WT: 7 LBS. \$1.95

VOLTAGE

REGULATOR



120/208 VOLTS 60 CYCLE SINGLE PHASE 9 KVA. ONE SECTION REMOVED FROM THE ABOVE 3 PHASE UNIT. METER, SWITCHES, FUSES ETC. WILL HAVE TO BE ADDED, DIAGRAMS FURNISHED. ELECTRONIC VOLTAGE REGULATION, JUST SET THE VOLTAGE UNDER LOAD AND IT WILL REMAIN CONSTANT. CONSISTS OF MOTORIZED POWERSTAT TRANSFORMER, LOW VOLTAGE TRANSFORMER & ELECTRONIC REGULATOR CHASSIS. SHPG. WT: 125 LBS. PRICE, AS DESCRIBED \$49.95

SINCE 1947

FAIR RADIO SALES CO. WORLD'S FINEST ELECTRONIC SURPLUS

GOVERNMENT AND COMMERCIAL



CATALOG WS-05

MANY ITEMS AT SPECIAL SALE PRICES!

Cavities



Western Electric 1012A 475 - 525 Mhz cavity. Two type N connectors. 11.5x6.2x6.1, 10 lbs sh. #CAV1012A, Used good condition, \$49.50

220 Mhz Celwave cavity tunes approximately from 190 - 240 mhz. Type N connector. 21" long x 6.1" diameter. 9 lbs sh. #CPX220-12, Used good condition, \$85.00



29.6 Foot Mast Kit



Comes with eight 1.8" diameter sturdy fiberglass mast sections, two high quality plastic guy rings, 300 feet of rope (cut according to your need), three guy stakes, insulator, and weather proof bag. 55 lbs sh. #ANT-KIT-29, Used excellent, \$179.50

8-12 GHz Oscillator Assy

8-12 GHz Oscillator assembly from some Gigatronics device. Federal Stock Number is 6625-01-191-1980. The assembly consists of an Avantek YO85-2218 8 - 12.4 GHz oscillator and a Virtech VX-8012 Circulator or Filter??? 4 lbs sh. #101CA15400, Unused, \$300.00

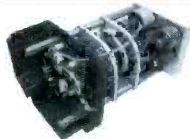


GRR-5 Receiver



AN/GRR-5 Receiver with R-174 Receiver and PP-308 power supply. Covers 1.5-18MHz AM/CW, 200KHz calibrator. Radio is internally complete repairable. Not tested. The vibrator and selenium rectifiers in the power supply usually need replaced or repaired. 11x14.1x15, 64 lbs sh. #GRR-5, \$250.00

PA Band Load Switch



PA Band Load Switch, good source of RF parts with seven CRL 850-Series 5KV caps; Has three 20pf, one 40pf, two 50pf, & one 100pf. Has 7 gold-plated bypass caps; two 500pf & five 150pf. Also has two CRL

JV9000 18 position ceramic switch decks. Switch rotor has 9 connected contacts. 2.9x5.5x2.5, 2 lbs. #S101/PRC-47, Used, \$29.95

Analog Multimeter

DC voltage 2.5/10/50/250/500V, maximum input 500V, AC voltage 10/50/500V, maximum input 500V, DC current 500µ/10m/250mA, resistance: x1 and x10 with ohm adjusting knob. Basic accuracy ± 5%. Has battery-check function, and fuse & diode protection. Requires one AA-battery (included). Comes with manual, test leads and protective holster. 4.7" x 2.4" x 1.2", 2 lbs sh. #AVM460, \$13.64



PA Amplifier System



ANTIQ-2 PUBLIC ADDRESS AMPLIFIER SYSTEM. This would be great for your 1950-60's re-enactment for a camp or mash unit. System consists of AM-20 public address amplifier, MX-39 turntable,

2/LS103 speakers, microphones, 2/mic stands, 2/speaker stands, various cables, manual, and transistor case. AM-20 amplifier 20 watts, inputs for 2 high and 2 low impedance microphones. radio, line, and phonograph input. Output is push-pull 6L6 vacuum tubes. MX-39 Turntable 115/230 VAC 33 1/3 and 78 RPM. 2/LS-103 Loudspeakers 20 Watts, 250, 500, 1000, and 2500 Ohms connections. Around 250 lbs shipping. UPS shippable. #TIQ-2, Used repairable, \$400.

Mast Adapter



Mast Adapter. The top fits AB-85, MS-44, & AB-35 masts with an outer diameter of 1 3/8". The bottom has an inner diameter of 1 15/16". It is 8.7" long. 2 lbs sh. #MA-44, \$10.00

PRC-77 Transceiver

RT-841/PRC-77 BACKPACK TRANSCEIVER, 30-75.95 MHz FM in bands 30-52.95 MHz (Lo) and 53-75.95 MHz (Hi) with 50 KHz spacing. 920 channels. RT-841 is all transistorized. Output: 1.1 to 2.0 watts; 150 Hz squelch. Requires 15 VDC 1.4 amp supplied by BA-4386 battery. 4x11x14, 18 lbs sh. Used Excellent, \$600.00



AM-2060 Audio Amplifier / Power Supply with interconnect cable CX-4655. PRC-25 or PRC-77 transceivers sets on and plugs into AM-2060. Unit has a speaker for the transceiver, remote antenna tuning

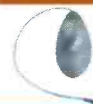
for the AS-1729 antenna and allows 24VDC vehicle electrical to power transceiver. Comes with MT-1029 mount. 11.8x15x6.7, 23 lbs sh. Used Excellent, \$450.00

Engine Crankshaft

RADIAL ENGINE CRANKSHAFT for the Wright R-1820 aircraft engine. FSN 2810-00-306-5940, marked "prop shaft Bushings not bored". 4.6 x 12.5, 42 lbs sh. #PROP-2810, \$300.00



Trailing Wire Antenna



WT-7A Trailing wire antenna weight 4.25" x 2.5" on 12" leader. 5 lbs sh. Used, #WT-7A, \$15.00

ORDERING INFORMATION SEE PAGE 19

MINIMUM ORDER \$10.00 + SHIPPING

Fair Radio Sales

2395 St. Johns RD • Lima, Ohio 45802

419-223-2196/227-6573 • 24 Hr. FAX 419-227-1313

WEBPAGE: www.fairradio.com EMAIL: fairradio@fairradio.com

This is the only catalog that will be sent this year. A supplement will be sent in the fall.

Key Switch



DPDT Two Position On-On Key Switch by Alco. Panel mount with 3/4" diameter thread. 1 lb sh. #AEL-01, Unused, \$7.95

Solenoid Valve

ITT General Controls Sub-miniature Direct Acting Solenoid Valve. Coil 24 VDC, 10 PSI, 1/8 in port. For use with air, gas, water, hydraulic fluids, light fuel oils. Looks like 5/16 fitting. 2" long x 1" diameter. 1 lb sh. #S32121012, Unused, \$9.95



Contactors / Relays



CONTACTOR RELAY, 12 VDC coil & 12 V SPST norm-open contacts; 20 amps. Mfg by Massy Ferguson. 2x1.8x1.1; 1lb sh. #81-2450-1, \$3.00; 10/\$20.00

INTELLITEC Special Latching Relay made for the RV industry to insure that the battery is disconnected when the RV is not being used. 12 VDC Latching relay w/ 100 ADC SPST contactor. Momentary application of 12 VDC causes activation. Reverse the 12 VDC and the contacts open. Use for your amateur radio equipment or solar system applications. 3.5x3.5x2.5; 1 lb #01-00055 \$15.00



Frequency Converter



Static Frequency Converter, Input 120V 60Hz to 117V 400Hz 500 watts single phase. Overload protection. With maintenance manual, power input cable and connector for output. 21x12x15, 120 lbs sh. Unused, #CV-2488, \$299.00

Push Switch

Code Switch BCD 0-9 bidirectional push switch. Manufactured by Alco/Augat Mico. Ten Sections (as pictured), #131-AL-2-10, \$25.00



One section, #131-AL-2, Unused, \$4.00; 10 for \$30.

4 Conductor Field Wire



WF-16 Four Conductor Stranded Field Phone Wire on a DR-5 reel. 5280 feet. Two pairs of what looks like small zip cord twisted together. One is brown and the other is gray. Has splices and may need spliced. Reel size is 19.3" diameter x 17.7" height. 96 lbs sh. #WF-16, Used, \$369.50

Wire as above but less reel.
100 feet, #WF-16-100, \$20.00
500 feet, #WF-16-100, \$75.00
1000 feet, #WF-16-1000, \$130.00

Variable Transformer

Variable Transformer by Powerstat type 2460, output 0-280V 25 Amps, input 120/240V. With knob. 10.1x9x6, 37 lbs sh., #2460, Unused, \$159.50



Alarm Horn



Dual Horn Electronic Assembly made by Conair Division of General Dynamic. Operates on 28VDC 2 amps at 130DB plus. Will not operate properly on 12VDC. Comes in O.D. Green louvered housing. 17.2x13.8x14.8, 40 lbs sh. #76L2661-1, Unused, \$125

12 - 65 VDC Supply

Rackmount Lamp Power Supply by Westinghouse covering 12 to 65VDC at 3 to 9.5 amps from an input of 115/230VAC 60Hz. The power supply does have a current adjust but does NOT have a voltage adjust. The voltage is directly relative to what the current is set at. Has 2.9"H x 3.5"W panel meters for Amps and Volts. Running time indicator. 15.5x19x7, 49 lbs sh. #WE-65, Unused, \$89.50



GRA-39 Control Front

C-2329/GRA-39 Control Front Panel with electronic components only. #FP-C-2329, Unused, \$85.00



0-40VDC 13A Supply



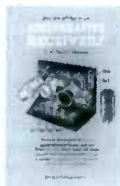
Sorensen DCR40-13B Rackmount Power Supply 0 to 40 V @ 13 A. Low-level remote sensing, manual & automatic control, direct &

master-slave paralleling & series operation. Low ripple and noise. Fine/coarse adjustments for current and voltage. Large analog current and voltage meters. Power required 115 V 50/60 hz, 19x21x3.5, 48 lbs sh.

#DCR40-13B, Used Checked, \$395.00

Regen. Receivers Books

Secrets of Homebuilt Regenerative Receivers, Learn about crystal sets, grid-leak Audion detectors, and why the regenerative detector performs so well. You'll learn about feedback techniques, coil winding techniques, choosing and modifying capacitors, keeping RF out of the AF stages, problems with hand capacity, and much more. Has schematics for double twin-triode receiver, the pentode-triode receiver, the double regenerative, a field-effect version of the famous Doerle and more. 126 pgs, #BK-REGEN, \$9.95



How to Build the Twinplex Regenerative Receiver, Shows 3 different receiver projects. Build your own regenerative receiver using twin triodes or even a 3 transistor circuit. Sensitive and stable. Use old tube bases for coil forms. Build as a old time replica or with fet's and transistors. Schematics and chassis instructions. 63 pgs, #BK-TWIN, \$7.95



GOD IS JUST A PRAYER AWAY

Fair Radio buys your excess material. We may be interested in some items in low quantities, but prefer higher quantities for our catalog sales.

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FOR ORDERING INFORMATION SEE PAGES 19

R-390A HF Receiver



R-390A/URR RECEIVER famous military set covers 0.5 to 32 Mhz AM-CW-MCW in 31 one Mhz bands read directly on mechanical digital

counter. 455 KHz final IF; has four mechanical filters allowing 2-4-8-16 KHz selectable bandwidth. Calibration points every 100 KHz; also BFO, AGC, dial locks, 600 ohm audio out, Line and Carrier Level meters. Uses 24 electron tubes; also twinax (balanced) and type C (unbalanced) RF conn. Rackmount; LESS METERS & COVERS. Requires 115/230 V 60 Hz. 0.5x19x16.8, 84 lbs.
 #390A-UR, USED-REPAIRABLE, \$350.00;
 #390A-CH, CHECKED, \$550.00
 #390A-CH-SM, Checked with substitute meters, \$600 MANUAL, partial repro, #MM-R-390A, \$17.00

----- COVERS FOR R-390A -----

Hard to find aluminum replacement top and bottom covers for R-390A series. Very close to original. Newly manufactured, #390-TB, \$69.95
 RF Cover, Newly manufactured, #390-RF, \$19.95
 Set: top, bottom, & RF; newly mfg, #390-S, \$85.95

Replacement assemblies & parts for the R-390A:

- AC Terminal Protective Cover, #390A-ACP, \$5.00
- CRYSTAL OSCILLATOR (no crystals) #390A-CO, \$20
- CRYSTAL, BAND, #390A-(crystal freq.)-CR, \$10 ea 5/\$35
- DIAL, COUNTER, #390A-DC, \$18.00
- GEARS, #39, #390A-G-39; or #21, #390A-G-21, \$10
- GEARS others less clamp, #390A-G-(specify#), \$3
- GEAR CLAMPS, 1/4" only, #390A-GC, \$3.
- HANDLES per pair, #390A-HAND, \$15.00
- KNOBS, small size, #390A-SM, \$5.00
- KNOBS, medium size, #390A-MED, \$5.00
- POWER SUPPLY without tubes, #390A-PS, \$25.00
- TRANSFORMER, RF, #390A-RF- (specify #) \$9.50
- TRANSFORMER, IF, #390A-IF- (specify #) \$9.50
- SLUGS only, IF, #390A-SL-IF, \$4.00



VFO from R-390A HF receiver with 5749 tube; various mfg (no choice). 4x3x7.5, 4 lbs, used dented less connectors & coupler "as-is", #VFO/R390A, \$22.50

455KHz Beat Frequency Oscillator for famous HF Receiver R-390A. UNUSED CONDITION! 3.3x1.5, 2 lbs sh. #390A-BFO, \$27.50



I.F. DECK for R-390A IF transformers, Z501 and 455KHz crystal, and tubes. Less all four 455KHz mechanical filters, BFO, RT510 ballast and tube shields; 4 lbs. #IF/390A, "as-is" \$45.00

AUDIO AMPLIFIER SECTION for R-390A receiver; includes AF transformers, chokes, and tubes; 8 lbs sh. "AS-IS", less J620 chassis connector, Less capacitors, and tube shields. #AF-R390A, \$30.00



Test Connectors to make test extender cables for R-390A receiver. You receive the 5 male/female

connector pairs with covers to make the following extender cables along with instructions from manual: P110-J410(Crystal Osc), P111-J8111/P119-J619 (Power supply/Audio), P120-J620(Audio), P112-J512(IF Amplifier), P108-J208/P109-J709(RF Amplifier/VFO). #390A-CON, \$59.95

R-390A Name Tags



Reproduction Name Tags for R-390A radios. Multiple mfg available. New, \$21.99 each

Motorola Large Print, 3"Wx7/8"H, #TML390
 Motorola Small Print, 3"Wx7/8"H, #TMS390
 Collins, 2.5"Wx1"H, #TC390
 Electronic Assistance Corp., 2.5"Wx1"H, #TE390
 Stewart-Warner, 2.5"Wx1"H, #TS390

ILS Receiver

FA-8766 PORTABLE ILS TEST RECEIVER, covers 108.1 to 111.9 (5uv sens) and 329.3 to 335.0 (25 uv) Mhz with separate crystal controlled front ends feeding a common 60 mhz IF through a combiner and then converted to a 3 Mhz second IF. The RF and IF sections are in cast metal shielded assemblies. The solid state receiver has audio and AGC detectors. The audio circuits have 90 and 150 hz bandpass filters, the audio is rectified and the output used to drive the DC meters. This unit is a good basis for modification and experimentation. Power input 120 vac or 18 vdc. Receiver has nicad battery/charger circuit. No warranty as to serviceability of battery. See our web page for more pictures. 10.1x9.5x12, 23 lbs sh. Crystals not included. With schematic/info. #FA-8766, Used \$39.50; 4 for \$100.00



GRR-24 Receiver

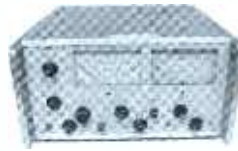


AN/GRR-24 UHF SINGLE CHANNEL 225-399.95 Mhz AM CRYSTAL CONTROLLED RECEIVER. All transistor. IF 20.6 Mhz, 3 uv sensitivity, audio 100 mw 600 ohms. Receivers are in nice physical condition, not tested, 22 lbs sh. 3.5x13.5x19, #GRR-24, Used Repairable, \$125.00

RFI Receivers

Singer model #NM-17/27

is a programmable, precision electromagnetic interference/field intensity meter for the measurement of conducted or radiated RF interference, within the frequency range of 10KHz to 32 MHz. May be used as a VLF unit. The instrument may be used to analyze narrowband or broadband signals within its frequency range. Field intensity or direct peak detector functions may be used for measurements in addition to quasi-peak, slideback peak and BFO detection modes. AM, FM and PM signals may be detected and are available at the video output receptacle for oscilloscope display. Requires 115/230V at 50 to 400Hz. 18.5x16.7x8.7, 55 lbs sh. #NM-17/27, Used repairable with manual repro, \$695.00



#NM-17/37 same as above except 20MHz-1GHz, \$995

#NM-26T Stoddart type, EMI Rcvr, 150KHz-32MHz, \$595

FAIRCHILD ELECTRO-METRICS R-70B RFI RECEIVER uses 9 tuning heads covering 0.1 to 1100 MHz; with two cases & manual, #R-70B, \$1000.00

C. Crane Radios



The Freeplay Summit is a top end radio combining unparalleled sound quality with the reliability of multiple power options: wind up generator, solar and rechargeable battery pack. 4 bands: 88-108MHz, 540-1650KHz, 5.95-15.6MHz, and 146-281KHz. Digital tuning, 30 station presets, and a LCD digital display panel with backlight. 3.1x6.7x3.5, 4 lbs sh. #FRS, New, \$99.95

The Freeplay Plus combines a Baylis Clockwork Generator with advanced radio technology, a magnetic, detachable White LED light with 6-foot reel-up cord, and a solar panel. AM/FM and continuous coverage of 10 SW bands from 3.0 to 18.1 MHz. 4 way power system: wind up generator, built-in solar panel, built-in rechargeable battery pack with the optional AC adapter. New, #FRP, ~~\$129.95~~ SPECIAL, \$99.95



Digital Wireless FM Transmitter. Wireless transmission of ANY audio to any FM Radio! Listen to streaming audio from your computer on your kitchen radio. Send your satellite radio audio to your home stereo system. Wireless transfer of MP3 audio to your car or home stereo system. It's easy to use. Plug the transmitter into the headphone jack or line out

jack of any audio device, set the transmitter to any FM frequency and tune any FM radio to the same frequency. Full stereo on any FM frequency. Line of sight range of around 70 feet. Clean and stable digital tuning. Runs on included AC adapter or (2) optional "AA" batteries (not included). 3.1"Wx3.5"x1.1". 2 lbs sh. #FMT, New, ~~\$99.95~~ SPECIAL, \$79.95

Everything you need to use your FM Transmitter in your car or truck. Kit includes: Vent Clip Mount, 12 Volt into 5 Volt Power Adapter, and Cigarette Lighter Splitter. #FMK, New, \$29.95

100 to 225 MHz Amp

AM-912/GRC AMPLIFIER-MULTIPLIER plug-in for T-302/TRC transmitter; covers 100-225 MHz FM @ 100+ watts using 4X150A tube. Controls Grid & Plate Tune and Amp Output Coupling. Requires +750 V, 200-350 V screen, and 6.3 V filaments; with schematic. 12x6x14, 24 lbs. #AM-912, used, \$69.50
 #AM-915, 225-400 MHz; 4X150A, 4X150G. \$85.00



+++++
 AM-914/TRC AMPLIFIER-CONVERTER, plug-in for R-417 receiver in 225-400 MHz range. Continuous tuning of RF and oscillator; 30 MHz IF. Modify and use as down-converter! With tubes 5670, 4/6J4. Requires 150 VDC & 6.3 V. 7.5x6.5x9.5; 15 lbs sh. #AM-914, USED, \$35.00
 #AM-1179/GRC, 50 to 100 MHz, used, \$39.50
 #AM-1177/TRC, 400 to 600 MHz, used, \$44.50
 #AM-3203A/TRC, 1.35 to 1.9875 GHz, used, \$49.50

COLLINS 208U-3A



208U-3A POWER AMP automatically tunable over 2 to 30 Mhz SSB-AM-CW @ 3 KW PEP for use with URG-2 radios. Uses 4CX5000 PA tube; tune time 6 sec nominal, 10 sec max. With modules 333H-2 Electronic Control Amp, 309F-1 Digital to Analog Converter, 915V-2 Amp Control, 652J-13 Power Supply, 599Z-1 Test Panel and 915X-1 Control Monitor. Includes manual copies for all components except

915X-1 & 599Z-1. 72.5x32.6x31; 1200 lbs shipping. #208U-3A, Used not tested less 4CX5000, \$3200. #208U-3, Used not tested less 4CX3000, \$3250.

HF-80 KW Power Amp



ROCKWELL HF-8023 POWER AMPLIFIER, solid-state 1 KW (avg) amp utilizes one driver plus four 250 W power modules to achieve rated

output; VSWR: 1.3:1. Designed for use with HF-8014A exciter and power supplies HF-8031 or 8032. Cables & manuals not available. HF-8023 (622-3490-207): 10.5x19x25, 62 lbs sh. #HF-8023, USED, not tested, \$2950.00

HF-8030 (622-3383-001) POWER SUPPLY for HF-8020 power amp; 90 lbs shipping. #HF-8030, unused, \$1500.00

+++++

HF-8064 4-CHANNEL HF PRESELECTOR, auto-tuned bandpass filter for HF-8054 receiver & HF-8014.



Provides front-end selectivity & overload protection for Rx; improves cross-modulation & out-of-band intermod. Power: 100/115/215/230 V 47-63 Hz. 5.3x19x24, 32 lbs shipping. #622-3522-203, used, \$595.00



The HF-8096 is a remote-control unit for Rockwell HF-80 gear. It seemed to work with the HF8070A, but we do not have operation manual, so do not

know full status. We were able to make a receiver step through previously saved frequencies, but were not able to enter new frequencies. Was probably able to operate other HF80 receivers and exciters. Manual not available. 19.4x19x7, 30 lbs sh. Used Repairable, \$395.00

Harris Preselector

RF-551A PRE-POST SELECTOR highly selective bandpass filter for 2-29.999 Mhz range functions as



preselector for enhancing receiver signal reception or as post selector for reducing exciter output noise when used with 6 db pad (not supplied). 5-decade freq-control knobs & Hi-Lo Gain switch; N conn. Req. 115/230 VAC 47-420 Hz; 5.3x19x20, 36 lbs.

#RF-551A, Used-nice, \$350.00
Manual, partial repro, #MM-RF-551A, \$20.00

602-999 MHz Amp



AM-1957 AMPLIFIER-OSCILLATOR, 601.5 to 999.5 MHz plug-in for T-893/GRC-50 transmitter. Utilizes three 7289 tubes as 651-1049.5 MHz oscillator, -50 MHz mixer and 15 watt power amp. Directional coupler detects Reflected Power and provides

monitor output for external meter circuit. RF passes through duplexer having identical receive/transmit sections each with two cavities. (Receive signal routed to separate AM-1955 receiver module.) Transmit RF then moves to second directional coupler which detects Reflected Power also with output for external meter. Wavemeter samples output RF for frequency measurement using calibration chart. Cathode current of each 7289 regulated by external 250 VDC, 650 VDC, 800 VDC, 5.7 VAC, 5.5 VAC. Schematic and info included. 8.9x11x16, 36 lbs shipping. #AM-1957, Used, \$59.50

+++++

AM-1955A/GRC AMPLIFIER CONVERTER used with R-1148A/GRC-50 receiver for 600-1000 MHz band; 60 MHz IF. Uses 4037A/2C40A tube as oscillator; also 5654, 2/5842. W/ wavemeter & calibrate book. Requires 150 VDC, 6.3 V. 15x9.5x8, 30 lbs sh. #AM-1955A, \$25.00

AM-6154 Amplifier

AM-6154/GRT-21 Power Amplifier conservatively rated for 50 watt output from 10 watt exciter input over 116-150 MHz;



uses Eimac X651Z/8930 or Amperex DX393 tetrode (no choice) in silver-plated cavity-drawer; 175-turn TUNE counter dial. Main chassis has solid-state power supply and buffer amp/multiplier; panel meter monitors voltages. Requires 105/120/210/240VAC 50-400Hz and +20 volt reg 60ma, +20 volt keyed; w/ schematic info. 7x19x18.5, 80 lbs sh. Used excellent checked for power output, #AM-6154-CH, \$350.00



Power Amplifier Plug-in for AM-6155 amplifier which is conservatively rated for 50 watts. Plug-in includes valuable parts such as the main cavity, low pass filter, directional power detector, and tetrode tube Eimac

X651Z/8930 or Amperex DX393. 18.3x7x6.8, 13 lbs sh. #PA-6155, Used, \$135.00

Bias Supply from AM-6154 or AM-6155 amplifier. 7.1x5x4, 7 lbs sh. #BS-6155, Used, \$30.00

AC - AC Inverter from AM-6154 or AM-6155, 7.1x5x4, 7 lbs sh. #INV-6155, \$32.00

UHF Preselector

F-1506/G UHF Tunable Band Pass Filter / Preselector covering 225-400 MHz dial tuned. Consists of Lark Engr.



FX4000-089 filter with N conn in rackmount package. 5x19x18, 25 lbs sh. #F-1506, Used, \$75.00

GRT-21/22 Transmitter



T-1109 Transmitter from AN/GRT-22 Radio Set. Frequency coverage is 225-400 MHz AM in 3500 channels.

The crystal controlled transmitter has 10 watt output. Associated amplifier is the 50 watt output AM-6155 listed on page 4 of our catalog. Requires 120/240 VAC. 18x19x5.3, 50 lbs sh., #T-1109, Used, \$49.95

T-1108/GRT-21 Transmitter same as above except 116-150 MHz in 680 channels. Associated amp is AM-6154. #T-1108, Used, \$50.00

Schematic Pack f/ T-1108/T-1109, #SCH-T-1108, \$15.

RF Amp / Preselector

TN-612/G Prepost Selector, consists of RF preselector and broadband power amp. Pre-selector operates in



four bands 1.8-3.6, 3.6-7, 7-14, and 10-24 Mhz. Microprocessor-controlled unit has no front panel controls except ON-OFF and indicators for OV DE, OVL, ATT, BITE, TUNE plus silver-plated coils and 3-gang variable capacitor. Frequency is selected by twelve Kilovac HC-1 vacuum relays and nine mini-coax relays along with motor interface adapters. Relays actuated by driver transistors. RF power amp uses four transistors S15-28, T9-0664 and two MRF-466 as output amplifiers. P/O GRC-215 HF-SSB; no further info. Requires 115/230 VAC 50-60 Hz; 4.5x19x17, 46 lbs sh. #TN-612, Unused, \$250.00



Broad Band Power Amplifier Assembly covering 1.6 - 24 MHz removed from the TN-612 pre-post selector. Uses

S15-28, T9-0664 and 2/MRF-466 transistors. 24 VDC. No further info at this time. 2.3x17.3x4.5, 9 lbs sh. #AMP-612, \$69.50

Coils and Variable Capacitor removed from the TN-612 Preselector.

Two silver plated coil boxes each with six coils. The preselector was supposed to cover 2 to 30 mhz in 4 bands. 3 coils for each band. Each coil silver plated wire on epoxy from with ferrite slug is in its own compartment with a glass piston variable capacitor. 13.1x2.2x3.3, 7 lbs sh. #612-COILS, \$20.00



Three section fully shielded variable capacitor 35 - 300 pf per section. Each section is shielded from the others. The insulation material looks like ceramic. Very high quality. 10x2.7x3, 6 lbs sh. #612-CAP, \$25.00

Both Coils and the Variable Capacitor as listed above. #612-KIT, \$35.00

CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

T-195 Transmitter



T-195/GRC-19 TRANSMITTER 1.5-20 Mhz AM-CW-FSK in ten bands manual or auto tune. Power output 100 W (1.5-12), 90 W (12-16), 80 W (16-20 MHz).

Uses two 4X150D tubes in power amp & 20 other tubes. Requires 22-30 VDC 42 amps input (9 amps "standby") for dynamotor supply. LESS METERS. With replacement knobs. Companion to R-392 receiver. 11.5x22x14.5, 135 lbs. #T-195, Used Repairable, \$225.00
MANUAL for T-195, partial repro, #MM-T-195, \$25.00
30" Power Cable w/ connector, #CAB-T-195, \$14.00

MD-203 FSK Modulator

MD-203/GR Radio Transmitter Modulator for the T-195/GRC-19 Transmitter. The MD-203 is a link in a complete radio teletypewriter comm. system. The teletypewriter signals developed in Teletypewriter TT-98 are supplied through Junction Box J-668 to the MD-203. The MD-203 is connected to the exciter section of the T-195 to produce shifts in the CW signal. Uses tubes 7/26A6, 1/26A7. Less knobs. 9.1x13.8x7.3, 26 lbs sh. #MD-203, \$25.



FAA Transmitter

UHF Transmitter FAA We do not know anything about these except that they are exceptionally well built. Please see the pictures on our web site. Has output transistor MRF325 and driver transistor MRF321. Federal stock #5825-00-140-2735. Model AN/GRN-27. Part #917800-1. Radio Navigation. Mfg by Texas Instruments. 5.9x14x4.5, 11 lbs sh. Units are in good physical condition.
#FAA-UHF, Untested. \$35.00

VHF Transmitter similar to above except uses MRF316, Units are in good physical condition.
#FAA-VHF, Untested. \$35.00

FAA Radios



TRX-103 UHF Solid State 3 channel, crystal controlled, AM Transceiver type FA-9606 covering the military aviation 225-400MHz band. Has built in speaker. 50KHz channel spacing. Transmitter output is 3 watt.

Antenna impedance 50 ohms. Receiver IF is 21.4MHz. Requires 115VAC 60Hz or 24VDC. Crystals not included. Condition of internal battery AS-IS. 14.1x14.2x7.7, 43 lbs sh. Manual repro included. #TRX-103, Used Repairable, \$129.50

TRX-102 VHF AM Transceiver type FA-8979 is similar to above except covers 118-136MHz and requires 120VAC 60Hz or 12VDC. Crystals not included. Condition of internal battery AS-IS. 13.8x13.8x7.9, 38 lbs sh. Manual repro included. #FA-8979, Used Repairable, \$139.50

Type FA-8960A VHF Synthesized Transceiver is similar to above except has the following: tuning level meter, Meter function switch (AVC Voltage, XMTR Exciter, XMTR Output), Digital display, Keypad, and 6 pin connector for Voice/Tone Cont Cable. 13.5x12.4x6.2, 26 lbs sh.
#FA-8960A, Used Repairable, \$475.00
Manual is not available.

It is unlawful to operate on these frequencies unless you have a license to do so.

Sonobuoy Receiver



R-1170/ARR-52A VHF RECEIVER 162.5-173.5 MHz AM, FM and video using 31 crystal-controlled channels. Solid-state sonobuoy receiver consists of five plug-in modules; 26 MHz 1st IF, 5 MHz 2nd IF. Conversion possibilities for 2 meters, VHF weather, satellite TV, etc. (See Oct '74 CQ Mag.)

Requires external control and 18 VDC. 7.5x2.5x10, 9 lbs. #R-1170, Used, \$16.95.
SCHEMATIC, #SCH-R-1170, \$5.00 w/ set.
MANUAL, partial repro, #MM-R-1170, \$15.00 w/ set.

ARC-105 HF Radio

RT-712/ARC-105 HF TRANSCIVER, pressurized 618T2; modules interchangeable. Covers 2 to 29.999 MHz SSB-AM-CW in 28000 channels. Front has hour meter, C and BNC connections. Separate control needed for freq-selection. Connectors not available; Requires 115VAC 400Hz 3 Phase. 10.5x 11.5x23, 70 lbs. #RT-712, Used, \$299.00



500 Khz IF w/USB/LSB Product Detector Module. Four 500 Khz IF amplifiers with 526-9377-00 and 526-9376-00 mechanical filters produce the sideband audio. The AGC was generated by the IF/AM audio module. Also has the balanced modulator for the sideband transmit audio as part of the transceiver function. Power req. IF amp 18 VDC, Mic amp 24 VDC. w/schematic info, power connector. #105-PD, \$49.50

500 KHZ IF AUDIO AMPLIFIER, IF and Audio Module from Collins transceiver. Four stage 500Khz IF amplifier w/6 khz collins filter, AGC Detector, Low level audio amplifier. Also has 3 transistor microphone amplifier as part of its function in the transceiver. Power req. IF amp 18 VDC, Mic amp 24 VDC. w/schematic, info, power connector. #105-AA, \$32.95

Precision RF Oscillator Module produces 500 Khz and 100 Khz reference signals from a temperature compensated 3 Mhz crystal oscillator. Requirements were 3 Mhz +/- 2 Hz, 500 Khz +/- 0.4 Hz, 100 Khz +/- 0.4 Hz. Operates from 18 VDC. w/schematic, info, power connector. #105-OSC, \$29.95



IF TRANSLATOR MODULE FROM COLLINS ARC-105, pressurized version of 618T HF TRANSCIVER, IF TRANSLATOR module has LSB-USB filters F500 Z4 (526 9377) & Z5 (526 9376). This unit provides the mechanical filter used in

the conversion of the PRC-47 transceiver to allow LSB operation. Removed from equipment not tested. 4.3x2.9x4.7, 4 lbs sh. #105-IF, \$65.00

From ARC-105 115V 400Hz 3 Phase Power Supply Module produced 1500 VDC for 400 Watt PEP transceiver using 2/7204 tubes, and 250 VDC 70 ma. 10.3x4.3x4.8, 13 lbs sh. #105-PS400, \$25.00



HF Power Amplifier from ARC-105, 400 W PEP 125 W AM 2-30 mhz in 8 bands. Module has two 7204 tubes and associated output tuning circuitry. Band selection is controlled by 28 vdc motor. The grid tuning circuitry is NOT part of this module. Output inductor is tuned with 115 v 400 Hz motor. Requirements 1500 VDC, 28 VDC, 27 VAC filament, 115V 400 Hz. #PA-105, \$125

Collins 618T



COLLINS 618T-2 SSB AIRBORNE TRANSCIVER, 2-29.999 Mhz SSB-AM-CW in 28000 channels. Power output: 400 watts SSB-PEP 125 W AM-CW; 52 ohm output impeded. Sensitivity SSB: 1 uv

for 10 db S+N/N. Selectivity SSB: 2.85 Khz, 6 db down; 6.0 Khz 60 db. Audio input: 600 ohms. Uses two 4CX250's in P-A. Switch & meter monitor internal power. Separate control necessary for channel select. Racks & cables not available. Requires 115 V 400 Hz 3 phase 1 KVA & 1 phase 160 VA; also +27 VDC 4.5 amps. W/ manual repro; 7.6x10x22.2, 58 lbs. #618T-2, Used repairable with K9 osc, \$495.00

Like above but requires 28 VDC 35 A and 115 V 400 Hz 1 phase 100 VA. #618T-3, Used, \$600.00

618T power/control connector, no cover, #CONN-618T, \$40.00

MODULES FROM COLLINS 618T HF TRANSCIVER, as removed from equipment--not tested:



AM AUDIO AMP has mech filter

F500 Y60 (526 9378); 2 lbs sh. #546-6053, \$40.00

IF TRANSLATOR has LSB-USB filters F500 Z4 (526 9377) & Z5 (526 9376), Mech. filter as used in PRC-47 to modify for LSB operation, #544-9286, \$65.00

KC- FREQUENCY STABILIZER, has mechanical filter F250 F100 (526 9410) and crystal filter X250KF440 (526 7006); 3 lbs. #618-KC-FRQ, \$35.

RF TRANSLATOR with K9 oscillator, 15 lbs. #618-RF-TR, \$200.00

618T RF Reference Osc. Module, includes 3 MHz crystal oven which is divided to 500 Khz output, amplified and then divided again to produce 100 Khz output. 4.3x6x2.7, 2 lbs #528-0251-005, used, \$20.00

COLLINS 490T-1A (CU-1669A) AUTOMATIC ANTENNA COUPLER

for 618T and similar 2-30 MHz transceivers; rated RF input 630 W PEP, 200 W average. Matches 25 ft or longer whip or 25-100 ft long-wire antenna to 50 ohm line. Terminal for wire and "C" coax connection. Has 5-500 pf 10 KV vacuum variable capacitor and variable step-coil. Requires 115 V 400 Hz; 7.6x 10.1x12.6, 24 lbs. #490T-1A, Used not tested, \$450.



Collins 618T URM-157 Test Set, Consists of TS-1949/URM-157 and cable which connects the TS-1949 to the 618T. The radio set control is part of the TS-1949. Has meter to indicate forward / reflected power 200/2000 watts. Also provides connections for microphone, headset, audio in, and

key. Power input connector also provided. Connections for 516H-1, antenna coupler, DC in, AC out are on the test set (Webpage for available connectors/cables). 34 lb. #TS-1949-U, Used \$350; #TS-1949-UN, Unused \$795.00

TS-1949 only, less control box, 18 lbs #TS-1949-O \$125

ARN-30D VHF Receiver

R-1021/ARN-30D VHF RECEIVER covers 108 to 126.9 MHz AM in 100 KHz steps (190 channels); originally part of air navigation system.

1st IF 11.7-12.6 Mhz; 2nd 1.7 MHz. Electrically turned crystal turrets with frequency displayed on side panel. Adjustable squelch; 300 ohm audio out. 50 ohm input impedance; BNC connection. Tubes 5718, 5840, 5896, 4/5899, 5902, 6021, 6112. Requires 28 VDC 1.8 A and 260 VDC 85 ma. 5.5x11.4x4.6, 10 lbs. #R-1021, Used, \$24.95



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ARC-60 Items



R-508 AIRCRAFT RECEIVER, 118 to 148 MHz AM continuously tunable, but does not have dial; tuned remotely using control box with MC-215 flex spline (not available). 15 MHz IF; binding post & BNC antenna connections on front.

Tubes 12A6, 14A7, 14F7, 2/14R7,

9002, 3/9003. Same as R-19; p/o AN/ARC-60 & ARC-type 12. Requires 250 VDC 60 ma & 28 VDC. 6.5x5x11.8, 15lbs. #R-508, Used \$20.00

O-423/AR OSCILLATOR-RELAY provides 1 KHz tone for "whistle-thru" tuning of ARC-60. 3.9x5x2, 3 lbs. #O-423, Unused, \$9.95



AT-701/ARC-60 UHF Antenna is a quarter-wave, base fed, inverted L-type design 6" vertical x 7" horizontal x 1/4" diameter, 2 lbs sh. #AT-701, Used, \$10.

243 MHz Receiver

Transistorized Guard Receiver from modified RT-178/ARC-27 (5821-953-9695) UHF Transceiver. One channel in 238 - 248 mhz range. IF's 25.1/3.48 Mhz. Has detector, noise limiter, AVC. 4/2N1745 transistors and 25.1 mhz filter. 8 x 4.5 x 4, 6 lbs sh. No Schematic. #ARC-27, used, \$20.00



Aircraft Receiver



R-761/ARC-58 Receiver covers 2 to 29.999MHz, companion receiver and exciter to T-730. Req. 115 VAC 400 Hz input. 7.8x10.3 x23.5, 55 lb. #R-761, used, \$135.00

SCHEMATIC, #SCH-R-761, \$10.00
Control for freq-select; 6 lbs. #C-3141, USED, \$20.

MODULES from AN/ARC-58 or TRC-75 radio sets. Each 4.8x4.5 x1.5, 2 lbs sh. USED-not tested:

AMPLIFIER DETECTOR, 4x 5899 tubes; p/o R-761, #AM-1523, \$17.50

ELECTRONIC CONTROL AMPLIFIER p/o T605/T-730 xmitter, #AM-1525, \$15.00 ea

Similar to AM-1523, #AM-1526, \$17.50 ea

AMPLIFIER-MIXER for R-761 with ten tubes and slug rack, #AM-1528, \$35; Schematic, #SCH-AM-1528, \$3

AMPLIFIER OSCILLATOR with Collins mechanical filter P455 Z1, #AM-1529, \$28.00

MIXER OSCILLATOR, for R-761; oscillators master 70H13A, interpolation, spectrum generator Mech filters F455 Q2 & Q3. #CV-465B \$55.00
Schematic for CV-465B, #SCH-CV-465B, \$10.00

BALANCED MODULATOR with mechanical filters F300 Z4 and F300 Z5, etc. #MD-286A \$35.

REFERENCE GENERATOR, #SG-179A/URC, \$35.00

ARC-51BX UHF Tx-Rx



RT-742/ARC-51BX UHF Aircraft Transceiver, 225-399.99 MHz AM in 3500 available channels, 50 KHz spacing; also has guard channel. Output 16 watts min. RF impedance 52 ohm input & output. Audio and mic impedance 150 ohms. Doesn't

include ID-1003 SWR indicator; separate control box necessary for function & freq-selection. W/ tubes 4/7077 and 4/7544; requires 27 VDC 13 amps. 7x9.5x15.1; 35 lbs. #RT-742, Used, \$150.00

ARC-109 Transceiver



RT-749/ARC-109 UHF AIRCRAFT TRANSCEIVER, solid-state Collins unit operates on 225-399.95 MHz AM, DSB and A3 phone @ 30 watt min. 3500 available channels in 50 KHz intervals plus 243 MHz guard channel.

Uses 4631 tube in P-A; 150 ohm audio/ mic impedance. C-6364 control necessary for channel select; cables & racks not available. Replaced ARC-27-34-51-52. Requires 115 V 400 Hz 3 phase. 6.8x9x16, 29 lbs. #RT-749, Used reparable, \$350.00

SCHEMATICS f/RT-749, repro, #SCH-RT-749, \$12.00
CONTROL, used, #C-6364, \$45.00 w/set purchase.

FM Transceiver

MAGNAVOX FM-622 (RT823/ARC-131) Airborne Transceiver, covers 30-76 Mhz FM in 920 channels, 50 KHz steps. Output 1 watt in LO; 18 W max HI @ 29 VDC RT has Squelch Disable & Adjust, Test switch. Meter monitors +24 V-+16 V-AGC-RF FWD-RF REFL-OFF. Control box provides channel select, Volume, Squelch, OFF-TR-RE-TRAN HOME switch. Has some modules common to RT-524/VRC-12. Requires 24-29 VDC 4 amp max. Rack & cables are N/A. 7.8x5.9x15.6. 31 lb #FM-622, Used w/control box, \$250.00



Collins VHF Tx-Rx Set



AN/ARC-73 AIRCRAFT RADIO SET designed by Collins; consists of T-879 (17L-7A) transmitter, R-1123A (51X2B) receiver, C-4074 (614U) control and MT-2699 rack. T-879 covers 116 to 149.95 MHz AM in 50 KHz steps (680 channels) with 25 watt output to 133.95 MHz and 20 W min. above. Sidetone level 100 MW into 500 ohms; mic impedance 100

ohms. R-1173A covers 108 to 151.95 MHz in 50 KHz steps (720 channels). Sensitivity 3 uv; audio output 500 ohms. Both have antenna input impedance of 52 ohms and require 27 VDC (7.3 amp max transmit) power. Both utilize tubes and transistors. C-4074 control sets frequency on mechanical counter and has Volume, Squelch, and On-Off functions. Mating connector not available. Less MT-2699 mount. Operator's manual and schematics included; 9.5x8.5x16, 40 lbs. #ARC-73, used, \$189.50

TRANSMITTER only; 20 lbs #T-879, Used, \$79.50

RECEIVER only; 19 lbs sh. #R-1123A, Used, \$85.00

CONTROL BOX for frequency select, volume control, etc; w/ set purchase. #C-4074, Used, \$20.00

ARC-54 Transceiver



RT-348/ARC-54 VHF Aircraft Radio Set, FM unit covers 30-69.95MHz in 800 channels with 50Hz spacing, 10W. X-mode capable, 27.5VDC at 7 Amps, Manufactured by Collins. 15x5x7.7, 25 lbs sh. #RT-348, Used, \$175.00

VHF Transceiver

RT-723A/GR VHF Transceiver covering 118 to 149.95MHz in 50KHz steps. Rackmount unit comes with Wilcox 807 transceiver and control box. Requires 115VAC 60Hz. 17.8x19x10.5, 77 lbs sh. #RT-723, Used, \$450.00



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VINTAGE RADIO LINE ITEMS see our website www.fairradio.com/Vintage.htm for current stock. At time of printing we had these items in stock. All items are used not checked.

R5A/ARN-7 Compass Receiver \$150.00

ARC-1 VHF Transceiver \$100.00

BC-433 Compass Receiver \$150.00

R-5/ARN-7 Compass Receiver \$150.00

BC-375 / BC191 Tuning units email or call

RT-82 / APX-6 IFF Transceiver 800 - 1300 Mhz \$89.50

RT-178/ARC-27 UHF Transceiver W/control box and connectors \$125.00

BC-348 Various models Email or call

C-847 VRC19 Speaker/Control \$30.00

PP-1175A/SR AC PS for RT-68 series \$125.00

AN/ALR-5 CV253 APR-4 30 - 1Ghz 400 hz \$225.00

Test Panel



Test Panel for Wilcox 807 VHF transceiver with control box 97733-100, ITT Cannon connector for rear of Wilcox 807, test points for the following: Data

Link input, 0 dbm input, mike input, data link output, receiver output, sidetone output, detector meter, detector input, scope output. Mike, sidetone, and receiver audio jacks. External squelch; on/off, control, disable. Audio on/off. PTT disable. Overall dim., 15.8x22.2x8.8, 32 lbs sh. #807-TP, Used, \$115.

Test cable with male/female connectors to extend Wilcox 807 radio from mount. Length approx 3 ft. #807-CABLE, \$30.00

Control box for Wilcox 807. #97733-100, \$50.00

Rack Cabinet only from above less the front panel, control box and cables. Has a 7" height opening and an allowance of 14" deep. Has louvered sides. The top of the cabinet opens for easy access. Has 2"Hx20"W hole along the base of the rear of the cabinet. 28 lbs. #807-RACK, Used, \$35.00

GRC/VRC Equipment



RT-68/GRC TRANSCEIVER, 38-54.9 MHz FM continuously tunable or 100 KHz-step channels. Receives and transmits both voice and 1600 Hz ringing FM; range 10-15 miles. Receiver circuit has variable 1st IF 4.45-5.45

MHz and fixed 1.4 MHz 2nd IF; also squelch and 600 ohm audio output. Transmitter uses crystal-controlled oscillator and oscillator power amp; power output 2 watts (LO) or 15 W (HI). Also meter to monitor xmitter filaments and 90 V input. Requires PP-109 or -112 power supply. Tubes 4/1U4, 2E24, 2/1A3, 2/1L4, 4/1R5, 2/1A4, 1S5, 4/3Q4, 3A4, 3/3A5, 2/3B4, 6AK5. 9x13x11.3, 42 lbs sh. #RT-68, USED, \$115.00
TRANSCEIVER, 20-28MHz, #RT-66, USED, \$89.50

PP-112/GRC 24 VDC SUPPLY for RT-66-67-68 transceivers; provides all voltages from 24 VDC 6.5 amp input. Case may have casting chip(s); 7.3x9 x13, 39 lbs sh. #PP-112, USED, \$27.50.

PP-109 Supply, 12 VDC 12 A input. #PP-109, Used, \$35

#CX-1211 INTERCONNECT CABLE, RT: PP units, \$12



R-108/GRC RECEIVER, 20 to 28 MHz-FM continuously tunable with variable squelch; 4.3 MHz I.F. Audio output: 600 ohms. RF input: 50 ohms. With tubes 3/1U4, 2/1L4, 1A3, 2/3A4, 1S5, 2/3Q4, 2/6AK5 & 0B2. Requires 135 VDC @ 70 MA. and 6.3 VDC 2 amps. 7.5x9x13; 32 lbs shipping.

#R-108, GOV'T-RECONDITIONED, \$55.00

R-109 RECEIVER, same as R-108 except 27-39 MHz. #R-109, Used, \$45.00

EMAIL US YOUR INQUIRIES AT FAIRRADIO@FAIRRADIO.COM

USB Receiver-Exciter



RT-662/GRC-106 TRANSCEIVER, 2 to 29.999 Mhz USB-AM-CW-FSK; tunes using 5-decade mechanical switches to 1 KHz steps + vernier. Exciter output 100 MW. Controls: Service Selector, PA Load, Squelch, Noise Blanker, BFO and audio functions. LESS Signal Level meter. Requires 24 VDC 10 amp; 7x18x13, 56 lb sh.

#RT-662-UR, Used Repar. not tested/LESS meter, \$275
#RT-662-CH, "Checked" w/ meter (not original), \$450

RT-834/GRC-106A, similar to RT-662 above but 2-29.9999 MHz, 0.1 KHz increments. Used:

#RT-834-UR, Repairable no meter, \$300.00
#RT-834-CH, Checked with sub meter, \$495.00

GRC-106 MODULES for RT-662 and RT-834, most modules available except 1A3 Freq-Standard removed from "used" radios. 2 lbs sh.

Price: UNTESTED, \$20 ea. Add \$20 per module for "CHECKED" modules. #MOD-(specify module #-) (specify RT #-) (untested "UNT" checked "CH")

AM-3349/GRC-106 POWER AMP

for RT-662/834; amplifies 100 MW RT output to 200 W AM or 400 W PEP. Uses two 4CX350FJ tubes. Requires 28 VDC 1 KW max; 77 lb

#AM-3349-UR, Used Repairable w/ original meters, \$750
#AM-3349-AI, Used As-Is, less meters, \$400.

Manual, partial repro GRC-106/106A, #MM-GRC-106, \$40
Operator's Manual, GRC-106/106A, #OM-GRC-106, \$12
HANDSET, #H-33, used-checked, \$17.50
MIC, #M-29B, used, \$12. Headset, #H-227, \$17.95
MOUNT & SIDE PLATES, 25 lb. #MT-3140, Used, \$35.
INTERCONNECT CABLE, #CX-10099, used, \$20.00
ANTENNA CABLE, 4 lbs. #CX-10171, Used, \$22.00
TELETYPEWRITER, 100 lbs, #UGC-74, Used, \$85



MD-522A/GRC MODEM, modulator-demodulator for GRC-106/106A HF radios and teletypewriters TT-4A, TT-76, TT-98, UGC-4 or UGC-74.

Permits transcription of voice, narrow (NSK) or freq (FSK) shift keying, freq-diversity and NSK +voice. One-way or duplex Send-Receive. Internal loop voltage 120 VDC 60 ma max. Has 2BP1 CRT, U-77 mic & 600 ohm audio connections. With original volt-current meter for customer to install. Req. 24 VDC 1.4 A; 7x18x13, 41 lb. #MD-522, Used, \$165.00
Manual repro, #MM-MD-522, \$35.00
Power Connector, #PC-MD-522, \$10.00

R-442/VRC Receiver

R-442/VRC RECEIVER 30-75.95MHZ FM RECEIVER. 920 50 KHZ CHANNELS. Has noise and tone operated squelch. Normally used with antenna system AB-15, MS 116, 117, 118. Power connections through MT-1898 mount and DC power cable, CX-4720 which are included. 13.5, x 5.8 x 8.9, 31 lb sh. #R-442, Used Repairable \$300.00



TRC-68 Transceiver



RT-441B/TRC-68 Transceiver 225-400 Mhz AM. 1960's vintage transceiver, basically same as RT-323/VRC-24, rated 16 watts minimum 225 to 400 Mhz. As pictured, no case, no dynamotor/power supply. Voltages required

26.4vdc 125 vdc 300 vdc. Utilizes the following tubes. 7/5670 10/5654 6442 4x150d 7554 6/6j4 6/5670 4/ 5763. 15.2 x 9.5 x10.2, 47 lb sh.

#RT-441, Excellent condition \$200.00
Manual Repro, #MM-TRC-68, \$35.00
#MT-1436 Terminal Box less cover. Unused, \$20.00

2-12 MHz USB 100 Watt



RT-671/PRC-47 HF TRANSCEIVER, 2 to 11.999 MHz USB (voice and CW+800 Hz) in 1 KHz steps. Output 100 watts PEP (Hi) or 20 W

(Lo). FSK possible with accessory converter (not available). Transistorized except for PL-177WA tube in power amp and 5907, 7761, and 7905. Has 5-place mechanical digital tuning, P-A Load and Tune controls, and XMTR Output Meter. Designed for field or vehicular use; operates from either 24 VDC 20 amps or 115V 400 Hz. 7x21.3x13.5, 45 lbs.

#RT-671-UR, Used, \$150.00
#RT-671-CH, Used Checked, \$295.00

MANUAL for PRC-47, partial repro, #MM-PRC-47, \$25
LONG-WIRE ANTENNA, 3 lbs., #AS-1321, \$15.00
HANDSET, #H-33, used-checked, \$19.95

"Y" CABLE for H-233 to RT, #CX-8396, \$8.00

50 ft AC Cable, #CX-8393, \$15.00

Battery Cable, #CX-8395, \$8.00

BACKPACK FRAME only w/ harness, #PRC-47-BF \$12.50

ALUMINUM TRANSIT CASE, 65 lb #CY-3700, \$28.00
TUBE USED STT, #PL-177WA, \$25.00

MODULES from PRC-47 transceiver. Used not tested:

AUDIO AMP has mic, sidetone, vox & compressor circuits of TX; AGC & audio for Rx. Requires 20 & 24 VDC. 4.3x4.3x2.8, 2 lbs.
#AM-3506, \$15.00



AMPLIFIER MODULATOR contains LSB 500 KHz mech filter F500-Z5 (#526-9376) plus balanced modulator and product detector. Requires 20 VDC; 4.3x4.5x1.3, 1 lb. #AM-3507, \$35.00
Connector set. #AM-3507-CON, \$6.00

CONTROL OSCILLATOR, 3 lbs. #C-4311, \$25.00

SIGNAL DATA TRANSLATOR with tubes 5907, 7761, 7905; 5 lbs sh. #CV-1377, \$40.00

RF OSCILLATOR contains 3 MHz crystal in oven; produces 500 and 100 KHz outputs. Requires 20 VDC; 4.3x4.5x1.3, 1 lb sh. #O-1032, \$20.00

POWER SUPPLY, 16 lbs sh., #PP-3518, \$25.00

PRC-41 Manpack



RT-695/PRC-41 UHF MANPACK UHF TRANSCEIVER, 225 to 400 MHz AM in 100 KHz steps counter; output at least 3 watts over range. Also has guard channel, Volume, Squelch, and U-77 connection for H-33 handset. Solid-state except for tubes 6442, 4/7077, and 4/7544.

Requires 24 VDC 3 amps; 14x11.3x4.5, 22 lb. #RT-695, Used, \$149.50
Used Checked, #RT-695-CH, \$295.00
Manual for PRC-41, partial repro, #MM-PRC-41, \$20
HANDSET, #H-33, used-checked, \$17.50
VEHICLE MOUNT for PP-3700, 4lb., #MT-2977, \$9.00

Eastern Block Radio

The Russian Tube Type Radio R-105M was intended for use by infantry units. Operating in one continuous band on 36-46.1mc, with an intended channel spacing of 25 or 50kc. RF power output is rated at 1 watt. FM. Power is derived from two internal Nicad batteries. Durable bakelite housing. Removeable front and back covers. With accessories. 12.3x5.5x11.7, 23 lbs.
#R-105M, Used, \$250.00



PRC-25/77 Backpack Radio



RT-505B/PRC-25 TRANSISTORIZED BACKPACK TRANSCEIVER, 30-75.95 MHz FM in bands 30-52.95 MHz (Lo) and 53-75.95 MHz (Hi) with 50 KHz spacing. Output:

1.1 to 2.0 watts; 150 Hz squelch. Transistorized except 2DF4 tube in power amp. Requires 3 VDC 400 ma and 15VDC 1.4 amp supplied by BA-4386 battery. RT-505B has modified A25 audio module for broad-band use with C-7673/PCC-1 and CU-2194 diplexer. 4x11x14, 18 lbs. #RT-505B, Used, \$300.00
RT-841/PRC-77, Similar to above, #RT-841, \$550.00

Manual for PRC-25, partial repro. #MM-PRC-25, \$20.00
Manual for PRC-77, partial repro. #MM-PRC-77, \$20.00
Backpack Harness. #ST-138, Used Excellent, \$35.00
RIBBON ANTENNA, #AT-892, used, WRITE BATTERY f/ PRC-25-77, "weak" #BA-4386, 3/5.00
BATTERY, 1995 X-date (no UPS or air), #BB-5598, \$4.
ACCESSORY BAG, used, #CW-503, \$7.00
HANDSET or = for PRC-77/25, #H-250, Used, \$20.00
Original Op's Manual f/ VRC-53 (PRC-77 & AM-2060) #MM-VRC-53, \$20.00



AM-2060 Audio Amplifier / Power Supply with interconnect cable CX-4655. PRC-25 or PRC-77 transceivers sets on and plugs into AM-2060. Unit has a speaker for the transceiver, remote

antenna tuning for the AS-1729 antenna and allows 24VDC vehicle electrical to power transceiver. Comes MT-1029 mount. 11.8x15x6.7, 23 lbs sh. #AM-2060, Used, \$360.00

AN/GRM-55 TEST SET, used to check test points in modules of RT-505/PRC-25 transceiver and to isolate circuit problems.



(Indirect tests only of modules A2, A12-13, A19-20.) Includes TS-1755 test unit, MX-4622 probe, and CG-409 BNC cable. Requires 12.5 VDC 1 W per 5 sec test. 5.5x7x8, 10 lbs sh. #GRM-55, Used, \$45.
As above except w/ test cable CX-8593, \$64.50

6 Meter Diplexer



CU-2194/URC DIPLEXER, passive two-port notch filter and combiner network; allows simultaneous use of two transmitters, receivers,

or transceiver on a common antenna provided that operating frequencies are slightly offset. Usable over 30-76 MHz FM for use with PRC-25-77 & VRC-12 transceivers; will work with commercial 6-meter equip. Has NULL METER, TUNE controls, Fine-Coarse-Monitor MODE Switch and RT1-RT2 BNC connections. Unit may function as man-portable relay terminal. Maximum RF power to each channel: 65 watts cont. Operational isolation: 45 DB min @ 2 MHz separation. Insertion loss: 2 DB max; VSWR 2.0:1 max. 4x11x7, 10 lbs. #CU-2194, Unused, \$69.50; #MM-CU-2194, Original Manual, \$10.00

PRC-75 Radio

RT-976A/PRC-75 UHF TRANSCEIVER, rugged handheld ground-to-air tactical synthesized radio covers 225 to 399.95 MHz AM-CW in 50 KHz steps (3500 channels). Power output >1 watt. Has three thumb operated dials to set frequency; design frequency accuracy 1 part / 100000. Also has 1000 Hz audio beacon-DF tone. RF input 50 ohms; audio output 600 ohms. Requires 18-30 VDC from battery pack (not supplied); no accessories; 1.6x4.3 x8, 6 lbs. Look nice, complete but not working. #RT-976A, Not repairable "As-Is, \$75.00



RIBBON ANTENNA, fastens to RT-976/PRC-75 225-400 MHz handheld transceiver; 14.6"L. snap fasteners. #AS-2447, NEW, \$10.00

ANTENNA ADAPTER, allows for BNC coax antenna connection. #UG-1884, New, \$9.95

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PRC-6 Handheld



RT-196/PRC-6 FM TRANSCEIVER, Israeli 1950's vintage single-channel crystal-controlled in 47 to 55.4 MHz range. Output good to about 1 mile depending on terrain and weather conditions. Handheld unit has push-to-talk switch, Volume Control, ribbon antenna, carrying strap and connection for H-33 handset. Uses CR-23 crystal (not included). With tubes 6/5678, 3B4, 3/5672, 2/5676 and 2G21. Requires 1.5, 45 and 90 VDC usually supplied by BA-270 battery (not available).

15x5x4.5, 6 lbs, #PRC-6, Used, \$99.50

Original Manual for PRC-6, #MM-PRC-6, \$10.00

Crystals for PRC-6, specify 1st, 2nd and 3rd choices of desired working freq. #PRC-6-CR-(freq.), \$10.00 ea

PRR-9/PRT-4 Radios

GOV'T-RECONDITIONED each single channel with crystal for 51 Mhz FM: PRR-9 RECEIVER with earphone, antenna, & operator manual. Requires 5 V 25 ma battery power; 7x3.5x1.5, 3 lb. #PRR-9-GR, \$40.00

AN/PRR-9 (XE-9) SET, updated PRR-9 with "squelch"; requires 3 VDC input from BA-4534 battery (N/A). With AS-1998 ant, earphone, lanyard & op's book; 6 lbs. #PRR-9-UN, Unused, \$89.50

Manual repro for PRR-9/PRT-4A, #MM-PRR-9, \$15.00

Horn speaker for PRR-9. #PRR-9-HO, Unused, \$5

AN/PRT-4 w/ antenna & battery box, Used less crystal, #PRT-4, \$20.00

AN/PRT-4 "AS-IS", less crystal, antenna, & battery box; for parts or experiment, #PRT-4-AI \$8.

#CX-11991 Battery ext. cable f/ PRT4. Used, \$15

SEM-52 Handheld

German-made unit can operate on six preset channels (2 supplied) in 47-56.975 MHz FM range @ 300 MW; 25 KHz spacing. Has Off-On-Squelch (AUS-EIN-RSP), Volume & Channel (KANAL) select. Requires six AA-batteries. Includes RT, 35" ribbon antenna w/ flex base, "web" head-set-mic and carrying bag. May not comply with FCC regulations. 7.1"Hx3.4"Wx1.5"D, 4 lbs sh. #SEM-52, Used-clean not-tested, \$125.00

PRC-90 TEST SET



AN/PRM-32A RADIO TEST SET for AN/PRC-90 UHF & PRC-106 VHF survival radios. Requires one radio as receiver and another as transmitter. Tests 243 MHz frequency for beacon, transmitter MCW-voice and receiver outputs. Also Tx-Rx voice outputs for 282.8 MHz (PRC-90) and 121.5 MHz (PRC-106), earphone & battery test. Has 1.8" square meter with Red-Green scale, TX-Rx connector adapters for hook-up & operator's info. 3x 5x4, 3 lbs. #PRM-32, Used, \$27.95

Manual repro, #MM-PRM-32, \$8.50

ARC-34 Test Set

AN/URM-76A Radio Test Set for ARC-34 radio can be used as a DC voltmeter with the following DC voltage ranges: 1.5, 5, 15, 50, 150, 500. Uses 3.5 inch 50 micro amp DC meter. Case containing meter, 1% precision resistors, 20 position test switch, probes, aluminum case with cover. The unit can be easily modified for other test uses. 4.3x8x7.5, 8 lbs sh. #URM-76, Used good condition w/ schematic, \$18.95



GRC-109 Supply



PP-2684/GRC-109 POWER SUPPLY provides voltages for RT-3/T-784 and R-1004/RR-2 from 75-260 VAC 40-400 Hz or 6 VDC 13 amp input. Meter monitors AC input; connections for RX and Tx. 10x8.5x5.5, 28 lbs sh. #PP-2684, Used, \$29.95

PP-2684A, Similar to above except larger case with snap closures. #PP-2684A, Used, \$32.00

Manual for GRC-109, partial repro, #MM-GRC-109, \$20

VOLTAGE REGULATOR, for use with G-43 generator and R-1004; 6 ft cord with PL-244 plug; 4 lbs sh. #CN-690, Used, \$19.95

GRC-213 Amp / Supply

AM-7152/GRC-213

Amplifier / Power Supply / Squelch unit. The unit increases audio output and provides squelch circuitry for the AN/PRC-104, which the transceiver does not itself incorporate. It also provides DC power for the PRC-104. The AM-7152 may be used with the RT-1209/PRC-104 to provide audio and squelch without the entire GRC-213 set, or with any other HF/SSB transceiver that does not have squelch capability of its own such as the AN/PRC-74 or AN/PRC-47 sets. Requires 24VDC. 10x12.5x3.5, 14 lbs sh. #AM-7152, Used repairable, \$235.00



PRC-41 Power Amp



PRC-41 UHF Power Amp AM-6669 RF Power Amplifier, designed for use with PRC-41 transceiver, but usable with other 225-400MHz xmitters such as PRC-66, ARC-45, etc. Power output: 10 watts from 2-3 W input; "N" connections Solid-state; 24 VDC required.

5.3x6x9.8, 10 lbs sh. #AM-6669, Used Repairable, \$250

600W Power Meter

ME-165/G STANDING WAVE-

RATIO POWER METER, designed for use with T-368 400 W transmitter; uses 12/ 600 ohm 50 W non-inductive resistors in parallel to provide 52 ohm 600 W load with SWR of 1.1:1 or less upto 30 MHz. Has 0-600 Watt meter, function switch Power-Adjust-SWR-Operate, & N connections. Flanged on back for wall mount. 1.5x9.8x9.8, 20 lbs. #ME-165, Gov't-Recon, \$125.00

Manual repro, #MM-ME-165, \$8.50



Battery Boxes



CY-7541/PRC-104 BATTERY BOX, plastic box clips onto PRC-104 backpack radio set and will hold 16 silver-zinc (or =) batteries that provide 20-32 VDC. Side unscrews to insert batteries; 3.8x12.5x2.6, 4 lbs. #CY-7541, unused, \$17.95

CY-744 Battery Box for the PRC-10 backpack radio.

9.4x9.7x2.5, 4 lbs sh.,

#CY-744-U, Used, \$29.50

#CY-744-GR, Gov. Recon., \$45.00



AA-BATTERY BOX for Trimble Navigation Trimpack GPS receiver. Clips onto & allows operation of GPS from 8 - AA

batteries (not included). 1.6x 6.5x1.5; 1 lb. #GPS-13828-00, NEW, \$22.00

Noise Reduction Unit



JPS Communications NRU 500 Noise Reduction Unit originally designed to improve the signal to noise ratio of HF communications. The unit removes broadband noise, repetitive impulse noise, tones, heterodynes, and receiver birdies. The unit can be used to process any audio speech signals. Output impedance 600 ohms. Controls on front panel, power; Noise reduction-Max-med-min; bypass on-off; signal LED; in and out level adjust(scdvr); squelch; speaker; phones; monitor level. Requires DB-9 M and F, not included. Requires 115/230V. With manual repro. 8 lbs sh. #NRU-500, Units are in excellent condition, \$325.00

Military Batteries



BA-5598 LITHIUM BATTERY for RT841/PRC-77/25 radio; output 12.5 VDC. Two BA's fit RT battery box. Has discharge switch to make non-reactive after final use; 1995 expire date. Class 9 hazardous item; USPS Shipping ONLY. 3.5x4.8x2.1, 2 lbs sh. #BA-5598, Unused, \$4.00 ea; 2/\$6.50; 24/\$50.00

Rechargeable Nickel Cadmium Battery for PRC-68/68B/ 126/128 radios. 15 Volts 0.80 AH at 0.16 A. Date Code: 11/89. 1.5 x 4.3 x 4, 3 lbs. #406870-1, Unused, \$32.50



Military Nickel-Cadium Battery Pack, four D-cell batteries in plastic pack produces 4.8 V 3.2 amp-Hr; 3/80 date code. 3.5x5.5x1.5, 3 lbs. #4D2704, 5 for \$10.00

BA-48 Battery for GRC-9 Receiver section. +90V & 1.5V. Date code is 0486 but still check good. No stains. 8 lbs sh. #BA-48, \$5.00

BB-490 Battery/Charger



Lead Acid Battery Pack with Charger, consists of two BB-490 military batteries each rated 24VDC (2x12 VDC) 1.8 Amp-Hrs @ 0.35 amps; AM5-H6

charger fits on top of BB-490 or similar batteries and shows "charging" and "ready" on LED indicators. MPS-CH2 charger power supply output 16VDC 1.5 A from 115V 60 Hz input. BB-490 used in PRC-104, etc. radios; 4.3 x 5 x 2.5. Kit 9 lbs sh. #BB-490, New, \$19.95; 3 for \$50.00

GRC/PRC Battery Test

AN/PSM-13 BATTERY TEST SET; checks GRC and PRC-type battery packs BA-270, -279, -376, -377, -4386/398/ PRC-25, -399, and -505. Meter indicates BAD-GOOD (FS=1 MA).

With adapters U-240, -241, -314, -315, -347, -410 & canvas case. 7 lbs. #PSM-13, Used excellent, \$24.95



Military Battery Tester



TS-183 Battery Tester. Checks a large number of different military batteries for radios such as PRC-6, PRC-10, PRC-25, BC-620/659, GRC-9, and many many more. For a complete listing of the batteries see our website at www.fairradio.com/ts-183.htm. 10.2x15.3x7.4, 18 lbs sh. #TS-183-U, Used, \$30.00 #TS-183-GR, Gov't Recon., \$49.95

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

CV-278 Freq Shift Converter



CV-278/GR Frequency Shift Converter for the R-392 HF Receiver. Converts frequency shift signals to neutral or polar marking or spacing DC impulses. 450-500 KHz input, 20/60 ma or polar output for teletypewriter. Uses tubes 8/26A6, 2/26A7. 9.1x13.8x7.3, 22 lbs sh. Less meters and knobs. #CV-278, Used, \$25.

Canvas Bags & Covers

BAGS & COVERS may be used or unused. May have minor wear, tears or discolor:

SHOULDER BAGS with adjustable straps; Used:
 #BG-175, 10x8x10.5, \$15.00
 #CW-189, 10x9x10, \$10.00

GRC/VRC EQUIPMENT COVER
 #CW-140 for GRC-9, Used, \$15.00
 #CW-329 for GRC-3--8, Unused, \$14.00

ANTENNA ROLL BAGS f/ MS-116 etc mast sections,
 #CW-206-U, Used, \$7.; #CW-206-UN, Unused, \$15.
 #BG-174, Used, \$15.00

Cargo Sling-Heavy Duty Tow Straps.

This item is a 15,000 pound cargo sling and consists of four sections, each is constructed of four 15 foot seatbelt type OD nylon straps which are looped on one end with an 76 inch chain and catch arrangement on the other. The loop ends are all joined together by a large loop of webbing. This loop can be removed to separate the four individual straps for use as tow straps or whatever. #CS15K-SLING, 105 lbs sh. Unused, \$69.50

Single strap from above w/ chain and catch,
 #CS-STRAP, 25 lbs sh. \$25.00



Radio Mounts



MT-1029/VRC Vehicular Mount for RT-246 & RT-524/VRC -12 transceivers. 5x12.5x16, 19 lbs.
 #MT-1029-U, Used, \$29.50;
 #MT-1029-GR, Gov't-Recond., \$45

MT-1898/VRC Mount for companion R-442 receiver 5x6x12.3, 15 lbs.
 #MT-1898-U, Used, \$25; #MT-1898-GR, Recond., \$32

ARC-164 MOUNT, retrofit ARC-164 into ARC-34 mount. Rear rack connector & front plug for ARC-164. 5x13.8x11, 11 lbs. #MT-6147, Used, \$25.00

MT-300 Mount serves as support for the RT-70/AM-65 radio system and as a junction box for interconnecting the RT-70 and interphone amp with control box C-375 (page 9). Also, inter-connects the vehicular power source and the power supply within the amp. 13x8.3x3.1, 13 lbs. #MT-300, Used poor, \$65.00



Robinson Aviation shock mount 848-2. Looks like its good for about 5 pounds. For base 5.5 x 7.5 inches with screw clamp on front. 2 lbs sh. #848-2, Used, \$10.00

MT-6352/VRC Mount used with various sincgars radios and amplifiers. 23 lbs sh.
 #MT-6352, Used, \$125.00

ARC Type Connectors



Hard to find ARC connectors for the WW2 Command Sets and later ARC Type 12 Radio Sets. Some of these connectors can be used as is. Some need to have guides filed off. Much information is in the Tauson book, "A Users Guide to Aircraft Radio Corporation Receivers." Also see the ARC connector catalog reproduction. Connectors are unused unless marked Used. "M" designates Male and "F" female.

ARC #	pins	m/f	Works with	Price
16743	12	f	CV431	\$15
12341	19	f	C-2275 R-836 R1021 C3436	\$15
14320	19	f	C25 Control	\$12
12370	2	f	TYPE 12 15 Power	\$10
12427	2	m	Chassis Type 12 Rec 15 Rack	\$10
12426	3	m	Loop Antenna Connector R836	\$10
14052	4	f	T11 13 Power	\$15
12337	4	f		\$10
16104	4	f		\$12
12338	8	f	15 & Command Racks w/ Mod.	\$15
15912	8	f	Modulator Command Rack	\$15
14050	8	f	T11,13 Mod f/ Command Racks	\$15
12097	8	m	Chassis type	\$10
PL-151	6	f	Modulator and Receiver Rack	\$15
PL-153	18	f	Modulator tx Control Boxes C38 MD-7	\$15

A User's Guide to ARC Corp Receivers - by M. Tauson; ARC-5, ARC-type 12 etc, #BK-USER5, \$10

ARC Connector Catalog reproduction,
 #CAT-ARC, \$5.00 each

Vintage Connectors

"Other Vintage Connectors"

PL-59	BC-191 / 375	\$12
PL-61	BC-191 / 375	\$18
PL-64	BC-191 / 375	\$18
PL-134	RU-18	\$15
PL-135	RU-18	\$15
PL-164	2 f SCR-522	\$12
PL-167	4 f SCR-522	\$12
PL-169	12 f SCR-522	\$12
PL-171	6 f SCR-522	\$12
PL-172	2 f SCR-522	\$12

Three pin connector pair. MS3114E8-3S chassis male and MS3116P8-3P cable female connector pair for audio or low current voltage use. Wire can be easily soldered to the gold plated pins. These connectors lock together with a half turn cam action. They will not come apart from vibration. Excellent for use in vehicles and high vibration applications. Removed from unused equipment. #3PIN-PR, \$15.00 per set

GRC/VRC male connectors, specify type & equipment used. #CON-(equip)-(strain="st" crimp="ct") Used-cut-offs: Strain type, \$10 each; Crimp type, \$4.00

Audio Connectors: #U-77, \$4; #U-79, \$8; #U-229,\$5

Spanner Wrench



SPANNER WRENCH FOR MILITARY GRC CONNECTORS. Fits the retainer ring on the GRC and VRC connectors. Makes it much easier to take

those connectors apart. Set contains the following sizes: 0.6", 1.25", 1.45", 1.6", 1.85". 1 lb sh. #SPAN-GRC, Unused but need cleaning. \$16.95

Terminal Panel

Military Terminal Panel with ten heavy duty push terminals with insulation and 5 pin military audio connector U-183/U that mates with the U-229 as used on many military radios. Also has 4 pin male power connector MW20M(M)A00 M55181/2-01. The two connectors have rubber protective covers to resist moisture and dirt. 1.9x6.6x4, 3 lbs. #TP-10, Removed from unused equipment. \$14.95



GRC-9 Accessories

Leg and seat for GN-58. #LG-2B, Gov. Recond, \$50
 LG-3B Legs for GN-58. Used, \$40.00



Crank handles for GN-58 generator. #GC-7, Used, \$35.00 per pair

44" Power Cable CD-1086. Connects GN-58, PP-327, or DY-88/105 to GRC-9 radio.
 #CD-1086-44, Used, \$40.00

Mating power connector for BC-223, #PL-149, \$18.

Bracket attaches IN-127 base to RT-77 radio, French made #FT-515-FR, Used, \$5.00
 As above but made in the U.S.A, #FT-515-US, \$8.50

Vehicular Mount for RT-77, #MT-350, Used, \$20.00

Cover for RT-77/GRC-9, #CW-140, Used, \$15.00

Long Wire Antenna "As-Is", may have wire breaks:
 #AT-101, 4.3-12MHz, \$16; #AT-102, 2-4.3MHz, \$15

#MM-GRC-9, Original Manual for GRC-9, \$15.00

Radio Cables

CX-1209/VRC Power cable for the RT-70 Transceiver when used with the CY-590 battery box. Unused, \$17.
 CX-4720 VRC DC Cable, 8 feet. \$12.00

CX-4721 Extension Cable for DC power 5ft. Unused,\$14

CX-4722 VRC Control Cable, 5 feet, \$10.00

CX-4723 VRC Control Cable, 4 foot, \$10.00

CX-7867 AUDIO CABLE, 25' U-229 /-228, \$10.00

CX-11016 2/19 pin male connectors 6 ft. Unused, \$10.

CX-12991 KY-57 to PRC-77 CRYPTO cable NSN 5995-01-058-2513. Used, \$12.00

CX-13089 Vehicular power cable for use with MX-7777 or vehicles with 3 pin power sockets. 5 ft 4 conductor #14. Unused, \$10.00

Vehicle power socket 3 pin female to mate with CX-13089 cable. #CONN-13089, Unused, \$12.00

Vehicular power cable for use with MX-7777 or vehicles with 3 pin power sockets. 5995-01-119-9271 4 conductor #14 12ft. Same connectors and pinout as CX-13089. #CBL-13089-2, Unused, \$14.00

#CX-13134/U DC power cable 3 pin connector fits MX7777, Crown CC229935-2P, and 4 pin PTO6E-8-4S. Unused, \$12.00

#CX-13143 6 Ft DC power Cable for the AM-4979 and AM-6747 amplified speakers. Unused, \$12.00

#CX-13300/VRC Audio cable 2 ft. Used, \$15.00

Crypto Cable RT-1209 PRC-104 to KY-99. 2 feet. #CBL-104, Used, \$17.00

#SM-D-915890 Battery back up cable for UGC-74 MS3116E-12-3S, other end fits the batteries used with PRC-25/77. Unused, \$15.00

30" long two conductor 8 gauge cable with a standard GRC 4 pin female connector for T-195, GRC-106, etc. on one end going to two bare wires on the other. The 4 pin connector is a commonly used on many GRC equipment for power in. 2 lbs sh. Used, #GRC-CBL-30, \$14



Adapter, 33" cable with a U-77 audio connector on one end and two U-79 connectors (mates to U-77) mounted on a panel box on the other end. 3 lbs. #J-654, Used, \$12



Vehicular DC power splitter. One male connector and two female connectors. #CBL-VEH, Unused, \$25.00



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Mast Kits



12 foot Military Mast Kit. Comes with: three 47" long x 1 3/8" fiberglass mast sections, one 8" top mast



section which holds two horizontal aerial antennas and also has 16 feet of RG-58 coax with a male BNC connection at the end, two

28" antenna elements that thread to the top section, one guy ring with guy rope, three 9" stainless steel stakes, one 27" long mast base which mounts directly into the ground, and O.D. green carrying bag with handle. There is no indication of a model number on the assembly. Excellent for field day or other portable antenna use. 12 lbs sh. #MK-12, \$59.50 each; 2 for \$99.50

HEAVY DUTY NYLON BAG, ideal for mast kits along with MANY other



applications! High quality Cordura Nylon is coated for water repellency, rot and is mildew resistant. Bag has 1 1/2" web handles that wraps around bag for added strength. Two zipper slides for easy opening. Overall size: 44" long x 9" deep x 7" tall. 3 lbs sh. Comes in OD Green. #BG-1244, New, \$39.50 each; 3 / \$99.50

Mount Brackets



BRACKET for mounting 2" dia antenna bases like AB-15 to vehicles or other flat surfaces. Mount plate 6.3"W x 4"H; base hole center extends 3.9" from plate. 4 lbs.

#SM-B114371, Unused, \$10.00

Mount bracket accepts 2" diameter antenna bases such as the AB-15 or MP-65. Mounts to flat surfaces. 4.3x6.5x3.1, 4 lb sh. #AB-450, \$8.00



Angle Bracket for attaching MP-50 or similar mount bracket to corner of vehicle. Bolts for MP-50 and drilled for side mount; 5 lbs sh. #SCC-28591, Unused, \$9.95

Guy Ropes

CP-12-13 **COUNTERPOISE** heavy rubber-covered wire spreads to form 15 ft dia radial network for ground plane antenna; used with MS-116-117-118 mast sections; 4 lbs. #CP-12-13, Used, \$12.00



GUY ROPE SET, 3x20' lengths, #GY-12/42, Used, \$7

ROPE, 80', #M378, \$6.00; 10', #M379, \$1.50

Steel Guy Assembly



1/8 inch steel guy cable on steel bracket with locking pulley and tension adjustment. Use for field day antenna guy or other wire support use. 9 lbs., Used,

#GUY-36, 36 ft, \$19.95
#GUY-44, 44 ft, \$21.95
#GUY-62, 62 ft, \$27.95

Mast Sections

3-FOOT MAST SECTIONS (left), WW-2 & Korean

War vintage: painted copper-coated steel. Sequentially screw into the other; 3/16" dia MS-49 top section the smallest. Self-supports to 15 ft; MS-53 can fit into another MS-53; 1 lb sh. May have surface rust; We no longer have the MS-51 which is necessary. Select from MS-49-50-52-53, #MS-(specify #), used \$3.00 ea MS-54 Mast Section. Unused, #MS-54, \$10.00

MS-116-117-118 MAST SECTIONS, each 39.3"L. MS-116 is stackable bottom section, MS-117 middle and MS-118 tapered top; fit AB-15, AB-652, MP-65 & UG-558 bases. 1 lb ea. #MS-116-U, Used \$3.50; #MS-116-UN, Unused \$5.50 #MS-117-U, Used \$6.00; #MS-118-U, Used \$6.00

AB-21-22-24-Mast Sections, similar to MS-116-117-118 except 27" length each. AB-21 is bottom & stackable section; 1 lb each. #AB-(specify #), used, \$4.50 each

PRC-Type Antennas

AT-272A RIBBON ANTENNA & AT-272 FLEX-BASE SET for PRC-8-9-10; 2 lbs sh. #AT-272, Unused, \$15. SHORT FLEX BASE only f/ AT-272A, #272-BO, used, \$3 RIBBON only for AT-272A, used, #272-RO, \$8.00 RUBBER BASE f/AT-271 (PRC-8-9-10) #AB-129, \$4.00 RUBBER BASE f/AT-271 (PRC-25-77) #AB-591, \$12.00 ANTENNA FOR PRC-68B, #AT-20, Used, \$20.00 37.5" Ribbon Antenna for PRC-126 and PRC-128 but not PRC-68. 2 lbs. #37695721153-3, Unused, \$12.00 RIBBON ANTENNA f/ PRC-6 radio, #PRC-6-RA, Used,\$8 WHIP f/ Canadian CPRC-26, #AT-5001, used, \$8.00

Mast Bases

AB-154/RC-292 Swivel Base with Base Plate. Used with AB-85 and MS-44. This assembly consists of a yoke and clevis pin. The lower mast section is placed over this tubular section. The yoke and clevis pin allows the mast assembly to be lowered to the ground by pivoting about the stake. The base plate has three cleats for fastening the guy ropes. 5.5 x 6 x 17, 3 lbs sh. #AB-154-PL, Used, \$15.00



AB-15 MAST BASE for MS-116-117-118 or AB-21-22-23-24 masts; rubber flex spring with 3.3"Lx3" dia ceramic insulator & bottom terminal. Mounts in 2" dia hole. O/a 15"L, 3 lbs sh. Used with small chips in the ceramic insulator, #AB-15-U, \$8.00

As above but used good condition, #AB-15-UG,\$15

UG-558 BASE for MS-116-117-118; mounts to SC-D-189023. 16"Hx6"dia; SO-239 conn.

#UG-558-U, Used, \$15.00
As above but unused, #UG-558-UN, \$35.00



MP-68 MAST BASE, makes ground plane antenna when used with combinations of AB-21-24 or MS-116-118 whip masts installed as three radiating elements plus one vertical. Has center 3" dia ceramic feed-thru insulator with UHF connection and sockets for elements. Clamp on bottom allows installation on top of 1.6" dia masts like AB-

35 (RC-292) or MS-44 (AB-155). 13"Hx5"Wx5"D, 5 lbs. #MP-68, Used, \$29.95

PRC-41 Mast Assembly



AB-777 Adjustable Mast Assembly from the PRC-41 radio system. Mast assembly holds the AS-1405 omni directional antenna. AB-777 is 28 1/4" long closed and 78 1/4" fully extended. 1 1/2" dia. 6 lbs. #AB-777-U, Used,\$27.95; #AB-777-UN, Unused,\$39.95

AS-1729 Parts

#MX-6707 Base. Used, \$85.00
Mast Spring only for MX-6707; 4 lbs.
#AS-1729-MS, Used, \$10.00

Upper Mast. 64" long, 4 lbs. #AT-1095, Used, \$18.00
Lower Mast. #AS-1730, Used, \$20.00

TIE-DOWN KIT for AS-1729 including tie-down rope and plastic cap for AT-1095, #AS-1729-TD, New, \$8.00
Manual repro for AS-1729, #MM-AS-1729, \$8.50

MOUNTINGS for MX-6707 p/o AS-1729, USED:
#SCD-189023 f/ base, unused, \$20.00
#SCD-446058 corner. used, \$10.00; unused, \$20.00
EXTENDER for SCD-446058.
#445058-EX-U, used,\$6; #445058-EX-UN, unused,\$10

Long Wire Antenna



AS-1321/PRC-47 LONG WIRE ANTENNA 45 ft vinyl-covered with insulators at 15" and 25"; clips at insulators adjust

length. Designed for use with 150 W HF transceiver; 4 lbs. #AS-1321, Used, \$16.00

Antenna Loop

Each loop is constructed of interlocking plastic structural bars and spreaders to form the loop. The spreader has notches for 24 turns of enameled wire which is wound around the framework. Each section of the loop is approximately 3"x7.5"



Hexagon loop kit (6 sides) 330 microhenries, aperture of 153 sq in. #HEXLOOP, \$9.95
Octagon loop kit (8 sides) 490 microhenries, aperture of 280 sq in. #OCTLOOP, \$12.95
Decagon loop kit (10 sides) 660 microhenries, aperture of 440 sq in. #10DECLoop, \$14.95

Flat plate sliding capacitor kits use w/ above loops.
Three plate capacitor 10 - 180 pf #3PLATECAP \$13
Five plate capacitor 10 - 365 pf #5PLATECAP \$15

Loop Antenna



AT-784/PRC DIRECTION FINDER LOOP ANTENNA for use with PRC-25 -77; covers 30-76 MHz in five bands. Controls FINE TUNE 0-10 MHz in 1 MHz steps and ATTENUATOR 0-40 DB in 10 db steps. Includes AT-1082 loop with whip, CG-2840 & -3344 cables in CW-445 canvas bag. Collapsed size 8x6x3.5, 5 lbs. #AT-784, Used, \$34.00
Manual repro for above. #MM-AT-784, \$15.00

AS-2360 Loop Antenna .53 Mhz to 10 Mhz, useable to 20.5 Mhz. Impedance 50 ohms, Null depth 25 db, bearing error less than 2 degrees. Originally part of TRQ-23 radio receiving set. The base of the loop contains a loop cathode follower with varactor diode for tuning, two rf amplifiers, and an output cathode follower using 4/6612 tubes which require 36 v B+, 1.1v filament. Tuning voltage 0-102 vdc, gain voltage 0-37 vdc, sense relay 24 vdc. Comes with canvas bag. 6.4x26.2x61.8, 30 lbs sh. #AS-2360, Used, \$225.00
TRQ-23 Op's Manual & Schematics repro, #OM-TRQ-23, \$20.00



CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

C. Crane Antennas



AM Antenna With Twin Coil Ferrite. The biggest advancement in AM radio antenna design in over 50 years! The best compact AM

antenna for a portable radio or home stereo. It increases available daytime stations dramatically and reduces nighttime fade out by 99%! Can also eliminate heavy static and distortion. Tuner Size: 3.3" W x 4.3" H x 1.3" D. Antenna Head Size: 8.5" W x 2.5" H x 1.3" D. New, #TCA, \$99.95

Remote Kit, you can set the Antenna Element closer to a window or even outside, away from the noise and interference. You'll dramatically improve reception on weak AM stations in brick, stucco or metal-sided homes, and virtually eliminate static. 25' remote installation kit. #J25, New, \$19.95 50' remote installation kit. #J50, New, \$29.95

The FM Reflect is an affordable FM antenna that is equal to or better than the best indoor antenna made. Great signal to noise ratio. Works with any portable or stereo receiver. Incorporates a new dipole design for maximum gain across the FM band. Up to 213% more powerful than a standard dipole antenna. Comes with "F" connector, balun spade connector and alligator clip. Size: 54" element with an 8' feed line. 2 lbs sh. #FMW, New, \$24.95

AS-2236 Log Periodic



AS-2236/GRC ANTENNA SET, lightweight with minimal guying makes this 30 to 76 MHz low-power log-periodic antenna excellent for field day! Rated 65 Watt with VSWR 3:1, 50 ohm impedance. Array mounts on 35 foot mast and unfolds to 10 ft square. Includes antenna, seven 44.5"Lx2.75" dia aluminum mast sections, 44.5"L x 2.75" dia fiberglass section, pivot for horizontal or vertical polarization, folding tripod (10.5 ft square) with foot pads, six stakes, three screw anchors, guys, ropes, and set-up info. Array may have repairable wire "breaks"; 100 lbs shipping. (UPS in 2 pkgs.) #AS-2236, Used, \$125.00 ABOVE with "NEW" array: #AS2236-DM, \$155.00 Array only. #AS-2236-AO, Unused, \$45.00

HF Antenna System

AS-2482/TSC-60 HF RECEIVE ONLY ORTHONONAL ANTENNA SYSTEM consists of two crossed sloping dipoles 90 degrees apart with a pair of baluns at the top of the mast. Four 62 inch long mast sections 2.75" dia for 18 ft mast. Includes mast, junction box, 2/24 ft RG-213 cable, 4 stainless stakes and 4 chromed stakes. Accessories in case 31x22x8 shipping two packages 70/50 lbs. #AS-2482, unused \$325.00



UHF Dipole Antenna



AT-413/TRC DIPOLE ANTENNA for 225-400 MHz, originally part of large array. T-top elements extendable 3" each end to adjust reception; 20" max T-width. Mount flange moves to adjust height. Type C connection on bottom. O/a 15.5"H, 12 lb. #AT-413, Unused, \$16.00

Blade Antenna



AS-2485/ARC-114 BLADE ANTENNA used with 30-76 MHz ARC-114 radio set; BNC connection. 24"H x 42"L, 15 lbs sh.

#5985-168-8383, Unused, \$50.00; 2 for \$75.00

Rams-Horn Antenna

AS-580A/ARN-30 Rams-Horn Antenna with two dipoles. The forward dipole is used as a glide-slope antenna while the rear dipole is used as a VOR and localizer antenna. Each antenna is terminated with a BNC connection located on the base. Antenna originally used with the ARN-30D aircraft radio that covers 108 to 126.9MHz. Overall 23.8"Dx17.3"Wx11"H, 6 lbs sh. #AS-580, Used with some cracks in the plastic, \$35.00



LF-DF Antenna



AT-780/ARN-59 DIRECTION FINDER ANTENNA, 190 - 1750 KHz. Has ferrite loop, 26 V 400 Hz motor & Tx selsyn for drive direction. Operates in circuit on

26 V 100 Hz. W/ 14 error compensator screws, 0-360 scale visible under glass dome & schematic. 3.8x6.5x6.5, 8 lbs. #AT-780, Used \$32.00 #NG-AT780, above no glass, \$22.00

AS-313/ARN-6 DF ANTENNA, similar in function to above, but earlier design; 10x11x5, 18 lbs sh. #AS-313, Used, \$30.00



Hy-Gain Antenna



HY-GAIN MOBILE-COM ANTENNAS, new: 760-SERIES, include 52" whip, 2.5"H spring base, 18" RG-58 coax cable, PL-259 connector & UG-175 reducer; 5 lbs sh. unused, \$9.95 ea:

#761 (30-33MHz) #767 (33-36 MHz)

KATHREIN WHIP, 64-470 MHz; cut 4 foot length; 1-hole mount, 15' RG-58 coax. 4 lbs. #K50-54-4, \$15. + + + + + TELESCOPING CHROME ANTENNAS, \$2.50 each: #TCA95-380, 9.5"L to 38"L; 6-32 thread mtg screw #TCA84-144, 8.4"L to 14.4"L; 5/32" dia base hole #TCA60-125, 6"L to 12.5"L, 10-24 thrd mtg screw

Guy Tie-Downs

GUY TIE-DOWNS for securing antenna masts, tents or other items. Each has 4" based triangular steel head with 1.5"L x 3/8" dia driving shaft on base. Head has 28"L steel wire with reinforced loop for attaching guy. Tie-down driven into ground by hammering a pipe (not supplied) slipped over the driving shaft; 3 lbs #4-TD-98, NEW, \$4.00 ea; 4 for \$12.00

HYE-QUE

BUDWIG HYE-QUE dipole center antenna insulator & strain connector for long-wire set-ups; full legal power capacity + weather-tight polymer construction. Strain assembly with PL-259 connection for lead-in wire drop. #HQ-1, NEW, \$7.95 #HQ-2, insulator pair, New, \$1.95/ pair

Cellular Antenna



Cellular Mobile Antenna by Antenna Specialists with trunk lid mount. 824 to 896 MHz with 3DB gain. Antenna capable of adjusting 25 degrees any direction. Antenna has a female TNC connection. Kit comes with 15 feet of RG-58 cable with a male TNC connection on one end, cord clip, mylar tape, bracket channel, a separate TNC male connector, and allen wrench. Antenna with mount stand around 30". 3 lbs sh. #ASP-917, Unused, \$18.95

Yagi Antenna

7 Element Yagi Antenna by Antenna Specialists Model #ASPJ-2996 covers 928 to 960 MHz.



Antenna can be mounted for vertical or horizontal polarization. Has type N connection. Designed to be mounted to a mast. Comes with mounting hardware. Overall length of around 21". 3 lbs sh. #ASPJ-2996, Unused, \$19.95

Hydrogen Generator



M315B HYDROGEN GENERATOR, used to provide hydrogen for 4' balloon p/o CRT-3 Gibson Girl rescue radio. Has 1200 grs of calcium hydride crystals in long

can which, when immersed in water, produces hydrogen gas. (EXTREME CAUTION must be exercised in the performance of this process because hydrogen gas is dangerously flammable and the liquid calcium by-product is very caustic!) Cans are dented; suitable only for recovery of calcium hydride. 11.6"L x 4.3" dia, 4 lbs. #M315B, Unused-dented, \$8.95

Box Kite

Kite is also used for lifting wire antenna; has 15"Wx12"H distress orange plastic poly-vinyl panels on metal frame. Stands overall 36"H x 15" square; sturdy frame can be recovered with silk or similar light fabric. Some plastic sticks together - includes panel repair kit; 3 lbs sh. #SEB-42ABK, Unused, \$24.00



Antenna Tether Wire



306 FOOT SPOOL of vinyl-covered braided #22-size intended for use with above; useable on the ground as long-wire antenna also. On spool; 3 lbs. sh. #SEB-400X3, unused, \$12.95

Impedance Match

CU-459/AR IMPEDANCE MATCH NETWORK, black plastic bullet-shaped designed to mount to aircraft wing. Holds two AT-624 antenna elements (not available); 50 ohm BNC-conn. P/o AN/ARA-31 24-49 FM MHz homing set; 4.3x3.3. 2# . #CU-459, Unused, \$7.00



KY-149/AR KEYER, couples homing antenna to radio; requires 28 VDC. Has a 28VDC globe 60 RPM gear motor. 2.3x7.7x4.9; 3 lbs #KY-149-U, Used, \$10; #KY-149-UN, Unused, \$14.95

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Headsets

VRC-12 HEADSETS



H-251 HEADSET w/ vinyl cushions, 24" coil cord and U-182 plug; black color.
#H-251-U, Used, \$8
#H-251-UN, Unused, \$12

H-161E HEADSET with 300 ohm boom mic, push-to-talk switch, & CX-8650 Y-coil cord; vinyl cushions. Black.
#H-161E, Unused, \$59.50



H-195 HEADSET & BOOM MIC, rubber-covered single 300 ohm phone element, 40 ohm mic & push-to-talk switch. Similar to H-144 except has 10 foot cord with PJO-55 & -68 plugs; 4 lbs sh. #H-195, Unused, \$25.00

WIRELESS HANDS-FREE HEADSET for two-way FM radio communications in high noise environments. Uses throat mic and ear cushions with EPA noise-reduction rating of 23 DB. Operates on 49.86 Mhz; controls for Volume & Squelch, Velcro adjustable head web and mic straps, 6" antenna and fiberglass case. Requires two 9 V batteries; #7800H, New, \$74.50



H-113 600 OHM HEADSET, similar to CW-49507 except O.D. green color with cushions and PL-54 plug on 18" cord; 3 lbs. sh. #H-113, unused, \$7.95; 2 for \$12.

HS-30 HEADSET 250 ohm impedance light-weight WW-2 era set has cord wired to CD-604 500:4000 ohm matching transformer and PL-54 plug; 3 lbs sh. #HS-30, Used, \$9.95



H-63 HEADSET and BOOM MIC, 600 ohm receive and 100 ohm M51 mic elements; with JJ-055 and 3-pin jacks. 3 lbs. #H-63, Unused, \$14.95

H-264/PRR-9 EAR-PLUG HEADSET, coil cord & 2 mm dia jack; 300 to 2500 Hz response. #H-264, NEW, \$4.00



CTE49214 headphones f/ WW-2 MAB radio; no scull cap, #CTE49214, \$7.50

H-16 HEADSET, designed for use in high-noise areas such as tanks, replacing HS-30. 250 ohm elements with matching transformers produce 8000 ohm (series) impedance. Similar to H-65 expect 18" cord PJO-54 plug. #H-16, unused, \$10.00



H-227 HEADSET, with two 300 ohm elements in 4" x 3.5" vinyl cushions, 42" coil cord, and U-77 plug. Used with GRC-3-8, GRC-106 radios. OD-green & black; 2 lbs. #H-227, Used, \$17.95

Microphones



WW-2 CHEST SETS Unused.
#H-12, \$7.00;
#T-26A, \$7.00;
#T-46/TD3, \$7.00



600 ohm Uni-Directional Dynamic Microphone. Frequency response: 50-15,000Hz. Effective output Level: -54dB. 8.5' cord with a gold plated two way plug for 3.5mm or 1/4" phone plug. With on/off slide switch. Mfg by Merry. #DM-35. Unused, \$6.50 ea: 3/\$14.00

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RS-83 Mask type Aircraft Microphone by Telephonics. Mic is Hi-Z (100K ohm) and has a 16.5" cord with a 33" extension cable that has a push to talk switch. #RS-83, Unused, boxed \$12.95



Handheld Dynamic Power Microphone. Impedance of 1.2K ohm. Frequency response of 300-6KHz. Coiled cord with a 4 pin female connector. Marked TransVideo but made by Merry #DMC-510, Unused, \$15 each; 3/\$30

Headbands



Hard to find HB-7 Headband for the famous HS-23 and HS-33 headsets. Less connector. 2 lbs sh. #HB-7, Used good condition, \$45.00

Old Military Black Leather Headband. Holds a 1 3/4" receive element. 2 lbs sh. #BLK-BAND, Unused fair condition, \$12.00 each; 2 for \$20.00



Headband by Murdock f/ R-14, #HB-5, \$14.00 each; 2 for \$22.00

Plantronics Headsets



Starset Supra Amplified Operators Headset with voice tube by AT&T. Cushioned earpiece with adjustable headband. Comes with clothing clip and plug amp. Brown color. Unused in the original packaging. 2 lbs sh. #KS22990-L1, \$29.50

Plantronics Starset HS0309-1 Operators headset that fits over the ear with six earpieces of various sizes. Has dual connector with 1/4 inch plugs (similar to PL-55) for connection to system. #HS0309-1, Unused, \$30.00



#M-29B MIC with U-77 plug; for T-195 T-368, etc. USED \$12.00
#M-52 MIC with 5 foot cord & PL-68 plug. UNUSED, \$12.00
#M-80C MIC, unused, \$14

#M-43-JL, University Loud-speaker mfg. \$12.00
#CX-3094 MIC CORD with mating connector for above; 3106-14S-7P 3-pin male on other end. 25 ft Used, \$7.50

TRIPOD MIC STAND for above, Used #MT-596, \$10 ea; 2 / \$16.00

Handsets



H-250 HANDSET w/ push-to-talk button, coil cord & U-229 plug. #H-250, Used Checked, \$20.00 #H-350, Used Checked, \$35.00

H-33/PT HANDSET for GRC-3-8, PRC-10; w/U77 plug. #H-33, Used Checked, \$19.95

TS-9* HANDSET, p/o EE-8 field phone; 2 lbs. #TS-9, Used, \$14.95

TS-9 Handset wired like TS-13/15 for use with BC-1000 radio. #TS-9-1000, Used checked, \$25.00



H-90 HANDSET, like TS-9 but w/ U-77 plug; #H-90, \$12.00

Beige Standard Handset newer style mfg by ITT, #BEIGE-H, Unused, \$3.25

JEN-20 HANDSET w/ AMPLIFIED receiver for hearing impaired; black or beige. #JEN-20, NEW, \$15.00

Western Electric Handset with 1903 patent date; black painted brass handset with PTT-switch appears to be same as TS-7 handset used with pre-World War-2 EE-5 field phone. 3-wire cloth cord. 4 lb. #D14842, used, \$45.00



ADAPTER, 1/4" phone plug going to 2 pin jacks. #14-PJ, Used, \$2.50

Accessories



DOUBLE PLUGS, unused: #D178542 (WE289) for headsets, etc. \$3 #2PPC f/ switchboards, \$3.00

JACKS, #JK-33 PHONE JACK to fit PL-68 plug. Used, 2/\$1.00 #JK-34 PHONE JACK to fit PL-55 plug. Used, 2/\$1.00

MIC ELEMENTS, checked: #F-1 for TS-9, \$4.00 #M-51 for H-63, M-29, \$4.00; #M-235 for H-33, \$5.00 #TA-117 for H-60 (TA312), \$5.00;

RECEIVE ELEMENTS, checked: #1227 (or =) for H-33 receive, \$5 ea; TS-9 receive element, CALL #TA-235 for H-60 (TA312), \$5.00 #R-30 receive element for HS-30, \$1.00

EMAIL US YOUR INQUIRIES AT FAIRRADIO@FAIRRADIO.COM

XLR Connectors



3 Pin XLR Nickel-Plated Long type. Solder connection. New.

3.2" long Jack, #CA096, \$1.89 ea: 2/\$2.99
2.8" long Plug, #CA097, \$1.89 ea: 2/\$2.99

Short Type version of above. New,
2.8" long Jack, #CA092, \$1.89 ea: 2/\$2.99
2.4" long Plug, #CA093, \$1.89 ea: 2/\$2.99

Short type version as above except 4 pin. New,
Jack, #CA102, \$1.89 ea: 2/\$2.99
Plug, #CA103, \$1.89 ea: 2/\$2.99



3 Pin XLR Panel-Mount Nickel Plated Jack. New,
Jack, #CA104, \$1.89 ea: 2/\$2.99
Plug, #CA105, \$1.89 ea: 2/\$2.99

As above except 4 pin. New,
Jack, #CA108, \$1.89 ea: 2/\$2.99
Plug, #CA109, \$1.89 ea: 2/\$2.99

Headset Cords & Cushions



CD-604 CORD with impedance matching transformer 500 ohm to 4000 ohm; 6" cord & PL-54 plug. P/o HS-30 headset. #CD-604, Used, \$2.50

CD-318 Cord w/ Push-to-Talk Switch w/ lock; has 7" cable w/ PL-68 plug and JK-26 jack. Use with T-30 throat or T-45 lip mics; less strap. 2 lbs sh. #CD-318, Used, \$14.00



CD-307 Extension Cord for headsets with PL-54 plugs like CW49507, H-16, H-113, HS-23/33; 65" cord has JK-26 jack & PL-55 plug; #CD-307-U, Used, \$5.00

MICROPHONE EXTENSION CORD with PL-68 plug. #CW-49561, Unused, \$15.00

MIC COIL CORD, 1-shielded, 2-wire not; stretches 30"-42". #SH-CC3042, NEW, \$2.50

"EXTRA-STRETCH" PHONE COIL CORD 4 ft to 25 ft extension w/ modular jacks; tan. #T425-MOD, New, \$3.00

SWITCHBOARD CORDS

#PL68-68, black cloth covered cord with early style phenolic PL-68 plugs on each end; 68"L. \$7.50
#G2-SWB-72, grey cloth-covered cord with double 310 plug on each end: 72"L, 2 lbs. \$6.50
#R2-SWB-72, as above except red, \$6.50
#500286-104, red with black cloth covered cord with double 310 plugs on each end; 50"L. \$12.
#500286-106, same as above except 75"L. \$14.00
#WE-338A, dirty light brown dual cloth covered cord w/ double 310 plugs on each end; 17"L. \$8.
#310-56, grey cloth covered cord with 310 plug on each end; 56"L. \$8.00

"Y" CORD

#CD-620F, molded 16"L legs & 6" cord with 2 lugs each end; for HS-30 headset. \$3.00

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HEADSET CUSHIONS

#M-301 4" Chamois cushions for HS-23 or HS-33, \$8 pr
#M-300 Inserts for HS-30, Unused, \$2.95 pr

1/4" Plugs



1/4" STEREO PLUG WITH STRAIN RELIEF, NICKEL. Solder connections. Spring cable guide. #CA022, 2 for \$0.99; 5 for \$1.99

As above except mono, #CA021, 2 / \$0.99; 5 / \$1.99

RIGHT-ANGLE 1/4" STEREO PLUG WITH STRAIN RELIEF, NICKEL. Solder connections. #CA026, 2 for \$1.19; 4 for \$1.99



RCA Connectors



NICKEL-PLATED PHONO RCA PLUG. Spring cable guide. Colored identification ring. Solder connections.

Boot color black, #CA063B, 2 for \$0.99; 5 for \$2.09
Boot color red, #CA063R, 2 for \$0.99; 5 for \$2.09

RCA JACK.

Boot color black, #CA064B, 2 for \$0.99; 5 for \$1.99
Boot color red, #CA064R, 2 for \$0.99; 5 for \$1.99

ART-13 Parts

ART-13 CRYSTAL CALIBRATOR, provides 50 KHz fundamental using 200 KHz crystal. Also 1000 Hz tone for MCW. Tubes 2/12SL7, 12SA7; 6x5x3, 4 lbs sh. #XCAL-ART-13, Used, \$30.00



ART-13 PA Plate meter. #PMTR-ART-13, Used, \$20.

ART-13 Antenna Current meter, no transformer, #AMTR-ART-13, Used, \$20.00

Male connector fits DY-17, #U9, \$35.00

Female connector fits ART-13 power, #U7, \$50.00

Female connector for C-87 control box, #U6, \$25.00

Male control connector for ART-13, #U8, \$25.00

Knobs for ART-13

Antenna loading 0-100, 200-100 #KN1-ART-13, \$10.

Antenna tuning coarse Triangles marked 1-13 ccw. #KN2-ART-13, \$7.50

Antenna tuning fine 100-0, #KN3-ART-13, \$10.00

High Frequency tuning Triangles 2 - 18 mhz, #KN4-ART-13, \$7.50

High Frequency tuning fine 0-99 over 360 degrees. #KN5-ART-13, \$10.00

Small indexing dial from High Frequency tuning and also used on some of the plug-ins.

#D-ART-13, Unused, \$4.00

T-bar locking bar for ART-13 tuning knobs.

#T-ART-13, \$4.00

BC-620 / 659 Accessories



ALIGNMENT ADAPTER for BC-659 transceiver; allows changing of crystals and alignment of the set without the use of an external meter. Mounts inside the BC-659.

2 lbs sh. #M-399 \$5.00

Adapter f/ BC-620, #M-394, \$5.00

ALIGNMENT TOOLS for BC-620/659:

#TL-150 or #TL-207, \$5.00

RIGHT ANGLE, #MC-136, \$4.50

T adapter for MC-124, #MC-203, \$7.50

MC-127 Spin Tuning Knob for spline ARN-6 & BC-229, #MC-127, \$7.50

TA-341 Phone



TA-341/TT TELEPHONE SET push-button 4-wire unit for use with tactical switches using four C-cell batteries; usable in conventional point-to-point telephone line (plug may need changed) Range >3.2 km.

Signal out 900-3400 Hz digital tone; 90 V 20 Hz signal in. W/case; 4.5x10.5x10.5, 10 lbs. shipping. #TA-341, Used, \$19.95

TA-954 Phone

TA-954/TT NON-SECURE DIGITAL VOICE TERMINAL used in Tri-Tac comm-system; 4-wire set xmits and receives diphas-modulated digital voice & loop signaling info at 16K or 32K bits.

125 ohm line impedance 125 ohms; range 4 km using WF-16 field wire (no stock). Requires 24-56 VDC. Tone pad characters 0-9, FO-F-I-P-R-O-C; also Volume L-H Ring - Receive & H-350 handset. Plastic case EMI/ EMC static protected. 7.3x4.5x10, 8lb. #TA-954-U, Used-reparable, \$50.00
#TA-954-UN, Unused, \$89.50



TA-312 Field Phone



TA-312 FIELD TELEPHONE rugged light-weight unit replaces famous EE-8 field phone and is usable with them. Includes G-42 crank generator, B23 clacker call signaler, H-60 hand-

set, and canvas carrying bag w/ strap. Requires 2 D-cell batteries (not supplied.) 12x7x4, 12 lbs. #TA-312, USED-CHECKED, \$95.00
Manual for TA-312, partial repro, #MM-TA-312,\$8.50

TA-838 Field Phone

TA-838/PT MILITARY FIELD TELEPHONE has push-button numeric tone pad and is designed for 2- or 4-wire communications; replaces old EE-8 and TA-43/312 field phones. Ringing signal audible only in 4-wire hook-up. TA-838 also operates over standard telephone lines but won't ring.

Rugged thermoplastic construction; requires four C-cell batteries. Handset cord has poor insulation. 6x9.8x5, 8 lbs. #TA-838, Used Checked, \$69.50; Ops MANUAL, #MM-TA-838, \$10.00



Field Phone Wire



MX-306A Field Telephone Wire Reel, canvased-covered reel of 1/2 mile (2600 feet) WD-1A/TT twin lead zip cord style black vinyl-covered steel wire. Intended for use with EE-8, TA-43, TA-312 and similar field phones. 10" D x 5"H,


22 lbs sh. #MX-306A, Unused, \$85.00

100 feet of WD-1A wire less spool, #WD-1A-100, \$12
500 feet of WD-1A wire less spool, #WD-1A-500, \$45
1000 feet of WD-1A wire less spool, #WD-1A-1000, \$65
5000 feet of WD-1A wire with spool, #WD-1A-5000, \$175

PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

Velleman Electronic Kits

Kits require insertion and soldering of components! Pictures are shown after assembly.





UNIVERSAL MONO PRE-AMPLIFIER. This kit has been developed as pre-amp for a number of audio applications where there is insufficient input signal. Applications as a microphone pre-amplifier or for level correction. Power supply: 10-30VDC / 10mA. Output impedance: 1Kohm. Adjustable output level: max. 40dB. Frequency range : 20Hz to 20KHz \pm 3dB. Max. input signal : 40mV. PCB dimensions: 1.2" x 1.7". #K1803, \$9.99

UNIVERSAL STEREO PRE-AMPLIFIER. Frequency range 40Hz - 30kHz (-3dB). Maximum input voltage 50mVrms. Adjustable gain 40dB max. Output impedance 1Kohm. Requires 10-30V DC / 5mA. PCB dimensions 1.7" x 2.6". #K2572, \$17.99
Recommended Power Supply Kit, #K1823, \$12.99





AM/FM ANTENNA AMPLIFIER. This amplifier provides 22dB gain wherever you need it. DC power supply directly or via the coax cable. Metal housing included. Gain: 22dB. Power supply: 12V to 15V / 3mA. Input and output impedance: 50 - 75ohm. Frequency range : 10MHz to 150MHz. Note: It is important to put the amplifier as close as possible to the antenna. 3.4" x 1.4" x 0.9". #K2622, \$14.99

7W MONO AUDIO AMPLIFIER. This small amplifier is constructed around the TDA2003 IC, capable of delivering 4Wrms at 4ohms. The IC is completely thermally and short-circuit protected. A conventional direct current can be connected as supply. Music power output : 7W / 4ohm. RMS output: 3.5W / 4ohm or 2W / 8ohm. Total harmonic distortion: 0.05% (1W / 1KHz). Frequency response: 20Hz to 20KHz (-3dB). Signal/noise ratio : 86dB (A weighted). Input sensitivity: 40mV / 150Kohm. Overload and short-circuit protected. Supply voltage: 15VDC (8 to 18VDC possible) / 0.5A. 2.2" x 1.4". #K4001, \$11.95



2 X 30W AUDIO POWER AMPLIFIER. This small amplifier is constructed with the TDA1521 IC, with a maximum supply capability of 2 x 15Wrms (4ohm) of 2 x 10Wrms (8ohm). The IC is thermally and short-circuit protected. Additional rectifier and smoothing filter are unnecessary, as alternating current can be directly connected to the unit. See our website for further specifications. 2.8" x 2.0". #K4003, \$35.00

TELEPHONE AMPLIFIER. This telephone amplifier may be used as a free-standing amplifier with speaker, e.g. to listen to a telephone conversation, or the output may be connected to an amplifier or mixing panel (e.g. radio stations). Input - isolation transformer interface. Speaker output 0.5W / 8ohm. Line output 0dB (0.775Vrms). Requires 7 - 9V AC or 9 - 12V DC / 150mA. PCB dimensions : 2.5" x 2.1". #K4900, \$14.95
Recommended housing, #G416, \$6.26

SIGNAL TRACER/INJECTOR. This signal tracer /injector has been designed to inject or detect a specific signal into an audio circuit in need of repair (such as amplifiers, radios, tone controls, ...) so as to detect the fault. In this way problems can be traced more easily. The signal tracer may also be used as a simple monitor or amplifier. Independent injector/tracer. Injector - 0-2.5Vrms output (adjustable), output impedance: 1.5Kohm, frequency: \pm 1KHz. Tracer - 3.5mV to 10Vrms sensitivity (adjustable), gain: 40dB, input impedance: 50Kohm. Output power: 0.5W / 8ohm. Power supply: 7-9VAC or 9-12VDC / 150mA. PCB dimensions: 2.4"x2.1". #K7000, \$19.95

VOLTAGE DETECTOR this device locates house wiring within walls and traces wire to find a break. A flashing LED indicates when voltage is present. The flashing speed indicates how close the wire is, approx 3.9 inches maximum. For audio indication you can add buzzer SV4/12-S. 9V battery (not included). 2.2"x2.5". #K7101, \$12.95
Recommended housing, #G407, \$4.42





DC TO PULSE WIDTH MODULATOR for control for DC motors, lighting, small heaters. Pulse width modulation (PWM) produces a series of pulses whose duration is proportional to a DC voltage. This allows for very efficient control of DC motors and other DC operated devices. Overload and short circuit protected. Input voltage 8 - 35 VDC output current 6.5A. Dimensions: 3.4"x1.9"x1.8". #K8004, \$22.95


MULTIFUNCTION RELAY SWITCH. 15 functions including timers, switching, flashing, interval, random switching, ... Two pre-programmed delays. Learning mode for delays of 2s up to 12 days. Pushbutton control. EEPROM for delay time storage in case of power failure. On-board transient filter for the relay contacts. Suitable for control of incandescent lighting, halogen lighting, fluorescent lighting, fans, valves, buzzers, ... Requires 9-12VAC or 12VDC. Max. load : 2.5A (275W / 110V). 3.4"x1.5"x1.0". #K8015, \$22.50
Recommended housing, #G410, \$4.46



10-CHANNEL, 2-WIRE REMOTE CONTROL. Control 10 devices using only 2 wires up to 55 yards apart. Microprocessor controlled. Inputs can be push-buttons, switches or open collector outputs. The receiver section provides 10 open collector outputs that control relays directly. Terminal block connectors for all input and output connections. All outputs are provided with LED indication. Can be used with: K6711, K8000RS, K8006, or relay cards: K6714, K6714-16. 10 open collector outputs : 50V / 100mA. Requires single 12-15V AC or DC, 300mA. Dimensions: control pcb : 2.7" x 2.0" x 0.6"; receiver pcb: 4"x2"x1". #K8023, \$39.95





3 WATT MONO AMPLIFIER. Small but powerful amplifier suits a wide range of applications such as: microphone amp, for doorbells, intercom, sound effects, earphones, radio receivers, PC sound card, musical instrument, etc.. 3 Watt RMS. Freq range: 50Hz - 20KHz. Gain: 32DB (40X). Short circuit & thermal protection. Requires 6 - 15VDC. Current consumption 500ma max. 1.6"x1.9". #K8066, \$14.90

SIGNAL GENERATOR. Signal output: sine wave, triangle, square wave and integrator (selectable through jumper). Signal frequency: about 1KHz (fixed). Output level: adjustable from 0 to 100mVrms (LEVEL potentiometer). Requires 9V battery (not incl.). 2.2"x1.6". #MK105, New, \$9.95

WATER ALARM. Gives alarm sound when water is detected. Incorporated alarm buzzer. Water sensor can be placed at a distance by cutting the board and using wires to connect the sensor. Requires 9V battery (not incl.). 1.8"x2.8". #MK108, \$7.95

INTERVAL TIMER. For intermittent operation of circuits and equipment. Blinking light, video/photo single frame shooting, slide projector control, miniature models. 3A/24V output relay with dry switch-over contact. Pulse time adjustable: between 0.5 and 5 sec. Pause time adjustable: between 2.5 and 60 sec. Power supply: 12Vdc / 100mA. 1.6"x3.4". #MK111, \$9.95


IR LIGHT BARRIER. Applications: announce visitors, warn against burglars, set boundaries, for science projects, ... Audible (85dB) and visible (LED) alert. Range 3.3ft to 13ft. On/off switch provided. Requires - Transmitter: 9V DC / 50mA max; Receiver: 9V DC / 20mA max. 9V battery holder and adapter jack included. Transmitter: 2.2" x 1.6". Receiver : 3.9" x 2.0". Not for outdoor use. #MK120, \$12.95




RUNNING MICROBUG. Attractive bright colored bug-shaped miniature robot. The microbug is always hungry for light, it drives towards it! Two open chassis sub-miniature motors. Adjustable light-sensitivity suits almost any light condition and allows to control it's 'bug-like' behavior. LED 'eyes' indicate driving direction. Stops in total darkness. Requires 2 x 1.5V AAA batteries (not incl.). 4.0" x 2.4". #MK127, \$15.95




QUIZ TABLE. Up to four players can compete. LED indicates first button pushed. Quizmaster 'RESET' -button with 'button pushed'-indication. Two units can be daisy-chained for eight-player-fun! With on-off switch. Requires 9V battery (not included). 4.3" x 3.1" x 1.1". #MK133, \$9.99



CLAP ON/OFF SWITCH. Operate your lighting with a simple hand-clap. Ideal for disabled or elderly people. Good immunity against surrounding noises. '1-clap' or '2-clap'-mode selection. '2-clap'-mode features built-in safety turn-off timer (5h approx.). Output relay 'pulse' or 'toggle' selection. Microprocessor controlled. Output relay with LED-indicator. Requires 12V DC / 150mA. With DC adapter socket. 3.1" x 2.9" x 0.9". #MK139, New, \$19.95

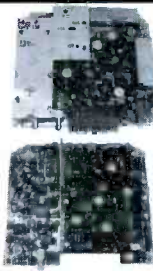


DUAL SUPER BRIGHT FLASHING RED LIGHTS. Two super bright red LEDs. Powerful flash effect for emergencies, warning signs, as eye-catcher, 'alarm-active' - simulation, etc. 'Auto turn-on at dark' - mode with adjustable sensitivity. On/off switch. Requires 9V battery (not included) (12V possible). 2.2"x1.3"x1.6". #MK148, \$7.95



MANY MORE KITS AVAILABLE AT fairradio.com/kits.htm

ARC-187 Cards



ARC-187 Receiver RF/Modulator circuit cards removed from ARC187 for some TCTO. These two circuit boards were the heart of the transceiver. No schematics or hookup info. Mostly discrete components with some surface mount. More pictures at www.fairradio.com/arc187.htm Each board is 4.5x4.2x0.8, 2 lbs sh. #CB-ARC-187, Used good condition, \$30. both circuit cards.

RF Amp. / Preselector

Harris RF301/GRC-165 2-15 Mhz RF Amplifier/Preselector section contains V1 6DC6, V2 12BY7 which provide tuned grid/tuned plate amplification for the RF receive amplifier and the transmit driver. Band switch does not have detents, 14 1 mhz bands. 1/IERC 6025 and 1/IERC 5020. Power required 200 VDC, -36 Vdc and 6.3 vac. An excellent basis for QRP set or experimentation. 6.3x6.5x6.7, 5 lbs sh. With schematic and info. #RFA-165, \$19.95; 2 for \$35



5 MHz Standard



FREQUENCY STANDARD MODULE from R-1051* and RT-618* radios; usable as replacement or adapt to other need where standard is required. Crystal oven with 5 MHz crystal provides 5 MHz sinewave output (approx 1.8V) plus possible non-sine outputs dual 500 KHz, 1 &

10 MHz. Designed stability: 1 part in 10 / day. Requires 18-24 VDC input. 4.4x3x4.5, 2 lbs. used crystal only is checked, other outputs may need repair, #6625-078-4718, \$20.00 w/ schematic

455 KHz BFO

PERMEABILITY-TUNED 455 KHz BFO COIL from R-392 receiver.

Originally used with 5-55 pf variable capacitor but fixed cap may be substituted. Oscillation without parallel capacitor: 452-480 KHz. Good basis for BFO for any receiver with 450-465 KHz IF; w/ schematic. 3.3"Lx 1.5" dia, 1 lb. #BFO-T602/R392, USED, \$14.95



RF Exciter



RF EXCITER MODULE from 1980's HF transceiver; mixes 500 KHz USB signal with synthesized frequency to produce and amplify modulated RF.

Synthesizer (not available) supplied 74.5/75.5 (LSB/USB) and 77-105 Mhz depending on desired output frequency; RF output is low level. Requires +5, +12, -12, +28 VDC; with pinout. 1x7.8 x3.3, 2 lbs. #RF-EXC-1512, unused, no info, \$25.

RF-550 Modules

Harris RF-550 HF receiver & RF-131 exciter modules ; 4.1x2.1 x5.9, 2 lbs sh. USED, not tested:

#A2A8/RF550 High Band Phase Lock Loop. \$33.00

#A2A14/RF550 Low Band Phase Lock Loop, \$32.95
SCHEMATIC packets, #SCH-(specify #), \$7.50 ea w/module purchase.



ARC-5 Parts

SCR-274/ARC-5 COMMAND SET replacement parts:

#7277 6-9.1 MC 1st IF, \$5.00
#7279 " " 3rd IF, \$5.00
#5856 " " oscillator \$5.00
#6234 " " RF sect. \$9.00
#7249 5.3-7 MC BC-458/T-21 xmitter PA coil, used \$6
#6032 6-9.1 MC BC-459/T-22 xmitter oscillator coil \$4

PRC-70 Front Panel



Frequency selector assembly module from the PRC-70 transceiver. 2.7x9x3.9, 4 lbs sh., #FS-PRC-70,

Reconditioned, \$125.00

Infrared Device

INFRARED RECEIVER/DEMULATOR as used in televisions and VCRs for remote control; has infrared detector and an IC for signal processing. Requires 5 VDC; 0.7x0.6x0.6, 1 lb sh.



#IFRD-TV, Unused, \$1.95 each; 7 for \$10.00

135 MHz Tunable Cavity



118 - 135 Mhz Tunable Cavity. This is a large three section cavity for use in the range 118 to 135 MHz. No specifications available. Those of you who know about cavities could probably modify it for other frequency ranges. This unit has stepper motor and encoder on each section.

Bodine Hysync DC Stepping Motor 23X1BEHD Caltech Corp Bit encoder 8 bit Absolute 33X121. No info on circuit to use these motors, but you can manually tune the cavities or design your own control circuits. 8.3x26.5x42.9, 70 lbs sh. #TC-135, Used excellent condition, \$100.00

900-1100 MHz Cavity



TRANSMITTER TRIPLER / PRESELECTION CAVITY MODULE from TACAN system in 900-1100 MHz range. Consists of preselector and four silver-plated cavities originally gang-tuned using ball-

chain drive (not available) 10x7.5x2, 7 lbs sh. #4-CAV-93, used, \$49.50

Triplexer

TRIPLEXER from cellular application by Fuji Electrochemical Co. #EF-T02, Frequencies are as follows -

Transmit: 835MHz, Receive: 880MHz, Lo: 784.36MHz. Has female push-on SMA connections for Transmit, Receive, and Lo and a female TNC connection for Antenna. Cast aluminum housing with a removable cover. o/a 4.3x1.5x0.8, 2 lbs sh. Appears to be unused, #EF-T02, \$4.00



850-895 MHz Modules

Modules from digital air to ground phone system. Receive frequency was approx 850 MHz and transmit 895 MHz. Removed from equipment-Excellent:



DITCOM MICROWAVE DF-2575 CIRCULATOR for 850-895 Mhz; 500 watts CW max, 3 KW peak. Isolation 20 DB min; insertion loss 0.3 db max. VSWR 1.25:1. Two SMA, one N conn; 1.4x1.7x1.3, 1 lb. #DF-2575, \$15.00

FERROCOM 9K15-S CIRCULATOR, 840-900 MHz; T-shape SMA-N-SMA conn. No further info; 1.9x1.9x1. #9K15-S, \$14.95

MILCOM 2-WAY COMBINER for 800 MHz, 2- SMA female & 1- male connections; 1.8x2.8x2, 2 lbs. #240-089, \$19.95



800-900 MHz Modules

MODULES & COMPONENTS from airline phone system operating in the 800 to 900 MHz range:



#IFPC COMMON module has two receiver input and two transmitter output sections. Has parts two each Motorola filter 0850E05140 and 0895E05141,

M/A- COM 7N526-6016 circulator in one section. Also 47.5 MHz local oscillator, 5 MHz piezo osc and IC's N80C169KB 16 MHz CPU, 27C256-20 32Kx8 EPROM, 3/84256-10L 256Kx4 RAM & related IC's. Requires +28, +12, -12 V; 11x6.5x3.2, 7 lbs sh. #IFPC, \$20.00

#IFPC-T/R MODULE, stripline receiver RF/IF and low power xmitter boards plus oscillator/AGC board each in separate cavities. Components S80C652-1 MPU, 2/84256A-10 RAM, 27C256JL EPROM, two Sony 20102A D/A CONV, etc. Requires +12, -12 +5 VDC; 11x6.5x1.5, 5 lb. #IFPC-T/R, \$15.00

#AFF-PS MODULE, powered both above modules; has switching supplies Calex #24S12 (24 VDC in to 12 VDC 1.7 A out) and #12S5 (12 VDC in to 5 V 400 MA out); two RO Assoc 220-400 VDC input uVERTERS with one 28 VDC 10 A out and other 12 VDC 10 A out; and Vicor DC-DC Converter 250 VDC 35 W in to 5 VDC 25 W out. Also flat heatsinks, capacitors, etc. 11x6.5x3.3, 7 lb. #AFF-PS, \$10.00

Microwave Bricks



Microwave PLL Oscillators, used good condition. Shipping weight is 3 lbs.

CTI #5328-2, 4800-5300MHz, \$59.50
CTI #P13100, 1042.5MHz, \$49.50

KarKar #PLC33-05, 5925-6355MHz, \$59.50
FreqWest #MS-540XELT-147, 6140-6355MHz, \$59.50
CTI #A1419, 12.859-13.385MHz, \$79.50

Wavemeters

p/o AM-1956/ GRC-50 Rx/Tx 1350.5-1849.5 MHz FM oscillators; cal book for tuning CHN #, MAIN TUNE, OUT FREQ, & REC OSC. BNC connections; 3x3x9, 5 lbs sh. #WAVE-1956, Used, \$17.95

1700-2600 MHz WAVEMETER, 20-turn vernier tunes in increments of 1. BNC connections; 1N21 diode output. On 3.5"W bracket; o/a 4.8"Hx2", 2 lbs sh. #SMD-302123, used, \$24.95

Bird Power Monitor

BIRD 4162D RF POWER MONITOR, rated 220-405 MHz 40 W. Measures incident and reflected power; VSWR 1.1:1 max. Usable over 145-500 MHz. Output 100 uA @ 5K ohm. RF connectors; output C, input BNC. DB-9 for DC outputs. 1.8x4x1, 1 lb sh. #4162D, NEW, \$19.95



MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

SWR Indicator Circuit



STANDING-WAVE RATIO INDICATOR CIRCUIT, assemble a SWR meter using this 1.8" square 0-10 scale (FS=2 ma)

meter with filters, rectifiers & modified Schering bridge. One pair of bridge arms is resistive, the other capacitive. Circuit is balanced when antenna is tuned to 52 ohms resistive resulting in "0" reading on meter. Bridge: 2.5x 2.3x1, 2 lbs sh. #M701/CU-991, Used, w/info, \$8.95

SWR / Discriminator pull out from AM-3349/GRC-106 Amplifier which covers 2-30 MHz at 200 Watt AM and 400 Watt PEP. Has two R/A mini BNC connections and a 15 pin DB connector with 15 pin mating connector. 3.2x2.6x2.2, 2 lb. w/ schematic. #SWR-3349, \$10.00



SWR BOARD for HyGain radio; no further info. #PTSR006AOX, \$1.00

QRP Circuit Boards

SHORT-WAVE CW EXCITER/ TRANSMITTER by Ryan Communications; tiny 2"x4" high quality circuit boards



cover active segments of ham radio low band frequencies @ 1.25 W CCS from 12 VDC power input into 50 ohms resistive. Output increases from 0.75 W-2.5 W as input varied from 10-16 VDC. RF Harmonics > 30 DB. Has 2N3019 power amp transistor and double Pi-net. Provision for HC-6 -33 xtal; norm-open contact-closure required for output. #SW-2, 1.8-2.0 MHz, \$32; #SW-4, 3.5-4 MHz, \$26; #SW-7, 7-7.5 MHz, \$22; #SW-10, 10-10.6MHz, \$22; #SW-14, 14-14.7MHz, \$22; #SW-18, 18-18.9MHz, \$25; #SW-21, 21-21.9MHz, \$29

Noise Activated Switch



NOISE-ACTIVATED SWITCH with sensitivity adjust and mic; 6 VDC input, 2"x2". #54-91, \$1.25 ea

S-Line Mechanical Filter

Circuit Board with #526-9310-009 mechanical filter model F455Q3. This "Y" style filter will fit S-Line equipment. 100K ohm in/out impedance. 3.5dB bw is 18kc, 70dB bw is 70kc. IF frequency of the filter is 455KHz. The circuit board also has two 5636 sub-mini tubes and various resistors and capacitors. No further info on circuit board. 3.9x3.5x0.8, 2 lbs sh. #CB-MECH, Used, \$15.00 each



Directional Coupler



Rockwell Directional Coupler for the AN/GRC-171B 20 watt, 200-400 MHz transceiver. SMA connector for RF input. RF output uses BNC connector. NOS# 5985-00-588-5285, 4.8 x 1.3 x 1.3, 1 lbs sh. #ROCK-DIR, \$25.00

225-400 MHz **DIRECTIONAL POWER DETECTOR** used in AM-6155 UHF power amplifier. Rated 65 watts forward; 15 watts reversed.



Forward/ reversed DC output proportional to output/mismatch; sub-mini connectors provided. "N" RF connections; 4.5x1x1.3, 1#. Coaxial Dynamics #3023, Used, \$18.00

VHF Doubler Module



A9 5820-00-411-1472 **VHF DOUBLER BUFFER MODULE 116 - 150 MHz** Circuit consists of doubler, buffer and level/gain control. transistors are 2N4072 doubler, 2N5109 buffer, 2N2222 gain control amp. Power required +20 VDC. W/schematic. 6.75 x 3.75 x 1.5 overall 2 lbs sh. #Doub21-1472, \$12.95

TRANSISTORIZED CRYSTAL OSCILLATOR and BUFFER, 56 to 99 Mhz with 75 °C temperature controlled oven.



Requires 5th overtone HC-6 (20 pf) crystal (not supplied). Has external oscillator input plus tuning meter & oven output. Requires 12-18 VDC regulated for oscillator; 22-39 VDC 1 amp for heater. W/BNC and SMA RF connections; DEC-9P plug for power. Part of GRT-21/22 xmitters. 6.5x2x3.3, 3 lbs sh. #OSC-8004290G1, used with Schematic, \$9.95

Carrier Monitor



Unit is used for remote check of xmitter operation. Good parts including 600 VDC 35 ma transformer; tubes 0A2, 6AL5, 6J6, 6X4; 600:600 ohm AF xformer, DPDT & SPST toggle switches two 49 pf trimmer caps, etc. LESS 3 pf 15 KV vacuum caps 6x8.5x6.3, 12 lbs. #CAR-MON-87, unused, \$7.00

As above but w/ vacuum caps, #CAR-MON/VC, \$15

Cubic R3030 IF Section

FIRST IF SECTION CUBIC FRONT END CONVERTER AMPLIFIER FROM CUBIC R3030 HF RECEIVER.



This module was the first gain and first conversion module in this premium receiver. First conversion used LO 40.455 - 70.455 Mhz, and second conversion used fixed LO of 40.455 Mhz to produce the IF output of 455 KHz. These oscillator signals came from another module which is not available. This module has the factory seals on it and is in excellent condition. 4.2x8.1x1, 3 lbs sh. #2140-1102, \$70.00

RT-524 Front Panel



Front Panel only for RT-524A radio. #RT-524-FP, Unused, \$30.00

GPS Board

ROCKWELL SINGLE BOARD GPS. This very small board is a self contained GPS Receiver Rockwell "Jupiter" GPS Receiver.



Operates from 5 VDC with either an active or passive GPS antenna. 10KHZ output. NMEA output. There is a lot of info on the internet as well as data on part number TU30-D140. Removed from equipment. 2 lbs sh., #GPSTU30-D140, \$69.50

For further information go to: www.gpskit.nl/documents/rockwell/jupiter-gps-board.pdf

Collins Modules

Speech Processing Modulator for the SSB ARC-38A transceiver with two each F250Z4 Collins mechanical filters 926-9130-921. Center freq 251.8khz. Contains microphone amplifier and speech clipper circuits, balanced modulator for USB operation. With tubes 5896, 6021, 2/5840, & 6112. 3 lbs sh. #SPM-ARC38, Used, \$34.95

1 Mhz James Knights Modulator Crystal Oscillator plug in module. Output drives locked divider tubes to produce 500khz, 250khz, 100khz. Crystal oscillator module requires 28 VDC. 250 VDC and filament voltages also required for divider circuits. With tubes 5/6021, & 5636. With schematic. 3 lbs sh. #MCO-ARC38, Used, \$19.95.

Collins 250 KHz IF assembly from ARC-38 transceiver. Has mechanical filters. F250A65 and F250Z4. Two 250Khz IF transformers. Tubes 5814, 3/5749, 5726. 3 lbs sh. #IF-ARC38, Used, \$29.95

250Khz Crystal Oscillator w/oven. 2/5749 tubes. #CO-250, Used, \$8.95



500Khz Crystal oscillator w/oven. With tubes 5654 & 5814. #CO-500, Used, 14.95



618S 250Khz IF Amplifier F250A67 250 khz mechanical filter 2/5726, 3/5749 3 lbs sh. #IFA-618S, Used, \$16.00

Discriminator

PHASE & LOAD DISCRIMINATOR determines if load is <, >, or = to 52 ohms; also if R, C, or L. 3rd output relative to antenna current; w/schematic. 2x3 x3, 2 lbs. #T201/180L, \$9.00



Military Speakers / Amps

4" Speaker, ruggedized 8 ohm 2w perm. magnet type; 300-7khz resp. p/o of LS-166; 3 lbs. #LS-445, Used \$7.95



AM-6747/V Amplified Speaker for monitoring audio of R-442, RT-246/ 524 radios from remote location. Connection for H-189 or H-250 handset to allow remote keying of transmitter. Requires 28 VDC; can be modified for 12 VDC. Similar to AM4979; 5.6x5x3 + 2" top bolt; 6 lbs. #AM-6747, Unused, \$45.

AM-4979/GRC, similar to AM-6747 but has 6 ft cord with U-229 plug. #AM-4979, Used need work, \$15.00

Terminal Set Control

C-7827/VCC Terminal Set Control allows switching for simplex, single channel duplex, or multichannel duplex of VCC or MRC-110/PRC-25/77. 4.7x10.5x2.7, 8 lbs sh. #C-7827, Used, \$35.00



Interconnect Box

J-4024 INTERCONNECTION BOX, The J-4024/U is the interface between the TSEC/KG-84A and teletypewriter sets in GRC-106 communications shelters. Controls for transmitter 1 or 2, Receiver 1 or 2, power. Connections for teletypes and red transmitter/receiver, DLED. 15x8.1x8.1, 32 lbs sh., #J-4024, Used, \$39.95



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Control Boxes



C-375 Control box for radio sets GRC-3--8 or VRC-8--10. Unit is a remote junction point and switching unit for the control and audio lines to two sets. 3.2 x 6.8 x 7, 6lb, #C-375, Unused, \$22.00

C-2298/VRC Intercommunications Control used in RT-524/VRC installations with AM-1780 amp; monitors three radios A-B-C. Volume control and two connections for U-229, 5.8x4.5x3.3, 4 lbs. #C-2298-U, Used, \$22.00



VRC Control Box - similar to C-2298. 3.5x6x4.5, 5 lbs. #C-10456, Used, \$35.00

C-2742 VRC Remote Control Box works with the RT-246. 3.3x6x4, 4 lbs. #C-2742, Used, \$25.00



LOCAL CONTROL p/o GRA-6, #C-434, Used, \$29. CONTROL for duplex GRC-3--8; #C-435, Used, \$19.00



C-87/ART-13 Control Box for ART-13 transmitter. Has 11-position CHANNEL selector, OFF-VOICE-CW-MCW select, PTT button and IC jack. 3.5x6.3 x3.3, 3 lbs. #C-87, UNUSED, \$30.00

SB-327/ARC CHANNEL SELECTOR 24-51.9 MHz FM in 100 KHz steps on 3-digit counter; used with RT-294/ARC-44 Tx-Rx.



3x5.8 x4.5, 3 lbs sh. #SB-327, used, \$30.00

SWITCH BOX, #SA-474, \$10.00



BC-631 Remote Control Box for the SCR-522 radio set. #BC-631, Unused, \$10.00

BC-1366 JACK BOX, switch "Comp-Laison-Command-Inter-Call", Increase Output pot, 2 phone jacks. 3.3x4.8x3, 2 lb, #BC-1366, Used, \$9.95



RM-52 REMOTE CONTROL for radio and intercom set. Has transformer, mic & phone jacks. Source for "Macy's Phone Patch" project. 7.3x3.5x5, 5 lbs. #RM-52, Used, \$4.00

GRA-39 Control

C-2329 Local Control from the GRA-39 control group. Has a mic amplifier gain of 55 db and a microphone preamplifier output of 5 mw. 8.8x8.9x4, 12 lbs sh. #C-2329, Used, \$34.95



Handset, #H-250, used checked, \$18.00

GRA-39 Manual Repro, #MM-GRA-39, \$15.00

ARB Control Box

ARB Operators Control Box for use with the WW2 ARB receiver. 5.7x4.2x3, 4 lbs sh., #CRV-23256, Unused, \$35.00



Hardware

HARDWARE ASSORTMENT of washers, screws, nuts, rivets, terminals; 2 lbs sh. #HWA-2, \$2.00



DUAL BINDING POST RED/BLACK. For standard banana plugs. Distance between connectors is 0.79". Drill hole is 0.15" (x2). 1.5" x 1.3". #CM14R, New, \$1.29; 3 for \$3.49

As above but gold plated contacts. #CM15R, \$1.99; 2 for \$3.79

BINDING POST for Banana plug. Length is 1.7". Drill hole is 0.3". Black color, New, #CM3B, 2 for \$0.99; 5 for \$1.99



BANANA PLUG SCREW CONNECTION. Solder connections. Length is 1.7". New.

Black color, #CM9B, 5 for \$1.00; 10 for \$1.79

Red color, #CM9R, 5 for \$1.00; 10 for \$1.79

As above but gold plated. Black color, #CM10B, 3 for \$0.99; 7 for \$1.99

Red color, #CM10R, 3 for \$0.99; 7 for \$1.99

HEX SPACERS

male-female thread or female-female (f-f) : #HEX-(thread)-(length)

Length	per 20	per 100
4-40 threads 1/4" dia metal		
0.75"	\$4.25	\$12.50
1.375	\$5.50	17.00
6-32 threads 1/4" dia metal		
0.375	\$3.00	\$10.00
0.625	\$3.50	12.00
0.75	\$3.75	12.50
1.5 (f-f)	\$4.25	14.50
1/4"-28 threads 7/8" dia:		
2.87	4/\$3.50	20/\$14

TERMINAL STRIP with 28 silver-plated 0.8"Hx0.4" dia spring push-down binding posts on 15.3x3.9 x0.4" thick black phenolic board. Phenolic may have minor chips; 4 lbs sh. #TM-184-PT, Used, \$20

Older version of above with 0.6" dia white-brass screw-down terminals, #TM-184-ST, used, \$22.00

AUGAT single 8-terminal PC mount: 2"Lx0.6"W: #4PCV-08, 10/\$7.50

VARIABLE TERMINAL STRIPS, pairs removable to decrease or increase length. #GE-V12-TERM, 12 terminal pair 1.3Hx8.3Lx2"W, \$2.50 #BUC-V8-TERM, 8 terminal pairs 1.3"Hx3.9"Lx1.1"W, \$2

SHOCK MOUNTS you bolt to equipment.



STYLES:		A	B	C
#SM-4A,	4 #,	\$45	#SM-6A,	6#, \$50
-9A,	9#,	\$60	-12A,	12#, \$75
-12B,	12#	\$85	-15B,	15#, \$1.00
			-50C,	50# \$1.50

Various Books



THORDARDSON TRANSFORMER MANUAL, Great for transformer reference, tube amp schematics and tube radio repair secrets. Full of info on schematics, parts lists, performance specs, etc on big push-pull audio amplifiers, modulators, microphone preamps, power supplies and almost any type of electronic gear that used transformers and chokes. 144 pp; #BK-THOR, \$11.95

Secrets of Building Lightning Bolt Generators - Walt Noon will explain the experiments he has run, the problems, the solutions, how to build low cost generators from parts on hand. In addition, build simple static machines, van de Graff generator, dirod generator, Pogeendorff corona motor and much more. 91 pp #BK-SCRT, \$8.95



MANUFACTURE OF WIRELESS COMPONENTS, Contains a series of articles showing how wireless components were fabricated with simple machine tools just after WWI. There are articles on making radio parts, jigs and fixtures, fabrication of honeycomb coils, manufacturing of moulded electrical and wireless parts, and more. 64 pp, #BK-MFG, \$6.95

A THOUSAND AND ONE FORMULAS. Back in 1920 people were hot to set up their own laboratories and invent something and become rich. Experimenter Publishing Company published books and magazines to wet their appetite. They reprinted the best information from the magazines in this book. Get formulas on cements and glues, metal-craft, photography, chemical lab hints, mechanical lab hints, electrical lab hints, and many more. Fun and interesting read. 160 pp. #BK-1001, \$9.95



SIMPLE SCIENTIFIC EXPERIMENTS. Describes 46 instructive experiments in electricity, magnetism, hydraulics, hydrostatics, light and acoustics. From a century ago. Build a model hydraulic ram, acoustic fountain, flour explosive, manufacture of gas, static electric motor, cheap x-ray tube, electromagnet-gun, pea suspended in air, HF currents, decomposition of steam with induction coil, fiery or flaming vortex ring, thermo-electric currents and more. Simple, fun experiments. 69 pp #BK-SIMP, \$8.95

New 3rd Edition Pocket Reference. Over 750 pages of information for engineers, do-it-yourselfers, travelers, teachers, & students. Example of contents: Air & Gases, Automotive, Carpentry & Construction, Chemistry, Physics & Math, Electronics, Electrical Wire, Motors & Frames, Science & Geology, Hardware & Tools, Plumbing & Pipe, Weights & Property of Materials, Welding, Over 3500 Conversion Factors, and MUCH more!! 3.2"W x 5.4" H, #BK-POCKET, New, \$12.95



TELEPHONES & MICROPHONES. You get details on building simple telephones. And that in itself is an interesting little experiment in electricity, metal working, and woodworking. Also, get the details of building carbon mics, and magnetic earphones. You get details on wiring them up into working telephone system with batteries, bells, ringing key, induction coil and more. If you're looking for a science project or want to build your own radio equipment, or even build a replica of an early telephone. 80 pages. #BK-TELE, \$7.95

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Old Radio Books

RADIO FOR THE MILLIONS, From the pages of World War II vintage issues of Popular Science Magazine came this reprint of well-illustrated electronics articles on everything from phonographs and shortwave radios to cabinet design and radio servicing. Everyone of the dozens of articles are illustrated with sharp photographs, schematic diagrams, and parts lists. 192 pp #BK-MILL, \$11.95

IMPOVERISHED RADIO EXPERIMENTER VOLUME 1, Contains tricks, tips, and secrets to help the builder of simple radios and electrical gear achieve high performance at minimal cost. Also: vacuum tube substitutions; inexpensive tube power supplies; grid leak detectors; regenerative receivers and more. 48 pp; #BK-IMP-1, \$5.95

IMPOVERISHED RADIO EXPERIMENTER VOLUME 2. Contains information on building a grid dip oscillator, a shortwave converter, a slow motion dial drive, space-wound coils and more. 48 pp #BK-IMP-2, \$5.95

IMPOVERISHED RADIO EXPERIMENTER VOLUME 3. Contains information on building an impedance bridge, a one-tube SW receiver, a headphone amplifier, old-time radio cases and more. 48 pp #BK-IMP-3, \$6.95

IMPOVERISHED RADIO EXPERIMENTER VOLUME 4. Contains info on building a TRF regenerative receiver, a one-tube crystal converter, a versatile power supply, a slide rule dial and more. 48 pp #BK-IMP-4, \$6.95

IMPOVERISHED RADIO EXPERIMENTER VOLUME 5. Contains info on building a superhet receiver, a coil winding machine, a simple alignment oscillator, IF transformer and more. 48 pp #BK-IMP-5, \$6.95

OFFICIAL 1934 SHORT WAVE RADIO MANUAL, Build simple, high performance old time shortwave radios! All of the secrets are here: the circuit diagrams, parts layout, coil specifications, construction details, operation hints, and much more. This is a compilation of construction articles from "Short Wave Craft" magazine. 260 pp, #BK-1934, \$15.95

1935 Official Short Wave Radio Manual. The most important developments in short-wave transmitter and receivers are covered in this new edition of the manual. Contains wiring diagrams and the values of the various condensers, resistors, etc., of all the principal short-wave receivers. Plenty of articles on small receivers and transmitters which can be built at a small cost. 240 pp, #BK-1935, \$18.95

CRYSTAL RECEIVING SETS, How-to guide on building crystal sets and their components. Chapters include a simple and efficient receiving set, a single slider set, set with semicircular tuner, crystal set with tapped single coil, a loose-coupled set, set with plug-in basket coils, combined crystal and valve (vacuum tube) receiver, some miniature receiving sets, crystal circuits, how crystals work, making a buzzer, receiving CW signals on a crystal set, making a wavemeter from a crystal set, converting low-resistance phones, and the morse code. 125 pp #BK-CRY, \$10.95

AMATEUR RADIO BEGINNERS GUIDE, Learn how to build a regenerative receiver and a crystal controlled breadboard cw transmitter that will allow you to talk to people all over the world. Chapters include: introduction to amateur radio, learning the code, receiver theory and construction, crystal oscillator transmitter, two-stage transmitter, three-stage transmitter, construction of modulator for three-stage transmitter, and reference. 155 pp #BK-AMA, \$9.95

SECRET - US AIRBORNE RADAR SETS Nov 1, 1944. Covers basic information about the early radars that won WWII. Covers frequencies used, aircraft installed in, type of power output tube, various components of system. No pictures, sorry. A reprint by Sam Hevener, a well known WWII aficionado. 11X8.5, 176 pgs, #BK-1944, \$19

U.S. Armor and Communications, Reprint of info on various radio equipment and accessories used by the U.S. military during the 1970's. Used at Army Armor school Ft. Knox. 200+ pages. Tape bound. #BK-ARM, \$14.00

VACUUM TUBE REGENERATIVE RECEIVER. Build your first regenerative receiver. You'll see where the parts come from, how they're chosen, and how they're made to work together. This will be a real working receiver that was built from salvaged material on hand. Tube regen receiver are easy-to-build and very low-cost. 128 pp. Includes directions & schematics. #BK-REGEN, \$9.95

BUILD A UNIVERSAL COIL WINDING MACHINE. Shows how to build a coil winder like those available in electronics catalogs years ago from common, easily-obtained materials. This amazing machine will professionally wind universal and honeycomb coils, single layer and multilayer solenoids, close-wound and space wound coils, and even pi-spaced coils such as used for RF chokes and transformers. Loaded with illustrations, dimensions, and step-by-step text. 24 pp #BK-WIND, \$8.95

Tesla Books

"Tesla: The Lost Inventions", Here are the suppressed inventions of Nikola Tesla. His later inventions, have never been utilized as Tesla intended despite their potential for advancing technology of modern civilization. Among these inventions: high-frequency lighting, the magnifying transmitter, a radical high-power radio, and many more. 42 illustrations. #BK-TLOST, List price, \$7.75; Our price, \$6.95

"Tesla Coil", You'll find a wealth of information on one of the best-kept secrets of electric technology, plus all the facts you need to build a Tesla coil on any scale. A well-tuned coil's output is harmless but can perform amazing tasks. Light your home, farm, or ranch at a fraction of the usual cost. Build a powerful radio transmitter. 26 illustrations. #BK-TCOIL, List price, \$7.75; Our price, \$6.95

"Son of Tesla Coil", Can Tesla coils do real work? Can they power an alternative fluorescent lighting? Build a "third generation" Tesla coil. Discover the magic of oil immersion, of close coupling, and of precise pulsing. Learn how to drive a Tesla coil from low-voltage battery power. Build a solid-state pulse generator and a Tesla lighting plant. Can battery-powered Tesla technology aid us in the next big blackout? Will Tesla be the next big step forward in home power? 40 illustrations. #BK-TSON, List price, \$7.75; Our price, \$6.95

"Radio Tesla", The Secret of Tesla's Radio and Wireless Power. This booklet details the radical radio technology of Nikola Tesla. Early elemental wireless devices like Tesla's and many others shown in this booklet are worthy of study because they remind us that powerful radio technologies can be so simple and accessible. Modern radio took a lot from Tesla, but what did it ignore? Also in these pages: grounding rediscovered, the suppression of amateur radio, radio-free energy and much more. 66 illustrations. #BK-TRADIO, List price, \$7.75; Our price, \$6.95

"Tesla: The True Wireless", In Nikola Tesla's own words, this is the inventor's final published statement on how radio, at the radical, really works. He insists that the amount of energy that can be transmitted is "billions of times greater" than conventional radio would allow. Can we transmit electric power to our homes and workplaces without wires? Can the unsightly and fragile grid come down? Tesla says Yes. 21 illustrations. #BK-TTRUE, List price, \$7.75; Our price, \$6.95

Inventions, Researches & Writings of Nikola Tesla - A complete record of all of Tesla's accomplishments upto 1893. Has 4 parts to the book: Polyphase Currents, The Tesla Effects with High Frequency and High Potential Currents, Miscellaneous Inventions and Writings, and Early Phase Motors and the Tesla Oscillators. Rare volume. 496 pp #BK-INV, \$18.95

Double Tesla-Oudin Coil - Five different articles from WWI-era electrical magazines including double Tesla-Oudin Coil, seeing the unseen, high voltage meter, home-made Geisler tubes, and the demolition of Tesla's Radio Tower. 23 page booklet. #BK-DOUB, \$4.95

Electricity at High Pressures & Frequencies - Incredible 1921 edition of 1913 original. Discussion of Tesla, Fessenden, and others. Photos of unusual experiments. 264 pp #BK-HI, \$11.95

TESLA COIL HANDBOOK. You'll learn about 1/4 wave principle, the Ferranti rise, capacitors, power transformers, spark gaps and all the other components of a coil. You'll learn about design parameters and procedures, tuning and operation, sample design, and more. You get plans, specs, wiring diagrams, and a couple of photos of a coil with a 40" x 4" secondary coil capable of throwing 28" sparks. 60 pp #BK-TSL-HDBK, \$14.95

Mag Amp Books

"Magnetic Amplifiers", Magnetic Amplifiers Another Lost Technology by the U.S. Navy (1951), edited by Trinkaus. First came the vacuum tube, then the transistor, right?. Not really. In between there is another lost entity. Electronics engineers of the 1950's believed the rugged little magnetic amplifier was going to replace the fragile vacuum tube in all its functions under a megacycle. The mag amp not only can regulate but can magnify, modulate, switch, pulse-generate, invert, convert, multivibrate, phase shift, and multiply. Modulate your Tesla coil with a mag amp. 43 illustrations.

"Magnetic Amplifiers Bibliography", A supplement to Magnetic Amplifiers. Most of the citations are of patents you can still easily access. There are also citations of scientific and engineering journal articles, of military documents, and of proceedings of the Institutes of Electrical, Electronics and Radio Engineers. Entries range all the way from the year 624 BC to 1951. A must for further research into the lost technology of the magnetic amplifier.

#BK-MAGNETIC, Get BOTH books! List Price, \$15.50; Our price, \$11.95

Military Lists

Copies of mil-references

Radio Lists

#TM11-487A Directory of Old Signal Corps...Radio Equipment, 8/ 1950. 4 pgs missing, 246 pp; \$22.95

#TM11-310 Schematic Diagrams of Signal Corp Ground Radio Equipment 1943-47; 32 selected vehicle & field radios; 228 pp. \$24.95

Vacuum Tube Lists

Vacuum Tube compliments of Signal 10/44; tube line-ups of many vintage military & commercial radios. Also lists by tube # the radios in which tube is used. 192 pages, 3 lbs. #TO-08-1-25, \$19.95

Electron Tubes, Cross Index and Type Identification, Nov '63; comprehensive list of tubes used by the US military; 303 pages, #MIL-HDBK-213A, \$27.50

German Lists

DIRECTORY OF GERMAN RADAR EQUIPMENT (US WAR DEPARTMENT MANUAL, TME 11-219, APRIL 1945) Pictures and drawings of German Radar Equipment to aid the recognition of equipment and components. I suppose this was part of the clean up of war material after the war. Reproduction 68 pages. #TME11-219, \$20.00.

SIGNAL COMMUNICATION EQUIPMENT DIRECTORY GERMAN RADIO COMMUNICATION EQUIPMENT (US WAR DEPARTMENT MANUAL, TME 11-227, JUNE 1944) Each radio has a picture, specifications, and a short comment about each receiver or transmitter. Reproduction 55 pages. #TME11-227, \$20.00

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DESCRIPTIONS - All material offered in this catalog is in "Used-Complete" condition, unless qualified and/ or noted as "Reconditioned", "Unused," or "New." Merchandise is not operationally checked unless specified as "Checked."

Equipment described as "Reparable"--meaning "able to be repaired"-- is electro-mechanically complete, but requires some trouble-shooting by the customer.

DISCLAIMER - Items in this catalog are "used" and/ or "obsolete" equipment which may not conform to current Federal laws governed by the Federal Communications Commission (FCC), the Occupational Safety and Health Agency (OSHA), the Environmental Protection Agency (EPA), and other federal and state governmental agencies.

Many items in this catalog have potential to produce harmful and even lethal electrical voltages. Proper and safe use of any item purchased is the customer's sole responsibility. The customer assumes all liability and holds Fair Radio Sales Co., Inc. harmless for compliance to current and future laws pertaining to the use and possession of equipment purchased, for any personal injury liability arising from improper and unsafe use of purchased equipment, and for any property damage caused directly or indirectly by equipment use.

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Miniature Lamps

Type#	5 pack	10 pack	Type#	5 pack	10 pack
4	\$1.50	\$2.50	388	\$1.50	\$2.50
5ES8	\$1.50	\$2.50	398	\$1.50	\$2.50
6ES	\$1.50	\$2.50	480	\$1.50	\$2.50
7C7 130v	\$1.50	\$2.50	502	\$1.50	\$2.50
10S6/13 230v	\$2	\$3.00	511	\$1.50	\$2.50
10S6/13 250v	\$2	\$3.00	562	\$3.25	\$5.50
12	\$4.50	\$7.00	755	\$1.50	\$2.50
12RC	\$5.50	\$9.00	756	\$1.50	\$2.50
13	\$1.50	\$2.50	757	\$1.50	\$2.50
14	\$1.50	\$2.50	1156	\$1.50	\$2.50
15T6 130v	\$2	\$3.00	1157	\$1.50	\$2.50
15T8C 120v	\$2	\$3.00	1251	\$2.00	\$3.50
24ES	\$1.50	\$2.50	1252	\$2.00	\$3.50
24ESB	\$2.75	\$4.50	1356	\$1.50	\$2.50
24X	\$3.25	\$5.50	1455	\$1.50	\$2.50
24-68M	\$1.50	\$2.50	1814	\$1.50	\$2.50
30 wheat	\$1.50	\$2.50	1816	\$1.50	\$2.50
40S11 130v	\$2	\$3.00	1819	\$1.50	\$2.50
43	\$1.50	\$2.50	1822	\$1.80	\$3.00
LM44	\$1.50	\$2.50	1828	\$1.80	\$3.00
45	\$1.50	\$2.50	1843	\$3.00	\$5.00
46	\$1.50	\$2.50	1886	\$1.50	\$2.50
47	\$2.50	\$4.00	1891	\$1.50	\$2.50
48ESB	\$3.00	\$5.00	1895	\$1.50	\$2.50
48H	\$1.50	\$2.50	2187	\$1.50	\$2.50
50	\$1.50	\$2.50	7341	\$2.75	\$4.50
57	\$1.50	\$2.50	7349	\$2.00	\$3.50
81 \$3.50ea	\$15	\$25.00	7376	\$1.50	\$2.50
93	\$1.50	\$2.50	8462	\$1.50	\$2.50
130	\$1.80	\$3.00	8602	\$1.50	\$2.50
161	\$1.50	\$2.50	32173-0	\$1.50	\$2.50
219	\$2.50	\$4.00	NE16	\$3ea \$14	\$25.00
233	\$2.50	\$4.50	NE17	\$3ea \$14	\$25.00
239	\$1.50	\$2.50	NE45	\$3ea \$14	\$25.00
245	\$2.00	\$3.50	NE48	\$5ea \$23	\$42.00
267	\$1.50	\$2.50	PR2	\$1.50	\$2.50
306	\$2.00	\$3.50	PR5	\$1.50	\$2.50
313	\$1.50	\$2.50	PR7	\$1.50	\$2.50
327	\$1.50	\$2.50	PR8	\$1.50	\$2.50
330	\$1.80	\$3.00	PR10	\$1.50	\$2.50
331	\$6.00	\$10.00	PR12	\$1.50	\$2.50
372	\$1.50	\$2.50	PR13	\$1.50	\$2.50
382	\$2.50	\$4.50			
387	\$1.50	\$2.50			

Collector Bulbs

Unusual craft and projection lamp bulb: nice glass and simple but elegant filaments like old radio tubes. With mogul base; may or may not work:

EDISWAN PROJECTION, 6-8 A 200 W; 5.3X1.4" dia. #EDISWAN, \$3.00

T-8 PROJECTION BULB, 200 W 3.4"H x 1" dia; GE #PH/200T8SC, \$2.00

T-8 PROJECTION BULB, (CFC) 150W 120V, 3.4"H x 1" dia; GE #PH/150T8/70, \$2.00

Strobe Lights

ELECTRONIC FLASHING LIGHT for alarm systems, discos, personal use, warning in case of danger, etc...

Long-life xenon tube. Fully sealed and waterproof. Power output: 1W. Power supply: 12VDC. Current: 150mA. Flash rate : 120/min. Black ABS / acrylic cover, Dimensions : 2.8"(y) x 2.5". New, \$8.99 ea. Available in the following colors:

Amber #HAA40A; Blue #HAA40B; Green #HAA40G; Red #HAA40R; Clear #HAA40W



ELECTRONIC FLASHING LIGHT. Flat lens. Requires 12VDC. Input current 85mA/1W. Flash rate 1.5Hz. Screw mounting. Suitable for indoors and outdoors. 3.9" x 3.1". New. \$18.99 each

Amber, #HAA100A; Blue, #HAA100B; Red, #HAA100R; Clear, #HAA100W;

Flash Bulb



Giant Mazda Type 75 magnesium foil flash bulb. Medium screw base. Used in WW2 for aerial night photography.

#FLASH-W, Unused with poor wrapper, \$35

#FLASH-NW, Unused no wrapper, \$25

Pilot Lights & Indicators

SUB-MINIATURE NEON PILOT LIGHT with 5/16" dia clear jewel. Base is receptacle for three 1/16" pins in triangle pattern. Mounts in 3/8" dia hole. O/a 1.4" L; includes neon bulb.

#PIL007, \$.35 each: 4 for \$1.00

DIMMER LIGHT w/ NE-51 bulb; 1/2" dia clear jewel. Fits 5/8" dia hole; o/a 3" L. #PIL-C433, used. \$.75 ea

LAMP HOLDERS for 327 lags; fit 1/2" hole. Flat WHITE numbered lenses; specify: "4", "5", "6", or "9". #0934, \$0.55

Pilot light w/ 327 lamp; white lens. Used #FLW-327, \$1.35



Dialco Pilot Light for T6 1/2 screw base. Red lens. Marked 75 watt, 250 volt. Unused, #PL-T6.5-S, \$3.00

Dialco Pilot Light with faceted lens for T6 1/2 double contact bayonet base. Amber lens. Marked 75 watt, 250 volt. Unused, #PL-T6.5-DC, \$2.50



Pilot Light for T1 3/4 midget flange base 327 bulbs etc. Red lens. Unused, #PL-T1.8, \$3.00 each; 10/\$25.00



Pilot Light for T3 1/4 miniature bayonet base. Amber lens with dimmer. Unused, #PL-T3.3-B, \$3.00



Vibrators

Each of the vibrators listed below are \$5.75 each.

Part #	Pins	Volts	Part #	Pins	Volts
V6648	4	6	JV0022	7	24
VB-9-C	4	?	M1503S	7	24
G534	5	12	V6778	7	24
VS-3	6	6	V6675	7	?
M3356C	6	24	M418753	Octal	6
R111	6	?	VB-13-A	9	12
V6702	7	2			

Cathode Ray Tubes

CRTs are used no burns unless noted "-UN" = Unused

3ACP1	15.00	4MP1	20.00	5FP7-UN	20.
3BP1A-U	15	4QP31	35.00	5JP1	12.00
3BP1A-UN	30	5ABP1	20.00	7BP7	9.00
3DP1	6.00	5ADP7	30.00	10KP7	10.00
3DP1S-2	20.	5AMP2	25.00	902 nos	25.00
3HP7	4.00	5AQP1	25.00	GL-4592	10.00
3JP1	10.00	5BDP7	nos 15.	SMD460260-UN	10
3UP1	20.00	5BHP2	20.00	Z4516P11-UN	10
		5CP1	10.00		

Tektronix CRT'S used no burns. \$50.00 each Others available - tell us your needs.

#154-0672-05 #T5810-31 (154-0354-00)
#T0540-2 (154-0098-00) #T5471-31-2 (154-0568-00)

2" CRT Shield for 2BP1 etc. #SH-CRT-2, \$12.00
3" CRT Shield for 3RP1 etc. #SH-CRT-3, \$15.00
5" CRT Shield for 5ADB7 etc. #SH-CRT-5, \$18.00

Tube Sockets

6-pin ceramic ring mt, #SK-6, used, \$2.95
Mini 7- pin mini, Fiber Wafer, #SK-7MF, new, \$3.00
Mini 7- pin mini, bakelite, #SK-7M, unused, \$.35
Mini 7- pin mini, ceramic, #SK-7CER, unused, \$.60
Mini 7- pin mini, moulded push-in w/ ridge, #SK-7MP-R, unused, \$.30

Mini 7- pin mini, moulded push-in no ridge, #SK-7MP-NR, unused, \$.25

Mini 7-pin mini with collar for shield, #SK-7C, new, \$.60
Mini 7-pin ceramic w/ collar f/shield, #SK-7MC, \$.80
Octal bakelite, ring, #SK-OCT-R, used, \$.45

9 pin PC mount black, unused, #SK-9PC-BL, \$1.25
9 pin PC mount brown, unused, #SK-9PC-BR, \$1.30

Mini 9-pin ceramic w/ collar f/shield, #SK-9M, used, \$3.95
SUB-MINI, round, long-lead, #SK-MIN, unused, \$.85

Acorn Flat Ceramic Socket, #SK-ACORN, used, \$.55
Septar Ceramic Square Socket, #SK-SEPT, Used, \$.7

4X150 Dual Socket Assembly from the T-195, two sockets on 4.3" x 2.9" chassis with 1.1" H bakelite chimneys; #4X150/T195, used: \$19.95; 2 for \$32.00

4CX250 Socket & Chimney Air system type socket with screen bypass capacitor. Comes with chimney. Works with tubes 4CX250, 4X150, etc... #SK620, Used, \$24.

Two Johnson #244 Ceramic Sockets mounted on an aluminum plate 3" deep x 7.5" wide. Each of the sockets has a 1 7/8" diameter removable mounting clamp. Works with 6M, 576 tubes etc. 3 lbs sh. #DUAL-244, Used, \$12.00

Tube Shields & Etc...

For most 7-9- pin mini tubes

#TSH-(specify tube #) used \$.40 each
#TS103U02 SHIELD 12AX7-size, \$.60 each

BLACK IERC-Type SHIELDS, used:
#TR5015 (6AK5), \$.85; #TR6015 (5842) \$.95

--- OCTAL TUBE SAVER ---

Save those expensive octal tubes that have broken guide pins. Replace the broken guide pin by slipping this plastic piece over the proper pins. High strength/temperature plastic. Reuseable. .5"Hx1.2" dia, #KY-1, New \$1.50 10/\$12.00

TUBE TEST ADAPTERS for TV-7, used:

#E104 for sub-mini tubes, \$5.00
#E105 for septar 829/832, \$7.00
#E107 for 2C39, \$7.00

OCTAL TUBE PULLER

Pull out octal tubes in those hard to reach areas. Stands around 6 3/4" tall. 1 lbs sh. #TP-7, \$6.00

TUBE PIN STRAIGHTENER

for Mini 9 pin tubes. Stainless steel straightening area for years of use. 2 mounting holes 1 5/8" center to center. Unused, #STR-9, \$5.95

Tube Boxes

Quality plain white boxes ideal for storing tubes or other components. Compare our price to the competition and save! No divider insert.

P/N	Dimensions	per 10	per 25	per 100	per 1000
CB6W	1.5x1x3	\$1.55	\$3.20	\$10.95	\$85.95
CB3W	1.5x1.5x4	\$1.85	\$3.80	\$12.95	\$99.95
SB16W	1.75x1.75x6	\$2.10	\$4.60	\$14.95	\$125.00
SB17W	2.5x2.5x6	\$2.75	\$5.95	\$18.95	\$155.00

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

\$4.50 Unused / \$2.50 Used - Vacuum Tubes

- MANY other tubes available. Visit our website for a much more complete listing or tell us your needs.
- If you specify unused and unused is sold-out, we will ship used checked, unless you specify "unused only".
- Many tube types available in glass and metal. Please specify if you have a preference.

The tubes listed below are \$4.50 unused and \$2.50 used.

0A2 0A3 0C3 0D3 0Z4 1A5 1B3 1B4 1C5 1E7
1J3 1L4 1N6 1P5 1R4 1R5 1S2 1S4 1S5 1T5
1U4 1X2 1V2 1LA4 1LC5 1LD5 1LE3 1LN5

3B4 3D6 3Q4 3Q5 3S4

5A6 5AN8 5J6 5T8 5U8 5V6 5W4

6A6 6B8 6C4 6F8 6G6 6H6 6J4 6J5 6J6 6K4
6K6 6L7 6N7 6R7 6S8 6T4 6T7 6T8 6U6 6U8
6V3 6V7 6W4 6X4 6X5 6X8 6Z4

6AB4 6AB7 6AC7 6AF3 6AF4 6AF9 6AF11
6AG5 6AG7 6AH4 6AH6 6AK5 6AK6 6AL5
6AN5 6AN8 6AQ5 6AQ7 6AR6 6AS5 6AS6
6AU4 6AU5 6AU6 6AU7 6AV5 6AV6 6AX4 6AY3
6BA11 6BC5 6BC8 6BD5 6BD11 6BE6 6BH6
6BJ3 6BK5 6BK7 6BN4 6BN6 6BQ6 6BQ7
6BU8 6BX6 6BZ7 6CB5 6CB6 6CD6 6CF6
6CM7 6CS6 6CS7 6CU5 6CU8 6CY5 6CY7
6DA4 6DE6 6DG6 6EA5 6EB8 6EH4 6ES5
6GF7 6GJ7 6HB7 6HS8 6JT8 6JZ8 6LE8 6LU8
6MN8 6SD7 6SF7 6SH7 6SK7 6SQ7 6SR7

7A4 7A5 7A6 7A7 7A8 7B4 7B8 7C4 7C5 7C7
7E6 7E7 7J7 7K7 7L7 7Q7 7R7 7S7 7T7 7V7 7W7
7X6 7X7 7Y4 7Z4 7AD7 7AG7 7AH7 7AK7 7AU7

12A6 12A8 12C8 12B4 12D4 12H6 12J5 12J7 12K7
12K8 12L6 12V6 12W6 12X4 12Z3 12AC6 12AH7
12AX4 12AZ7 12BA7 12BF6 12CA5 12SF5 12SH7
12SJ7 12SK7 12SL7 12SR7 12SW7 12SY7

14A5 14B8 14C5 14C7 14E6 14N7 14R7 14W7

17D4 17AX4 17BF11 17GW6 19T8 19AU4 19X8
21GY5 21JV6 25L6 25W4 25Z5 25Z6 25BQ6
25DN6 32L7 35A5 35B5 35C5 35L6 35Z3
35Z4 45Z5 50Y6 70L7 117Z4 117Z3 117Z6

34 35/51 36 38 39/44 43 55 57 58 77 78 79 89
5651 5654 5670 5725 5726 5727 5750 5963 5965

6005 6136 6186 6189 6888

7056 7058 7167

9001 9002 9003 9004 9006

Unused Tubes

UNUSED in original military or commercial boxes:

1B35	\$39.00	1619	\$7.00
1B36	\$39.00	1626	\$3.95 10/\$29.50
2C43	\$23.00	1629 "eye" tube,	\$15.00
2E26 RCA	\$6.00	5718	\$7.00
2K25 Raytheon,	\$36.	5719	\$10.00
3C23	\$32.00	5755	Raytheon,
4D32 Raytheon,	\$28.	\$2.95 10/\$25	100/\$195
10/\$240. 32/\$700.		5763 various,	\$9.95
6AJ5 Tungsol,	\$3.50	5824,	\$13.50
6AZ8 ECG	\$6.95	5998A Syl,	\$16.00
6B4GA, Sylvania	\$33.00	6080WC GE,	\$8.00
6CB6A RCA,	\$3.00	6146W GE,	\$22.00
6CG7	\$9.00	6159	\$17.00
6DC6 various,	\$6.50	6189W	\$7.75
6DK6 GE,	\$3.00	6336B Cetron,	\$45.00
6DQ6,	\$7.00	6687	\$6.75
6E5,	\$17.00	6883B/8552 ECG,	\$15.00
6SG7	\$3.00	6888 Sylvania,	\$14.95
6SH7	\$3.00	6922 ECG, \$6.95	10/\$59.50
6SJ7 Metal	\$7.00	7189A Int. SvcMstr	\$19.50
6SL7	\$9.00	7193	\$6.25
12AT7	\$8.50	7308 Amperex,	\$14.00
12BE6 GE,	\$3.25	7360 ECG,	\$29.95
12DQ6,	\$9.00	7581 ECG,	\$18.50
12SN7	\$5.50		
24A or 27	\$9.50 each	--- NUVISTORS ---	
30,	\$16.50	7586	\$27.00
53	\$6.50	7587	\$32.00
84	\$6.50	8056	\$18.00
717A	\$15.00	8058	\$35.00
807	\$14.00		
811A Cetron,	\$35.00	8552/6883B ECG,	\$15.00
884 or 885	\$7.50 each		
954-955 acorn,	\$3.95	26 SERIES TUBES	
957,	958,	Used \$3; 26A7, 26E6	
acorn,	\$5.95	Unused \$5; 26D6, 26E6	

Pull-out Sale

"pulled-out" of equipment-- NOT TESTED/ NOT GUARANTEED! (One tube type per quantity!):

10 for \$8.00; 100 for \$50.00
6AC7 6AG5 6AH6 6AK5 6AL5 6AS6
6BA6 6CB6 6J4 6J6 6W4GT 5963

OTHER "PULL-OUTS"
10 for \$10.00. 100 for \$75:
6AQ5 6U8 6005

Sovtek Tubes

Electro-Harmonix

A premium quality tube mfg by Sovtek. "EH" =

Type	Price	10-24	25+	Mtch Pr
6L6EH	14.95	13.95	12.95	33.95
6V6EH	8.95	8.50	7.95	22.00
EL34EH	11.50	10.95	9.95	26.95
12AX7EH	9.95	9.50	8.95	N/A
12AT7EH	9.95	9.50	8.95	N/A
12AU7EH	9.95	9.50	8.95	N/A
12AY7/6072EH	11.95	11.50	10.95	N/A

Other Sovtek tubes new:

Type	Price	10-24	25+
5AR4	11.95	10.95	9.50
5Y3GT	9.95	9.50	8.95
6BQ5/EL84	7.50	6.95	6.50
6L6GB	8.50	7.95	7.50
6SL7	6.95	6.50	5.95
6SN7	8.15	7.85	7.40
12AX7WA	7.50	6.95	6.50
6550WE	20.00	19.00	18.00

KT66 \$22.95 each; 10 to 24 pieces at \$20.95 each;
25 and greater \$19.95 each

\$49.95 for matched pair; \$99.90 for matched quad

KT88, \$24.95 each; 10 to 24 pieces at \$22.95 each;

25 and greater \$20.95 each;

\$53.95 for matched pair; \$107.90 for matched quad

Used Tubes / Grab Boxes

USED-checked (US-mfg):

01A (ST), 13.95; 2E22, \$18.00; 3E29, \$9.00;
5U4GB, 5Z3, \$4.75; 6AS7G, \$6.00;
6JB6, 6LB6, \$12.50; 6SL7WGT, \$4.00;
6V6GT, \$7.00, 24A, or 27, \$4.75;
26, 42, 75, \$8.00; 45 ST, \$28.00; 71A, \$12.00;
80, \$7.00; 6080W, \$4.25; 6146A, \$7.75

GRAB BOX TUBE SALE

3 lbs of varying types of unchecked used or unused tubes. Randomly picked from our inventory of tubes of low demand. #TB-GB-3, \$20.00

As above but 6 lbs. #TB-GB-6, \$30.00

Power Amp Tubes



4CX350F/J 26VDC Power Tube. Has a maximum plate dissipation of 350 watts. Fits the socket and chimney listed below. Removed from equipment, \$65.00

4CX300A / 8167, JAN Eimac Unused, \$45.00
4X150D, 26 V filament, used STT, \$16.00
4X150G, coaxial type, used STT, \$19.00

152TH Triode for modulators, oscillators, & amplifiers. 5/10 Volts at 12.5/6.25 amps. Large 4 pin base. Eimac/Eitel-McCullough mfg. Unused, \$150.

8906 tube is also a ceramic metal planar tube. Filament voltage 6V; Max plate watts = 10; Max plate volts = 2500. Used checked, \$60.00

7815 similar to 8906 but max plate volts is 3500, \$55

7554 HIGH MU TRIODE. Heater-cathode, ceramic-metal, pencil type used as rf amplifier, oscillator, and multiplier in airborne equipment. Used STT, \$29.50

Unusual Tubes



No markings but looks like some kind image or photomultiplier with 14-pin basing. 4.8"Hx 2.3 "dia glass + two 1/2"L contact pins opposite each on tinted end of cylinder; 1"L glass extension from side. #XTUBE-98, \$20.00

702B mfg by Sylvania. This unusual tube appears to be a special diode for UHF applications. Clear glass with gold plated rings. Great collectors piece! 1" dia x 2.3"ht., Unused, \$15.

JAN 705A RECTIFIER, 4-pin base; 5"Hx2.3" dia. used \$4

GL-6044 oversize 6-pin w/ 4 tabs; 5.3"Hx2.3" dia. UNUSED, \$5.00

C6M THYRATRON, 8.5"Hx2"dia Used, \$4

Klystron / TWT

6116 REFLEX KLYSTRON METAL VACUUM TUBE, a rugged version of the 2K45. Requires 6.3V at 762 milliamps. Reflector voltage: -95 to -145. Frequency range: 8500-9660 MHz. Power output: 32 milliwatts. Output coupling: waveguide RG-52/U. Unused, \$29.95

SRL-7H for 2160-2400 Mhz; 6.3 V filament, -1000 VDC beam V; reflector volts -1300 to -2000 V. Coarse & Fine Tune slugs, N-conn & octal base. 6.5"x 5.2"x4.5", 4 lb unused w/info, \$49.50

VARIAN VA-98M/8901 KLYSTRON, 23.6 - 24.4 Ghz 100 mw CW; Eb=500 V @ 40 ma. 2.8"Lx 1"Hx1.3"D w/ 6"L wire leads; 2 lbs sh. NEW, \$125.00 Filaments checked, but not guaranteed.

RCA 4012/A1157 TRAVELING WAVE TUBE, 2.0-4.0 GHz, 36 db min., 20 mw min. 15.5"LX3.5"Hx1.5"W. 4 lbs UNUSED, \$40.00

Geiger Mueller Tubes

Geiger Mueller 5980 (also known as BS-2) Tube from the PDR-27 radiac set, Used, \$19.50

Geiger Mueller 5979 (also known as BS-1) tube for PDR-27 radiac sets, Used, \$39.50

Antique Globe Tubes

Tubes below are used-checked;

224/324, 235/51, \$8.95;
227/327, 238/338, 239/44, \$11.95;
226/326, \$13.00; 80/280, \$33.95; 245/345, \$69.00;

SEE A MORE COMPLETE TUBE LISTING AT fairradio.com/tubes.htm

Sonalert - LOUD !!



2 to 6VDC Sonalert mounted on a 2" x 2 3/16" aluminum panel with 4 mounting holes. This unit is very loud at 2VDC and almost intolerable at 6VDC. 2 lbs sh. #SONA-6, Used Excellent, \$4.00

Sounding Device

MINI PIEZO SIREN 6-15Vdc / 140mA 107dB LEAD TYPE. Made from high impact ABS plastic. Dimensions : 1.5" x 1.7" x 2.2". 1 lb sh. Mounting holes: 0.87". #SV/PS1, \$11.95



Faraday Horn



FARADAY 48 VDC 100 ma HORN, made for Bell Telephone; makes loud, penetrating sound w/ screwdriver volume adjust. Steel construction; recess mount. Front size 4x4x1.3 1.3" panel depth. 3 lbs #KS-12037L2, NEW, \$5.95

LOUD BUZZER HORN as used in smoke alarms; 2" dia x1.3".

#41-81-6, 6VDC \$1.25 ea; #41-81-12, 12VDC \$1.35 ea

Alarm Bells



Alarm Bell by Wheelock with mount. 115VAC 60 Hz. 3 5/16" space between mounting holes (Matches standard N.E.M.A. round box). #VIP-3-3, Unused, \$5.00

ADAPTABEL INDUSTRIAL ALARM BELL, 5.8" dia bell operates from 6 VDC 250 MA for non-fire use. Heavy metal cast construction with mount hardware; 3 lbs. Edwards #435-6C1, new, \$9.95



Speakers

3 X 5 SPEAKER, 1 watt at 16 ohms with 1.8" dia magnet; 1 lb sh. NEW. #SPK-3-5, \$1.35 ea; 10/\$12; 100/\$95



3 1/4" Square Speaker. 8 ohms rated at around 2 watts. 1 3/4" depth. 2 lbs sh. Unused, #SPK-3.25, \$3.35

2 3/4" Round Speaker with no mounting holes. 45 ohms rated at around 1/2 a watt. 1.1" depth. 1 lb sh. #SPK-2.75, Unused, \$2.00



7" Audio Tape



7" Professional Audio Tape by Ampex model 631. This is the 1.5 mil tape, 1200' of 1/4" tape. These reels of tape are excellent for DBX reels and others to decrease tape noise, consider by many as the standard for reel recording. These reels are truly the standard for audiophile recordings, and a must for the reel collector. 3 lbs shg on one. 10 lbs shg on twelve. #TAPE-631, Unused, \$3.25 each; 12 for \$35.95; 24 for \$60.00; 96 for \$135

Misc Transformers

MODULATION TRANSFORMER Pri: 5500 ohm 235 ma or 2000 ohm 300 ma. Sec: 200 ohm 20ma 90 watts max. 3.1x3.5x2.9, 4 lbs. #677-0923, used, \$8.



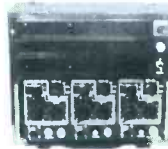
"ISOLATION" TRANSFORMER pri 115V 60 Hz; sec 105 VAC 500ma 3.5x3.5x2.5, 6lbs. #45099037, \$7.50

TY-84 Triad Utrad mobile power supply transformer. Designed for use with 12 volt DC transistor 2500 hz oscillator to produce 600 volts DC 200 Ma. With schematic. 2 lbs sh. #TY-84, Unused, \$65.00



TRANSFORMER-POWER SUPPLY Pri: 2 x115 VAC 48-62 Hz. Sec: 570 VCT 200 MA, 25 VCT 1.2 amps, 6 V 8 A. On chassis w/sockets for two 26Z5 tubes; 20 lbs. #PS-R390A, used, \$25.00

Battery Charger



NI-CAD CHARGER PP-6241 SOLID-STATE BATTERY CHARGER for silver-zinc or nickel-cadmium types. Three independent charging units with out-puts 8-16-32 VDC or 0-36 VDC in 0.1 V steps; 1 or 2.25 amp charge. With cables

CX11971, CX11972, and CX11973. Requires 115 VAC 45-440 Hz input. 11.5x 13.8x11, 46 lbs. w/ book. #PP-6241-U, Used, \$39.50

#PP-6241-UN, Unused, \$79.50

Charger/Conditioner Kit

Kit require insertion & soldering of components!



UNIVERSAL BATTERY CHARGER / CONDITIONER. NiCd and NiMH batteries or different can be charged both quickly (52 minutes) and normally (14 hours). Usable battery voltages: 1.2V, 2.8V, 3.6V, 4.6V, 6V, 7.2V, 8.4V and 9.6V. Charge current: from 15mA to 750mA. Battery is fully discharged prior to charging and thus has a longer life. 3.4" x 3.1". #K7300, New, \$24.95

Recommended housing: #G311, \$7.56

Audio Filter

AUDIO LOW PASS FILTER. No specs available, but output is good from 10 hz to the limit of the filter. The drop off is very quick. The circuit is passive and causes an approximate 50 % attenuation of the signal. The input impedance seems to be about 2400 ohms. 4.5 x 1.5 x .5,



7.5khz LPF #FO70975, \$5.00
15Khz LPF #FO69215, \$4.50

Transistor Audio Amplifier



TRANSISTOR AUDIO AMPLIFIER w/5-transistors, On-Off-Volume and Tone controls. Inputs for ceramic or crystal phono cartridges. Other possible uses as intercom, home-brew receiver, child's projects. Use with 8 or 16 ohm 3" or 4" speaker. Requires 6-9 V AC or DC; with schematic. 1.5 x 2.3 x 3.3. #ER-10-1231, NEW, \$2.95 ea; 2 / \$5.00; 6 / \$12.00; 100/\$135.00

Chokes



Swinging Choke, 1.5MHy at 200maDC, 460UHy at 4 ADC, DCR 0.24ohm. 1.7 dia. x 1.4 ht, 2 lbs sh. #TW-64713, \$10.00

0.5 mHY 100A 0.9 ohm, 6.3x5.4x4.1, (C), 35 lbs, #CH-100, \$45.00

1 mHY/5.0mHY 11A/1A swinging 6.8v-120cps .07 ohm 2x2.3x3, Sealed frame, 4 lb, #103-1MH-11A, \$9.50

C-114 LOADING COIL, adds 88 mH inductance to field phone wire increasing effective range 125+%. Water tight case; 4 lbs sh. #C-114, Used, \$10.00

24V - 12V Converter

24VDC TO 12VDC 20 AMP CONVERTER. Compact design for in-car use. Input 24VDC. Output 12VDC. Maximum current 20 amps. Banana plugs. Fuse protected. #PSDC20, New, \$58.95



Wall Transformers



AURORA TOY WALL TRANSFORMER, changes 120 VAC to 9.5 VDC 350 ma output. 6' cord with slide lugs; 2 lbs sh. #AUR-95V34VA, 2 / \$4.00

CERVCO AC ADAPTER, 11.5 VAC 175 ma out-put; 6' cord w/o lugs. #CER-11.5V, 2 / \$3.00

13 VDC 1 Amp Wall transformer from 120VAC input. 6 ft cord w/ "Barrel Type" DC power connector O.D. 5.0mm; I.D. 2.5 mm. 2.6x2.2x3.4, 2 lb, #TAACA0201, \$2.50



Electronic Trainer



Nida Trainer Model 130, Originally for electronic class troubleshooting instruction. This unit is power supply and test frame only, no test circuits. plus and minus low voltage power supply each 6, 9, 12, 15 volts and variable to 24 vdc current limited 25.

50, 75, to 100 ma variable. Also high voltage 50, 100, 150, 200 to 250 vdc variable with current limit of 10, 20, 30, 40 to 50 ma variable. Large voltmeter and milliamper meter to monitor the output. Mini toggle switches under front panel to switch problems into circuit. This would make nice tube/low voltage breadboard station for your shop. Requires 115VAC 60Hz. 14.7x18x9. With Schematic. 25 lbs sh. #NIDA-130, Used, \$49.50

Handcrank Generator

GN-38 HANDCRANK GENERATOR, similar to above with flat magnets but has shorter fold-up GC-9 crank. Used in EE-8 and other older military phone equip. 4"Lx2.5" dia: 4 lbs sh. #GN-38, Used, \$24.95



H V Supplies



HIGH VOLTAGE POWER SUPPLY, input 120 VAC 60 Hz. DC outputs: -8000 V 0.25 to 1 ma, +120 V 15 ma, +24 V 1.25 amps, +16 V 450 ma. 4x9.5x4, 17 lbs sh. #GE9T63Y2280G03, Used, \$12.95

PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

LOW VOLTAGE TRANSFORMERS

All 120 VAC 60 Hz primary unless otherwise noted; styles as indicated; may be "used" or "unused": Dimensions listed below are case only, so make allowance for terminals. Weights listed below are considered SHIPPING weights. Limited stock.



STYLES (A) (B) (C)

SECONDARY	SIZE	STYLE	WT	STOCK #	PRICE
Two 5 V 3 A	3x3.3x3.4 (C)	7	#P-6333	\$16.95	
7.5/6.3 VCT 3 amps, 6.3 VCT 4 A					

2.7V 10A, 3.2x3.8x6.5, 11 #60-2.7V-10A, \$7
6.45V 3.8A, 6.3VCT 0.5A, 2x5.15V 2.1A,

6.3V 1A 1.7x1.9x2.9 (A) 3 #38-6.3V-1A, \$4.00

6.3V 7.5A, 3.3x3.4x4.2, 7 #ST-6.3V-7.5A, \$10
12.6V 0.15A

6.3VCT 10A, 3x3.2x4.4, 9 #SH-6.3V-10A, \$12

12 V 9 amp, 5.3x4.3x4.8(C) 22 #P-601719 \$8.95
12 V 3.2 A, 12 V 2 A, 44 V 2.5 A. (12 V windings can be wired to produce 12 V 14 A)

13 V 20 amp, 4x3.5x3.3 (C) 10 #430-9001 \$19.95

14VCT 2A, 1.8x2.7x2.2, 3 #F-251X, \$6
Open Frame

16.5 VCT 2 amps 2.6x2.5x2 (C) 2 #BE15869 \$3.95

17 V 1.5 A, 2.5x3x2.5(C) 3 #54-995 \$4.00
19 V 1.6 A

Dual 17V 5A 4.3x1.2 Toroidal 6 #4365-P1S2, \$22

18V 5.4A, 4.5x4.8x4(C) 16 #401-21 \$8.95
26 V 1 A, 6 V 900 ma,
25 V 500 ma, 35-10-0-10-35 V 5 A

18 V 1.5 A, 3x4x3.5 (C) 7 #BE12696 \$4.95
19 V 2.5 A, 10 V 4 A

20VCT 4A, 2.5x2.8x3.4, 6 #P-8560, \$9.95
Open Frame

Taps 24/19/10V 1KVA at any tap 6x11x14 (A) 84 #M1539, \$85

25VCT 8 A 4 x 3.6 x 5.3 (A) 13 #200P25GT \$14.95

25.2VCT 2A 2.1x3.9x2.6 (C) 4 #F-41X, \$8.00

29.2V 2A 3.5x3.9x3.5 (A) 7 #612-29.2V-2A, \$8.00
22.5V 2A

2x30 V 250 MA 1.8x2x1.5(C) 1 URC#60605 \$2.50

30 VCT 560 ma 2.5x2.3x2 (C) 2 #401-6 \$3.00
40 VCT 450 ma

32 V 3.5 amps 3.3x2.8x2.3(C) 4 #2-111219 \$5.95

32 VCT 1.5 A; 2.5x2.6x2.1(B) 3 #142259 \$3.95

35 VCT 1A 2.5x2.8x3(B) 3 #1341155-2 \$2.50
Rusty condition

36 VCT 2A 2.9x3.5x2.3 (B) 3 #SR-448 \$4.95

36VCT 3A 3.3x3.3x2.8 (B) 6 #701-121, \$8.00

38VCT 1.4A 2.2x3.3x2.3 (B) 4 #203A6725, \$5.00
5V 1 amp

38.9V 4A 2.6x3.8x3.5(C) 5 #021/0220050 \$7.50
tapped 26-9-3-0.9 V, 150 VCT 200 ma

40VCT 1A 2.2x3.7x2.2 (C) 4 #URC56000, \$5.00

40 VCT 2.1 A, 3.5x5.5x3(A) 8 #9807 \$6.95
24 V 1 A, 117 V 50 ma: sealed

46VCT 1.5A, 3.3x3.9x5.5, 11 #43-46V-1.5A, \$9
74VCT 150ma,

52 VCT 2.6A, 3.2x3.8x3 (B) 6 #EIA606-451 \$7.00
tapped 33 and 18 VCT

70 VCT 5 A, 4.5x4.8x4 (C) 16 #401-21 \$8.95
tapped 20 VCT; 18 V 5.4 A, 26 V 1 A, 6 V 900 ma

90VCT 2A, 4.1x3.4x2.9, (C) 9 #24-90V-2A, \$14.00

Dual 90V 2.5A, 3x5.2x4.4, (C) 13 #20-90V-2.5A, \$20
tapped on each of the 95V windings at 60V,
32 vct around 200ma

Dual 95V 2.5A, 3x5.2x4.4, (C) 13 #28-95V-2.5A, \$22
tapped on each of the 95V windings at 60V,
32 vct around 200ma

100V 1.5A 6.5x6.3x5.9 (C) 25 #42-100V-1.5A, \$25.00
2/15V 1A, 19V 2A, 60V 4A

100V 8.5A 7x6.1x6 (C) 33 #42-100V-8.5A, \$55.00

HV Transformers

SECONDARY	SIZE	STYLE	WT	STOCK #	PRICE
145V 390ma	2.7x2.8x3.4 (C)	6	#28-145V-390MA	\$20	

300VCT 200ma, 5x4.2x5.8, 15 #49-300V-200MA, \$30
500VCT 30ma, 250V 10ma, 6.3VCT 4A, 6.3V 1.5A,

375 VCT 50 MA 2.5x3x2.6 (B) 3 #8316527 \$6.50
6.3 V 2 amp (230 VAC only primary)

450VCT 30ma 2.2x2.5x3.9 (A) 5 #33-450V-30MA, \$14
6.3V 2A, 12V 500ma

500VCT 10ma 2.4x2.5x3.5 (A) 5 #3-500V-10MA, \$12

500VCT 125ma 2.9x2.5x3.3 (B) 5 #TR180, \$14.95
6.3V 1 amp

580VCT 600 MA, 5.6x4.4x5.4 B 21 #13920, \$29.00
80 VCT 850 MA TAPPED 60VCT, 5V 150 MA
8V 350 MA, 30VCT 500 MA

850VCT 100ma, 4.7x4.2x4.7, 14 #47-850V-100MA, \$25
5V 2.2A, 6.3V 1A, 6.3V 12A

890VCT 85ma, 3.5x4.1x5.3, 11 #69-890V-85MA, \$17

900VCT 200ma, 5.5x4.5x6.6, 21 #43-900V-200MA, \$40
350VCT 70ma, 6.3VCT 4.25A,

920VCT 50-70ma, 4.4x5.1x6, 17 #52-920V-50MA, \$24
1240VCT 50-75ma,

954VCT 212MA, 4.3x3.7x5.7 15 #R3-954V-212MA, \$60
580VCT 185ma, 6.3V 5.5A, 5V 3A, for SX-28

970VCT 200ma, 4.6x5x7, 19 #R3-970V-200MA, \$40
6.4VCT 9A, 6.3V 1A, 5V 2A,

1752v 270 ma, SIZE CASE 20 #6155-HV, \$65.00

1900VCT 30ma, 4.3x4x6, 12 #51-1900V-30MA, \$25
1150VCT 50ma,

TRANSFORMER THAT PRODUCES HIGH VOLTAGE FROM YOUR CAR ALTERNATOR.

Three phase Delta to three phase Y power transformer. Primary 200 V delta 3 phase 400 Hertz, Secondary 1510V "Y" 500 MA. This transformer originally produced 2000 VDC for a 1000 watt military transmitter. There is information in some older "Radio Handbook's" which show this type of transformer used with an automotive alternator to produce high voltage for use with a RF power amplifier. Removed from equipment 5 lbs sh. #T1/ARC-3Phase, \$30.00 each.

Audio Transformers

Primary	Secondary
---------	-----------

50 ohms 30ma 500 ohms 400 to 1900 Hz Mic Transformer 1.5x1.3x1.5(A) 1 lb #T204/PP115 \$3.

100 ohms 100K ohms; input transformer, 2.1x2.2x3.2 (A), 2 lb #T3/AM20, \$7.95

250/4000 ohm 150, 600 ohmCT 400-3000 Hz 1.8x1.8x2.5(A) 2 lb #C280/RM39, \$4.00

Audio transformers which we were told were from Altec/Altec Lansing Public Address amplifiers. We have no specific data on these, but offer them to those who may know what they are. All ohms listed below are DC resistance. We will list all the information we have and pictures on our web site at fairradio.com/audiot.htm

Pri. 0.5 ohm; Sec. 8.7 ohm tapped 8.4, 8.3, 8. Open frame, 2.7x3.7x2.3, 4 lbs sh. Sam Woo mfg. #050-7000-00, \$5.00

Pri. 0.3 ohm; Sec. 3.7 ohm tapped 3.65, 3.6, 3.5. Open frame, 2.9x3.4x2.8, 6 lbs sh. Sam Woo #50-7001-00, \$7.50

Tamradio #302216, Winding(1) 19.3 ohms, (2) 5.7 ohms CT, (3) 3.4 ohms CT, (4) 5.2 ohms CT, (5) 20.4 tapped 17.1 ohms, (6) 21.5 tapped 16.7 ohms. Open frame, 3.1x3.2x2.8, 5 lbs sh. \$5.00

#EIA606-625, Winding(1) 0.7 ohm tapped 0.4, (2) 2.1 ohm tapped 1.8, (3) 0.4 ohm tapped 0.3. End Bell, 3.8x3.8x3.1, 9 lbs sh. \$10.00

TRIAD TRANSFORMERS

#TY-61X TRANSISTOR DRIVER 100 ohms 100 ma : 100 ohm CT, 50-10KHz 500 mw. 2.7x1.5x1.5. \$4.00

#TY-65Z MODULATION Pri: 32 ohms CT 575 MA DC Sec: 4K-6K ohms 10 W. Short Leads. 2.7x2.4x2, 2 lbs. Used, \$5.00

Industrial Transformers

Taps 90 thru 3KV at 20KVA at any tap #3KV-20KVA, \$999 (Primary 160V 137.5A) 5 - 3000Hz One Phase 20.3x16.5x22.5, Open Frame, Approx. 500 lbs

115/270V 4.9KVA 10x9x9.7 (C) 100 #44-115V-4.9KVA, \$225
115/135V 2.7KVA (600VAC only primary)

71V 53.5A 8.7x9x9.2 (C) 80 #44-71V-53.5A, \$175 (Primary 200/230/380/415/460/575VAC)

Taps 208/220/240V 9A 8x8.3x7.4 (C) 60 #SU-2, \$175 (Primary 416/440/480V 4.5A)

229V 70A 3 Phase Y 22.5x11.3x18 (C) 400 #SHED-Y, \$600 (Primary 420/440/460/480/500V 37-31A)

230V 250KVA 5.8x5.4x5.9 (C) 19 #42-230V-250KVA, \$35 (Primary 208/270/325/380VAC)

Taps 80/90V 1KVA 8.5x5.3x5.4 (C) 33 #3-40239-98, \$50 (Primary 240/480VAC)

HARRIS RF AMPLIFIER 3-PHASE POWER TRANSFORMER from Harris RF765 5 KW transmitter; two outputs of 1916 V 2.3 amps and one 1518 V 490 MA from 208/220/230/240 V 3-phase input. Made by Basler; 17x 26.5 x12.5, 300 lbs shipping. Harris mfg. #10178-5200, used, \$450.00

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

Switching Power Supplies



HEAVY DUTY SWITCHING SUPPLY, outputs +5 VDC 28 amps, +12 V 4 A, +24 V 1.5 A from 115 VAC 60 Hz in. W/ ON-OFF switch, & 16-pin Molex output connector. "AS-IS" complete, no schematic" 2x5x13, 6 lb #SWPS-528, \$6.95

SWITCHING POWER SUPPLY with 3" axial fan. Outputs +5 V 10 amp, +12 V regulated 2.5 A, +12.5 V 5 A unregulated from 115 VAC 50/60 Hz input. P/o Wang equip. 2.6x5.1 x12.5, 7 lbs. #12690, \$14.00



POWER SYSTEM switching supply, outputs +5 V 7 amps, +12 V 3 amps, -12 250 ma, -5 300 ma from 115/230 VAC 50-60 Hz input. 7.8x 4.4x1.5, 3#. NEW: #PS1558, \$15.00

Switching Power Supply, Outputs: 5VDC 20A, 15VDC 2.5A, -15VDC 1.0A, 24VDC 4.0A. Housing is perforated. Requires 115/230VAC 50/60 Hz. Kentek Inc mfg. 10.9x7x4.2, 7 lbs #SX200-81605, Used, \$8.95; 4 for \$29.95



Switching Power Supply, Outputs: 5VDC 21A, -5.2VDC 7.5A, 12VDC 4.7A, -12VDC 1.5A. Each output has a potentiometer adjusting the voltage +/- 1 volt. Perforated housing with a heatsink on top. Requires 115VAC 60 Hz. Various mfg. 10.9 x 7 x 4.2, 15 lbs #A3060884, Unused, \$9.95; 3 for \$24.95

24VDC 11 amp output switching power supply which DOES WORK with the R-392 and GRC-106 Receiver / Exciter. Requires 115V or 230V 60Hz. Made by Acme Electric Corporation. 9.5x5x2.5, 6 lbs sh. #25A1, Used, \$45



Power Supply Modules

+5/-5 V 3 AMP REGULATOR BOARD, up to 24 VDC unregulated. Capacitors two 15000 mf 15 V, 33000 mf 30 V. Two each KBPC rectifiers, 2N6576, 2N4441 SCR. 7.8x6x4; 3 lbs sh. #MEND-REG-5V, \$5.00



REGULATOR MODULES from Sun supplies, each with current limit and voltage adjust. Includes bridge rectifier, filter capacitor, two 2N3055 or equal and 723 regulator; 2 lbs sh. No further info. #SUN-REG-124, 12 V 4 amp, \$10.00 #SUN-REG58, 5 V 8 A w/OVP; \$8.00

50 Amp P.S. Chassis

PP-4763/GRC POWER SUPPLY, produces 28 VDC 50 amps from 115 VAC 22 amps 47-63 Hz 22/11 amp input; solid-state with +/-0.5% regulation. Has meters 0-50 VDC and 0-80 amps DC; 13.5x 19.5x15, 145 lbs. #PP-4763-LM, Used less control card, both mtrs, and circuit breaker, \$120.00 Manual repro, #MM-PP-4763, \$10.00



Power Supplies



5 VDC 3 AMP EXELON DC REGULATED SUPPLY, and 12 VDC 0.1 amp output from 115/230 VAC 47-63 Hz input. 5x5.3x2.8, 4 lbs. #PS-1545, NEW, \$10.00

12 VDC 1.5 AMP DC POWER SUPPLY, Adjustable +/- 2.25 volts. Requires 115 VAC 60 Hz; Mfg by ACDC Electronics. 4.9x6.3x3.4, 7 lbs sh. #10-4131-045, Unused, \$19.95



12 VDC 1.5 AMP DC POWER SUPPLY designed for small tool rated under inductive load like a motor. Output > 20 VDC under lesser loads; can be varied somewhat depending on load. With 6 ft AC cord; requires 115 VAC 60 Hz; 2.5x2.5x5, 3lbs sh. #DR-12VPS, NEW \$10.95



COLECO DISK DRIVE POWER SUPPLY for ADAM system; transformer type with outputs +5 V 3 amp, +12 V 2.9 A, -5 V 200 ma, and +18 V inductive 1 A. 115 V 60 Hz input. With cords and On-Off switch. 11x4x8, 10 lbs sh. #COL72559, unused, \$10.00



Linear Regulated Power Supply by Lambda, adjustable 20VDC +/- 5% at 5 amps. Perforated housing. Requires 205-265VAC 55-65 Hz. 10x4.9x4.8, 17 lbs, #LM-CC20-V, Used, \$45.00



24VDC 12 AMP or 28VDC 10 AMP POWER SUPPLY, Requires 115/230V 47-63Hz. Mfg by Power One. 16.8x4.9x4.8, 20 lbs sh. #F24-12-A, Unused, \$75.



Power Supply Kit

1A POWER SUPPLY KIT. This small power supply provides a regulated voltage, adjustable between 1.5 and 35 volts at 1 Amp. With the LM317 regulator remarkably better ripple and regulation characteristics are given with conventional regulators. Current limiter and thermal overload protection are included in the IC. Supplied without heatsink. Output current: 1.5A max. Max. dissipation: 15W (cooled). Max. input voltage: 40VDC. PCB dimensions: 2.1" x 2.1". #K1823, \$12.99



5 - 24 VDC Power Supply

COMPACT SWITCHING POWER SUPPLY, 20 selectable outputs: 5 to 24V DC in steps of 1V (from 4.3 to 1.5A) Power: 36W. Get rid of those bulky power-hungry heat-producing adapters. These adaptors use state-of-the-art switching power supplies and feature some major advantages such as: - cooler running - stabilized output - short-circuit and overload protection - compact design - very low idling consumption. Comes with 8 detachable DC plugs. Ideal for notebook computers & personal digital electronic devices. Requires 100 ~ 240V AC. Output plugs: 2.5mm mono, 3.5mm mono, 1.0x3.0mm, 1.35x3.5mm, 1.7x4.0mm, 2.1x5.0mm, 2.5x5.5mm, 1.5x5.5mm. 3.5"x1.8"x1.2", #PSSM7U, New, \$49.90



Variable Transformers

- - OTHER RATINGS AVAILABLE - -
Tell us your needs!

All variable transformers listed below are used good condition unless otherwise specified.

GENERAL ELECTRIC VARIABLE TRANSFORMER, input 120 VAC 60 Hz. Isolated output 0-60 VAC. Maximum current load: 5 amps. Two units wired in series will produce 120 VAC output. Coil not enclosed; dial plate & knob not included. 4.4" dia X 4"H; 6 lbs GE #9T92A1515, New, \$19.95; 2 for \$35.



POWERSTAT variable transformer, no dials & knobs. 0-30V at 25 amps 60 Hz or 15-0-15V at 35 amps 60 Hz out from 120/240 V input double wound; Actually has two isolated 15V secondaries. Great basis for a 12 or 24 volt power supply. Enclosed, motorized 3 section (3 phase). 12" dia X 30"H, 90 lbs. #DMLW-136BT-3, \$195



380 HZ VARIABLE TRANSFORMER, input 120 VAC 380/1000Hz; output 0-120 VAC 380/1000 Hz 13 amps. 7x6.2x3.3, 9 lbs. #GA5065OL \$18.00



Staco 20 Amps 0-180V, input 120V, motorized. 8.8x8x10.5, 36 lbs, #033-6565, \$120.00



Variable transformers listed below are 240VAC 60Hz Inputs; not enclosed. Used unless otherwise stated.

Powerstat type 12 Variable Transformer. 240VAC 60Hz input to 0-240VAC 0.7 amps or 0-264VAC 0.5 amps output. With knob. #PWST-12, Removed from unused equipment, \$19.95



GE 8.5 Amps 0-240/280V, input 120/240V, motorized. 7.6x6.9x10.2, 23 lbs sh., #9T92A30G51, \$89.50



Powerstat 9 Amps 0-240V, Input 240V, motorized, perforated sides. 9.1x9.5x10, 30 lbs. #2388-10698, \$89.50



Staco 10 Amps 0-240V, input 240V, motorized, perforated sides. 8.9 x 9.5 x 10.3, 30 lbs sh, #033-7015, \$99.50



Acopian Power Supplies

Acopian Gold Box Series Power Supplies. Fully enclosed with terminals for wire connection. Perforated covers. Each unit is linear regulated and requires 105-125VAC 50-400Hz. Removed from lightly used equipment. Nice & clean.



5V 17A, #VA5H1700, \$30.00
5V 22A, #VA5H2200, \$35.00
5V 5.1A, #VA5MT510, \$20.00
5V 6A, #VA5MT600M, \$20.00
5VDC 12A OVP REMOTE SENSE, #VA5MT1200M, \$35
8V 2A, #VA8NT200M, \$20.00
+/- 15V 400 MA, #VTD15-40, \$35.00
+/- 15V DUAL TRACKING 1.6A, #VTD15-160, \$50.00
+/- 5V 2.5A, #VTD15-250, \$20.00
18V 2.1A, #B18G210, \$25.00
18V 6A, #VA18MT650, \$50.00
24V 15A, #VA24H1500, \$75.00
28V 11A, #VA28H1100M, \$75.00
36V 4A, #VA36MT400, \$35.00
+/- 15V 500MA VFD15-50A, \$35.00
+/- 15V 500 MA VFD15-A19 \$35.00

CHECK OUT OUR LATEST FEATURE ITEMS AT FAIRRADIO.COM

Inverters



12 VDC to 120 VAC 60 HZ INVERTER, rated 200 watts continuous; 600 W surge. Output is squarewave with zero-crossing. Has studs for input & 3-cond outlet. 3 x 7.5 x 4.8, 7 lbs.

#RC-12200, New, \$49.50



ROTARY INVERTER, output 115 VAC 400 Hz 1 phase 750 VA from 28 VDC 60 amp input; Leland or =. 12x9.5 x7, 42 lbs shipping.

#INV-750, Gov't-Recond, \$57.00

INVERTER, like above except 750 VA out from 28 VDC 60 A in; 9.3x16.5x7, 40 lbs sh, #PU-16, \$32.95



Motor Generator for GRC-106 Model SS688. Input 27.5VDC 24 Amps. Output 115VAC 60Hz 3.48 Amps. Continuous duty. 3600 RPM. 12x6.5x12,

47 lbs sh., #SS688, Used, \$65.00

400 HZ INVERTER KIT removed from PP-2352; good foundation for 28 VDC to 115 VAC 400 Hz 500 watt 1 phase inverter. Includes oscillator feedback, driver, output, & regulator transformers, two saturable reactors & schematic info. Add other components to suit your power needs; 10 lbs #KIT400HZ-500W, \$49.50

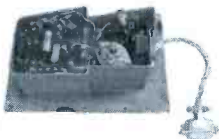


400 HZ SOLID STATE INVERTER KIT will produce 115 V 400 hz at a current and voltage dependent on the transformer you use. Supplied parts include, special feedback transformer, resistor/diode boards, two transistors on heatsinks which when combined with your center tapped transformer will produce 400 Hz power. For 12vdc operation use a 20-26 vct transformer. For 28 volt input use a 40 -52 vct transformer. With schematic & info. #INV-47, \$19.95

#INV-47-52, 52CT w/ 52VCT xformer f/ 28v input, \$27

Power units FROM AM-3349 see better pictures at our web site.

DC-AC 400 HZ INVERTER. Input 26 VDC, Designed outputs 120 VPP 400 hz and 156 VPP 400 hz. Also 12.6 VPP 400 hz 600 ma for filaments. Components mounted in irregularly shaped casting. Transformer is not removeable. Removed from equipment. With schematic. 2.3x6.6x4.9, 5 lbs sh. #2A6A1, \$25.00



Inverter from AM-3349 which contains the DC - DC supply for the High voltage power supply that powered two 4CX350F tubes to 400 watta PEP. Power input is 24VDC. This supply produced 500 VDC plate and screen grid supply for 8233 driver tube, and screen grid for PA tubes. Also 2400 VDC plate voltage for PA tubes. Transformer and components are mounted to irregularly shaped casting. With schematic. 7x18x6.9, 21 lbs sh. #3349-INV, \$50.00

NTE Semiconductors

NTE Cross Reference CD, \$5.00

NTE Cross Reference Book, \$4.95

NTE#	DESCRIPTION	PRICE	NTE#	DESCRIPTION	PRICE
2V130	MOV 130V RMA	\$1.97	580	RECTIFIER-600V3A FAST RECORD	\$2.26
85	T-NPN SI GENERAL PURP AMP TO-92	\$0.76	588	DIODE-SI 200V 3A ULTRA FAST DO-27	\$1.76
109	Diode-Germanium Gen Purp 75PRV DO-7	\$0.98	618	DIODE-AM RADIO TUNING DIODE	\$2.50
112	DIODE-SI-UHF TV/MIXER DO-7	\$1.57	778A	IC-DUAL OP AMP 8 PIN DIP	\$3.81
116	RECTIFIER-SI 600V 1A DO-41	\$0.38	941M	IC-FREQ COMP. OP AMP 8-PIN DIP	\$0.87
123	T-NPN SI-AF PREAMP/DRIVER TO-39	\$0.70	955M	IC-TIMER/OSCILLATOR 8-PIN DIP	\$1.86
123A	T-NPN SI-AF/RF AMP TO-18	\$0.89	960	IC-POS VR 5V 1A TO-220	\$3.73
123AP	T-NPN SI-AF/RF AMP TO-92	\$0.71	966	IC-POS VR 12V 1A TO-220	\$3.93
125	RECTIFIER-SI 1000V 2.5A DO-41	2/\$0.89	987	IC-QUAD OP AMP 14-PIN DIP	\$2.48
125-10	Pack RECTIFIER-SI 1000V 2.5A DO-41	\$3.49	1866	IC-LED VU Scale Meter Driver 9-PIN SIP	\$2.14
125-100	Pack RECTIFIER-SI 1000V 2.5A DO-41	\$28.99	2018	IC-8 CHAN CMOS/TTL DR 18-PIN DIP	\$3.06
128	T-NPN SI-AF PREAMP DRIVER TO-39	\$1.30	2331	T-NPN SIHI VLTG Horiz Switch w/ Damper	\$6.57
128P	T-NPN SI General Purpose AMP TO-237	\$1.07	2343	T-NPN SI Darl Power Amp/Switch TO-220	\$1.70
129	T-PNP SI-AF OUTPUT TO-39	\$1.86	2353	T-NPN SI COLOR TV HORIZ OUTPUT	\$6.91
130	T-NPN SI-AF POWER OUTPUT TO-3	\$2.30	2389	MOSFET-PWR N-CHAN HI SPD SW TO-220	\$5.05
135A	ZD-5.1V 1W DO-41	\$0.55	2395	MOSFET-PWR N-CHAN HI SPD SW TO-220	\$5.29
142A	ZD-12.0V 1W DO-41	\$0.55	3041	Opto Isolator/NPN Transistor Output	\$2.11
145A	ZD-15.0V 1W DO-41	\$0.55	4006B	IC-CMOS 18 STAGE 14-PIN DIP	\$3.00
156	RECTIFIER-SI 1000V 3A DO-15	\$0.71	5077A-2	pack ZD-18.0V 1W DO-41	\$1.98
159	T-PNP SI-AF PREAMP DRIVER TO-92	\$0.87	5304	RECTIFIER-SI BRIDGE 400V 1.5A	\$1.73
172A	T-NPN SI-DARLINGTON AMP TO-98/92	\$0.98	5322	RECTIFIER-SI BRIDGE 200V 25A	\$4.34
177	Diode-SI Gen Purp Det 200 PRV DO-35	\$0.99	5332	RECTIFIER-SI BRIDGE 600V 1A	\$1.67
181	T-NPN SILICON AUDIO AMP TO-3	\$5.59	5342	RECTIFIER-SI BRIDGE 600V 40A	\$9.52
184	T-NPN SILICON AUDIO PO TO-126	\$1.50	5344	RECTIFIER-SI BRIDGE 1000V 40A	\$10.97
185	T-PNP SILICON AUDIO PO TO-126	\$2.75	5800	RECTIFIER-50 PRV 3A Axial Lead DO-201	\$0.51
199	T-NPN SI-LO NOISE TO-92	\$1.06	5801	Rectifier-100 PRV 3A Axial Lead DO-201	\$0.76
253	T-NPN SIL DARL80V HFE-2000 TO-126	\$2.37	5804	Rectifier-400 PRV 3A Axial Lead DO-201	\$1.18
261	T-NPN SIL DARL80V TO-220	\$2.33	5809	RECT-1000 PRV 3A Axial Lead DO-201	\$2.60
262	T-PNP SIL DARL80V TO-220	\$2.38	5812	RECTIFIER-100 PRV 6A	\$1.58
263	T-NPN SIL DARL80V TO-220	\$2.44	5814	RECTIFIER-400 PRV 6A	\$1.84
287	T-NPN SI-HI VLTG Gen Purp AMP TO92	\$0.80	5815	RECTIFIER-600 PRV 6A	\$2.89
289A	T-NPN SI-AF POWER OUTPUT TO-92	\$1.42	5817	RECTIFIER-1000 PRV 6A	\$3.70
290A	T-PNP SI-AF POWER OUTPUT TO-92	\$1.47	6419	SIDAC 110-125V	\$2.76
291	T-NPN SI-POWER OUTPUT/SW TO-220	\$1.79	7407	IC-TTL Hex Buffer/Driver 14-Pin Dip	\$1.57
303-5	Pack HEAT SINK COMP'D 1 GRAM	\$1.72	8085	THERMAL FUSE 87°C	\$1.05
331	T-NPN SI-AUDIO PO/SWITCH TO-220	\$2.41	8090	THERMAL FUSE 93°C	\$1.05
373	T-NPN SI-AF DRIVER TO-126	\$1.98	8098	THERMAL FUSE 100°C	\$1.05
378	T-PNP SI-Power Driver/Output TO-220	\$3.38	8103	THERMAL FUSE 104°C	\$1.05
399	T-NPN SI-VIDEO OUTPUT GIANT TO-92	\$2.30	8118	THERMAL FUSE 121°C	\$1.05
422-2	Pack Insulator Kit for TO-220 Package	\$1.96	8139	THERMAL FUSE 141°C	\$1.05
423-2	pack IC SOCKET 8PIN DIP	\$1.34	8181	THERMAL FUSE 184°C	\$1.05
458	JFET-N-CHAN GEN PURP AMP TO-92	\$1.70	8213	THERMAL FUSE 216°C	\$1.05
506	RECITIFER-SI-HI CUR/FAST SWITCH	\$1.78	8242	THERMAL FUSE 240°C	\$1.05
519	DIODE-SI FAST SWITCHING DO-35	\$0.39	75189	IC-DTL QUAD Line Driver 14-PIN DIP	\$2.14
552	RECTIFIER-SI 600 PRV 1A DO-41	\$1.99	TP0001	THERMO PAD FOR TO-3 PACKAGE	\$1.66
558	RECTIFIER-SI 1500V 1A DO-41	\$1.54	TP0002-100	Thermo Pad for TO-66 Package,	\$17.95
570	D-SI CONTR AVANLANCE 135V TO 180V	\$1.44	TP0004	THERMO PAD FOR TO-126 PACKAGE	\$0.89
574	R-SI 400V 1A FAST RECOVERY DO-41	\$0.62	TP0006	THERMO PAD FOR TO-220 PACKAGE	\$1.22
576	RECTIFIER-SI 400V 5AMP 35NS DO-27	\$1.54	TP0007	THERMO PAD FOR DO-5 PACKAGE	\$1.34
577	RECTIFIER-SI 1000V 5AMP 70NS DO-27	\$2.97	TP0010	Thermo Pad FOR TO-3PML PACKAGE	\$2.20

Regulators / Conditioners



Sola Constant Voltage Transformer. Input 95-130V 3 amps; 175-235V 1.7 amps; 190-260V 1.5 amps; 380-520V 750ma. Output 120 volts 250VA. Used, #63-23-625-8, \$125.00

50 Hz Sola Regulator. Input 110/120V 2.8 amps; 220/240V 1.4 amps; 380/415V 800ma. Output 110/120 /220/240 volts 250VA. Output 110/120/220/240 volts 250VA. Used, #63-23-125-4, \$100.00

WANG POWER CONDITIONERS, electronic line voltage regulators with full magnetic isolation protects computer & similar equipment from line voltage surge or "sag" damage. Provides "clean" 120 VAC 60 Hz output from inputs of 90 to 135 VAC 60 Hz. Low input shutdown @ 50% of nominal. OVP shutdown @ 12% above max output. 7.8x13x10.4: 1000 VA output with one large L5-20R receptacle; 45 lbs sh. #SC-100A-PC, New, \$195



SOLA #63-13-150 C-V HARMONIC NEUTRALIZED REGULATOR, 120 V 60 Hz 500 W output from 95-130 VAC 5 amp input. Two 3-cond outlets & On-Off on front. 6.9x7.8x13.3, 34 lbs. #63-13-150, Used, \$95.00

Dynamotor Supplies

#D-10A Used, \$15.00
#D-401 Used, \$12.00
#DM-36 Re-new, \$15.00
#DM-53-24, 24V Used w/ base, \$10.00
#DM-53-12, 12V Unused w/o base, \$14.00
#DY-9 or equal from ARC1, \$14.00
#DY-86 from ARN-30, \$15.00
#DY-107 Used, \$37.50
#PE-98 14V Used, \$30.00
#PE-133 Unused, \$15.00

#2C4312/B50 HINGE SET for the DM-21 in BC-312/342, Used, \$7.00

60 Hz - 400 Hz Converter



Unused, #CV-2488, \$299.00

Static Frequency Converter, Input 120V 60Hz to 117V 400Hz 500 watts single phase. Overload protection. With maintenance manual, power input cable and connector for output. 21x12x15, 120 lbs sh.

PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

Other Semiconductors

2N3716, \$1.95 2N4126, 5/\$1.00 2N6292, 2/\$1.00
2N3739, \$1.95 2N5428, \$1.00 2N6675, \$3.95

REGULATORS

1.2-37V 1.5A out; 0.03% load reg., #LM-117K, \$3.50
30W 3 amp 5V positive regulator, #LM-123K, \$1.95
Negative adjustable regulator, #LM-137K, \$1.95

Metal Oxide Varistors "MOV"

#S14K130 130V \$1.25, #S14K175 175V \$1.50

IsoTop Power MOSFET

Power MOSFET, Low gate charge- Fast Switching
Rds on 0.180 ohm, Id continuous 40Amps Pd watts
690, Ciss(pf)11715 Qg (nC) 468, removed from
equipment, no hardware. Hardware required is
metric. 15/16"D x 1 7/16"W x 7/16"H, #APT8018,
\$15.00 each

Rds on 0.150 ohm, Id cont. 38Amps, Pd watts 520,
Ciss(pf)5540 Qg (nC)242 removed from equipment,
no hardware. Same style as above. #APT6015, \$14.75

Motorola Switchmode II NPN power transistors. For
switching and inductive load drivers. 450VDC 15A
175 watts. TO-3 case. #BUX48A, Unused, \$3.25

Rectifiers

DIODES:

1 AMP 50 PIV, #1N4001, 20/\$1.00
1 Amp 400 PIV, #1N4004, 15/\$1.00;
1 Amp 1000 PIV, #1N4007, 10/\$1.00
6 AMP 200V, #MR752, \$1.00
12A 100V, #1N3890, 4 for \$3.00
35A 100V, #1N1184, Used, \$1.00
200 PIV 300 A; 4" tail. #D-R610-0230, Used, \$8.95
RF DIODES: 1N21, \$1.50; 1N23, \$2.50



HIGH VOLTAGE DIODE 3 PHASE
"Y" BRIDGE from 2000 VDC power
supply; six submodules each with
ten 1N1095 diodes & 5 capacitors
series-parallel. 3.3x2.3x3.7, 2 lbs.
#1540/ARC-58, \$10.00

Diode Heatsink Assembly



with six MR-1815-SL 300 PIV
100 amp diodes; heatsink
2.6x9.4x4.8, 4 lbs sh.
#DHS6-1815, \$29.95

SILICON CONTROL RECTIFIER
assembly single phase half-wave;
GE #C1411CX5 or equivalent.
Rating approx 500 V 35 amps.
7x6.3x5, 4 lbs shipping.
#KS-19576L1, Used, \$6.95



Heatsinks

Heat Sink Bonanza!!! Get 10 pounds of various
heatsinks in different shapes & sizes with or with-
out diodes & semiconductors. #HEAT-10GB, \$10.
As above but 25 pounds. #HEAT-25GB, \$19.95



HEATSINK, 6"Lx3.5"Wx1"H;
drilled three 7/16" dia holes
for diodes, 2 lbs.
#HS-10169, \$2.50

3x4.5x1.3 for two TO-36, #2T34513, \$1.25 ea

HEATSINK, 5x3x1.6; drilled for 3 large stud recti-
fiers (1" dia recesses), #3D528-8, \$2.00

AC Fans



5-BLADE COOLING FAN, 4.6"
dia rotation; no enclosure.
Mounting bracket hole centers
5.9" apart. 115 VAC 60 Hz. 2 lbs
shipping. Mfg by Airtrol.
#11-2100, New, \$4.95

AXIAL FANS, 4.7" sq X 1.5" thick; 115 V 60 Hz.

5-BLADE in metal frame; 18 W.
Various mfg. #FN-5U, Used, \$8.95



5-BLADE as above except .11 amp,
#TA450S, Unused, \$13.00



ROTRON TARZAN FAN, 6.8" square
X 4" D plastic frame fan moves 340
CFM of air from 115 V 50-60 Hz 85
watt input; 5 lbs shipping. #TN3A2,
Used-clean, \$19.95

6 Fan Panel

17.3"W X 10.5" panel frame
has six high output Torin
TA450S (or =) 4.6" square 5-
blade metal-framed fans.
Each fan rated 65 CFM and
requires 115 VAC 50-60 Hz
0.11 amps; 12 lbs. #6F-PNL, Used-excellent, \$39.50



DC Fans

Mini BOXER 12 VDC FAN, 0.13 amp; 3.6" sq X 1".
#3610NL, New, \$10.00



PANAFLO MINIATURE 12 VDC
FAN 2.3" sq.
#FBP-068-12L, New, \$7.95

PAPST 18 VDC 2 w / 30 VDC 3 W FAN 9-blades; 3.5"
sq X 1" deep. #3124F, New, \$9.00



CENTAUR 24 VDC AXIAL FAN, 11
watts but operates well at 12
VDC. 4.7"sqx 1.5" D metal frame
with 5-blade plastic fan; 2 lbs sh.
#CNDC24K4-601, Unused, \$8.95

SUNON 24 VDC FAN, 6 watts. 4.7" sq x 1.2" deep
plastic frame with 5 blades. Metal guards on each
side. #KDE2412, Unused, \$10.00

12VDC Fans



12VDC DC Fans with sleeve type bearing. New,
1.6"x1.6"x0.48", 3CFM, #BSS12/4LC, \$3.95
2.4"x2.4"x1.0", 11CFM, #BSS12/6LC, \$4.95
3.1"x3.1"x1.0", 15CFM, #BSS12/8LC, \$4.95
3.6"x3.6"x1.0", 22CFM, #BSS12/92LC, \$4.95
4.7"x4.7"x1.0", 44CFM, #BLS12LC, \$9.95

IC Sockets

LOW PROFILE

16 PIN, #ICS-16-LP, 12 for \$1.00
20 PIN, #ICS-20-LP, 10 for \$1.00
22 PIN, #ICS-22-LP, 6 for \$1.00
24 PIN, #ICS-24-LP, 6 for \$1.00

STANDARD

24 PIN, #ICS-24-S, 2 for \$1.00
28 PIN, #ICS-28-S, 2 for \$1.20
40 PIN, #ICS-40-S, \$1.00 each

WIRE WRAP

14 PIN, #ICS-14-WW, 6 for \$2.00
16 PIN, #ICS-16-WW, 6 for \$2.00
18 PIN, #ICS-18-WW, 5 for \$2.00

Selsyns & Synchronos

CONTROL TRANSFORMER 90/55 V 60 Hz;
3.6"Lx2" dia. 2 lbs. sh. #1HCT-MKII, Used, \$20.00

TRANSFORMER 90/1V / degree 60 Hz,
#23CT6, \$12.00

RECEIVER, 115 VAC 400Hz, #23TR4, used, \$10.00



TACHOMETER GENERATOR,
motor 265 V 400 Hz 2 phase:
generator 18 V 400 Hz
0.3V/1000 RPM. No load speed
10000 RPM. 2 1/8"Lx1" dia 3/16"Lx1/8" dia shaft.
#TACH-SEL-MOD, \$7.95

PHASE SHIFTER, unsymmetrical resolver; rotor 1
phase 5 V 30 Hz. stator 2 phase 5 V 30 Hz. 1.4"
dia x 2"L. #PS-17-E-1, used, \$10.00

AY-1 AUTOSYN as used in I-81/ I-82 indicators;
2 lbs sh. #AY-1, \$7.50

26V 400Hz Wind Selsyn, works with the I-81 and
others. 1/8" shaft. #WIND-SEL, Unused, \$14.00

UNITED STATES NAVY SYNCHROS, Description
and Operation, a copy of Publication #OP 1303
printed April 1958; 100 + page primer about sel-
syn/synchro theory and types.
#BK-USNS, \$12.50

Compass Indicators

3" DIA 0-360 deg-ree RADIO COM-
PASS INDICATOR, adaptable for
wind direction & antenna position
use; 5 degree increments, 2 lbs
shipping. #I-81, Used, \$13.00
Connector for I-81, #CONN-I81, \$8



BENDIX IN-4D LEFT-RIGHT
INDICATOR, 3" dia WW-2 vin-
tage instrument shows wing-tip
position relative to ground;
requires 24 VDC. 2 lbs.
#IN-4D, \$15.00

SPERRY MARINE INDICA-
TOR MARK XX MOD.2, part
of shipboard gyrocompass
repeater. Has 8" dia 360
degree scale in 1" incre-
ments under glass; uses
two Size-5 115 VAC 60 Hz
selsyn transmitters. One drives inner directional
indicator; second outer degree scale. With 7 ft
cable & special connector; 10" dia X 8.5"D; 45
lbs sh. #IN-SPERRY, Unused, \$125.00



Hupp Vehicle Fan



12 VDC HUPP FAN
with oscillating grill
designed for use in
cars, trucks, buses,
RV's, etc where
"extra" air movement

is desired. Plugs into vehicle cigarette lighter
and mounts on dashboard or other flat surface.
White plastic enclosure has black grill and pivots
on mount to adjust angle. Includes 4 ft cord and
brackets. 5 x 9 x 3.4, 4 lbs. #HUPP-200-14, NEW,
\$12.00; 3 for \$30.00

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

DC Motors

6 to 24VDC Gear Motor by Globe. Rated at 54 RPM at 24VDC; 23 RPM at 12VDC; and 11 RPM at 6VDC. Originally designed for 24VDC. Removed from the AM-3349 amplifier. 1/4" diameter shaft x 3/8" long. O/A 4.2x2x1.6, 3 lbs sh. #5A2871, Used, \$18.95

DC MOTOR, operates over 10-15 VDC 100 ma 2375-2425 RPM with governor. Shaft 5/16"L x 1/16" dia; o/a 2.9 x 1.1. #AST-GK26, \$8.00

MULTI-SPEED 24 VDC PM MOTOR can be wired for 11500 RPM 0.012 HP 0.7 amp or 3000 RPM 0.033 HP 2.3 amp operation; motor starts to turn at 9 VDC and is reversible. 6"x2.3" dia with 3.6" dia collar; geared shaft 0.6x0.4" dia. 3 lbs. Sperry mfg. #2960031, used, \$8.95

24-29VDC Motor by Globe Industries. No load ratings 60 RPM and 0.5 amp. Has removable cam on shaft. 1/4" diameter shaft. 5x1.5x1.5, 2 lbs sh. Used, #C5A1054, \$14.95

GLOBE 27 VDC MINI-PM MOTOR, p/o Collins 618T P-A; splined shaft 1/4"L x 1/8" dia; o/a 1.7"Lx0.9" dia. #41A205, used, \$7.50

GLOBE 27 VDC 1/100 HP MOTORS, 2.5"X1.3" DIA 11000 RPM, p/o ARC-45, #C-25A686, used, \$7.95

JOHN OSTER SERIES MOTOR, 27 VDC 1/100 HP 7000 RPM. 3"Lx2" dia + 1"L x 1/4" dia shaft; 2 lbs sh. #C2BP1A, Unused, \$3.95

28VDC 1.1 Amp Motor by John Oster Mfg. 12000 RPM. 1 oz. in. torque. 3/16" diameter shaft. o/a 4.8x2.3x3.3, 3 lbs sh. #BL-2-IS, Used, \$7.95; 3 for \$20.00

15 degree 4-PHASE VR STEP SERVO, 5 ohms 1.5 A; 28 VDC input pulse 3/4x 1/4" dia shaft; o/a 3x3 1/4x3, 2 lbs. sh. Made in Canada; removed from equipment. #20M34C1, \$10.00

NORTHFIELD ELECTRIC or HAMILTON BEACH, 28.5VDC, 2800 RPM motor. 3.1 amp with 1/40 HP. 1/4" dia shaft with removable gear x 1/2" long. o/a 4" x 2.3", 3 lbs sh., #1-1501, Used, \$9.95

As above but 1/33HP, 3000RPM, 2.5A, #AWC-1000, \$10.00

15 DEGREE STEPPER MOTOR from printer; requires +9 to +40 VDC. High speed & performance w/ driver circuit info. 1x1.3" dia shaft; o/a 5.8"x1.6" dia, 2 lbs sh. 2 ohm field, #RBM-2-62, \$12.50
4 ohm, #RBM-4-62, \$15.00
5.8 ohm, #RBM-6-62, \$17.00

MAGNETEK VARIABLE SPEED 3/4 HP DC MOTOR. 90 VDC 10 Amps 3450 RPM. Motor for CCW rotation comm end. 11.3 x 4.9 dia. 22 lb sh. #22254200, Unused, \$150.00

AC Motors

BODINE AC GEARHEAD MOTOR 200 RPM 1/7 HP 35 in/lb torque, counter-clockwise rotation; 115 VAC 60 Hz input. Shaft 1.3"Lx 5/8" dia w/ 3/16" square key. O/a 8.5"Lx5.6" dia; 14 lbs sh. #ECCI-35E200, used, \$28.95

240 RPM 115 V 60 Hz GEAR MOTOR for intermittent use; starts @ 32 V approx 200 RPM. Increased volts increases torque. Gearhead extends 2.8" beyond motor; 1.1"Lx1/4" dia shaft. Motor 2.8x2.8x2.4 + 5/8"x3/16" dia shaft for fan on rear, 3 lbs sh. #MOL-2460, unused, \$5.95

GENERAL ELECTRIC REVERSIBLE FAN MOTOR, ball-bearing 115 VAC 60 Hz 1 amp 225 RPM motor. Use with fan blades unless cooled by other means. Has mount flanges and 5 mf capacitor; 4.5"Lx5.5" dia + 1.5"L x5/8" dia hollow shaft, 11 lb #5KCP39EGH210, new, \$12.00; 2 / \$20.00

Ametek Shop Vac Motor. This is the very high speed motor used in some shop vacuums. Unit as pictured, motor only with small cooling blades. Shaft approx .5 inch long, 5/16 diameter. 5.3x4.6x4.6, 5 lbs sh. #17749-00, Unused, \$12.95; 3 for \$30.00

115 V AC-DC MOTOR, starts at 25 VDC, runs CW approx 7000 RPM 1/8 HP. 2.3x3x4.5 + 1.5"Lx0.4" dia spiraled shaft; 3 lbs sh. #AC-DC-H02, \$3.00

PRINTER MOTOR ASSEMBLY, 24 VAC 60 Hz geared to about 4 RPM; can be wired for clockwise or CCW rotation. 2.8x2.5" dia motor on 3.8" sq metal plate; 2#. #MIZ-M0375R, used, \$3.95; 3 for \$10.

Motor Start/Run Caps

MOTOR START AC ELECTRLYTIC. New not surplus.

110/125 volt
21-25mfd, #MSC125V21, \$2.98
124-149mfd, #MSC125V124, \$3.48
161-193mfd, #MSC125V161, \$3.69
189-227mfd, #MSC125V189, \$3.88
216-259mfd, #MSC125V216, \$4.15
270-324mfd, #MSC125V270, \$4.52
590-708mfd, #MSC125V590, \$7.73

220/250 volt
21-25mfd, #MSC250V21, \$3.69
30-36mfd, #MSC250V30, \$3.91
53-64mfd, #MSC250V53, \$4.83

MOTOR RUN AC METALIZED. New not surplus.

370VAC
2mfd, #MRC370V2, \$5.90
4mfd, #MRC370V4, \$6.46
5mfd, #MRC370V5, \$6.68
7.5mfd, #MRC370V7R5, \$7.41
10mfd, #MRC370V10, \$8.05
15mfd, #MRC370V15, \$13.68
25mfd, #MRC370V25, \$16.38

440VAC
10mfd, #MRC440V10, \$11.99
20mfd, #MRC440V20, \$18.65
25mfd, #MRC440V25, \$20.85

AC Capacitors

5 mf 220 V 1.8" dia x 4.5; cylind. #AC-5-220, \$2.00
7.5 mf 260 V, 2.8x2x1.3, #AC-7.5-260, \$2.00
3.5 mf 330 V 1.3x2.1x2.1; #AC-3.5-330, \$2.50
15 mf 330 V, 2.2x2.9x4; #AC-15-330, \$3.50
20 mf 330 V, 2.8x5x1.8; #AC-20-330, \$4.00
21 mf 345 V, 3.7x1.8; twin lead #AC-21-345, \$4.00
2.5 mf 360 V 1.2x2x2.6; #AC-2.5-360, \$3.00
3 mf 370 V 1.3x2x2.7; #AC-3-370, \$3.00
10 mf 370 V, 2.8x3x1.8; #AC-10-370, \$3.75
4 mf 380 V 1.3x2x4; #AC-4-380, \$3.50
7.5 mf 480 V 1.6x2.6x4.6; #AC-7.5-480, \$4.00
21 mf 525 V 1.9x3.5x6.7; #AC-21-525, \$7.00
5 mf 1000 V pk 2.8x6x2, #AC-5-1000, \$3.50

Multi-Section Capacitors

The Multi-Section Capacitors listed below are unused by various mfg. To see a further listing of multi-section caps go to fairradio.com/multis.htm

MFD	Volts	Part #	Price
80-100-30-10	175-400-400-150	3.8x1.5	#MULT-80, \$7.00
75-75	300-300	2.5X1.3	#MULT-75, \$7.25
30-20-160-40	450-450-250-150	3x1.3	#MULT-30, \$7.00

Brown Mica

JAN CM-size 1.8" x 1.6". Used, \$1.25:

MFD	VVDC	CM	Part #
.02	600	55	BM-02
.033	600	55	BM-033
.005	1200	55	BM-005

+++++

CM	MFD	VVDC	Part #	Price
55	.0003	1200	BM55-0003,	\$2.50
60	.0003	2500	BM60-0003,	\$3.25
65	.0062	2500	BM65-0062,	\$3.50

+++++

F1L-size MICA, 2.8x1.5x1:

MFD	VVDC	Part #	Price
0.006	2500	BM1-006	\$4.00
0.0001	3000	BM1-0001	\$4.00
0.0007	3000	BM1-0007	\$4.00

F3L 0.007mf 500VAC, #BM3-007, \$7.50

Transmitting Mica

G-SERIES TRANSMITTING CAPACITORS, used-good or unused as available.

G-1-type, 2.3"H x 2.8" dia; 3 lb \$7.50

KV	MFD	Part#
1.0	0.04	1TM-04
1.5	0.08	1TM-08
1.5	0.039	1TM-039
6.0	0.0002	1TM-0002
6.0	0.00024	1TM-00024

G2, 3.5"HX3" dia, \$12.00

KV	MFD	Part#
2.0	0.03	2TM-03
20.0	0.00005	2TM-00005

G3, 4"H x 5" dia, \$18.00

KV	MFD	Part#
2.5	0.15	3TM-15
8.0	0.016	3TM-016
10.0	0.00015	3TM-00015
20.0	0.000015	3TM-000015

G4, 5.5"Hx 5" dia. 8 lbs. \$32.00

KV	MFD	Part#
4.0	0.084	4TM-084

CHECK OUT OUR LATEST FEATURE ITEMS AT FAIRRADIO.COM

Electrolytic Axial

All the Electrolytic Capacitors listed below are axial lead and are new.



16 volts				
mfd	part #	price	4-9	10+
6800	ELE-6800-16	2/\$0.70	\$0.25	\$0.23

25 volts				
mfd	part #	price	4-9	10+
10	NEH10M25BA	3/\$1.00	\$0.31	\$0.28
22	NEH22M25BA	3/\$1.00	\$0.31	\$0.28
33	NEH33M25BA	3/\$1.00	\$0.31	\$0.28
47	NEH47M25BB	3/\$1.00	\$0.31	\$0.29
100	NEH100M25CB	2/\$1.00	\$0.43	\$0.35
220	NEH220M25CC	2/\$1.19	\$0.55	\$0.49
470	NEH470M25DD	2/\$1.50	\$0.71	\$0.67
1000	NEH1000M25EE	\$0.99	\$0.95	\$0.89
2200	NEH2200M25FF	\$1.79	\$1.69	\$1.59
4700	NEH4700M25HF	\$3.19	\$3.09	\$2.99

50 volts				
mfd	part #	price	4-9	10+
1	NEH1.0M50AA	3/\$1.00	\$0.29	\$0.22
2.2	NEH2.2M50AA	3/\$1.00	\$0.29	\$0.22
4.7	NEH4.7M50AA	3/\$1.00	\$0.29	\$0.22
10	NEH10M50BA	3/\$1.00	\$0.29	\$0.24
22	NEH22M50BB	2/\$1.00	\$0.43	\$0.35
33	NEH33M50CB	2/\$1.00	\$0.43	\$0.35
47	NEH47M50CB	2/\$1.00	\$0.47	\$0.43
100	NEH100M50CC	2/\$1.39	\$0.65	\$0.59
150	NEH150M50	\$0.99	\$0.90	\$0.77
220	NEH220M50DD	\$0.99	\$0.90	\$0.77
470	NEH470M50EE	\$1.19	\$1.09	\$0.99
1000	NEH1000M50FF	\$1.75	\$1.68	\$1.57
2200	NEH2200M50FG	\$3.09	\$2.99	\$2.89
4700	NEH4700M50JB	\$5.29	\$5.17	\$4.99

63 volts				
mfd	part #	price	4-9	10+
1500	ELE-1500-63	2/\$1.20	\$0.55	\$0.50

160 volts				
mfd	part #	price	4-9	10+
10	NEHH10M160CC	2/\$1.59	\$0.75	\$0.69
22	NEHH22M160DD	\$1.19	\$1.09	\$0.99
47	NEHH47M160ED	\$1.64	\$1.54	\$1.44
100	NEHH100M160FE	\$2.19	\$2.09	\$1.99
220	C-ET220-160	\$2.50	\$2.35	\$2.15

200 volts				
mfd	part #	price	4-9	10+
1	ELE-1-200	2/\$1.20	\$0.55	\$0.50

250 volts				
mfd	part #	price	4-9	10+
10	NEHH10M250CD	\$0.99	\$0.92	\$0.82
22	NEHH22M250ED	\$1.49	\$1.44	\$1.37
47	NEHH47M250FE	\$1.94	\$1.86	\$1.75
100	NEHH100M250GF	\$2.79	\$2.69	\$2.59
220	C-ET220-250	\$4.95	\$4.75	\$4.50

300 volts				
mfd	part #	price	4-9	10+
1	ELE-1-300	2/\$1.50	\$0.70	

350 volts				
mfd	part #	price	4-9	10+
33	NEHH33M350FE	\$2.59	\$2.39	\$2.19
100	C-ET100-350	\$3.50	\$3.25	\$3.00

450 volts				
mfd	part #	price	4-9	10+
10	NEHH10M450ED	\$1.27	\$1.19	\$1.10
22	C-ET22-450	\$2.70	\$2.50	\$2.30
47	C-ET47-450	\$2.95	\$2.75	\$2.50
100	C-ET100-450	\$5.25	\$4.95	\$4.50

100mf 16V PC Mt, #ELE-100-16, 4/\$1.00

Mylar

The MLR series is a range of radial lead non-polarized polyester film (Mylar) capacitors dipped in a hard epoxy coating material to provide excellent protection against moisture. These devices are intended for general purpose DC applications.



100 volt				
mfd	part #	price	4-9	10+
.0022	MLR222K100	3/\$1.00	\$0.29	\$0.22
.0047	MLR472K100	3/\$1.00	\$0.29	\$0.22
.01	MLR103K100	3/\$1.00	\$0.29	\$0.22
.022	MLR223K100	3/\$1.00	\$0.29	\$0.22
.047	MLR473K100	3/\$1.19	\$0.36	\$0.29
.1	MLR104K100	2/\$1.00	\$0.46	\$0.39
.22	MLR224K100	2/\$1.39	\$0.65	\$0.59
.33	MLR334K100	\$0.99	\$0.89	\$0.76
.47	MLR474K100	\$1.05	\$0.99	\$0.92

630 volt				
mfd	part #	price	4-9	10+
.001	MLR102K630	2/\$1.19	\$0.56	\$0.52
.01	MLR103K630	2/\$1.00	\$0.46	\$0.39
.022	MLR223K630	2/\$1.00	\$0.46	\$0.39
.047	MLR473K630	2/\$1.19	\$0.55	\$0.49
.1	MLR104K630	2/\$1.39	\$0.65	\$0.59
.47	MLR474K630	\$1.99	\$1.89	\$1.79

Orange Coating

All the Xicon Polypropylene (Orange Coating type) Capacitors listed below are in new condition.



630V				
MFD	Part#	Price	4-9 pcs	10&up
.001	X001	2/\$1.00	\$0.45	\$0.39
.0022	X0022	2/\$1.00	\$0.45	\$0.39
.0047	X0047	2/\$1.00	\$0.45	\$0.39
.01	X01	2/\$1.00	\$0.45	\$0.39
.022	X022	2/\$1.00	\$0.45	\$0.39
.047	X047	2/\$1.50	\$0.69	\$0.59
.1	X1	2/\$1.50	\$0.69	\$0.59
.22	X2	\$1.00	\$0.95	\$0.85
.47	X47	\$1.95	\$1.75	\$1.50

0.33mf 100V orange drop, #OR-33, 2/1
0.68mf 100V orange drop, #OR-68, \$0.95

1KV Disc Capacitors



Part #	Price	10-24	25+
3.3pf 9003D3	5/\$0.99	\$0.18	\$0.16
5.0pf 9005D0	5/\$0.99	\$0.18	\$0.16
10pf 90010	5/\$0.99	\$0.18	\$0.16
20pf 90020	5/\$0.99	\$0.18	\$0.16
47pf 90047	5/\$0.99	\$0.18	\$0.16
68pf 90068	5/\$0.99	\$0.18	\$0.16
90pf DSC-90	7/\$1.00		100/\$9.00
100pf DSC-100	7/\$1.00		100/\$9.00
120pf 90112	5/\$0.99	\$0.18	\$0.16
220pf 90122	5/\$0.99	\$0.18	\$0.16
330pf 90133	5/\$0.99	\$0.18	\$0.16
470pf 90147	5/\$0.99	\$0.18	\$0.13
680pf 90168	5/\$0.99	\$0.18	\$0.13
820pf 90182	5/\$0.99	\$0.18	\$0.16
1000pf 90210	3/\$0.99	\$0.29	\$0.19
2200pf 90222	3/\$0.99	\$0.29	\$0.24
4700pf 90247	3/\$0.99	\$0.29	\$0.19
7500pf 90275	3/\$0.99	\$0.29	\$0.24
0.01µf 90310	3/\$0.99	\$0.29	\$0.19
0.050µf 90350	\$0.99	\$0.94	\$0.88
0.10µf 90410	\$1.29	\$1.22	\$1.14

Metalized Polyester

All the Metalized Polyester Tubular Capacitors listed below are new.



630 volts				
MFD	Part #	Price	4-9 pcs	10&up
.001	PY001	2/\$1.50	\$0.69	\$0.59
.0022	PY0022	2/\$1.50	\$0.69	\$0.59
.0033	PY0033	2/\$1.50	\$0.69	\$0.59
.0047	PY0047	2/\$1.50	\$0.69	\$0.59
.01	PY01	2/\$1.70	\$0.79	\$0.69
.022	PY022	2/\$1.70	\$0.79	\$0.69
.033	PY033	2/\$1.70	\$0.79	\$0.69
.047	PY047	2/\$1.70	\$0.79	\$0.69
.1	PY1	\$1.25	\$1.15	\$1.05
.22	PY22	\$1.25	\$1.15	\$1.05
.47	PY47	\$1.25	\$1.15	\$1.05
.68	PY68	\$1.95	\$1.80	\$1.60

Misc Capacitors

2500mf 3V Can Type 3.5x1, #MC-2500, 6/\$1
4.7mf 35V drop tant, #MC-47, 3/\$1.
0.1mf 400V case ground, #MC-0.1, \$2.
3.3mf 400V metal. poly prop. #MC-3.3, \$2

FEED- THRU SUPPRESSION CAPS,
ERIE 1202 1000 pf 1KV. Used,
#1202-1000, 3/\$2.25

DIPPED MICA CAPS, +/-10% 100v;
3/\$1.00 #DIP-(specify pf),
pf: 18 22 27 33 82 150 220 470
2/\$1.00; pf: 750 1000 1200
* 1800 pf 300 v. 3 / \$2.50 *

RF Capacitors



CENTRALAB 850- TYPE
"doorknob" capacitors,
0.5"H x 0.8" di; Used, \$6.
#850-(specify pf),
10, 25, 28, 40, 50, 63, 67, 75 pf (7.5 KV)

1200pf 5KV from Ceramite, epoxy
make, same size as above.
#CERA-1200, \$6.00

TYPE 857: 15KV, 40 or 50pf,
#857-(specify pf), \$10.00

33pf 15KV from HEC type HT57, same
size & style as Cent. 857, #HT57, \$10

150pf 2KV low profile doorknob, 1.4"
diameter x 0.8" height, #RF534, \$6.00

25pf 5KV from HEC type MT53, axial
leads, #MT53, Unused, \$5.00

Computer Grade

MFD	Volts	Size	Part#	Price
23000	7	5.5x1.5	CGC-7	\$6.0
28000	15	4.5x2	CGC-15	1.50
40000	20	4.25x2.5	CGC-20	1.75
4900	50	3.5x1.5	CGC-50	2.00
3500	55	4x3	CGC-55	1.50
14000	75	6x3	CGC-75	4.25
1500	350	4.5x2.5	CGC-350	20.00

Buy 5 or more one type - take 20% off

CLAMP for computer grades:
2" diameter, #CL-2, 3 for \$2.00
2.5" diameter, #CL-2.5, 3 for \$2.25

HV Capacitors

Energy Storage Capacitors Non-PCB,



88MF 1.2KVDC, 10"Hx
4.5"Wx3.5"D, #HVC-88,
11 lbs. Used, \$17.50

5MF 1KVDC, 6"Hx2.75"Wx 1.5" D, 3 lbs
sh. #HVC-5, Unused, \$7.50

Energy Storage
Capacitor Non-PCB
8 mfd at 4KV Case
Ground; 8.3x3.5x2 7 lbs sh. #HVC-8,
Removed from equipment, \$14.00

0.4 MFD 100,000 VDC CAPACITOR, A
high voltage experimenter's dream! 41"
long x 8.7" diameter 0.4 MF 100,000
VDC capacitor removed from an exotic
government project! Non PCB. 1.4"L x
.5" dia #18 stud ends, 97 lbs sh.
#100MV04, \$350.00

Vacuum Capacitors



All Vacuum
Variables listed
below are 10-
1000pf at 5KV

and have 1/2" dia. shafts. Overall size
7.5" long x 2.8" diameter. Used high
pot tested. 5 lbs sh.
Energy Lab, Ceramic, #EL5-1000-5, \$189
Amperex, Ceramic, #CVC10/1K-5KV, \$200

Ceramic Vacuum
Variable Capacitors.
Each capacitor has a
3/8" dia. shaft with
removable pin. Used.

300pf at 10KV, 3 5/8"D
x 8 1/2"H, 7 lbs sh.
#CVDDB-300-10, \$245.00

200pf at 10KV, 3 5/8"D
x 8 1/2"H, 7 lbs. #CVDDB-200-10, \$245

1500pf at 10KV, 5.5"D x 9"H, 1/2" dia
shaft, 14 lbs, #CVDDB-1500-10, \$400.00
As above but 2300pf #CVDDB-2300-10, \$475

3.5-7 pf 35 KV 4.3"Lx3" dia, 5 lbs sh.
UNUSED, #CVA-7-5, \$75.00

FIXED VACUUM CAPACITORS

various mfg; used:
3pf 25 KV cer. #3.3Lx0.8, #CY-3-25, \$12
25pf 10 KV, 2.6Lx1.5, #JCS-2A-10, \$15
12pf 20KV; 6.5Lx2.8, #VC-12-20, \$14
150pf 20 kv; 3.3Lx2.3, #CFEA-150-7, \$75

R-C Networks



R-C Network - 0.47mfd
600VAC, 220 ohm 7 watt,
3 phase. Made by R-K
Electronics. 1.5x4.7x3,
#RCY6A-30, \$12.00

R-C Network - 2mfd
600VAC, 100 ohm 3
watt. Made by Electrocube.
1.3x2.9x1.3, #RG1676-7, \$9.95

R-C Network - 0.5mfd 600VAC, 220
ohm 1/2 watt. Made by Electrocube.
1.3x2.9x1.3, #RG1676-35, \$9.75

CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

Air Variable



5 Gang Air Variable Capacitor covering 20 to 425pf per gang with a .02" air gap.

Has a 3/8" diameter shaft x 1/4" long. Overall 6.4x3.2x2.8, 4 lbs sh. #5G-425, \$16.00

Same ratings as above except has a removeable right angle drive which accepts a MC-124 tuning spline.



Also has a longer shaft. With the right angle drive removed the shaft is 3/8" diameter with 1" length. #5G-425-GR, \$17.00



3 Gang, 4-25pf, 4-20pf, and 3-17pf. Air gap of around 0.03". 1.4"L x 1/8" diameter shaft.

o/a 4x1.4x1.3, 1lbs sh. #3G-25, Unused, \$6.00

SINGLE GANG 8-26 pf 0.06" air gap; 2.8" disc removes for 0.5"L x 1/4" dia shaft. W /four 1.8"H insulators. Capacitor 1.5x2.8x3.1 o/a



#T7660443-8, used, \$6.00



Single gang 6-35pf with screw driver adjust shaft. 500V or less. o/a 1.2x0.9x1.2, #1G-35, Unused, \$1.25

--- FM Tuner ---

H-K FM Tuner with AM capacitors, one FET/two transistor oscillator; requires -12V. Shaft 1"L x 1/4" diameter; o/a 3.5x2.3x2.8, 2 lbs sh. Mfg by Alps. #FB113U13, Unused, \$6.95



--TRIMMER CAPACITORS--

with screwdrive adjust shafts:

#C653/R174, 2-11pf, 2 / \$1.00
#C2-16, 2-15.7pf, 3 / \$2.00
#C103/382, 4-23pf, 3 / \$2.25
#C5-25, 5-25pf, NPO 3 / \$2.50

Sub-mini Piston Trimmer Cap 1.5-4.0pf 500V. By JMC mfg. #7666, Unused, \$5.00



TRIM CAPACITORS. Screwdriver adjust. These dielectric film

trimmers are used on PCBs, e.g. in radios. Suitable for industrial equipment thanks to their good stability. Rated for 250 volts. New, \$0.99 each.

PF	Dia	Temp. Max.	Part #
3.3-33	0.30"	158F	#TRIM30P
5.5-40	0.39"	158F	#TRIM39P
5.5-65	0.39"	158F	#TRIM65P
5.5-80	0.39"	185F	#TRIM80P

Resistors

1/2 Watt to 2 Watt Metal Resistors

1/2 WATT 6 for \$1.00	
Ohms	Part #
1	HW1D0
10	HW010
47	HW047
100	HW110
120	HW112
220	HW122
470	HW147
1K	HW210
2.2K	HW222
4.7K	HW247
10K	HW310
47K	HW347
100K	HW410
240K	HW424
1M	HW510

1 WATT 5 for \$1.00	
Ohms	Part #
1	1W1D0
10	1W010
100	1W110
180	1W118
300	1W130
510	1W151
1K	1W210
3.3K	1W233
10K	1W310
470K	1W447

2 WATT 5 for \$1.00	
Ohms	Part #
1	2W1D0
1.8	2W1D8
10	2W010
18	2W018
47	2W047
100	2W110
1K	2W210
2.2K	2W222
3.9K	2W239
10K	2W310
100K	2W410

Ohms	Watts	Part#	Price
1	100	RS-1	\$1.00
1.5	3	RS-1.5	5/\$1.00
1.67	35 flat	RS-1.67	3/\$2.00
2.5	50	RS-2.5	\$1.00
10	31 Dale	RS-10	2/\$1.00
15	95 Dale	RS-15	\$1.00
22	53 Dale	RS-22	3/\$2.50
2000	43	RS-2000	3/\$2.00
3000	68	RS-3000	\$1.00
40M	2.5"L x .6"D	RS-40M	\$5.00
80M	6.5"L x .6"D	RS-80M	\$7.00

Slide Resistors

with variable slide adjust:

Ohms	Watts	Part#	Price
4	25 W + 4 fixed	SR-4	3/\$2.25
16	225	SR-16	\$7.50
20	25	SR-20	\$1.00
50	160	SR-50	\$2.50
100	150	SR-100	\$2.50
250	200	SR-250	\$3.00

*** + + + + + ***
WARD LEONARD ENCLOSED 40 OHM 300 W vari-resistor; 600 V max. Fits 0.5" dia shaft. 3H x 6.5 2130-40, \$14.00

*** + + + + + ***
DALE 70 WATT 5% 6-RESISTOR BANK, two ea 4 & 7 ohm. one ea 6 & 8 ohm; 6"Lx 3" H. #R6X70W, \$4.50

Rheostats



First set of numbers after RHEO-prefix is wattage; your choice of ohms is second set. SCD= screw-driver adjust type. Style varies; USED or UNUSED:

#RHEO-25W-(ohms), \$1.50 ea
6-scd, 7, 35-scd, 60-scd, 200-scd, 350, 400, 500,

#RHEO-50W-(ohms), \$2.25 ea
0.5, 5, 8, 15, 18, 20, 200, 225, 300, 375
DUALS, \$4.00 ea:
#RHEO-D50W-16, Dual 16 ohm, \$4.00
#RHEO-D50W-35, Dual 35 ohm, \$4.00

#RHEO-150W-2, 2 ohm, \$3.50

#RHEO-225W-3, 3 ohm, \$4.00

#RHEO-300W-50, 50 ohm, 3 lbs. \$8.

Potentiometers

ALPS or = with switch; 5/8" dia + term. Shaft 1/4" dia. \$1.00 each:
#POT-10K, 10K ohm
#POT-50K, 50K ohm
#POT-100K, 100K ohm

10-TURN PRECISION POTS, 1/4" dia shafts. 100 ohm 2.8"Hx1.8"Dia. #A-R100-L25,\$7

ALPS 10K ohm potentiometer with a pull on / push off DPST switch. 1/4" diameter shaft. Probably good up to 1/2 watt. Used, #N-800, \$2.95; 4 / \$10

Grimes Four Section Potentiometer with knob. 1 K ohm at 2 watt per section. #A-4627, Unused, \$2.95

Cases & Enclosures



Black Aluminum Slope Front Enclosure. Top of slope stands 3 1/4" and the base of the slope is 1 3/8" tall. 4 7/8" deep x 8 1/4" wide. 3 lbs sh. Unused, #ENC-SLP, \$7.00

STEEL ENCLOSURE

with metal feet and hasp fastners. 6.5"Hx 9.3"W x5"D; 5 lbs sh. Used. #ENC-RM-39, \$3.00 ea; 2/\$5.00



Cast aluminum box with cast end pieces and two duplex grounded outlets. Made by Hubbell. Outlets are rated for

125VAC 20 amps. Has rubber gaskets around sockets and end frames. All screws and a connector on one side are missing. Add some screws, cable, cable strain relief and you have a nice strong outlet box. Plenty of room to add MOV's. 5x2 5/8 x4 1/8, #DCX80118, Unused but removed from equipment. \$6.00; 2/\$10.00

Steel Ammo Box, ideal for your tools. Inner Dimensions are



3.4 x 10 x 6.5. Hasp fastener on one side and hinged on the other. Slight rust. Carrying handle. 6 lbs sh. #ENC-AMMO, Used, \$5.00; 6 for \$20.00



Ideal enclosures for your next project! All items below are black aluminum chassis with dark grey front panels. The top and bottom of each of the units are heatsinked with 1/10" fins. The overall dimension of each unit is 9 5/8" deep x 5" tall. All enclosures have multiple 1/4" diameter holes on the front plate. They differ according to width. Used excellent.

1 15/16" Wide, 3 lbs sh, #ENC-4-2, \$7.50
4 1/8" Wide, 4 lbs sh, #ENC-10-4, \$10.00
5 9/16" Wide, 5 lbs sh, #ENC-8-6, \$12.00



Low profile cast aluminum enclosure. Removeable top. Has some small holes. 5.8x2.5x1.6, 2 lbs sh. #LP-1 used, \$4.95

Equipment Glides

Military quality for rack mounting; 2"W x 16.5"L; chassis slides have 19" travel. Load rating approximately 100 lbs; 6 lbs sh. #GL-1621, used, \$13.00 per pair

POWER WIREWOUND



5 WATT 3 for \$1.00	
Ohms	Part #
0.1	5WD10
0.22	5WD22
0.33	5WD33
0.47	5WD47
1.0	5W1D0
2.2	5W2D2
3.3	5W3D3
4.7	5W4D7
5	5W5D0
10	5W010
22	5W022
39	5W039
47	5W047
100	5W110
330	5W133
1K	5W210
4.7K	5W247
10K	5W310

10 WATT up to 1K ohm 3 for \$1.15	
Ohms	Part #
1.0	10W1D0
2.0	10W2D0
2.7	10W2D2
3.3	10W3D3
3.9	10W3D9
5.1	10W5D1
6.8	10W6D8
8.2	10W8D2
10	10W010
15	10W015
22	10W022
27	10W027
47	10W047
100	10W110
150	10W115
1K	10W210

25 WATT 2 for \$1.59	
Ohms	Part #
1.0	25W1D0
2.0	25W2D0
2.7	25W2D7
3.9	25W3D9
5.1	25W5D1
6.8	25W6D8
8.2	25W8D2
10	25W010
15	25W015
20	25W020
27	25W027
47	25W047
75	25W075
100	25W110
150	25W115
220	25W122
1K	25W210
2.2K	25W222

10 Watt over 1K ohm 2 for \$1.09	
Ohms	Part #
2.2K	10W222
4.7K	10W247
10K	10W310
18K	10W318

Precision Resistors

DALE (or =)
POWER RESISTORS
metal-type:

Ohms	Watts	Tol.	Part#	Price
1.96	30	1%	PR-1.96	\$2.00
12	100	5%	PR-12	\$3.50
50	20	3%	PR-50	\$1.25
1370	50	1%	PR-1370	\$2.50

All the resistors below are 3 / \$1.00

Ohms	Watts	Tol.	Part#
1.5	3.0	5%	PR-1.5
5	0.33	1%	PR-5
90	0.50	1%	PR-90
600	0.25	1%	PR-600
58K	0.50	1%	PR-58K
1.04M	0.33	1%	PR-1.04M

Ohms	Watts	Tol.	Part#	Price
0.33	3	1%	PR-0.33	2/\$1.00
3000	2	1%	PR-3000	2/\$1.00
902K	2	1%	PR-902K	3/\$2.25

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Enclosures & Cases



ALUMINUM SEALED DIE-CAST ENCLOSURE. These enclosures provide effective EMI- and RFI-shielding.

The mounting holes and the screws for the lid are outside the sealed area, which prevents moisture and dust from entering the enclosure. New.

2.5" x 2.3" x 1.4", #G104, \$5.74
4.5" x 2.6" x 1.2", #G106, \$8.32
6.7" x 4.8" x 2.2", #G1201, \$23.34
8.7" x 5.7" x 2.2", #G124, \$25.30

Molded Plastic in high-impact ABS, fire-retardant - dark gray. These cases in molded plastic have a two-piece design with a tongue and groove joint between the top and bottom half. Non-scratch surface with a high-quality finish. Guide slots are provided for vertical PCB mounting and slots make horizontal PCB mounting possible. New.



3.5" x 2.0" x 0.9", #G403, \$2.28
3.5" x 2.0" x 1.3", #G404, \$2.34
4.7" x 2.4" x 1.2", #G407, \$4.42
4.7" x 2.4" x 1.6", #G410, \$4.46
5.9" x 3.1" x 1.8", #G416, \$6.26
7.5" x 3.9" x 2.4", #G421, \$9.95

This plastic utility box is molded in impact-resistant ABS and has card guides spaced at intervals of 7.9" to allow flexibility in the spacing of the components or the creation of compartments. Guides will accept cards with a max. thickness of 0.06". New.

3.7" x 1.9" x 1.5", #G1068, \$2.14
5.3" x 3.0" x 2.0", #G1098, \$2.78

These enclosures consist of high-impact ABS (operating temperature: -4°F to +212°F). The lid and the base equipped with a tongue and groove sealing system with a neoprene gasket. The mounting holes and the attaching screws are outside the seals, which prevents moisture and dust from entering the enclosure. Internal guide slots allow the vertical mounting of PCB assemblies. The guides on the internal base allow the horizontal mounting of PCBs. New.



2.5" x 2.3" x 1.4", #G302, \$4.08
4.5" x 2.6" x 1.6", #G304, \$6.26
6.7" x 4.8" x 2.2", #G313, \$10.82
10.4" x 7.3" x 4.0", #G378, \$26.06



1LARGE ALUMINUM TRANSIT CASE with rounded corners, hasp fasteners & carrying handles; 20.8"Hx28"Wx17"D including 6"H top. Spot welded compartments + 2 nesting trays; 66 lbs. #CY-3700/PRC-47, used, \$28.00



INSTRUMENT CABINET for HP-test set; adapt to other uses. 7.6"H x 19"Wx9"D +

4"D cover less 1" overlap; three 6"Hx5"W compartments; w/fasteners & strap; 17 lbs sh.

#CS-HP3550, used, \$27.00

Cast aluminum boxes for those RF and other projects where an inexpensive sturdy box is needed. Boxes have various late 1970's transistors and components and circuit boards. Used condition.

Cast aluminum box. 7.5 x 2.625 x 7.5 has sheet aluminum side panels and male DB9 connector. 2 lbs sh. #BOX68429, \$5.00



Similar to above but has 5 internal compartments separated by cast walls. Four sections each 13/16 x 4 1/8 x 1 1/16 and one section 2 13/16 x 2 3/16 x 1 5/16. 2 lbs sh. #BOX295C, \$6.00

Medium cast box 6 1/2 x 4 1/4 x 1 1/2 with provision for mounting circuit board at approx 3/4 inch depth. Two sheet aluminum covers. 3 lbs sh. #BOX641, \$8.25



Inductors & Coils

#C-447 coil for BC-610 xmmitter 4.5"L x 4.5" dia; 3 lbs sh. Unused, \$12.00

MO & PA TANK COILS from 10 to 12.5 KHz TU-10 TX tuners. Ceramic coil 5"Lx2" dia on 7"x3.1" mount bracket; #12 wire, 2 lbs sh. Used: #2697/TU10 PA; 1.35 uH, \$4.00

1.25MHy RF choke with ceramic post mount, Overall 2.7" L. #L-RF1.25, \$3.00

400UHy RF choke axial lead, #L-RF400, \$1.25; 5 for \$5.00

TELEPHONE PICK UP COIL p/o modem coupler; no info. 5/8x1.8" dia. #403-4, \$1.00

FERRITE CORE INDUCTORS PC mount; 7/8x 3/4" dia. #NV243, 123-177 mH, \$1.50

Small Inductor, 1.5 mH, 1 ADC, 5V, 12KHz, .5 ohm DCR, PC mount. #80063, \$1.95; 3 / \$5.00

Inductors & Coils



ROLLER INDUCTOR ASSEMBLY with 115 VAC 400 Hz motor drive, 3.4" lg x 1.75 dia coil; 28 turns #18 wire approx 14 uH

with center tap. Designed to resonate antenna to a transceiver's frequency. 4.5x2.8x3.8, 5 lb used #T301/CU-991, \$7.50

ANTENNA LOAD ASSEMBLY from AM-3349/GRC-106, includes C26

1000pf at 5KV vacuum variable capacitor, C27 15-355pf air capacitor, 26 1000pf feed-thru caps, L1 0.5 to 40UH variable inductor, L2 37UH fixed inductor, S1 2-deck 5-position ceramic switch and two Globe or = 24 VDC motors. 5.5 x 9.5 x 5.5, 10 lbs shipping. #3349-02, Used, \$250.00



L5 ROLLER INDUCTOR, 26 turns #18 silvered wire 2"Lx1.1" dia coil: 8.4 uH

max. 115 V 400 Hz motor drive like above; runs on 26V 60 hz. Adaptable to direct drive. O/a 6x3x4.75, 3 lb #L5/ARC-58, \$12.00

ROLLER INDUCTOR KITS includes

4.4"L x 1.5" dia ceramic coil with 40 turns #14 silvered-wire, roller wheel, guide shaft & springs. 3/8" dia shafts have removable pinned gear. End support plates not supplied; 3lbs sh. #L22-PRC-47, 22 uH, \$16.00
#L35-PRC47,35 uH w/ part slug core \$15
#L40-PRC47,40 uH w/ full slug core \$15
40 UHy Coil on a ceramic form with 9 taps. #16 wire. 39 turns. 4.7"L x 2" diameter. #L-4016, \$10.00



RF MASTER OSC COILS: pull out of T-22 / ARC-5 7-9 MHz xmmitter; #T53/6032, \$4.00
Ceramic 2" Hx1.6" diameter base. #L101/ART13, \$4.00



Coil Forms

Small Ceramic Coil Form consists of 35 grooves in a 1.7" space. o/a 3.1"Hx1.1"dia. #CF-5, \$2.50

Small Ceramic Coil Form consists of 10 grooves in a 0.5" space. o/a 1.7"Hx1"dia #CF-1, \$2.00

3 pin Plastic Coil Form which fits BC-611. o/a 0.9" dia. x 1.9"H, #CF-3, 2/\$1.00

Stepper Relays



LEDEX 28 VDC SOLENOID, 8-position 45 deg stroke. Start torque: 5 lb-in 35 W (15 lb-in holding) cont. duty; 32 lb-in 700

W 1/20 duty. 7S-size 2.8" dia x1.9" W; 1/2x3/8" dia shaft. 4 lbs. #S-8210-025, Unused, \$4.95

Sensitive Relays

SENSITIVE RELAY SPDT 6 to 12 VDC 1500 ohms, contact adjust. 2.8x2.2x2.3 1 lb sh. #RM39/1901, used \$1.50



Sealed SENSITIVE RELAY, 50 ohms 28 ma coil; DPDT contacts. Solder hooks; 1x1x2 1/4. #R400-2B-50, \$2.95

ULTRA-SENSITIVE P&B 6 VDC DPDT RELAY, coil 500 ohm res. < 40 mv nom. power. Contacts rated 2 amp @ 28 VDC/120VAC; solder or socket mount.

#R10-E1Y2SS500, Unused, \$3.50

RELAY SOCKETS

10-BLADE Relay Socket for track mount of above; pressure screw terminals; 2.8x1.4x2. Weidmuller mfg. 1 lb. #RS-10, Unused, \$2.50

P&B 4PDT RELAY SOCKET w/screw terminals, Rated 5 A 300 V max. #27E166, Unused, \$3.00

REED RELAYS

4-REED RELAY CIRCUIT BOARD, 3 / 500 ohm & one 5K ohm 10-15 VDC relays; also a 26 VDC DPDT sealed relay. #792-312, \$3.00

ELECTROL 5 VDC REED RELAY, low current SPST norm-open contacts; 0.7"x2.5"x0.6". #R4376-2, NEW, \$2.25

SOLID STATE RELAYS

Solid State Relay by Gordos. 3-32VDC input, 240VAC at 10 amps. 2.2x1.8 x1, #G280D10V, Used, \$8.75



EMAIL US YOUR INQUIRIES AT FAIRRADIO@FAIRRADIO.COM

Standard Relays

OPEN FRAME RELAYS
with heavy 10 amp silver contacts; mi-calex insulated. 1.8x2.4x1.8, 1 lb sh. **USED-CLEAN:**

DPST NO, coil 115 VAC 60 Hz 400 ohms, #22-4383, \$14.00
DPDT, coil 6.3vac1 ohm, #22-4384, \$16
DPDT ceramic, 28VDC coil, #1007-BF, \$8.00

SPDT 9.6-15.8 VDC relay 206 ohm coil; used in GE mobile transceivers. For solder or socket connections. 1x1x3/4. #3SBW1001A2, Unused, \$1.50 each. 24/\$25.00

DPDT P&B PLATE RELAY; sealed metal can, requires octal socket. 2.5x1.5x1.4, #KR-4175-1, Unused, \$2.

OMRON 3PDT RELAY, 24 V DC 650 ohm coil; 2 A contacts. 11-pin plug-in/solder lugs. 1x1.5x0.8; #OM-MY3, \$2

P&B 3PST 120 VAC coil, 10 amp 1/4 HP contacts; clear cover, w/socket. #KU-4666, \$3.25

4PDT 12 VDC 185 ohm coil, 2 A 29 VDC cont; w/ socket. 1.1x0.7x1.3; #TF154-CC, \$2.00

DUAL DC COIL each 3PST; one 24 V, other 48 V. PC-mt. 2.8x1.5x1.3; #116-2601, \$2.50

115 VAC 60 Hz COIL 25 amp @ 28 VDC/ 115 VAC contacts; solder terminals. 1.8x 3x1.8; #26S20/2054, Used, \$4.00

K3 Relay removed from the T-368. 380 ohms 115VAC 60Hz. High voltage: SP-NC 2500VDC at 500ma. Low voltage: SPDT 500VDC at 10ma. #K3-T368, \$25.00

Open frame relay 24VDC 230 ohm coil. 3PST N.O. 10 amps 120VAC / 5 amps 240VAC. SPST N.O. 1 amp 24VDC #DOUX-2055, \$3.95

4PDT 48VDC 3700 ohm coil; 1x1.5x1.7, #MHX4069, \$1.50

DOLLAR DAZE RELAY KIT, five mixed relays various voltages AC/DC. #DD-56-98, \$2.00

Coaxial Devices

SPDT Microwave Switch designed for high performance in microwave systems to 12.4 GHz. Has three TNC connections. Requires 24-30VDC. 3x2.70.9, Jay-EI Products. #D2-313B008, used, \$40.00

RE-275 APDT Coax Relay, operates over 100-400 MHz, 24-28VDC coil. VSWR better than 1.1; cross-talk better than 60DB. Three BNC connections. 2.5x 3.2x1.7, 2 lbs sh. #RE-275, Used, \$25.95

6VDC SPDT Coax Relay by Danbury-Knudsen. For use with transmitter. Has two female BNC connections and one solder connection. #CR119, Unused, \$24.00

4000 ohm SPDT Coax Relay by Danbury-Knudsen. Has 3 female BNC connections. #CR37, Unused, \$25.00

Coaxial Transfer Relay, 4 BNC connectors which switch from AD BC to AB CD. Allows a preamp or some other device to be switched into a coaxial line or bypassed. 24VDC coil. #10CSA2/2-01, used, \$30

Miniature coaxial SPDT can relay for low level RF switching. Also has SPDT contacts. 26.5 vdc 675 ohms. HI-G d'italia #RFK 6396, \$10.00

Same as above, but relay is in metal box with 6 very small coax connectors (SML ??) #RE-612-2, \$12.00

Broadband Coaxial Protector by Polyphaser, has male to female type N connections. Frequency coverage is 50MHz to 700MHz. Maximum Power: VHF 375W; UHF 125W. 1.8x2.5x1.5, #IS-50NX-C1, Used Excellent, \$25.00 ea.; 6/\$100.

Contactors

CONTACTOR RELAY, 12 VDC coil & 12 V SPST norm-open contacts; 20 amps. Mfg by Massy Ferguson. 2x1.8x1.1; 1lb sh. #81-2450-1, \$3.00; 10/\$20.

SIEMANS CONTACTORS, 80 VDC coils, 2 lbs. NEW: 2 NO+2NC; contacts 230/600 V 3/1 amps. Aux contact 10A 240 VAC; 2.8x1.8x1.8. #3TH12022 \$6.50

8PST CONTACTOR, rated 660 VAC 6 amps; coil 80 VDC. 3x4.5x1.8, 2#. Schindler #MRG-44E, NEW, \$14.95

INTELLITEC Special Latching Relay made for the RV industry to insure that the battery is disconnected when the RV is not being used. 12 VDC Latching relay w/ 100 ADC SPST contactor. Momentary application of 12 VDC causes activation. Reverse the 12 VDC and the contacts open. Use for your amateur radio equipment or solar system applications. 3.5x3.5x2.5; 1 lb #01-00055 \$15.00

Vacuum Relays

Kilovac (equal to Jennings RB1H) SPDT 26 VDC 270 ohm coil; 12 KV pk AC/DC 15 amps cont. W/ mount flange; 2.3"Hx1.5"dia, 1 lb. #H-8, Used, \$59.50

SPDT 335 ohm; 3.6 KV pk 18 A AC/DC. Max-open/release: 6 ms. 1.3"Hx0.8" dia, used less hardware, #RJ1A-26S, \$45.00

SPDT 8 amps at 2KV Jennings vacuum relay. 26 vdc, 920 Ohm coil. Mounts in 1/2" hole. 1.6" long. One terminal trimmed but usable. #RF1E-26N591, \$25

Vacuum Contactors

JENNINGS SPDT CONTACTOR RELAY, rated 1 KW @ 300 MHz, 3 KV test. Actuator 6 VDC. Has 4-pin Cannon power & three SC coax connections. 3.5x3.2 x4, 2 lbs. #RC47R6153M430, NEW, \$75.

JENNINGS SPST VACUUM CONTACTOR for 3-1/8" (78 mm) dia hardline coaxial hook-up; rated 25 KW @ 30 MHz; 20 KV peak test; actuator 19-29 VDC. 4x8x3.8, 7 lbs. #RC10A5225A24, Unused, \$99.00

JENNINGS SPDT RF CONTACTOR for high power transmit and process equipment. 26.5 VDC actuator switch rated 300 amps @ 2.5 KV peak; pk test 10 KV 60 Hz. Sealed enclosure w/ mount flange; connector not available. 5x 5.3 x9.5, 22 lbs sh. #RF20BLDE812-I, \$150.00

Tap Switches

ELECTRO SWITCH TAP SWITCH, 9 Deck 3 Pole 3-positions: ABFIJ-BCFGJK-CDGHKL per deck. Rated 7.5 amps 125 VAC; 7"Lx3.8" #ESI265096, Used, \$15.00

Miniature Tap Switch, 1 pole 7-position rated 1 amp 1x1/2". #MTS-7, \$2.00

2-deck 4-pos continuous turn; 120/240 VAC 10/5 A. Shaft 3/16" dia, LESS knob. O/a 3"H. #LOV-230, Used, \$2.50

THREE DECK 7-POSITION TAP SWITCH w/ screw terminals; 10 amp shorting contacts. 1.8x2.3x1.1 + 1.3" x 0.3" dia shaft. #ES32303LM, \$3.50

Attenuators

ELCOM ATTENUATOR, 10DB w/ SMA conn; Ag-plated, 1.5x0.5" dia. #AT-53-10, \$10.

VARIABLE 6-STEP ATTENUATOR, ladder network in 10:1 ratio. Attenuates 0.1 V down to 0.1 uv; 50 ohm impedance. BNC input & output connection; shaft 3/4"Lx 1/4" dia with gear drive. Silver-plated; p/o 0.01 to 50 MHz RF generator. 3.5x4.8x3.5, 4 lb #AT101/URM25, used, \$19.00

75 ohm Alan Industries Fixed Attenuator, 3.0DB at 30MHz and 3.3DB at 1GHz. Has a BNC male on one end and a BNC female on the other. #75SP3, \$12.00

ROTARY TURRET 50 OHM COAXIAL ATTENUATORS from Empire NF-105 field intensity meter; to operate pull knob and rotate to next index. Mechanism is spring loaded to engage next attenuator element; 5"Lx3.4" dia, 5 lbs.

0-20-40-60-80 db with BNC female chassis connectors on 7.5" cables. #ATTNF105-0-80, Used, \$24.95

40-50-60-70-80-90 db; female BNC chassis & male N conn on 7.5" cable, #ATTNF105-40-90, \$19.95

One of each attenuator, #ATTNF-105-PR, \$39.50

PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

Toggle Switches



Some single hole mount, some with mount plates; CH = Cutler Hammer, Unused unless otherwise noted:

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AIRCRAFT-type Toggle, two hole mt:
SPDT 5A/125V, #B-9A \$1.00
(on-off-on)

DPDT 20A/125V, CH, #8710K3, \$3.00
DPDT 20A/125V, CH, Radium tip
on-on momentary, #3023-10B, \$2.50
DPDT 20A/125V, CH, on-off-on,
#8700K3, \$3.50
SPDT 50A/125V, CH, on-off-on,
#8854K2, \$4.50

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INDUSTRIAL-type TOGGLES:

DPDT 10A/125V, CH, on-on
momentary, #ST-52R, Used, \$.60
DPDT 6A/125V AH&H, on-on; 1" mt
barrel, 1/2" dia. white ball cap,
#T-WB-87, \$.2

SPDT 6A/125V, Carling, #TG-CAR, \$.2.
DPDT 10A/125V, mfg CH, #ST-52N, \$.2.
3PDT 15A/125V, CH, #7614K2, \$.250
DPDT 6A/125V, CH, Bat Handle,
#TG-B-CH, \$1.75
4PDT 15A/125V, CH, Bat Handle,
#TG-4PDT, \$3.00
3PDT 15A/125V, CH, on-off-on,
#TG-3PDT-3, \$3.50
3PDT 15A/125V, CH, #TG-3PDT-2, \$.3.
3PDT 16A/125V, A-H&H, on-off-on,
#TG-AHH, \$3.75
DPDT 15A/125V, CH, Bat Handle,
#TG-B-DPDT, \$.250

Mini Switches



Black= Blk. White= wh. NEW:

SPDT on-off-on, wh. toggle (b); Alco
#MLD106E, \$0.75

SPDT on-on, blk. rocker (c) JBT

#MR2-123, \$0.65

SPST black rocker (not mini) Carling
mfg. #123, \$0.60

SPDT mom push switch; C-NC-NO.,
C&K mfg. #8125, 2/\$1.00

DP3T one side mom. (f) toggle; Alco
#CST-023TA, 2/\$1.00

DPDT on-on slide (h), #MINI-SL, 6/\$1.00

SUB-MINI SLIDE SWITCH, SP 3-pos:

#SLS-131PC, 4/\$1.00

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Mini-Toggles, 120 VAC 6 A:

SPDT ON-ON, Used, #MINI-1, \$.60

SPDT ON-Off-On, Used, #MINI-2, \$.75

DPDT On-Off-On, Unused, #MINI-3, \$1.25

Push Button

#67137-506, 13-button Push-on/Push-
off; 8.8" W. \$7.50

KLIXON 15 AMP PUSH
BUTTON w/2.3" W mount
flange; fits 1.4"x0.8"x
1.4"D hole. #43A8304,
unused, \$1.50

MICROSWITCH ALM-20 push-On/
push-Off SPDT switch w/red 5V LED;
0.9" sq x 2"D. #ALM-20-5V, \$2.50

Circuit Breakers

AN-3161- style Push Button 5 amp
breaker, 24-30 VDC; 2x2x0.8.
#3161-5, \$1.25 ea



TOGGLE 30 VDC breakers:
#AN-3160-5, 5 amps, \$2.75

AIRPAX BUTTON BREAKER rated 250
VAC/50 VDC 2.7 trip amp; 2.4Hx
1.4Wx0.6"D. #PR11-1-2.00A-XX-V, \$1.50

HEINEMAN AM12HK- type
.5x2.8x2.3
32 VDC, 8 A, #AM12-8, \$2.50
32 VDC, 20A, #AM12-20, \$.3.
60 VDC, 20A, #AM12-60, \$3.50

HEINEMAN CD2 type breakers,
ganged two pole. 4.8x2x4, 2 lb NEW
#CD-2-Z74-2, 10 A 132 VAC T.D. 2;
125 A 10 VDC T.D. 3. \$2.75

Crystals

JK02 Ovens for CR-26 xtal. 6 - 24 VAC/
DC; plug into octal socket. Less xtals;
Used, #251B1001 for one xtal, \$2.25
#251B1003 for two xtal, \$2.75

FT-241 XTAL SET for BC-604 (SCR-
508/528) WW-2 xmitter 80 xtals (chan
0-79), #FT-241-SET, \$85.00

200KHz FT-241 XTAL, #FT-241-200, \$.4

XTAL Socket Adapter for 2 xtals w/
0.5" O.C. pins; octal base. #Z2307-
166, \$1.50

Baker's
Dozen
Crystal

Socket Assembly, 13 ceramic crystal
sockets CR-23 style mounted on an
aluminum strip. 9"L x 1.2"W x 0.9"H,
2 lbs sh. #CR-23-13, \$6.50

Misc. Switches

MICROSWITCH KIT, five SPST
VARIOUS style. #MSW-KIT, \$1.25

C&K KEY-SWITCH for
electronic equipment;
SPST 4 amp 125 V rated.
Two keys; 5/8" dia, 1"
depth. #CK-KY-SW, Unused, \$4.00

ROCKER SWITCHES, 1.6"Wx0.6"Hx
1.3"D; mt flange 1.9"W
#0319, SPST, \$0.39; 3 for \$1.00
#0320, SPDT momentary both sides,
\$.65 ea. 2 for \$1.20

ROCKER DIP SWITCHES
SPST for PC board use. Can
be soldered or fit in socket.
Grayhill mfg. 4 sw, Unused,
#76SB04, \$0.65 ea; 6/\$3.00

KLIXON THERMOSTAT SPST 4
amp 250 V. Open @ 170°F +3;
20 differentil. 2.6" dia X 0.9"D.
#C-2851-5, \$3.00

--- LEVER SWITCHES ---
4PDT one side 2PDT other side, both
sides mom. #1155,
Unused, \$2.00

Fuse & Fuseholders

Large Industrial Syle Fuse by Gould
- Shawmut Amp-trap Form 600, 175
amp 600 Volt AC-DC. 9.5"Lx1.5"dia.
#600-175A, Used, \$5.00

GE Type EJO-1, Model 9F60FJD100,
Size D, 12" clip spacing, 100E Amp,
4800 V, 15.9"L x 3"dia, 10 lbs sh.
#EJO-1, Unused, \$19.00

3AG 1 amp Fused, #3AG-1FA, 10/\$1
Slo-Blo 3AG 1 amp; #3AG-1SL, 10/\$1.25

LIGHT INDICATOR
FUSEHOLDERS
for 3AG fuses;
1.6"D behind panel. O/a 2.9"L; used:
22-33 V amber, #FU-HKX, \$2.00
115 V, clear, #FU-HKL, \$2.50

5AG / AGU In-line Fuseholder,
#FH-SAG, Used, \$2.00

Bandpass Filters



F-1482/GRC BANDPASS FIL-
TER, three 30-88 MHz tunable
helical cavities with dial locks
and 1.5" dia 0-60 Watt meter;
switch for 6 or 60 W Phase,
Reflected or Forward W. BNC
output connection; special
RF input connection. Rugged
military design; 8.8x2.5 x9, 10
lbs sh. #F-1482,
GOV'T-RECONDITIONED, \$50; 3/\$125

K & L
Tubular
Bandpass

Filter. Six section filter. 26 MHz BW.
200 watts. VSWR = 1.5:1. Center fre-
quency is 257MHz. 50 and 75 ohm
impedance. SMA male connections on
each side. 1 1/4" diameter x 6.8" long.
3 lbs sh. #6B110-257/HQ26-OP/OP,
Used Excellent, \$16.00

Bandpass Filter
2.0 - 3.15 MHz.
3"X3/4", #A-251-A, Unused, \$5.00

Insulators



Stand-off insulators
crows feet type. Brass
plated bases and termi-
nals: D= Diameter
H=Heighth M=Mount
base holes' center dis-
tance ST=Screw termi-
nals CT=Clamp termi-
nals

#B-H3-D1.25-ST3, brown ceramic;
M=2.25". Term. cap: 7/8x1 5/8" dia;
2 lbs. \$2.75

#W-H5-D1.25-ST, white; M=2.625".
Term cap; 3/8x 1 1/4" dia.
3 lbs. \$3.75

#B-H5-D1.25-CT, white; M= 2.25".
Term cap: 1x1 5/8" dia. 3 lb \$4.00

#B-H7-D1.25-ST, brown, M=2.6",
Term cap 1x1 3/4" dia;
3 lbs. sh. \$4.75

Quantity Discounts on above!
10-25 ea (1-type) 20% off;
25% (26-99), 30% (100)

STAND-OFF with CLIP for
clip-in resistors or capacitors.
1"H x 0.8" square insulator
with clip for 0.5" dia cap,
#NS4W1208, \$1.50

PORCELAIN STAND-OFFS, no
bases but screw threaded:

#P-4H-75D 4"Hx 0.75" dia; 8-24
threader. \$.75 ea

#P-7H-100D, 6.8"H x 1" dia; 10-24
threaded. \$1.00 ea

EGG-TYPE PORCELAIN
STRAIN INSULATOR,
1.3"L x1"x1"with two
1/4"di holes.
#INS-EGG-95, NEW, \$2.00

INSULATOR POST for mounting
capacitors, coils, etc. 1.7"Hx3/8" sq
porcelain; 1/8" di thru-hole near
top; base threaded for chassis
screw. #IP-1706, 4 for \$1.00

2"Hx1" square; two 6/32 threads top
and bottom. #NL523W14, 4/\$1.00

MP-48A INSULATOR for
WW-2 vehicular spring
antenna base;
3.6"Lx2.6" dia, 4 lb.
#INS-48A, \$16.00

COLLAR for MP-48A, fits bottom
of base, #COLL-48A, \$2.50

Phenolic Insulator
from MP-48,
#IN-118, \$7.50

Large porcelain insulator
transformer style with a 3/16"
feed thru hole. o/a
1.9"Hx1"dia. #INS-8, \$1.00

Thru Panel Insulator

Large porcelain thru
panel insulator.
9/16" diameter cen-
ter hole. Has 6
threaded mounting
holes on outer lip.
Overall size is 5
1/4"Dia x 2 3/4"H. No Hardware.
#INS-6, Used, \$10.00

Strain Insulator

BROWN porcelain insulator
8.5"Lx1.8"H x 1"D with reinforced
0.5"dia hole on ends; 3lbs sh.
#SPI-85181, \$1.95; 2/\$3.00

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

Bandpass Filters



TUNABLE TWIN-CAVITY BAND-PASS FILTERS, gold-plated cavities have tune knobs, dials, and rear N-connections. Designed for military TRC-24 radio system for specific frequency ranges; usable and/or adapt for civilian purposes. 7x2.5 x9.5, 8 lbs. Used, \$22.00 each.

#F-196, 184-205 MHz #F-199, 224-254 MHz
#F-200, 254-284 MHz #F-201, 284-314 MHz
#F-203, 344-374 MHz

#F-197, 205-225 MHz, unused, \$30.00

#F-204, 374-404 MHz, unused, \$19.95 ea; 2/\$30.00

Line Filters

CORCOM EMI 3 AMP filter with solder connections. 115/VAC 50/60Hz. 2.7x1.7x1.2, used, #3W1A \$1.50



TOKIN 250 VAC 15 amps 50/50 Hz with spade terminals; 2.6"Lx1.8" dia, 1 lb. #VG-215F, NEW, \$3.00

2x20 AMP FILTER, 115 to 250 VAC 48-440 Hz; 3.4x1.5x3.2, 1 lb. #F-85066, NEW \$3.50; 10/\$25.00; 100/\$195.

VRC-12 Suppressor



MX-10237 / MX-2096 Suppressor Electrical Transient for the VRC-12 Radio Set. This circuit protector consists of a standard size 4 pin GRC male connector with a threaded center, indicator light, 2 hole mount bracket, heatsink, and plate which is marked "Danger High Temp 215 degree F". FSN #5915-01-024-3877.

It connects directly to either the transceiver or AUX receiver mount. In some applications it replaces the MX-7778 suppressor. No further data. 3 lbs sh. #MX-10237, Unused, \$15.00

DC Suppressor

MX-7777A SUPPRESSOR protects vehicle radios VRC-12, VRC-53/64 & GRC-106 from damage by voltage transients. Input 28 VDC; output < 36 VDC. Has 50 amp circuit breakers for Overload & Short; diode overheat protection & manual (BATTLE) override. 9.9x6.2x5, 7 lbs sh. #MX-7777A, Used, \$22.00



PLUGS (2) for MX7777; #29935-2P, used, \$10.00 ea
PLUGS (1) for MX7777; 4 pin female, #7777-4P, Used, \$10.00

Trompeter



Trompeter Cable, 10 inch patch cord with two gold plated trompeter PL150-29 mini patch plugs. Used good condition, #TRMP-1, \$12.00

As above except 2 feet long. #TRMP-2, \$14.00

Trompeter Adapter. Has two BNC female connections on one side through patch to two 50 ohm jacks. #J14T-50, Unused, \$4.00



#LPW-75 Looping Plug. 75 ohms. Unused, \$6.00
#J3W Patch Jack WECO-BNC, \$5.00
#J13W-75 Sim J3W Self Term 75 ohm, \$5.00
#AD1W BNC WECO Male Plug fits above, \$5.00

Selectro Connectors

ADAPTERS

69-174-3264-000 BNC-M to SMC male on RG174 6" \$10
50-675-6801-89 sma to BNC-F bulkhead nickel, \$15
51-175-6801 snap on SMB 75 ohm bulkhead receptical BNC-F, \$7
51-175-0069-22 BNC-F to SMB receptical bulkhead 5/16 hole gold, \$7



SMA CONNECTORS

50-645-4547-31 jack receptical square chassis 4 hole flange mt, \$2.50
50-647-4504-31 rt angle chassis 4 hole flange mt \$2.50

SMB SCREW-ON

50-128-9511 crimp type 75 rt angle cable receptical small braided coax, \$3.00
50-124-3059 crimp type 75 straight med coax gold \$3
50-153-0000 75 pc mount right angle receptical, \$2.60
50-151-0000 75 pc mount straight jack, \$2.50
50-111-9511 75 rt angle cable plug clamp small coax braided wire gold, \$3.00
50-128-0209 crimp type rt angle med coax nickel, \$2.50
50-128-3059 crimp type rt angle med coax gold, \$3
50-124-0189 crimp type straight plug med coax gold \$3
50-107-3187 straight clamp type small coax gold, \$3
50-107-3059 straight plug clamp type large coax gold \$3



SMB SLIDE-ON BULKHEAD

52-144-0000 75 plug receptical type gold \$2
52-145-0000 75 jack receptical front mt solder term. \$2
52-126-2700 75 jack receptical rear mount crimp small coax, \$2.50
52-126-3187 75 jack receptical rear mount small coax \$3
52-126-0039 75 receptical rear mt med coax, \$2.50
51-144-0000 75 rear mount plug recept. solder term. \$2
52-126-0000 braided small coax 75 straight cable jack \$3
52-126-0029 rear mt receptical very small coax \$2.50
52-144-2700 receptical rear mount, \$2.00

SMB SLIDE-ON CRIMP TYPE

51-124-3059 med coax 50 ohm cable plug gold, \$3
51-126-2700 75 bulkhead jack recept. small coax gold \$4
52-127-0000 75 cable jack braided coax small coax \$3

SMB SLIDE-ON

52-146-0029 50 jack plug chassis mt solder term., \$3
52-151-0000-220 75 pc straight jack receptical, \$2.50
52-146-0000 chassis front mt recept. solder term., \$2

SMB SNAP-ON TYPE

51-151-0000 75 pc straight jack recept \$2
51-127-0199 cable plug 75 recept bulkhead med coax \$3
51-127-0000 crimp type small coax 75 bulkhead cable jack, \$2.50

SMC TYPE CONNECTOR

51-010-0000-ai-1 snap on clamp type 50 cable plug braided coax, \$3.00

Bead Terminal

5M75-A-1-9/RRH2H, 100 for \$10.00; 300 for \$20.00

Helix Type N



Type N male connector by Andrew. Works with Helix FSJ-50B coaxial cable. Comes with tubing for strain relief. Coupling torque is 22-25 in-lb.

#F4PNM-H, Unused, \$17.00; 4 for \$60.00

Coax Connectors

#PL-259 UHF Male, Generic, \$1.10 each 10 /\$10.00
#SLV-PL-259, As above but silver plated, \$2ea; 10/\$15
#83-1SP-1050, PL-259 by Amphenol, \$2.19ea; 10/\$20
#83-1SP, As above but silver plated, \$3.19ea; 10/\$30
#SO-239 UHF Female, \$1.10 each 10 /\$10.00
#SH-SO239 1 hole mount female barrel mount, \$85
#2H-SO239 female 2-hole mount, \$85 each
#PL-258 UHF Female to Female, \$1.75 ea 10 /\$16.
#M-358 "T" for two PL259 & one SO239, used, \$15.00
#83-185-RFX, UG-175 reduces PL-259 to RG-58 coax, \$.45 each; 10/\$3.99

CONNECTORS & ADAPTERS: (m) male, (f) female, (bulk) bulkhead, (rec) receptable, (r/a) right angle; (U) = Used, (Un) = Unused.

TYPE BNC: UG-88m (RG-58) Used, \$.75 ea
BNC (m) (RG-58) Amphenol, New, #31-2-RFX, \$2.50; 5/\$10
UG-260 m (RG-59) U \$.60 UG-290 f panel U \$1.
-274 "T" 2-f to m, U \$.4. -909 bulk U \$1.
-273 to UHF, Un \$2.00 -306 R/A adapter,
-282 to post \$1.50 used, \$1.75
UG-255 UHF female to BNC male, \$3.00



BNC "T" like UG-274. Useful around the shop. Nickel plated. #274-T, Un, \$3.00

TYPE N: UG-21 male (RG-8), Used, \$3.00

Type N male (RG-8) Amphenol, New,
#82-202-RFX, \$5.35; 5 / \$23.95
UG-58 f chassis U \$2.50 UG-27 R/A m-f U \$2.
-536 m (RG-58) U \$2.00
-593 f bulkhead for R-59-62, used \$1.50
-1052 f bulkhead for RG-58, used, \$1.50

TYPE C: UG-643 "C" female-female, \$2.50

TYPE TNC: Greomar #6000 (m) used, \$1.50 ea
#6177 m R/A Un \$3. #6098 to N f bulk U \$3.

TYPE HN: UG-59 male Used, \$5.00

UG-920 m-f R/A, \$6. DA-113 dummy U \$4.00

R-390A Connectors:

Twin-Ax male, Amphenol, New,
#82-5589-RFX, \$9.95; 3 / \$25.00
Mini-BNC p/o R-390A, #390A-MBNC, used, \$2.50
As above but chassis, #390A-MBNC-CH, used, \$2.50



Hard to find R-390A balanced input adapter. Goes from Twin-ax male to a UHF female. Unused, #UG-970, \$27.00

AC Line Cords

Ground Fault Interrupt (GFI) line cord, 12 ft 3-conductor #18 awg; w/ reset button. #18-GFI, \$2.50



3-COND LINE CORDS:

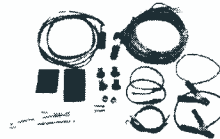
10 ft flat w/ R-A plug; #14 wire. #14-10FT, \$2.50

BUSINESS MACHINE CORD,
3-blade type w/ AC plug; 6' black, 18 AWG.
#HP-NS, \$2.00

16 AWG 3-blade line cord; no AC plug.
#16-HP-NP, \$1.95

HEATER CORD type HSJ, 3-cond 7.5' #16 wire; grey molded R/A plug. #HSJ-16, \$2.00

SDU-5 Wire Kit



Wire Kit provides parts to connect an SDU-5/E flasher to a vehicle (12/24V) battery or wiring. Kit includes the following: Voltage Converter, Adapter, (2) 3/8" Ring Lugs with Wire, (2) #8 Spade Lugs with Wire, (2) Battery Clips with Wire, (4) Connector Splices, (4) 3/8"-16 Nut. (2) 11.5" Cable Tie, 7.25" Cable Tie, and a Velcro Strip. 3 lbs sh. #CK-SDU, Unused, \$10.00; 3 for \$25.00

CHECK OUT OUR LATEST FEATURE ITEMS AT FAIRRADIO.COM

Coax Cables



New manufacture to MIL-R-17A specifications. Prices PER FOOT for lengths indicated. In between lengths, use higher price. *Less than 100 ft add 10% to highest price!* #RG-58-(specify feet),

COAX Ohms 100 ft 500 ft 1000 ft
RG-58 53.5 .17 .16 .15

+++++
COAX CABLES with connectors from military equipment. USED/UNUSED:
#CG-409 CABLE, 8ft RG-58 with two BNC, \$4.00
#RG-213-1, 16" RG-213 coax w/ R/A N conn. \$5.
#CG-3444, 42" RG-214 w/ 2 UG-573 "C" conn., \$9.
#A303892-10, SMA (m): TNC (f) 8" jumper; \$4.50

RG-142 Cable 3' 3" long with type SMA screw on male going to a type N female on the other. The type N female does not have any nuts. Cable is rated for 50 ohms 5000 volt. Diameter of the cable is similar to RG-58. Various manufacturers. 2 lbs sh. #RG-142-3, Used excellent condition, \$6.50

- - - TYPE N - SMA CABLES - - -

From cellular installation:

Type N male to SMA male w/ 12" coax. #N-SMA-12, \$3.50

Type N male to R/A N male w/ 29" coax. #N-RAN-29, \$2.95

Type N female to SMA male w/ 33" coax. #FN-SMA-33, \$3.75



Male BNC to male BNC with gold center pin connectors on a 8 foot long 1/16" diameter coaxial cable. Pinkish cable is marked type CTCFT4. We are unable to find any further specs on the cable. Mfg by Harbour Industries. 1 lbs sh. #CTCFT4, Unused, \$10.00 each; 2 for \$16.00

BNC male to right angle BNC male six foot RG-58 coaxial cable. #CG-1773, Unused, \$5.00; 6 for \$20

W-128 Single conductor antenna wire as used on many radio sets from WW2 thru the 1970's. Removed from installation kits, good condition.
#W-128-5, 5 feet, \$8.00; #W-128-9, 9 feet, \$12.00

Heatshrink Tubing

4 Foot NTE Heat Shrink Tubing. Shrink Temperature: 120C. Shrink Ratio - 2:1. Example - 1/16" shrinks to 1/32". Comes in four colors: Black - "BK"; Clear - "CL"; Blue - "BL"; Red - "R". New.

1/16", #47-20148-(Specify Color), \$0.87
1/8", #47-20348-(Specify Color), \$0.91
1/4", #47-20548-(Specify Color), \$1.30
3/8", #47-20748-(Specify Color), \$1.56
1/2", #47-20848-(Specify Color), \$2.02
3/4", #47-20948-(Specify Color), \$2.16
1", #47-21048-(Specify Color), \$3.71

1/16" black Polyolefin. 90° C shrink temp. Made by Sumitomo. #11438-(specify feet).
10ft \$3.50; 25ft \$7; 50ft \$12; 100ft \$20

3/8" Dia. Alpha Irradiated PVC Heat Shrink Tubing, For wire harness jacketing and covering handles, capacitors, and terminals. Rated 105 degree C. 2:1 shrinkage ratio at 175 degree C. 3/8" diameter. #FIT-105-3/8, Unused, 10 ft for \$4; 25 ft for \$7.50

Hardline Coax

Hardline 50 ohm Coax, 3/8" dia aluminum jacket, foam insulated. 9 gauge center conductor. 3/32" dia solid copper wire. 25pf per foot nominal impedance, impedance 50 ohms, 2500 vrms: #HLCX-3/8-(specify feet), \$6.55/ft; 100 ft/\$56.00 500 ft/\$225.00

MINI-FLEXIBLE HARDLINE

COAX CABLE, Belden 1573A (RG-402 50 ohm) with SMA connectors. M =male, F=female, RA=right a ngle

#507-169/170A, two M, 5" Length, \$9.00
#507-173A, M-RA to M, 11.5" L, \$11.00
#507-175A, M to F N-chassis conn, 8"L, \$12.00
#507-176A, two M-RA, 3.1"L, \$12.50

0.5" dia FLEXIBLE HARDLINE (Cablewave 16733) with male N-connections (1-right angle); Various lengths as noted; 5 lbs sh. #HDL-16733- (length):

6 ft, \$18. 10 ft, \$22.
12 ft, \$24. 15 ft, \$30. 22 ft, \$40.

NTE Hook-up Wire



Stranded Hook-up Wire by NTE on the reel. Rated 300V minus 90 degree Celsius. Comes in the following colors: Red "R", Black "BK", White "W", Blue "BU", Yellow "Y". New.

Gauge	Length	Part Number	Price
18	25ft	WH18-(specify color)-25	\$4.59
20	25ft	WH20-(specify color)-25	\$4.07
22	25ft	WH22-(specify color)-25	\$3.73
24	25ft	WH24-(specify color)-25	\$3.33
26	25ft	WH26-(specify color)-25	\$3.43
18	100ft	WH18-(specify color)-100	\$9.63
20	100ft	WH20-(specify color)-100	\$7.93
22	100ft	WH22-(specify color)-100	\$7.23
24	100ft	WH24-(specify color)-100	\$5.87
26	100ft	WH26-(specify color)-100	\$5.38

TEFLON Hook-up Wire by NTE on the reel.

Rated minus 200 degree Celsius. Comes in the following colors: Red "R", Black "BK", New.

Gauge	Length	Part Number	Price
18	25ft	WT18-(specify color)-25	\$14.10
22	25ft	WT22-(specify color)-25	\$8.87

SURPLUS HOOK-UP WIRE

Vinyl-covered hook-up wire, all stranded copper; no color choice. May not have continuous lengths over 1000 ft. Allow 2 lbs sh weight per 100 feet

Part#	Gauge	Price
HUW-12,	12	\$12/100 ft \$99/1000 ft
HUW-14,	14	\$7.50/100 ft \$24/500 ft \$195/5000 ft
HUW-16,	16	SOLID \$4/100' \$32/1000' \$95/5000'
HUW-20,	20	\$14/500 ft
HUW-22,	22	SHIELDED \$3.50/100' \$22/1K' \$75/5K'
HUW-22,	22	SOLID \$18/1000'
HUW-24,	24	\$14/500 ft
HUW-26,	26	SOLID \$6/500' \$9/1000' \$30/5000'

HV Hook-up Wire

HV Wire 15 KV 16 gauge 19 strand gray w/ red tracer. 20 feet #WRHV-16-20, \$5.00
100 feet #WRHV-16-100, \$17.00
20 gauge shielded 19 strand light gray. Mfg by ITT. 20 feet #WRHV-20-20, \$4.00
100 feet #WRHV-20-100, \$12.00

Wire Galore !!

#22 Cloth Covered Stranded Hook-up Wire. Color choices: red/black, red/green, red/white, orange, orange/black, orange/green, orange/red, blue, blue/white, green/black, PLEASE SPECIFY. #WCC-22-(specify color)-(specify feet), \$3.95/10ft, \$5.95/25ft, \$16.95/100ft

Twisted two conductor 22 gauge stranded cable with tin shield. 19 strands per conductor. Has white plastic jacket. Mfg by Brand-Rex. #WT-22, \$29.95 for 500 foot spool

Twisted Twin-Axial RF cable with braid silver shield. Both conductors are 24 gauge with 19 strands per conductor. Cable rated at 77 ohm impedance. Light blue jacket. #WT-24-(specify feet), \$25.00/100ft; \$95.00/500ft

Three conductor 22 gauge with shield. White vinyl covered. 500 foot spool, #WIRE-22-3, \$20.00

24 gauge single conductor stranded wire with shield. Has white jacket. #W-1, \$10/100ft; \$32/500ft; \$55/1000ft; \$195/5000ft

Speaker Wire by Belden, 24 awg stranded 2 conductor. 500 feet on reel. 15 lbs sh, #SPK-500, Unused, \$15.00

3 conductor 12 awg stranded wire. 65 strand 30 awg. 0.045 PVC jacket. Max 300 volt. Black color. 17 lbs shg per 100 foot. #SJTOW-A, Less than 100 feet, \$0.25 per foot 100 feet or greater, \$0.20 per foot

Cable Ties

1000 piece CABLE TIES IN PLASTIC CAN.

0.1 x 3.9": 100 pcs blue, 100 pcs red, 100 pcs white, 100 pcs yellow

0.14 x 5.9": 100 pcs white, 100 pcs blue, 100 pcs green

0.14 x 7.9": 200 pcs white

0.14 x 11.8": 100 pcs white

Material: polyamide (nylon 6.6) as specified in MIL-S-23190 self-extinguishing. Temperature: -40F to +230F. #K/TF1000, New, \$11.95

As above but 300 piece kit.

0.1 x 3.9": 25 pcs green, 25 pcs yellow, 25 pcs black, 25 pcs red, 50 pcs transparent

0.14x7.9": 50 pcs red, 50 pcs blue, 50 pcs transparent. #K/TF300, New, \$4.50

All nylon ties listed below are common locking type and are standard 0.12" width.

#CT-5.5, Black 5.5" overall length, 50/\$4.; 100/\$6.50
#CT-5, Natural 5" overall length, 50/\$4.; 100/\$6.50

As above except 0.06" width. Bundle dia. is 5/8".
#CT-4, Black 4" overall length. 50/\$3.00; 100/\$5.00
#CT-4.5, Natural 4.5" overall length. 50/\$3.; 100/\$5.

Tie-Down Nylon Cable Tie - Ideal for fastening wiring or harnesses to chassis or mechanical assemblies. Accepts #10 screw. Maximum bundle diameter of 1 1/4". Overall length of 6". Standard 0.19" width.

#TCT-6B, Black color, 50/\$5.50; 100/\$8.00
#TCT-6N, Natural color, 50/\$5.50; 100/\$8.00

CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

Cutters & Strippers

UNIVERSAL CUTTER - HEAVY-DUTY. 6.5" long. #VT09, \$4.19

HQ MINIATURE DIAGONAL CUTTER. Carbon steel, hardened. Black oxide finish. 4.3" long. #VT057, \$2.69



MICRO CUTTING NIPPERS. For precision work. 5.1" long. #VT100, \$2.99

HEAVY DUTY MINIATURE DIAGONAL CUTTER. Carbon steel, hardened. Black oxide finish. 4.9" long. #VT106, \$2.99



CABLE CUTTER. Curved blade cuts wires up to 0.4". 6.5" long. #VTCC, \$7.18

5" ELECTRICAL CUTTER & STRIPPER. Strips wires from 20-24 AWG and cuts wires with a max. \varnothing of 0.05". 4.7" long. #VT109, \$4.99



Adjustable Cutter/Stripper. Strips AWG 30-10 wire. Adjusts with a screwdriver. High carbon steel. Precision ground cutting surface. #200-007, New, \$4.69

Precision Wire Stripper. Plier type nose. Cutter jaws. Soft grip handles. Spring return. New.



For AWG 22, 20, 18, 16, 14, 12 & 10. #200-010, \$7.99
For AWG 30, 28, 26, 24, 22, 20 & 18. #200-001, \$9.29

Crimping Tool

80-PC TRAY CARD WITH CRIMPING TOOL. Crimping tool comes with a variety of different spade terminals, ring terminals, etc.. #BL/FCT, New, \$5.92



HEAVY-DUTY CRIMPING TOOL FOR FAST-ON. For crimping insulated terminals red awg 22-18, blue awg 16-14, yellow awg 12-10. 8.7" long. #VTHCT, \$25.98

CRIMPING TOOL FOR F & BNC CONNECTORS. For crimping cables: BNC, TNC, UHF, SMA - For RG cable 59, 62, 140, 210, 55, 58. Size: 9.0". #VTFBNC, New, \$23.99



COAX CRIMPING TOOL RATCHET TYPE. For crimping BNC/TNC/N/F. For RG cable: 59, 62, 140, 210, FIBREOPTIC. Size: 8.7". #VTBNC, New, \$26.99

Hex Wrench Set

HEX KEY WRENCH SET - 8PCS. Hex: 0.06", 0.08", 0.10", 0.12", 0.14", 0.16", 0.20", 0.24". New, #VTHEX8, \$0.99



Screwdrivers

SCREWDRIVERS

HANDLE: Swivel-handed cap and color-coded caps for easy identification. User-friendly grips for improved comfort. Special handle for good torque. **BLADES:** Nickel-chrome molybdenum. Black oxidized tips for greater durability and accuracy. Plated blade to reduce glare and reflection. Horizontally ground tips for greater torque.

Phillips type:
#0, 4.7" long, #VTC1, \$1.65
#0-3, 6.7" long, #VTC2, \$1.65
#1, 10.0" long, #VTC3, \$1.99

Slotted type:
0.06", 4.7" long, #VTF1, \$1.98
0.09", 6.7" long, #VTF2, \$1.98
0.14", 8.1" long, #VTF3, \$1.98



ELECTRONIC SCREWDRIVER SETS

Ideal for TV sets, communication instruments, optical instruments, cameras, computers, VCRs, telephones, etc.



Slotted: 0.08"x1.6", 0.10"x1.6", 0.12"x1.6", 0.14"x1.6".
Phillips: PH#00x1.6", PH#0x1.6", PH#1x1.6".
#VTSET13, \$3.50

Slotted: 0.12"x1.6", 0.08"x1.6", 0.10"x1.6", 0.14"x1.6", 0.16"x1.6". **Phillips:** PH#00x1.6", PH#0x1.6", PH#1x1.6", PH#2x1.6". **Torx:** #T6x1.6", #T8x1.6", #T9x1.6", #T10x1.6", #T15x1.6", #T20x1.6". 4.7" long. #VTSET15, \$7.95

Chrome vanadium steel blade, satin finish. Lengths: 4 x 6 1/2" and 11 x 4 3/4".

Torx: #T6, #T7, #T8, #T9, #T10, #T15, #T20. **Slotted:** 0.08", 0.10", 0.12", 0.16". **Phillips:** PH#000, PH#00, PH#0, PH#1. #VTSET16, \$13.95



Black oxidized tips. Plastic handle with swivel-headed cap. **Slotted:** 0.09"x3.0", 0.12"x3.9", 0.16"x5.9". **Phillips:** #00x3.0", #0x3.9", #1x5.9". #VTSCRSET, \$9.95

Chrome-vanadium. Fully insulated. Red plastic grip. Slotted: 0.10, 0.12, 0.14 2 Phillips. #VTSCRSET5, \$1.99

Includes voltage light tester (110-500V). Slotted: 0.24"x5.9", 0.20"x4.9", 0.16"x3.9", 0.16"x3.7", 0.10"x3.0". **Phillips:** PH#0, PH#1, PH#2. #VTSCRSET1, \$3.95



Includes voltage tester with neon indicator (230-250V). Fully insulated (1000V). Slotted: 0.16"x3.9", 0.22"x4.9", 0.26"x5.9". **Phillips:** PH#0x3.0", PH#1x3.9". #VTSCRSET7, \$9.99

Tweezers

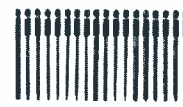


SET OF 4 TWEEZERS. Anti-magnetic stainless steel. 1 x bent nose, 1 x flat spade, 1 x self-closing and 1 x normal. 5.3" long. New, #VTTWSET, \$2.99

SET OF 4 TWEEZERS - NON-CONDUCTIVE. 5.3" long. New, #VTTWSET2, \$2.99



SECURITY SCREWDRIVER SETS



Contents - 1 x quality handle. 6 x inch socket: 5/64"x105, 3/32"x105, 7/64"x105, 1/8"x105, 9/64"x105, 5/32"x105. 6 x metric socket: 2.0x105, 2.5x105, 3.0x105, 4.0x105, 5.0x105, 6.0x105. 4 x tri-wing: #1x105, #2x105, #3x105, #4x105. 1 x cross: PH2x105. 1 x flat: 2.0x105. Comes in a plastic case. #VTBT7, \$28.99

Contents - 1 x quality handle. 7 x torx: T8x105, T10x105, T15x105, T20x105, T25x105, T27x105, T30x105. 3 x four-wing: 6x105, 8x105, 10x105. 4 x U-shape: 4x105, 6x105, 8x105, 10x105. 1 x cross: PH0x105. 1 x flat: 3.0x105. #VTBT8, \$24.99

PRECISION SCREWDRIVERS (MICROTIP)

Special handle with swivel cap. Black tip, chrome-molybdenum vanadium steel. Features - **ROTATING HEAD:** to facilitate support and rotation control. **HANDLE:** varying diameter for flexible grip position and torque high impact resistance, cadmium-free material, easy to recycle. **TAPERED GROOVE:** for better grip and faster rotation. **BLADE:** made of high-quality alloy chrome-vanadium steel, heat-treated. **BLACK TIP:** for high precision, protection from corrosion. **COLOR CODED:** for quick size selection. **METAL BALL:** for easier operation.

Slotted: 0.08"x2.9", 0.10"x2.9", 0.12"x2.9", 0.14"x2.9", 0.16"x2.9". **Phillips:** PH#0-0x2.9", PH#0x2.9", PH#1x2.9". #VTSET11, \$19.95



Torx: #T5x1.6", #T6x1.6", #T7x1.6", #T8x1.6", #T9x2.9", #T10x2.9", #T15x2.9", #T20x2.9". #VTSET12, \$ 19.95

SET OF 2 PLIERS, TWEEZERS AND 8 SCREWDRIVERS (MICROTIP). 4" long nose pliers. 4" diagonal pliers. 4.9" tweezers. **Slotted:** 0.05"x1.6", 0.06"x1.6", 0.07"x1.6", 0.08"x1.6", 0.09"x1.6". **Phillips:** PH#000, PH#00, PH#0. #VTSET14, \$37.95



ELECTRONICS BIT SET (19PCS) WITH SCREWDRIVER (MICROTIP). 20-pc precision bit set. **Phillips:** PH#0-0, PH#0. **Slotted:** 0.08", 0.10", 0.12", 0.16". **Torx:** #T6, #T7, #T8, #T9, #T10. **Hex:** 0.06", 0.08", 0.10". **Ball:** 0.06", 0.08", 0.10". **Pozzi:** PZ#0-0, PZ#0. #VTSET9, \$19.95



TOOL SET. Ideal for TV sets, communication instruments, optical instruments, cameras, computers, VCRs, telephones, etc.

Swivel-headed cap. Black oxidized tips for greater durability and accuracy. PRECISION SCREWDRIVERS - Phillips: PH#1-1, PH#1-2, PH#0, PH#0-2. **socket:** 0.12", 0.16", 0.20". **Hex:** 0.06", 0.08", 0.10". **Slotted:** 0.04", 0.06", 0.08", 0.09", 0.12", 0.15". #VTSET5, \$4.95



10-PC SCREWDRIVER SET. The bitholder has a holder for bits on both sides. Comes with 10 bits: 2 x slotted, 2 x philips, 3 x hex and 3 x torx. #VTT2, \$1.78



PLACE YOUR ORDER OVER THE WEB AT FAIRADIO.COM

Pliers



UNIVERSAL PLIERS - HEAVY-DUTY. 7.5" long. #VT03, \$4.69

HEAVY-DUTY LONG NOSE PLIERS. 6.0" long. #VT05, \$4.99



HQ MINIATURE FLAT NOSE PLIERS. Carbon steel, hardened. Black oxide finish. 4.9" long. #VT054, \$2.69

HQ MINIATURE BENT NOSE PLIERS. Carbon steel, hardened. Black oxide finish. 4.9" long. #VT055, \$2.69



HQ MINIATURE LONG NOSE PLIERS. Carbon steel, hardened. Black oxide finish. 4.5" long. #VT056, \$2.69

TOOL SET / 5PCS DIFFERENT PLIERS. Stainless-steel precision pliers set (5 pcs) : diagonal cutter, top cutter, bent nose pliers, flat nose pliers, long nose pliers. #VTSET, New, \$9.99



Knives & Knife Sets



PRECISION KNIFE WITH 5-PC BLADE SET. 5.7" long. New, #VTK1, \$2.50

HEAVY-DUTY KNIFE WITH 5-PC BLADE SET. 5.1" long. New, #VTK2, \$2.99



13-PC HEAVY-DUTY KNIFE SET. Contains 3 cutters with blade and 10 spare blades. New, #VTK7, \$3.99

Utility Knife with lock. Blade snaps off for sharp tip. 4.9" long. New, #VTK3B, 2 for \$1.00; 5 for \$2.00



As above except: Plastic handle with metal protection, 6.3" long. New, #VTK5, \$1.19

Twelve spare blades for above, #VTKSB1, \$1.99

Utility Knife with metal housing. High-Q lock button. Set of spare blades. 6.1" long. New, #VTK4, \$2.50



Five spare blades for above, #VTSB3, \$0.99

Diamond Files



SET OF DIAMOND FILES - 10PCS. Powder-coated. 4.7" long. New, #VTDF1, \$11.95

SET OF DIAMOND FILES - 5PCS. Powder-coated. 5.5" long. New, #VTDF2, \$6.95



IC Extractor



IC EXTRACTION TOOL. 4.1" long. #VTIC, \$1.98

Radio Tuning Tools

6-PC PLASTIC TUNING NEEDLE SET. Comes with a variety sizes. #VTPT, New, \$3.99



Bit Sets



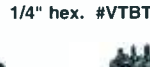
Consists of the following: Philips bits: PH.0, PH.1, PH.2 (5x), PH.3; Pozzi bits: PZ.0, PZ.1, PZ.2 (5x), PZ.3; Square bits: S0, S1, S2, S3; Flat bits: 3, 4, 4.5, 5, 5.5, 6, 6.5, 7, 8mm; Antenna remover bits: 4, 6, 8, 10; Torx bits: T8, T10, T15, T20, T25, T27, T30, T40, T45; Tri-wing bits: 6, 8, 10; Torx with center bits: T8, T10, T15, T20, T25, T27, T30, T35, T40; Four-wing bits: 1, 2, 3, 4; Metric hex bits: 1.5, 2, 2.5, 3, 4, 5, 5.5, 6, 8mm; Clutch bits: 1, 2, 3; Fractional hex bits: 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4; Dodecagonal torx bits: M5, M6, M8; Metric hex with center bits: 2, 2.5, 3, 4, 5, 6mm; Fractional hex with centre bits: 5/32, 9/64, 1/8, 7/64, 3/32, 5/64; 1 wing nut driver; 4 extension bits - socket bit holder 1 pc, magnetic bit holder 1 pc, 1/4" sq. x 1/4" x 2" extension 1 pc, 1/4" sq. x 1/4" x 1" extension 1 pc. #VTBT11, New, \$11.99

SECURITY BIT SET / 33 PCS.

Contents - Torx: #T8, T10, T15, T20, T25, T27, T30, T35, T40. Hex: #5/64", 3/32", 7/64", 1/8", 9/64", 5/32". Hex: #2, 2.5, 3, 4, 5, 6. Tri-wing: #1, 2, 3, 4. Fork: #4, 6, 8, 10. Four-wing: #6, 8, 10. Magnetic bit holder: 1/4" hex. #VTBT5, New, \$9.99



BIT SET / 33 PCS. Contents - Hex: #2, 2.5, 3, 4, 5, 6. Torx: #T10, T15, T20, T25, T30, T40. Slotted: 3, 4, 5, 6, 7. Phillips: 1 x PH0, 2 x PH1, 3 x PH2, 2 x PH3. Pozzi: 2 x PZ1, 3 x PZ2, 2 x PZ3. Magnetic bit holder: 1/4" hex. #VTBT6, New, \$4.99



- M5, M6, M8
- C1, C2, C3
- 1/8", 3/16"
- 2mm X 2mm X 2mm
- S0, S1, S2, S3
- 1, 2, 3, 4, 5
- 0, 1, 2
- Wing nut driver
- 6, 8, 10
- PZ0, PZ1, PZ2
- 4, 6, 8, 10, 12

● T-5, T-5, T-6, T-7, T-8, T-10, T-15, T-20, T-25, T-27, T-30, T-40
● 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 5/64", 3/32", 7/64", 1/8", 9/64", 5/32"

1 Piece 1/4" x 60mm magnetic bits holder, 1 Piece bits holder socket, 1 Piece socket adapter, 1 Piece ratchet screwdriver. New, #800-081, \$18.53

Vises



VACUUM TABLE VISE WITH STANDARD HEAD. Turns and rotates in all directions. 75mm jaws with protective detachable pads. Opening 70mm. With vacuum base: easy to mount on all flat surfaces, can also be mounted with screws. 5lbs.

7.3x6.2x6.2, #VTTV, New, \$24.50

TABLE VISE WITH STANDARD HEAD. Professional quality for this metal vise for table-screw mounting. Jaw opening 3.0". Rotates 270 degree. Equipped with a fast mounting system. Height: 12.0". 6 lbs sh. #VTTV2, New, \$29.00



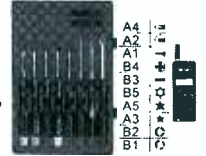
Tool Kits



41-PC TOOLSET. Head can be set at an angle of 0°, 45° or 90°. 38 bits: 14 hex sockets, 16 torx bits, 3 slotted, 3 philips and 2 S-bits. With plastic carrying case. #VTTS3, New, \$6.95

UNIVERSAL CELLULAR PHONE TOOL KIT.

Screwdrivers: U-shaped, curved, needle tip, 1 x philips, 1 x slotted, 3 x torx and 2 antenna removers. With colored swivel caps. #VTSET8, New, \$19.95



FLEXIBLE EXTENSION SHAFT 7.5". PRECISION SCREWDRIVERS - slotted: 0.08"x3.0", 0.10"x3.0", 0.12"x3.0", 0.16"x3.0". Philips: 0.10"x3.0" PH#00, 0.12"x3.0" PH#0, 0.16"x3.0"

PH#1. HANDLE SCREWDRIVERS - Slotted: 0.16"x3.0", 0.20"x3.0", 0.24"x3.9", 0.31"x5.9". Philips: 0.20"x3.0" PH#1, 0.24"x3.9" PH#2. BITS: T10, T15, T20, T25, T27, T30, T40, H2, H3, H4, H5, H5.5, H6. 1/4" SOCKETS: 0.20", 0.24", 0.28", 0.31", 0.35" + 1/4" socket holder. BIT HOLDER: 2.8". #VTSET19, New, \$9.99

25-PC TOOLSET. 4.5" long nose pliers. 4.5" side cutter. Stainless-steel tweezers. 1.4" sockets: 7, 8, 9, 10. Magnetic screwdriver: 1.0". Bits: slotted 0.12", 0.20", 0.28"; philips #1, #2, #3 (0.98"); torx #T10, #T20, #T30. 6 precision screwdrivers: slotted and philips. Carrying case: 6.1" x 3.9" x 1.9". #VTTS, \$8.99



HEAVY DUTY TOOL SET - 3 PCS. Universal pliers, heavy-duty cutter, long nose pliers. New, #VT33, \$13.95

Torque Drivers

Mountz (M) and Torquemaster (T) torque drivers. These are unused / slightly used. Most have had ID numbers engraved on the handle.

(M) - red 3-190 ozf in 2-135 cN.m 1/4 inch hex female drive, #TLS0135-R, Unused, \$39.50

(T) - Standard green, as above, 1/4 sq drive, #TLS0135-G, Unused, \$39.50

(T) - Minor red 3 oz f in - 12 lb f in/200 gm f cm-14kg f cm / 2-135 cN.m 1/4 hex femal drive, #TORQ-3, Used, \$19.95



Kester Solder Supplies

Pocket Pak .031 Dia. 0.5 oz. #83-4000-0000, \$1.69

Elec. Silver Solder, Box 0.35 oz. #83-7145-0415, \$1.46

Kwik-Draw .050 Dia. 1.3 oz. #83-3000-0000, \$2.93

One pound spool of Core Size 66, Alloy 60 / 40, Dia. in. 0.031, Gauge 21. #24-6040-0027, \$14.37

One pound spool of Core Size 66, Alloy 60 / 40, Dia. in. 0.062, Gauge 16. #24-6040-0061, \$12.83

SP44 Rosin Paste Flux 2 oz. #83-0000-0144, \$3.18

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

NTE Solder Gun



NTE Solder Gun, 100 watts heats up to 750F in 25 seconds; 140 watts heats up to 950F in 40 seconds. Large dual heat trigger switch for low/high watt. Temperature control. Long-reach tip and sturdy heating element connectors. Pre-focused light. 6 foot, 2 wire cord. #J-100, New, \$19.84

Two pack of nickel plated copper replacement tips for J-100 solder gun, #JT-104, \$3.87

ECG Soldering Irons

Electric Corded Soldering Irons. Each of the soldering irons listed below feature a long life tip (nickel-iron plated copper) and a cool grip rubber handle.



25 Watt - Tip temperature 464F, #J-025, \$4.90

Replacement conical tip for J-025 (nickel plated copper); 2 tips/package. #JT-101, \$1.13

60 Watt - Tip temperature 860F, #J-060, \$6.89

Replacement conical tip for J-060 (nickel plated copper); 2 tips/package. #JT-102, \$2.15



Electric Corded De-Soldering Irons, 45 watt, Temperature 788F, Long life tip. #J-045-DS, \$9.94

Butane Torch Micro-Jet. Features the following: Auto ignition, Child safety lock, Instant 2500F micro flame, Powered by a refillable butane cartridge (included). #J-300, \$12.40



Two pack butane replacement cartridge for J-300. #JT-004, \$2.48

Soldering Tools



"Helping Hands" Soldering Aid with magnifier. Table top, weighted base. Multi-dimensional adjustment capability. Alligator style clips for holding subject work. #VTHH, \$5.84

6 Pc. Soldering Aid Set. 6 Double-ended picks and brushes. #VTSA, \$6.95



POWERFUL DESOLDERING PUMP. Teflon-nozzle. 10.8" long. #VTD1, \$2.99

EXTRA-POWERFUL DESOLDERING PUMP. Teflon-nozzle. 13.2" long. #VTD2, \$3.99

DESOLDERING PUMP WITH ANTISTATIC TIP. 7.5" long. #VTD3, \$5.99

Spare bit, #BITVTD3, \$2.50

H.Q. DESOLDERING PUMP. Aluminum body. 6.4" long. #VTD5, \$5.99; Spare bit, #BITVTD5, \$1.50



ECONOMIC SOLDERING IRON STAND. With cleaning sponge. #STANDLC, \$2.99

Peltier Device



PELTIER THERMO-ELECTRIC COOLING MODULE 3A 15.4V 149F. Melcor type: CP1.0-127-06L. I max.: 3A. Delta T max.: 65°C. voltage: 15.4V. Q

max.: 25.7W. Number of couples: 127. Size: 1.2" x 1.2" x 0.14". 1 lb sh. #PELTIER1, New, \$13.95

PELTIER THERMO-ELECTRIC COOLING MODULE 6A 15.4V 153F. I max.: 6.0A. Delta T max.: 67°C. Voltage: 15.4V.

Q max.: 51.4W. Number of couples: 127. Size: 1.6" x 1.6" x 0.15". 1 lb sh. #PELTIER2, New, \$14.95

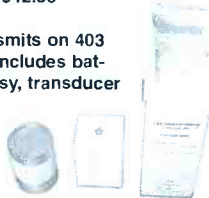


Radiosondes



VAISALA RADIOSONDE, ultra-light disposable transmitter (400 MHz approx) is designed to be carried aloft by weather balloon and transmit data for air temperature, barometric pressure and humidity to a ground station. Consists of circuit board, dipole antenna, and trailing wire. Requires 9 V battery. Cute experimenter item! 12.5"H as shown; 3 lbs sh. #RS80, NEW, \$9.95 ea; 5/\$42.50

Radiosonde mfg by VIZ, transmits on 403 MHz RDF modulated signal; includes battery and separate antenna assy, transducer polishing cloth, baroswitch pressure calibration chart, and instructions. 4.8 x 3.8 x 12.3, 4 lbs sh. #ML659, Unused, \$12.95



AMT-4 Radiosonde Modulator originally was raised by a balloon into the sky to measure atmospheric conditions. Comes w/ barometric unit only.

Atmospheric pressure range 1060 to 5 mb(millibars) Resistive temperature element temperature +60 to -90 d C.

With schematic. #MD-147, Unused, \$8.95

Newer version of above. No data, but expect the ranges to be about the same. #MD-210, Unused, \$8.50
Original manua AMT-4A. #MM-AMT-4A, \$15.00

Dehumidifier Control

HONEYWELL DEHUMIDIFIER CONTROL as used in home dehumidifiers. Plastic element tape senses humidity and "opens" normally-closed 120 VAC contacts; has variable control. 1.8x4.5x1, 1 lb. #H46A1103, unused, \$2.95



Mini Pump



12 VDC IMMERSION PUMP, probably from auto/RV market; 3/8" dia outlet moves about 1 gallon/minute. Operates on higher voltages with increased

flow rate for short periods: @ 24 VDC, 1.5 gal/min; @ 35 VDC, 2 gal/ min. For non-flammable fluids only because fluid flows thru motor acting as lubricant. Use in fountains, solar water or science fair projects; 4"L x 1.5" dia, 2 lbs. #HAR-12V-IMP, NEW, \$6.95

Motorized Lens

MINOLTA MOTORIZED LENS, focal length 3 mm with 6 mm zoom assembly; probably used in copy machine. Front coated lens diameter 60 mm; rear 15 mm. Focus and zoom mechanism each has small DC gear motor which operates at about 30 RPM @ 5 VDC or 60 RPM @ 10 VDC. 5.5x5.5, 3 lbs sh. #LENS-36-98, unused, \$20.00; 3 / \$50.00



Sterilizer



M-49 EasyClave Sterilizer. Displays messages and uses audible "beeps" to indicate the status of a cycle. Also displays error messages and uses audible "beeps" to indicate malfunctions.

Automatically initializes the on-board computer and runs a self-diagnostic test when the unit is plugged in. Preheats the chamber of the sterilizer for 90 minutes after each sterilization cycle to allow for "quick start" cycles. 20.7x15x15.6, 84 lbs sh. #M-49, Used, \$995.00

X-10 Controller

Leviton Manual Controller. Used to control light and appliance modules. Compatible with Radio Shack and Home Safe remote devices. Can control 256

"X10" device codes. Unit has 16 Unit Code Buttons. Also, has 6 Command Keys: On, Off, Bright, Dim, All Lights On, and All Off. The controller is equipped with a key-operated lock-out switch that can be set in the "ON" or "OFF" position. The controller will transmit command signals to modules in your control system only if this switch is keyed to the "ON" position. Key pad mounted in sturdy steel case. Requires 120VAC 60Hz. 8.3x6.7x4.5, 7 lbs sh. #X10-6242, Unused, \$9.95 ea, 2 / \$18.00, 4 / \$32.00



Weaver D6 Scope

Quality 6 power scope fits common rifle mounts. Unfortunately scope is without cross-hair. Still a nice low-cost spotting scope! 12.3" long, 2lbs. #SCOPE-D6-U, Used,\$7; #SCOPE-D6-UN, New,\$12



Grab Box

ASSORTMENT of used and unused commercial and government electronics parts such as assemblies, motors, coils, transformers, chokes, circuit boards, capacitors, resistors, and other usable items. Packed in 50 lbs cartons: #GRAB-ASST, \$12.00 ea; 2 / \$21.00
Allow for shipping charges!!



Ring Magnet



3.5" dia x 5/16" thick MAGNET with 1.9" dia open inner circle lifts about 8 lbs. 5" dia metal casing has mount flange to protect and isolate magnet; two wires attach to spring-loaded contacts. Use as magnetic

antenna mount or in robotic, audio or science projects; 2 lb #MAG-S91, \$3.00; 8/\$12.00

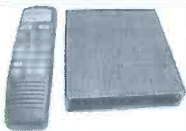
Electronic Ignitor

Fenwal Automatic Electronic Ignitor. Input 12 VDC. This looks like an ignitor for an oil furnace as it puts out a HV spark. Maybe neat for experiments. BE CAREFUL. 5.25 x 4.75 x 3 overall. 3 lbs sh. #05-159901-003, Unused, \$14.95 each



PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

Cell Phone Parts



CELLULAR PHONE PARTS BLOWOUT. We have available bag type cellular phones, dead, "as is". For parts/ experimenter use. These are older large cellular phones with many useable components for the radio experimenter or various electronic applications. These units contain filters, crystal oscillators, power amplifier, surface mount components. Microphone, speaker. Nice Extruded aluminum case: 5.7x1.2xX6.3. #PH-CELL \$10; 4/\$30

Matched Meters & Rheostats

"Loaded" with prime "clean" parts for DC power projects!

Panel includes:

- * 0-30 VDC METER.
- * 0-30 DC AMMETER.
- * 4 ea 50 MV SHUNTS.
- * 4 RHEOSTATS: 2 ea 225 W 3 ohms, 2 ea 150 W 2 ohms. * 12 Circuit Breakers: 4 ea 32 VDC 8 amps 8 ea 32 VDC 20 amp. * 12 ea 1N1184 DIODES.
- * 4 ea 2.4" dia KNOBS and other parts. Panel is sold "less its On-Off and 4 STA selector switch. 18.8x23x6, 30 lb. #DAV-LCP, 2 for \$65.00 Manual Repro for above, #MM-DAV, \$10.00



Finger Stock



18" long x 1/2" ht strips of finger stock. Each individual finger has a

width of 1/15" and a ht of 5/16". #FS-18, Unused, \$6.95 ea; 4 / \$20.00

Experimenter's Paradise

Motorola Control Receiver???? Great experimenter item. We have seen them in the past in some cities at intersections and believe their purpose was to intercept traffic signals when emergency vehicles needed to pass. Transistorized receiver covers 139.65 MHz with a five section preselector, crystal controlled oscillator and Vibrasponder® tone detector which allows a SPST relay to be actuated by a tone in 600 to 800 Hz range. SPECIFY if tone-match required. Receiver is housed in a plastic protective case. Power required 24 VAC. Has internal transformer and power supply. 7.2" dia. x 6" Ht, 5 lbs sh. #15D82032, \$7.95 each 4 for \$25. #SCH-15D82032, Schematic Info, \$7.50



Control Receiver



Scientific Atlanta Power Control Receiver Model DCU-1051B-01-00-S Series DCU-G-1530. Originally used by power companies to allow radio control of power usage. The units have receivers in the 150 mhz range as well as a 6 VDC contactor rated for

240 VAC 30A resistive. They are programmable and will work on the General Electric code format and/or the SA-105. Power transformer 240 VAC secondary approx 6 Vac. The weather resistant plastic case with gasket and snap closure is excellent for outdoor projects. Has molded on wall mounting brackets. Internal dimensions 9.5x7.4x3, 5 lbs sh. #DCU-1051B, Unused \$15.00 each; 3/\$33.00

Neoprene Gloves



Stanzoi Knit-Lined Neoprene Gloves. Multi-purpose chemical, abrasion and temperature resistant liquid-proof hand protection with durability and flexibility. Soft interlock knit lining insulates from

heat and cold, absorbs perspiration, and provides easy on/off. Neoprene coating resists a broad range of chemicals. Non-slip "roughed" grip. Mfg by MAPA Professional. New, \$4.50 pair; 4 pair for \$12.00

Please specify model number when ordering. Sizes available:

- Small: #S-432; Medium: #M-420
- Large: #L-408; Extra Large: #XL-348

Teletypewriter

AN/UGC-129 Tactical Teletypewriter, full duplex teletypewriter has 16K RAM and QWERTY keyboard with Edit, Mode Select, and Memory. Printer speed 120 CPS: 69-80 character line, single or double line feed. 64-character ASCII subset; ITA5 or Baudot codes. 8 baud rates 45.5 to 2400. Uses paper rolls 216 mm W x 127 mm dia friction feed, single or multi-copy. Requires 115/230 VAC 47-400 Hz; connectors not available. 9.5x15 x18.5, 52 lbs. #UGC-129, Used reparable, \$49.50 Manual repro f/ later model (useful), #MM-UGC-129, \$35 w/ set



Hydrophone



U S Navy NT-51038 Hydrophone, unused in wood box. Frequency range 1 - 20000 hz with eight Rochelle Salt Crystal doublets, each about 3 x 2 x 1 inch. Matching transformer for 25 ohm output. Rubber casing with castor oil immersed crystals approx 56 inches by 2.5 inches in diameter. The castor oil was used to couple the crystals to the water. Castor oil has deteriorated. Nine foot cable with two steel strain wires and two signal wires. A great experimenter item with a potential for listening to fish ???, boats, ships etc. Unused old stock in wood box. 29 lbs sh. #NT-51038, \$35.00

60 Second Timer

RHODES 60 SEC TIMER, times from 2 to 60 seconds; bell signals time elapsed. 3" dia plastic case; 1 lb. sh. #56414, NEW, \$2.50 each.



TV / FM Attenuator



75 ohm TV/FM Attenuator by Blonder Tongue Labs stock #4890. 0-890MHz with two F connectors and adjustment for attenuation. #4890, Used, \$8.00

Military Flashlight

MX-991/U FLASHLIGHT official rugged right angle military type made in USA. Operate from two "D" cell batteries (not included). Clear diffuser, red signal, and white opaque spare lenses store in handle; metal belt clip. O.D. green plastic; current issue, 8.3"Lx2" dia. #MX-991, New, \$9.50



Ritchie Compass



Ritchie Compass RU-90 has 5 degree increments. High-visibility blue 3" dial with extra large numerals. Flush mount sailboat racing style. Has 45-lubber lines and internal gimbals. Black in color. 4 lbs sh. #RU-90, Unused, \$125.00

Aircraft Sextant

Sextant w/ periscope used in larger military aircraft to determine nightflight position relative to the stars. Has eyepiece with cup to view through right angle periscope with bubble level. Controls increase bubble size and adjust lens diffuser plus filters red, green & polarized. Also mechanical timer, 3-digit 100-turn counter dial, & transit case. Requires 28 V AC-DC for lights; 8"Wx13"Hx5.3"D, 23 lb #MS28011-1F, used w/ fiberglass case, \$59.50 #MS28011-NB, used, no case, no bubble, \$29.50



Aircraft Gyros



LEAR 3-AXIS RATE SENSOR with three #2157HB rate gyros; 3.4x6.4x6, 9 lbs sh. Lear mfg. #2162C, \$175.00



CN-708A / GG53A1 Vertical Gyroscope. Gyro Motor: 115V 400Hz single or three phase. Erection Motor: 26, 30, or 115V 400Hz. Synchro Pickoffs: 26V 400Hz input. 11.8V 400Hz line to line output. Caging Circuit: 28VDC. Outer Axis Rotation: unlimited. Inner Axis Rotation: +/-85 degrees. Erection Rate: 2 - 5 deg/min. Accuracy: 0.15 degree of true vertical. Synchro Accuracy: +/-6 min. Pictured with removed top cover. 9.6x6x5.3, 10 lbs sh. #CN-708A, Used, \$49.50

Gun Sight



Military Optical Gun Sight. No information on this sight. No part numbers. It has a 4 inch lens that looks like it fits into a fixture. Eyepiece with focus ring, but because this is not a complete system we are unable to focus on anything. See faiRRadio.com/optic.htm for more photos. 10.5x10.9x7, 25 lbs sh. #GUN-S, Used good condition. \$145.00

Calling Card Timer

TELECOSTER | TELEPHONE METER, Ideal for keeping track of the minutes expired on your calling card or for keeping "tabs" on the length and costs of long-distance phone calls. Initial and secondary rates/period are programmable using the numeric plus 6-function keyboard. LED display shows cost/period plug elapsed time hr-min-sec. Also display flashes 15 sec before rate change and has X60 speed-up time so maximum acceptable charges can be determined before call. In sturdy, beige plastic case. Requires 115 VAC 60 Hz; 2 lbs sh. #TELECOSTER1, Unused, w/ info, \$8.00; 3 for \$15.00



Choke Cable

Six foot choke cable with knob with 2 inch pull. 2 lbs shipping. #CHEX-CBL, \$5.00



EMAIL US YOUR INQUIRIES AT FAIRRADIO@FAIRRADIO.COM

DC Voltmeters

FS=2 VDC, 0-20/80 MA scale; 2.5" rd sealed. #VDC-2, Used, \$5.95

FS=5 VDC, scale 0-1.5 A & 0-300 MA; 2.5" rd. #VDC-5, Used, \$5.00

FS=5VDC, 0-5/0-10maDC, 3.5" rd, #S00-5V, Used, \$12.00

ES=5VDC, 5-0-5/10-0-10maDC, 3.5" rd, #S00-5-0-5V, Used, \$13.00



DATA TECH 0-20 VDC DIGITAL PANEL METER, uses Sperry 7-segment 0.5"H readouts. 10

meg ohm imped.; auto-polarity, OVP. Requires 115 V 60 Hz. Units have "weak" displays and/or "bad" segments. 1.9"Hx4"Wx5.5"D, 3 lbs. sh. #5313-220, "AS-IS", \$10.00

POLARAD Mfg. FS=100 V DC, 0-100-500 scale, 4"W x3.8"H. #M2/TV13, \$8.95

FS=150 VDC, 0-1500-5000 sc. 4"Wx3.8"H. #M4/TV-13, \$8.95

150-300 VDC expanded scale, 4 1/2" rd, black face, Weston 760, 500 ohm/Volt, #VDC-300, Unused, \$10.00

High Voltage DC 3 1/2" round panel meters removed from equipment. Each panel meter listed below comes with the associated large multiplier resistor creating full scale indication as shown below.

0-1KV, #S00-1KV, \$17.95

Analog DC Voltage Panel Meters,

New, \$8.95 ea.

15V, 2.4"x1.9", #AVM6015

15V, 2.8"x2.4", #AVM7015

30V, 2.4"x1.9", #AVM6030

30V, 2.8"x2.4", #AVM7030

DC Amps

DC AMMETER -15 MV - 0 +50 MV. 4.5 inch dia. mounts in 3 5/8 inch hole. Scales -150 to 500, -30 to 100, -15 to 50, -3 to 10. 3 lbs sh. #400R150B, Unused, \$5.95
EDGEWISE METER 0-8 A DC; 1.9"W x 3/4"H; #D2588, \$7.00

FULL SCALE = indicated: ES=45 ADC, 2.2" rd, Automotive, Black face, #ADC-45-ES, \$8.00

FULL SCALE = 50 MV:

0-15 ADC 3.5" rd black, #ADC-15, \$7.

0-30 ADC 2.5" rd, used, #ADC-30, \$6.95

0-500 ADC 4.0"Hx 4.5"; Mfg by Weston. #ADC-500, Used, \$10.00

Analog DC Current Panel Meters, New, \$8.95 ea.

3A, 2.4" x 1.9", #AIM603000

10A, 2.4" x 1.9", #AIM6010A

5A, 2.4" x 1.9", #AIM605000

5A, 2.8" x 2.4", #AIM705000

30A, 2.4" x 1.9", #AIM6030A

AC Voltmeters

VTVM Meter 1-10 VAC scale expanded with 3.5 V centered; also 0-20 DB. 4.5" rd. #0899, Unused, \$6.95



Analog AC Voltage Panel Meters, New, \$8.95 ea. 150V, 2.4"x1.9", #AVM60150 300V, 2.4"x1.9", #AVM60300

DC Micro Amps

FS=50 UA DC, scale -30 +150 w/ "O" center; 2.5" rd sealed. #TRC30150, \$4

FS=100 UA DC, sealed 3.5" rd, Red-Green-Red, #UA-100, Used, \$6.00

ES=100 UA, 0-center Null scale; 2.5" rd. sealed. #UA-100-ES-2.5, Used, \$6.95

ES=100 UADC, 3.5" rd, Scale -10 to +10 %, Black face, #UA-100-ES-3.5, Used, \$6.00

0-200 UADC 2.5" round. White face. Used, #UA-200, \$9.50

500-0-500 UA DC; 3.5"W X

3"H HOYT mfg. Scale:

-50/-100-0-+50/+100

maDC, -25-0+25 VDC. #UA-500-ES, Unused, \$9.95

DC Milliamps

FS=1maDC, Marked Amperes, Volts, and AC. 0-5/120/30 scale. 3.6"W x 3.3"H, Mounts in 2 1/4" hole. #2168, Unused, \$15.00

ES=1maDC, 100-0-100 scale, 2.5" RD, A&M Instruments. #265-097, Unused, \$12.00

1.5MADC Movement Audio Output Meter for receiver. 0-2VAC scale non-linear. Works with SP-600. 2 1/4" rd white face. #MA-1.5, Used, \$20.00

FS=5 MA DC, 0-150 VDC scale 3.5" sq. #MA-5, Used, \$6.95

10-0-10maDC by Simpson, 4"H x 4.5"W, Mounts in 2 3/4" hole. #5272, Unused, \$12.00

100-0-100 MA DC, 3 1/2" rd Weston 301, #MA-100-ES, Used, \$5.95

150-0-150 MA DC, 3.5" round Simpson. #MA-150-ES, Unused, \$7.95



Analog DC Current Panel Meters, New, \$8.95 ea. 50mA, 2.4"x1.9", #AIM6050 100mA, 2.4"x1.9", #AIM60100 500mA, 2.4"x1.9", #AIM60500

Shunts

FS=50mv:

30 amps, 1.3x2x1.7, #SH-30, Used, \$6

High Current Weston DC Generator Shunts. 50mv. Used, minor corrosion.

400 amp 4 lbs. #SH-400, \$25.00

500 amp 3 lbs. #SH-500, \$25.00

800 amp 4 lbs. #SH-800, \$25.00

1000 amp 9 lbs. #SH-1000, \$35.00

AC Amps

FS = 5 amps AC; transformer required for indicated scale (not available): 0-125 A, 3.5" dia. #ACA-125, \$9.00 0-150 A, 2.5" dia. #ACA-150, \$8.00

0-100-200 AC AMPS FS=5 A GE-YOKO 2.5" sq. #ACA-200, \$8.95

Various Meters

----- DB METER -----

-4-0-+6 DB 1 MW, FS= 1 MA; 2.5" rd sealed, #DBM-4-6, Used, \$4.00

-6-0-+3 DB, FS=200 ua 2.5" rd sealed; #DBM-6-3, Used, \$4.95

-- METER ASSORTMENT --

Seven U.S. mfg meters 2 1/2" x 3 1/2" - up; mixed odd scales, FS-100 ua and up-- no choice; 3 lbs sh. #MTR-ASST, \$10.00

- I-70 B TUNING METERS -

"Tune for Max" meter used in many WW-2 radio remote control boxes such as BC-311, BC-434 & C-4/ARN-7; 2.1x2.1 x1.6, 1 lbs. #I-70B-TM, Used, \$10.00

- ART-13 PLATE METERS -

Original PA Plate Panel Meter from the ART-13 transmitter. Full Scale equals 1maDC. 2 1/2" round. Black face. Used condition, #PMTR-ART-13, \$20

-- REED FREQ METER --

60 / 400 HZ REED FREQUENCY METER two reeds--one 60 Hz, one 400 Hz-- vibrate when freq approached. Use a 20K ohm resistor for 115V operation. 2" dia; fit 1.5" hole. #FM-TS382, used, \$9.95

Galvanometers

Used in test bridges to indicate slight variations in current; 1 mm increments:

LEEDS & NORTROP

10-0-10 scale, sens 0.1

ua/mm. CDRX 10K ohms;

500 system res. Period 4

sec; w/ Balance "lock".

Behind panel: 4"D x 1" dia;

front 3"H. #18876, New, \$25.00

GALVANOMETER 15-0-15

scale, sens 1 ua/mm.

Meter coupled to mirror

for photo-optic read. No

Balance "lock". Behind

panel 3"D x 2" dia; front 2.5" di, 2lbs

shipping. #GALV-726667, \$18.00

KW Hour Meters

KiloWattHour meters 240

volt 60 Hz single phase 4

dial. Monitor power to your

out buildings or camp-

ground. Removed from use,

good condition. An interest-

ing item to build into a lamp base. You

could probably modify it to make in run

on the lamp current. 8 lbs sh. Used.

Westinghouse Rr 138 8/9 240 v 60 Hz

3 wire 30 amps 7.2 kh. #2P2G6, \$30.

Duncan Form 2S, Rr 138 8/9, 240 v TA

30, Kh 7.2 3W. #200CL-MS, \$29.00

Duncan MQ-S Form 2S Rr 83 1/3 240

v 60 Hz 3W TA 30 12 kh. #200CL-MQ-S, \$28.00

Current Xformer



Current Transformer, 130/5 ratio, 2.5VA, 50-400Hz, 15/16" diameter hole opening. O/A 2x2.5 x3.1, #TR-2.5, Unused, \$6

RF Thermocouple

RF Thermocouple ARC-7499 as used in RE-2/BC442 ARC-5 antenna relay. Bridge type 19.5 +/- 1.5 mv 750 ma. Use for replacement on experiments. #ARC-7499, Unused, \$5.00

TV-2 Panel Meters

TV-2 panel meters Filament, #F-TV-2, Unused, \$45.00 Grid Bias, #GB-TV-2, Used, \$45.00 Screen, #S-TV-2, Used, \$45.00

Pressure Gauges

0 to 15 PSI Pressure Gauge by USG. 2.1" round with 1/8" fitting and brass coupling. #PS-15, Used, \$7.95

0-60 PSIG & 0-4 KG/CM; 2.1" rd w/ 1/2" dia fitting. #PG-60PSI, NEW, \$5.50

PRESSURE REGULATOR 0 - 500 PSI. Seems to be a quality unit, but no mfg. or country of origin on the unit. 2.5x1.8 x3.3, 2 lb sh. #PR-500, \$5.00

0-6000 PSI 4" dia 270 degree scale; 7/16" di fitting. O/a 6" dia. #M6000-PSI, Unused, \$14.00

Water Gauge

3 1/2" Round Gauge reads negative 80 thru positive 80 "Centimeters of Water" in increments of 2. Has 1/8" threaded hole on back. Made by Marshall Town. #92361, Unused, \$7.50

Running Time Ind.

3 1/2" Round Running Time Meter by Cramer Division Type 635EAA. Requires 115VAC 60Hz at 2.7 watts. Reads upto 999,999 hours. Reads in one hour increments only. Does not read in tenths. 3/10 RPH. 3" depth. Comes with mounting hardware. #RTM-115, Unused, \$19.95 Same as above except 440VAC 60Hz and reads upto 99,999 hours, #RTM-440, Unused, \$14.95

12VDC Counter

6-Digit Mechanical Counter 12 VDC nonresettable; black numerals on white. Rear mount flange; o/a 1.3"Hx1.5"Wx2.5"D, 1 lb. #E07B10DC12, New \$2.95

GET A BETTER PICTURE OF OUR ITEMS AT FAIRRADIO.COM

500 MHz H-P Counter



HP-5345A ELECTRONIC COUNTER, solid-state 9-digit plug-in type measures DC to 500 MHz channels A &

B without any plug-in. Function Select: Plug-In, Freq A, Period A, Time Int A to B, Ratio B/A, Start Stop. Channel controls 50 or 1 M ohm input, x1/x10 Atten, AC-DC, and Level. Requires 100/120/220/240 VAC 48-66 Hz; 5.3x 16.8x19.5, 42 lb sh. #HP-5345A, Used-reparable, \$250.00

HP-5328A ELECTRONIC COUNTER, solid-state modular design; counts upto 512 MHz on 9-digit LED display. 10 MHz reference oscillator, input for external freq-standard. Universal 100 MHz Module controls Channels A & B functions LEVEL, AC-DC select, ATTN 1-10-100, and Marker output. Sensitivity 25 MV to 40 MHz; 50 MV 40-100 MHz. Channel C module provides 5-512 MHz range, 15 MV rms sensitivity. Trigger fixed; 50 ohm impedance. With Option 011 HP-1B computer interface & manual repro. Requires 100/ 120/220/240 V 48-66 Hz; 3.5x 18.5x19, 28 lbs.



#HP-5328A-UR, Used-Reparable, \$195.00
#HP-5328A-CH, Checked, except for HP-1 computer interface, \$450.00

18 GHz Counter



HEWLETT-PACKARD 5340A FREQUENCY COUNTER, covers 10 Hz to 18 GHz with auto-

matic amplitude discrimination feature allowing counter to select largest signal in 250 MHz-18 GHz spectrum. Has 8-digit display. Sensitivity -30 dBm, 10 Hz-500 MHz; -35 dBm 500 MHz-10 GHz; -25 dBm 10-18 GHz. Input impedance 50 ohms; 10 MHz crystal time base. Has Self-Check and N and BNC input connections. Requires 115/230 VAC 48-66 Hz; 3.5x 16.8x18.8, 31 lbs sh.

#HP-5340A, Used-Checked, \$1095.00

HP-5245L Counter

HP-5245L COUNTER, 7-digit predecessor of 5345A; measures upto 50 MHz without plug-ins. 100 mv sensitivity; gate 1 usec to 10 sec in decade steps. Units at least "test" count. 5.3x16.8 x18.3, 34 lbs sh.



#HP-5245L, Used-Reparable without plug-in, \$69.50

Manual repro, #MM-HP-5245L, \$20 w/set purchase.
#HP-5253B Plug-in, 50-500MHz, \$50.00
#HP-5257A Transfer Osc. plug-in, 0.05-18 GHz, \$150

H-P Microwave

HEWLETT-PACKARD, 5 lbs sh. Used:

G532A, 3.85-5.85GHz, \$195.00
J532A, 5.3-8.2 GHz, \$195.00
P532A, 12.4-18 GHz, \$195.00
R532B, 26.5-40GHz, \$195.00
X532B, 8.2-12.4GHz, \$195.00
536A, 0.94 - 4.2GHz, \$50.00



VARIABLE MICROWAVE ATTENUATORS: 15 lbs
J382A, \$195; X382A, \$50



DIRECTIONAL COUPLERS: 2 lbs sh.

G752C, \$99 H752D, \$125
J752D, \$125 P752C, \$99
X752D, \$99 P8747A, \$150
Omega 3315E, \$95.00



X910B Termination, \$20.00



Test Equipment Blow Out!!

All test equipment listed below is used reparable

ALLISON LABS HP LO FILTER \$225.00
BALLENTINE 323 TRUE RMS AC VOLTMETER \$65.00
BELL&HOWELL TSC-2000 SYSTEM CALIBRATOR \$395
BERTAN 205A-10 10 KV POWER SUPPLY \$240.00
BERTAN 210-05R 5 KV POWER SUPPLY \$240.00
BOONTON 230 SIGNAL GENERATOR POWER AMPLIFIER \$175.00
BOONTON 74D CAPACITANCE BRIDGE \$150.00
BOONTON 75A-58 CAPACITANCE BRIDGE \$150.00
BOONTON 76A 1 mhz AUTOMATIC CAPACITANCE BRIDGE \$395.00
BOONTON 928D RF MILLIVOLT less probe \$45.00
BOONTON 93A-D TRUE RMS VOLTMETER \$45.00
CURRY MCLAUGHLIN & LEN SMS-1 \$175.00
CUSHMAN CE-21 FREQ SELECTIVE LEVER MTR \$175
DATA 1/0 SYSTEM 19 EPROM PROGRAMMER \$250
DOVETRON MPC1000 RTTY \$95.00
EATON NM-67 EMI FIELD INTENSITY MTR 1-18Ghz\$1400
EDC 501 PROGRAMMABLE VOLTAGE STANDARDS\$75
ELECTRO METRICS CRM-25 METERING MODULE \$125
ELECTRO METRICS INTERFERENCE EMC25MK III 10 Khz-1Ghz \$250.00
ELECTRO METRICS SPD-125 SPECTRUM DISPLAY w/PP125 and Dumont 74-14 TIME BASE \$150.00
ESI D862 DEKABOX \$125.00
FLUKE 2201 SCANNER \$50.00
FLUKE 332B DC VOLTAGE STANDARD \$450.00
FLUKE 332D/AB VOLTAGE STANDARD \$495.00
FLUKE 405AB HIGH VOLTAGE POWER SUPPLY \$295.
FLUKE 5200A PROGRAMABLE AC CALIBRATOR \$300
FLUKE 7600A SCANNER \$50.00
FLUKE 760A METER CALIBRATOR \$395.00
FLUKE 893A AC DC DIFFERENTIAL VM \$50.00
GERSCH SYNCHRO STANDARD \$125.00
GR 107M Variable inductor 29.6 MHY \$95.00
GR 107N Variable inductor 286 MHY \$95.00
GR 1232 TUNED AMPLIFIER NULL DETECTOR \$65.
GR 1310 A 2-2mhz OSCILLATOR \$50.00
GR 1311 AUDIO OSCILLATOR \$65.00
GR 1346 AUDIO FREQ MICROVOLTER \$65.00
GR 1396B TONE BURST GENERATOR \$125.00
GR 1651A BOLOMETER BRIDGE \$75.00
GR 602G DECADE RESISTANCE 111.0 OHMS \$60.00
GR 670F 111.0 OHMS COMPENSATED DECADE RESISTOR \$70.00
HONEYWELL 1630 KELVIN DOUBLE RATIO BRIDGES\$250
HP-1206B OSCILLOSCOPE \$150.00
HP-214A PULSE GENERATOR \$150.00
HP-2590B MICROWAVE CONVERTER \$125.00
HP-3310A FUCION GEN \$125.00
HP-3336A SYNTH-LEVEL GENERATOR \$395.00
HP-3437A SYSTEM VOLTMETER \$100.00
HP3476B Digital Multimeter \$250.00
HP-3495A SCANNER \$95.00
HP-3575A GAIN PHASE METER \$375.00
HP-3710A IF 1BB TRANSMITTER \$125.00
HP-37461 MONITOR DISPLAY \$150.00
HP-4204A 10HZ-10MHZ Digital OSCILLATOR \$250.00
HP-431C POWER METER \$75.00
HP-4437A ATTENUATOR \$99.00
HP-4815 VECTOR IMPEDANCE MTR NO PROBE \$295
HP-5036 Microprocessor Lab in case \$175.00
HP-5180A WAVEFORM RECORDER \$450.00
HP-5315B 100 Mhz Universal Counter \$175.00
HP-54600A OSCILLOSCOPE \$450.00
HP-6130B DIGITAL VOLTAGE SOURCE +/- 50V 1 Amp \$250.00
HP-8002 PULSE GEN \$95.00
HP-8012 PULSE GENERATOR \$125.00

HP-8056A FILTER SET \$295.00
HP-8402B CALIBRATOR \$75.00
HP-8614A SIGNAL GEN .8-2.4GHZ \$250.00
HP-8616A SIGNAL GEN 1.8-4.5GHZ \$275.00
HP-8708A Synchronizer \$125.00
HP-8900B PEAK POWER CALIBRATOR \$95.00
HP-940A FREQUENCY DOUBLER \$150.00
KROHN-HITE 310=AB 20-200 KHZ BANDPASS FILTER \$75.00
KROHN-HITE 330 MR 2-20KC BANDPASS FILTER \$95
KRON HITE 4141R Oscillator \$225.00
L&N 1087722 .10000 OHM VOLTAGE DIVIDER \$125
L&N 2665 AYRTON SHUNT \$95.00
L&N 4232 GUARDED WHEATSTONE BRIDGE \$100
L&N 7553-5 K-3 UNIVERSAL POTENTIOMETER \$195
L&N 8691-2 MILLIVOLT POTENTIOMETER \$150.00
L&N 8692 TEMPERATURE POTENTIOMETER \$150.
L&N 8693-2 TEMPERATURE POTENTIOMETER \$150
L&N 4385 SHUNT BOX \$75.00
L&N 7592 VOLT BOX \$95.00
MARCONI TWELVE CHANNEL FM7816 \$125.00
MAURY MICROWAVE WAVEGUIDE WR 137 \$175.00
MB 2250MA POWER AMP \$125.00
MIL C10196/USM-430 DISPLAY \$475.00
MIL TS-2669/GCM ENVELOPE DELAY TEST SET \$150
MIL USM-144/CM212 \$125.00
MONROE ELECTRONICS ISOPROBE ELECTRO STATIC VOLTMETER 144S-4 \$350.00
NH RESEARCH SF2276 2 PHASE SINE WAVE WHEEL SUPPLY \$200.00
NOISE GENERATOR \$145.00
NORTH ATLANTIC 214C Phase Angle \$395.00
NORTH ATLANTIC 225 Phase Angle \$275.00
POLARAD CA -5 2.14-4.34 KHZ HORN \$160.00
POLARAD CA-S 2.14-4.34 KHZ HORN \$160.00
POLARAD VECTOR ANALYZER ZPV \$750.00
PRECISION CALIBRATION KIT WR137 5.85-8.20GHZ C340A1 C344A C301 6625-00-318-5425 \$400.00
RACAL RA6337A VLF CONVERTER \$250.00
ROCKLAND 852 DUAL H/L/O FILTER \$495.00
SIERRA VHF POWER SIGNAL SOURCE 25-50 mhz\$100
SINGER STODDART NM-17/27 EMI FIELD INTENSITY METER \$995.00
SUNAIR GSB-900RU RECEIVER NO CONTROL \$495
TEK 434 STORAGE OSCILLOSCOPE \$225.00
TEK 575 TRANSISTOR CURVE TRACER \$295.00
TEK 606A MONITOR DISPLAY \$145.00
TEK TSG3 PLUG-IN'S FOR TEK 1410 \$150.00
TEXSCAN RS-50 SWEEP GEN 0-500 MHZ \$175.00
TEXSCAN VS-50 SWEEP GEN 0-500 MHZ \$175.00
TINSLEY INST CANADA RESISTOR SHUNT 0.01 OHM 100 AMP \$40.00
TRACOR 599 Tracking Receiver 599-303 AGC Phase 599-204 Receiver 599-502 Power Supply \$495.00
TS-1775 RELAY TEST SET \$45.00
TS-2669 Envelope Delay Distortion Measuring Set\$175
TS-419 SIGNAL GENERATOR 850-2100 MHZ \$165.
TS-488 X BAND ECHO BOX \$250.00
WAVETEK 1062 1-500 MHZ SWEEP GEN \$350.00
WAVETEK 157 PROGRAMMABLE WAVEFORM SYNTHESIZER \$225.00
WAVETEK 159 FUNCTION GENERATOR \$375.00
WAVETEK 180 SWEEP FUNCTION GEN \$150.00
WAVETEK 2001 1-1400MHz Sweep Generator \$375.
WAVETEK 278 Function Generator \$325.00
WAVETEK 750 Phase Meter 10HZ- 2MHZ \$395.00
WAVTEK 182 Function Gen Sine Square Triangel \$75
WEINSCHTEL ENG 1810A STABILIZED RF RATIO METER \$295.00
WJ FDM DEMODULATOR \$395.00

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

Power Meter



MODEL DPM-3 RF POWER METER, has 50 and 150 watt ranges and converts the frequency range of 30 to 600 MHz. Type N connection for input, air cooled, 50 ohm impedance. Power reading shown on 3.5" diameter FS=200 ua metr; 7.5 x 5.5x16.5, 9 lbs sh. #DPM-3,

Used checked, \$99.50

URM-120 Wattmeter

URM-120 Wattmeter measures incident & reflected RF from 10 to 500 watts over 25 to 1000 MHz. Uses two plug-in coupler elements CU-754 (25-250 MHz, 10-50-100-500 W) and CU-755 (200-1000 MHz, 10-50-100-500 W) that fit TS-1285* meter. Max-insertion VSWR 1.08 (1.05 for CU-754/755, 500 W range). Power selectable on each coupler. TS-1285* has 3.5" dia meter, 0-10-50 W scale and N conn. W/transit case & manual. 5x4.8x7.3, 20 lbs #URM-120, (TS-1285 etc), used-reparable, \$175.00



ME-82/U Wattmeter



Wattmeter for 50-600 MHz range 120 watts at 52 ohm input. Has non-linear scales 0-120 W 2.5" dia meter & C connection. 5.8x6.8 x13.5, 17 lb. #ME-82, Used, \$65.00

Dummy Load

DA-189/GRC Dummy Load, portable 50 ohm unit operates over 600 to 1850 MHz range @ 40 watts max. Output indicated on 3.5" dia meter; "C" input connection. 4x4x10, 9 lb. #DA-189, Used, \$40.00



Line Tester



VOLTS, FREQUENCY, POLARITY INDICATOR, handy safety item allows "quick" test of an unknown electrical line to determine its general characteristics. "Glow" lamps show Volts 28, 115, 250 DC/220 AC, 500 DC/440 AC; Frequency 60 or 400 Hz; Polarity red-black

Negative when red & black probes are inserted into line. 2.8x5.4x2.5, 2 lbs. shipping. #AUL1604, Unused, \$15.95

Voltage Tester

Voltage Tester by Ideal. Tester checks for 110 to 550VAC; 110 to 600VDC; 25 to 60Hz frequency; Identifies AC or DC; Checks circuit continuity; Determines DC polarity; Finds blown fuses, grounding and leakage. Comes with the test leads featuring safety shield prod tips. 1.5x2.4x6.4, 3 lbs sh. #61-067, Unused, \$20.00



Value Priced Multimeter



MINI 3 1/2 DIGIT DMM - 19 RANGES. Automatic polarity indication. Diode and transistor (hFE) test. DC voltage: 200m/2000m/20/200/500V. AC voltage: 200/500V. DC current: 200µ/2000µ/20m/200m/10A. Resistance :

200/2000/20k/200k/2000k. Basic accuracy : ±0.8% (±1.0% for 2000k range). Low-battery indication. With manual, test leads, and GP23GA 12V battery. #DVM810, New, \$5.99

20 Range Multimeter

3 1/2 DIGIT DMM - 20 RANGES - 10A - TRANSISTOR TEST. Automatic polarity function low-battery indication.

Transistor and diode test. DC voltage: 200m/2/20/200/1000V. AC voltage: 200/750V. DC current: 200µ/2m/20m/200m/10A. Resistance: 200/2000/20k/200k/2000k. Basic accuracy : ± 0.8%. Overload protection: 250V. Low-battery indication. 2.8" x 5.0" x 1.0" 3 lbs sh. Includes manual, test leads, and a 9V battery. #DVM830, New, \$9.99



23 Range Multimeter



3 1/2 DMM - 23 Ranges / 20A. Has transistor, diode and audible continuity test. DC voltage: 200m/2/20/200 /1000V. AC voltage: 2/20/200/750V. DC current: 200µ/2m/20m/200m/20A. AC current: 2m/20m/200m/20A. Low-battery indication. 3.3"x6.5"x1.3"

3 lbs sh. With manual, test leads, holster, and 9V battery. #DVM92, New, \$29.95

Clamp Meter

ECONOMIC DIGITAL CLAMP METER, 3 1/2 LCD display with automatic polarity indication. Data-hold function. AC current measurements: max. 1000A. Insulation test: max. 2000Mohm. Voltage measurements: AC (max. 750V) and DC (max. 1000V). Resistance measurements: max. 20Kohm. DC voltage: 1000V. Basic accuracy: ± 0.8%. Input impedance: > 9Mohm. Maximum input: 1000V. AC voltage: 750V. Basic accuracy: ±1.0%. Input impedance: > 9Mohm. Maximum input: 750V. AC current: 200/1000A. Basic accuracy: ±2.0%. Overload protection: 1200A for 60 seconds. Resistance: 200/20k (insulation test : 20M/2000M). Basic accuracy: ±1.0% (±2.0% for insulation test). Overload protection: 500V. Overrange: yes "1". Continuity buzzer: yes. Low-battery indication: yes "BAT". Requires 9V battery. Accessories: manual / test leads / battery / carrying bag. 9.1" x 1.5" x 3.5". 2 lbs sh. #DCM266L, New, \$27.99



Digital Clamp Multimeter



DIGITAL CLAMP MULTIMETER WITH DATA-HOLD AND BACKLIGHT. 3 Ω LCD display with automatic polarity indication. Data-hold and backlight function. DC voltage: 600V. AC voltage: 600V. AC current: 2/20/200A (via transformer jaws). Resistance: 2k. Continuity buzzer. 7.6" x 2.8" x 1.4". 3 lbs sh. Includes manual, test leads, 1 x 12V GP23A battery, carrying bag. #DCM265, New, \$59.00

Economy Multimeter



3 1/2 DMM - 10A / HOLD FUNCTION / BACKLIGHT, DMM with automatic polarity function and 3 Ω digit LCD display. Diode, transistor and continuity test with buzzer. Data-hold function and backlight. DC voltage: 200m/2/20/200/1000V. AC voltage: 200/600V. Maximum AC/DC voltage is 600V. DC current: 200µ/2m/20m/200m/10A. Overload protection: 10A. Resistance: 200/2k/20k/200k/2M. Requires 9V 6LR61 battery (incl.). Comes with protective holster. 2.7" x 5.4" x 1.2". #DVM850BL, New, \$17.50

Temp / Capacitance / Freq

3 1/2 DMM - 30 RANGES / 20A / TEMPERATURE / CAPACITANCE / FREQUENCY. Low-battery indication, Overload protection and automatic deactivation. Transistor, diode and audible continuity test. DC voltage: 200m/2/20/200/1000V. AC voltage: 2/20/200/700V. DC current: 2m/20m/200m/20A. AC current: 20m/200m/20A. Resistance: 200/2k/20k/200k/2M/20M/200M. Capacitance: 2000p/20n/200n/2µ/20µF. Frequency: 20kHz. Temperature: -50°C to 1000°C. 3.5" x 6.7" x 1.5". 3 lbs sh. With manual, test leads, holster, 9V battery, temp. probe. #DVM890, New, \$49.00



ME-297 Multimeter



ME-297/USM-223 FET MULTI-METER measures AC-DC volts to 5000 V in sequential ranges 2.5-10-50 to 5 KV, AC-DC 1000 ohm/V or DC 20K ohm/V. Also DC current to 10 amps in full scale ranges 0.25-2.5-10-50-100-500 MA DC and 2.5-10 amps. Resistance scales X1K-10K-100K-1M-10M ohms. Includes rugged plastic case, 4.5" dia FS=50 ua meter, red-black test leads and front cover. Requires 6-PXB1 1.3 V & 1-"C" batteries (not supplied). 6x7.4x8.8, 7 lb. #ME-297-UR, Used-Reparable, \$34.95; #ME-297-CH, Checked, \$54.95

Units converted so they require six double A and one C battery, #ME-297-CON, Checked, \$89.50 Manual partial repro, #MM-ME-297, \$8.50

Hickok Multimeter

Hickok 1605M Solid State Multimeter, achieves high gain by using chopper to allow use of AC coupled amplifiers; Frequency range for AC measurements 20Hz to 700MHz. Full scale ranges 0-300VAC in seven steps and 0-1500VDC in eleven steps. 0-150maDC in eleven. 0-500 Megohms in steps Rx10 thru Rx10M. Includes AC and DC probes, two test leads, coaxial RF adapter, and manual repro. Requires 115/230VAC 50-400Hz. 10.5x5.5x8, 13 lbs. #1605M-UR, Used Reparable, \$85 #1605M-CH, Checked, \$125.00; Manual Repro, #MM-1605M, \$15.00



Light/Sound/Temp. DVM



3 1/2-DIGIT DMM - 20 RANGES - 10A - SOUND LEVEL / LIGHT / HUMIDITY / TEMPERATURE. Automatic polarity function. Low-battery indication. Transistor, diode test, audible continuity test. Overrange protection. Sound level measurements: 35-100dB. Light measurements: up to 20000lux. Humidity measurements: 25%-95% RH. Temperature: -20°C to +1300°C. DC voltage: 200m/20/600V. AC voltage: 200/600V. DC current: 200µ/200m/10A. Resistance: 200/2k/200k/1M. 4.8x2.4x1.6. Includes manual, test leads, and 9V battery. #DVM501, New, \$99

FOR ORDERING INFORMATION SEE PAGES 19

HP-400GL Voltmeter



HP-400GL ANALOG AC VOLT-METER, ranges 0.1 to 1000 V-rms in 8 decade steps; -80 to +60 db in 10 db steps. Response 20 Hz-4 MHz; output 1 Vrms open circuit. Input impedance 10 megohms. Requires 115/230 VAC 48-440 Hz; 6.3x5.x11, 9 lbs sh. #HP-400GL, Used Checked w/book, \$135.00

HP-400E, similar to above but 1mV to 300V-rms, #HP-400E, Used Repairable, \$69.50
Manual repro, #MM-HP-400E, \$12.00

DC Voltmeter

ME-440/USM-381 DIFFERENTIAL DC VOLT-METER, similar to Fluke 896A; ranges 0-10-100-1000 VDC. Probe for 1100 V (upto +/-5 KV common-mode) and 15 KV multiplier input. NULL ranges 0.01-0.1-1-10-100V -TVM used with 5-digit scaler as differential meter. Solid-state; w/cover & operator info. 115/230 V 60 Hz; 11x12.5x15, 30 lbs shipping. #ME-440, Used Repairable, \$45.00



HP-3586B Voltmeter



HP-3586B FREQUENCY SELECTIVE VOLT-METER, measures tone level, idle channel noise, weighted noise at voice & compare to carrier frequency over 50 Hz to 32.5 MHz @ 75 ohm input; voice level over 50 Hz to 100 KHz @ 600 ohms. Amplitude +20 to -130 dBm; resolution to 0.01 dBm. Option 003 measures phase jitter, noise-with-tone, signal-to-noise with tone ratio and single level impulse noise. Push-button control & entry; HP-1B programmable. NA Bell standard. Requires 100/120/220/240 VAC 48-66 Hz; 7x16.8 x18.4, 62 lbs sh. #HP-3586B, Used-Repairable, \$595.00

Freq Selective Voltmeter

SIERRA 128A FREQUENCY SELECTIVE VOLT-METER for analyzing carrier signals over 10 KHz to 15.1 MHz LSB-AM-USB; utilizes all-transistor frequency lock, Could probably be used as receiver. Separate circuits for MHz and KHz tuning each with controls COARSE, FINE, CURSOR, and input TRACKING SIGNAL BNC jack. Voltmeter has ranges 30 uV to 30 V in 13 steps; DB ranges -90 to +30 DB. Select 75-135-600 ohm termination or 1 MHz calibrator; also Selectivity WIDENARROW, Main Tune LOCK-CONT, Audio GAIN, and phone jack. Requires 115 V 60 Hz or 28 VDC 220 ma. May have brown or beige front panel; 12x20x15.5, 52 lbs sh. #SIE-128A, Used-repairable w/ book, \$100



Vector Voltmeter



HEWLETT-PACKARD 8405A VECTOR VOLT-METER, measures both magnitude and phase over 1 to 1000 MHz in 21 overlapping bands. Also capable of determining insertion loss, group delay of bandpass filters, complex impedance of mixers and antennas, RF distortion and in-circuit probing. Ranges: 100 uV to 1 V-rms full scale in 10 db steps. Phase: 360 degrees on 0-center meter with end scale ranges +/- 180, 60, 18 and 6 deg. Band-width: 1 KHz. Requires 115/230 VAC50-400 Hz; 7x16.8x18.4, 36 lbs, #HP-8405A-UR, Used Repairable w/ manual repro,\$295

H-P Audio Oscillator



HP-201C Oscillator, Vacuum Tube Type covers 20 Hz to 20 KHz in 3 ranges; output 3 W (42 V) into 600 ohms; 50 V max no load. Distortion <0.5%; Attenuator 0-40 DB in 10 DB steps. Requires 120VAC 50-400Hz. 7.5x10.8x12.5, 20 lbs sh. With manual repro. #HP-201C-UR, Used Repairable, \$85.00 #HP-201C-CH, Checked, \$119.50

URM-127 Audio Oscillator

AN/URM-127 SOLID-STATE AUDIO OSCILLATOR, 20 Hz to 200 KHz in four bands. Metered output 0-10 Vrms into 500 or 1000 ohms in 7 decade ranges. Design accuracy +/-2%; stability +/-0.5%. Requires 115 VAC 50-70/380-420 Hz. 7.5x13x4.5, 15 lbs sh. #URM-127-UR, Used Repairable, \$55.00 #URM-127-CH, Checked, \$100.00



AN/URM-127A newer version, but no frequency meter. #URM-127A-UR, Used repairable, \$65.00 #URM-127A-CH, Checked, \$120.00

Manual repro for URM-127, #MM-URM-127, \$12.00
Manual repro for URM-127A, #MM-URM-127A, \$12.00

1K ohm Dummy Load for URM-127 & TS-382 oscillators. Has two banana jacks, two terminal posts, and a BNC female connector. #DA-35, Used, \$8.00



UG-514 Adapter Connector for URM-127 & TS-382. Has two banana jacks, two terminal posts, and a BNC female connector. 1 lbs. #UG-514, Used, \$7.50

Audio Attenuator

The Shallco Attenuator Network is a 600 ohm impedance, decade type, unbalanced "T" circuit direct reading unit providing accurate performance in the low radio frequency spectrum, and usable over the range from 0 to 10 MHz. Accuracy +/- (.5% + .03 dB) of setting when checked at 1KHz. Unit has a range of 0 to 110dB in 1 dB steps and is equipped with 3/4" spacing 5 way binding posts. 7.5x12x5.3, 8 lbs sh. #12851-1, Unused, \$99.50



Audio Output Meter



TS-585 OUTPUT METER for audio amps, filters, oscillators. Ranges 0.1-5 mw, -10-+7 dbm; 1-50 mw, 0-+17 dbm; 100-500 mw, +10-+27 dbm; 100-5000 mw +20-+37 dbm read on 3.5" dia meter. Multiplier circuit x0.1, x1, x10, x100 allows input impedances

2.5 to 20000 ohms in 40 steps; 30-10000 Hz response. 8.5x11x5.5, 17 lbs sh. #TS-585, Used, \$69.50; Manual, partial-reproduction, #MM-TS-585, \$8.50

Noise Level Meter

Northeast Electronics TTS37BR Noise Level-VU Meter, 1 & 10 db/step attenuators measures level +23 to -95DBM; Noise 13 to -5 DBRN. Input impd 900 & 600 ohm circuits balanced/ unbalanced, terminating or bridged. Sensitivity -80 DBM @ 0 DB. Has large VU-meter with scales -15 to +3 VU-DB, -5 to +13DBRN. 8.8x19x7.5, 15 lbs. #TTS37BR, Used Repairable w/book, \$99.50



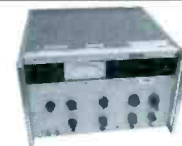
Audio Test Set



MARCONI TF2005 DUAL AUDIO TEST SET, low distortion unit (designed <0.05%) consists of two 20 Hz-20 KHz oscillators, 0.1-111 dB T-attenuator and voltmeter. Output 15 dBm into 600 ohms. Attenuator balanced 75, 150, 600 ohms 1 W max; unbalanced 600 ohms. Voltmeter ranges 1.5, 5, 15, 25 V; dB ranges +10, +20, +24. Requires 115 VAC 50-60 Hz; 7x17x11, 32 lb sh. Less power cord. #TF2005, Used Repairable with output, \$195.00

H-P Analyzer

HP-312B ANALYZER / FREQUENCY SELECTIVE VOLT-METER, 1 KHz to 18 MHz AM, AM AFC, BEAT, USB, LSB in 18 overlapping bands indicated on 7-digit readout. Synthesizer for tuning phase-locked in 1 MHz steps. Bandwidth 200, 1000 or 3100 Hz. Reference level -40 to +20 DBM in 10 DBM steps. Amplitude -60 to 0 DB in 10 DB steps. Impedance selectable 50, 60, 75, 124, 135, 150 or 600 ohms balanced or unbalanced. Audio output > 0.5 V rms into 10K ohm full scale deflection. Recorder output 1 V full scale deflection open circuit. Requires 115/230 VAC 50-400 Hz; 16.8x10.5 x18.8, 51 lbs. #HP-312B, Used Repairable, \$195.00



HP-3581A Analyzer



HEWLETT-PACKARD 3581A WAVE ANALYZER, separates and measures frequency and amplitude spectral components over 15 Hz to 50 KHz with

1 Hz resolution. Uses 5-digit LED freq- readout & analog meter for amplitude analysis. Meter scales: Volts (30 V - 100 nV linear), 90 dB or 10 dB display (+30 dB to -150 dB log). Sweep scan width adjusts 50 Hz - 50 KHz. Requires 100-120/200-240 V 48-440 Hz; rackmount: 10.5x 19.3x16.3, 30 lbs sh. #HP-3581A, Used Checked, \$395.00

HP Wave Analyzer

HEWLETT-PACKARD 310A WAVE ANALYZER, a frequency selective voltmeter-receiver covering 1 KHz to 1.5 MHz with bandwidths 200,1000, and 2000 Hz; resolution 200 Hz/div. Modes AFC-Normal-BFO-USB-LSB-AM. Amplitude ranges 10 ux to 100 V full scale, 16 steps. AFC: dynamic hold-in +/-3 KHz min @ 100 KHz; tracking 100 Hz/sec. Has headphone jack and is operable as VLF receiver. Requires 115/230 V 60 Hz; 10.8x16.8 x18.4, 50lb. #HP-310A, Used-repairable w/ manual, \$125.00



Distortion Analyzer

HEWLETT-PACKARD 331A DISTORTION ANALYZER, measurement of total distortion 0.1%-100 % in 7 ranges over 5 Hz to 600 KHz; harmonics to 3 MHz. 1 KHz filter attenuates frequencies below 400 Hz. Fundamental rejection >80 DB. Meter indicates 300 uV to 300 V rms in 13 ranges, 10 DB per range. Requires 115/230 V; 16.8x5 x15.3, 24 lbs sh. #HP-331A, Used Checked w/ manual, \$225.00 #HP-334A, Used Checked w/ manual, \$300.00



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HP Carrier Test Set



HEWLETT PACKARD 3550A CARRIER TEST SET for field testing transmission line and system characteristics.

Includes solid-state 204C Oscillator, 493B Voltmeter, and 353A Patch Panel described below in transit case. Regulating batteries removed; 8.4x19.3x13.3, 36 lbs sh.
#HP-3550A, Used Repairable, \$169.50
#MM-HP-3550A, Manual repro, \$25.00

HP-204C AUDIO OSCILLATOR, AC line or rechargeable battery operation. Unit provides frequency from 5 Hz to 1.2 MHz in six overlapping ranges. Delivers an output voltage of >2.5 V-rms (10 mW or +10 DBM) into 600 ohm. Includes Sync Output: > 100mV-rms into <100pf over entire range. 5.1x6.3x8, 9 lbs sh.
#HP-204C, Used Repairable, \$90.00
#MM-HP-204C, Manual repro, \$12.00

HP-403B AC VOLTMETER, measures 0.001 to 300V-rms in 12 calibrated steps, -60 to +50 DB in 10 DB steps. Response 5 Hz - 2 MHz. Requires 115/230 VAC and four 6 V 225ma batteries in regulating circuit. 5.1x6.3x8, 9 lbs sh.
#HP-403B-LB, Used Repairable, less batteries, \$69.
#MM-HP-403B, Manual repro, \$12.00

HP-353A Telephone Patch Panel, 50Hz-560Khz. Output impedance 135, 600, and 900 ohms. Step 600 ohm attenuator. 2 pair of matching transformers primary 600 ohm, sec 135, 600, 900 ohms. 5.1x6.3x8, 9 lbs sh. #HP-353A, Used, \$30.00

Transmission Test Set

Northeast Electronics TTS-44 Transmission Test Set. A useful device for test and measurement of audio VLF-RF frequencies up to 99.99 KHz. Has a four digit display switchable from Hz to KHz, and an edgewise DB meter. Also, has a small front mounted speaker with level control. Send portion of unit generates frequencies in presets (404,1004, 2804 Hz) and variable ranges (35 - 375 Hz, 375 - 4.5 KHz, 4.5 - 60 KHz) and has an output attenuator from -40 to +10 db in six ranges. Both send and receive have two independent channels with bridged and terminated binding post and phone plug connections. 120VAC, and self contained battery operation (no warranty of battery condition) 12.7 x 15 x 7.5, 33 lbs sh. #TTS-44, Used repairable, \$69.50
#MM-TTS-44, Manual Repro for above, \$20.00



Communications Test Set



Schlumberger Stabilock 4031 Communications Test Set 0.4 - 1000MHz for testing of receivers and transmitters. This unit includes the following functions and more: signal generator, test receiver, frequency counter, power meter, modulation meter, audio generator, VSWR meter, AF power meter, rms voltmeter. These units are in excellent condition and pass their self test. We have run some of the functions, but this instrument has so many functions we could not fully test it. Satisfaction guaranteed. 21.5x14.7x9.4, 46 lbs sh. #SCHL-4031, Used excellent, \$3000.00

Wheatstone Bridge



ZM-4 Wheatstone Bridge used to measure DC resistance. Resistance measurement range 1 ohm to 1.011 M ohms +/-0.15%; As a resistance substitution box it is adjustable in 1 ohm steps from 0-10110

ohms. The current limit of the resistors is 16-500ma depending on setting. Galvanometer indicates balance in test circuit. Requires three "D" batteries. Also 22.5 to 200 VDC for more accurate readings above 1000 ohms. Can be used as a precision resistor substitution box. 5.8x7.3x8.8, 12 lbs
#ZM-4-UR, Used Repairable, \$34.50;
#ZM-4-UR-L, Used Repairable less galvanometer, \$17
#ZM-4-CH, Used Checked, \$49.50;
Manual repro, #MM-ZM-4, \$12.00

LC Bridge

3 1/2-DIGIT LC BRIDGE. Digital LC meter with 3" LCD display and figure height 21mm. automatic zero indication: high measuring accuracy. Capacitance: 2n/20n/200n /2µ/20µF/200µF. Inductance: 2m/20m/200m/2H. 7.4" x 3.6" x 1.2" 3 lbs sh. With manual, test leads, holster, 9V battery. #DVM6243, New,\$96.86



Anemometer



ANEMOMETER. Wind speed measurements in mph, km/h or m/s units. Reads up to 65MPH. Wind speed in Beauford wind scale bar graph. Wind chill display. Temperature display in degrees Celsius or Fahrenheit. Data-hold function. Auto power OFF. LCD backlight. Comes with neckband and 1 x 3V CR2032 battery. 1.5"x.7"x 3.9". #DVM9500, New, \$69.95

Digital Tachometer

RPM-measurements are now safe and accurate. 5-digit LCD displays the exact rpm: 2.5 to 99,999rpm. The last value / max. and min. values are stored automatically. Resolution : 0.05%. Comes with case. Requires 9V battery. #DT06234, New, \$79.95



Infrared Thermometer



INFRARED THERMOMETER. One-handed operation. Laser technology. Range 0 to 788F. Resolution 1F / 1C. Spectral response 6-14µm. Response time 50 ms. Accuracy -20C to +100C ± 3C, +101 to +500C ± 3C. Operating temperature 0 to +50C. Power consumption 40mA max. Requires a 9V-battery (not included) 1.7" x 1.6" x 6.7". 2 lbs sh. #DVM8869, New, List Price, \$179.90; Our Price, \$149.50

TS-656 Test Meter

TS-656 Electrical Meter Test Set supplies accurately metered AC and DC voltages and DC current to test meter movements. AC, DC voltages 0 to 2.5, 5, 10, 25, 50, 100, 250, 500. DC current: 0 to 100 ua, 250 ua, 500 ua, 1 ma, 2.5 ma, 5 ma, 10 ma 25 ma 50 ma, 100 ma, 250 ma, 500 ma and 1 amp. Requires 120 v 60 hz. 55 lbs sh. 17.75 x 14.25 x 11.75, With operators info. #TS-656, Used Repairable, \$149.50



Sweep Generator



SG-677 Sweep Generator, solid-state covering 0.5 to 1200 MHz in ranges 0.5-300 & 300-1200 MHz; output 0.5Vrms into 50 ohms. Sweep width continuously

variable 0.01-1 MHz (Narrow), 0.5-400MHz (Wide). Sweep rate continuously variable, 5-60 Hz. Attenuation 0-70DB in 10DB steps + vernier; markers 1-10-50MHz. Requires 115VAC 60/400Hz. 10.5x19x17, 38 lbs sh.
#SG-677, Used Repairable, \$275.00
#MM-SG-677, Manual Repro, \$15.00

URM-26B Generator

SG-117/URM-26B SIGNAL GENERATOR, 4 to 405 MHz AM-CW - Pulse in six bands. Output 0.1 to 100K uv into 50 ohms. Modulation 400 or 1K Hz 0-50%. External pulse-mod requires positive 40 V-min 50-500 pps; duration 2-40 usec and 70 ohm input impedance. Requires 115 V 50-1000 Hz. Outer case may have small dents. 11.3x14x10.5, 36 lbs sh. #URM-26B, Used Checked, \$160.00
Manual repro, #MM-URM-26B, \$10.00



Accessories sold only with purchase of URM-26B: 2:1 attenuator, 50 ohms, #CN-315, \$8.00
10:1 50 ohm, #CN-316 \$10.00
10:1 70 ohm, #CN-471 \$10.00
Impedance matcher, #CU-439, \$10.00
BNC cords, 4 foot, #BNC-4ft, \$4.00;
BNC cords, 6 inch, #BNC-6IN, \$2.00

SG1174 Signal Generator



SG-1174/U (AUL 6201B) Signal Generator 3.8 - 7.6 GHz. Internal modulation of CW, pulse, square wave, FM or accepts external modulation. Control complement includes vernier tuning, attenuator, sync multiplier, pulse rate (40-400pps), pulse width (.5-10us), sync delay (3-300us), and FM modulation level. Solid-state design except for 5037 klystron. 50 ohm output, plus sync and sync delay outs; external modulation inputs. 5.7x19x13.7, 54 lbs sh, No manual available. #SG-1174, Used Repairable, \$150.00

UHF Signal Generators

HEWLETT-PACKARD 620B SIGNAL GENERATOR, 7 to 11 Ghz in single band FM, pulse or squarewave modulation. Calibrated output 0.1 uv to 0.224 V into 50 ohms. Also second 0.3 MW uncalibrated output useable for phase locking. Pulse rate 40 to 4000 pps; width 0.5 to 10 usec. Uses 5721 or = klystron. Requires 115/ 230 VAC 50-400 Hz. 13.9x17.5 x17.4; 70 lbs. #HP-620B, Used Repairable, \$200.00
Manual repro for above, #MM-HP-620B, \$17.00



HP-618C GENERATOR, similar to 620B except 3.8 to 7.6 Ghz; #HP-618C, Used Repairable, \$150.00
Manual repro for above, #MM-HP-618C, \$17.00

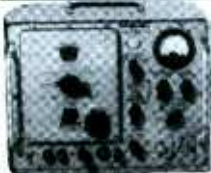
TS-403 RF GENERATOR, 1.8-4.2 Ghz; 0.1-200K uv out. Similar to HP-616B; 70 lbs shipping.
#TS-403, Used Repairable, \$150.00
Manuals repro for above, #MM-TS-403, \$17.00

SG-557/TS-621 RF GENERATOR 3.8-7.5 Ghz FM-CW; 110 lbs sh. #SG-557, Used Repairable, \$150.00
Manuals repro for above, #MM-SG-557, \$17.00

CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

50 MHz Signal Generator



AN/URM-25 SIGNAL GENERATOR with accessories; covers 10 KHz to 50 MHz in 9 bands. Output to 100K uv into 50 ohms.

Modulation 0-50% 400 or 1000 Hz; internal 1 MHz calibrator. Includes MX-

1487 impedance adapter, SM-35 antenna simulator, attenuators CN-223-224, test cable & manual repro. Requires 115 VAC 60 Hz; 11.3x14x10.8, 52 lbs. #URM-25-UR, Used Repairable, \$110.00 #URM-25-CH, Checked, \$179.50 #URM-25-GR, Gov. Reconditioned Checked, \$225.

Dummy Antenna for URM-191 & other signal generators such as the URM-25. 50 ohm impedance. Has a female BNC connection on each end. #DA-650, Used, \$6.00



Fixed 5:1 Attenuator for URM-191 & other signal generators such as the URM-25. Has a female BNC connection on each end. #CN-1418, Used, \$7.00

Adapter Connector for URM-191 & other signal generators such as the URM-25. Has a female BNC connection on one end and a 1/4" phone jack on the other end. #35-28102-14, \$6.50

HP-8640B Signal Generator



HEWLETT-PACKARD 8640B RF GENERATOR w/ options 001/003 for 500 KHz -512 MHz

AM-FM-Pulse in 11 bands read on 7-digit display. Output +19 to -145 dbm (2 V to 0.013 uv); phase-lock FM. Opt 003 is reverse power protection. Requires 100/120/220/240 VAC 48-440 Hz; 5.5x16.8 x18.8, 53 lbs shipping.

Used Checked w/manual copy, #HP-8640B-13, \$995

MILITARY VERSION of popular solid-state HEWLETT-PACKARD 8640B with opt 323 (AN/USM-323). Covers 500 KHz to 512 MHz AM-FM-Pulse in ten octave



ranges using 6-digit LED readout; to 1024 MHz using external freq doubler (not available). Output: 0.01 uv to 2 V (-144 to +19 DBM); modulation 400, 1000, 5000 Hz. Pulse: 0.05-5 KHz. Resolution 10 Hz (0.5-4 MHz), 100 Hz (4-64 MHz), 1 KHz (64-512 MHz). USM-323 does NOT have these features: seventh 1/2 digit, X100 Expand, ext-count input, phase-lock. Mounted in transit case. Requires 103-127/207-242 VAC 48-440 Hz; 7.8x19.5 x22.4, 70 lbs.

#USM-323, Used Checked w/book copy, \$795.00

480 MHz Signal Generator



HEWLETT-PACKARD 608E SIGNAL GENERATOR, best of 608-series covers 10-480 Mhz AM-CW-pulse; 1 & 5 Mhz calibration check points over range make +/-0.05% accuracy possible. Modulation 400 or 1000 Hz internal; external 20 Hz-20 KHz, 0 to 90%. Large 3.5" dia meters for Percent Modulation & Output Volts-DBM. Requires 115/230V 50-400 Hz;

16.4x13.3x21, 72 lbs.

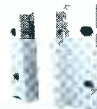
#HP-608E-UR, Used Repairable, \$225.00

#HP-608E-CH, Checked, \$275.00

Manual repro for above, #MM-HP-608E, \$15.00

FIBERGLASS TRANSIT CASE for HP-608 generators; 30 lbs sh. #FIB-USM-44B, used, \$30.00

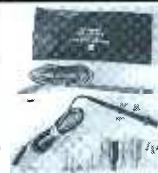
Rack Mount Ears



3 1/2" Rack Mount Ears by Hewlett Packard. With mount screws. #5061-0074. Unused, \$7.00 per set

Test Leads

Deluxe Test Lead Kit has two each of the following: Test leads 54" long, alligator clips with protective boot, spade lugs, sharp pin tips, short dull pin tips, long dull pin tips, and banana plugs. Comes in a protective plastic case. #TL-102, New, \$5.95 each; 2 for \$10.00



TEST LEADS. 2 test leads with protection caps. Ratings: 1000V / 15A. Length: 30" / 37". #TLM1, New, \$4.99

SET OF TEST LEADS - 2 BANANA PLUGS. 2 test leads (with banana plug) 0.16". Length: 39.4". #TLM2, New, \$0.99



SET OF TEST LEADS - BANANA PLUG / BOOTED CROCODILE PLUG. 3 test leads (banana plug 0.16" / booted crocodile plug). Length: 35.4". #TLM3, New, \$0.99



SET OF TEST LEADS - 2 HOOKED BANANA PLUGS. 2 test leads (2 hook banana plugs) 0.16". Length: 35.4". #TLM4, New, \$1.19



Test Leads with alligator clips. Each test lead is 55" long. Used in conjunction with PSM-6 and other military meters. #MX-1909, Unused, \$4.

Red & black panel jacks // above. #J-19, used, \$2 per set

Wire Clips

144mm LONG WIRE CLIP FOR CABLE CONNECTION. Suitable for cable and 4mm banana plug. Length is 5.7". Black color, #CM23B, \$1.64 Red color, #CM23R, \$1.64



40mm WIRE CLIP. Solder connection. Length is 1.6".

Black color, #CM22B, \$0.99; 3 for \$1.99 Red color, #CM22R, \$0.99; 3 for \$1.99

Alligator Clips

ALLIGATOR CLIP 10A. Solder conn. Length 2.2". Boot color black, #CM16B, 4 for \$0.99; 10 for \$1.99 Boot color red, #CM16R, 4 for \$0.99; 10 for \$1.99

As above but 27mm. Boot color black, #CM5B, 12 for \$0.99; 24 for \$1.69 Boot color red, #CM5R, 12 for \$0.99; 24 for \$1.69



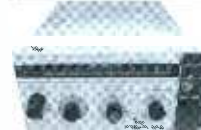
20 amp rated Industrial Alligator clip with spiny contact by Mueller. No insulation. Unused, #AC-1868, \$1.25 each; 3 for \$3.00

Jumper Test Leads

SET WITH 10 WIRES 50cm 5 COLORS WITH BOOTED 32mm CROCODILE CLIPS. Crocodile clips: 5/4". Cable length: 20". Booted alligator clips: 25mm. #CM12, New, \$1.79



HP Analyzer Plug-In



HEWLETT-PACKARD 8553B SPECTRUM ANALYZER PLUG-IN for HP-141T main-frame; covers 1 KHz to 110 Mhz in bands 0-11 and 0-110 Mhz. IF bandwidths: 10 KHz to 300 KHz, 1-3

sequence. Scan widths on 10-division CRT: 20 Hz/div to 10 Mhz/div in 18 calibrated steps, 1-2-5 sequence. 4x8.9x13.5, 17 lbs.

#HP-8553B-UR, Used Repairable, \$250.00 Manual partial repro, #MM-HP-8553B, \$17.00

HP-8552B IF Plug-in for 141T. Features video filtering, recorder outputs and an internal calibration signal to make the spectrum analyzer easier to use. Provides band-



width/gain selection and detection. Internal calibration standard is -30dBm, 30MHz signal. 16.8x16.4x8.8, 14 lbs sh. #HP-8552B, Used operates but may need adjustment, \$350.00

HEWLETT-PACKARD 8445B AUTOMATIC PRESELECTOR. This YIG tuned filter unit is designed for use with the HP-141T Analyzer with the HP-8555A Plug-in. Suppresses harmonic mixing image and multiple responses from 1.8 to 18 GHz. Clean band sweeps of 2, 4, 6, or 8 GHz are possible depending on the band selected. N connections. Less interconnect cable. Requires 100/120/200/240 V 48-440 Hz. 3.5x16.8 x18.4, 25 lbs sh. #HP-8445B, Used Repairable, \$299.00

Scope Probes



OSCILLOSCOPE PROBE 150MHz. Complete probe set for measurements up to 150MHz. Attenuation: 1:1 or 1:10. Position x1 - bandwidth: DC to 60MHz, input resistance: 1Mohm (input resistance scope) input capacitance: 90pF + cap. scope. Position x10 - bandwidth: DC to 150MHz, input resistance: 10Mohm (if scope input = 1Mohm), input capacitance: 15pF approx. Cable length 3.9ft. #PROBE150, New, \$44.12

OSCILLOSCOPE PROBE 100MHz. Complete probe set for measurements up to 100MHz. Attenuation: 1:1 or 1:10. Position x1 - bandwidth: DC to 60MHz, input resistance: 1Mohm (input resistance scope) input capacitance: 90pF + cap. scope. Position x10 - bandwidth: DC to 100MHz, input resistance: 10Mohm (if scope input = 1Mohm), input capacitance: 16pF approx. Cable length 4.6ft. #PROBE100, New, \$29.95



INSULATED SCOPE PROBE 60MHz. Complete probe set. Insulated for hand-held equipment. Attenuation: 1:1 or 1:10. Position x1 - bandwidth: DC to 15MHz, input resistance: 1Mohm (input resistance scope), input capacitance: 46pF + cap. scope. Position x10 - bandwidth: DC to 60MHz, input resistance: 10Mohm (if scope input = 1Mohm), input capacitance: 18pF approx. Cable length is 4.6ft. With insulated BNC connector. #PROBE60S, New, \$19.95



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Tektronix Plug-ins

Each of the plug-ins listed below are used repairable.

Part Number: #TEK-(specify model)

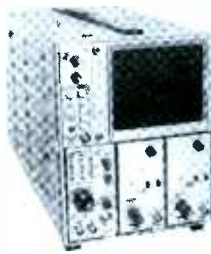
- 1A2 Dual Trace, \$30.00
- 1A6 Differential Amplifier, \$30.00
- 2B67 Time Base, \$45.00
- 3A1 Dual Trace Amplifier, \$45.00
- 3A6 Dual Trace Amplifier, \$45.00
- 3A72 Dual Trace Amplifier, \$40.00
- 3A74 Quad Trace Amplifier, \$80.00
- 3B3 Time Base, \$40.00
- 3S76 Sampling Dual Trace, \$40.00
- 5A14 Four Channel, \$100.00
- 5A15N Single Trace Amplifier DC-2MHz, \$35.00
- 5A18N Dual Trace Amplifier, \$79.50
- 5A21N Differential Amplifier, \$50.00
- 5A24N Single Trace Amplifier DC-2MHz, \$30.00
- 5A38 Dual Trace, \$45.00
- 5A48 Dual Trace, \$60.00
- 5B10 Time Base / Amplifier, \$50.00
- 5B12N Dual Time Base, \$85.00
- 5B25N Digitizer / Time Base / Amplifier, \$99.00
- 5B40 Time Base, \$60.00
- 5B42 Delaying Time Base, \$85.00
- 5T3 Time Base, \$65.00
- 7A11 Amplifier, \$99.00
- 7A12 Dual Trace Amplifier, \$60.00
- 7A13 Differential Comparator, \$125.00
- 7A15A Amplifier, \$60.00
- 7A16A Amplifier, \$99.00
- 7A17 Amplifier, \$40.00
- 7A18 Dual Trace Amplifier, \$125.00
- 7A19 Amplifier, \$125.00
- 7A22 Differential Amplifier, \$150.00
- 7A24 Dual Trace Amplifier, \$99.00
- 7A26 Dual Trace Amplifier, \$99.00
- 7B10 Time Base, \$199.00
- 7B50 Time Base, \$155.00
- 7B53A Dual Time Base, \$179.00
- 7B71 Delaying Time Base, \$175.00
- 7B80 Time Base, \$125.00
- 7B85 Delaying Time Base, \$150.00
- 7B87 Time Base, \$175.00
- 7B92A Dual Time Base, \$199.00
- 7D15 225MHz Counter / Timer, \$199.00
- 10A2 Dual Trace Amp, \$50.00
- 11B1 Time Base, \$40.00
- 53/54K Fast Rise .05-20V/cm, \$20.00
- 72 Dual Trace Amplifier, \$45.00
- 80 Single Trace DC-80MHz, \$40.00
- 82 Dual-Trace for Tek 581/585/A, \$50.00
- AM-6565/U Amplifier (7A15AN11), \$45.00
- B Wideband 50mv-20V/cm, \$25.00
- CA Dual-Trace DC-24 MHz, \$40.00
- H Wideband 50mv-20V/cm, \$25.00
- L Wideband High Gain, \$30.00
- M Four Channel DC-20 MHz, \$39.50
- O Operational Amplifier, \$50.00
- P Rise Time Test Unit, \$25.00
- Q Transducer-Strain Gauge, \$85.00
- Z Differential Comparator, \$85.00

Tek Plug-in Adapter



Tektronix type 81 DC-30MHz Vertical Plug-in Adapter. Allows the use of all 1-series and letter-series plug-ins with 580-series oscilloscopes. Tube type version. 12.2x5.9x7.1, 6 lbs sh. #TEK-81, Used, \$29.95

TEK 7603N11S



AN/USM-281C (Tektronix 7603-N11S) OSCILLOSCOPE, modern, versatile 7000-Series scope with large 8 x 10 cm display and at least 65 Mhz response. Includes two AM-6565 (7A15AN11) single-trace and one TD-1085 (7B53AN11) dual time base plug-ins plus the 100 Mhz mainframe accepts standard Tek 7000-Series

plug-ins. Vertical deflection 5 mV - 10 V/div in 11 calibrated steps, 1-2-5 sequence; vernier to 25 V/div. Sweeps: Normal, Intensified Delay, Delayed and Mixed. Rate 0.05 uS - 5 S/div in 25 steps, 1-2-5 sequence; 5 NS rate using x10 magnifier. Delayed rate 0.05 uS to 0.5 S/div in 22 steps. Requires 100-120/200-240 VAC 48-440 Hz. With book; 11.5x9.7x25.2, 52 lbs.
#USM-281C-UR, Used-Repairable, \$320.00
#USM-281C-CH, Checked, \$400.00
Manual repro f/ USM-281C only, #MM-USM-281C, \$30

+++++

ADAPTERS for USM-281C/TEK7603:

- ADAPTER BNC (f) - UHF (m) #103-0015, \$2.50
- ADAPTER BNC (m) -UHF (f) #103-0032, \$2.50
- ADAPTER BNC (m) to post, #103-0033, \$2.50
- T-CONNECTOR, BNC (f-m-f) #103-0030, \$3.00
- CABLE, 8 ft BNC, 50 ohms, #012-0118, \$4.00

TEK 500 Modules / Plug-ins

The TEK TM503 Power Module benchtop mainframe is a three wide power module compatible with all TM500 Plug-Ins. It provides unregulated DC and AC supplies and non-dedicated power transistors for plug-in usage.



- 17x8.35.9, 14 lbs sh. #TM503, \$125.00
- Four Wide Power Module, #TM-504, \$145.00
- Five Wide Portable w/ covers, #TM-515, \$169.00

Part Number for plug-ins below:
#TEK-(specify model)

- AM502 Differential Amplifier, \$195.00
 - AM503 Current Probe Amplifier (no probe included), \$179.00
 - DC501 Counter 110 MHz, \$199.00
 - DC502 (opt. 1) Counter, \$199.00
 - DC503 Universal Counter, \$129.00
 - DC504 Counter / Timer, \$129.00
 - DM501 Digital Multimeter, \$99.00
 - DM502 Digital Multimeter, \$149.00
 - FG501 Function Generator, \$129.00
 - FG503 Function Generator, \$129.00
 - PG501 Pulse Generator, \$129.00
 - PG505 Pulse Generator, \$225.00
 - SG503 Leveled Sine Wave Generator, \$499.00
 - TG501 Time Mark Generator, \$499.00
- **** TEK 5000 Plug-in ****
- FG5010 Programmable Function Generator, \$999

Personal Scope Special



PERSONAL SCOPE 10MS/s. Complete portable oscilloscope the size and the cost of a good multimeter. Ideal for hobby, service, automotive and development purposes. Suitable for measurements on audio equipment, line voltage applications, digital signals, all kind of sensors, signal analysis in automotive applications, car stereo, etc Its full auto

setup function, makes measuring waveforms very easy. 10MHz sampling rate. 0.1mV sensitivity. Up to 2MHz analog bandwidth. 5mV to 20V/div in 12 steps. 200ns to 100µs/div time base in 12 steps. Full auto setup. Trigger mode: run, normal, once, roll, slope, X and Y position signal shift. 100V readout with x10 option. Audio power calculation (rms and peak). dBm, dBV, DC, rms ... measurements, signal markers for Volt and Time. Frequency readout (through markers). Recorder function (roll mode). Signal storage (2 memories). LCD: 128x64 pixels / high-contrast. Requires five 1.5V AA battery or Nicd / NiMH (not incl.). Includes battery charging circuit. #HPS10, New, List Price, \$210.46; Our Price, \$159.50

275 MHz Scope

HEWLETT-PACKARD

1720A PORTABLE SCOPE, DC to 275 MHz response with dual channels, large 6x10 CM display, and selectable input impedance 50 ohms or 1



meg-ohm. Modes Channel A or B, A+B, A & B alternating, A & B chop. Deflection: 5 mv-5 V/div in 10 calibrated steps, 1-2-5 sequence plus vernier to 12.5 V. Sweep: 10 ns-0.2 s/div in 23 steps, vernier to 0.5 sec and X10 magnifier. Trigger normal, auto or single. Delay sweep: 10 ns-0.1 s/div in 22 steps, vernier to 0.25 sec; delay time varies 0.02 us-2 sec. Calibrator 1 KHz squarewave, 1 V p-p. Requires 115/230 VAC 50-440 Hz, 38 lbs.
#HP-1720A-UR, Used Repairable, \$375.00
#HP-1720A-CH, Checked, \$475.00

Similar except DC-150MHz, repairable, #HP-1710A, \$325
Similar except DC-100MHz, repairable, #HP-1741A, \$275

Manual repro for HP-1710A, #MM-HP-1710A, \$30
Manual repro for HP-1720A, #MM-HP-1720A, \$30

TEK 100 MHz Scope



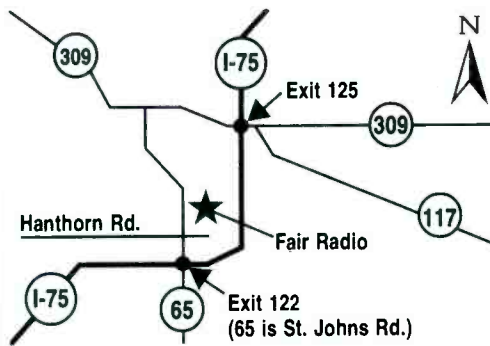
TEKTRONIX 465M (AN/USM-425) OSCILLOSCOPE, militarized portable dual-trace unit has response DC to 100 MHz and 8x10 CM display. Deflection 5 mv to 5 V/div in 10 calibrated

steps, 1-2-5 sequence plus vernier. Vertical modes: TRIG View, 20 MHz BW, CH 1, ALT, Add, Chop, CH 2 or X-Y. Sweep 0.05 usec to 0.5 sec/div in 22 steps plus vernier; delay 0.05 usec to 50 msec/div. Inputs: 1 Megohm paralleled by 20 pf. Also X10 magnifier, adjustable handle, and manual copy. Front cover is not available. Requires 100-132/ 200-264 V 48-440 Hz; 19.2x12.8x7, 32 lbs sh. #TEK-465M-UR, Used physically OK but power supply troubles, \$225.00
#TEK-465M-CH, Checked, \$375.00

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Sincgars Items



C-11129 Control for Sincgars Radio PRC-119. 4.6x5.9x4, 5 lbs sh. #C-11129, Used, \$49.50

Antenna bracket for MX-6707 or AS-3900 on the Hummer. 6.6x5.6x6, 3 lbs sh. #A3046166, Used good condition, \$25.00



- #CX-13290/VRC 19 ft Control cable 6 lbs sh. \$22.
- #CX-13290/VRC 9 ft Control cable 4 lbs sh. \$18.00
- #Cx-13300 2 ft Intercom Cable . 2 lbs sh. \$15.00
- #Cx-13300 3 ft Intercom Cable. 2 lbs sh. \$17.00
- #CX-13306/VRC Power Cable 2 ft 2 lbs sh. \$16.00

HF Radio Modem



Thrane & Thrane TT-1185 Radio Telex Modem. Mark / Space frequencies adjustable from 1Khz to 3 KHz. Phase continuous AFSK Keying. RS-410 type N Radio Control. Power input 90 to 240 VAC 50 - 400 hz, 20VA. 15.5x19x3.5, 16 lbs sh.

#TT-1185, Used excellent, \$150.00

TCS Shockmounts

TCS Transmitter / Receiver shock mount.

Shockmounts are not original, but look correct. #MT-TCS-4, 4 shock mt, \$35 #MT-TCS-6, 6 shock mt, \$40



AIC-10 Intercom System



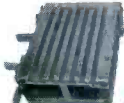
C-823 / AIC-10 Interphone Control includes AM476 solid state audio amplifier, call button, volume control. 27VDC required w/schematic. 5.6x3.6x3.6, 4 lbs. #C-823, Used, \$14.95

LS-184/AIC-10 Aircraft Dynamic Loudspeaker with AM-492 amplifier, usually used in the fuselage of larger aircraft and in the wheel well for ground crew communication. Power required 28 VDC and 170 VDC for 4/5/18 or equal tubes. 7.3 x 8.2 x 4.2, 6 lbs sh. #LS-184, Used, \$24.95 7 pin connector for above, #7P-LS184, \$18.00



TM11-5831-200-35 Field and Depot Maintenance Manual Intercommunication Set, AN/AIC-10 Covers C-823, C-824, C-825, AM-476, AM-476A, DY-77, DY-76, RE-94, LS-184, AM-492. #MM-AIC-10, Repro, \$35.00

Heatsink / Diode Assy



POWER HEATSINK with SCR Westinghouse T600121504BT. This series is 1.2KV. Could not find specs but it should be at least 125 Amps. Also, diode IR 150K120A 1.2KV 150 Amps MOV V510PA80C. No specs on this but it is large. Heatsink 7.75" x 6" x 3", 8 lbs sh. #T600121504BT, \$12.95

Intercom Control

C-6567/AIC-25 Intercommunication Set Control A panel-mounted assembly designed to provide high intelligibility intercommunication and radio monitoring facilities for aircraft and ground installations. The Set Control also provides for selection, control, and modulation of radio transmitters for communications with airborne, ground, or mobile stations. 11x11.5x7.3, 13 lbs sh. #C-6567, Used, \$125.00



Toilet Seats



Phone jack spring covers for WW2 Navy sets. Also useable on BC-1000, BC-659, BC-620 and others, but not exactly right. The hinge assembly is not the same. Unused, #CMX-23429. \$5.00 each. 10/\$40.00

Other toilet seats available similar to above. Black wrinkle phone jack cover. #PJ-TS1, Unused, \$3.00 each Olive Drab phone jack cover. #PJ-TS2, Unused, \$2.50 each Olive Drab phone jack cover marked "Phone". #PJ-TS3, Unused, \$2.60 each

BC-191 Dynamotor

Dynamotor BD-77 for BC-191 radio. 14 volts 39 amp input. 1000 volt 350ma output. 9.3x10.5x7.2, 38 lbs sh. #BD-77, Used, \$85.00



High Meg Resistors



Beman 10 megohm resistor 5% CJE 40Kv 35 Watts, size 6.5 x 2 inches. #Beman-10M, \$16.00

Cableform Products 30 Megohm resistor. CJC, 30Kv, Ferrule connections. 30 watts, size 10.5 x 1 1/8 #Cableform-30M \$25.00



For more high meg resistors see: <http://www.fairradio.com/0highmeg.htm>

2 Conductor Cable



2 conductor w/ ground and foil shield 22 AWG CL3R Instrumentation Cable E57497 with reel. 1000 foot. 75 deg C. Blue color. 21 lbs sh. #E57497, \$29.95

Hardline Coax

Coil Times Microwave Systems RG-331/U Semi Flexible Hardline 50 ohm Cable. 100 foot. One end has type N female FXA 12-50 NF Cable wave connector installed and one separate unattached connector. You can cut this cable to your length then install the other connector. Capacitance 25.4pf per foot; 2500 volts RMS; Temp. Range - 55 to +80 degree C. 17 lbs sh. #RG-331-100, Unused, \$59.50



10KV Power Supply

10KV high voltage power supply. Produces 10 Kvdc from 118 V 60 hz input. Max safe current 5 ma. ripple a 5ma 1% Made by CONDENSER PRODUCTS CORP. #PSL-10-5M, Unused, \$85.00



Patch Panel



SB-3189 Audio Communications Patch Panel. Normal 1/4 inch phone fits 52 pairs ADC jacks. Jacks are spaced for double phone plug. Each jack 2 normally closed and one SPDT. Some panels are red, some are black. 17.5x19x7, 31 lbs sh. #SB-3189, Used good condition, \$149.50

Each jack 2 normally closed and one SPDT. Some panels are red, some are black. 17.5x19x7, 31 lbs sh. #SB-3189, Used good condition, \$149.50

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Panel Meters

Analog Panel Meter, 0-50 UADC, 2.4" x 1.9", #AIM60005, New, \$7.99



Analog Panel Meter, 0-1 MADC, 2.4" x 1.9", #AIM601, New, \$7.99

Analog Panel Meter, 0-5 VDC, Scale reads 0-75 watts. 4.6" x 4.1", #251-4, New, \$12.00

Analog Panel Meter, 0-500 VAC, 4.6" x 4.1", #7600018, New, \$15.00

Crystal Receivers Book

Experimental Crystal Set Receivers Book, Issues of Modern Electrics from 1911 and 1912 provided the Experimental



Department where letters from experimenters were reprinted. Here you get the best of those letters. Illustrations of a wide variety of make-shift equipment that was being fabricated by impoverished experimenters. This isn't so much about crystal set circuits as it is about building the components needed. You get ideas on building coherers, variable and adjustable condensers, sliders for tuning coils, making a universal detector, galena detectors, and much more.

48 pages, #23276, New, \$6.95

Crystal Radio Kit



All the parts you need to construct a crystal radio. 3 plate sliding capacitor, 10 sided (Decagon Loop Antenna), germanium detector diode, and high impedance ear piece. Tunes broadcast band. Because of the large loop antenna, an outside

antenna is not required. The capacitor and loop need to be assembled. Hardware, information and necessary parts included 1 lbs sh. #CP-10DEC, Unused, \$27.95

TA-954 Phone



TA-954/TT NON-SECURE DIGITAL VOICE TERMINAL used in Tri-Tac comm-system: 4-wire set xmits and receives diphas-modulated digital voice and loop signaling info at 16K or 32K bits. 125 ohm line imped-

ance 125 ohms; range 4 km using WF-16 field (no stock). Requires 24-56 VDC, Tone pad has characters 0-9, FO-F-I-P-R-O-C; also Volume L-H Ring - Receive & H-350 handset. Plastic case is EM/EMC static protected. 7.3x4.5x10, 8 lbs sh. #TA-954-GR, Government Reconditioned, \$125.00

R-392 HF Receiver

R-392/URR RECEIVER with substitute meter, 0.5 to 32 MHz AM-CW in 32 one MHz bands using mechanical digital tuning. Triple conversion on lower 8 bands, double on others. Selective bandwidth 2, 4 or 8 KHz; 100 KHz xtal calibrator. With 25 tubes: 26A7, 26A6, 26C6, 26D6, 6AJ5, 12AU7. Requires 24-28 VDC 5 amps. Rugged vehicular version of R-390 receiver. 11.5x14.3x11, 58 lbs sh. Checked, \$550.00



MANUAL for R-392, partial reproduction, \$17.00
9-PIN CONNECTOR for R-392, \$32 w/ set purchase.
Power Supply for above, #25A1, \$45.00

Shure Microphone



Shure Unidirectional Dynamic Microphone. Ball-type. Dual HI Z & LO Z Impedance. Spherical grille is a very effective wind and pop filtering, ideal for close-up vocal miking. Symmetrical cardioid pickup pattern minimizes feedback. Lockable On-Off switch. Frequency response 80 - 15KHz. 3 pin XLR connector. Swivel adapter. 3 lbs sh. #588SDX, Unused in the original box, \$59.95

Receiver Rackmount



19" Rackmount Equipment Enclosure 12.25" height x 20.5" width x 20" deep. Accommodates 12.25" height. Good option for receivers such as R-390A, SP-600, etc... Enclosures are packaged broken down

in an easy to carry slim box with handle allowing for transporting in small vehicles etc... Installation can be done by one person in just minutes. Structure: Cold Rolled Steel Panels - 20 AWG. Rails: Laminated Steel - 16 AWG / Tapped with EIA Spaced #12-24. Front Door: Smoked Acrylic Door, Steel Frame With Key Lock. 15 Year Limited Warranty. 37 lbs sh. Drop shipped UPS from Florida. New. Two colors available: Ivory, #EZ19-07-01, \$179.50
Black, #EZ19-07-02, \$179.50

2 Gang Air Variable

2 Gang Air Variable Capacitor, 14-78pf and 17-100pf with a 0.09" air gap. Shaft is 3/4" L x 1/4" Dia. O/A 5.3x1.5x3.3, 3 lbs sh. #C-221/T-195, Used, \$19.95



Electrical Tape



Set of 6 rolls of electrical tape in different colors: yellow, white, green, black, blue, & red. Ideal for color code wiring your audio systems, computers, etc... 3/4" wide. Length is 16.4 feet per roll. #T5S, New, \$1.90

Handcrank Generator


G-25 (or equal) Handcrank Generator, used in various military phone equipment. Use to replace "dead" generator in antique phone or for remote bell ringer or as "worm shocker". 4" L x 2.5" diameter. 4 lbs sh. #G-25, Used, \$35.00

G-42 Handcrank Generator similar to above. From TA-312. #G-42, Used, \$36.00



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Fuses

 5x20mm 250VAC Fast Acting Fuses. New. Part # FF(Amps).

The following are 5 for \$1.00; 10 for \$1.78. Amps: 0.5, 1, 1.6, 2, 2.5, 3, 4, and 5

The following are 5 for \$1.40; 10 for \$2.50 Amps: 0.1, and 0.2

100 piece Fuse Set 5x20mm 250VAC Fast Acting. Consists of 10 of each of the following amps: 0.1, 0.2, 0.5, 1, 1.6, 2, 2.5, 3, 4, and 5. #K/FF, \$11.90



R-390A Fuses, New,

0.1 amp (good replacement for 1/8 amp), #6FF0.1N, 5 for 2.50, 10 for \$3.95

0.25 amp, #6FF0.25N, 5 for 2.50, 10 for \$3.95

3.15 amp (good replacement for 1/8 amp), #6FF3.15N, 10 for \$2.50

GM Delco Mic



GM Delco Microphone for mobile communications; black with PTT switch, coil cord & 5 pin male connector. #GM-DEL-MIC, \$10.00

DC Converter

24 - 12 VDC Converter. Compact design. Input 20-30VDC. Output 12VDC. Maximum current 5 Amps. Cigarette lighter plug. Fuse-protected. 3 lbs sh. #PSDC05, New, \$19.95



Cable Ties

100 pieces of Nylon Black Cable Ties, 4" x 0.1", - 40°F to 230°F, #K/TFB3, New, \$1.00



As above except, 5.5" x 0.14", #K/TFB4, New, \$1.78

As above except, 8" x 0.14", #K/TFB5, New, \$2.78

As above except, 11.4" x 0.14", #K/TFB6, New, \$5.50

BC-347 Interphone Amp.



BC-347 Interphone Amplifier, Part of RC-34, RC-35 or RC-36. Power required 14 VDC & 150-250 VDC. 5.8x3.9x2.4, 4 lbs sh. #BC-347, Unused, \$14.95

PE-86 Dynamotor

PE-86 dynamotor originally used on WW2 B-24 bombers to power BC-347 intercom system. Power input 28 VDC 1.25 amps, output 250 VDC 60 ma. 5.3x3.3x4.8, 6 lbs sh. #PE-86, Used, \$19.95



28VDC Power Supply



28VDC 1 amp Modular Supply on metal L-bracket removed from "unused" equipment. Has output adjust pot; requires 115 VAC 60 Hz. 4x4.5x2.5, 4 lbs sh. #EST-30-281, \$12.95

GRA-39 Control Group

AN/GRA-39 Radio Set Control Group enables an operator to transmit and receive voice communication through a radio set from a distance up to 2 miles by wire from the radio set. The GRA-39 was specifically designed for the following radio sets: VRC-12, 43, 49, 53, 64; GRC-125, 160; PRC-25, 74B, 77. This system will also work with any system that accepts the U-229 audio connector. The GRA-39 set used the H-250 or H-189 handset (sold separately). Each of the controls listed below require six D cells.



C-2328/GRA-39 Remote Control connects by wire to the C-2329. The C-2328 contains a microphone preamp 55 db gain, output 5 mw; driver amplifier output to

handset 5 mw, and a power amplifier output to loudspeaker 300 mw. This control has a built in speaker. 8.8x8.9x4, 13 lbs sh. Used, \$69.50


C-2329/GRA-39 Local Control has a mic amplifier gain of 55 db and a microphone preamplifier output of 5 mw. 8.8x8.9x4, 12 lbs sh. Used, \$59.50



H-250 Handset used checked, \$20.00

GRA-39 Manual Repro, \$15.00

Screw Anchor

 32" long Screw Anchor from GRC-103 radio system. 2.6" diameter. 5 lbs sh, #ANCH-103, Used, \$10

2 Conductor Cable

Black 18 gauge 2 conductor Cable by Carol. Type SVT. 300V 60C. 250 feet. 11 lbs sh. #86002, Unused, \$22.95



Gray 24 gauge 2 conductor Cable. Ideal for intercom use and other low voltage applications. Unused, 1000 feet Less reel, #WR-24-2-100, \$7.95; 1000 feet with reel, 14 lbs sh. #WR-24-2-1000, \$19.95

Audio Cable



U-77 to U-229 Coiled Audio Cable. 8 foot long stretched. #SM-D-875498, Unused, \$15.00

12" Guy Stake

12" Aluminum Guy Stake. Has 1/4" diameter hole near top of stake. #GS-12, Used, \$2.50; 5 / \$10.00



250KHz Mechanical Filter



250KHz Mechanical Filter from Collins F250A85. 8.5KHz Bandwidth. #526-9049-009, Unused in the original box, \$18.95

Dipole Fixture

DIPOLE FIXTURE, part of PRC-74 long-wire antenna set. H-shaped has 25i vinyl-covered 2-conductor copper wire: 2.5x12x1, 3lbs sh. #DP-MK-911, Unused, \$6.00



Inductors



The PI Wound Inductors listed below are enamel coated. The 2nd number in the part number designates the number of sections.

Part #	L x Dia	uHy	I - ma	Price	5 pcs	10 pcs
P3FE-1200	.50-.32	1200	50	\$5.00	\$20.00	\$30.00
P3PE-500	.50-.30	500	50	\$5.00	\$20.00	\$30.00
P2PE-675	.75-.45	675	200	\$5.00	\$20.00	\$30.00
P4PE-3500	1.00-.42	3500	200	\$5.00	\$20.00	\$30.00
P3FE-5800	.50-.50	5800	200	\$3.00	\$10.00	\$15.00
P3FE-12000	1.00-.42	12000	200	\$5.00	\$20.00	\$30.00

The Inductors listed below are Torroid style. Please contact us for a further discount if you have an interest large quantities.



Part #	L x Dia	uHy	I - ma	Price	5 pcs	10 pcs
TOR-33	.70-.35-.25	33	800	\$1.00	\$4.50	\$7.50
TOR-48	.55-.30-.18	48	800	\$1.00	\$4.50	\$7.50
TOR-59	.55-.30-.18	59	800	\$1.00	\$4.50	\$7.50
TOR-65	.55-.30-.18	65	800	\$1.00	\$4.50	\$7.50
TOR-76	.60-.38-.15	76-76	1200	\$1.00	\$4.50	\$7.50
TOR-850	1.10-.75-.28	850	800	\$1.00	\$4.50	\$7.50
TOR-1800	.65-.35-.20	1800	300	\$1.00	\$4.50	\$7.50

Roentgen Meter



Roentgen Meter as used on the Delorean in Back to the Future. FS=100ua. 4.2"H x 4.6"W. This is the original type of meter used on the dash of the Delorean. It can be illuminated with 12VDC. It has a round red light in the center. You will need to add the red square of lucit and "plutonium chamber" lettering. Meter is removed from equipment in good condition. 2 lbs sh. #BTTF-MTR, Used, \$49.50

Guy Wire

Guy Wire, MACWHYTE Clear coated 1/4 inch stainless steel wire rope. 7x19. Unused, 100 feet, #GY-WR-100, \$75. 500 feet, #GY-WR-100, \$300

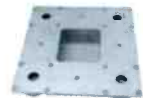


Mounts



MT-4658 Mount for ARC-159. 3 lbs sh. #MT-4658, Used, \$20.00

FT-161 Mount for BC-357 Beacon Receiver, 3 lbs sh. #FT-161, Unused, \$8.00



MT-759 Mount for AM-598. Less canvas strap. #MT-759, Used, \$15.00



TIQ-2 Amp & Turn Table



AM-20/ TIQ-2 AUDIO PA AMPLIFIER, Part of the TIQ-2 public address system that has been used since the 1950's uses 6SL7 as preamp

and drivers with 6L6 output tubes. Two mic inputs, phone/line input, radio/carbon mic input. Wood case with cover. Output 20 Watts 5% distortion, 50 - 10000 hz. Power input 115/230 V 60 hz. Size 19x14x9, 75 lbs sh. Repairable, \$250



MX-39 turntable used with the AM-20, 33 or 76 rpm. Accepts the very large records that the military used during this time period. Adjustable governor controlled motor. Power input 115/230 v 60 hz. Wood case with cover, 19x14x6, 45 lbs sh. Used repairable, \$75

TIQ-2 Manual original \$20.00

Inductors

First letter in part number is the Style: M - Multilayer; S - Single layer; P - Pl wound / number of sections;

Second letter in part number is the Material: P - Phenolic; F - Ferrite;

Third letter in part number is the Coating: C - Coated; S - Shrink covering; E - Enamel wire;

Example: A part number that starts out "MPE" would represent a Multilayer style, a Phenolic form, and a Enamel coating.



Multi Layer Enamel



Multi Layer Coated



Single Layer Enamel



Single Layer Shrink



Wideband

MULTI LAYER ENAMEL							
Part #	L x Dia	uHy	I - ma	Price	5 pcs	10 pcs	100 pcs
MPE-55	.40x.25	55	125	\$2.00	\$6.00	\$10.00	\$60.00
MFE-59	.70-.40	59	300	\$3.00	\$10.00	\$15.00	\$60.00
MPE-65	.30x.20	65	125	\$2.00	\$6.00	\$10.00	\$60.00
MPE-70	.30x.20	70	125	\$2.00	\$6.00	\$10.00	\$60.00
MFE-75	.30x.12	75	125	\$2.00	\$6.00	\$10.00	\$60.00
MPE-85	.30x.20	85	125	\$2.00	\$6.00	\$10.00	\$60.00
MFE-140-40-100	1.40x.40	100	2000	\$2.00	\$8.00	\$14.00	\$60.00
MFE-100-40-100	1.00-.40	100	800	\$3.00	\$10.00	\$15.00	\$60.00
MPE-107	.30x.20	107	50	\$2.00	\$6.00	\$10.00	\$60.00
MFE-30-15-110	.30x.15	110	50	\$2.00	\$6.00	\$10.00	\$60.00
MFE-125-45-110	1.25-.45	110	1200	\$3.00	\$10.00	\$15.00	\$60.00
MFE-115	1.50-.60	115	2000	\$3.00	\$10.00	\$15.00	\$60.00
MFE-122	.38x.25	122	125	\$2.00	\$6.00	\$10.00	\$60.00
MPE-135	.40x.55	135	300	\$2.00	\$8.00	\$14.00	\$80.00
MFE-135	.30x.18	135	50	\$2.00	\$6.00	\$10.00	\$60.00
MPE-138	.30x.20	138	125	\$2.00	\$6.00	\$10.00	\$60.00
MFE-150	.30x.18	150	50	\$2.00	\$6.00	\$10.00	\$60.00
MFE-170	.75-.40	170	800	\$3.00	\$10.00	\$15.00	\$60.00
MFE-178	.30x.22	178	125	\$2.00	\$6.00	\$10.00	\$60.00
MFE-180	.75-.50	180	125	\$3.00	\$10.00	\$15.00	\$100.00
MFE-200	.30x.12	200	125	\$2.00	\$6.00	\$10.00	\$60.00
MPE-218	.30x.22	218	125	\$2.00	\$6.00	\$10.00	\$60.00
MFE-100-30-260	1.00x.30	260	500	\$2.00	\$8.00	\$14.00	\$60.00
MFE-30-25-260	.30x.25	260	50	\$2.00	\$6.00	\$10.00	\$60.00
MPE-266	.30x.30	266	50	\$2.00	\$6.00	\$10.00	\$60.00
MFE-300	.30x.25	300	50	\$2.00	\$6.00	\$10.00	\$60.00
MPE-340	.30x.30	340	100	\$2.00	\$6.00	\$10.00	\$60.00
MFE-360	.30x.20	360	100	\$2.00	\$6.00	\$10.00	\$60.00
MPE-362	.30x.27	362	100	\$1.00	\$6.00	\$10.00	\$60.00
MFE-375	.30x.25	375	100	\$2.00	\$6.00	\$10.00	\$60.00
MPE-390	.30x.30	390	100	\$2.00	\$6.00	\$10.00	\$60.00
MFE-400	.75-.35	400	500	\$3.00	\$10.00	\$15.00	\$60.00
MFE-435	.30x.25	435	50	\$2.00	\$6.00	\$10.00	\$60.00
MFE-520	.75-.40	520	300	\$3.00	\$10.00	\$15.00	\$100.00
MPE-550	.30x.30	550	50	\$2.00	\$6.00	\$10.00	\$60.00
MFE-680	.30x.30	680	50	\$2.00	\$6.00	\$10.00	\$60.00
MPE-685	.30x.40	685	50	\$2.00	\$6.00	\$10.00	\$60.00
MFE-20-40-715	.20x.40	715	500	\$2.00	\$8.00	\$14.00	\$60.00
MFE-30-12-715	.30x.12	715	30	\$2.00	\$6.00	\$10.00	\$60.00
MFE-750	.50-.22	750	200	\$3.00	\$10.00	\$15.00	\$100.00
MPE-785	.30x.32	785	50	\$2.00	\$6.00	\$10.00	\$60.00
MPE-820	.30x.40	820	50	\$2.00	\$6.00	\$10.00	\$60.00
MPE-1000	.30x.40	1000	50	\$2.00	\$6.00	\$10.00	\$60.00
MFE-1110	.75-.40	1110	300	\$3.00	\$10.00	\$15.00	\$100.00
MFE-1125	1.20-.30	1125	200	\$3.00	\$10.00	\$15.00	\$100.00
MFE-1160	.40x.30	1160	50	\$2.00	\$6.00	\$10.00	\$60.00
MFE-3000	.30x.20	3000	30	\$2.00	\$6.00	\$10.00	\$60.00
MFE-40-20-4300	.40x.20	4300	50	\$2.00	\$6.00	\$10.00	\$60.00
MFE-78-70-4300	.78-.70	4300	200	\$3.00	\$10.00	\$15.00	\$60.00
MFE-6000	.85x.40	6000	200	\$2.00	\$6.00	\$10.00	\$60.00
MFE-6250	.30x.42	6250	75	\$2.00	\$6.00	\$10.00	\$60.00
MFE-7950	.40x.30	7950	30	\$2.00	\$6.00	\$10.00	\$60.00
MPE-11500	.50x.40	11500	30	\$2.00	\$6.00	\$10.00	\$60.00
MFE-13000	.75-.50	13000	125	\$3.00	\$10.00	\$15.00	\$100.00
MFE-17500	.75-.50	17500	125	\$3.00	\$10.00	\$15.00	\$100.00
MFE-39200	.75-.45	39200	125	\$3.00	\$10.00	\$15.00	\$100.00

MULTI LAYER COATING							
Part #	L x Dia	uHy	I - ma	Price	5 pcs	10 pcs	100 pcs
MPC-90	.30-.28	90	30	\$2.00	\$5.00	\$7.50	\$50.00
MFC-95	.25-.12	95	30	\$2.00	\$5.00	\$7.50	\$50.00
MPC110	.30-.25	110	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-135	.30-.19	135	30	\$2.00	\$5.00	\$7.50	\$50.00
MPC-145	.30-.22	145	30	\$2.00	\$5.00	\$7.50	\$50.00
MFC-155	.30-.19	155	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-25-30-180	.25-.30	180	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-30-30-180	.30-.30	180	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-195	.30-.18	195	30	\$2.00	\$5.00	\$7.50	\$50.00
MPC-200	.30-.25	200	75	\$2.00	\$5.00	\$7.50	\$50.00
MFC-205	.30-.20	205	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-225	.30-.30	225	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-260	.30-.25	260	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-265	.30-.30	265	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-266	.30-.30	266	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-30-30-300	.30-.30	300	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-30-22-300	.30-.22	300	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-325	.30-.30	325	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-355	.30-.22	355	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-425	.50-.40	425	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-510	.30-.30	510	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-590	.30-.28	590	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-625	.30-.35	625	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-835	.30-.40	835	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-1200	.35-.32	1200	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-38-32-1400	.38-.32	1400	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-32-32-1400	.32-.32	1400	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-1530	.35-.32	1530	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-1650	.40-.35	1650	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-1660	.35-.30	1660	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-7900	.40-.28	7900	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-8450	.40-.48	8450	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-10300	.50-.40	10300	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-16900	.50-.40	16900	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-21000	.65-.41	21000	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-23000	.50-.50	23000	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-26000	.65-.45	26000	50	\$2.00	\$5.00	\$7.50	\$50.00

SINGLE LAYER ENAMEL							
Part #	L x Dia	uHy	I - ma	Price	5 pcs	10 pcs	100 pcs
SPE1.5	.36x.11	1.5	200	\$2.00	\$5.00	\$7.50	\$50.00
SFE-4	.65x.22	4	2000	\$2.00	\$8.00	\$14.00	\$60.00
SPE-4.5	.62x.20	4.5	800	\$2.00	\$5.00	\$7.50	\$50.00
SFE-33-10-5.5	.33x.10	5.5	200	\$2.00	\$5.00	\$7.50	\$50.00
SFE-20-23-5.5	.20x.23	5.5	200	\$2.00	\$5.00	\$7.50	\$50.00
SPE-30-14-5.5	.30x.14	5.5	200	\$2.00	\$5.00	\$7.50	\$50.00
SPE-50-17-5.5	.50x.17	5.5	300	\$2.00	\$5.00	\$7.50	\$50.00
SPE-62-20-5.5	.62x.20	5.5	300	\$2.00	\$5.00	\$7.50	\$50.00
SPE-25-12-5.5	.25-.12	5.5	50	\$2.00	\$5.00	\$7.50	\$50.00
SPE-30-20-6	.30x.20	6	200	\$2.00	\$5.00	\$7.50	\$50.00
SFE-75-22-6	.75x.22	6	800	\$2.00	\$5.00	\$7.50	\$50.00
SFE-78-30-6	.78x.30	6	500	\$2.00	\$5.00	\$7.50	\$50.00
SPE-25-10-6.5	.25x.10	6.5	200	\$2.00	\$5.00	\$7.50	\$50.00
SPE-30-15-6.5	.30x.15	6.5	200	\$2.00	\$5.00	\$7.50	\$50.00
SPE-62-18-6.5	.62x.18	6.5	300	\$2.00	\$5.00	\$7.50	\$50.00
SPE-25-12-7.5	.25x.12	7.5	200	\$2.00	\$5.00	\$7.50	\$50.00
SPE-75-20-7.5	.75x.20	7.5	300	\$2.00	\$5.00	\$7.50	\$50.00
SPE-10	.35x.11	10	200	\$2.00	\$5.00	\$7.50	\$50.00
SPE-42-10-11	.42x.10	11	200	\$2.00	\$5.00	\$7.50	\$50.00
SPE-50-13-11	.50x.13	11	200	\$2.00	\$5.00	\$7.50	\$50.00
SPE-11.5	.35x.15	11.5	200	\$2.00	\$5.00	\$7.50	\$50.00
SPE-41-12-12.5	.41x.12	12.5	200	\$2.00	\$5.00	\$7.50	\$50.00
SPE-30-10-12.5	.30x.10	12.5	30	\$2.00	\$5.00	\$7.50	\$50.00
SFE-15	.32-.10	15	50	\$2.00	\$5.00	\$7.50	\$50.00
SFE-16	.30-.12	16	50	\$2.00	\$5.00	\$7.50	\$50.00
SPE-18	.57x.20	18	200	\$2.00	\$5.00	\$7.50	\$50.00
SPE-50-17-23	.50x.17	23	80	\$2.00	\$5.00	\$7.50	\$50.00
SPE-75-19-23	.75x.19	23	200	\$2.00	\$5.00	\$7.50	\$50.00
SFE-25	.75x.21	25	200	\$2.00	\$5.00	\$7.50	\$50.00
SPE-27	.30x.10	27	30	\$2.00	\$5.00	\$7.50	\$50.00
SFE-30	.89x.29	30	800	\$2.00	\$5.00	\$7.50	\$50.00
SPE-30	.50-.25	30	150	\$2.00	\$5.00	\$7.50	\$50.00
SFE-33	.30-.10	33	30	\$2.00	\$5.00	\$7.50	\$50.00
SFE-34	1.00x.29	34	800	\$2.00	\$5.00	\$7.50	\$50.00
SFE-36	.88x.22	36	300	\$2.00	\$5.00	\$7.50	\$50.00
SPE-39	.75x.21	39	300	\$2.00	\$5.00	\$7.50	\$50.00
SPE-44	.75x.21	44	300	\$2.00	\$5.00	\$7.50	\$50.00
SFE-45	.50x.13	45	80	\$2.00	\$5.00	\$7.50	\$50.00
SFE-50	.25-.10	50	30	\$2.00	\$5.00	\$7.50	\$50.00
SFE-52	.25-.10	52	30	\$2.00	\$5.00	\$7.50	\$50.00
SPE-58	.50x.13	58	80	\$2.00	\$5.00	\$7.50	\$50.00
SPE-60	.38-.15	60	50	\$2.00	\$5.00	\$7.50	\$50.00
SPE-62	.30-.20	62	50	\$2.00	\$5.00	\$7.50	\$50.00
SPE-75	.50x.15	75	30	\$2.00	\$5.00	\$7.50	\$50.00
SPE-77	.50x.15	77	30	\$2.00	\$5.00	\$7.50	\$50.00
SFE-77	.50-.20	77	300				

Sockets & Plate Caps

Tube Sockets and Plate Caps. Imported. New.



4 pin Ceramic for 300B/2A3/811, 2 hole mount. #GZC4-1, Unused, \$2.95

4 pin Ceramic for 805/845/211, 2 hole mount. #GZC4-3B, Unused, \$6.95



5 pin Ceramic for 807, 2 hole mount. #GZC5-1, Unused, \$1.55

6 pin Ceramic 2 hole mount. #GZC6-1, Unused, \$1.75

7 pin ceramic for 813 tube 4 hole mt, #GZC7-A, \$4.95

7 pin Septar Ceramic square, #GZC7-C, \$3.95

Octal Ceramic 2 hole mt. #GZC8-1, Unused, \$1.20

Octal Ceramic PC mount. #GZC8-Y, Unused, \$1.20

9 pin mini Ceramic 2 hole mt. #GZC9-F, Unused, \$1.10

9 pin mini Ceramic 2 hole mount w/ collar for shield. #GZC9-F-B, Unused, \$1.20

9 pin mini Bakelite 2 hole mount w/ collar for shield. #PCP9-1, Unused, \$1.05

Ceramic Plate Cap for 1/4" diameter, #MCV, Unused, \$1.19 each; 5 for \$5.00

Ceramic Plate Cap for 5/16" diameter, #MCX, Unused, \$1.39 each; 5 for \$5.75

Ceramic Plate Cap for 3/8" diameter, #MCZ, Unused, \$1.59 each; 5 for \$6.50

Ceramic Plate Cap for 1/2" diameter, #MCD, Unused, \$1.99 each; 5 for \$7.50

Tube Sale !!!

201A Used Antique Globe, Used, \$19.75

01A ST shape, Used, \$17.95

5755 Raytheon, Unused, \$2.95; 10 for \$25.00; 100 for \$195.00

6922 ECG, Unused, \$6.95; 10 for \$59.50

7308 Ampere, Unused, \$14.00

4D32 Raytheon, Unused, (Was \$28.00 each)

Now \$17.50 each; 10 for \$165.00; 32 for \$480.00

811A Made in China, Unused, \$15.00

811A Cetron, Unused, (Was \$35.00) Now \$25.00

6336B Cetron, Unused, \$45.00

5998 Sylvania, Unused, \$16.00

2K25 Raytheon, Unused, \$36.00

Line Conditioners



ONEAC power conditioners combine an isolation transformer with power conditioning to protect your equipment. Various power connections are available. Made by ONEAC.

Input 120 VAC 16 amps 50/60 hz. Output 120 VAC 16 amps. 9.5x8x15, 60 lbs sh. #CS1120, \$125.00

Input 120 VAC 16 amps 60 hz. Output 120 VAC 16 amps. 15.3x9.5x8, 60 lbs sh., #CB1120, \$115.00

Input 208 VAC 16 amps 50/60 hz. Output 240/120 VAC 16 amps. Load regulation 2%. 18.3x10.5x10.5, 100 lbs sh. #CC2333, \$165.00

Input 208 VAC 12.6 amps. Output 240/120 VCT 10.4 amp. 18.3x10.5x10.5, 95 lbs sh. #CB2328, \$125.00

Input 120 VAC 12 amps. Output 120VAC 12 amps 50/60 hz. 15.3x8.5x5, 45 lbs sh. #CS1115, \$115.00

C-2299 Control



C-2299 VRC radio control box for VRC-12 (RT-246 or RT-524) radio system, #C-2299, Unused, \$50.00

Mast Kit Sale !!!



Comes with eight 1.8" diameter sturdy fiber-glass mast sections, two high quality plastic guy rings, 300 feet of rope (cut according to your need), three guy stakes, insulator, and weather proof bag. 55 lbs sh.

#ANT-KIT-29-U, Used, \$139.50

#ANT-KIT-29-UN, Unused, \$179.50

12 foot Military Mast Kit. Comes with:

three 47" long x 1

3/8" diameter fiber-glass mast sections,

one 8" top mast section which holds two horizontal

aerial antennas and also has 16 feet of RG-58 coax with

a male BNC connection at the end, two 28" antenna elements

that thread to the top section, one guy ring with

guy rope, three 9" stainless steel stakes, one 27" long mast base which mounts directly into the

ground, and O.D. green carrying bag with handle.

There is no indication of a model number on the assembly. Excellent for field day or other portable

antenna use. 12 lbs sh. Unused, #MK-12, SPECIAL

PRICE thru March 2006!! \$44.50 each

As above except with Ground Plane Antenna.

#GPA-MK-12, Used, \$39.50

Mast Section only, #MS-MK-12, Used, \$10.00

Cable Tool



CableTool Multifunction Cable Meter. Measure Cable length up to 2500 feet in a box, on a spool or in a wall from just one end! Identify and find the distance to an open or short in seconds. Transmit tone signals for tracing hidden cable runs. Measure voltage (up to 250 volts) to identify live circuits. Extensive built-in library of cable types. Compatible with all common cables. Displays length in feet or meters. #CT-50, New, \$279.00

Heat Gun & Shrink

1200 watt NTE Heat Gun, Electronic variable temperature control dial with temperatures ranging from 250F - 1100F / 120C - 590C. Two speed motor. Heat guard. High quality heat element and solid state construction. Also strips paint and varnish. Thawing and drying. Shrinking and softening. #HG-001VT, New, \$41.99



4 Foot NTE Heat Shrink Tubing. Shrink Temperature: 120C. Shrink Ratio - 2:1. Example - 1/16" shrinks to 1/32". Comes in four colors: Black - "BK"; Clear - "CL"; Blue - "BL"; Red - "R". New.

1/16", #47-20148-(Specify Color), \$0.87
1/8", #47-20348-(Specify Color), \$0.91
1/4", #47-20548-(Specify Color), \$1.30
3/8", #47-20748-(Specify Color), \$1.56
1/2", #47-20848-(Specify Color), \$2.02
3/4", #47-20948-(Specify Color), \$2.16
1", #47-21048-(Specify Color), \$3.71

Morse Code Training CD



Morse Code Trainer CODE QUICK - THE FASTEST WAY TO LEARN MORSE CODE! AUDIO CD BUNDLE. Our technician here at Fair Radio, Gary Clements, insisted we carry this product. He said, "After only 2 weeks with this CD bundle I have passed my Element 1 Test and I am receiving code at over 6 WPM. This is an incredible technique that I highly recommend!" Six audio cd package with 60 page textbook and humorous cartoon cards bundled together with Code Quick 2000 Software for Windows 95/98/ME or NT/2000/XP. 2 lbs sh. #CODE-CD, New, \$68.00

As above except cassette tape bundle. #CODE-TP, New, \$63.95

GRC-193 Mounts & Amp

MT-6378 / GRC-193 Mount for CU-2064 Antenna Tuner. This mount has the base for the antenna.

#MT-6378, Unused but has not been in packaging for some time. \$150.00



MT-6233 / GRC193 mount for AM-65445, CU-2064, AM-6879. #MT-6233, Unused, \$250.00

AM-6879 Amplifier Converter. 6.1x10.5x6.7, 16 lbs sh. #AM-6879, Used good condition not tested, \$500.00



BC-746 Tuning Units



BC-746 Tuning Units for the POGO Stick radio BC-745 / SCR-511 radio. We have the following:

Channel 2, 3825kc no crystal #746-2-NC, \$10
Channel 4, 4845kc unused w/ crystal #746-4-WC, \$20
Channel 9, 3655kc used w/ crystal #746-9-WC, \$16
Channel 11, 4780kc no crystal #746-11-NC, \$10
Channel 12, 5030kc no crystal #746-12-NC, \$10
Channel 13, 5700kc no crystal #746-13-NC, \$10

PRC-127 Battery Charger

Ni-Cd Battery Charger for the PRC-127 radio. Once the charging function is complete, the unit will automatically switch to a trickle rate to maintain the charge without overheating the battery pack. Has indicator lights for charge in progress and fully charged. Input power 15W. Slow charge rate 60 mA - 140 mA. Fast charge rate 700 mA - 1100 mA. Requires 115/230VAC 50/60Hz. 6.8x3.3x3.4, 6 lbs sh. #CHARG-127, Used, \$29.50



Thermometer



In/Out Thermometer, Memory for min/max values. Wall-mounted or freestanding device. Simultaneously display in/out. Alert/set button to enter a preset value for in/out temperature. Readout in C or F. Weatherproof sensor probe for outdoor temperature. Temperature range indoor: -10C to +50C (+14F to +122F); outdoor: -50C to +70C (-58F to +158F) Digit height: 0.5". Display size: 1.18" x 1.57". Unit size: 4.3" x 2.75" x 0.78". Requires one AAA battery (included). #TA20, New, \$9.95

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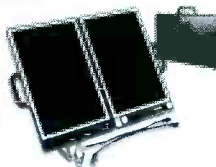
Solar Cells



Solar Cells with Trickle Charger
Power: 1.5W maximum.
Voltage output: 12V ($\pm 20\%$).
Nominal voltage: 14.5V.
Current: 125mA. Built-in protection to prevent current reversal. Included accessories:

Lead wire with cigarette lighter plug, Lead (3m) with 2 battery clamps, and 4 suction cups (for mounting. 13.4" x 4.7" x 0.6", 3 lbs sh. #SOL5N, \$29.95

Compact Solar Generator in briefcase design. Power: 13 Watt maximum. Voltage: 14V. Current: 750mA. With adjustable support. Applications: notebook computer, GPS system, electric hand tools, DC refrigerator, etc... Has blinking charging indicator. With detachable connectors. 20.1" x 14.7" x 1.6", Drop shipped from Texas. 13 lbs sh. #SOL8, Regular Price, \$187.00; Our Price, \$134.94



DC Voltage Controller for #SOL8 and #SOL5N. Provides low voltage, overload protection to solar panel and storage battery. Used for lighting, camera, recorder, etc... Output DC voltage: 13.0V $\pm 10\%$. Output DC current: 4A max. Input voltage (battery): 13.5V $\pm 10\%$. Over-discharge protection voltage: $\leq 10.5V$. Overcharge protection voltage: $\geq 15V$. Solar panel: working current: $\leq 5A$, open voltage: 21 ~ 24V. Suggested type of rechargeable battery: 12V / 10 ~ 40Ah sealed lead acid battery. Working temperature: +14F ~ +107F, humidity: $\leq 80\%$. 4.7x3.1x 0.9, #SOL4UCN2, \$29.95

Encapsulated Solar Cell 0.5 volt at 800mA, 2.6" x 3.7" x 0.2", #SOL2, \$7.99 each; 6 to 23 pieces \$7.49 each; 24 & up \$6.36 each

Similar to above except 2 volts at 200mA, 3.0" x 3.7" x 0.2", #SOL4, \$7.99 each; 6 to 11 pieces \$7.49 each; 12 & up \$6.78 each



Metal Detectors

Metal Detector with Audio Discriminator. Hunt for coins, relics, jewelry, gold and silver just about anywhere. 3-tone audio discriminator. Headphones output. VU-meter. Waterproof search head (8" \varnothing).

Adjustable stem. Requires three 9V-battery (not included). Drop shipped from Texas. #CS150, List Price, \$127.00; Our Price, \$96.94

Metal Detector with LCD Display. 7.9" waterproof search head. Large LCD display. Target ID. Depth readout. Sensitivity control. Variable discrimination. Variable notch. 3-tone audio discrimination. Low-battery indicator. 1/8" headphone jack. Requires two 9V-battery (not included). Drop shipped from Texas. #CS200, List Price, \$239.90; Our Price, \$167.94

BC-1000 Accessories

Dummy Antenna module. Used for adjusting and testing the BC-1000 transmitter output. Has a light indicator to show optimum setting. #A-28, Unused, \$10

ID tag for the BC-1000. New Reproduction, #ID-1000, \$20

Decal set for the BC-1000. New Repro, #DCL-1000, \$20

Impedance Matching Antenna Adapter. Adapts the BC-1000 to a coax cable. Used, #TM-217, \$7.50



Microwave Transmitter



AML-STX-141 Single Channel Microwave Transmitter 12.7 to 13.25 Ghz operation, 5 Watt output. Manufactured by Hughes. A VHF input of 50 - 450 mhz

single sideband suppressed carrier is upconverted to the output frequency. This unit consists of a solid state source, Frequency Sources MS-800XEL-06 or equal, various waveguide bandpass filters and other components. Removed from service. W/ info. With interconnect cable and power supply, 20.3x19x10.2, 47 lbs sh., #AML-SXT-141, Used Reparable, \$200.00

Hughes AML Klystron Power Supply, Power input 95 - 130 VAC, Output -2200 VDC 130 ma and 6.3 vdc 1.3 amp current limited and adjustable.

Meter monitors output voltage or current. 16 x 19 x 5.25, 37 lbs sh. with info. Power supply only, #PS-141, \$50.00



Multimeters



3 1/2 digits LCD with a maximum reading of 1999. Full range protection and overload indication. Worldwide safety standard, high reliability. With data hold and large LCD display. DCV: 0-200m-2-20-200 $\pm 0.5\%$ -1KV $\pm 1.0\%$. ACV: 0-2-20-200V $\pm 0.8\%$ -700V $\pm 1.2\%$. DCA: 0-200m $\pm 1.2\%$ -20A $\pm 2.0\%$. ACA: 0-200m $\pm 2.0\%$ -20A $\pm 3.0\%$. Resistance: 0-200-2k-20k-200k-2M $\pm 0.8\%$ -20M $\pm 1.0\%$. Capacitance: 0-20n-200n-2u-20uF $\pm 2.5\%$ -200uF. Frequency: From 300Hz to 200KHz

$\pm 3\%$. Inductance: 0-2m-20m-200m-2H-20H $\pm 2.5\%$. Temperature: C: -40C - 1000C; F: -0F - 1832F. Transistor and Diode test. Audible continuity: $< 90\Omega$. Requires 9V battery. Comes with test leads, bag, and battery. 7.5" x 3.5" x 1.7", 3 lbs sh. #VC9805A, List Price, \$149.95; Our Price, \$69.95

3 1/2 digits LCD display to 1999. High accuracy. Input overload protection. Low battery indication. In-line push buttons allow one hand operation. Capacitance: 0-2n-20n-200n-2u-20u-200u-1000uF. Capacitance accuracy 23C $\pm 2C$: $< 0.5uF \pm 1.0\%$, $> 0.5uF \pm 2.0\%$. C Temperature coefficient: $< 0.5uF \pm 0.1\%/C$, $> 0.5uF \pm 0.2\%/C$. Inductance: 0-2m-20m-200m-2H-20H. Inductance accuracy 23C $\pm 2C$: $< 0.5uH \pm 2.0\%$, $> 0.5uH \pm 5.0\%$. L Temperature coefficient: $< 0.5H \pm 0.2\%/C$, $> 0.5H \pm 0.5\%/C$. Zero Error: C: $< 5pF$, L: $> 10uH$. 7.5" x 3.5" x 1.7", 3 lbs sh. #VC6243, List Price, \$89.00; Our Price, \$69.50



Selective Level Meter



Rycom 6041 Selective Level Meter / VLF Receiver makes measurements of both level and frequency on frequency division multiplex (FDM) equipment baseband signals. Although its primary application was intended to be on high-density long-haul microwave systems, the 6041 SLM may be employed on any communications equipment requiring selective/wide band level or frequency measurements. Frequency range for Wide Band Level Meter and Frequency Counter: 50 and 75 ohm - 300Hz to 3.5MHz; 124, 135, 150 ohm - 4KHz to 2.0MHz; 600 ohm - 300Hz to 100KHz. Requires 115VAC 60Hz or Battery. Battery holds a charge for the short term but is sold As-Is. 10.1x12.2x8, 24 lbs sh. #RYCOM-6041, Used Operational, \$595.00

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Power Supplies



Power Supply 13.8 Volts 3 Amps (5A peak). Current-limiting. Fuse-protected. Metal housing. 100mV ripple voltage. 4 5/16" x 5" x 2 3/4", 6 lbs sh. #PS1303U, \$32.95

Lab Power Supply 0-30VDC / 0-3A. Has LCD display for voltage and current. Fine adjustment of voltage and current. Current-limiting. Fuse-protected. Output connectors: IEC1010. 1mv ripple voltage. Drop shipped from Texas. 5.12" x 8.47" x 5.91" 14 lbs sh. #PS3003U, List Price, \$169.00; Our Price, \$123.94



Lab Power Supply 0-15VDC / 0-3A. LCD display with backlight for voltage and current. Adjustment of voltage and current. Fuse-protected. Output connectors: IEC1010. 1mv ripple voltage. 8 7/16" x 6 3/64" x 3 3/4" 10 lbs sh. #PS1503SBU, \$79.95

Dual Output Lab Power Supply 2 x 0-30V / 2 x 0-3A. Analog meters for voltage and current. Current-limiting. Fuse-protected. Output connectors: IEC1010. 1mv ripple voltage. 5ma ripple current. Drop shipped from Texas. 13" x 7.88" x 6.11", 24 lbs sh. #PS23003AU, List Price, \$199.98; Our Price, \$142.94



3-in-1 Lab Unit



3-in-1 Lab Unit, Multimeter, Power supply, and Soldering Iron.

DIGITAL MULTIMETER - 3 1/2 backlit LCD, Automatic polarity indication, DC voltage: 200mV to 600V in 5 steps, AC voltage: 200V and 600V, DC current: 200µA to 10A in 5 steps, Resistance: 200 ohm to 2Mohm, Diode, Transistor and Continuity Test, Data-hold function and buzzer.
REGULATED POWER SUPPLY - Selectable output voltages: 3 - 4.5 - 6 - 7.5 - 9 - 12Vdc, Output current: 1.5A (2A peak), LED overload indication, Output on/off switch, Very low ripple, LED power indication.
SOLDERING STATION - Low-voltage iron: 24V, Ceramic 48W heating element with temperature sensor, Temperature range: OFF - 150 - 450C, Lead-free soldering possible, Supplied w/ sponge and spare bit. Great space saver! Drop shipped from Texas. #LAB1U, List Price, \$183.60; Our Price, \$132.94

50 watt Solder Station

Soldering Station with LCD & Ceramic Heater 48W 150 - 450C, Manual temperature setting. LCD display with digital temperature scale. Temperature preset on LCD display. With on/off switch. Ceramic heating element with temperature sensor. Standard tip included. Maximum heater power for soldering iron is 48W. Temperature range: 302 - 842F. Low-voltage iron: 24VAC. 7.3" x 4" x 6.7", #VTSSC40NU, \$79.95 Spare Bit for above: #VTSSC40N/SPB, \$1.60



Soldering Station 50 watt 374-896F, Manual temperature setting, Electronic temperature control, Power-on LED indication, With ground output, Heater power for soldering iron is 50 watt. Requires 115VAC 60Hz. 7 1/4" x 3 31/32" x 3 1/2", 4 lbs sh. #VTSS5U, \$19.95; Spare bit, #BITS5, \$1.30

Power Amp Kit Sale !!

Kits require insertion and soldering of components!



STEREO TUBE AMPLIFIER / CHROME VERSION, For most of us a high power tube amplifier is unaffordable. This kit changes that, so that everyone can enjoy that sublime "tube sound".

The sound of tubes has never been surpassed. In the course of developing this amplifier, special attention was given to the housing so the tubes are on display in a way that is very pleasing to the eye. Ultra-linear and over-rated output transformers (toroidal) are used to guarantee a rich bass response. To extend the life of the tubes, the amplifier is provided with a power on delay, so that the high voltage is switched on after the tubes have warmed up. Output power: 2 x 90Wrms music power for loads of 4 or 8 ohm. Power bandwidth: 15Hz - 40kHz (-3dB ref. 50W). Frequency range: 8Hz - 80kHz (-3dB ref. 1W). Harmonic distortion: 0.08% (1kHz / 1W) / 0.7% (1kHz / 90W). Signal-to-noise ratio: > 105dB (A-weighted ref. 90W). Channel separation: >75dB, input impedance: 34Kohm. Input sensitivity: 1Vrms at 95W. Damping factor: >10 (100Hz). 37.5 lbs sh. 16.7x5.1x13.8. See fairadio.com/K4040.htm or call for information. Drop shipped from Texas. #K4040, List Price, \$2100.00; Our Price, \$1299.94

Mono Pure Class A Tube Audio Power Amplifier. Output power is 65Wrms class A in 4 or 8ohm. Plenty of power, deep bass and low distortion, and very affordable. An attractive chrome plated enclosure has been designed, to match this state-of-the-art design. It comes complete with chrome plated tube base cover rings and heavy duty cabinet feet. Gold plated heavy duty speaker and RCA connectors. Easy bias adjustment with LED readout. Standby mode stretches tube life. Soft start circuit prevents line fuse tripping at power-up. No-compromise quality components. Custom made oversized toroid output and power transformers. One single PCB ensures hassle free assembly and wiring. Removable cabinet bottom for easy servicing. Has four KT88, one ECC81, one ECC82 tubes. Bandwidth: 8Hz to 80kHz (-3dB/1W). Harmonic distortion: 0.1% at 1W/1kHz. Signal/noise ratio: >110dB (A-weighted). Input sensitivity: 1V rms minimum (adjustable). Supply voltage: 100, 120, 230 or 245V AC. Max. power consumption: 300VA. 14.2x 14.2x6.3. See fairadio.com/K8010.htm or call for information. Drop shipped from Texas. #K8010, List Price, \$1499.90; Our Price, \$954.94



Mono Tube Power Amplifier Module. Output power is 90Wrms at 4 or 8ohm. Upgrade your guitar amp, jukebox or construct your own audio system with this

superb tube amplifier module. Plenty of power, very low distortion, excellent bass response, this amp will satisfy even the most critical listener. It comes complete with PCB, toroidal custom made power and output transformers, all necessary tubes and an extensive manual. 4 quality EL34 tubes in push-pull combination. Also has one ECC81 and one ECC82. Easy bias adjustment with LED readout. Standby mode stretches tube life. Soft start circuit prevents line fuse tripping at power-up. No-compromise quality components. One single PCB ensures hassle free assembly and wiring. Bandwidth: 2Hz to 125kHz (-3dB/1W). Harmonic distortion: 0.1% at 1W/1kHz. Signal/noise ratio: 104dB (A-weighted). Input sensitivity: 1Vrms minimum (adjustable). 60 watt standby power consumption. 230 watt max power consumption. Assembled module dimensions: 12.6x13.6x5.0. See fairadio.com/K8011.htm or call for information. Drop shipped from Texas. #K8011, List Price, \$799.90; Our Price, \$517.94



GO IS JUST A PRAYER AWAY

Fair Radio buys your excess material. We may be interested in some items in low quantities, but prefer higher quantities for our catalog sales.

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FOR ORDERING INFORMATION SEE PAGES 19

R-390A Parts & Assy

Maintenance Manual Reproduction for R-390A, \$20.00
Operators Manual Reproduction for R-390A, \$10.00



VFO from R-390A HF receiver with 5749 tube; various mfg (no choice). 4x3x7.5, 4 lbs, used dented less connectors & coupler "as-is", #VFO/R390A, \$22.50

455KHz Beat Frequency Oscillator for famous HF Receiver R-390A. UNUSED CONDITION! 3.3x1.5, 2 lbs sh. #390A-BFO, \$27.50



I.F. DECK for R-390A IF transformers, Z501 and 455KHz crystal, and tubes. Less all four 455KHz mechanical filters, BFO, Carrier pot. RT510 ballast and tube shields; 4 lbs. #IF/390A, "as-is" \$45.

Replacement assemblies & parts for the R-390A:

AC Terminal Protector cover, #390A-ACP,	\$5.00
CRYSTAL OSCILLATOR (no crystals) #390A-CO,	\$20
CRYSTAL, BAND, #390A-(crystal freq.)-CR, \$10 ea	5/\$35
DIAL, COUNTER, #390A-DC,	\$18.00
GEARS, #39, #390A-G-39; or #21, #390A-G-21, \$10	
GEARS others less clamp, #390A-G-(specify#),	\$3
GEAR CLAMPS, 1/4" only, #390A-GC,	\$3.
HANDLES per pair, #390A-HAND,	\$15.00
KNOBS, small size, #390A-SM,	\$5.00
KNOBS, medium size, #390A-MED,	\$5.00
POWER SUPPLY without tubes, #390A-PS,	\$25.00
TRANSFORMER, RF, #390A-RF- (specify #)	\$9.50
TRANSFORMER, IF, #390A-IF- (specify #)	\$9.50
SLUGS, IF Variable, #390A-SL-IF,	\$4.00



Test Connectors to make test extender cables for R-390A receiver. You receive the 5 male/female connector pairs with covers to make the following extender cables along with instructions from manual: P110-J410(Crystal Osc), P111-J811/P119-J619 (Power supply/Audio), P120-J620(Audio), P112-J512(IF Amplifier), P108-J208/P109-J709(RF Amplifier/VFO). #390A-CON, \$59.95

R-390A Fuses, New,

0.1 amp (good replacement for 1/8 amp), #6FF0.1N, 5 for 2.50, 10 for \$3.95
0.25 amp, #6FF0.25N, 5 for 2.50, 10 for \$3.95
3.15 amp (good replacement for 1/8 amp), #6FF3.15N, 10 for \$2.50

COVERS FOR R-390A

Hard to find aluminum replacement top and bottom covers for R-390A series. Very close to original. Newly manufactured, #390-TB, \$69.95
RF Cover, Newly manufactured, #390-RF, \$19.95
Set: top, bottom, & RF; newly mfg, #390-S, \$85.95

NAME TAGS FOR R-390A

Reproduction Name Tags for R-390A radios. Multiple mfg available. New, \$21.99 each



Motorola Large Print, 3"Wx7/8"H, #TML390
Motorola Small Print, 3"Wx7/8"H, #TMS390
Collins, 2.5"Wx1"H, #TCS390
Electronic Assistance Corp., 2.5"Wx1"H, #TE390
Stewart-Warner, 2.5"Wx1"H, #TS390

R-390A Connectors:

Twin-Ax male, Amphenol, New, #82-5589-RFX, \$9.95; 3 / \$25.00
Mini-BNC p/o R-390A, #390A-MBNC, used, \$2.50
As above but chassis, #390A-MBNC-CH, used, \$2.50



Hard to find R-390A balanced input adapter. Goes from Twin-ax male to a UHF female. Unused, #UG-970, \$27

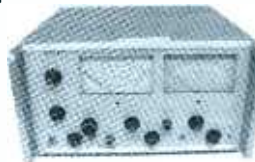
ILS Receiver



FA-8766 PORTABLE ILS TEST RECEIVER, covers 108.1 to 111.9 (5uv sens) and 329.3 to 335.0 (25 uv) Mhz with separate crystal controlled front ends feeding a common 60 mhz IF through a combiner and then converted to a 3 Mhz second IF. The RF and IF sections are in cast metal shielded assemblies. The solid state receiver has audio and AGC detectors. The audio circuits have 90 and 150 hz bandpass filters, the audio is rectified and the output used to drive the DC meters. This unit is a good basis for modification and experimentation. Power input 120 vac or 18 vdc. Receiver has nicad battery/charger circuit. No warranty as to serviceability of battery. See our web page for more pictures. 10.1x9.5x12, 23 lbs sh. Crystals not included. With schematic/info. #FA-8766, Used \$39.50; 4 for \$100.00

RFI Receivers

Singer model #NM-17/27 is a programmable, precision electromagnetic interference/field intensity meter for the measurement of conducted or radiated RF interference, within the frequency range of 10KHz to 32 MHz. May be used as a VLF unit. The instrument may be used to analyze narrowband or broadband signals within its frequency range. Field intensity or direct peak detector functions may be used for measurements in addition to quasi-peak, slideback peak and BFO detection modes. AM, FM and PM signals may be detected and are available at the video output receptacle for oscilloscope display. Requires 115/230V at 50 to 400Hz. 18.5x16.7x8.7, 55 lbs sh. #NM-17/27, Used reparable with manual repro, \$695



#NM-17/37 same as above except 20MHz-1GHz, \$995

#NM-26T Stoddart type, EMI Rcvr, 150KHz-32MHz, \$595

FAIRCHILD ELECTRO-METRICS R-70B RFI RECEIVER uses 9 tuning heads covering 0.1 to 1100 MHz; with two cases and manual, #R-70B, \$1000.00

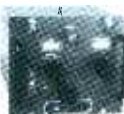
100 to 225 MHz Amp



AM-912/GRC AMPLIFIER-MULTIPLIER plug-in for T-302/TRC transmitter; covers 100-225 MHz FM @ 100+ watts using 4X150A tube. Controls Grid & Plate Tune and Amp

Output Coupling. Requires +750 V, 200-350 V screen, and 6.3 V filaments; with schematic. 12x6x14, 24 lbs. #AM-912, used, \$69.50
#AM-915, 225-400 MHz; 4X150A, 4X150G. \$85.00

AM-914/TRC AMPLIFIER-CONVERTER, plug-in for R-417 receiver in 225-400 MHz range. Continuous tuning of RF and oscillator; 30 MHz IF. Modify and use as down-converter! With tubes 5670, 4/6J4. Requires 150 VDC & 6.3 V. 7.5x6.5x9.5; 15 lbs sh. #AM-914, USED, \$35.00
#AM-1179/GRC, 50 to 100 MHz, used, \$39.50
#AM-1177/TRC, 400 to 600 MHz, used, \$44.50
#AM-3203A/TRC, 1.35 to 1.9875 GHz, used, \$49.50



COLLINS 208U-3A



208U-3A POWER AMP automatically tunable over 2 to 30 Mhz SSB-AM-CW @ 3 KW PEP for use with URG-2 radios. Uses 4CX5000 PA tube; tune time 6 sec nominal, 10 sec max. With modules 333H-2 Electronic Control Amp, 309F-1 Digital to Analog Converter, 915V-2 Amp Control, 652J-13 Power Supply, 599Z-1 Test Panel and 915X-1 Control Monitor. Includes manual copies for all components except 915X-1 & 599Z-1.

72.5x32.6x31; 1200 lbs shipping.
#208U-3A, Used not tested less 4CX5000, \$3200.
#208U-3, Used not tested less 4CX3000, \$3250.

HF-80 KW Power Amp

ROCKWELL HF-8023 POWER AMPLIFIER, solid-state 1 KW (avg) amp utilizes one driver plus four 250 W power modules to achieve rated output; VSWR: 1.3:1. Designed for use with HF-8014A exciter and power supplies HF-8031 or 8032. Cables & manuals not available. HF-8023 (622-3490-207): 10.5x19 x25, 62 lbs sh. #HF-8023, USED, not tested, \$2950.00



HF-8064 4-CHANNEL HF PRESELECTION, AUTO-TUNED BANDPASS filter for HF-8054 receiver & HF-8014. Provides front-

end selectivity & overload protection for Rx; improves cross-modulation & out-of-band intermod. Power: 100/115/215/230 V 47-63 Hz. 5.3x19x24, 32 lbs shipping. #622-3522-203, used, \$595.00

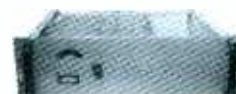
Harris Preselector

RF-551A PRE-POST SELECTOR highly selective bandpass filter for 2-29.999 Mhz range functions as preselector for enhancing receiver signal reception or as post selector for reducing exciter output noise when used with 6 db pad (not supplied). 5-decade freq-control knobs & Hi-Lo Gain switch; N conn. Req. 115/230 VAC 47-420 Hz; 5.3x19x20, 36 lbs sh. #RF-551A, Used-nice, \$350.00
Manual, partial repro, #MM-RF-551A, \$20.00



UHF Preselector

F-1506/G UHF Tunable Band Pass Filter / Preselector covering 225-400 MHz dial tuned. Consists of Lark Engr. FX4000-089 filter with N conn in rackmount package. 5x19x18, 25 lbs sh. #F-1506, Used, \$75.00



VISIT OUR WEBSITE AT FAIRRADIO.COM

602-999 MHz Amp



AM-1957 AMPLIFIER-OSCILLATOR, 601.5 to 999.5 MHz plug-in for T-893/GRC-50 transmitter. Utilizes three 7289 tubes as 651-1049.5 MHz oscillator, -50 MHz mixer and 15 watt power amp. Directional coupler detects Reflected Power and provides

monitor output for external meter circuit. RF passes through duplexer having identical receive/transmit sections each with two cavities. (Receive signal routed to separate AM-1955 receiver module.) Transmit RF then moves to second directional coupler which detects Reflected Power also with output for external meter. Wavemeter samples output RF for frequency measurement using calibration chart. Cathode current of each 7289 regulated by external 250 VDC, 650 VDC, 800 VDC, 5.7 VAC, 5.5 VAC. Schematic and info included. 8.9x11x16, 36 lbs shipping. #AM-1957, Used, \$59.50

AM-1955A/GRC AMPLIFIER CONVERTER used with R-1148A/GRC-50 receiver for 600-1000 MHz band; 60 MHz IF. Uses 4037A/2C40A tube as oscillator; also 5654, 2/5842. W/ wavemeter & calibrate book. Requires 150 VDC, 6.3 V. 15x9.5x8, 30 lbs sh. #AM-1955A, \$25.00

AM-6154 Amplifier

AM-6154/GRT-21 Power Amplifier conservatively rated for 50 watt output from 10 watt exciter input over 116-150 MHz; uses Eimac X651Z/8930 or Amperex DX393



tetrode (no choice) in silver-plated cavity-drawer; 175-turn TUNE counter dial. Main chassis has solid-state power supply and buffer amp/multiplier; panel meter monitors voltages. Requires 105/120/210/240VAC 50-400Hz and +20 volt reg 60ma, +20 volt keyed; w/ schematic info. 7x19x18.5, 80 lbs sh. Used Repairable, #AM-6154, \$250.00



Power Amplifier Plug-in for AM-6155 amplifier which is conservatively rated for 50 watts. Plug-in includes valuable parts such as the main cavity, low pass filter, directional power detector, and tetrode tube Eimac

X651Z/8930 or Amperex DX393. 18.3x7x6.8, 13 lbs sh. #PA-6155, Used, \$135.00

Bias Supply from AM-6154 or AM-6155 amplifier. 7.1x5x4, 7 lbs sh. #BS-6155, Used, \$30.00

AC - AC Inverter from AM-6154 or AM-6155, 7.1x5x4, 7 lbs sh. #INV-6155, \$32.00

GRT-21/22 Transmitter

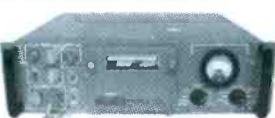
T-1109 Transmitter from AN/GRT-22 Radio Set.

Frequency coverage is 225-400 MHz AM in 3500 channels. The crystal controlled transmitter has 10 watts output.

Associated amplifier is the 50 watt output AM-6155 listed on page 4 of our catalog. Requires 120/240 VAC. 18x19x5.3, 50 lbs sh., #T-1109, Used, \$49.95

T-1108/GRT-21 Transmitter same as above except 116-150 MHz in 680 channels. Associated amp is AM-6154. #T-1108, Used, \$50.00

Schematic Pack f/ T-1108/T-1109, #SCH-T-1108, \$15.



RF Amp / Preselector



TN-612/G Prepost Selector, consists of RF preselector and broad-band power amp. Preselector operates in four bands 1.8-3.6, 3.6-7, 7-14, and 10-24 Mhz.

Microprocessor-controlled unit has no front panel controls except ON-OFF and indicators for OV DE, OVL, ATT, BITE, TUNE plus silver-plated coils and 3-gang variable capacitor. Frequency is selected by twelve Kilovac HC-1 vacuum relays and nine mini-coax relays along with motor interface adapters. Relays actuated by driver transistors. RF power amp uses four transistors S15-28, T9-0664 and two MRF-466 as output amplifiers. P/o GRC-215 HF-SSB; no further info. Requires 115/230 VAC 50-60 Hz; 4.5x19x17, 46 lbs sh. #TN-612, Unused, \$250.00

Broad Band Power Amplifier Assembly covering 1.6 - 24 Mhz



removed from the TN-612 pre-post selector. Uses S15-28, T9-0664 and 2/MRF-466 transistors. 24 VDC. No further info at this time. 2.3x17.3x4.5, 9 lbs sh. #AMP-612, \$69.50

Coils and Variable Capacitor removed from the TN-612 Preselector.

Two silver plated coil boxes each with six coils. The preselector was supposed to cover 2 to 30 mhz in 4 bands. 3 coils for each band. Each coil silver plated wire on epoxy from with ferrite slug is in its own compartment with a glass piston variable capacitor. 13.1x2.2x3.3, 7 lbs sh. #612-COILS, \$30.00



Three section fully shielded variable capacitor 35 - 300 pf per section. Each section is shielded from the others. The insulation material looks like ceramic. Very high quality. 10x2.7x3, 6 lbs sh. #612-CAP, \$25.

Both Coils and the Variable Capacitor as listed above. #612-KIT, \$45.00

T-195 Transmitter

T-195/GRC-19 TRANSMITTER

1.5-20 Mhz AM-CW-FSK in ten bands manual or auto tune. Power output 100 W (1.5-12), 90 W (12-16), 80 W (16-20 MHz). Uses two 4X150D tubes in power amp & 20 other tubes. Requires 22-30 VDC 42 amps input (9 amps "stand-by") for dynamotor supply. LESS METERS. With replacement knobs. Companion to R-392 receiver. 11.5x22x14.5, 135 lbs. #T-195, Used Repairable, \$225 MANUAL for T-195, partial repro, #MM-T-195, \$25.00 30" Power Connector, #CONN-T-195, \$14.00



MD-203 FSK Modulator



MD-203/GR Radio Transmitter Modulator for the T-195/GRC-19 Transmitter. The MD-203 is a link in a complete radio teletypewriter comm. system. The teletypewriter signals developed in Teletypewriter TT-98 are supplied through Junction Box J-668 to the MD-203. The MD-203 is connected to the

exciter section of the T-195 to produce shifts in the CW signal. Uses tubes 7/26A6, 1/26A7. Less knobs. 9.1x13.8x7.3, 26 lbs sh. #MD-203, \$25.

Collins 618T



COLLINS 618T-2 SSB AIRBORNE TRANSCEIVER, 2-29.999 Mhz SSB-AM-CW in 28000 channels. Power output: 400 watts SSB-PEP 125 W AM-CW; 52 ohm output impd. Sensitivity SSB: 1 uv

for 10 db S+N/N. Selectivity SSB: 2.85 KHz, 6 db down; 6.0 KHz 60 db. Audio input: 600 ohms. Uses two 4CX250's in P-A. Switch & meter monitor internal power. Separate control necessary for channel select. Racks & cables not available. Requires 115 V 400 Hz 3 phase 1 KVA & 1 phase 160 VA; also +27 VDC 4.5 amps. W/ manual repro; 7.6x10x22.2, 58 lbs. #618T-2, Used repairable with K9 osc, \$495.00

Like above but requires 28 VDC 35 A and 115 V 400 Hz 1 phase 100 VA. #618T-3, Used, \$600.00

618T power/control connector, no cover, #CONN-618T, \$40.00

MODULES FROM COLLINS 618T HF TRANSCEIVER, as removed from equipment--not tested:



AM AUDIO AMP has mech filter

F500 Y60 (526 9378); 2 lbs sh. #546-6053, \$40.00

IF TRANSLATOR has LSB-USB filters F500 Z4 (526 9377) & Z5 (526 9376), Mech. filter as used in PRC-47 to modify for LSB operation, #544-9286, \$85.00

KC- FREQUENCY STABILIZER, has mechanical filter F250 F100 (526 9410) and crystal filter X250KF440 (526 7006); 3 lbs. #618-KC-FRQ, \$35.

RF TRANSLATOR with K9 oscillator, 15 lbs. #618-RF-TR, \$200.00

618T RF Reference Osc. Module, includes 3 MHz crystal oven which is divided to 500 KHz output, amplified and then divided again to produce 100 KHz output. 4.3x6x2.7, 2 lbs #528-0251-005, used, \$20.00



COLLINS 490T-1A (CU-1669A) AUTOMATIC ANTENNA COUPLER for 618T and similar 2-30 MHz transceivers; rated RF input 630 W PEP, 200 W average. Matches 25 ft or longer

whip or 25-100 ft long-wire antenna to 50 ohm line. Terminal for wire and "C" coax connection. Has 5-500 pf 10 KV vacuum variable capacitor and variable step-coil. Requires 115 V 400 Hz; 7.6x 10.1x12.6, 24 lbs. #490T-1A, Used not tested, \$450.

Collins 618T URM-157 Test Set, Consists of TS-1949/URM-157 and cable which connects the TS-1949 to the 618T. The radio set control is part of the TS-1949. Has meter to indicate forward / reflected power 200/2000 watts. Also provides connections for microphone, headset, audio in, and key. Power input connector also provided. Connections for 516H-1, antenna coupler, DC in, AC out are on the test set (Webpage for available connectors/cables). 34 lb. #TS-1949-U, Used \$350; #TS-1949-UN, Unused \$795.00



TS-1949 only, less control box, 18 lbs #TS-1949-O \$125

ARN-30D VHF Receiver



R-1021/ARN-30D VHF RECEIVER covers 108 to 126.9 MHz AM in 100 KHz steps (190 channels); originally part of air navigation system. 1st IF 11.7-12.6 Mhz; 2nd 1.7 Mhz.

Electrically turned crystal turrets with frequency displayed on side panel. Adjustable squelch; 300 ohm audio out. 50 ohm input impedance; BNC connection. Tubes 5718, 5840, 5896, 4/5899, 5902, 6021, 6112. Requires 28 VDC 1.8 A and 260 VDC 85 ma. 5.5x11.4x4.6, 10 lbs. #R-1021, Used, \$24.95

CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

FAA Transmitter

UHF Transmitter FAA We do not know anything about these except that they are exceptionally well built. Please see the pictures on our web site. Has output transistor MRF325 and driver transistor MRF321. Federal stock #5825-00-140-2735. Model AN/GRN-27. Part #917800-1. Radio Navigation. Mfg by Texas Instruments. 5.9x14x4.5, 11 lbs sh. #FAA-UHF, Good physical condition Untested. \$35.00

VHF Transmitter similar to above except uses MRF316, Units are in good physical condition. #FAA-VHF, Untested. \$35.00

FAA Radios



TRX-103 UHF Solid State 3 channel, crystal controlled, AM Transceiver type FA-9606 covering the military aviation 225-400MHz band. Has built in speaker. 50KHz channel spacing. Transmitter output is 3 watt. Antenna impedance 50 ohms. Receiver IF is 21.4MHz. Requires 115VAC 60Hz or 24VDC. Crystals not included. Condition of internal battery AS-IS. 14.1X14.2X7.7, 43 lbs sh. Manual repro included. #TRX-103, Used Repairable, \$129.50

TRX-102 VHF AM Transceiver type FA-8979 is similar to above except covers 118-136MHz and requires 120VAC 60Hz or 12VDC. Crystals not included. Condition of internal battery AS-IS. 13.8x13.8x7.9, 38 lbs sh. Manual repro included. #FA-8979, Used Repairable, \$139.50

It is unlawful to operate on these frequencies unless you have a license to do so.

Aircraft Receiver

R-761/ARC-58 Receiver covers 2 to 29.999MHz, companion receiver and exciter to T-730. Req. 115 VAC 400 Hz input. 7.8x10.3 x23.5, 55 lb. #R-761, used, \$135.00 SCHEMATIC, #SCH-R-761, \$10.00 Control for freq-select; 6 lbs. #C-3141, USED, \$20.



MODULES from AN/ARC-58 or TRC-75 radio sets. Each 4.8x4.5 x1.5, 2 lbs sh. USED-not tested: AMPLIFIER DETECTOR, 4x 5899 tubes; p/o R-761, #AM-1523, \$17.50

ELECTRONIC CONTROL AMPLIFIER p/o T605/T-730 xmitter, #AM-1525, \$15.00

Similar to AM-1523, #AM-1526, \$17.50

AMPLIFIER-MIXER for R-761 with ten tubes and slug rack, #AM-1528, \$35; Schematic, #SCH-AM-1528, \$3

AMPLIFIER OSCILLATOR with Collins mechanical filter P455 Z1, #AM-1529, \$28.00

MIXER OSCILLATOR, for R-761; oscillators master 70H13A, interpolation, spectrum generator Mech filters F455 Q2 & Q3. #CV-465A \$55.00 Schematic for CV-465B, #SCH-CV-465A, \$10.00

BALANCED MODULATOR with mechanical filters F300 Z4 and F300 Z5, etc. #MD-286A \$35.

REFERENCE GENERATOR, #SG-179A/URC, \$35.00

ARC-51BX UHF Tx-Rx

RT-742/ARC-51BX UHF Aircraft Transceiver, 225-399.99 MHz AM in 3500 available channels, 50 KHz spacing; also has guard channel. Output 16 watts min. RF impedance 52 ohm input & output. Audio and mic impedance 150 ohms. Doesn't include ID-1003 SWR indicator; separate control box necessary for function & freq-selection. W/ tubes 4/ 7077 and 4/ 7544; requires 27 VDC 13 amps. 7x9.5x15.1; 35 lbs. #RT-742, Used, \$150.00



ARC-105 HF Radio



RT-712/ARC-105 HF TRANSCEIVER, pressurized 618T2; modules interchangeable. Covers 2 to 29.999 MHz SSB-AM-CW in 28000 channels. Front has hour meter, C and BNC connections. Separate control needed for freq-selection. Connectors not available;

Requires 115VAC 400Hz 3 Phase. 10.5x 11.5x23, 70 lbs. #RT-712, Used, \$299.00

500 KHZ IF AUDIO AMPLIFIER, IF and Audio Module from Collins transceiver. Four stage 500KHz IF amplifier w/6 khz collins filter, AGC Detector, Low level audio amplifier. Also has 3 transistor microphone amplifier as part of its function in the transceiver. Power req. IF amp 18 VDC, Mic amp 24 VDC. w/schematic, info, power connector. #105-AA, \$32.95

Precision RF Oscillator Module produces 500 KHz and 100 KHz reference signals from a temperature compensated 3 Mhz crystal oscillator. Requirements were 3 Mhz +/- 2 hz, 500 KHz +/- 0.4 hz, 100 KHz +/- 0.4 hz. Operates from 18 VDC. w/schematic, info, power connector. #105-OSC, \$29.95

IF TRANSLATOR MODULE FROM COLLINS ARC-105, pressurized version of 618T HF TRANSCEIVER, IF TRANSLATOR module has LSB-USB filters F500 Z4 (526 9377) & Z5 (526 9376). This unit provides the mechanical filter used in the conversion of the PRC-47 transceiver to allow LSB operation. Removed from equipment not tested. 4.3x2.9x4.7, 4 lbs sh. #105-IF, \$65.00



From ARC-105 115V 400Hz 3 Phase Power Supply Module produced 1500 VDC for 400 Watt PEP transceiver using 2/7204 tubes, and 250 VDC 70 ma. 10.3x4.3x4.8, 13 lbs sh. #105-PS400, \$25.00

HF Power Amplifier from ARC-105, 400 W PEP 125 W AM 2- 30 mhz in 8 bands. Module has two 7204 tubes and associated output tuning circuitry. Band selection is controlled by 28 vdc motor. The grid tuning circuitry is NOT part of this module. Output inductor is tuned with 115 v 400 Hz motor. Requirements 1500 VDC, 28 VDC, 27 VAC filament, 115V 400 Hz. #PA-105, \$125



Sonobuoy Receiver



R-962/ARR-52A VHF RECEIVER 162.5-173.5 MHz AM, FM and video using 31 crystal-controlled channels. Solid-state sonobuoy receiver consists of five plug-in modules; 26 MHz 1st IF, 5 MHz 2nd IF. Conversion possibilities for 2 meters, VHF weather, satellite TV, etc. (See Oct '74 CQ Mag.)

Requires external control and 18 VDC. 7.5x2.5x10, 9 lbs. #R-962, Used, \$16.95. SCHEMATIC, #SCH-R-962, \$6.00 w/ set. Manual repro for ARR-52, 52A, #MM-ARR-52, \$20.00

243 MHz Receiver

Transistorized Guard Receiver from modified RT-178/ARC-27 (5821-953-9695) UHF transceiver. One channel in 238 - 248 mhz range. IF's 25.1/3.48 Mhz. Has detector, noise limiter, AVC. 4/2N1745 transistors and 25.1 mhz filter. 8 x 4.5 x 4, 6 lbs sh. No Schematic. #ARC-27, used, \$20.00



ARC-60 Items



R-508 AIRCRAFT RECEIVER, 118 to 148 MHz AM continuously tunable, but does not have dial; tuned remotely using control box with MC-215 flex spline (not available). 15 MHz IF; binding post & BNC antenna connections on front. Tubes 12A6, 14A7, 14F7, 2/14R7, 9002, 3/9003. Same as R-19; p/o AN/ARC-60 & ARC-type 12. Requires 250 VDC 60 ma & 28 VDC. 6.5x5x11.8, 15lbs. #R-508, Used \$20.00

O-423/AR Oscillator-Relay provides 1KHz tone for "whistle-thru" tuning of ARC-60. 3.9x5x2, 3 lbs. #O-423, Unused, \$9.95



AT-701/ARC-60 UHF Antenna is a quarter-wave, base fed, inverted L-type design 6" vertical x 7" horizontal x 1/4" diameter, 2 lbs sh. #AT-701, Used, \$10.

ARC-109 Transceiver

RT-749/ARC-109 UHF AIRCRAFT TRANSCEIVER, solid-state Collins unit operates on 225-399.95 MHz AM, DSB and A3 phone @ 30 watt min. 3500 available channels in 50 KHz intervals plus 243 MHz guard channel. Uses 4631 tube in P-A; 150 ohm audio/ mic impedance. C-6364 control necessary for channel select; cables & racks not available. Replaced ARC-27-34-51-52. Requires 115 V 400 Hz 3 phase. 6.8x9x16, 29 lbs. #RT-749, Used repairable, \$350.00



SCHEMATICS 1/RT-749, repro, #SCH-RT-749, \$12.00 CONTROL, used, #C-6364, \$45.00 w/set purchase.

FM Transceiver



MAGNAVOX FM-622 (RT823/ ARC-131) Airborne Transceiver, covers 30-76 Mhz FM in 920 channels, 50 KHz steps. Output 1 watt in LO; 18 W max HI @ 29 VDC RT has Squelch Disable & Adjust, Test switch. Meter monitors +24 V+16 V-AGC-RF FWD-RF REFL-OFF. Control box provides channel select, Volume, Squelch, OFF-TR-RE-TRAN HOME switch. Has some modules common to RT-524/VRC-12. Requires 24-29 VDC 4 amp max. Rack & cables are N/A. 7.8x5.9x15.6, 31 lb #FM-622, Used w/control box, \$250.00

Collins VHF Tx-Rx Set

AN/ARC-73 AIRCRAFT RADIO SET designed by Collins; consists of T-879 (17L-7A) transmitter, R-1123A (51X2B) receiver, C-4074 (614U) control and MT-2699 rack. T-879 covers 116 to 149.95 MHz AM in 50 KHz steps (680 channels) with 25 watt output to 133.95 MHz and 20 W min. above. Sidetone level 100 MW into 500 ohms; mic impedance 100 ohms. R-1173A covers 108 to 151.95 MHz in 50 KHz steps (720 channels). Sensitivity 3 uv; audio output 500 ohms. Both have antenna input impedance of 52 ohms and require 27 VDC (7.3 amp max transmit) power. Both utilize tubes and transistors. C-4074 control sets frequency on mechanical counter and has Volume, Squelch, and On-Off functions. Mating connector not available. Less MT-2699 mount. Operator's manual and schematics included; 9.5x8.5x16, 40 lbs. #ARC-73, used, \$189.50



TRANSMITTER only; 20 lbs #T-879, Used, \$79.50 RECEIVER only; 19 lbs sh. #R-1123A, Used, \$85.00 CONTROL BOX for frequency select, volume control, etc; w/ set purchase. #C-4074, Used, \$20.00

PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

ARC-54 Transceiver



RT-348/ARC-54 VHF Aircraft Radio Set, FM unit covers 30-69.95MHz in 800 channels with 50Hz spacing, 10W, X-mode capable, 27.5VDC at 7 Amps, Mfg by Collins. 15x5x7.7, 25 lbs sh. #RT-348, Used, \$175.00

Test Panel

Test Panel for Wilcox 807 VHF transceiver with control box 97733-100, ITT Cannon connector for rear of Wilcox 807, test points for the following: Data Link input, 0 dbm input, mike input, data link output, receiver output, sidetone output, detector meter, detector input, scope output. Mike, sidetone, and receiver audio jacks. External squelch; on/off, control, disable. Audio on/off. PTT disable. Overall dim., 15.8x22.2x8.8, 32 lbs sh. #807-TP, Used, \$115.



Test cable with male/female connectors to extend Wilcox 807 radio from mount. Length approx 3 ft. #807-CABLE, \$30.00

Control box for Wilcox 807. #97733-100, \$50.00

Rack Cabinet only from above less the front panel, control box and cables. Has a 7" height opening and an allowance of 14" deep. Has louvered sides. The top of the cabinet opens for easy access. Has 2"Hx20"W hole along the base of the rear of the cabinet. 28 lbs. #807-RACK, Used, \$35.00

GRC/VRC Equipment



RT-68/GRC TRANSCEIVER, 38-54.9 MHz FM continuously tunable or 100 KHz-step channels. Receives and transmits both voice and 1600 Hz ringing FM; range 10-15 miles. Receiver circuit has variable 1st IF 4.45-5.45

MHz and fixed 1.4 MHz 2nd IF; also squelch and 600 ohm audio output. Transmitter uses crystal-controlled oscillator and oscillator power amp; power output 2 watts (LO) or 15 W (HI). Also meter to monitor xmitter filaments and 90 V input. Requires PP-109 or -112 power supply. Tubes 4/1U4, 2E24, 2/1A3, 2/1L4, 4/1R5, 2/1AE4, 1S5, 4/3Q4, 3A4, 3/3A5, 2/3B4, 6AK5. 9x13x11.3, 42 lbs sh. #RT-68, USED, \$115.00 TRANSCEIVER, 20-28MHz, #RT-66, USED, \$89.50

PP-112/GRC 24 VDC SUPPLY for RT-66-67-68 transceivers; provides all voltages from 24 VDC 6.5 amp input. Case may have casting chip(s); 7.3x9 x13, 39 lbs sh. #PP-112, USED, \$27.50.



PP-109 Supply, 12 VDC 12 A input. #PP-109, Used, \$35

#CX-1211 INTERCONNECT CABLE, RT: PP units, \$12

R-108/GRC RECEIVER, 20 to 28 MHz-FM continuously tunable with variable squelch; 4.3 MHz I.F. Audio output: 600 ohms. RF input: 50 ohms. With tubes 3/1U4, 2/1L4, 1A3, 2/3A4, 1S5, 2/3Q4, 2/6AK5 & 0B2. Requires 135 VDC @ 70 MA. and 6.3 VDC 2 amps. 7.5x9x13; 32 lbs sh. #R-108, Gov't-Reconditioned, \$55

R-109 RECEIVER, same as R-108 except 27-39 MHz. #R-109, Used, \$45.00

R-442/VRC Receiver

R-442/VRC RECEIVER 30-75.95MHZ FM RECEIVER. 920 50 KHZ CHANNELS. Has noise and tone operated squelch. Normally used with antenna system AB-15, MS 116, 117, 118. Power connections through MT-1898 mount and DC power cable, CX-4720 which are included. 13.5, x 5.8 x 8.9, 31 lb sh. #R-442, Used Repairable \$300.00



Vintage Radios !!!

VINTAGE RADIO LINE ITEMS see our website www.fairradio.com/Vintage.htm for current stock. At time of printing we had these items in stock. All items are used not checked.

ARC-1 VHF Transceiver \$100.00

BC-433 Compass Receiver \$150.00

R-5/ARN-7 Compass Receiver \$150.00

BC-375 / BC191 Tuning units email or call

RT-82 / APX-6 IFF Transceiver 800 - 1300 Mhz \$89.50

RT-178/ARC-27 UHF Transceiver W/control box and connectors \$125.00

C-847 VRC19 Speaker/Control \$30.00

USB Receiver-Exciter



RT-662/GRC-106 TRANSCEIVER, 2 to 29.999 Mhz USB-AM-CW-FSK; tunes using 5-decade mechanical switches to 1 KHz

steps + vernier. Exciter output 100 MW. Controls: Service Selector, PA Load, Squelch, Noise Blanker, BFO and audio functions. LESS Signal Level meter. Requires 24 VDC 10 amp; 7x18x13, 56 lb sh.

#RT-662-UR, Used Repair. not tested/LESS meter, \$275

#RT-662-CH, "Checked" w/ meter (not original), \$450

RT-834/GRC-106A, similar to RT-662 above but 2-29.9999 MHz, 0.1 KHz increments. Used:

#RT-834-UR, Repairable no meter, \$300.00

#RT-834-CH, Checked with sub meter, \$495.00

GRC-106 MODULES for RT-662 and RT-834, most modules available except 1A3 Freq-Standard removed from "used" radios. 2 lbs sh.

Price: UNTESTED, \$20 ea. Add \$20 per module for "CHECKED" modules. #MOD-(specify module #)-(specify RT #)- (untested "UNT" checked ("CH"))

AM-3349/GRC-106 POWER AMP for RT-662/834; amplifies 100 MW RT output to 200 W AM or 400 W PEP. Uses two 4CX350FJ tubes.



Requires 28 VDC 1 KW max; 77 lb

#AM-3349-UR, Used Repairable w/ original meters, \$750

#AM-3349-AI, Used As-Is, less meters, \$400.

Manual, partial repro GRC-106/106A, #MM-GRC-106, \$40 Operator's Manual, GRC-106/106A, #OM-GRC-106, \$12 HANDSET, #H-33, used-checked, \$19.95

MIC, #M-29B, used, \$12. Headset, #H-227, \$17.95

MOUNT & SIDE PLATES, 25 lb. #MT-3140, Used, \$35.

INTERCONNECT CABLE, #CX-10099, used, \$20.00

ANTENNA CABLE, 4 lbs. #CX-10171, Used, \$22.00

TELETYPEWRITER, 100 lbs, #UGC-74, Used, \$85

TRC-68 Transceiver



RT-441B/TRC-68 Transceiver 225-400 Mhz AM. 1960's vintage transceiver, basically same as RT-323/VRC-24, rated 16 watts minimum 225 to 400 Mhz. As pictured, no case, no dynamotor/power supply. Voltages required 26.4vdc 125 vdc 300 vdc. Utilizes the following tubes. 7/5670 10/5654 6442 4x150d 7554 6/6j4 6/5670 4/ 5763. 15.2 x 9.5 x10.2, 47 lb sh.

#RT-441, Excellent condition \$200.00

Manual Repro, #MM-TRC-68, \$35.00

#MT-1436 Terminal Box less cover. Unused, \$20.00

2-12 MHz USB 100 Watt



RT-671/PRC-47 HF TRANSCEIVER, 2 to 11.999 MHz USB (voice and CW+800 Hz) in 1 KHz steps. Output 100 watts PEP (Hi) or 20 W

(Lo). FSK possible with accessory converter (not available). Transistorized except for PL-177WA tube in power amp and 5907, 7761, and 7905. Has 5-place mechanical digital tuning, P-A Load and Tune controls, and XMTR Output Meter. Designed for field or vehicular use; operates from either 24 VDC 20 amps or 115V 400 Hz. 7x21.3x13.5, 45 lbs.

#RT-671-UR, Used, \$150.00

#RT-671-CH, Used Checked, \$295.00

MANUAL for PRC-47, partial repro, #MM-PRC-47, \$25 LONG-WIRE ANTENNA, 3 lbs., #AS-1321, \$20.00 HANDSET, #H-33, used-checked, \$19.95

"Y" CABLE for H-233 to RT, #CX-8396, \$10.00

50 ft AC Cable, #CX-8393, \$15.00

Battery Cable, #CX-8395, \$12.00

BACKPACK FRAME only w/ harness, #PRC-47-BF \$12.50

ALUMINUM TRANSIT CASE, 65 lb #CY-3700, \$50.00

TUBE USED STT, #PL-177WA, \$25.00

MODULES from PRC-47 transceiver. Used not tested:

AUDIO AMP has mic, sidetone, vox & compressor circuits of TX; AGC & audio for Rx. Requires 20 & 24 VDC. 4.3x4.3x2.8, 2 lbs. #AM-3506, \$15.00



AMPLIFIER MODULATOR contains LSB 500 KHz mech filter F500-Z5 (#526-9376) plus balanced modulator and product detector. Requires 20 VDC; 4.3x4.5x1.3, 1 lb. #AM-3507, \$35.00

Connector set. #AM-3507-CON, \$6.00

CONTROL OSCILLATOR, 3 lbs. #C-4311, \$25.00

SIGNAL DATA TRANSLATOR with tubes

5907, 7761, 7905; 5 lbs sh. #CV-1377, \$40.00

RF OSCILLATOR contains 3 MHz crystal in oven; produces 500 and 100 KHz outputs. Requires 20 VDC; 4.3x4.5x1.3, 1 lb sh. #O-1032, \$20.00

POWER SUPPLY, 16 lbs sh., #PP-3518, \$25.00

PRC-41 Manpack



RT-695/PRC-41 UHF MANPACK UHF TRANSCEIVER, 225 to 400 MHz AM in 100 KHz steps counter; output at least 3 watts over range. Also has guard channel, Volume, Squelch, and U-77 connection for H-33 handset. Solid-state except for tubes

6442, 4/7077, and 4/7544. Requires 24 VDC 3 amps; 14x11.3x4.5, 22 lb. #RT-695, Used, \$149.50

Used Checked, #RT-695-CH, \$295.00

Manual for PRC-41, partial repro, #MM-PRC-41, \$20

HANDSET, #H-33, used-checked, \$19.95

VEHICLE MOUNT for PP-3700, 4lb., #MT-2977, \$9.00

Eastern Block Radio

The Russian Tube Type Radio

R-105M was intended for use by infantry units. Operating in one continuous band on 36-46.1mc, with an intended channel spacing of 25 or 50kc. RF power output is rated at 1 watt, FM. Power is derived from two internal Nicad batteries. Durable bakelite housing. Removeable front and back covers. With accessories. 12.3x5.5x11.7, 23 lbs. #R-105M, Used, \$250.00



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PRC-25/77 Backpack Radio



RT-505B/PRC-25 TRANSISTORIZED BACKPACK TRANSCEIVER, 30-75.95 MHz FM in bands 30-52.95 MHz (Lo) and 53-75.95 MHz (Hi) with 50 KHz spacing.

Output: 1.1 to 2.0 watts; 150 Hz squelch. Transistorized except 2DF4 tube in power amp. Requires 3 VDC 400 ma and 15VDC 1.4 amp supplied by BA-4386 battery. RT-505B has modified A25 audio module for broadband use with C-7673/PCC-1 and CU-2194 diplexer. 4x11x14, 18 lb #RT-505B, Used, \$300 RT-841/PRC-77, Similar to above, #RT-841, \$550.00

Manual for PRC-25, partial repro. #MM-PRC-25, \$20.00 Manual for PRC-77, partial repro. #MM-PRC-77, \$20.00 Backpack Harness. #ST-138, Used Excellent, \$35.00 RIBBON ANTENNA, #AT-892, used, WRITE BATTERY f/ PRC-25-77, "weak" #BA-4386, 3/\$5.00 BATTERY, 1995 X-date (no UPS or air), #BA-5598, \$4. ACCESSORY BAG, used, #CW-503, \$7.00 HANDSET or = for PRC-77/25, #H-250, Used, \$20.00 Original Op's Manual f/ VRC-53 (PRC-77 & AM-2060) #MM-VRC-53, \$20.00

AN/GRM-55 TEST SET, used to check test points in modules of RT-505/PRC-25 transceiver and to isolate circuit problems.



(Indirect tests only of modules A2, A12-13, A19-20.) Includes TS-1755 test unit, MX-4622 probe, and CG-409 BNC cable. Requires 12.5 VDC 1 W per 5 sec test. 5.5x7x8, 10 lbs sh. #GRM-55, Used, \$45. As above except w/ test cable CX-8593, \$64.50

6 Meter Diplexer



CU-2194/URC DIPLEXER, passive two-port notch filter and combiner network; allows simultaneous use of two transmitters, receivers,

or transceiver on a common antenna provided that operating frequencies are slightly offset. Usable over 30-76 MHz FM for use with PRC-25-77 & VRC-12 transceivers; will work with commercial 6-meter equip. Has NULL METER, TUNE controls, Fine-Coarse-Monitor MODE Switch and RT1-RT2 BNC connections. Unit may function as man-portable relay terminal. Maximum RF power to each channel: 65 watts cont. Operational isolation: 45 DB min @ 2 MHz separation. Insertion loss: 2 DB max; VSWR 2.0:1 max. 4x11x7, 10 lbs. #CU-2194, Used, \$39.95; #MM-CU-2194, Original Manual, \$12.00

PRC-75 Radio

RT-976A/PRC-75 UHF TRANSCEIVER, rugged handheld ground-to-air tactical synthesized radio covers 225 to 399.95 MHz AM-CW in 50 KHz steps (3500 channels). Power output >1 watt. Has three thumb operated dials to set frequency; design frequency accuracy 1 part / 100000. Also has 1000 Hz audio beacon-DF tone. RF input 50 ohms; audio output 600 ohms. Requires 18-30 VDC from battery pack (not supplied); no accessories; 1.6x4.3 x8, 6 lbs. Look nice, complete but not working. #RT-976A, Not repairable "As-Is, \$75.00



RIBBON ANTENNA, fastens to RT-976/PRC-75 225-400 MHz handheld transceiver; 14.6"L. snap fasteners. #AS-2447, NEW, \$10.00

ANTENNA ADAPTER, allows for BNC coax antenna connection. #UG-1884, New, \$9.95

CV-278 Freq Shift Converter

CV-278/GR Frequency Shift Converter for the R-392 HF Receiver. Converts frequency shift signals to neutral or polar marking or spacing DC impulses. 450-500 KHz input, 20/60 ma or polar output for teletypewriter. Uses tubes 8/26A6, 2/26A7. 9.1x13.8x7.3, 22 lbs sh. Less meters & knobs. #CV-278, Used, \$25.00



PRC-6 Handheld



RT-196/PRC-6 FM TRANSCEIVER, Israeli 1950's vintage single-channel crystal-controlled in 47 to 55.4 MHz range. Output good to about 1 mile depending on terrain and weather conditions. Handheld unit has push-to-talk switch, Volume Control, ribbon antenna, carrying strap and connection for H-33 handset. Uses CR-23 crystal (not included). With tubes 6/ 5678, 3B4, 3/5672, 2/5676 and 2G21. Requires 1.5, 45 and 90 VDC usually supplied by BA-270 battery (not available). 15x5x4.5, 6 lbs, #PRC-6, Used, \$99.50

Original Manual for PRC-6, #MM-PRC-6, \$10.00

Crystals for PRC-6, specify 1st, 2nd and 3rd choices of desired working freq. #PRC-6-CR-(freq.), \$10.00 ea

PRR-9/PRT-4 Radios

GOV'T-RECONDITIONED each single channel with crystal for 51 Mhz FM: PRR-9 RECEIVER with earphone, antenna, & operator manual. Requires 5 V 25 ma battery power; 7x3.5x1.5, 3 lb. #PRR-9-GR, \$40.00

AN/PRR-9 (XE-9) SET, updated PRR-9 with "squelch"; requires 3 VDC input from BA-4534 battery (N/A). With AS-1998 ant, earphone, lanyard & op's book; 6 lbs. #PRR-9-UN, Unused, \$89.50

Manual repro for PRR-9/PRT-4A, #MM-PRR-9, \$15.00

Horn speaker for PRR-9. #PRR-9-HO, Unused, \$5

AN/PRT-4 w/ antenna & battery box, Used less crystal, #PRT-4, \$20.00

AN/PRT-4 "AS-IS", less crystal, antenna, & battery box; for parts or experiment, #PRT-4-AI \$8.

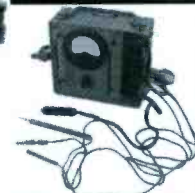
PRC-90 TEST SET

AN/PRM-32A RADIO TEST SET for AN/ PRC-90 UHF & PRC-106 VHF survival radios. Requires one radio as receiver and another as transmitter. Tests 243 MHz frequency for beacon, transmitter MCW-voice and receiver outputs. Also Tx-Rx voice outputs for 282.8 MHz (PRC-90) and 121.5 MHz (PRC-106), earphone & battery test. Has 1.8" square meter with Red-Green scale, TX-Rx connector adapters for hook-up & operator's info. 3x 5x4, 3 lbs. #PRM-32, Used, \$27.95 Manual repro, #MM-PRM-32, \$8.50



ARC-34 Test Set

AN/URM-76A Radio Test Set for ARC-34 radio can be used as a DC voltmeter with the following DC voltage ranges: 1.5, 5, 15, 50, 150, 500. Uses 3.5 inch 50 micro amp DC meter. Case containing meter, 1% precision resistors, 20 position test switch, probes, aluminum case with cover. The unit can be easily modified for other test uses. 4.3x8x7.5, 8 lbs sh. #URM-76, Used good condition w/ schematic, \$18.95



Military Battery Tester

TS-183 Battery Tester. Checks a large number of different military batteries for radios such as PRC-6, PRC-10, PRC-25, BC-620/659, GRC-9, and many many more. For a complete listing of the batteries see our website at www.fairradio.com/ts-183.htm. 10.2x15.3x7.4, 18 lbs sh. #TS-183-U, Used, \$30.00 #TS-183-GR, Gov't Recon., \$49.95



PRC-127 Battery Charger



Ni-Cd Battery Charger for the PRC-127 radio. Once the charging function is complete, the unit will automatically switch to a trickle rate to maintain the charge without overheating the battery pack.

Has indicator lights for charge in progress and fully charged. Input power 15W. Slow charge rate 60 mA - 140 mA. Fast charge rate 700 mA - 1100 mA. Requires 115/230VAC 50/60Hz. 6.8x3.3x3.4, 6 lbs sh. #CHARG-127, Used, \$29.50

BB-490 Battery/Charger

Lead Acid Battery Pack with Charger, consists of two BB-490 military batteries each rated 24VDC (2x12 VDC) 1.8 Amp-Hrs @ 0.35 amps; AM5-H6 charger fits on top of BB-490 or similar batteries and shows "charging" and "ready" on LED indicators. MPS-CH2 charger power supply output 16VDC 1.5 A from 115V 60 Hz input. BB-490 used in PRC-104, etc. radios; 4.3 x 5 x 2.5. Kit 9 lbs sh. #BB-490, New, \$19.95; 3 for \$50.00



Military Batteries

BA-5598 LITHIUM BATTERY for RT841/PRC-77/25 radio; output 12.5 VDC. Two BA's fit RT battery box. Has discharge switch to make non-reactive after final use; 1995 expire date. Class 9 hazardous item; USPS Shipping ONLY. 3.5x4.8x2.1, 2 lbs sh. #BA-5598, Unused, \$4.00 ea; 2/\$6.50; 24/\$50.00



Rechargeable Nickel Cadmium Battery for PRC-68/68B/ 126/128 radios. 15 Volts 0.80 AH at 0.16 A. Date Code: 11/89. 1.5 x 4.3 x 4, 3 lbs. #406870-1, Unused, \$32.50



Military Nickel-Cadmium Battery Pack, four D-cell batteries in plastic pack produces 4.8 V 3.2 amp-Hr; 3/80 date code. 3.5x5.5x1.5, 3 lbs. #4D2704, 5 for \$10.00

BA-48 Battery for GRC-9 Receiver section. +90V & 1.5V. Date code is 0486 but still check good. No stains. 8 lbs sh. #BA-48, \$5.00

Battery Boxes

CY-7541/PRC-104 BATTERY BOX, plastic box clips onto PRC-104 backpack radio set and will hold 16 silver-zinc (or =) batteries that provide 20-32 VDC. Side unscrews to insert batteries; 3.8x12.5x2.6, 4 lbs. #CY-7541, unused, \$17.95



CY-744 Battery Box for the PRC-10 backpack radio. 9.4x9.7x2.5, 4 lbs sh., #CY-744-U, Used, \$29.50



AA-BATTERY BOX for Trimble Navigation Trimpack GPS receiver. Clips onto & allows operation of GPS from 8 - AA batteries (not included). 1.6x 6.5x1.5; 1 lb. #GPS-13828-00, NEW, \$22.00



GRC/PRC Battery Test

AN/PSM-13 BATTERY TEST SET; checks GRC and PRC-type battery packs BA-270, -279, -376, -377, -4386/398/ PRC-25, -399, and -505. Meter indicates BAD-GOOD (FS=1 MA). With adapters U-240, -241, -314, -315, -347, -410 & canvas case. 7 lbs. #PSM-13, Used excellent, \$24.95



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GRC-109 Supply



PP-2684/GRC-109 POWER SUPPLY provides voltages for RT-3/T-784 and R-1004/RR-2 from 75-260 VAC 40-400 Hz or 6 VDC 13 amp input. Meter monitors AC input; connections for RX and TX. 10x8.5x5.5, 28 lbs sh. #PP-2684, Used, \$29.95

PP-2684A, Similar to above except larger case with snap closures. #PP-2684A, Used, \$32.00

Manual for GRC-109, partial repro, #MM-GRC-109, \$20

VOLTAGE REGULATOR, for use with G-43 generator and R-1004; 6 ft cord with PL-244 plug; 4 lbs sh. #CN-690, Used, \$19.95

GRC-213 Amp / Supply

AM-7152/GRC-213 Amplifier / Power Supply / Squelch unit. The unit increases audio output and provides squelch circuitry for the AN/PRC-104, which the transceiver does not itself incorporate. It also provides DC power for the PRC-104. The AM-7152 may be used with the RT-1209/PRC-104 to provide audio and squelch without the entire GRC-213 set, or with any other HF/SSB transceiver that does not have squelch capability of its own such as the AN/PRC-74 or AN/PRC-47 sets. Requires 24VDC. 10x12.5x3.5, 14 lbs sh. #AM-7152, Used repairable, \$235.00



AM-7152/GRC-213 Amplifier / Power Supply / Squelch unit. The unit increases audio output and provides squelch circuitry for the AN/PRC-104, which the transceiver does not itself incorporate. It also provides DC power for the PRC-104. The AM-7152 may be used with the RT-1209/PRC-104 to provide audio and squelch without the entire GRC-213 set, or with any other HF/SSB transceiver that does not have squelch capability of its own such as the AN/PRC-74 or AN/PRC-47 sets. Requires 24VDC. 10x12.5x3.5, 14 lbs sh. #AM-7152, Used repairable, \$235.00

PRC-41 Power Amp



PRC-41 UHF Power Amp AM-6669 RF Power Amplifier, designed for use with PRC-41 transceiver, but usable with other 225-400MHz xmitters such as PRC-66, ARC-45, etc. Power output: 10 watts from 2-3 W input; "N" connections

Solid-state; 24 VDC required. 5.3x6x9.8, 10 lbs sh. #AM-6669, Used Repairable, \$250

600W Power Meter

ME-165/G STANDING WAVE-RATIO POWER METER, designed for use with T-368 400 W transmitter; uses 12/ 600 ohm 50 W non-inductive resistors in parallel to provide 52 ohm 600 W load with SWR of 1.1:1 or less upto 30 MHz. Has 0-600 Watt meter, function switch Power-Adjust-SWR-Operate, & N connections. Flanged on back for wall mount. 1.5x9.8x9.8, 20 lbs. #ME-165, Gov't-Recon, \$125.00 Manual repro, #MM-ME-165, \$10.00



ME-165/G STANDING WAVE-RATIO POWER METER, designed for use with T-368 400 W transmitter; uses 12/ 600 ohm 50 W non-inductive resistors in parallel to provide 52 ohm 600 W load with SWR of 1.1:1 or less upto 30 MHz. Has 0-600 Watt meter, function switch Power-Adjust-SWR-Operate, & N connections. Flanged on back for wall mount. 1.5x9.8x9.8, 20 lbs. #ME-165, Gov't-Recon, \$125.00 Manual repro, #MM-ME-165, \$10.00

ME-165, Gov't-Recon, \$125.00 Manual repro, #MM-ME-165, \$10.00

HF Radio Modem



Thrane & Thrane TT-1185 Radio Telex Modem. Mark / Space frequencies adjustable from 1KHz to 3 KHz. Phase continuous AFSK Keying. RS-410 type N Radio Control. Power input 90 to 240 VAC 50 - 400 Hz, 20VA. 15.5x19x3.5, 16 lbs sh. #TT-1185, Used excellent, \$99.00

Thrane & Thrane TT-1185 Radio Telex Modem. Mark / Space frequencies adjustable from 1KHz to 3 KHz. Phase continuous AFSK Keying. RS-410 type N Radio Control. Power input 90 to 240 VAC 50 - 400 Hz, 20VA. 15.5x19x3.5, 16 lbs sh. #TT-1185, Used excellent, \$99.00

ARC Type Connectors



Hard to find ARC connectors for the WW2 Command Sets and later ARC Type 12 Radio Sets. Some of these connectors can be used as is. Some need to have guides filed off. Much information is in the Tauson book, "A Users Guide to Aircraft Radio Corporation Receivers." Also see the ARC connector catalog reproduction. Connectors are unused unless marked Used. "M" designates Male and "F" female.

ARC #	pins	m/f	Works with	Price
16743	12	f	CV431	\$15
14320	19	f	C25 Control	\$12
12370	2	f	TYPE 12 15 Power	\$10
12427	2	m	Chassis Type 12 Rec 15 Rack	\$10
14052	4	f	T11 13 Power	\$15
12337	4	f		\$10
16104	4	f		\$12
12338	8	f	15 & Command Racks w/ Mod.	\$15
15912	8	f	Modulator Command Rack	\$15
14050	8	f	T11,13 Mod f/ Command Racks	\$15
12097	8	m	Chassis type	\$10
PL-151	6	f	Modulator and Receiver Rack	\$15

A User's Guide to ARC Corp Receivers - by M. Tauson; ARC-5, ARC-type 12 etc, #BK-USERS, \$10

ARC Connector Catalog reproduction, #CAT-ARC, \$5.00 each

Vintage Connectors

"Other Vintage Connectors"

PL-59	BC-191 / 375	\$12
PL-64	BC-191 / 375	\$18
PL-134	RU-18	\$15
PL-164	2 f SCR-522	\$12
PL-167	4 f SCR-522	\$12
PL-169	12 f SCR-522	\$12
PL-171	6 f SCR-522	\$12
PL-172	2 f SCR-522	\$12

Three pin connector pair. MS3114E8-3S chassis male and MS3116P8-3P cable female connector pair for audio or low current voltage use. Wire can be easily soldered to the gold plated pins. These connectors lock together with a half turn cam action. They will not come apart from vibration. Excellent for use in vehicles and high vibration applications. Removed from unused equipment. #3PIN-PR, \$15.00 per set



GRC/VRC male connectors, specify type & equipment used. #CON-(equip)-(strain="st" crimp="ct") Used-cut-offs: Strain type, \$10 each; Crimp type, \$5

Audio Connectors: #U-77, \$4; #U-79, \$8; #U-229, \$5

Spanner Wrench



SPANNER WRENCH FOR MILITARY GRC CONNECTORS. Fits the retainer ring on the GRC and VRC connectors. Makes it much easier to take those connectors apart. Set contains the following sizes: 0.6", 1.25", 1.45", 1.6", 1.85". 1 lb sh. #SPAN-GRC, Unused but need cleaning. \$16.95

following sizes: 0.6", 1.25", 1.45", 1.6", 1.85". 1 lb sh. #SPAN-GRC, Unused but need cleaning. \$16.95

Terminal Panel

Military Terminal Panel with ten heavy duty push terminals with insulation and 5 pin military audio connector U-183/U that mates with the U-229 as used on many military radios. Also has 4 pin male power connector MW20M(M)A00 M55181/2-01. The two connectors have rubber protective covers to resist moisture and dirt. 1.9x6.6x4, 3 lbs. #TP-10, Removed from unused equipment. \$14.95



GRC-9 Accessories

Leg and seat for GN-58. #LG-2B, Gov. Recond, \$50 LG-3B Legs for GN-58. Used, \$40.00



Crank handles for GN-58 generator. #GC-7, Used, \$35.00 per pair

Mating power connector for BC-223, #PL-149, \$18.

Bracket attaches IN-127 base to RT-77 radio, French made #FT-515-FR, Used, \$5.00 As above but made in the U.S.A. #FT-515-US, \$8.50

Vehicular Mount for RT-77, #MT-350, Used, \$20.00

Cover for RT-77/GRC-9, #CW-140, Used, \$15.00

Long Wire Antenna "As-Is", may have wire breaks: #AT-101, 4.3-12MHz, \$16; #AT-102, 2-4.3MHz, \$15

#MM-GRC-9, Original Manual for GRC-9, \$15.00

Radio Cables

CX-4721 Extension Cable for DC power 5ft. Unused, \$14

CX-4722 VRC Control Cable, 15 feet, \$15.00

CX-4723 VRC Control Cable, 4 foot, \$10.00

CX-7059 Cable C-2742 to RT-246, Unused, \$19.00

CX-7867 AUDIO CABLE, 25' U-229 /-228, \$10.00

CX-11016 2/19 pin male connectors 6 ft. Unused, \$10.

CX-12991 KY-57 to PRC-77 CRYPTO cable NSN 5995-01-058-2513. Used, \$12.00

CX-13089 Vehicular power cable for use with MX-7777 or vehicles with 3 pin power sockets. 5 ft 4 conductor #14. Unused, \$10.00

Vehicle power socket 3 pin female to mate with CX-13089 cable. #CONN-13089, Unused, \$12.00

Vehicular power cable for use with MX-7777 or vehicles with 3 pin power sockets. 5995-01-119-9271 4 conductor #14 12ft. Same connectors and pinout as CX-13089. #CBL-13089-2, Unused, \$14.00

#CX-13134/U DC power cable 3 pin connector fits MX7777, Crown CC229935-2P, and 4 pin PTO6E-8-4S. Unused, \$12.00

#CX-13143 6 Ft DC power Cable for the AM-4979 and AM-6747 amplified speakers. Unused, \$12.00

#CX-13306/VRC Sincgars Power Cable 2 ft, \$16.00

Crypto Cable RT-1209 PRC-104 to KY-99. 2 feet. #CBL-104, Used, \$17.00

#SM-D-915890 Battery back up cable for UGC-74 MS3116E-12-3S, other end fits the batteries used with PRC-25/77. Unused, \$15.00

U-77 to U-229 Coiled Audio Cable. 8 foot long stretched. #SM-D-875498, Unused, \$15.00



30" long cable with a GRC 4 pin female connector fits T-195, GRC-106, GRR-5, etc. on one end. May need rewired for proper connection to radio. The 4 pin connector is a commonly used on many GRC equipment for power in. 2 lbs sh. Used, #GRC-CBL-30, \$20.00

Adapter, 33" cable with a U-77 audio connector on one end and two U-79 connectors (mates to U-77) mounted on a panel box on the other end. #J-654, Used, \$12



Vehicular DC power splitter. One male connector and two female connectors. #CBL-VEH, Unused, \$25.00



MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

Radio Mounts



MT-1029/VRC Vehicular Mount for RT-246 & RT-524/VRC -12 transceivers. 5x12.5x16, 19 lbs.
#MT-1029-U, Used, \$29.50;
#MT-1029-GR, Gov't-Recond., \$45

MT-1898/VRC Mount for companion R-442 receiver 5x6x12.3, 15 lbs.
#MT-1898-U, Used, \$25; #MT-1898-GR, Recond., \$32

ARC-164 MOUNT, retrofit ARC-164 into ARC-34 mount. Rear rack connector & front plug for ARC-164. 5x13.8x11, 11 lbs. #MT-6147, Used, \$25.00

MT-300 Mount serves as support for the RT-70/AM-65 radio system and as a junction box for interconnecting the RT-70 and interphone amp with control box C-375 (page 9). Also, inter-connects the vehicular power source and the power supply within the amp. 13x8.3x3.1, 13 lbs. #MT-300, Used poor, \$65



Robinson Aviation shock mount 848-2. Looks like its good for about 5 pounds. For base 5.5 x 7.5 inches with screw clamp on front. 2 lbs sh. #848-2, Used, \$10

TCS Transmitter / Receiver shock mount. Shockmounts are not original, but look correct.



#MT-TCS-4, 4 shock mt, \$35
#MT-TCS-6, 6 shock mt, \$40



MT-4658 Mount for ARC-159. 3 lbs sh. #MT-4658, Used, \$20.00

FT-161 Mount for BC-357 Beacon Receiver, 3 lbs sh. #FT-161, Unused, \$8.00



MT-759 Mount for AM-598. Less canvas strap. #MT-759, Used, \$15.00

MT-6378 / GRC-193 Mount for CU-2064 Antenna Tuner. This mount has the base for the antenna. #MT-6378, Unused but hasn't been in packaging for a while. \$150



MT-6233 / GRC193 mount for AM-65445, CU-2064, AM-6879. #MT-6233, Unused, \$250.00

AIC-10 Intercom System

RE-94 / AIC-10 Interphone Control includes AM476 solid state audio amplifier, call button, volume control. 27VDC required w/schematic. 5.6x3.6 x3.6, 4 lbs. #RE-94, Used, \$14.95



LS-184/AIC-10 Aircraft Dynamic Loudspeaker with AM-492 amplifier, usually used in the fuselage of larger aircraft and in the wheel well for ground crew communication. Power required 28 VDC and 170 VDC for 4/5718 or equal tubes. 7.3x8.2x4.2, 6 lbs sh. #LS-184, Used, \$24.95 7 pin connector for above, #7P-LS184, \$18.00

TM11-5831-200-35 Field and Depot Maintenance Manual Intercommunication Set, AN/AIC-10 Covers C-823, C-824, C-825, AM-476, AM-476A, DY-77, DY-76, RE-94, LS-184, AM-492. #MM-AIC-10, Repr, \$35.00

Patch Panel



SB-3189 Audio Communications Patch Panel. Normal 1/4 inch phone fits 52 pairs ADC jacks. Jacks are spaced for double phone plug. Each jack 2 normally closed and one SPDT. Some panels are red, some are black. 17.5x19x7, 31 lbs sh.
#SB-3189, Used good condition, \$149.50

Manual Switchboard

SB-993/GT Manual switchboard, designed for quick "connect / disconnect" of up to six battery or sound-powered field phones (such as EE-8, TA-1, TA-43/312) plus and operator unit. Consists of seven U-184/G terminal plug-jacks that plug into "stack" onto rear of another U-184. Active lines make neon lamp in U-184 "glow". Also includes MT-2156/GT metal case; 1.3x12x3, 6 lbs sh. #SB-993, \$39.95



Canvas Bags & Covers

BAGS & COVERS may be used or unused. May have minor wear, tears or discolor:

SHOULDER BAGS with adjustable straps; Used:
#BG-175, 10x8x10.5, \$15.00
#CW-189, 10x9x10, \$10.00

GRC/VRC EQUIPMENT COVER
#CW-140 for GRC-9, Used, \$15.00
#CW-329 for GRC-3--8, Unused, \$14.00

ANTENNA ROLL BAGS 1/ MS-116 etc mast sections,
#CW-206-U, Used, \$7.; #CW-206-UN, Unused, \$15.
#BG-174, Used, \$15.00



Cargo Sling-Heavy Duty Tow Straps. This item is a 15,000 pound cargo sling and consists of four sections, each is constructed of four 15 feet seatbelt type OD nylon straps

which are looped on one end with an 76 inch chain and catch arrangement on the other. The loop ends are all joined together by a large loop of webbing. This loop can be removed to separate the four individual straps for use as tow straps or whatever. #CS15K-SLING, 105 lbs sh. Unused, \$69.50

Single strap from above w/ chain and catch,
#CS-STRAP, 25 lbs sh. \$25.00

BC-620 / 659 Accessories

ALIGNMENT ADAPTER for BC-659 transceiver; allows changing of crystals and alignment of the set without the use of an external meter. Mounts inside the BC-659. 2 lbs sh. #M-399 \$5.00 Adapter 1/ BC-620, #M-394, \$5.00



ALIGNMENT TOOLS for BC-620/659:
#TL-150 or #TL-207, \$5.00

RIGHT ANGLE, #MC-136, \$4.50
T adapter for MC-124, #MC-203, \$7.50
MC-127 Spin Tuning Knob for spline ARN-6 & BC-229, #MC-127, \$7.50

TA-341 Phone



TA-341/TT TELEPHONE SET push-button 4-wire unit for use with tactical switches using four C-cell batteries; usable in conventional point-to-point telephone line (plug may need changed) Range >3.2 km. Signal out 900-3400 Hz digital tone; 90 V 20 Hz signal in. W/case; 4.5x10.5x10.5, 10 lbs. shipping. #TA-341, Used, \$19.95

TA-312 Field Phone

TA-312 FIELD TELEPHONE rugged light-weight unit replaces famous EE-8 field phone and is usable with them. Includes G-42 crank generator, BZ3 clacker call signaler, H-60 handset, and canvas carrying bag w/ strap. Requires 2 D-cell batteries (not supplied), 12x7x4, 12 lbs.
#TA-312, USED-CHECKED, \$95.00
Manual for TA-312, partial repro, #MM-TA-312, \$12.00



Field Phone Wire



1250 feet on a DR-8 reel of Field Telephone Wire WD-1A/TT twin lead zip cord style black vinyl-covered steel wire. Intended for use with EE-8, TA-43, TA-312 and similar field phones. 14 lbs sh. #DR8-WD1A, Used, \$79.50

100 feet of WD-1A wire less spool, #WD-1A-100, \$12
500 feet of WD-1A wire less spool, #WD-1A-500, \$45

WF-16 Four Conductor Stranded Field Phone Wire. Two pairs of what looks like small zip cord twisted together. One is brown and the other is gray. Has splices and may need spliced. Less reel.

100 feet, #WF-16-100, \$20.00
500 feet, #WF-16-500, \$75.00
1000 feet, #WF-16-1000, \$130.00

Box Kite

Kite is also used for lifting wire antenna; has 15"Wx12"H distress orange plastic poly-vinyl panels on metal frame. Stands overall 36"H x 15" square; sturdy frame can be recovered with silk or similar light fabric. Some plastic sticks together - includes panel repair kit; 3 lbs sh. #SEB-42ABK, Unused, \$24.00



Antenna Tether Wire



306 FOOT SPOOL of vinyl-covered braided #22-size intended for use with above; usable on the ground as long-wire antenna also. On spool; 3 lbs. sh. #SEB-400X3, unused, \$12.95

CB Antenna Mount

Chrome-Plated Steel Spring. For 3/8"-24 Threaded Whip. With hardware. 4 1/8"H x 1 5/8"D. Unused, #21-1118, \$9.99



Chrome-Plated Swivel Ball Mount Base. For 3/8"-24 Threaded Whip. With hardware. Unused, #21-1115, \$9.99

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Mast Kits



29.6 foot Mast Kit comes with eight 1.8" diameter sturdy fiberglass mast sections, two high quality plastic guy rings, 300 feet of rope (cut according to your need), three guy stakes, insulator, and weather proof bag. 55 lbs.

#ANT-KIT-29-U, Used, \$139.50
#ANT-KIT-29-UN, Unused, \$179.50

12 foot Military Mast Kit. Comes with: three 47" long x 1 3/8" fiberglass mast sections, one 8" top mast section which holds two horizontal aerial antennas and also has 16 feet of RG-58 coax with a male BNC connection at the end, two 28" antenna elements that thread to the top section, one guy ring with guy rope, three 9" stainless steel stakes, one 27" long mast base which mounts directly into the ground, and O.D. green carrying bag with handle. There is no indication of a model number on the assembly. Excellent for field day or other portable antenna use. 12 lbs sh. Unused, #MK-12, \$44.50 each



As above except with Ground Plane Antenna. #GPA-MK-12, Used, \$39.50
Mast Section only, #MS-MK-12, Used, \$10.00 each



HEAVY DUTY NYLON BAG, ideal for mast kits along with MANY other applications! High quality Cordura Nylon is coated for water repellency, rot and is mildew resistant. Bag has 1 1/2" web handles that wraps around bag for added strength. Two zipper slides for easy opening. Overall size: 44" long x 9" deep x 7" tall. 3 lbs sh. Comes in OD Green. #BG-1244, New, \$39.50 each; 3 / \$99.50

Mount Brackets

BRACKET for mounting 2" dia antenna bases like AB-15 to vehicles or other flat surfaces. Mount plate 6.3"W x4"H; base hole center extends 3.9" from plate. 4 lbs. #SM-B114371, Unused, \$10.00



Mount bracket accepts 2" diameter antenna bases such as the AB-15 or MP-65. Mounts to flat surfaces. 4.3x6.5x3.1, 4 lb sh. #AB-450, \$15.

Angle Bracket for attaching MP-50 or similar mount bracket to corner of vehicle. Bolts for MP-50 and drilled for side mount; 5 lbs sh. #SCC-28591, Unused, \$9.95



Antenna bracket for MX-6707 or AS-3900 on the Hummer. 6.6x5.6x6, 3 lbs sh. #A3046166, Used good condition, \$25.00



Guy Ropes

MX-516 Halyard, 140' nylon rope, insulator & pulley Used with AB-155 & AS-244. Used, \$12.00

GUY ROPE SET, 3x20' lengths, #GY-12/42, Used, \$7
ROPE, 80', #M378, \$6.00; 10', #M379, \$2.50

Mast Sections

3-FOOT MAST SECTIONS (left), WW-2 & Korean War vintage: painted copper-coated steel. Sequentially screw into the other; 3/16" dia MS-49 top section the smallest. Self-supports to 15 ft; MS-53 can fit into another MS-53; 1 lb sh. May have surface rust; We no longer have the MS-49 or MS-51 which is necessary. Select from MS-50-52-53, #MS-(specify #), used \$3.00 ea
#MS-51, Used, \$8.00 each
MS-54 Mast Section. Unused, #MS-54, \$10.00

MS-116-117-118 MAST SECTIONS, each 39.3"L. MS-116 is stackable bottom section, MS-117 middle and MS-118 tapered top; fit AB-15, AB-652, MP-65 & UG-558 bases. 1 lb ea.
#MS-116-U, Used \$3.50;
#MS-117-U, Used \$6.00; #MS-118-U, Used \$6.00

AB-21-22-24-Mast Sections, similar to MS-116-117-118 except 27" length each. AB-21 is bottom & stackable section; 1 lb each. #AB-(specify #), used, \$4.50 each

PRC-Type Antennas

AT-272A RIBBON ANTENNA & AT-272 FLEX-BASE SET for PRC-8-9-10; 2 lbs sh. #AT-272, Unused, \$15.
SHORT FLEX BASE only f/ AT-272A, #272-BO, used, \$3
RIBBON only for AT-272A, used, #272-RO, \$8.00
RUBBER BASE f/AT-271 (PRC-8-9-10) #AB-129, \$4.00
37.5" Ribbon Antenna for PRC-126 and PRC-128 but not PRC-68. 2 lbs. #37695721153-3, Unused, \$12.00
RIBBON ANTENNA f/ PRC-6 radio, #PRC-6-RA, Used, \$10
WHIP f/ Canadian C-PRC-26, #AT-5001, used, \$8.00
M-422 ADAPTER for using MS-116/AB-23 masts with PRC & BC-1000 as long antenna, #M-422, \$8.00

Mast Bases

AB-154/RC-292 Swivel Base with Base Plate. Used with AB-85 and MS-44. This assembly consists of a yoke and clevis pin. The lower mast section is placed over this tubular section. The yoke and clevis pin allows the mast assembly to be lowered to the ground by pivoting about the stake. The base plate has three cleats for fastening the guy ropes. 5.5 x 6 x 17, 3 lbs sh. #AB-154-PL, Used, \$15



AB-15 MAST BASE for MS-116-117-118 or AB-21-22-23-24 masts; rubber flex spring with 3.3"Lx3" dia ceramic insulator & bottom terminal. Mounts in 2" dia hole. O/a 15"L, 3 lbs sh. Used with small chips in the ceramic insulator, #AB-15-U, \$8.00
As above but used good condition, #AB-15-UG, \$15

AB-558 BASE for MS-116-117-118; mounts to SC-D-189023. 16"Hx6" dia; SO-239 conn. #UG-558-U, Used, \$15.00
As above but unused, #AB-558-UN, \$35.00



MP-68 MAST BASE, makes ground plane antenna when used with combinations of AB-21-24 or MS-116-118 whip masts installed as three radiating elements plus one vertical. Has center 3" dia ceramic feed-thru insulator with UHF connection and sockets for elements. Clamp on bottom allows installation on top of 1.6" dia masts like AB-35 (RC-292) or MS-44 (AB-155). 13"Hx5"Wx5"D, 5 lbs. #MP-68, Used, \$29.95



12" Guy Stake

12" Aluminum Guy Stake. Has 1/4" diameter hole near top of stake. #GS-12, Used, \$2.50; 6 / \$10.00



Steel Guy Assembly



1/8 inch steel guy cable on steel bracket with locking pulley and tension adjustment. Use for field day antenna guy or other wire support use. 9 lbs., Used,

#GUY-36, 36 ft, \$19.95
#GUY-44, 44 ft, \$21.95
#GUY-62, 62 ft, \$27.95

Long Wire Antenna

AS-1321/PRC-47 LONG WIRE ANTENNA 45 ft vinyl-covered with insulators at 15" and 25"; clips at insulators adjust length. Designed for use with 150 W HF transceiver; 4 lbs. #AS-1321, Used, \$20.00



Antenna Loop

Each loop is constructed of interlocking plastic structural bars and spreaders to form the loop. The spreader has notches for 24 turns of enameled wire which is wound around the framework. Each section of the loop is approximately 3"x7.5"

Hexagon loop kit (6 sides) 330 microhenries, aperture of 153 sq in. #6HEXLOOP, \$9.95
Octagon loop kit (8 sides) 490 microhenries, aperture of 280 sq in. #8OCTLOOP, \$12.95
Decagon loop kit (10 sides) 660 microhenries, aperture of 440 sq in. #10DECLOOP, \$14.95



Flat plate sliding capacitor kits use w/ above loops. Three plate capacitor 10 - 180 pf #3PLATECAP \$13
Five plate capacitor 10 - 365 pf #5PLATECAP \$15

Loop Antenna

AT-784/PRC DIRECTION FINDER LOOP ANTENNA for use with PRC-25 -77; covers 30-76 MHz in five bands. Controls FINE TUNE 0-10 Mhz in 1 Mhz steps and ATTENUATOR 0-40 DB in 10 db steps. Includes AT-1082 loop with whip, CG-2840 & -3344 cables in CW-445 canvas bag. Collapsed size 8x6x3.5, 5 lbs. #AT-784, Used, \$34.00
Manual repro for above. #MM-AT-784, \$15.00



AS-2360 Loop Antenna .53 Mhz to 10 Mhz, useable to 20.5 Mhz. Impedance 50 ohms, Null depth 25 db, bearing error less than 2 degrees. Originally part of TRQ-23 radio receiving set. The base of the loop contains a loop cathode follower with varactor diode for tuning, two rf amplifiers, and an output cathode follower using 4/6612 tubes which require 36 v B+, 1.1v filament. Tuning voltage 0-102 vdc, gain voltage 0-37 vdc, sense relay 24 vdc. Comes with canvas bag. 6.4x26.2x61.8, 30 lbs sh. #AS-2360, Used, \$225.00
TRQ-23 Op's Manual & Schematics repro, #OM-TRQ-23, \$20.00



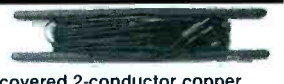
Mast Adapter

Mast Adapter. The top fits AB-85, MS-44, & AB-35 masts with an outer diameter of 1 3/8". The bottom has an inner diameter of 1 15/16". It is 8.7" long. 2 lbs sh. #MA-44, \$10



Dipole Fixture

DIPOLE FIXTURE, part of PRC-74 long-wire antenna set. H-shaped has 25i vinyl-covered 2-conductor copper wire: 2.5x12x1, 3lbs sh. #DP-MK-911, Unused, \$6.00



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C. Crane Antennas



AM Antenna With Twin Coil Ferrite. The biggest advancement in AM radio antenna design in over 50 years! The best

compact AM antenna for a portable radio or home stereo. It increases available daytime stations dramatically and reduces nighttime fade out by 99%! Can also eliminate heavy static and distortion. Tuner Size: 3.3" W x 4.3" H x 1.3" D. Antenna Head Size: 8.5" W x 2.5" H x 1.3" D. New, #TCA, \$99.95

Remote Kit, you can set the Antenna Element closer to a window or even outside, away from the noise and interference. You'll dramatically improve reception on weak AM stations in brick, stucco or metal-sided homes, and virtually eliminate static.

25' remote installation kit. #J25, New, \$19.95
50' remote installation kit. #J50, New, \$29.95

The FM Reflect is an affordable FM antenna that is equal to or better than the best indoor antenna made. Great signal to noise ratio.

Works with any portable or stereo receiver. Incorporates a new dipole design for maximum gain across the FM band. Up to 213% more powerful than a standard dipole antenna. Comes with "F" connector, balun spade connector and alligator clip. Size: 54" element with an 8' feed line. 2 lbs sh. #FMW, New, \$24.95



PRC-41 Mast Assembly

AB-777 Adjustable Mast Assembly from the PRC-41 radio system. Mast assembly holds the AS-1405 omni directional antenna. AB-777 is 28 1/4" long closed and 78 1/4" fully extended. 1 1/2" dia. 6 lbs. #AB-777-U, Used, \$27.95; #AB-777-UN, Unused, \$39.95

UHF Dipole Antenna

AT-413/TRC DIPOLE ANTENNA for 225-400 MHz, originally part of large array. T-top elements extendable 3" each end to adjust reception; 20" max T-width. Mount flange moves to adjust height. Type C connection on bottom. O/a 15.5"H, 12 lb. #AT-413, Unused, \$16.00



AS-1729 Parts

#MX-6707 Base. Used, \$85.00

Mast Spring only for MX-6707; 4 lbs.
#AS-1729-MS, Used, \$10.00

Upper Mast. 64" long, 4 lbs. #AT-1095, Used, \$18.00

TIE-DOWN KIT for AS-1729 including tie-down rope and plastic cap for AT-1095, #AS-1729-TD, New, \$8.00

Manual repro for AS-1729, #MM-AS-1729, \$15.00

MOUNTINGS for MX-6707 p/o AS-1729, USED:

#SCD-189023 f/ base. unused, \$20.00

#SCD-446058 corner. used, \$10.00; unused, \$20.00

EXTENDER for SCD-446058.

#445058-EX-U, used, \$6; #445058-EX-UN, unused, \$10

Blade Antenna

PRICE REDUCED

AS-2485/ARC-114 BLADE ANTENNA used with 30-76 MHz ARC-114 radio set; BNC connection. 24"H x 42"L, 15 lbs sh.

#5985-168-8383, Unused, \$50.00; 2 for \$75.00

Rams-Horn Antenna

AS-580A/ARN-30 Rams-Horn Antenna with two dipoles. The forward dipole is used as a glide-slope antenna while the rear dipole is used as a VOR and localizer antenna. Each antenna is terminated with a BNC connection located on the base. Antenna originally used with the ARN-30D aircraft radio that covers 108 to 126.9MHz. Overall 23.8"Dx17.3"Wx11"H, 6 lbs sh. #AS-580, Used with some cracks in the plastic, \$35.00



LF-DF Antenna



AT-780/ARN-59 DIRECTION FINDER ANTENNA, 190 - 1750 KHz. Has ferrite loop, 26 V 400 Hz motor & Tx selsyn for drive direction. Operates in circuit on

26 V 100 Hz. W/ 14 error compensator screws, 0-360 scale visible under glass dome & schematic. 3.8x6.5x6.5, 8 lbs. #AT-780, Used \$32.00
#NG-AT780, above no glass, \$22.00

AS-313/ARN-6 DF ANTENNA, similar in function to above, but earlier design; 10x11x5, 18 lbs sh. #AS-313, Used, \$30.00



Hy-Gain Antenna



HY-GAIN MOBILE-COM ANTENNAS, new: 760-SERIES, include 52" whip, 2.5"H spring base, 18" RG-58 coax cable, PL-259 connector & UG-175 reducer; 5 lbs sh. unused, \$9.95 ea:

#761 (30-33MHz) #767 (33-36 MHz)

KATHREIN WHIP, 64-470 MHz; cut 4 foot length; 1-hole mount, 15' RG-58 coax. 4 lbs. #K50-54-4, \$15.

TELESCOPING CHROME ANTENNAS, \$2.50 each:
#TCA95-380, 9.5"L to 38"L; 6-32 thread mtg screw
#TCB84-144, 8.4"L to 14.4"L; 5/32" dia base hole
#TCA60-125, 6"L to 12.5"L, 10-24 thrd mtg screw

Guy Tie-Downs

GUY TIE-DOWNS for securing antenna masts, tents or other items. Each has 4" based triangular steel head with 1.5"L x 3/8" dia driving shaft on base. Head has 28"L steel wire with reinforced loop for attaching guy. Tie-down driven into ground by hammering a pipe (not supplied) slipped over the driving shaft; 3 lbs
#4-TD-98, NEW, \$4.00 ea; 4 for \$12.00

HYE-QUE

BUDWIG HYE-QUE dipole center antenna insulator & strain connector for long-wire set-ups; full legal power capacity + weather-tight polymer construction. Strain assembly with PL-259 connection for lead-in wire drop. #HQ-1, NEV, \$7.95
#HQ-2, insulator pair, New, \$1.95/ pair

Cellular Antenna



Cellular Mobile Antenna by Antenna Specialists with trunk lid mount. 824 to 896 MHz with 3DB gain. Antenna capable of adjusting 25 degrees any direction. Antenna has a female TNC connection. Kit comes with 15 feet of RG-58 cable with a male TNC connection on one end, cord clip, mylar tape, bracket channel, a separate TNC male connector, and allen wrench. Antenna with mount stand around 30". 3 lbs sh.

#ASP-917, Unused, \$18.95

Yagi Antenna

7 Element Yagi Antenna by Antenna Specialists Model #ASPJ-2996 covers 928 to 960



MHz. Antenna can be mounted for vertical or horizontal polarization. Has type N connection. Designed to be mounted to a mast. Comes with mounting hardware. Overall length of around 21". 3 lbs sh. #ASPJ-2996, Unused, \$19.95

Impedance Match



CU-459/AR IMPEDANCE MATCH NETWORK, black plastic bullet-shaped designed to mount to aircraft wing. Holds two AT-624 antenna elements (not available); 50 ohm BNC conn. P/o AN/ARA-31 24-49 FM MHz homing set; 4.3x3.3. 2# . #CU-459, Unused, \$7.00

KY-149/AR KEYSER, couples homing antenna to radio; requires 28 VDC. Has a 28VDC globe 60 RPM gear motor. 2.3x7.7x4.9; 3 lbs
#KY-149-U, Used, \$10;
#KY-149-UN, Unused, \$14.95



Screw Anchor

32" long Screw Anchor from GRC-103 radio system. 2.6" diameter. 5 lbs sh, #ANCH-103, Used, \$10.00

Trailing Wire Antenna

WT-7A Trailing wire antenna weight 4.25" x 2.5" on 12" leader. 5 lbs sh. Used, #WT-7A, \$15.00



Hydrogen Generator



M315B HYDROGEN GENERATOR, used to provide hydrogen for 4' balloon p/o CRT-3 Gibson Girl rescue radio. Has 1200 grs of calcium hydride crystals in long can which, when immersed in water, produces hydrogen gas. (EXTREME CAUTION must be exercised in the performance of this process because hydrogen gas is dangerously flammable and the liquid calcium by-product is very caustic!) Cans are dented; suitable only for recovery of calcium hydride. 11.6"L x 4.3" dia, 4 lbs. #M315B, Unused-dented, \$8.95

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Microphones



600 ohm Uni-Directional Dynamic Microphone. Frequency

response: 50-15,000Hz. Effective output Level: -54dB. 8.5' cord with a gold plated two way plug for 3.5mm or 1/4" phone plug. With on/off slide switch. Mfg by Merry. #DM-35. Unused, \$5.00 ea; 3/\$12.00

Handheld Dynamic Power Microphone. Impedance of 1.2K ohm. Frequency response of 300-6KHz. Coiled cord with a 4 pin female connector. Marked TransVideo but made by Merry #DMC-510, Unused, \$15 each; 3/\$30



500 ohm Omnidirectional Dynamic Desk Top Microphone. Has monitor switch and push-to-talk switch. Frequency response: 200Hz-5KHz. Sensitivity: -76 +/- 4DB at 1KHz Re 1V/ubar. Coiled cord with 4 pin female connector. Mfg by Merry #DMC-529, Unused, \$12.95



GM Delco Microphone for mobile communications; black with PTT switch, coil cord and 5 pin male connector. #GM-DEL-MIC, Unused, \$10.00

GENERAL ELECTRIC MIC from highway patrol vehicles; PTT switch has "C" & "S" positions. Also has amplifier circuit & coil cord w/ DB-9 connector: 2 lbs. sh. Used, #GE-CS-MIC, \$8.



T-45 MIC Carbon type 100 ohm 50 db below 1 mv, flat response with PL-291 two contact male plug, 11" cord. #T-45, Unused, \$5.00

LIP MIC for CW49507 or H-62 headset; 100 ohm, #CW-51071, \$20.00

#M-29B MIC with U-77 plug; for T-195 T-368, etc. USED \$12.00

#M-52 MIC with 5 foot cord & PL-68 plug. UNUSED, \$12.00

#M-80C MIC, unused, \$14

Low-impedance omnidirectional for public address use; 150 to 4000 Hz response. Swivel mount; 5/8" dia 27 threads/inch. Cannon XL-3-11SC connector; 2 lbs sh. Used: #M-43-EV, Electro-Voice, \$8.95



#M-43-UL, University Loud-speaker mfg. \$12.00

#CX-3094 MIC CORD with mating connector for above; 3106-14S-7P 3-pin male on other end. 25 ft Used, \$7.50

TRIPOD MIC STAND for above, Used #MT-596, \$10 ea; 2 / \$16.00



WW-2 CHEST SETS Unused. #H-12, \$7.00; #T-26A, \$7.00; #T-46/TD3, \$7.00

RS-83 Mask type Aircraft Microphone by Telephonics. Mic is Hi-Z (100K ohm) and has a 16.5" cord with a 33" extension cable that has a push to talk switch. #RS-83, Unused, boxed \$15.00



Handsets

H-250 HANDSET w/ push-to-talk button, coil cord & U-229 plug. #H-250-U, Used Checked, \$20. #H-250-UN, Unused, \$35.00 #H-350, Used Checked, \$35.00

H-33/PT HANDSET for GRC-3-8, PRC-10; Has stretch coil cord with U77 plug. #H-33, Used Checked, \$19.95

TS-9* HANDSET, p/o EE-8 field phone; 2 lbs. #TS-9, Used, \$14.95

TS-9 Handset wired like TS-13/15 for use with BC-1000 radio. #TS-9-1000, Used checked, \$25



Handset f/ BC-1000, #H-23 (or =), \$35

H-90 HANDSET, like TS-9 but w/ U-77 plug; #H-90, \$12.00

Beige Standard Handset newer style mfg by ITT, #BEIGE-H, Unused, \$3.25

JEN-20 HANDSET w/ AMPLIFIED receiver for hearing impaired; black or beige. #JEN-20, NEW, \$15.00

Western Electric Handset with 1903 patent date; black painted brass handset with PTT-switch appears to be same as TS-7 handset used with pre-World War-2 EE-5 field phone. 3-wire cloth cord. 4 lb. #D14842, used, \$45.00

Headbands

Hard to find HB-7 Headband for the famous HS-23 and HS-33 headsets. Less connector. 2 lbs sh. #HB-7, Used good condition, \$45.00

Old Military Black Leather Headband. Holds a 1 3/4" receive element. 2 lbs sh. #BLK-BAND, Unused fair condition, \$12.00 each; 2 for \$20.00

Headband by Murdock f/ R-14, #HB-5, \$14.00 each; 2 for \$22.00



Headsets

VRC-12 HEADSETS

H-251 HEADSET w/ vinyl cushions, 24" coil cord; black color. #H-251-U, Used, \$8 #H-251-UN, Unused, \$12 #H-251-A-U, Used, \$10 #H-251-A-UN, Unused, \$15

H-161E HEADSET with 300 ohm boom mic, push -to-talk switch, & CX-8650 Y-coil cord; vinyl cushions. Black. #H-161E, Unused, \$59.50

H-195 HEADSET & BOOM MIC, rubber-covered single 300 ohm phone element, 40 ohm mic & push-to-talk switch. Similar to H-144 except has 10 foot cord with PJO-55 & -68 plugs; 4 lbs sh. #H-195, Unused, \$25.00

WIRELESS HANDS-FREE HEADSET for two-way FM radio communications in high noise environments. Uses throat mic and ear cushions with EPA noise-reduction rating of 23 DB. Operates on 49.86 Mhz; controls for Volume & Squelch, Velcro adjustable head web and mic straps, 6" antenna and fiberglass case. Requires two 9 V batteries; #7800H, New, \$74.50

H-113 600 OHM HEADSET, similar to CW-49507 except O.D. green color with cushions and PL-54 plug on 18" cord; 3 lbs. sh. #H-113, unused, \$7.95; 2 for \$12.

HS-30 HEADSET 250 ohm Impedance light-weight WW-2 era set has cord wired to CD-604 500:4000 ohm matching transformer and PL-54 plug; 3 lbs sh. #HS-30-U, Used, \$9.95 #HS-30-UN, Unused, \$20.00

H-63 HEADSET and BOOM MIC, 600 ohm receive and 100 ohm M51 mic elements; with JJ-055 and 3-pin jacks. 3 lbs. #H-63, Unused, \$14.95

H-264/PRR-9 EAR-PLUG HEADSET, coil cord & 2 mm dia jack; 300 to 2500 Hz response. #H-264, NEW, \$4.00

CTE49214 headphones f/ WW-2 MAB radio; no scull cap, #CTE49214, \$7.50

H-227 HEADSET, with two 300 ohm elements in 4" x 3.5" vinyl cushions, 42" coil cord, and U-77 plug. Used with GRC-3-8, GRC-106 radios. OD-green & black; 2 lbs. #H-227, Used, \$17.95

Plantronics Headsets



Starset Supra Amplified Operators Headset with voice tube by AT&T. Cushioned earpiece with adjustable headband. Comes with clothing clip and plug amp. Brown color. Unused in the original packaging. 2 lbs sh. #KS22990-L1, \$29.50

Plantronics Starset HS0309-1 Operators headset that fits over the ear with six earpieces of various sizes. Has dual connector with 1/4 inch plugs (similar to PL-55) for connection to system. #HS0309-1, Unused, \$30.00

Accessories

GSA-6 CHEST GROUP SA-142 PPT-switch & CX-1077 cable w/ U-77 plug connect H-63 headset to GRC radios. #GSA-6, Used, \$6.00

PHONE PLUGS, #PL-354 red. used, \$4.00 #PL-55 on 30" cord. used, \$2.00 PL-55 on a 5 foot cord. #CX-1201, Unused, \$4.00 PL-68 (or =) Mic plug. #PL-68-U, \$4;

DOUBLE PLUGS, unused: #D178542 (WE289) for headsets, etc. \$3 #2PPC f/ switchboards, \$3.00

JACKS, #JK-33 PHONE JACK to fit PL-68 plug. Used, 2/\$1.00 #JK-34 PHONE JACK to fit PL-55 plug. Used, 2/\$1.00

MIC ELEMENTS, checked: #F-1 for TS-9, \$4.00 #M-51 for H-63, M-29, \$4.00; #M-235 for H-33, \$5.00 #TA-117 for H-60 (TA312), \$5.00;

RECEIVE ELEMENTS, checked: #1227 (or =) for H-33 receive, \$5 ea; TS-9 receive element, CALL #TA-235 for H-60 (TA312), \$5.00 #R-30 receive element for HS-30, \$1.00

SWITCHBOARD CORDS

#PL68-68, black cloth covered cord with early style phenolic PL-68 plugs on each end; 68"L. \$7.50 #G2-SWB-72, grey cloth-covered cord with double 310 plug on each end: 72"L, 2 lbs. \$6.50 #G2-SWB-46, as above but 46"L \$5.50 #500286-104, red with black cloth covered cord with double 310 plugs on each end; 50"L. \$12.00 #500286-106, as above but 75"L. \$14 #500286-110, as above but 118"L. \$16 #500286-115, as above but 178"L. \$18 #500286-120, as above but 240"L. \$19 #WE-338A, dirty light brown dual cloth covered cord w/ double 310 plugs on each end; 17"L. \$8.00 #310-56, grey cloth covered cord with 310 plug on each end; 56"L. \$8.00

EMAIL US YOUR INQUIRIES AT FAIRADIO@FAIRADIO.COM

Headset Cords & Cushions



CD-604 CORD with impedance matching transformer 500 ohm to 4000 ohm; 6" cord & PL-54 plug, P/o HS-30 headset. #CD-604-U, Used, \$2.50 #CD-604-UN, Unused, \$5.00

Same as above except 78", #CD-605-U, Used, \$5.00
Same as above except 78", #CD-605-UN, Unused, \$10

MICROPHONE EXTENSION CORD with PL-68 plug. #CW-49561, Unused, \$15.00

MIC COIL CORD, 1-shielded, 2-wire not; stretches 30"-42". #SH-CC3042, NEW, \$2.50

"EXTRA-STRETCH" PHONE COIL CORD 4 ft to 25 ft extension w/ modular jacks; tan. #T425-MOD, New, \$3.00

"Y" CORD

#CD-620F, molded 16" L legs & 6" cord w/ 2 lugs each end. For HS-30 Headset. \$3.00

HEADSET CUSHIONS

#M-301 4" Chamois cushions for HS-23 or HS-33, \$8pr
#M-300 Inserts for HS-30, Unused, \$2.95 pr

Plugs & Jacks

1/4" Connectors

1/4" STEREO PLUG WITH STRAIN RELIEF, NICKEL. Solder connections. Spring cable guide. #CA022, 2 for \$1.19; 4 for \$1.99



As above except mono, #CA021, 2 / \$0.99; 5 / \$1.99



RIGHT-ANGLE 1/4" STEREO PLUG WITH STRAIN RELIEF, NICKEL. Solder connections. #CA026, 2 for \$1.19; 4 for \$1.99

1/4" Mono Jack with strain relief, Silver plated, Spring cable guide, Solder connections. #CA035, \$0.99; 3 for \$2.19
As above except Stereo. #CA036, \$0.99; 3 for \$2.19



1/4" Mono Panel-Mount Jack, Open Circuit, #CA039, 3 for \$1.00; 7 for \$2.00
As above except Stereo. #CA041, 3 for \$1.10; 6 / \$1.95

1/4" Mono Panel-Mount Jack, Closed Circuit, #CA040, 3 for \$1.00; 7 for \$2.00
As above except Stereo. #CA042, 3 for \$1.10; 6 / \$1.95

1/8" Connectors

1/8" Mono Plug with strain relief, Nickel, Spring cable guide, Solder connections. #CA003, 3 for \$1.00; 7 / \$2



As above except Stereo. #CA004, 3 for \$1.00; 7 for \$2

1/8" Mono Jack, Nickel, Spring cable guide, Solder connections. #CA011, 3 for \$1.29; 7 for \$2.59



As above except Stereo. #CA012, 3 for \$1.29; 7 / \$2.59

1/8" Mono Panel-Mount Jack, Mono / Close circuit, Solder connections, With insert switch, #CA015, 4 for \$1.00; 10 for \$2.00

RCA Connectors



NICKEL-PLATED PHONO RCA PLUG. Spring cable guide. Colored identification ring. Solder connections.

Boot color black, #CA063B, 2 for \$1.19; 5 for \$2.59
Boot color red, #CA063R, 2 for \$1.19; 5 for \$2.59

RCA JACK.
Boot color black, #CA064B, 2 for \$1.29; 5 for \$2.79
Boot color red, #CA064R, 2 for \$1.29; 5 for \$2.79

XLR Connectors



3 Pin XLR Nickel-Plated Long type. Solder connection. New,

3.2" long Jack, #CA096, \$1.89 ea: 2/\$2.99
2.8" long Plug, #CA097, \$1.89 ea: 2/\$2.99

Short Type version of above. New, 2.8" long Jack, #CA092, \$1.89 ea: 2/\$2.99
2.4" long Plug, #CA093, \$1.89 ea: 2/\$2.99

Short type version as above except 4 pin. New, Jack, #CA102, \$1.89 ea: 2/\$2.99
Plug, #CA103, \$1.89 ea: 2/\$2.99



3 Pin XLR Panel-Mount Nickel Plated Jack. New, Jack, #CA104, \$1.89 ea: 2/\$2.99
Plug, #CA105, \$1.89 ea: 2/\$2.99

As above except 4 pin. New, Jack, #CA108, \$1.89 ea: 2/\$2.99
Plug, #CA109, \$1.89 ea: 2/\$2.99

Toilet Seats

Phone jack spring covers for WW2 Navy sets. Also useable on BC-1000, BC-659, BC-620 and others, but not exactly right. The hinge assembly is not the same. Unused, #CMX-23429. \$5.00 each. 10/\$40.00



Other toilet seats available similar to above. Black wrinkle phone jack cover. #PJ-TS1, Unused, \$3.00 each

Olive Drab phone jack cover. #PJ-TS2, Unused, \$2.50 each

Oliver Drab phone jack cover marked "Phone". #PJ-TS3, Unused, \$2.60 each

ART-13 Parts



ART-13 CRYSTAL CALIBRATOR, provides 50 KHz fundamental using 200 KHz crystal. Also 1000 Hz tone for MCW. Tubes 2/12SL7, 12SA7; 6x5x3, 4 lbs sh. #XCAL-ART-13, Used, \$30.00

ART-13 PA Plate meter. #PMTR-ART-13, Used, \$20.

ART-13 Antenna Current meter, no transformer, #AMTR-ART-13, Used, \$20.00

Male connector fits DY-17, #U9, \$35.00

Female connector fits ART-13 power, #U7, \$50.00

Female connector for C-87 control box, #U6, \$25.00

Male control connector for ART-13, #U8, \$25.00

Knobs for ART-13

Antenna loading 0-100, 200-100 #KN1-ART-13, \$10.

Antenna tuning coarse Triangles marked 1-13 ccw. #KN2-ART-13, \$7.50

Antenna tuning fine 100-0, #KN3-ART-13, \$10.00

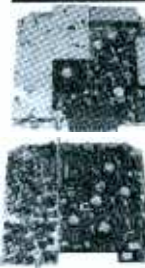
High Frequency tuning Triangles 2 - 18 mhz, #KN4-ART-13, \$7.50

High Frequency tuning fine 0-99 over 360 degrees. #KN5-ART-13, \$10.00

Small indexing dial from High Frequency tuning and also used on some of the plug-ins. #D-ART-13, Unused, \$4.00

T-bar locking bar for ART-13 tuning knobs. #T-ART-13, \$4.00

ARC-187 Cards



ARC-187 Receiver RF/Modulator circuit cards removed from ARC187 for some TCTO. These two circuit boards were the heart of the transceiver. No schematics or hookup info. Mostly discrete components with some surface mount. More pictures at www.fairradio.com/arc187.htm
Each board is 4.5x4.2x0.8, 2 lbs sh. #CB-ARC-187, Used good condition, \$20. both circuit cards.

RF Amp. / Preselector

Harris RF301/GRC-165 2-15 Mhz RF Amplifier/Preselector section contains V1 6DC6, V2 12BY7 which provide tuned grid-tuned plate amplification for the RF receive amplifier and the transmit driver. Band switch does not have detents, 14 1 mhz bands. 1/1ERC 6025 and 1/1ERC 5020. Power required 200 VDC, -36 Vdc and 6.3 vac. An excellent basis for QRP set or experimentation. 6.3x6.5x6.7, 5 lbs sh. With schematic and info. #RFA-165, \$19.95; 2 for \$35



5 MHz Standard



FREQUENCY STANDARD MODULE from R-1051* and RT-618* radios; useable as replacement or adapt to other need where standard is required. Crystal oven with 5 MHz crystal provides 5 MHz sinewave output (approx 1.8V) plus possible non-sine outputs dual 500 KHz, 1

& 10 MHz. Designed stability: 1 part in 10 / day. Requires 18-24 VDC input. 4.4x3x4.5, 2 lbs. used crystal only is checked, other outputs may need repair, #6625-078-4718, \$20.00 w/ schematic

455 KHz BFO

PERMEABILITY-TUNED 455 KHz BFO COIL from R-392 receiver. Originally used with 5-55 pf variable capacitor but fixed cap may be substituted. Oscillation without parallel capacitor: 452-480 KHz. Good basis for BFO for any receiver with 450-465 KHz IF; w/ schematic. 3.3"Lx 1.5" dia, 1 lb. #BFO-T602/R392, USED, \$14.95



RF Exciter



RF EXCITER MODULE from 1980's HF transceiver; mixes 500 KHz USB signal with synthesized frequency

to produce and amplify modulated RF. Synthesizer (not available) supplied 74.5/75.5 (LSB/USB) and 77-105 Mhz depending on desired output frequency; RF output is low level. Requires +5, +12, -12, +28 VDC; with pinout. 1x7.8 x3.3, 2 lbs. #RF-EXC-1512, unused, no info, \$25.

RF-550 Modules

Harris RF-550 HF receiver & RF-131 exciter modules; 4.1x2.1 x5.9, 2 lbs sh. USED, not tested:

#A2A8/RF550 High Band Phase Lock Loop. \$33.00

#A2A14/RF550 Low Band Phase Lock Loop, \$32.95
SCHEMATIC packets, #SCH-(specify #), \$7.50 ea w/module purchase.



PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

Velleman Electronic Kits

Kits require insertion and soldering of components! Pictures are shown after assembly.



UNIVERSAL MONO PRE-AMPLIFIER. This kit has been developed as pre-amp for a number of audio applications where there is insufficient input signal. Applications as a microphone pre-amplifier or

for level correction. Power supply: 10-30VDC / 10mA. Output impedance: 1Kohm. Adjustable output level: max. 40dB. Frequency range : 20Hz to 20KHz \pm 3dB. Max. input signal : 40mV. PCB dimensions: 1.2" x 1.7". #K1803, \$9.30

UNIVERSAL STEREO PRE-AMPLIFIER. Frequency range 40Hz - 30kHz (-3dB). Maximum input voltage 50mVrms. Adjustable gain 40dB max. Output impedance 1Kohm. Requires 10-30V DC / 5mA. PCB dimensions 1.7" x 2.6". #K2572, \$17.99
Recommended Power Supply Kit, #K1823, \$12.99



AM/FM ANTENNA AMPLIFIER. This amplifier provides 22dB gain wherever you need it. DC power supply directly or via the coax cable. Metal housing included. Gain: 22dB. Power supply: 12V to 15V / 3mA. Input and output impedance: 50 - 75ohm. Frequency range : 10MHz to 150MHz. Note: It is important to put the amplifier as close as possible to the antenna. 3.4" x 1.4" x 0.9". #K2622, \$17.99

7W MONO AUDIO AMPLIFIER. This small amplifier is constructed around the TDA2003 IC, capable of delivering 4Wrms at 4ohms. The IC is completely thermally and short-circuit protected. A conventional direct current can be connected as supply. Music power output : 7W / 4ohm. RMS output: 3.5W / 4ohm or 2W / 8ohm. Total harmonic distortion: 0.05% (1W / 1KHz). Frequency response: 20Hz to 20KHz (\pm 3dB). Signal/noise ratio : 86dB (A weighted). Input sensitivity: 40mV / 150Kohm. Overload and short-circuit protected. Supply voltage: 15VDC (8 to 18VDC possible) / 0.5A. 2.2" x 1.4". #K4001, \$13.50



2 X 30W AUDIO POWER AMPLIFIER. This small amplifier is constructed with the TDA1521 IC, with a maximum supply capability of 2 x 15Wrms (4ohm) or 2 x 10Wrms (8ohm). The IC is thermally and short-circuit protected. Additional

rectifier and smoothing filter are unnecessary, as alternating current can be directly connected to the unit. See our website for further specifications. 2.8" x 2.0". #K4003, \$31.90

TELEPHONE AMPLIFIER. This telephone amplifier may be used as a free-standing amplifier with speaker, e.g. to listen to a telephone conversation, or the output may be connected to an amplifier or mixing panel (e.g. radio stations). Input - isolation transformer interface. Speaker output 0.5W / 8ohm. Line output 0dB (0.775Vrms). Requires 7 - 9V AC or 9 - 12V DC / 150mA. PCB dimensions : 2.5" x 2.1". #K4900, \$15.90
Recommended housing, #G416, \$7.99



SIGNAL TRACER/INJECTOR. This signal tracer/injector has been designed to inject or detect a specific signal into an audio circuit in need of repair (such as amplifiers, radios, tone controls, ...) so as to detect the fault. In this way problems can be traced more easily. The signal tracer may also be used as a simple monitor or amplifier. Independent injector/tracer. Injector - 0-2.5Vrms output (adjustable), output impedance: 1.5Kohm, frequency: \pm 1KHz. Tracer - 3.5mV to 10Vrms sensitivity (adjustable), gain: 40dB, input impedance: 50Kohm. Output power: 0.5W / 8ohm. Power supply: 7-9VAC or 9-12VDC / 150mA. PCB dimensions: 2.4"x2.1". #K7000, \$17.70

VOLTAGE DETECTOR This device locates house wiring within walls and traces wire to find a break. A flashing LED indicates when voltage is present. The flashing speed indicates how close the wire is, approx 3.9 Inchs maximum. For audio indication you can add buzzer SV4/12-S. 9V battery (not included). 2.2"x2.5". #K7101, \$10.50
Recommended housing, #G407, \$5.50



DC TO PULSE WIDTH MODULATOR for control for DC motors, lighting, small heaters. Pulse width modulation (PWM) produces a series of pulses whose duration is proportional to a DC voltage. This allows for very efficient control of DC motors and other DC operated devices. Overload and short circuit protected. Input voltage 8 - 35 VDC output current 6.5A. Dimensions: 3.4"x1.9"x1.8". #K8004, \$22.95

MULTIFUNCTION RELAY SWITCH. 15 functions including timers, switching, flashing, interval, random switching, ... Two pre-programmed delays. Learning mode for delays of 2s up to 12 days. Pushbutton control. EEPROM for delay time storage in case of power failure. On-board transient filter for the relay contacts. Suitable for control of incandescent lighting, halogen lighting, fluorescent lighting, fans, valves, buzzers, ... Requires 9-12VAC or 12VDC. Max. load : 2.5A (275W / 110V). 3.4"x1.5"x1.0". #K8015, \$25.90
Recommended housing, #G410, \$5.99



10-CHANNEL, 2-WIRE REMOTE CONTROL. Control 10 devices using only 2 wires up to 55 yards apart. Microprocessor controlled. Inputs can be push-buttons, switches or open collector outputs. The receiver section provides 10 open collector outputs that control relays directly. Terminal block connectors for all input and output connections. All outputs are provided with LED indication. Can be used with: K6711, K8000RS, K8006, or relay cards: K6714, K6714-16. 10 open collector outputs : 50V / 100mA. Requires single 12-15V AC or DC, 300mA. Dimensions: control pcb : 2.7" x 2.0" x 0.6"; receiver pcb: 4"x2"x1". #K8023, \$39.95

3 WATT MONO AMPLIFIER. Small but powerful amplifier suits a wide range of applications such as: microphone amp, for doorbells, intercom, sound effects, earphones, radio receivers, PC sound card, musical instrument, etc.. 3 Watt RMS. Freq range: 50Hz - 20KHz. Gain: 32dB (40X). Short circuit & thermal protection. Requires 6 - 15VDC. Current consumption 500ma max. 1.6"x1.9". #K8066, \$14.90

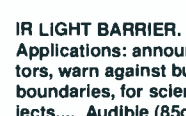


SIGNAL GENERATOR. Signal output: sine wave, triangle, square wave and integrator (selectable through jumper). Signal frequency: about 1KHz (fixed). Output level: adjustable from 0 to 100mVrms (LEVEL potentiometer). Requires 9V battery (not incl.). 2.2"x1.6". #MK105, New, \$5.95

WATER ALARM. Gives alarm sound when water is detected. Incorporated alarm buzzer. Water sensor can be placed at a distance by cutting the board and using wires to connect the sensor. Requires 9V battery (not incl.). 1.8"x2.8". #MK108, \$4.95



INTERVAL TIMER. For intermittent operation of circuits and equipment. Blinking light, video/photo single frame shooting, slide projector control, miniature models. 3A/24V output relay with dry switch-over contact. Pulse time adjustable: between 0.5 and 5 sec. Pause time adjustable: between 2.5 and 60 sec. Power supply: 12Vdc / 100mA. 1.6"x3.4". #MK111, \$5.30



IR LIGHT BARRIER. Applications: announce visitors, warn against burglars, set boundaries, for science projects, ... Audible (85dB) and visible (LED) alert. Range 3.3ft to 13ft. On/off switch provided. Requires - Transmitter: 9V DC / 50mA max; Receiver: 9V DC / 20mA max. 9V battery holder and adapter jack included. Transmitter: 2.2" x 1.6". Receiver : 3.9" x 2.0". Not for outdoor use. #MK120, \$8.30



RUNNING MICROBUG. Attractive bright colored bug-shaped miniature robot. The microbug is always hungry for light, it drives towards it! Two open chassis sub-miniature motors. Adjustable light-sensitivity suits almost any light condition and allows to control its 'bug-like' behavior. LED 'eyes' indicate driving direction. Stops in total darkness. Requires 2 x 1.5V AAA batteries (not incl.). 4.0" x 2.4". #MK127, \$10.50

QUIZ TABLE. Up to four players can compete. LED indicates first button pushed. Quizmaster 'RESET' button with 'button pushed'-indication. Two units can be daisy-chained for eight-player-fun! With on-off switch. Requires 9V battery (not included). 4.3" x 3.1" x 1.1". #MK133, \$9.99



CLAP ON/OFF SWITCH, Operate your lighting with a simple hand-clap. Ideal for disabled or elderly people. Good immunity against surrounding noises. '1-clap' or '2-clap'-mode selection. '2-clap'-mode features built-in safety turn-off timer (5h approx.). Output relay 'pulse' or 'toggle' selection. Microprocessor controlled. Output relay with LED-indicator. Requires 12V DC / 150mA. With DC adapter socket. 3.1" x 2.9" x 0.9". #MK139, New, \$17.99

DUAL SUPER BRIGHT FLASHING RED LIGHTS. Two super bright red LEDs. Powerful flash effect for emergencies, warning signs, as eye-catcher, 'alarm-active' - simulation, etc. 'Auto turn-on at dark' - mode with adjustable sensitivity. On/off switch. Requires 9V battery (not included) (12V possible). 2.2"x1.3"x1.6". #MK148, \$7.95



MANY MORE KITS AVAILABLE AT fairradio.com/kits.htm

ARC-5 Parts

SCR-274/ARC-5 COMMAND SET replacement parts:
 #7277 6-9.1 MC 1st IF, \$5.00
 #7279 " " 3rd IF, \$5.00
 #5856 " " oscillator \$5.00
 #7249 5.3-7 MC BC-458/T-21 xmitter PA coil, used \$6

Infrared Device



INFRARED RECEIVER/DEMULATOR as used in televisions and VCRs for remote control; has infrared detector and an IC for signal processing. Requires 5 VDC;

0.7x0.6x0.6, 1 lb sh.
 #IFRD-TV, Unused, \$1.95 each; 7 for \$10.00

Cavities

Western Electric 1012A 475 - 525 Mhz cavity. Two type N connectors. 11.5x6.2x6.1, 10 lbs sh. #CAV1012A, Used good condition, \$49.50



220 Mhz Celwave cavity tunes approximately from 190 - 240 Mhz. Type N connector. 21" long x 6.1" diameter. 9 lbs sh. #CPX220-12, Used good condition, \$85.00

135 MHz Tunable Cavity

118 - 135 Mhz Tunable Cavity. This is a large three section cavity for use in the range 118 to 135 MHz. No specifications available. Those of you who know about cavities could probably modify it for other frequency ranges. This unit has stepper motor and encoder on each section. Bodine Hysync DC Stepping Motor 23X1BEHD Caltech Corp Bit encoder 8 bit Absolute 33X121. No info on circuit to use these motors, but you can manually tune the cavities or design your own control circuits. 8.3x26.5x42.9, 70 lbs sh.
 #TC-135, Used excellent condition, \$100.00

900-1100 MHz Cavity

TRANSMITTER TRIPLER / PRESELECTOR CAVITY MODULE from TACAN system in 900-1100 MHz range. Consists of preselector and four silver-plated cavities originally gang-tuned using ball-chain drive (not available) 10x7.5x2, 7 lbs sh. #4-CAV-93, used, \$49.50



Triplexer



TRIPLEXER from cellular application by Fuji Electrochemical Co. #EF-T02, Frequencies are as follows - Transmit: 835MHz, Receive: 880MHz, Lo: 784.36MHz. Has female push-on SMA connections for Transmit, Receive, and Lo and a female TNC connection for Antenna. Cast aluminum housing with a removable cover. o/a 4.3x1.5x0.8, 2 lbs sh. Appears to be unused, #EF-T02, \$4.00

850-895 MHz Modules

Modules from digital air to ground phone system. Receive frequency was approx 850 MHz and transmit 895 MHz. Removed from equipment-Excellent:



DITCOM MICROWAVE DF-2575 CIRCULATOR for 850-895 Mhz; 500 watts CW max, 3 KW peak. Isolation 20 DB min; insertion loss 0.3 db max. VSWR 1.25:1. Two SMA, one N conn; 1.4x1.7x1.3, 1 lb. #DF-2575, \$15.00

FERROCOM 9K15-S CIRCULATOR, 840-900 MHz; T-shape SMA-N-SMA conn. No further info; 1.9x1.9x1. #9K15-S, \$14.95

MILCOM 2-WAY COMBINER for 800 MHz, 2- SMA female & 1- male connections; 1.8x2.8x2, 2 lbs. #240-089, \$19.95



800-900 MHz Modules

MODULES & COMPONENTS from airline phone system operating in the 800 to 900 MHz range:



#IFPC COMMON module has two receiver input and two transmitter output sections. Has parts two each Motorola filter 0850E05140 and 0895E05141, M/A- COM 7N526-6016 circulator in one section. Also 47.5 MHz local oscillator, 5 MHz piezo osc and IC's N80C169KB 16 MHz CPU, 27C256-20 32Kx8 EPROM, 3/84256-10L 256Kx4 RAM & related IC's. Requires +28, +12, -12 V; 11x6.5x3.2, 7 lbs sh. #IFPC, \$20.00

#IFPC-T/R MODULE, stripline receiver RF/IF and low power xmitter boards plus oscillator/AGC board each in separate cavities. Components S80C652-1 MPU, 2/84256A-10 RAM, 27C256JL EPROM, two Sony 20102A D/A CONV, etc. Requires +12, -12 +5 VDC; 11x6.5x1.5, 5 lb. #IFPC-T/R, \$15.00

#AFF-PS MODULE, powered both above modules; has switching supplies Calex #24S12 (24 VDC in to 12 VDC 1.7 A out) and #12S5 (12 VDC in to 5 V 400 MA out); two RO Assoc 220-400 VDC input uVERTERS with one 28 VDC 10 A out and other 12 VDC 10 A out; and Vicor DC-DC Converter 250 VDC 35 W in to 5 VDC 25 W out. Also flat heatsinks, capacitors, etc. 11x6.5x3.3, 7 lb. #AFF-PS, \$10.00

8-12 GHz Oscillator Assy

8-12 Ghz Oscillator assembly from some Gigatronics device. Federal Stock Number is 6625-01-191-1980. The assembly consists of an Avantek YO85-2218 8 - 12.4 Ghz oscillator and a Virtech VX-8012 Circulator or Filter??? 4 lbs sh. #101CA15400, Unused, \$200.



Wavemeters



p/o AM-1956/ GRC-50 Rx/Tx 1350.5-1849.5 MHz FM oscillators; cal book for tuning CHN #, MAIN TUNE, OUT FREQ, & REC OSC. BNC connections; 3x3x9, 5 lbs sh. #WAVE-1956, Used, \$17.95

1700-2600 MHz WAVEMETER. 20-turn vernier tunes in increments of 1. BNC connections; 1N21 diode output. On 3.5"W bracket; o/a 4.8"Hx2", 2 lbs sh. #SMD-302123, used, \$24.95

Bird Power Monitor

BIRD 4162D RF POWER MONITOR, rated 220-405 MHz 40 W. Measures incident and reflected power; VSWR 1.1:1 max. Usable over 145-500 MHz. Output 100 ua @ 5K ohm. RF connectors; output C, input BNC. DB-9 for DC outputs. 1.8x4x1, 1 lb sh. #4162D, NEW, \$19.95



SWR Indicator Circuit



STANDING-WAVE RATIO INDICATOR CIRCUIT, assemble a SWR meter using this 1.8" square 0-10 scale (FS=2 ma) meter

with filters, rectifiers & modified Schering bridge. One pair of bridge arms is resistive, the other capacitive. Circuit is balanced when antenna is tuned to 52 ohms resistive resulting in "0" reading on meter. Bridge: 2.5x 2.3x1, 2 lbs sh. #M701/CU-991, Used, w/info, \$8.95

SWR / Discriminator pull out from AM-3349/GRC-106 Amplifier which covers 2-30 MHz at 200 Watt AM and 400 Watt PEP. Has two R/A mini BNC connections and a 15 pin DB connector with 15 pin mating connector. 3.2x2.6x2.2, 2 lb. w/ schematic. #SWR-3349, \$10.00



SWR BOARD for HyGain radio; no further info. #PTSR006AOX, \$1.00

QRP Circuit Boards

SHORT-WAVE CW EXCITER/ TRANSMITTER by Ryan Communications; tiny 2"x4" high quality circuit boards cover active segments of ham radio low band frequencies @ 1.25 W CCS from 12 VDC power input into 50 ohms resistive. Output increases from 0.75 W-2.5 W as input varied from 10-16 VDC. RF Harmonics > 30 DB. Has 2N3019 power amp transistor and double Pi-net. Provision for HC-6 -33 xtal; norm-open contact-closure required for output. #SW-2, 1.8-2.0 MHz, \$32; #SW-4, 3.5-4 MHz, \$26; #SW-7, 7-7.5 MHz, \$22; #SW-10, 10-10.6MHz, \$22; #SW-14, 14-14.7MHz, \$22; #SW-18, 18-18.9MHz, \$25; #SW-21, 21-21.9MHz, \$29



Noise Activated Switch



NOISE-ACTIVATED SWITCH with sensitivity adjust and mic; 6 VDC input, 2"x2". #54-91, \$1.25 ea

S-Line Mechanical Filter

Circuit Board with #526-9310-009 mechanical filter model F455Q3. This "Y" style filter will fit S-Line equipment. 100K ohm in/out impedance. 3.5dB bw is 18kc, 70dB bw is 70kc. IF frequency of the filter is 455KHz. The circuit board also has two 5636 sub-mini tubes and various resistors and capacitors. No further info on circuit board. 3.9x3.5x0.8, 2 lbs sh. #CB-MECH, Used, \$15.00 each



Directional Coupler



Rockwell Directional Coupler for the AN/GRC-171B 20 watt, 200-400 MHz transceiver. SMA connector for RF input. RF output uses BNC connector. NOS# 5985-00-588-5285, 4.8 x 1.3 x 1.3, 1 lbs sh. #ROCK-DIR, \$25.00

225-400 MHz DIRECTIONAL POWER DETECTOR used in AM-6155 UHF power amplifier. Rated 65 watts forward; 15 watts reversed. Forward/ reversed DC output proportional to output/mismatch; sub-mini connectors provided. "N" RF connections; 4.5x1x1.3, 1#. Coaxial Dynamics #3023, Used, \$18.00



MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

VHF Doubler Module



A9 5820-00-411-1472 VHF DOUBLER BUFFER MODULE 116 - 150 MHz Circuit consists of doubler, buffer and level/gain control. transistors are 2N4072 doubler, 2N5109 buffer, 2N2222 gain control amp. Power required +20 VDC. W/schematic. 6.75 x 3.75 x 1.5 overall 2 lbs sh. #Dou21-1472, \$12.95

TRANSISTORIZED CRYSTAL OSCILLATOR and BUFFER, 56 to 99 Mhz with 75 °C temperature controlled oven. Requires 5th overtone HC-6 (20 pf) crystal (not supplied). Has external oscillator input plus tuning meter & oven output. Requires 12-18 VDC regulated for oscillator; 22-39 VDC 1 amp for heater. W/BNC and SMA RF connections; DEC-9P plug for power. Part of GRT-21/22 xmitters. 6.5x2x3.3, 3 lbs sh. #OSC-8004290G1, used with Schematic, \$9.95



Carrier Monitor



Unit is used for remote check of xmitter operation. Good parts including 600 VDC 35 ma transformer; tubes 0A2, 6AL5, 6J6, 6X4; 600:600 ohm AF xformer, DPDT & SPST toggle switches two 49 pf trimmer caps, etc. LESS 3 pf 15 KV vacuum caps 6x8.5x6.3, 12 lbs. #CAR-MON-87, unused, \$7.00 As above but w/ vacuum caps, #CAR-MON/VC, \$15

Cubic R3030 IF Section

FIRST IF SECTION CUBIC FRONT END CONVERTER AMPLIFIER FROM CUBIC R3030 HF RECEIVER.



This module was the first gain and first conversion module in this premium receiver. First conversion used LO 40.455 - 70.455 Mhz, and second conversion used fixed LO of 40.455 Mhz to produce the IF output of 455 KHz. These oscillator signals came from another module which is not available. This module has the factory seals on it and is in excellent condition. 4.2x8.1x1, 3 lbs sh. #2140-1102, \$70.00

GPS Board



ROCKWELL SINGLE BOARD GPS. This very small board is a self contained

GPS Receiver Rockwell "Jupiter" GPS Receiver. Operates from 5 VDC with either an active or passive GPS antenna. 10KHZ output. NMEA output. There is a lot of info on the internet as well as data on part number TU30-D140. Removed from equipment. 2 lbs sh., #GPSTU30-D140, \$69.50 For further information go to: www.gpskit.nl/documents/rockwell/jupiter-gps-board.pdf

Discriminator

PHASE & LOAD DISCRIMINATOR determines if load is <, >, or = to 52 ohms; also if R, C, or L. 3rd output relative to antenna current; withschematic. 2x3 x3, 2 lbs. #T201/180L, \$9.00



Collins Modules

Speech Processing Modulator for the SSB ARC-38A transceiver with two each F250Z4 Collins mechanical filters 926-9130-921. Center freq 251.8khz. Contains microphone amplifier and speech clipper circuits, balanced modulator for USB operation. With tubes 5896, 6021, 2/5840, & 6112. 3 lbs sh. #SPM-ARC38, Used, \$34.95

1 Mhz James Knights Modulator Crystal Oscillator plug in module. Output drives locked divider tubes to produce 500khz, 250khz, 100khz. Crystal oscillator module requires 28 VDC. 250 VDC and filament voltages also required for divider circuits. With tubes 5/6021, & 5636. With schematic. 3 lbs sh. #MCO-ARC38, Used, \$19.95

Collins 250 KHz IF assembly from ARC-38 transceiver. Has mechanical filters. F250A65 and F250Z4. Two 250Khz IF transformers. Tubes 5814, 3/5749, 5726. 3 lbs sh. #IF-ARC38, Used, \$29.95

250Khz Crystal Oscillator w/oven. 2/5749 tubes. #CO-250, Used, \$8.95



500Khz Crystal oscillator w/oven. With tubes 5654 & 5814. #CO-500, Used, 14.95



618S 250Khz IF Amplifier F250A67 250 khz mechanical filter 2/5726, 3/5749 3 lbs sh. #IFA-618S, Used, \$16.00

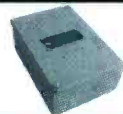
BC-746 Tuning Units

BC-746 Tuning Units for the POGO STICK radio BC-745 / SCR-511 radio. We have the following:



Channel 2, 3825kc no crystal #746-2-NC, \$10
Channel 4, 4845kc unused w/ crystal #746-4-WC,\$20
Channel 9, 3655kc used w/ crystal #746-9-WC,\$16
Channel 11, 4780kc no crystal #746-11-NC, \$10
Channel 12, 5030kc no crystal #746-12-NC, \$10
Channel 13, 5700kc no crystal #746-13-NC, \$10

BC-347 Interphone Amp.



BC-347 Interphone Amplifier, Part of RC-34, RC-35 or RC-36. Power required 14 VDC & 150-250 VDC. 5.8x3.9x2.4, 4 lbs sh. #BC-347, Unused, \$14.95

Amplifier Converter

AM-6879 Amplifier Converter. 6.1x10.5x6.7, 16 lbs sh. #AM-6879, Used good condition not tested, \$500.00



Control Boxes



J-4024 INTERCONNECTION BOX, The J-4024/U is the interface between the TSEC/KG-84A and teletypewriter sets in GRC-106 communications shelters. Controls for transmitter 1 or 2, Receiver 1 or 2, power. Connections for teletypes and red transmitter/receiver, DLED.

15x8.1x8.1, 32 lbs sh., #J-4024, Used, \$39.95

C-7827/VCC Terminal Set Control allows switching for simplex, single channel duplex, or multichannel duplex of VCC or MRC-110/PRC-25/77. 4.7x10.5x2.7, 8 lbs sh. #C-7827, Used, \$35.00



Control Boxes



C-375 Control box for radio sets GRC-3--8 or VRC-8--10. Unit is a remote junction point and switching unit for the control and audio lines to two sets. 3.2 x 6.8 x 7, 6lb, #C-375, Unused, \$22.00

VRC Control Box - similar to C-2298. 3.5x6x4.5, 5 lbs. #C-10456, Used, \$35.00



C-2742 VRC Remote Control Box works with the RT-246. 3.3x6x4, 4 lbs. #C-2742, Used, \$25.00

LOCAL CONTROL p/o GRA-6, #C-434, Used, \$29. CONTROL for duplex GRC-3--8; #C-435, Used, \$19

C-87/ART-13 Control Box for ART-13 transmitter. Has 11-position CHANNEL selector, OFF-VOICE-CW-MCW select, PTT button and IC jack. 3.5x6.3 x3.3, 3 lbs. #C-87, UNUSED, \$30.00



SB-327/ARC CHANNEL SELECTOR 24-51.9 MHz FM in 100 KHz steps on 3-digit counter; used with RT-294/ARC-44 Tx-Rx. 3x5.8 x4.5, 3 lbs sh. #SB-327, used, \$30.00



SWITCH BOX, #SA-474, \$10.00

BC-631 Remote Control Box for the SCR-522 radio set. #BC-631, Unused, \$10.00



BC-1366 JACK BOX, switch "Comp-Laison-Command-Inter-Call", Increase Output pot, 2 phone jacks. 3.3x4.8x3, 2 lb, #BC-1366, Used, \$9.95



RM-52 REMOTE CONTROL for radio and intercom set. Has transformer, mic & phone jacks. Source for "Macy's Phone Patch" project. 7.3x3.5x5, 5 lbs. #RM-52, Used, \$4.



ARB Operators Control Box for use with the WW2 ARB receiver. 5.7x4.2x3, 4 lbs sh., #CRV-23256, Unused, \$35.00



C-2299 VRC radio control box for VRC-12 (RT-246 or RT-524) radio system, #C-2299, Unused, \$50.



C-11291 Control for Sincgars Radio PRC-119. 4.6x5.9x4, 5 lbs sh. #C-11291, Used, \$49.50



GRA-39 Control

C-2329 Local Control from the GRA-39 control group. Has a mic amplifier gain of 55 db and a microphone preamplifier output of 5 mw. 8.8x8.9x4, 12 lbs sh. #C-2329, Used, \$59.50



C-2328/GRA-39 Control Front Panel with electronic components only. #FP-C-2328, Unused, \$85.00



Handset, #H-250, used checked, \$20.00

GRA-39 Manual Repro, #MM-GRA-39, \$15.00

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Hardware

HARDWARE ASSORTMENT of washers, screws, nuts, rivets, terminals; 2 lbs sh. #HWA-2, \$2.00



DUAL BINDING POST RED/BLACK. For standard banana plugs. Distance between connectors is 0.79". Drill hole is 0.15" (x2), 1.5" x 1.3".

#CM14R, New, \$1.39; 3 for \$3.69

As above but gold plated contacts. #CM15R, \$1.99; 2 for \$3.79

BINDING POST for Banana plug.

Length is 1.7". Drill hole is 0.3".

Black color, New,

#CM3B, 2 for \$0.99; 5 for \$1.99



BANANA PLUG SCREW CONNECTION. Solder connections. Length is 1.7". New.

Black color, #CM9B, 5 for \$1.00; 10 for \$1.79

Red color, #CM9R, 5 for \$1.00; 10 for \$1.79

As above but gold plated.

Black color, #CM10B, 3 for \$1.09; 6 for \$1.89

Red color, #CM10R, 3 for \$1.09; 6 for \$1.89

HEX SPACERS

male-female thread or female-female (f-f) :
#HEX-(thread)-(length)

Length	per 20	per 100
4-40 threads 1/4" dia metal		
1.375	\$5.50	\$17.00
6-32 threads 1/4" dia metal		
0.375	\$3.00	\$10.00
0.625	\$3.50	\$12.00
0.75	\$3.75	\$12.50
1.5 (f-f)	\$4.25	\$14.50
1/4"-28 threads 7/8" dia:		
2.87	4/\$3.50	20/\$14

TERMINAL STRIP with 28 silver-plated 0.8"Hx0.4" dia spring push-down binding posts on 15.3x3.9 x0.4" thick black phenolic board. Phenolic may have minor chips; 4 lbs sh. #TM-184-PT, Used, \$20

Older version of above with 0.6" dia white-brass screw-down terminals, #TM-184-ST, used, \$22.00

AUGAT single 8-terminal PC mount: 2"Lx0.6"W: #4PCV-08, 10/\$7.50

VARIABLE TERMINAL STRIPS, pairs removable to decrease or increase length.

#GE-V12-TERM, 12 terminal pair 1.3Hx8.3Lx2"W, \$2.50
#BUC-V8-TERM, 8 terminal pairs 0.4"Hx3.5"Lx0.8"W, \$2

SHOCK MOUNTS you bolt to equipment.



STYLES: A B C

#SM-4A, 4 #, \$4.5	#SM-6A, 6#, \$5.0
-9A, 9#, \$6.0	-12A, 12#, \$7.5
-12B, 12# \$8.5	-15B, 15#, \$1.00
	-50C, 50# \$1.50

Morse Code Training CD



Morse Code Trainer CODE QUICK - THE FASTEST WAY TO LEARN MORSE CODE! AUDIO CD BUNDLE. Our technician here at Fair Radio, Gary Clements, insisted we carry this product. He said, "After only 2 weeks with this CD bundle I have passed my Element 1 Test and I am receiving code at over 6 WPM. This is an incredible technique that I highly recommend!" Six audio cd package with 60 page textbook and humorous cartoon cards bundled together with Code Quick 2000 Software for Windows 95/98/ME or NT/2000/XP. 2 lbs sh. #CODE-CD, New, \$68.00

As above except cassette tape bundle. #CODE-TP, New, \$63.95

Regen. Receivers Books

Secrets of Homebuilt Regenerative Receivers, Learn about crystal sets, grid-leak Audion detectors, and why the regenerative detector performs so well. You'll learn about feedback techniques, coil winding techniques, choosing and modifying capacitors, keeping RF out of the AF stages, problems with hand capacity, and much more. Has schematics for double twin-triode receiver, the pentode-triode receiver, the double regenerative, a field-effect version of the famous Doerle and more. 126 pgs, #BK-HOME, \$9.95



How to Build the Twinplex Regenerative Receiver, Shows 3 different receiver projects. Build your own regenerative receiver using twin triodes or even a 3 transistor circuit. Sensitive and stable. Use old tube bases for coil forms. Build as a old time replica or with fet's and transistors. Schematics and chassis instructions. 63 pgs, #BK-TWIN, \$7.95



VACUUM TUBE REGENERATIVE RECEIVER. Build your first regenerative receiver. You'll see where the parts come from, how they're chosen, and how they're made to work together. This will be a real working receiver that was built from salvaged material on hand. Tube regen receivers are easy-to-build and very low-cost. 128 pp. Includes directions & schematics. #BK-REGEN, \$9.95



Military Speakers / Amps

4" Speaker, ruggedized 8 ohm 2w perm. magnet type; 300-7khz resp. p/o of LS-166; 3 lbs. #LS-445, Used \$7.95



AM-6747/V Amplified Speaker for monitoring audio of R-442, RT-246/524 radios from remote location. Connection for H-189 or H-250 handset to allow remote keying of transmitter. Requires 28 VDC; can be modified for 12 VDC. Similar to AM4979; 5.6x5x3 + 2" top bolt; 6 lbs. #AM-6747, Unused, \$45.

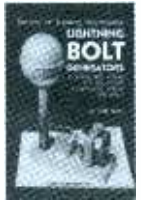
AM-4979/GRC, similar to AM-6747 but has 6 ft cord with U-229 plug. #AM-4979, Used need work, \$15.00

Various Books



THORDARDSON TRANSFORMER MANUAL. Great for transformer reference, tube amp schematics and tube radio repair secrets. Full of info on schematics, parts lists, performance specs, etc on big push-pull audio amplifiers, modulators, microphone preamps, power supplies and almost any type of electronic gear that used transformers and chokes. 144 pp; #BK-THOR, \$11.95

Secrets of Building Lightning Bolt Generators - Walt Noon will explain the experiments he has run, the problems, the solutions, how to build low cost generators from parts on hand. In addition, build simple static machines, van de Graff generator, dirod generator, Pogeendorff corona motor and much more. 91 pp #BK-SCRT, \$8.95



MANUFACTURE OF WIRELESS COMPONENTS, Contains a series of articles showing how wireless components were fabricated with simple machine tools just after WWI. There are articles on making radio parts, jigs and fixtures, fabrication of honeycomb coils, manufacturing of moulded electrical and wireless parts, and more. 64 pp, #BK-MFG, \$6.95

A THOUSAND AND ONE FORMULAS. Back in 1920 people were hot to set up their own laboratories and invent something and become rich. Experimenter Publishing Company published books and magazines to wet their appetite. They reprinted the best information from the magazines in this book. Get formulas on cements and glues, metal-craft, photography, chemical lab hints, mechanical lab hints, electrical lab hints, and many more. Fun and interesting read. 160 pp. #BK-1001, \$9.95



SIMPLE SCIENTIFIC EXPERIMENTS. Describes 46 instructive experiments in electricity, magnetism, hydraulics, hydrostatics, light and acoustics. From a century ago. Build a model hydraulic ram, acoustic fountain, flour explosive, manufacture of gas, static electric motor, cheap x-ray tube, electromagnet gun, pea suspended in air, HF currents, decomposition of steam with induction coil, fiery or flaming vortex ring, thermo-electric currents and more. Simple, fun experiments. 69 pp #BK-SIMP, \$8.95

New 3rd Edition Pocket Reference. Over 750 pages of information for engineers, do-it-yourselfers, travelers, teachers, & students. Example of contents: Air & Gases, Automotive, Carpentry & Construction, Chemistry, Physics & Math, Electronics, Electrical Wire, Motors & Frames, Science & Geology, Hardware & Tools, Plumbing & Pipe, Weights & Property of Materials, Welding, Over 3500 Conversion Factors, and MUCH more!! 3.2"W x 5.4"H, #BK-POCKET, New, \$12.95



TELEPHONES & MICROPHONES. You get details on building simple telephones. And that in itself is an interesting little experiment in electricity, metal working, and woodworking. Also, get the details of building carbon mics, and magnetic earphones. You get details on wiring them up into working telephone system with batteries, bells, ringing key, induction coil and more. If you're looking for a science project or want to build your own radio equipment, or even build a replica of an early telephone. 80 pages. #BK-TELE, \$7.95

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Old Radio Books



Experimental Crystal Set Receivers Book, Issues of Modern Electrics from 1911 and 1912 provided the

Experimental Department where letters from experimenters were reprinted. Here you get the best of those letters. Illustrations of a wide variety of make-shift equipment that was being fabricated by impoverished experimenters. This isn't so much about crystal set circuits as it is about building the components needed. You get ideas on building coherers, variable and adjustable condensers, sliders for tuning coils, making a universal detector, galena detectors, and much more. 48 pages, #23276, New, \$6.95

CRYSTAL RECEIVING SETS, How-to guide on building crystal sets and their components.

Chapters include a simple and efficient receiving set, a single slider set, set with semicircular tuner, crystal set with tapped single coil, a loose-coupled set, set with plug-in basket coils, combined crystal and valve (vacuum tube) receiver, some miniature receiving sets, crystal circuits, how crystals work, making a buzzer, receiving CW signals on a crystal set, making a wavemeter from a crystal set, converting low-resistance phones, and the morse code. 125 pp #BK-CRY, \$10.95



IMPOVERISHED RADIO EXPERIMENTER VOLUME 1, Contains tricks, tips, and secrets to help the builder of simple radios and electrical gear achieve high performance at minimal cost.

Also: vacuum tube substitutions; inexpensive tube power supplies; grid leak detectors; regenerative receivers and more. 48 pp; #BK-IMP-1, \$5.95

IMPOVERISHED RADIO EXPERIMENTER VOLUME 2. Contains information on building a grid dip oscillator, a shortwave converter, a slow motion dial drive, space-wound coils and more. 48 pp #BK-IMP-2, \$5.95

IMPOVERISHED RADIO EXPERIMENTER VOLUME 3. Contains information on building an impedance bridge, a one-tube SW receiver, a headphone amplifier, old-time radio cases and more. 48 pp #BK-IMP-3, \$6.95

IMPOVERISHED RADIO EXPERIMENTER VOLUME 4. Contains info on building a TRF regenerative receiver, a one-tube crystal converter, a versatile power supply, a slide rule dial and more. 48 pp #BK-IMP-4, \$6.95

IMPOVERISHED RADIO EXPERIMENTER VOLUME 5. Contains info on building a superhet receiver, a coil winding machine, a simple alignment oscillator, IF transformer and more. 48 pp #BK-IMP-5, \$6.95



OFFICIAL 1934 SHORT WAVE RADIO MANUAL, Build simple, high performance old time shortwave radios! All of the secrets are here: the circuit diagrams, parts layout, coil specifications, construction details, operation hints, and much more. This is a compilation of construction articles from "Short Wave Craft" magazine. 260 pp, #BK-1934, \$15.95

1935 Official Short Wave Radio Manual. The most important developments in short-wave transmitter and receivers are covered in this new edition of the manual. Contains wiring diagrams and the values of the various condensers, resistors, etc., of all the principal short-wave receivers. Plenty of articles on small receivers and transmitters which can be built at a small cost. 240 pp, #BK-1935, \$18.95



AMATEUR RADIO BEGINNERS GUIDE, Learn how to build a regenerative receiver and a crystal controlled breadboard cw transmitter that will allow you to talk to people all over the world. Chapters include: introduction to amateur radio, learning the code, receiver theory and construction, crystal oscillator transmitter, two-stage transmitter, three-stage transmitter, construction of modulator for three-stage transmitter, and reference. 155 pp #BK-AMA, \$9.95

SECRET - US AIRBORNE RADAR SETS Nov 1, 1944. Covers basic information about the early radars that won WWII. Covers frequencies used, aircraft installed in, type of power output tube, various components of system. No pictures, sorry. A reprint by Sam Hevener, a well known WWII aficionado. 11X8.5, 176 pgs, #BK-1944,\$19



U.S. Armor and Communications, Reprint of info on various radio equipment and accessories used by the U.S. military during the 1970's. Used at Army Armor school Ft. Knox. 200+ pages. Tape bound. #BK-ARM, \$14.00

BUILD A UNIVERSAL COIL WINDING MACHINE. Shows how to build a coil winder like those available in electronics catalogs years ago from common, easily-obtained materials. This amazing machine will professionally wind universal and honeycomb coils, single layer and multilayer solenoids, close-wound and space wound coils, and even pi-spaced coils such as used for RF chokes and transformers. Loaded with illustrations, dimensions, and step-by-step text. 24 pp #BK-WIND, \$8.95



Tesla Books



"Tesla: The Lost Inventions", Here are the suppressed inventions of Nikola Tesla. His later inventions, have never been utilized as Tesla intended despite their potential for advancing technology of modern civilization. Among these inventions: high-frequency lighting, the magnifying transmitter, a radical high-power radio, and many more. 42 illustrations. #BK-TLOST, List price, \$7.75; Our price, \$6.95

"Tesla Coil", You'll find a wealth of information on one of the best-kept secrets of electric technology, plus all the facts you need to build a Tesla coil on any scale. A well-tuned coil's output is harmless but can perform amazing tasks. Light your home, farm, or ranch at a fraction of the usual cost. Build a powerful radio transmitter. 26 illustrations. #BK-TCOIL, List price, \$7.75; Our price, \$6.95



"Son of Tesla Coil", Can Tesla coils do real work? Can they power an alternative fluorescent lighting? Build a "third generation" Tesla coil. Discover the magic of oil immersion, of close coupling, and of precise pulsing. Learn how to drive a Tesla coil from low-voltage battery power. Build a solid-state pulse generator and a Tesla lighting plant. Can battery-powered Tesla technology aid us in the next big blackout? Will Tesla be the next big step forward in home power? 40 illustrations. #BK-TSON, List price, \$7.75; Our price, \$6.95

"Radio Tesla", The Secret of Tesla's Radio and Wireless Power. This booklet details the radical radio technology of Nikola Tesla. Early elemental wireless devices like Tesla's and many others shown in this booklet are worthy of study because they remind us that powerful radio technologies can be so simple and accessible. Modern radio took a lot from Tesla, but what did it ignore? Also in these pages: grounding discovered, the suppression of amateur radio, radio-free energy and much more. 66 illustrations. #BK-TRADIO, List price, \$7.75; Our price, \$6.95



"Tesla: The True Wireless", In Nikola Tesla's own words, this is the inventor's final published statement on how radio, at the radical, really works. He insists that the amount of energy that can be transmitted is "billions of times greater" than conventional radio would allow. Can we transmit electric power to our homes and workplaces without wires? Can the unsightly and fragile grid come down? Tesla says Yes. 21 illustrations. #BK-TTRUE, List price, \$7.75; Our price, \$6.95



Inventions, Researches & Writings of Nikola Tesla - A complete record of all of Tesla's accomplishments upto 1893. Has 4 parts to the book: Polyphase Currents, The Tesla Effects with High Frequency and High Potential Currents, Miscellaneous Inventions and Writings, and Early Phase Motors and the Tesla Oscillators. Rare volume. 496 pp #BK-INV, \$18.95

Double Tesla-Oudin Coil - Five different articles from WWI-era electrical magazines including double Tesla-Oudin Coil, seeing the unseen, high voltage meter, homemade Geisler tubes, and the demolition of Tesla's Radio Tower. 23 page booklet. #BK-DOUB, \$4.95

Electricity at High Pressures & Frequencies - Incredible 1921 edition of 1913 original. Discussion of Tesla, Fessenden, and others. Photos of unusual experiments. 264 pp #BK-HI, \$11.95

TESLA COIL HANDBOOK. You'll learn about 1/4 wave principle, the Ferranti rise, capacitors, power transformers, spark gaps and all the other components of a coil. You'll learn about design parameters and procedures, tuning and operation, sample design, and more. You get plans, specs, wiring diagrams, and a couple of photos of a coil with a 40" x 4" secondary coil capable of throwing 28" sparks. 60 pp #BK-TSL-HDBK, \$14.95



Mag Amp Books

"Magnetic Amplifiers", Magnetic Amplifiers Another Lost Technology by the U.S. Navy (1951), edited by Trinkauy. First came the vacuum tube, then the transistor, right? Not really. In between there is another lost entity. Electronics engineers of the 1950's believed the rugged little magnetic amplifier was going to replace the fragile vacuum tube in all its functions under a megacycle. The mag amp not only can regulate but can magnify, modulate, switch, pulse-generate, invert, convert, multivibrate, phase shift, and multiply. Modulate your Tesla coil with a mag amp. 43 illustrations.

"Magnetic Amplifiers Bibliography", A supplement to Magnetic Amplifiers. Most of the citations are of patents you can still easily access. There are also citations of scientific and engineering journal articles, of military documents, and of proceedings of the Institutes of Electrical, Electronics and Radio Engineers. Entries range all the way from the year 624 BC to 1951. A must for further research into the lost technology of the magnetic amplifier. #BK-MAGNETIC, Get BOTH books! List Price, \$15.50; Our price, \$11.95



Military Lists

Copies of mil-references

Radio Lists

#TM11-487A Directory of Old Signal Corps...Radio Equipment, 8/ 1950. 4 pgs missing, 246 pp; \$22.95

#TM11-310 Schematic Diagrams of Signal Corp Ground Radio Equipment 1943-47; 32 selected vehicle & field radios; 228 pp. \$24.95

Vacuum Tube Lists

Vacuum Tube compliments of Signal 10/44; tube line-ups of many vintage military & commercial radios. Also lists by tube # the radios in which tube is used. 192 pages, 3 lbs. #TO-08-1-25, \$19.95

Electron Tubes, Cross Index and Type Identification, Nov '63; comprehensive list of tubes used by the US military; 303 pages, #MIL-HDBK-213A, \$27.50

German Lists

DIRECTORY OF GERMAN RADAR EQUIPMENT (US WAR DEPARTMENT MANUAL, TME 11-219, APRIL 1945) Pictures and drawings of German Radar Equipment to aid the recognition of equipment and components. I suppose this was part of the clean up of war material after the war. Reproduction 68 pages. #TME11-219, \$20.00.

SIGNAL COMMUNICATION EQUIPMENT DIRECTORY GERMAN RADIO COMMUNICATION EQUIPMENT (US WAR DEPARTMENT MANUAL, TME 11-227, JUNE 1944) Each radio has a picture, specifications, and a short comment about each receiver or transmitter. Reproduction 55 pages. #TME11-227, \$20.00

Terms & Conditions

TERMS - Prices net, F.O.B. Lima, Ohio. Send Money Order, Certified Check, Visa, Master Card, or Discover with Purchase Order. We reserve the right to hold an order accompanied by personal or company check until after check clears the banks.

MINIMUM ORDER - is \$10.00 (\$25.00 outside U.S.) + shipping charges. Minimum charge on approved U.S. open-accounts is \$20.00 + shipping \$. COD orders permitted at our discretion, if customer provides 50% of total cash deposit. UPS COD fee \$8.50. Include sufficient money for shipping charges. (UNUSED-PAYMENTS RETURNED AT ONCE.) Otherwise we will hold order & advise charges.

DESCRIPTIONS - All material offered in this catalog is in "Used-Complete" condition, unless qualified and/or noted as "Reconditioned", "Unused," or "New." Merchandise is not operationally checked unless specified as "Checked."

Equipment described as "Reparable"--meaning "able to be repaired"-- is electro-mechanically complete, but requires some trouble-shooting by the customer.

DISCLAIMER - Items in this catalog are "used" and/ or "obsolete" equipment which may not conform to current Federal laws governed by the Federal Communications Commission (FCC), the Occupational Safety and Health Agency (OSHA), the Environmental Protection Agency (EPA), and other federal and state governmental agencies.

Many items in this catalog have potential to produce harmful and even lethal electrical voltages. Proper and safe use of any item purchased is the customer's sole responsibility.

The customer assumes all liability and holds Fair Radio Sales Co., Inc. harmless for compliance to current and future laws pertaining to the use and possession of equipment purchased, for any personal injury liability arising from improper and unsafe use of purchased equipment, and for any property damage caused directly or indirectly by equipment use.

10 DAY RETURN POLICY - Customer may return items for refund of purchase price of the item within 10 days of receipt of order. Authorization is required!

DAMAGED MERCHANDISE - Claims must be made within 10 days of receipt. Fair Radio reserves the right to repair, replace or refund at its discretion such merchandise. Unauthorized returns & claims beyond the 10 day period are subject to 15% or \$5.00 (whichever is greater) restocking charge. Returns and claims will not be accepted after 30 days of receipt of order!

Fair Radio Sales

2395 St Johns RD • Lima, Ohio 45804




Phone: 419-223-2196 / 227-6573 • 24 Hr. FAX 419-227-1313

WEBPAGE: www.fairradio.com • E-MAIL: fairradio@fairradio.com

STORE HOURS: Monday thru Friday 9 A.M. to 5:30 p.m.

Name	Please Print Clearly	Date	REMARKS:		WS-06
Street Address	R.F.D.	P.O. Box			
City	State	Zip	Phone #:	E-Mail:	

CATALOG STOCK NO.	Page No.	Quantity	DESCRIPTION	Price Each	Total Price Add This Column	DO NOT USE

<p>TERMS: Our terms are cash. All trade and cash discounts have already been deducted in our catalog quotations. We reserve the right to hold an order accompanied by personal or company check until after the check clears the banks. All prices are net, f.o.b. shipping point.</p> <p>Please allow for shipping charges. Items over 150 lbs. shipped via truck-freight collect. Consult your local motor freight office.</p> <p>IMPORTANT: Any correspondence not connected directly with this order should be placed on a separate sheet. This will speed handling of both order and letter.</p>	<p>HOW SHALL WE SHIP</p> <input type="checkbox"/> PARCEL POST <input type="checkbox"/> UPS <input type="checkbox"/> FREIGHT <input type="checkbox"/> AIR <input type="checkbox"/> BEST WAY	<p>Include sufficient money for postage. We refund unused amounts. Please send cash by registered mail only.</p> <p>FILL IN AMOUNT ENCLOSED.</p> <table border="1"> <tr><td>Money Order</td><td></td></tr> <tr><td>Cash</td><td></td></tr> <tr><td>Check</td><td></td></tr> <tr><td>Credit Memo</td><td></td></tr> </table>	Money Order		Cash		Check		Credit Memo		<p>MINIMUM ORDER \$10.00</p> <p>PLEASE DO NOT USE THIS SPACE</p> <div style="display: flex; justify-content: space-around;">    </div> <p>NUMBERS ON CREDIT CARD</p>	<p>TOTAL FOR GOODS</p> <p>STATE TAX (Ohio) 6%</p> <p>For Postage and Insurance</p> <p>Due from Previous Order</p> <p>TOTAL</p>
			Money Order									
Cash												
Check												
Credit Memo												
<p>SIGNATURE / EXPIRATION DATE</p>			<p> </p>									

Miniature Lamps

Type#	5 pack	10 pack	Type#	5 pack	10 pack	
4	\$1.50	\$2.50	388	\$1.50	\$2.50	
5ES8	\$1.50	\$2.50	398	\$1.50	\$2.50	
6ES	\$1.50	\$2.50	480	\$1.50	\$2.50	
10S6/13 230v	\$2	\$3.00	502	\$1.50	\$2.50	
10S6/13 250v	\$2	\$3.00	511	\$1.50	\$2.50	
12	\$4.50	\$7.00	562	\$3.25	\$5.50	
12RC	\$5.50	\$9.00	757	\$1.50	\$2.50	
13	\$1.50	\$2.50	1156	\$1.50	\$2.50	
14	\$1.50	\$2.50	1157	\$1.50	\$2.50	
15T6 130v	\$2	\$3.00	1251	\$2.00	\$3.50	
15T8C 120v	\$2	\$3.00	1252	\$2.00	\$3.50	
24ES	\$1.50	\$2.50	1356	\$1.50	\$2.50	
24ESB	\$2.75	\$4.50	1455	\$1.50	\$2.50	
24X	\$3.25	\$5.50	1819	\$1.50	\$2.50	
24-68M	\$1.50	\$2.50	1822	\$1.80	\$3.00	
LM44	\$1.50	\$2.50	1828	\$1.80	\$3.00	
45	\$1.50	\$2.50	1843	\$3.00	\$5.00	
46	\$1.50	\$2.50	1886	\$1.50	\$2.50	
47	\$2.50	\$4.00	1895	\$1.50	\$2.50	
48ESB	\$3.00	\$5.00	2187	\$1.50	\$2.50	
48H	\$1.50	\$2.50	7341	\$2.75	\$4.50	
50	\$1.50	\$2.50	7349	\$2.00	\$3.50	
81 \$3.50ea	\$15	\$25.00	7376	\$1.50	\$2.50	
93	\$1.50	\$2.50	8462	\$1.50	\$2.50	
130	\$1.80	\$3.00	8602	\$1.50	\$2.50	
161	\$1.50	\$2.50	32173-0	\$1.50	\$2.50	
219	\$2.50	\$4.00	NE16	\$3ea	\$14	\$25.00
233	\$2.50	\$4.50	NE45	\$3ea	\$14	\$25.00
239	\$1.50	\$2.50	NE48	\$5ea	\$23	\$42.00
245	\$2.00	\$3.50	PR2	\$1.50	\$2.50	
267	\$1.50	\$2.50	PR5	\$1.50	\$2.50	
306	\$2.00	\$3.50	PR7	\$1.50	\$2.50	
313	\$1.50	\$2.50	PR8	\$1.50	\$2.50	
327	\$1.50	\$2.50	PR10	\$1.50	\$2.50	
330	\$1.80	\$3.00	PR12	\$1.50	\$2.50	
331	\$6.00	\$10.00	PR13	\$1.50	\$2.50	
372	\$1.50	\$2.50				
387	\$1.50	\$2.50				

Collector Bulbs



Unusual craft and projection lamp bulb: nice glass and simple but elegant filaments like old radio tubes. With mogul base; may or may not work:

EDISWAN PROJECTION, 6-8 A 200 W; 5.3X1.4" dia. #EDISWAN, \$3.00

T-8 PROJECTION BULB, (CFC) 150W 120V, 3.4"H x 1" dia; GE #PH/150T8/70, \$2.00

Strobe Lights

ELECTRONIC FLASHING LIGHT for alarm systems, discos, personal use, warning in case of danger, etc... Long-life xenon tube. Fully sealed and waterproof. Power output: 1W. Power supply: 12VDC.

Current: 150mA. Flash rate: 120/min. Black ABS / acrylic cover, Dimensions: 2.8"(y) x 2.5". New, \$8.99 ea.

Available in the following colors: Amber #HAA40A; Blue #HAA40B; Green #HAA40G; Red #HAA40R; Clear #HAA40W



ELECTRONIC FLASHING LIGHT. Flat lens. Requires 12VDC. Input current 85mA/1W. Flash rate 1.5Hz. Screw mounting. Suitable for indoors and outdoors. 3.9" x 3.1". New, \$18.99 each

Amber, #HAA100A; Blue, #HAA100B; Red, #HAA100R; Clear, #HAA100W;

Flash Bulb



Giant Mazda Type 75 magnesium foil flash bulb. Medium screw base. Used in WW2 for aerial night photography.

#FLASH-W, Unused with poor wrapper, \$25

#FLASH-NW, Unused no wrapper, \$15

Pilot Lights & Indicators

SUB-MINIATURE NEON PILOT LIGHT with 5/16" dia clear jewel. Base is receptacle for three 1/16" pins in triangle pattern. Mounts in 3/8" dia hole. O/a 1.4" L; includes neon bulb.

#PIL007, \$.35 each: 4 for \$1.00

DIMMER LIGHT w/ NE-51 bulb; 1/2" dia clear jewel. Fits 5/8" dia hole; o/a 3" L. #PIL-C433, used. \$.75 ea

LAMP HOLDERS for 327 lps; fit 1/2" hole. Flat WHITE numbered lenses; specify: "4", "5", "6", or "9". #0934, \$0.55



Pilot light w/ 327 lamp; white lens. Used #FLW-327, \$1.35



Dialco Pilot Light for S6 screw base. Red lens. Marked 75 watt, 125 volt. Unused, #PL-S6-S, \$3.00

Dialco Pilot Light with faceted lens for T6 1/2 double contact bayonet base. Amber lens. Marked 75 watt, 250 volt. Unused, #PL-T6.5-DC, \$2.50



Pilot Light for T1 3/4 midget flange base 327 bulbs etc. Red lens. Unused, #PL-T1.8, \$3.00 each; 10/\$25.00

Pilot Light for T3 1/4 miniature bayonet base. Amber lens with dimmer. Unused, #PL-T3.3-B, \$3.00



Vibrators

Each of the vibrators listed below are \$5.75 each.

Part #	Pins	Volts	Part #	Pins	Volts
V6648	4	6	JV0022	7	24
VB-9-C	4	?	M1503S	7	24
VS-3	6	6	V6778	7	24
R111	6	?	V6675	7	?
V6702	7	2	VB-13-A	9	12

Cathode Ray Tubes

CRTs are used no burns unless noted "-UN" = Unused

3ACP1	15.00	4MP1	20.00	5BHP2	20.00
3BP1A-U	15	4QP31	35.00	5CP1-UN	10.00
3BP1A-UN	30	5ABP1	20.00	5FP7	20.00
3DP1	6.00	5ADP7	30.00	7BP7	9.00
3DP1S-2	20.	5AMP2	25.00	902 nos	25.00
3HP7	4.00	5AQP1	25.00	SMD460260-UN	10
3UP1	20.00	5BDP7 nos	15.	Z4516P11-UN	10

Tektronix CRT'S used no burns. \$50.00 each
Others available - tell us your needs.

#154-0672-05 #T5810-31 (154-0354-00)
#T0540-2 (154-0098-00) #T5471-31-2 (154-0568-00)

3" CRT Shield for 3RP1 etc. #SH-CRT-3, \$15.00
5" CRT Shield for 5ADB7 etc. #SH-CRT-5, \$18.00

Tube Sockets

Mini 7-pin mini, Fiber Wafer, #SK-7MF, new, \$.30
Mini 7-pin mini, bakelite, #SK-7M, unused, \$.35
Mini 7-pin mini, ceramic, #SK-7CER, unused, \$.60
Mini 7-pin mini, moulded push-in w/ ridge, #SK-7MP-R, unused, \$.30

Mini 7-pin mini, moulded push-in no ridge, #SK-7MP-NR, unused, \$.25

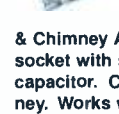
Mini 7-pin mini with collar for shield, #SK-7C, new, \$.60
Mini 7-pin ceramic w/ collar f/shield, #SK-7MC, \$.80
Octal bakelite, ring, #SK-OCT-R, used, \$.45

9 pin PC mount black, unused, #SK-9PC-BL, \$1.25
9 pin PC mount brown, unused, #SK-9PC-BR, \$1.30
Mini 9-pin ceramic w/ collar f/shield, #SK-9M, used, \$3.95
SUB-MINI, round, long-lead, #SK-MIN, unused, \$.85
Septar Ceramic Square Socket, #SK-SEPT, Used, \$.75

See back cover for the rest of our sockets



4X150 Dual Socket Assembly from the T-195, two sockets on 4.3" x 2.9" chassis with 1.1" H bakelite chimneys; #4X150/T195, used: \$19.95; 2 for \$32.00



4X250 Socket & Chimney Air system type socket with screen bypass capacitor. Comes with chimney. Works with tubes 4X250, 4X150, etc... #SK620, Used, \$24.



Two Johnson #244 Ceramic Sockets mounted on an aluminum plate 3" deep x 7.5" wide. Each of the sockets has a 1 7/8" diameter removable mounting clamp. Works with C6M, 576 tubes etc. 3 lbs sh. #DUAL-244, Used, \$12.00

Tube Shields & Etc...

For most 7-9-pin mini tubes

#TSH-(specify tube #) used \$4.00 each
#TS103U02 SHIELD 12AX7-size, \$.60 each

BLACK IERC-Type SHIELDS, used:
#TR5015 (6AK5), \$.85; #TR6015 (5842) \$.95

--- OCTAL TUBE SAVER ---

Save those expensive octal tubes that have broken guide pins. Replace the broken guide pin by slipping this plastic piece over the proper pins. High strength/temperature plastic. Reuseable. .5"Hx1.2" dia, #KY-1, New \$1.50 10/\$12.00

TUBE TEST ADAPTERS for TV-7, used:

#E104 for sub-mini tubes, \$5.00
#E105 for septar 829/832, \$7.00
#E107 for 2C39, \$7.00



OCTAL TUBE PULLER

Pull out octal tubes in those hard to reach areas. Stands around 6 3/4" tall. 1 lbs sh. #TP-7, \$6.00

TUBE PIN STRAIGHTENER

for Mini 9 pin tubes. Stainless steel straightening area for years of use. 2 mounting holes 1 5/8" center to center. Unused, #STR-9, \$5.95



Tube Boxes



Quality plain white boxes ideal for storing tubes or other components. Compare our price to the competition and save! No divider insert.

P/N	Dimensions	per 10	per 25	per 100	per 1000
CB6W	1.5x1x3	\$1.55	\$3.20	\$10.95	\$85.95
CB3W	1.5x1.5x4	\$1.85	\$3.80	\$12.95	\$99.95
SB16W	1.75x1.75x6	\$2.10	\$4.60	\$14.95	\$125.00
SB17W	2.5x2.5x6	\$2.75	\$5.95	\$18.95	\$155.00

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

\$4.50 Unused / \$2.50 Used - Vacuum Tubes

- MANY other tubes available. Visit our website for a much more complete listing or tell us your needs.
- If you specify unused and unused is sold-out, we will ship used checked, unless you specify "unused only".
- Many tube types available in glass and metal. Please specify if you have a preference.

The tubes listed below are \$4.50 unused and \$2.50 used.

0A2 0A3 0C3 0D3 0Z4 1A5 1B3 1B4 1C5 1E7
1J3 1L4 1N6 1P5 1R4 1R5 1S2 1S4 1S5 1T5
1U4 1X2 1V2 1LA4 1LC5 1LD5 1LE3 1LN5

3B4 3D6 3Q4 3Q5 3S4

5A6 5AN8 5J6 5T8 5U8 5V6 5W4

6A6 6B8 6C4 6F8 6G6 6H6 6J4 6J5 6J6 6K4
6L7 6N7 6R7 6S8 6T4 6T8 6U6 6U8
6V3 6V7 6W4 6X4 6X8 6Z4

6AB4 6AB7 6AC7 6AF3 6AF4 6AF9 6AF11
6AG5 6AG7 6AH6 6AK5 6AK6 6AL5 6AN5
6AN8 6AQ5 6AQ7 6AS5 6AS6 6AU4 6AU5 6AU6
6AU7 6AV5 6AV6 6AX4 6AY3 6BA11 6BC5
6BC8 6BD5 6BD11 6BE6 6BH6 6BJ3 6BK5
6BK7 6BN4 6BN6 6BQ6 6BQ7 6BU8 6BX6
6BZ7 6CB5 6CB6 6CD6 6CF6
6CM7 6CS6 6CS7 6CU5 6CU8 6CY5 6CY7 6DA4
6DE6 6DG6 6EA5 6EB8 6EH4 6ES5 6GF7
6GJ7 6HB7 6HS8 6JT8 6JZ8 6LE8 6LU8 6MN8
6SD7 6SF7 6SH7 6SK7 6SQ7 6SR7

7A4 7A5 7A6 7A7 7A8 7B4 7B8 7C4 7C7 7E6
7E7 7J7 7K7 7L7 7Q7 7R7 7S7 7T7 7V7 7W7
7X6 7X7 7Y4 7Z4 7AD7 7AG7 7AH7 7AK7 7AU7

12A6 12A8 12B4 12C8 12D4 12H6 12J5 12J7 12K7
12K8 12L6 12V6 12W6 12X4 12Z3 12AC6 12AH7
12AX4 12A77 12BA7 12BF6 12CA5 12SF5 12SH7
12SJ7 12SK7 12SL7 12SR7 12SW7 12SY7

14A5 14B8 14C5 14C7 14E6 14N7 14R7 14W7

17D4 17AX4 17BF11 17GW6 19T8 19AU4 19X8
21GY5 21JV6 25L6 25W4 25Z5GT 25Z6 25BQ6
25DN6 32L7 35A5 35B5 35C5 35L6 35Z3
35Z4 45Z5 50Y6 70L7 117Z4 117Z3 117Z6

34 35/51 36 38 39/44 43 55 57 58 77 78 79 89
5651 5654 5670 5725 5726 5727 5750 5963 5965

6005 6136 6186 6888

7056 7167

9001 9002 9003 9004 9006

Unused Tubes

UNUSED in original military or commercial boxes:

1B35	\$25.00	954-955	acorn,	\$3.95
1B36	\$39.00	957,	958,	959,
2C43	\$23.00		acorn,	\$5.95
2K25 RCA	\$6.00	1619		\$7.00
2K25 Raytheon,	\$36.	1629	"eye" tube,	\$15.00
3C23	\$32.00	5718		\$7.00
3D6,	\$7.50	5719		\$10.00
5A6,	\$8.00			
4D32 Raytheon,	\$17.50	5755	Raytheon,	
10/\$165.	32/\$480.	\$2.95	10/\$25	100/\$195
6AH4,	\$10.00	5763	various,	\$9.95
6AJ5 Tungsol,	\$3.50	5824,		\$13.50
6AZ8 ECG	\$6.95	5998A	Syl,	\$16.00
6B4GA, Sylvania	\$33.00	6080WC	GE,	\$8.00
6CB6A RCA,	\$3.00	6146W	GE,	\$22.00
6CG7	\$9.00	6159		\$17.00
6DC6 various,	\$6.50	6189W		\$7.75
6DK6 GE,	\$3.00	6336B	Cetron,	\$45.00
6DQ6,	\$7.00	6687		\$6.75
6E5,	\$17.00	6883B/8552	ECG,	\$15.00
6F8,	\$7.50	6888	Sylvania,	\$14.95
6SG7	\$3.00	6922	ECG,	\$6.95 10/\$59.50
6SH7	\$3.00			
6SJ7 Metal	\$7.00	7189A	Int. SvcMstr	\$19.50
6SL7	\$9.00	7193		\$6.25
6Z4/84,	\$6.50	7308	Amperex,	\$14.00
12AT7	\$8.50	7360	ECG,	\$29.95
12BE6 GE,	\$3.25			
12DQ6,	\$9.00			
12SN7	\$5.50	7586		\$27.00
24A or 27	\$9.50 each	7587		\$32.00
30,	\$16.50	8056		\$18.00
53	\$6.50	8058		\$35.00
84	\$6.50			
717A	\$15.00	8552/6883B	ECG,	\$15.00
807	\$14.00			
811A Made in China,	\$15			
811A Cetron,	\$25.00	26	SERIES TUBES	
884 or 885	\$7.50 each		Used \$3; 26A7, 26E6	
			Unused \$5; 26D6, 26E6	

Pull-out Sale

"pulled-out" of equipment-- NOT TESTED/ NOT GUARANTEED! (One tube type per quantity!):

10 for \$8.00; 100 for \$50.00
6AC7 6AG5 6AH6 6AK5 6AL5 6AL5
6AS6 6CB6 6J4 6J6 6W4GT

OTHER "PULL-OUTS"
10 for \$10.00. 100 for \$75:
6AQ5 6U8 6005

Sovtek Tubes

Electro-Harmonix

A premium quality tube mfg by Sovtek. "EH" = Electro Harmonix

Type	Price	10-24	25+	Mtch Pr
6L6EH	14.95	13.95	12.95	33.95
6V6EH	8.95	8.50	7.95	22.00
EL34EH	11.50	10.95	9.95	26.95
12AX7EH	9.95	9.50	8.95	N/A
12AT7EH	9.95	9.50	8.95	N/A
12AU7EH	9.95	9.50	8.95	N/A
12AY7/6072EH	11.95	11.50	10.95	N/A

Other Sovtek tubes new:

Type	Price	10-24	25+
5AR4	11.95	10.95	9.50
5Y3GT	9.95	9.50	8.95
6BQ5/EL84	7.50	6.95	6.50
6L6GB	8.50	7.95	7.50
6SL7	6.95	6.50	5.95
6SN7	8.15	7.85	7.40
12AX7WA	7.50	6.95	6.50
6550WE	20.00	19.00	18.00

KT66 \$22.95 each; 10 to 24 pieces at \$20.95 each;
25 and greater \$19.95 each

\$49.95 for matched pair; \$99.90 for matched quad

KT88, \$24.95 each; 10 to 24 pieces at \$22.95 each;
25 and greater \$20.95 each;

\$53.95 for matched pair; \$107.90 for matched quad

Used Tubes / Grab Boxes

USED-checked (US-mfg):

01A (ST), 17.95; 2E22, \$18.00; 3E29, \$9.00;
5U4GB, 5Z3, \$4.75; 6AS7G, \$6.00;
6JB6, 6LB6, \$12.50; 6SL7WGT, \$4.00;
6V6GT, \$7.00, 24A, or 27, \$4.75;
26, 42, 75, \$8.00; 45 ST, \$28.00; 71A, \$12.00;
80, \$7.00; 6080W, \$4.25; 6146A, \$7.75

GRAB BOX TUBE SALE

3 lbs of varying types of unchecked used or unused tubes. Randomly picked from our inventory of tubes of low demand. #TB-GB-3, \$20.00

As above but 6 lbs. #TB-GB-6, \$30.00

Power Amp Tubes



4CX350F/J 26VDC Power Tube. Has a maximum plate dissipation of 350 watts. Fits the socket and chimney listed below. Removed from equipment, \$65.00

4CX300A / 8167, JAN Eimac Unused, \$45.00
4X150D, 26 V filament, used STT, \$16.00
4X150G, coaxial type, used STT, \$19.00

152TH Triode for modulators, oscillators, & amplifiers. 5/10 Volts at 12.5/6.25 amps. Large 4 pin base. Eimac/Eitel-McCullough mfg. Unused, \$100.

8906 tube is also a ceramic metal planar tube. Filament voltage 6V; Max plate volts = 10; Max plate volts = 2500. Used checked, \$60.00

7815 similar to 8906 but max plate volts is 3500, \$55

7554 HIGH MU TRIODE. Heater-cathode, ceramic-metal, pencil type used as rf amplifier, oscillator, and multiplier in airborne equipment. Used STT, \$29.50

Unusual Tubes

No markings but looks like some kind image or photomultiplier with 14-pin basing. 4.8"Hx 2.3" dia glass + two 1/2"L contact pins opposite each on tinted end of cylinder; 1"L glass extension from side. #XTUBE-98, \$20.00

702B mfg by Sylvania. This unusual tube appears to be a special diode for UHF applications. Clear glass with gold plated rings. Great collectors piece! 1" dia x 2.3"ht., Unused, \$15.

JAN 705A RECTIFIER, 4-pin base; 5"Hx2.3" dia. used \$4

GL-6044 oversize 6-pin w/ 4 tabs; 5.3"Hx2.3" dia. UNUSED, \$5.00

C6M THYRATRON, 8.5"Hx2"dia Used, \$4

Klystron / TWT

6116 REFLEX KLYSTRON METAL VACUUM TUBE, a rugged version of the 2K45. Requires 6.3V at 762 milliamps. Reflector voltage: -95 to -145. Frequency range: 8500-9660 MHz. Power output: 32 milliwatts. Output coupling: waveguide RG-52/U. Unused, \$29.95

SRL-7H for 2160-2400 Mhz; 6.3 V filament, -1000 VDC beam V; reflector volts -1300 to -2000 V. Coarse & Fine Tune slugs, N-conn & octal base. 6.5"x 5.2"x4.5", 4 lb unused w/info, \$49.50

VARIAN VA-98M/8901 KLYSTRON, 23.6 - 24.4 Ghz 100 mw CW; Eb=500 V @ 40 ma. 2.8"Lx 1"Hx1.3"D w/ 6"L wire leads; 2 lbs sh. NEW, \$125.00 Filaments checked, but not guaranteed.

RCA 4012/A1157 TRAVELING WAVE TUBE, 2.0-4.0 Ghz, 36 db min., 20 mw min. 15.5"LX3.5"Hx1.5"W. 4 lbs UNUSED, \$40.00

Geiger Mueller Tubes

Geiger Mueller 5980 (also known as BS-2) Tube from the PDR-27 radiac set, Used, \$19.50

Geiger Mueller 5979 (also known as BS-1) tube from PDR-27 radiac sets, Used, \$39.50

Antique Globe Tubes

Tubes below are used-checked;

01A, \$19.75
224/324, 235/51, \$8.95;
227/327, 238/338, 239/44, \$11.95;
226/326, \$13.00; 80/280, \$33.95; 245/345, \$69.00;

SEE A MORE COMPLETE TUBE LISTING AT fairradio.com/tubes.htm

Sonalert - LOUD !!



2 to 6VDC Sonalert mounted on a 2" x 2 3/16" aluminum panel with 4 mounting holes. This unit is very loud at 2VDC and almost intolerable at 6VDC. 2 lbs sh. #SONA-6, Used Excellent, \$4.00

Sounding Device

MINI PIEZO SIREN 6-15Vdc / 140mA 107dB LEAD TYPE. Made from high impact ABS plastic. Dimensions : 1.5" x 1.7" x 2.2". 1 lb sh. Mounting holes: 0.87". #SV/PS1, \$4.99



Faraday Horn



FARADAY 48 VDC 100 ma HORN, made for Bell Telephone; makes loud, penetrating sound w/ screwdriver volume adjust. Steel construction; recess mount. Front size 4x4x1.3 1.3" panel depth. 3 lbs

#KS-12037L2, NEW, \$5.95

LOUD BUZZER HORN as used in smoke alarms; 2" dia x1.3".

#41-81-6, 6VDC \$1.25 ea; #41-81-12, 12VDC \$1.35 ea

Alarm Bells



Alarm Bell by Wheelock with mount. 115VAC 60 Hz. 3 5/16" space between mounting holes (Matches standard N.E.M.A. round box). #VIP-3-3, Unused, \$5.00

ADAPTABEL INDUSTRIAL ALARM BELL, 5.8" dia bell operates from 6VDC 250 MA for non-fire use. Heavy metal cast construction with mount hardware; 3 lbs. Edwards #435-6C1, new, \$9.95



Speakers

3 X 5 SPEAKER, 1 watt at 16 ohms with 1.8" dia magnet; 1 lb sh. NEW, #SPK-3-5, \$1.35 ea; 10/\$12; 100/\$95



4" Square Speaker. 8 ohms rated at around 2 watts. 1 1/2" depth. 2 lbs sh. Unused, #SPK-4, \$3.35

2 3/4" Round Speaker with no mounting holes. 45 ohms rated at around 1/2 a watt. 1.1" depth. 1 lb sh. #SPK-2.75, Unused, \$2.00



7" Audio Tape



7" Professional Audio Tape by Ampex model 631. This is the 1.5 mil tape, 1200' of 1/4" tape. These reels of tape are excellent for DBX reels and others to decrease tape noise, consider by many as the standard for reel recording. These reels are truly the standard for audiophile recordings, and a must for the reel collector. 3 lbs shg on one. 10 lbs shg on twelve. #TAPE-631, Unused, \$3.25 each; 12 for \$35.95; 24 for \$60.00; 96 for \$135

Battery Charger



NI-CAD CHARGER PP-6241 SOLID-STATE BATTERY CHARGER for silver-zinc or nickel-cadmium types. Three independent charging units with out-puts 8-16-32 VDC or 0-36 VDC in 0.1 V steps; 1 or 2.25 amp charge. With cables

CX11971, CX11972, and CX11973. Requires 115 VAC 45-440 Hz input. 11.5x 13.8x11, 46 lbs. w/ book. #PP-6241-U, Used, \$39.50

Charger/Conditioner Kit

Kit require insertion & soldering of components!

UNIVERSAL BATTERY CHARGER / CONDITIONER. NiCd and NiMH batteries or different can be charged both quickly (52 minutes) and normally (14 hours). Usable battery voltages: 1.2V, 2.8V, 3.6V, 4.6V, 6V, 7.2V, 8.4V and 9.6V. Charge current: from 15mA to 750mA. Battery is fully discharged prior to charging and thus has a longer life. 3.4"x3.1". #K7300, New, \$24.95 Recommended housing: #G311, \$7.56



Handcrank Generator

G-25 (or equal) Handcrank Generator, used in various military phone equipment. Use to replace "dead" generator in antique phone or for remote bell ringer or as "worm shocker". 4" L x 2.5" diameter. 4 lbs sh. #G-25, Used, \$35.00



G-42 Handcrank Generator similar to above. From TA-312. #G-42, Used, \$36.00

Audio Filter

AUDIO LOW PASS FILTER. No specs available, but output is good from 10 Hz to the limit of the filter. The drop off is very quick. The circuit is passive and causes an approximate 50% attenuation of the signal. The input impedance seems to be about 2400 ohms. 4.5 x 1.5 x .5,



7.5Khz LPF #FO70975, \$5.00
15Khz LPF #FO69215, \$4.50

Transistor Audio Amplifier



TRANSISTOR AUDIO AMPLIFIER w/5-transistors, On-Off-Volume and Tone controls. Inputs for ceramic or crystal phono cartridges. Other possible uses as intercom, homebrew receiver, child's projects. Use with 8 or 16 ohm 3" or 4" speaker. Requires 6-9 V AC or DC; with schematic. 1.5 x 2.3 x 3.3. #ER-10-1231, NEW, \$2.95 ea; 2 / \$5.00; 6 / \$12.00; 100/\$135.00

Alarm Horn

Dual Horn Electronic Assembly made by Conair Division of General Dynamic. Operates on 28VDC 2 amps at 130DB plus. Will not operate properly on 12VDC. Comes in O.D. Green louvered housing. 17.2x13.8x14.8, 40 lbs sh. #76L2661-1, Unused, \$125



50 Amp P.S. Chassis



PP-4763/GRC POWER SUPPLY, produces 28 VDC 50 amps from 115 VAC 22 amps 47-63 Hz 22/11 amp input; solid-state with +/- 0.5% regulation. Has meters 0-50 VDC and 0-80 amps DC; 13.5x 19.5x15, 145 lbs. #PP-4763-LM, Used less control

card, both mtrs, and circuit breaker, \$120.00 Manual repro, #MM-PP-4763, \$15.00

24V - 12V Converters

24VDC TO 12VDC 20 AMP CONVERTER. Compact design for in-car use. Input 24VDC. Output 12VDC. Maximum current 20 amps. Banana plugs. Fuse protected. #PSDC20, New, \$58.95



24 - 12 VDC Converter. Compact design. Input 20-30VDC. Output 12VDC. Maximum current 5 Amps. Cigarette lighter plug. Fuse-protected. 3 lbs sh. #PSDC05, New, \$19.95



Wall Transformers



AURORA TOY WALL TRANSFORMER, changes 120 VAC to 9.5 VDC 350 ma output. 6' cord with slide lugs; 2 lbs sh. #AUR-95V34VA, 2 / \$4.00

CERVCO AC ADAPTER, 11.5 VAC 175 ma out-put; 6' cord w/o lugs. #CER-11.5V, 2 / \$3.00

13 VDC 1 Amp Wall transformer from 120VAC input. 6 ft cord w/ "Barrel Type" DC power connector O.D. 5.0mm; I.D. 2.5 mm. 2.6x 2.2x3.4, 2 lb, #TAACA0201, \$2.50



Electronic Trainer



Nida Trainer Model 130, Originally for electronic class troubleshooting instruction. This unit is power supply and test frame only, no test circuits. plus and minus low voltage power supply each 6, 9, 12, 15 volts and variable to 24 vdc current limited 25, 50, 75, to 100 ma variable. Also high voltage 50, 100, 150, 200 to 250 vdc variable with current limit of 10, 20, 30, 40 to 50 ma variable. Large voltmeter and milliamper meter to monitor the output. Mini toggle switches under front panel to switch problems into circuit. This would make nice tube/low voltage breadboard station for your shop. Requires 115VAC 60Hz. 14.7x18x9, With Schematic. 25 lbs sh. #NIDA-130, Used, \$49.50

H V Supplies

HIGH VOLTAGE POWER SUPPLY, input 120 VAC 60 Hz. DC outputs: -8000 V 0.25 to 1 ma, +120 V 15 ma, +24 V 1.25 amps, +16 V 450 ma. 4x9.5x4, 17 lbs sh. #GE9T63Y2280G03, Used, \$12.95



10KV high voltage power supply. Produces 10 Kvdc from 118 V 60 hz input. Max safe current 5 ma. ripple a 5ma 1% Made by Condenser Products Corp. #PSL-10-5M, Unused, \$85.00
As above except output is 35KV at 5 ma. #PSL-35-5M, \$135.00

PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

Low Voltage Transformers

All 120 VAC 60 Hz primary unless otherwise noted; styles as indicated; may be "used" or "unused": Dimensions listed below are case only, so make allowance for terminals. Weights listed below are considered SHIPPING weights. Limited stock.



STYLES	(A)	(B)	(C)	SECONDARY SIZE	STYLE	WT	STOCK #	PRICE
Two 5 V 3 A	3x3.3x3.4	(C)	7	#P-6333	\$16.95			
7.5/6.3 VCT	3 amps, 6.3 VCT	4 A						
6.3V 1A	1.7x1.9x2.9	(A)	3	#38-6.3V-1A,	\$4.00			
6.3V 7.5A,	3.3x3.4x4.2,	7	#ST-6.3V-7.5A,	\$10				
12.6V 0.15A								
12 V 9 amp,	5.3x4.3x4.8(C)	22	#P-601719	\$8.95				
12 V 3.2 A, 12 V 2 A, 44 V 2.5 A.	(12 V windings can be wired to produce 12 V 14 A)							
13 V 20 amp,	4x3.5x3.8	(C)	10	#430-9001	\$19.95			
14VCT 2A,	1.8x2.7x2.2,	3	#F-251X,	\$6				
Open Frame								
16.5 VCT 2 amps	2.6x2.5x2	(C)	2	#BE15869	\$3.95			
18V 5.4A,	4.5x4.8x4(C)	16	#401-21	\$8.95				
26 V 1 A, 6 V 900 ma,	25 V 500 ma, 35-10-0-10-35 V 5 A							
18 V 1.5 A,	3x4x3.5	(C)	7	#BE12696	\$4.95			
19 V 2.5 A, 10 V 4 A								
20VCT 4A,	2.5x2.8x3.4,	6	#P-8560,	\$9.95				
Open Frame								
Taps 24/19/10V 1KVA at any tap	6x11x14	(A)	84	#M1539,	\$85			
25VCT 8 A 4 x 3.6 x 5.3	(A)	13	#200P25GT	\$14.95				
25.2VCT 2A	2.1x3.9x2.6	(C)	4	#F-41X,	\$8.00			
29.2V 2A	3.5x3.9x3.5	(A)	7	#612-29.2V-2A,	\$8.00			
22.5V 2A								
2x30 V 250 MA	1.8x2x1.5	(C)	1	URC#60605	\$2.50			
30 VCT 560 ma	2.5x2.3x2	(C)	2	#401-6	\$3.00			
40 VCT 450 ma								
32 V 3.5 amps	3.3x2.8x2.3	(C)	4	#2-111219	\$5.95			
32 VCT 1.5 A;	2.5x2.6x2.1	(B)	3	#142259	\$3.95			
35 VCT 1A	2.5x2.8x3	(B)	3	#1341155-2	\$2.50			
Rusty condition								
36 VCT 2A	2.9x3.5x2.3	(B)	3	#SR-448	\$4.95			
36VCT 3A	3.3x3.3x2.8	(B)	6	#701-121,	\$8.00			
38VCT 1.4A	2.2x3.3x2.3	(B)	4	#203A6725,	\$5.00			
5V 1 amp								
38.9V 4A	2.6x3.8x3.5	(C)	5	#021/0220050	\$7.50			
tapped 26-9-3-0.9 V,	150 VCT 200 ma							
40VCT 1A	2.2x3.7x2.2	(C)	4	#URC56000,	\$5.00			
46VCT 1.5A,	3.3x3.9x5.5,	11	#43-46V-1.5A,	\$9				
74VCT 150ma,								
52 VCT 2.6A,	3.2x3.8x3	(B)	6	#EIA606-451	\$7.00			
tapped 33 and 18 VCT								
70 VCT 5 A,	4.5x4.8x4	(C)	16	#401-21	\$8.95			
tapped 20 VCT; 18 V 5.4 A, 26 V 1 A, 6 V 900 ma								

90VCT 2A, 4.1x3.4x2.9, (C) 9 #24-90V-2A, \$14.00

Dual 90V 2.5A, 3x5.2x4.4, (C) 13 #20-90V-2.5A, \$20
tapped on each of the 95V windings at 60V,
32 vct around 200ma

Dual 95V 2.5A, 3x5.2x4.4, (C) 13 #28-95V-2.5A, \$22
tapped on each of the 95V windings at 60V,
32 vct around 200ma

100V 8.5A 7x6.1x6 (C) 33 #42-100V-8.5A, \$55.00

HV Transformers

SECONDARY SIZE STYLE WT STOCK # PRICE
375 VCT 50 MA 2.5x3x2.6 (B) 3 #8316527 \$6.50
6.3 V 2 amp (230 VAC only primary)

460VCT 50ma 2.3x2.6x3.5 (A) 5 #17-460V-50MA,\$11.95
6.3VCT 2 amps

500VCT 125ma 2.9x2.5x3.3 (B) 5 #TR180, \$14.95
6.3V 1 amp

580VCT 600 MA, 5.6x4.4x5.4 B 21 #13920, \$29.00
80 VCT 850 MA TAPPED 60VCT, 5V 150 MA
8V 350 MA, 30VCT 500 MA

920VCT 50-70ma, 4.4x5.1x6, 17 #52-920V-50MA, \$24
1240VCT 50-75ma,

1900VCT 30ma, 4.3x4x6, 12 #51-1900V-30MA, \$25
1150VCT 50ma,

Industrial Transformers

Taps 90 thru 3KV at 20KVA at any tap #3KV-20KVA,\$999
(Primary 160V 137.5A) 5 - 3000Hz One Phase
20.3x16.5x22.5, Open Frame, Approx. 500 lbs

115/270V 4.9KVA 10x9x9.7 (C) 100 #44-115V-
4.9KVA,\$225
115/135V 2.7KVA (600VAC only primary)

71V 53.5A 8.7x9x9.2 (C) 80 #44-71V-53.5A, \$175
(Primary 200/230/380/415/460/575VAC)

Taps 208/220/240V 9A 8x8.3x7.4 (C) 60 #SU-2,\$175
(Primary 416/440/480V 4.5A)

229V 70A 3 Phase Y 22.5x11.3x18 (C) 400 #SHED-Y,\$600
(Primary 420/440/460/480/500V 37-31A)

230V 250KVA 5.8x5.4x5.9 (C) 19 #42-230V-250KVA, \$35
(Primary 208/270/325/380VAC)

HARRIS RF AMPLIFIER 3-PHASE POWER TRANS-
FORMER from Harris RF765 5 KW transmitter; two
outputs of 1916 V 2.3 amps and one 1518 V 490 MA
from 208/220/230/240 V 3-phase input. Made by
Basler; 17x 26.5 x12.5, 300 lbs shipping. Harris
mfg. #10178-5200, used, \$450.00

Misc Transformers

MODULATION TRANSFORMER Pri: 5500 ohm 235
ma or 2000 ohm 300 ma. Sec: 200 ohm 20ma 90
watts max. 3.1x3.5x2.9, 4 lbs. #677-0923, used, \$8.



"ISOLATION" TRANSFORMER pri
115V 60 Hz; sec 105 VAC 500ma
3.5x3.5x2.5, 6lbs. #45099037,
\$7.50

TY-84 Triad Utrad mobile power
supply transformer. Designed for
use with 12 volt DC transistor 2500
Hz oscillator to produce 600 volts
DC 200 Ma. With schematic. 2 lbs
sh. #TY-84, Unused, \$65.00



TRANSFORMER-POWER SUPPLY Pri: 2 x115 VAC
48-62 Hz. Sec: 570 VCT 200 MA, 25 VCT 1.2 amps,
6 V 8 A. On chassis w/sockets for two 26Z5 tubes;
20 lbs. #PS-R390A, used, \$25.00

Audio Transformers

Primary Secondary

50 ohms 30ma 500 ohms 400 to 1900 Hz Mic
Transformer 1.5x1.3x1.5(A) 1 lb #T204/PP115 \$3.

100 ohms 100K ohms; input transformer,
2.1x2.2x3.2 (A), 2 lb #T3/AM20, \$7.95

250/4000 ohm 150, 600 ohmCT 400-3000 Hz
1.8x1.8x2.5(A) 2 lb #C280/RM39, \$4.00

2/ 300 ohms 15 ma DC, Sec: 600 ohms, + 9dbm 100
- 3500 hz, 1.4 x 1.4 x 2.3, Made by UTC H-9985,
#225C1015, \$8.00

600 ohms 8 ohms 2 watts, 1.6x"H x 1.3" dia.
Removed from LS-166, #T1/LS166, \$16.00

10000 ohms 12ma DC, Sec: 8 OHMS, 100-3500 HZ,
1.5 X 1.5 X 2.3 H, #225C1010, \$12.00

10000 ohms 600 ohms, 100 mw, 200 - 20000 hz,
DC current 0 Zero, Made by Freed.
1.3 x 1.3 x 2.3, #27780 \$12.00

Pri: 60000 (1.5 ma 90v), tapped 12500 (6.5 ma 90v)
Secondary 600 ohms tapped 8 ohms, 200 - 3800 hz
200mw, 1.5 x 1.5 x 2.5, #TR-1017, \$15.00

Audio transformers which we were told were from
Altec/Altec Lansing Public Address amplifiers.
We have no specific data on these, but offer them
to those who may know what they are. All ohms
listed below are DC resistance. We will list all the
information we have and pictures on our web site
at fairradio.com/audiot.htm

Pri. 0.5 ohm; Sec. 8.7 ohm tapped 8.4, 8.3, 8.
Open frame, 2.7x3.7x2.3, 4 lbs sh. Sam Woo mfg.
#050-7000-00, \$5.00

Pri. 0.3 ohm; Sec. 3.7 ohm tapped 3.65, 3.6, 3.5.
Open frame, 2.9x3.4x2.8, 6 lbs sh.
Sam Woo #50-7001-00, \$7.50

Tamradio #302216, Winding(1) 19.3 ohms, (2) 5.7
ohms CT, (3) 3.4 ohms CT, (4) 5.2 ohms CT,
(5) 20.4 tapped 17.1 ohms,
(6) 21.5 tapped 16.7 ohms.
Open frame, 3.1x3.2x2.8, 5 lbs sh. \$5.00

#EIA606-625, Winding(1) 0.7 ohm tapped 0.4, (2)
2.1 ohm tapped 1.8, (3) 0.4 ohm tapped 0.3. End
Bell, 3.8x3.8x3.1, 9 lbs sh. \$10.00

TRIAD TRANSFORMERS

#TY-61X TRANSISTOR DRIVER 100 ohms 100 ma :
100 ohm CT, 50-10KHz 500 mw. 2.7x1.5x1.5. \$4.00

#TY-65Z MODULATION Pri: 32 ohms CT 575 MA DC
Sec: 4K-6K ohms 10 W. Short Leads. 2.7x2.4x2,
2 lbs. Used, \$5.00

Chokes



Swinging Choke, 1.5MHy at
200maDC, 460UHy at 4 ADC, DCR
0.24ohm. 1.7 dia. x 1.4 ht, 2 lbs sh.
#TW-64713, \$10.00

0.5 mHY 100A 0.9 ohm, 6.3x5.4x4.1, (C), 35 lbs,
#CH-100, \$45.00

1 mHY/5.0mHY 11A/1A swinging 6.8v-120cps .07
ohm 2x2.3x3, Sealed frame, 4 lb, #103-1MH-11A,\$9.50

C-114 LOADING COIL, adds 88 mH inductance to
field phone wire increasing effective range 125+%.
Water tight case; 4 lbs sh. #C-114, Used, \$10.00

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

Switching Power Supplies



HEAVY DUTY SWITCHING SUPPLY, outputs +5 VDC 28 amps, +12 V 4 A, +24 V 1.5 A from 115 VAC 60 Hz in. W/ ON-OFF switch, & 16-pin Molex output connector. "AS-IS" complete, no schematic" 2x5x13, 6 lb #SWPS-528, \$6.95

SWITCHING POWER SUPPLY with 3" axial fan. Outputs +5 V 10 amp, +12 V regulated 2.5 A, +12.5 V 5 A unregulated from 115 VAC 50/60 Hz input. P/o Wang equip. 2.6x5.1 x12.5, 7 lbs. #12690, \$14.00



POWER SYSTEM switching supply, outputs +5 V 7 amps, +12 V 3 amps, -12 250 ma, -5 300 ma from 115/230 VAC 50-60 Hz input. 7.8x 4.4x1.5, 3#. NEW: #PS1558, \$15.00

Switching Power Supply, Outputs: 5VDC 20A, 15VDC 2.5A, -15VDC 1.0A, 24VDC 4.0A. Housing is perforated. Requires 115/230VAC 50/60 Hz. Xentek Inc mfg. 10.9x7x4.2, 7 lbs #SX200-81605, Used, \$8.95; 4 for \$29.95



Switching Power Supply, Outputs: 5VDC 21A, -5.2VDC 7.5A, 12VDC 4.7A, -12VDC 1.5A. Each output has a potentiometer adjusting the voltage +/- 1 volt. Perforated housing with a heatsink on top. Requires 115VAC 60 Hz. Various mfg. 10.9 x 7 x 4.2, 15 lbs #A3060884, Unused, \$9.95; 3 for \$24.95

24VDC 11 amp output switching power supply which DOES WORK with the R-392 and GRC-106 Receiver / Exciter. Requires 115V or 230V 60Hz. Made by Acme Electric Corporation. 9.5x5x2.5, 6 lbs sh. #25A1, Used, \$45



Power Supply Modules

+5/-5 V 3 AMP REGULATOR BOARD, up to 24 VDC unregulated. Capacitors two 15000 mf 15 V, 33000 mf 30 V. Two each KBPC rectifiers, 2N6576, 2N4441 SCR. 7.8x6x4; 3 lbs sh. #MEND-REG-5V, \$5.00



REGULATOR MODULES from Sun supplies, each with current limit and voltage adjust. Includes bridge rectifier, filter capacitor, two 2N3055 or equal and 723 regulator; 2 lbs sh. No further info. #SUN-REG-124, 12 V 4 amp, \$10.00 #SUN-REG58, 5 V 8 A w/OVP; \$8.00

1A POWER SUPPLY KIT. This small power supply provides a regulated voltage, adjustable between 1.5 and 35 volts at 1 Amp. With the LM317 regulator remarkably better ripple and regulation characteristics are given with conventional regulators. Current limiter and thermal overload protection are included in the IC. Supplied without heatsink. Output current: 1.5A max. Max. dissipation: 15W (cooled). Max. input voltage: 40VDC. PCB dimensions: 2.1" x 2.1". #K1823, \$12.99



Power Supply Kit

1A POWER SUPPLY KIT. This small power supply provides a regulated voltage, adjustable between 1.5 and 35 volts at 1 Amp. With the LM317 regulator remarkably better ripple and regulation characteristics are given with conventional regulators. Current limiter and thermal overload protection are included in the IC. Supplied without heatsink. Output current: 1.5A max. Max. dissipation: 15W (cooled). Max. input voltage: 40VDC. PCB dimensions: 2.1" x 2.1". #K1823, \$12.99

Power Supplies



5 VDC 3 AMP EXELON DC REGULATED SUPPLY, and 12 VDC 0.1 amp output from 115/230 VAC 47-63 Hz input. 5x5.3x2.8, 4 lbs. #PS-1545, NEW, \$10.00

12 VDC 1.5 AMP DC POWER SUPPLY, Adjustable +/- 2.25 volts. Requires 115 VAC 60 Hz; Mfg by ACDC Electronics. 4.9x6.3x3.4, 7 lbs sh. #10-4131-045, Unused, \$19.95



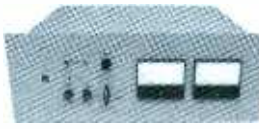
COLECO DISK DRIVE POWER SUPPLY for ADAM system; transformer type with outputs +5 V 3 amp, +12 V 2.9 A, -5 V 200 ma, and +18 V Inductive 1 A. 115 V 60 Hz input. With cords and On-Off switch. 11x4x8, 10 lbs sh. #COL72559, unused, \$10.00

Linear Regulated Power Supply by Lambda, adjustable 20VDC +/- 5% at 5 amps. Perforated housing. Requires 205-265VAC 55-65 Hz. 10x4.9x4.8, 17 lbs, #LM-CC20-V, Used, \$45.00



24VDC 12 AMP or 28VDC 10 AMP POWER SUPPLY, Requires 115/230V 47-63Hz. Mfg by Power One. 16.8x4.9x4.8, 20 lbs sh. #F24-12-A, Unused, \$75.

Rackmount Lamp Power Supply by Westinghouse covering 12 to 65VDC at 3 to 9.5 amps from an input of 115/230VAC 60Hz. The power supply does have a current adjust but does NOT have a voltage adjust. The voltage is directly relative to what the current is set at. Has 2.9"H x 3.5"W panel meters for Amps and Volts. Running time indicator. 15.5x19x7, 49 lbs sh. #WE-65, Unused, \$119.50



Sorensen DCR40-13B Rackmount Power Supply 0 to 40 V @ 13 A. Low-level remote sensing, manual & automatic control, direct & master-slave paralleling & series operation. Low ripple and noise. Fine/coarse adjustments for current and voltage. Large analog current and voltage meters Power required 115 V 50/60 hz, 19x21x3.5, 48 lbs sh. #DCR40-13B, Used Checked, \$295.00



Acopian Power Supplies

Acopian Gold Box Series Power Supplies. Fully enclosed with terminals for wire connection. Perforated covers. Each unit is linear regulated and requires 105-125VAC 50-400Hz. Removed from lightly used equipment. Nice & clean.



2V 6.0A, #A2MT600, \$20.00
2V 12.0A, #A2MT1200, \$25.00
+/- 5V 2.5A, #VTD5-250, \$25.00
5V 5.0A, #VRB5G500, \$20.00
5V 5.1A, #VA5MT510, \$20.00
5V 6A, #VA5MT600M, \$20.00

5VDC 12A, #VA5MT1200, \$35.00
5V 17A, #VA5H1700, \$30.00
5V 22A, #VA5H2200, \$35.00
5V 32A, #VA5H3200, \$45.00
12V 6A, #VA12MT650, \$85.00
+15V 400 MA, #VTD15-40, \$35.00
+15V 500MA VFD15-50A, \$35.00
+15V 2.5A, #VTD15-250, \$80.00

15v 3.0A, #VRB15G300, \$75.00
+15V Dual Track 4.5A, #VTD15-450, \$95
18V 2.1A, #B18G210, \$25.00
18V 6A, #VA18MT650, \$50.00
20V 16.0A, #VA20H1600, \$75.00
24 V 750mA, #B24G75, \$20.00
0-50V 1.2A, #A050MX120, \$50.00
200v 100ma, #B200GT10, \$125.00

5 - 24 VDC Power Supply



COMPACT SWITCHING POWER SUPPLY, 20 selectable outputs: 5 to 24V DC in steps of 1V (from 4.3 to 1.5A) Power: 36W. Get rid of those bulky power-hungry heat-producing adapters. These

adapters use state-of-the-art switching power supplies and feature some major advantages such as: - cooler running - stabilized output - short-circuit and overload protection - compact design - very low idling consumption. Comes with 8 detachable DC plugs. Ideal for notebook computers & personal digital electronic devices. Requires 100 ~ 240V AC. Output plugs: 2.5mm mono, 3.5mm mono, 1.0x3.0mm, 1.35x3.5mm, 1.7x4.0mm, 2.1x5.0mm, 2.5x5.5mm, 1.5x5.5mm. 3.5"x1.8"x1.2", #PSSMV7U, New, \$39.95

Variable Transformers

- - OTHER RATINGS AVAILABLE - -
Tell us your needs!

All variable transformers listed below are used good condition unless otherwise specified.



GENERAL ELECTRIC VARIABLE TRANSFORMER, input 120 VAC 60 Hz. Isolated output 0-60 VAC. Maximum current load: 5 amps. Two units wired in series will produce 120 VAC output. Coil not enclosed; dial plate & knob not included. 4.4" dia X 4"H; 6 lbs GE #9T92A1515, New, \$19.95; 2 for \$35.

POWERSTAT variable transformer, no dials & knobs. 0-30V at 25 amps 60 Hz or 15-0-15V at 35 amps 60 Hz out from 120/240 V input double wound; Actually has two isolated 15V secondaries. Great basis for a 12 or 24 volt power supply. Enclosed, motorized 3 section (3 phase). 12" dia X 30"H, 90 lbs. #DMLW-136BT-3, \$195



380 HZ VARIABLE TRANSFORMER, input 120 VAC 380/1000Hz; output 0-120 VAC 380/1000 Hz 13 amps. 7x6.2x3.3, 9 lbs. #GA50650L \$18.00

Staco 20 Amps 0-180V, input 120V, motorized. 8.8x8x10.5, 36 lbs, #033-6565, \$120.00



Variable transformers listed below are 240VAC 60Hz Inputs; not enclosed. Used unless otherwise stated.

Powerstat 9 Amps 0-240V, input 240V, motorized, perforated sides. 9.1x9.5x10, 30 lbs, #2388-10698, \$89.50

Staco 10 Amps 0-240V, input 240V, motorized, perforated sides. 8.9 x 9.5 x 10.3, 30 lbs sh, #033-7015, \$99.50



Variable Transformer by Powerstat type 2460, output 0-280V 25 Amps, input 120/240V. With knob. 10.1x9x6, 37 lbs sh., #2460, Unused, \$159.50



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Inverters



12 VDC to 120 VAC 60 HZ INVERTER, rated 200 watts continuous; 600 W surge. Output is squarewave with zero-crossing. Has studs for input & 3-cond outlet. 3 x 7.5 x 4.8, 7 lbs. #RC-12200, New, \$49.50

ROTARY INVERTER, output 115 VAC 400 Hz 1 phase 750 VA from 28 VDC 60 amp input; Leland or =. 12x9.5 x7, 42 lbs sh. #INV-750, Gov't-Recond, \$57.00



INVERTER, like above except 750 VA out from 28 VDC 60 A in; 9.3x16.5x7, 40 lbs sh, #PU-16, \$32.95



Motor Generator for GRC-106 Model SS688. Input 27.5VDC 24 Amps. Output 115VAC 60Hz 3.48 Amps. Continuous duty. 3600 RPM. 12x6.5x12, 47 lbs sh., #SS688, Used, \$65.00

400 HZ INVERTER KIT removed from PP-2352; good foundation for 28 VDC to 115 VAC 400 Hz 500 watt 1 phase inverter. Includes oscillator feedback, driver, output, & regulator transformers, two saturable reactors & schematic info. Add other components to suit your power needs; 10 lbs #KIT400HZ-500W, \$49.50



400 HZ SOLID STATE INVERTER KIT will produce 115 V 400 hz at a current and voltage dependent on the

transformer you use. Supplied parts include, special feedback transformer, resistor/diode boards, two transistors on heatsinks which when combined with your center tapped transformer will produce 400 Hz power. For 12vdc operation use a 20-26 vct transformer. For 28 volt input use a 40 -52 vct transformer. With schematic & info. #INV-47, \$19.95

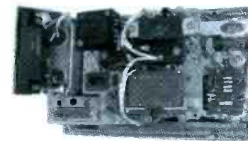
#INV-47-52, 52CT w/ 52VCT xformer f/ 28v input, \$27

Power units FROM AM-3349 see better pictures at our web site.



DC-AC 400 HZ INVERTER. Input 26 VDC. Designed outputs 120 VPP 400 hz and 156 VPP 400 hz. Also 12.6 VPP

400 hz 600 ma for filaments. Components mounted in irregularly shaped casting. Transformer is not removeable. Removed from equipment. With schematic. 2.3x6.6x4.9, 5 lbs sh. #2A6A1, \$25.00



Inverter from AM-3349 which contains the DC-DC supply for the High voltage power supply that powered two 4CX350F tubes to 400 watta PEP. Power input

is 24VDC. This supply produced 500 VDC plate and screen grid supply for 8233 driver tube, and screen grid for PA tubes. Also 2400 VDC plate voltage for PA tubes. Transformer and components are mounted to irregularly shaped casting. With schematic. 7x18x6.9, 21 lbs sh. #3349-INV, \$50.00

60 Hz - 400 Hz Converter

Static Frequency Converter, Input 120V 60Hz to 117V 400Hz 500 watts single phase. Overload protection. With maintenance manual, power input cable and connector for output. 21x12x15, 120 lbs sh. Unused, #CV-2488, \$299.00



WANG POWER CONDITIONERS, electronic line voltage regulators with full magnetic isolation protects computer & similar equipment from line voltage surge or "sag" damage. Provides "clean" 120 VAC 60 Hz output from inputs of 90 to 135 VAC 60 Hz. Low input shutdown @ 50% of nominal. OVP shutdown @ 12% above max output. 7.8x13x10.4: 1000 VA output with one large L5-20R receptacle; 45 lbs sh. #SC-100A-PC, New, \$195

NTE Semiconductors

NTE Cross Reference CD, \$5.00

NTE Cross Reference Book, \$4.95

NTE#	DESCRIPTION	PRICE	NTE#	DESCRIPTION	PRICE
2V130	MOV 130V RMA	\$1.97	580	RECTIFIER-600V3A FAST RECORD	\$2.99
85	T-NPN SI GENERAL PURP AMP TO-92	\$0.76	588	DIODE-SI 200V 3A ULTRA FAST DO-27	\$1.76
109	Diode-Germanium Gen Purp 75PRV DO-7	\$1.60	618	DIODE-AM RADIO TUNING DIODE	\$2.50
112	DIODE-SI-UHF TV/MIXER DO-7	\$1.57	778A	IC-DUAL OP AMP 8 PIN DIP	\$3.81
116	RECTIFIER-SI 600V 1A DO-41	\$0.38	941M	IC-FREQ COMP. OP AMP 8-PIN DIP	\$1.07
123	T-NPN SI-AF PREAMP/DRIVER TO-39	\$0.70	955M	IC-TIMER/OSCILLATOR 8-PIN DIP	\$1.86
123A	T-NPN SI-AF/RF AMP TO-18	\$0.89	960	IC-POS VR 5V 1A TO-220	\$3.73
123AP	T-NPN SI-AF/RF AMP TO-92	\$0.71	966	IC-POS VR 12V 1A TO-220	\$3.93
125	RECTIFIER-SI 1000V 2.5A DO-41	2/\$0.89	987	IC-QUAD OP AMP 14-PIN DIP	\$2.48
125-10	Pack RECTIFIER-SI 1000V 2.5A DO-41	\$3.49	1866	IC-LED VU Scale Meter Driver 9-PIN SIP	\$2.14
125-100	Pack RECTIFIER-SI 1000V 2.5A DO-41	\$28.99	2018	IC-8 CHAN CMOS/TTL DR 18-PIN DIP	\$3.06
128	T-NPN SI-AF PREAMP DRIVER TO-39	\$1.30	2331	T-NPN SIHI VLTG Horiz Switch w/ Damper	\$6.57
128P	T-NPN SI General Purpose AMP TO-237	\$1.07	2343	T-NPN SI Darl Power Amp/Switch TO-220	\$1.99
129	T-NPN SI-AF OUTPUT TO-39	\$1.86	2353	T-NPN SI COLOR TV HORIZ OUTPUT	\$7.99
130	T-NPN SI-AF POWER OUTPUT TO-3	\$2.30	2389	MOSFET-PWR N-CHAN HI SPD SW TO-220	\$5.99
135A	ZD-5.1V 1W DO-41	\$0.55	2395	MOSFET-PWR N-CHAN HI SPD SW TO-220	\$5.29
142A	ZD-12.0V 1W DO-41	\$0.55	3041	Opto Isolator/NPN Transistor Output	\$2.11
145A	ZD-15.0V 1W DO-41	\$0.55	4006B	IC-CMOS 18 STAGE 14-PIN DIP	\$3.00
156	RECTIFIER-SI 1000V 3A DO-15	\$0.71	5077A-2	pack ZD-18.0V 1W DO-41	\$1.98
159	T-PNP SI-AF PREAMP DRIVER TO-92	\$1.19	5304	RECTIFIER-SI BRIDGE 400V 1.5A	\$1.73
172A	T-NPN SI-DARLINGTON AMP TO-98/92	\$0.98	5322	RECTIFIER-SI BRIDGE 200V 25A	\$4.80
177	Diode-SI Gen Purp Det 200 PRV DO-35	\$0.99	5332	RECTIFIER-SI BRIDGE 600V 1A	\$1.67
181	T-NPN SILICON AUDIO AMP TO-3	\$5.59	5342	RECTIFIER-SI BRIDGE 600V 40A	\$9.52
184	T-NPN SILICON AUDIO PO TO-126	\$1.50	5344	RECTIFIER-SI BRIDGE 1000V 40A	\$12.99
185	T-PNP SILICON AUDIO PO TO-126	\$2.75	5800	RECTIFIER-50 PRV 3A Axial Lead DO-201	\$0.51
199	T-NPN SI-LO NOISE TO-92	\$1.06	5801	Rectifier-100 PRV 3A Axial Lead DO-201	\$0.76
253	T-NPN SIL DARL 80V HFE-2000 TO-126	\$2.37	5804	Rectifier-400 PRV 3A Axial Lead DO-201	\$1.18
261	T-NPN SIL DARL 80V TO-220	\$2.33	5809	RECT-1000 PRV 3A Axial Lead DO-201	\$2.60
262	T-PNP SIL DARL 80V TO-220	\$2.38	5812	RECTIFIER-100 PRV 6A	\$1.58
263	T-NPN SIL DARL 80V TO-220	\$2.44	5814	RECTIFIER-400 PRV 6A	\$1.84
287	T-NPN SI-HI VLTG Gen Purp AMP TO92	\$0.80	5815	RECTIFIER-600 PRV 6A	\$2.89
289A	T-NPN SI-AF POWER OUTPUT TO-92	\$1.42	5817	RECTIFIER-1000 PRV 6A	\$3.70
290A	T-PNP SI-AF POWER OUTPUT TO-92	\$1.47	6419	SIDAC 110-125V	\$2.76
291	T-NPN SI-POWER OUTPUT/SW TO-220	\$1.99	7407	IC-TTL Hex Buffer/Driver 14-Pin Dip	\$1.57
303-5	Pack HEAT SINK COMP'D 1 GRAM	\$1.72	8085	THERMAL FUSE 87°C	\$1.49
331	T-NPN SI-AUDIO PO/SWITCH TO-220	\$2.99	8090	THERMAL FUSE 93°C	\$1.49
373	T-NPN SI-AF DRIVER TO-126	\$1.98	8098	THERMAL FUSE 100°C	\$1.49
378	T-PNP SI-Power Driver/Output TO-220	\$3.38	8103	THERMAL FUSE 104°C	\$1.49
399	T-NPN SI-VIDEO OUTPUT GIANT TO-92	\$2.30	8118	THERMAL FUSE 121°C	\$1.49
422-2	Pack Insulator Kit for TO-220 Package	\$1.96	8139	THERMAL FUSE 141°C	\$1.49
423-2	pack IC SOCKET 8PIN DIP	\$1.34	8181	THERMAL FUSE 184°C	\$1.49
458	JFET-N-CHAN GEN PURP AMP TO-92	\$1.99	8213	THERMAL FUSE 216°C	\$1.49
506	RECTIFIER-SI-HI CUR/FAST SWITCH	\$1.78	8242	THERMAL FUSE 240°C	\$1.49
519	DIODE-SI FAST SWITCHING DO-35	\$0.99	75189	IC-DTL QUAD Line Driver 14-PIN DIP	\$2.14
552	RECTIFIER-SI 600 PRV 1A DO-41	\$1.39	TP0001	THERMO PAD FOR TO-3 PACKAGE	\$1.66
558	RECTIFIER-SI 1500V 1A DO-41	\$1.54	TP0002-100	Thermo Pad for TO-66 Package	\$17.95
570	D-SI CONTR AVALANCHE 135V TO 80V	\$1.44	TP0004	THERMO PAD FOR TO-126 PACKAGE	\$0.89
574	R-SI 400V 1A FAST RECOVERY DO-41	\$0.62	TP0006	THERMO PAD FOR TO-220 PACKAGE	\$1.22
576	RECTIFIER-SI 400V 5AMP 35NS DO-27	\$1.70	TP0007	THERMO PAD FOR DO-5 PACKAGE	\$1.34
577	RECTIFIER-SI 1000V 5AMP 70NS DO-27	\$2.97	TP0010	Thermo Pad FORTO-3PML PACKAGE	\$2.20

Regulators / Conditioners



ONEAC power conditioners combine an isolation transformer with power conditioning to protect your equipment. Various power connections are available. Made by ONEAC.

Input 120 VAC 16 amps 60 hz. Output 120 VAC 16 amps.

15.3x9.5x8, 60 lbs sh., #CB1120, \$115.00

Input 208 VAC 16 amps 50/60 hz. Output 240/120 VAC 16 amps. Load regulation 2%. 18.3x10.5x10.5, 100 lbs sh. #CC2333, \$125.00

Input 208 VAC 12.6 amps. Output 240/120 VCT 10.4 amp. 18.3x10.5x10.5, 95 lbs sh. #CS2328-8, \$95.00

Input 208 VAC 20.8 amps. Output 240/120 VCT 17.4 amp. 18.3x10.5x10.5, 95 lbs sh. #CS2348-8, \$115.00

Input 120 VAC 12 amps. Output 120VAC 12 amps 50/60 hz. 15.3x8.5x5, 45 lbs sh. #CS1115R, \$99.00



Sola Constant Voltage Transformer. Input 95-130V 3 amps; 175-235V 1.7 amps; 190-260V 1.5 amps; 380-520V 750ma. Output 120 volts 250VA. Used, #63-23-625-8, \$75.00

50 Hz Sola Regulator. Input 110/120V 2.8 amps; 220/240V 1.4 amps; 380/415V 800ma. Output 110/120/220/240 volts 250VA. Output 110/120/220/240 volts 250VA. Used, #63-23-125-4, \$50.00

Dynamotor Supplies

#D-10A Used, \$15.00
#D-401 Used, \$12.00
#DM-36 Re-new, \$15.00
#DM-53-24, 24V Used w/ base, \$10.00
#DM-53-12, 12V Unused w/o base, \$14.00
#DY-9 or equal from ARC1, \$14.00
#DY-86 from ARN-30, \$15.00
#DY-107 Used, \$37.50
#PE-98 14V Used, \$30.00
#PE-133 Unused, \$15.00

Dynamotor BD-77 for BC-191 radio. 14 volts 39 amp input. 1000 volt 350ma output. 9.3x10.5x7.2, 38 lbs sh. #BD-77, Unused, \$100.00

#2C4312/B50 HINGE SET for the DM-21 in BC-312/342, Used, \$7.00



PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

Other Semiconductors

2N3716, \$1.95 2N4126, 5/\$1.00 2N6292, 2/\$1.00
2N3739, \$1.95 2N5428, \$1.00 2N6675, \$3.95

REGULATORS

1.2-37V 1.5A out; 0.03% load reg., #LM-117K, \$3.50
30W 3 amp 5V positive regulator, #LM-123K, \$1.95
Negative adjustable regulator, #LM-137K, \$1.95

Metal Oxide Varistors "MOV"

#S14K130 130V \$1.25, #S14K175 175V \$1.50
#Z510LA40A 820VDC 110 Joules, \$1.20

IsoTop Power MOSFET

Power MOSFET, Low gate charge- Fast Switching
Rds on 0.180 ohm, Id continuous 40Amps Pd watts
690, Ciss(pf)11715 Qg (nC) 468, removed from equipment,
no hardware. Hardware required is metric.
15/16"D x 1 7/16"W x 7/16"H, #APT8018, \$15.00

Rds on 0.150 ohm, Id cont. 38Amps, Pd watts 520,
Ciss(pf)5540 Qg (nC)242 removed from equipment, no
hardware. Same style as above. #APT6015, \$14.75

Motorola Switchmode II NPN power transistors. For
switching and inductive load drivers. 450VDC 15A
175 watts. TO-3 case. #BUX48A, Unused, \$3.25

Rectifiers

1 AMP 50 PIV, #1N4001, 20/\$1.00
1 Amp 400 PIV, #1N4004, 15/\$1.00;
1 Amp 1000 PIV, #1N4007, 10/\$1.00
12A 100V, #1N3890, 4 for \$3.00
35A 100V, #1N1184, Used, \$1.00
200 PIV 300 A; 4" tail. #D-R610-0230, Used, \$8.95
RF DIODES: 1N21, \$1.50; 1N23, \$2.50

Motorola MR1265FL Rectifier rated 300 PIV 650
amp; with hardware. 3.3x2.3x3.3, 3 lbs New, \$17.50

Diode Heatsink Assembly



with six MR-1815-SL 300 PIV 300
amp diodes; heatsink
2.6x9.4x4.8, 4 lbs sh.
#DHS6-1815, \$29.95



SILICON CONTROL RECTIFIER assembly
single phase half-wave; GE
#C1411CX5 or equivalent. Rating
approx 500 V 35 amps. 7x6.3x5, 4 lbs
sh. #KS-19576L1, Used, \$6.95



POWER HEATSINK with SCR
Westinghouse T600121504BT.
This series is 1.2KV. Could
not find specs but it should
be at least 125 Amps. Also,
diode IR 150K120A 1.2KV 150 Amps MOV V510PA80C.
No specs on this but it is large. Heatsink 7.75" x 6" x
3", 8 lbs #T600121504BT, \$12.95

Heatsinks



Heat Sink Bonanza!!! Get 10
pounds of various heatsinks in
different shapes & sizes with or
without diodes & semiconductors.
#HEAT-10GB, \$10.

As above but 25 pounds. #HEAT-25GB, \$19.95

1.75" square Heatsink for one TO-3. Has 4
mounting holes. #680-75A, Unused, \$1.25



Heatsink for one TO-3. 1.9" x 1.4",
#THM-6013, Unused, \$1.00

3x4.5x1.3 for two TO-36, #2T34513, \$1.25 ea

HEATSINK, 5x3x1.6; drilled for 3 large stud rectifiers
(1" dia recesses), #3D528-8, \$2.00

AC Fans



5-BLADE COOLING FAN, 4.6"
dia rotation; no enclosure.
Mounting bracket hole centers
5.9" apart. 115 VAC 60 Hz. 2 lbs
shipping. Mfg by Airtrol.
#11-2100, New, \$4.95

AXIAL FANS, 4.7" sq X 1.5" thick; 115 V 60 Hz.

5-BLADE in metal frame; 18 W.
Various mfg. #FN-5U, Used, \$8.95



5-BLADE as above except .11 amp,
#TA450S, Unused, \$13.00



ROTRON TARZAN FAN, 6.8" square
X 4" D plastic frame fan moves 340
CFM of air from 115 V 50-60 Hz 85
watt input; 5 lbs shipping. #TN3A2,
Used-clean, \$19.95

6 Fan Panel

17.3"W X 10.5" panel frame
has six high output Torin
TA450S (or =) 4.6" square 5-
blade metal-framed fans.
Each fan rated 65 CFM and
requires 115 VAC 50-60 Hz
0.11 amps; 12 lbs. #6F-PNL, Used-excellent, \$39.50



DC Fans

Mini BOXER 12 VDC FAN, 0.13 amp; 3.6" sq X 1".
#3610NL, New, \$10.00



PANAFLO MINIATURE 12 VDC FAN
2.3" sq.
#FBP-068-12L, New, \$7.95

PAPST 18 VDC 2 w / 30 VDC 3 W FAN 9-blades; 3.5"
sq X 1" deep. #3124F, New, \$9.00



CENTAUR 24 VDC AXIAL FAN, 11
watts but operates well at 12 VDC.
4.7"sqx 1.5" D metal frame with 5-
blade plastic fan; 2 lbs sh.
#CNDC24K4-601, Unused, \$8.95

SUNON 24 VDC FAN, 6 watts. 4.7" sq x 1.2" deep plastic
frame with 5 blades. Metal guards on each side.
#KDE2412, Unused, \$10.00

Hupp Vehicle Fan



12 VDC HUPP FAN with oscillating
grill designed for use in
cars, trucks, buses, RV's, etc
where "extra" air movement is
desired. Plugs into vehicle
cigarette lighter and mounts

on dashboard or other flat surface. White plastic
enclosure has black grill and pivots on mount to
adjust angle. Includes 4 ft cord and brackets. 5 x 9 x
3.4, 4 lbs. #HUPP-200-14, New, \$12; 3 for \$30.00

IC Sockets

LOW PROFILE

16 PIN, #ICS-16-LP, 12 for \$1.00
20 PIN, #ICS-20-LP, 10 for \$1.00
22 PIN, #ICS-22-LP, 6 for \$1.00
24 PIN, #ICS-24-LP, 6 for \$1.00

STANDARD

24 PIN, #ICS-24-S, 2 for \$1.00
28 PIN, #ICS-28-S, 2 for \$1.20
40 PIN, #ICS-40-S, \$1.00 each

WIRE WRAP

14 PIN, #ICS-14-WW, 6 for \$2.00
16 PIN, #ICS-16-WW, 6 for \$2.00
18 PIN, #ICS-18-WW, 5 for \$2.00

Selsyns & Synchros

CONTROL TRANSFORMER 90/55 V 60 Hz; 3.6"Lx2"
dia. 2 lbs. sh. #1HCT-MKII, Used, \$20.00

RECEIVER, 115 VAC 400Hz, #23TR4, used, \$10.00



TACHOMETER GENERATOR, motor
265 V 400 Hz 2 phase; generator 18
V 400 Hz 0.3V/1000 RPM. No load
speed 10000 RPM. 2 1/8"Lx1" dia 3/16"Lx1/8" dia
shaft. #TACH-SEL-MOD, \$7.95

PHASE SHIFTER, unsymmetrical resolver; rotor 1
phase 5 V 30 Hz. stator 2 phase 5 V 30 Hz. 1.4" dia
x 2"L. #PS-17-E-1, used, \$10.00

AY-1 AUTOSYN as used in I-81/ I-82 indicators;
2 lbs sh. #AY-1, \$7.50

UNITED STATES NAVY SYNCHROS, Description
and Operation, a copy of Publication #OP 1303
printed April 1958; 100 + page primer about sel-
syn/synchro theory and types. #BK-USNS, \$12.50

Compass Indicators

3" DIA 0-360 deg-ree RADIO COM-
PASS INDICATOR, adaptable for
wind direction & antenna position
use; 5 degree increments, 2 lbs
shipping. #I-81, Used, \$13.00
Connector for I-81, #CONN-I81, \$8



BENDIX IN-4D LEFT-RIGHT INDICA-
TOR, 3" dia WW-2 vintage in-
strument shows wing-tip position rela-
tive to ground; requires 24 VDC. 2
lbs. #IN-4D, \$15.00

SPERRY MARINE INDICATOR

MARK XX MOD.2, part of ship-
board gyrocompass repeater. Has
8" dia 360 degree scale in 1" incre-
ments under glass; uses two Size-
5 115 VAC 60 Hz selsyn transmit-
ters. One drives inner directional
indicator; second outer degree scale. With 7 ft
cable & special connector; 10" dia X 8.5"D; 45 lbs
sh. #IN-SPERRY, Unused, \$125.00



12VDC Fans



12VDC DC Fans with sleeve type bearing. New,
1.6"x1.6"x0.48", 3CFM, #BSS12/4LC, \$3.95
2.4"x2.4"x1.0", 11CFM, #BSS12/6LC, \$4.95
3.1"x3.1"x1.0", 15CFM, #BSS12/8LC, \$4.95
3.6"x3.6"x1.0", 22CFM, #BSS12/92LC, \$4.95
4.7"x4.7"x1.0", 44CFM, #BLS12LC, \$9.95

Blowers

Blower from T-368 transmitter. Inlet is 2.2". Outlet
is 1.6" x 1.4". Motor is rated 1/50 Hp; IPH 0.3 amps;
115V 60Hz; 3300 RPM. Needs 4 or 5 MFD
Capacitor. 6 lbs sh. #BLO-T368, \$30.00

Blower from Howard
Industries. Inlet is 1.5".
Outlet is 1.3" x 1.2". Motor
is rated .003 HP; 16 watt;
115V 60Hz. 4 lbs sh.
#127S297, \$12.95



MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

DC Motors



6 to 24VDC Gear Motor by Globe. Rated at 54 RPM at 24VDC; 23 RPM at 12VDC; and 11 RPM at 6VDC. Originally designed for 24VDC. Removed from the AM-3349 amplifier. 1/4" diameter shaft x 3/8" long. O/A 4.2x2x1.6, 3 lbs sh. #5A2871, Used, \$18.95

DC MOTOR, operates over 10-15 VDC 100 ma 2375-2425 RPM with governor. Shaft 5/16"L x 1/16" dia; o/a 2.9x1.1. #AST-GK26, \$8.



MULTI-SPEED 24 VDC PM MOTOR can be wired for 11500 RPM 0.012 HP 0.7 amp or 3000 RPM 0.033 HP 2.3 amp operation; motor starts to turn at 9 VDC and is reversible. 6"x2.3" dia with 3.6" dia collar; geared shaft 0.6x0.4" dia. 3 lbs. Sperry mfg. #2960031, used, \$8.95

24-29VDC Motor by Globe Industries. No load ratings 60 RPM and 0.5 amp. Has removable cam on shaft. 1/4" dia. shaft. 5x1.5x1.5, 2 lbs sh. Used, #C5A1054, \$14.95



Globe 27 VDC Mini-PM Motor, p/o Collins 618T P-A; splined shaft 1/4"L x 1/8" dia; o/a 1.7"Lx0.9"dia. #41A205, used, \$7.50

GLOBE 27 VDC 1/100 HP MOTORS, 2.5"X1.3" DIA 11000 RPM, p/o ARC-45, #C-25A686, used, \$7.95

JOHN OSTER SERIES MOTOR, 27 VDC 1/100 HP 7000 RPM. 3"Lx2" dia + 1"L x 1/4" dia shaft; 2 lbs sh. #C2BP1A, Unused, \$3.95



28VDC 1.1 Amp Motor by John Oster Mfg. 12000 RPM. 1 oz. in. torque. 3/16" diameter shaft. o/a 4.8x2.3x3.3, 3 lbs #BL-2-IS, Used, \$7.95; 3 / \$20

15 degree 4-PHASE VR STEP SERVO, 5 ohms 1.5 A; 28 VDC input pulse 3/4x 1/4" dia shaft; o/a 3x3 1/4x3, 2 lbs. sh. Made in Canada; removed from equipment. #20M34C1, \$10.00



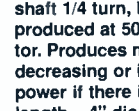
NORTHFIELD ELECTRIC or HAMILTON BEACH, 28.5VDC, 2800 RPM motor. 3.1 amp with 1/40 HP. 1/4" dia shaft with removeable gear x 1/2" long. o/a 4" x 2.3", 3 lbs, #1-1501, Used, \$9.95 As above but 1/33HP, 3000RPM, 2.5A, #AWC-1000, \$10

15 DEGREE STEPPER MOTOR from printer; requires +9 to +40 VDC. High speed & performance w/ driver circuit info. 1x1.3" dia shaft; o/a 5.8"x1.6" dia, 2 lbs sh. 2 ohm field, #RBM-2-62, \$12.50 4 ohm, #RBM-4-62, \$15.00 5.8 ohm, #RBM-6-62, \$17.00



Magnetek Variable Speed 3/4 HP DC Motor. 90 VDC 10 Amps 3450 RPM. Rated for CCW rotation comm end. 11.3 x4.9 dia. 22 lbs #22254200, Unused, \$150

40 vdc PM motor/generator by Ametek. Strong torque. Good for driving anything that needs to be driven like electric carts. Applying a 6 volt light bulb on the unit and turning the shaft 1/4 turn, lights the bulb fully. Imagine the power produced at 500 to 1500 RPM! Ideal as a wind generator. Produces more or less than the rated voltage by decreasing or increasing shaft rpm. Produces free power if there is wind. Shaft is 5/8" diameter 1.2" length. 4" dia. X 5.8" long. #116870-01, \$34.95



24VDC PM Motor, will run from 6 to 30VDC at approximately 200 RPM per 6V. 5/8" diameter shaft is 2"L one end, 5/8"L on other. 10"L x 3/8" Dia., 16 lbs. #DH-4000-AD7, Used, \$39.50

AC Motors



BODINE AC GEARHEAD MOTOR 200 RPM 1/7 HP 35 in/lb torque, counter-clockwise rotation; 115 VAC 60 Hz input. Shaft 1.3"Lx 5/8" dia w/ 3/16" square key. O/a 8.5"Lx5.5" dia; 14 lbs sh. #ECCI-35E200, used, \$28.95

240 RPM 115 V 60 Hz GEAR MOTOR for intermittent use; starts @ 32 V approx 200 RPM. Increased volts increases torque. Gearhead extends 2.8" beyond motor; 1.1"Lx1/4" dia shaft. Motor 2.8x2.8x2.4 + 5/8"x3/16" dia shaft for fan on rear, 3 lbs sh. #MOL-2460, unused, \$5.95



GENERAL ELECTRIC REVERSIBLE FAN MOTOR, ball-bearing 115 VAC 60 Hz 1 amp 225 RPM motor. Use with fan blades unless cooled by other means. Has mount flanges and 5 mf capacitor; 4.5"Lx5.5" dia + 1.5"L x5/8" dia hollow shaft, 11 lb #5KCP39EGH210, new, \$12.00; 3 / \$20.00

Ametek Shop Vac Motor. This is the very high speed motor used in some shop vacuums. Unit as pictured, motor only with small cooling blades. Shaft approx .5 inch long, 5/16 diameter. 5.3x4.6x4.6, 5 lbs sh. #17749-00, Unused, \$12.95; 3 for 22.00

115 V AC-DC MOTOR, starts at 25 VDC, runs CW approx 7000 RPM 1/8 HP. 2.3x3x4.5 + 1.5"Lx0.4" dia spiraled shaft; 3 lbs sh. #AC-DC-H02, \$3.00



PRINTER MOTOR ASSEMBLY, 24 VAC 60 Hz geared to about 4 RPM; can be wired for clockwise or CCW rotation. 2.8x2.5" dia motor on 3.8" sq metal plate; 2#. #MIZ-M0375R, used, \$3.95; 3 for \$10.

Motor Start/Run Caps



MOTOR START AC ELECTRLYTIC. New not surplus.

110/125 volt
21-25mfd, #MSC125V21, \$2.98
124-149mfd, #MSC125V124, \$3.48
161-193mfd, #MSC125V161, \$3.69
189-227mfd, #MSC125V189, \$3.88
216-259mfd, #MSC125V216, \$4.15
270-324mfd, #MSC125V270, \$4.52
590-708mfd, #MSC125V590, \$7.73

220/250 volt
21-25mfd, #MSC250V21, \$3.69
30-36mfd, #MSC250V30, \$3.91
53-64mfd, #MSC250V53, \$4.83



MOTOR RUN AC METALIZED. New not surplus.

370VAC
2mfd, #MRC370V2, \$5.90
4mfd, #MRC370V4, \$6.46
5mfd, #MRC370V5, \$6.68
7.5mfd, #MRC370V7R5, \$7.41
10mfd, #MRC370V10, \$8.05
15mfd, #MRC370V15, \$13.68
25mfd, #MRC370V25, \$16.38

440VAC
10mfd, #MRC440V10, \$11.99
20mfd, #MRC440V20, \$18.65
25mfd, #MRC440V25, \$20.85

AC Capacitors

5 mf 220 V 1.8" dia x4.5; cylind. #AC-5-220, \$2.00
7.5 mf 260 V, 2.8x2x1.3, #AC-7.5-260, \$2.00
3.5 mf 330 V 1.3x2.1x2.1; #AC-3.5-330, \$2.50
15 mf 330 V, 2.2x2.9x4; #AC-15-330, \$3.50
20 mf 330 V, 2.8x5x1.8; #AC-20-330, \$4.00
2.5 mf 360 V 1.2x2x2.6; #AC-2.5-360, \$3.00
3 mf 370 V 1.3x2x2.7; #AC-3-370, \$3.00
10 mf 370 V, 2.8x3x1.8; #AC-10-370, \$3.75
4 mf 380 V 1.3x2x4; #AC-4-380, \$3.50
7.5 mf 480 V 1.6x2.6x4.6; #AC-7.5-480, \$4.00
21 mf 525 V 1.9x3.5x6.7; #AC-21-525, \$7.00
5 mf 1000 V pk 2.8x6x2, #AC-5-1000, \$3.50

Multi-Section Capacitors

The Multi-Section Capacitors listed below are unused by various mfg. To see a further listing of multi-section caps go to fairradio.com/multis.htm

MFD	Volts	Size	Part #	Price
300-100-80	150-150-150	2.5X1.3	#MULT-300,	\$6.75
80-100-30-10	175-400-400-150	3.8x1.5	#MULT-80,	\$7.00
75-75	300-300	2.5X1.3	#MULT-75,	\$7.25

Brown Mica

JAN CM-size 1.8" x1.6". Used, \$1.25:

MFD	WVDC	CM	Part #
.02	600	55	BM-02
.033	600	55	BM-033
.005	1200	55	BM-005

+++++

CM	MFD	WVDC	Part #	Price
55	.0003	1200	BM55-0003,	\$2.50
60	.0003	2500	BM60-0003,	\$3.25
65	.0062	2500	BM65-0062,	\$3.50



+++++ F1L-size MICA, 2.8x1.5x1:

MFD	WVDC	Part #	Price
0.006	2500	BM1-006	\$4.00
0.0001	3000	BM1-0001	\$4.00
0.0007	3000	BM1-0007	\$4.00

F3L 0.007mf 500VAC, #BM3-007, \$7.50

Transmitting Mica

G-SERIES TRANSMITTING CAPACITORS, used-good or unused as available.

G-1-type, 2.3"H x 2.8" dia; 3 lb \$7.50

KV	MFD	Part#
1.0	0.04	1TM-04
1.5	0.08	1TM-08
1.5	0.09	1TM-09
1.5	0.039	1TM-039
6.0	0.0047	1TM-0047
6.0	0.0001	1TM-0001
6.0	0.0002	1TM-0002
6.0	0.00024	1TM-00024

G2, 3.5"Hx3" dia, \$12.00

KV	MFD	Part#
20.0	0.00005	2TM-00005

G3, 4"H x5" dia, \$18.00

KV	MFD	Part#
2.5	0.15	3TM-15
10.0	0.00015	3TM-00015
20.0	0.000015	3TM-000015

G4, 5.5"Hx 5" dia. 8 lbs. \$32.00

KV	MFD	Part#
4.0	0.084	4TM-084



CHECK OUT OUR LATEST FEATURE ITEMS AT FAIRRADIO.COM

Electrolytic Axial

All the Electrolytic Capacitors listed below are axial lead and are new.

16 volts

mfd	part #	price	4-9	10+
50	ELE-50-16	4/\$1.00	\$0.25	\$0.23
6800	ELE-6800-16	2/\$0.70	\$0.25	\$0.23

50 volts

mfd	part #	price	4-9	10+
1	NEH1.0M50AA	3/\$1.20	\$0.39	\$0.34
2.2	NEH2.2M50AA	3/\$1.20	\$0.39	\$0.34
4.7	NEH4.7M50AA	3/\$1.20	\$0.39	\$0.34
10	NEH10M50BA	3/\$1.30	\$0.42	\$0.37
22	NEH22M50BB	2/\$1.20	\$0.58	\$0.54
33	NEH33M50CB	2/\$1.30	\$0.62	\$0.58
47	NEH47M50CB	2/\$1.45	\$0.70	\$0.66
100	NEH100M50CC	\$1.00	\$0.97	\$0.90
150	NEH150M50	\$1.29	\$1.25	\$1.18
220	NEH220M50DD	\$1.29	\$1.25	\$1.18
470	NEH470M50EE	\$1.69	\$1.64	\$1.56
1000	NEH1000M50FF	\$2.62	\$2.55	\$2.41
2200	NEH2200M50FG	\$4.84	\$4.71	\$4.45
4700	NEH4700M50JB	\$8.48	\$8.25	\$7.81

63 volts

mfd	part #	price	4-9	10+
1500	ELE-1500-63	2/\$1.20	\$0.55	\$0.50

160 volts

mfd	part #	price	4-9	10+
10	C-ET220-160	\$1.12	\$1.07	\$0.99
22	C-ET220-160	\$1.52	\$1.47	\$1.38
47	C-ET220-160	\$2.05	\$1.98	\$1.84
100	C-ET220-160	\$2.24	\$2.15	\$1.99
220	C-ET220-160	\$2.62	\$2.52	\$2.35

200 volts

mfd	part #	price	4-9	10+
1	ELE-1-200	2/\$1.20	\$0.55	\$0.50

350 volts

mfd	part #	price	4-9	10+
10	MB-10-350	\$1.20	\$1.13	\$1.00
22	MB-22-450	\$1.80	\$1.70	\$1.50
33	MB-33-450	\$2.59	\$2.39	\$2.19
47	MB-47-450	\$2.60	\$2.40	\$2.20
100	C-ET100-450	\$4.18	\$4.02	\$3.74
220	MB-220-450	\$4.19	\$4.03	\$3.75

450 volts

mfd	part #	price	4-9	10+
10	MB-10-450	\$1.27	\$1.19	\$1.10
22	MB-22-450	\$2.70	\$2.50	\$2.30
47	MB-47-450	\$2.95	\$2.75	\$2.50
100	C-ET100-450	\$6.18	\$5.99	\$5.53

100mf 16V PC Mt, #ELE-100-16, 4/\$1.00

- Electrolytic Capacitor Kit -

120 Pieces. Contents: 15 of each of the following: 1µF/50V, 2.2µF/50V, 4.7µF/50V, 10µF/50V, 22µF/50V, 47µF/25V, 100µF/25V; 5 of each of the following: 220µF/25V, 470µF/25V, 1000µF/25V; #K/CAP2, New, \$15.90

Computer Grade

MFD	Volts	Size	Part#	Price
23000	7	5.5x1.5	CGC-7	\$60
4900	50	3.5x1.5	CGC-50	2.00
3500	55	4x3	CGC-55	1.50
1000	200	4x3	CGC-200	12.50
1500	350	4.5x2.5	CGC-350	20.00

Buy 5 or more one type - take 20% off
CLAMP for computer grades: 2" diameter, #CL-2, 3 for \$2.00
2.5" diameter, #CL-2.5, 3 for \$2.25

Orange Coating

All the Xicon Polypropylene (Orange Coating type) Capacitors listed below are in new condition.

630V

MFD	Part#	Price	4-9 pcs	10&up
.0022	OMB0022	2/\$1.00	\$0.45	\$0.39
.0047	OMB0047	2/\$1.00	\$0.45	\$0.39
.0056	OMB0056	2/\$1.00	\$0.45	\$0.39
.0068	OMB0068	2/\$1.00	\$0.45	\$0.39
.0082	OMB0082	2/\$1.00	\$0.45	\$0.39
.01	OMB01	2/\$1.00	\$0.45	\$0.39
.022	OMB022	2/\$1.00	\$0.45	\$0.39
.033	OMB033	2/\$1.00	\$0.45	\$0.39
.047	OMB047	2/\$1.50	\$0.69	\$0.59
.056	OMB056	2/\$1.50	\$0.69	\$0.59
.068	OMB068	2/\$1.50	\$0.69	\$0.59
.082	OMB082	2/\$1.50	\$0.69	\$0.59
.1	OMB1	2/\$1.50	\$0.69	\$0.59
.22	OMB2	\$1.00	\$0.95	\$0.85
.47	OMB47	\$1.95	\$1.75	\$1.50
1.0	OMB1MFD	\$1.96	\$1.76	\$1.51

0.33mf 100V orange drop, #OR-33, 2/1
0.68mf 100V orange drop, #OR-68, \$0.95

1KV Disc Capacitors

Part #	Price	10-24	25+
3.3pf 9003D3	5/\$0.99	\$0.18	\$0.16
5.0pf 9005D0	5/\$0.99	\$0.18	\$0.16
10pf 90010	5/\$0.99	\$0.18	\$0.16
20pf 90020	5/\$0.99	\$0.18	\$0.16
47pf 90047	5/\$0.99	\$0.18	\$0.16
68pf 90068	5/\$0.99	\$0.18	\$0.16
100pf DSC-100	7/\$1.00	100/\$9.00	
120pf 90112	5/\$0.99	\$0.18	\$0.16
220pf 90122	5/\$0.99	\$0.18	\$0.16
330pf 90133	5/\$0.99	\$0.18	\$0.16
470pf 90147	5/\$0.99	\$0.18	\$0.13
680pf 90168	5/\$0.99	\$0.18	\$0.13
820pf 90182	5/\$0.99	\$0.18	\$0.16
1000pf 90210	3/\$0.99	\$0.29	\$0.19
2200pf 90222	3/\$0.99	\$0.29	\$0.24
4700pf 90247	3/\$0.99	\$0.29	\$0.19
7500pf 90275	3/\$0.99	\$0.29	\$0.24
0.01µf 90310	3/\$0.99	\$0.29	\$0.19
0.050µ 90350	\$0.99	\$0.94	\$0.88
0.10µf 90410	\$1.29	\$1.22	\$1.14

- Disc Capacitor Kit -

224 Piece 50 volt Ceramic Disc Capacitor Kit, Contents: 21 of each of the following: 10pF, 100pF, 1000pF, 0.01µF, 0.1µF; 14 of each of the following: 22pF, 47pF, 220pF, 470pF, 2,200pF, 4,700pF, 0.022µF, 0.047µF; 7 of each of 0.220µF; #K/CAP1, New, \$15.90

22pF, 47pF, 220pF, 470pF, 2,200pF, 4,700pF, 0.022µF, 0.047µF; 7 of each of 0.220µF; #K/CAP1, New, \$15.90

Misc Capacitors

2500mf 3V Can Type 3.5x1, #MC-2500, 6/\$1
4.7mf 35V drop tant, #MC-47, 3/\$1
0.1mf 400V case ground, #MC-0.1, \$2.
3.3mf 400V metal. poly prop. #MC-3.3, \$2

FEED-THRU SUPPRESSION CAPS, ERIE 1202 1000 pf 1KV. Used, #1202-1000, 3/\$2.25

DIPPED MICA CAPS, +/-10% 100v: 3/\$1.00 #DIP-(specify pf), pf: 18 22 27 33 82 150 220 470 2/\$1.00; pf: 750 1000 1200 * 1800 pf 300 v. 3 / \$2.50

Metalized Polyester

All the Metalized Polyester Tubular Capacitors listed below are new.

630 volts

MFD	Part #	Price	4-9 pcs	10&up
.001	YMB001	2/\$1.50	\$0.69	\$0.59
.0022	YMB0022	2/\$1.50	\$0.69	\$0.59
.0033	PY0033	2/\$1.50	\$0.69	\$0.59
.0047	YMB0047	2/\$1.50	\$0.69	\$0.59
.0056	YMB0056	2/\$1.50	\$0.69	\$0.59
.0068	YMB0068	2/\$1.50	\$0.69	\$0.59
.01	YMB01	2/\$1.70	\$0.79	\$0.69
.022	YMB022	2/\$1.70	\$0.79	\$0.69
.033	YMB033	2/\$1.70	\$0.79	\$0.69
.047	YMB047	2/\$1.70	\$0.79	\$0.69
.056	YMB056	2/\$1.70	\$0.79	\$0.69
.068	YMB068	2/\$1.70	\$0.79	\$0.69
.1	YMB1	\$1.25	\$1.15	\$1.05
.22	YMB22	\$1.25	\$1.15	\$1.05
.47	YMB47	\$1.25	\$1.15	\$1.05
.68	PY68	\$1.95	\$1.80	\$1.60
1.0	YMB1MFD	\$1.96	\$1.81	\$1.61

Mylar

The MLR series is a range of radial lead non-polarized polyester film (Mylar) capacitors dipped in a hard epoxy coating material to provide excellent protection against moisture. These devices are intended for general purpose DC applications.

100 volt

mfd	part #	price	4-9	10+
.0022	MLR222K100	3/\$1.00	\$0.29	\$0.22
.0047	MLR472K100	3/\$1.00	\$0.29	\$0.22
.01	MLR103K100	3/\$1.00	\$0.29	\$0.22
.022	MLR223K100	3/\$1.00	\$0.29	\$0.22
.047	MLR473K100	3/\$1.19	\$0.36	\$0.29
.1	MLR104K100	2/\$1.00	\$0.46	\$0.39
.22	MLR224K100	2/\$1.39	\$0.65	\$0.59
.33	MLR334K100	\$0.99	\$0.89	\$0.76
.47	MLR474K100	\$1.05	\$0.99	\$0.92

630 volt

mfd	part #	price	4-9	10+
.001	MLR102K630	2/\$1.19	\$0.56	\$0.52
.01	MLR103K630	2/\$1.00	\$0.46	\$0.39
.022	MLR223K630	2/\$1.00	\$0.46	\$0.39
.047	MLR473K630	2/\$1.19	\$0.55	\$0.49
.1	MLR104K630	2/\$1.39	\$0.65	\$0.59
.47	MLR474K630	\$1.99	\$1.89	\$1.79

RF Capacitors

Centralab 850-TYPE "door-knob" capacitors, 7.5KV, 0.5"H x 0.8" di; Used, \$6.00
#850-(specify pf), 10, 12, 25, 28, 40, 47, 50, 57, 63, 67, 75 pf

1200pf 5KV from Ceramite, epoxy make, same size as above. #CERA-1200, \$6
TYPE 857: 15KV, 40 or 50pf, #857-(specify pf), \$10.00

33pf 15KV from HEC type HT57, same size & style as Cent. 857, #HT57, \$10
As above except 50pf, #HT57-50, \$10

150pf 2KV low profile doorknob, 1.4" diameter x 0.8" height, #RF534, \$6.00
25pf 5KV from HEC type MT53, axial leads, #MT53, Unused, \$5.00

HV Capacitors

Energy Storage Capacitors Non-PCB, 88MF 1.2KVDC, 10"Hx 4.5"Wx3.5"D, #HVC-88, 11 lbs sh. Used, \$17.50

0.4 MFD 100,000 VDC CAPACITOR, A high voltage experimenter's dream! 41" long x 8.7" diameter 0.4 MF 100,000 VDC capacitor removed from an exotic government project! Non PCB. 1.4" L x .5" dia #18 stud ends, 97 lbs sh. #100MV04, \$350.00

Vacuum Capacitors

All Vacuum Variables listed below are 10-1000pf at 5KV and have 1/2" dia. shafts. Overall size 7.5" long x 2.8" diameter. Used high pot tested. 5 lbs sh. Energy Lab, Ceramic, #EL5-1000-5, \$189
Amperex, Ceramic, #CVC10/1K-5KV, \$200

Ceramic Vacuum Variable Capacitors. Each capacitor has a 3/8" dia. shaft with removable pin. Used.

300pf at 10KV, 3 5/8"D x 8 1/2"H, 7 lbs sh. #CVDD-300-10, \$245.00
200pf at 10KV, 3 5/8"D x 8 1/2"H, 7 lbs. #CVDD-200-10, \$245.00

500pf at 15KV, 3 1/4"D x 7 1/2"H, 1/2" dia. shaft. 7 lbs. #CVDD-500-15N613, \$325

1500pf at 10KV, 5.5"D x 9"H, 1/2" dia shaft, 14 lbs, #CVDB-1500-10, \$400.00
As above but 2300pf #CVDB-2300-10, \$475
3.5-7 pf 35 KV 4.3"Lx3" dia, 5 lbs sh. UNUSED, #CVA-7-5, \$75.00

FIXED VACUUM CAPACITORS

various mfg; used:
3pf 15 KV cer.; 3.3Lx0.8, #CY-3-15, \$12
25pf 10 KV, 2.6Lx1.5, #JCS-2A-10, \$15
12pf 20KV; 6.5Lx2.8, #VC-12-20, \$14
150pf 20 kv; 3.3Lx2.3, #CFEA-150-7, \$75

R-C Networks

R-C Network - 0.47mfd 600VAC, 220 ohm 7 watt, 3 phase. Made by R-K Electronics. 1.5x4.7x3, #RCY6A-30, \$12.00

R-C Network - 2mfd 600VAC, 100 ohm 3 watt. Made by Electrocube. 1.3x2.9x1.3, #RG1676-7, \$9.95

R-C Network - 0.5mfd 600VAC, 220 ohm 1/2 watt. Made by Electrocube. 1.3x2.9x1.3, #RG1676-35, \$9.75

R-C Network - 0.5mfd 200VDC, 47 ohm 1/2 watt. Made by Electrocube. 0.4x1x0.6, #RG1780-3, \$2.00

CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

Air Variable



5 Gang Air Variable Capacitor covering 20 to 425pf per gang with a .02" air gap. Has a 3/8" diameter shaft x

1/4" long. Overall 6.4x3.2x2.8, 4 lbs sh. #5G-425, \$16.00

Same ratings as above except has a removeable right angle drive which accepts a MC-124 tuning spline. Also has a longer shaft. With the right angle drive removed the shaft is 3/8" diameter with 1" length. #5G-425-GR, \$17.00



3 Gang, 4-25pf, 4-20pf, and 3-17pf. Air gap of around 0.03". 1.4"L x 1/8" diameter shaft. o/a 4x1.4x1.3, 1lbs sh. #3G-25, Unused, \$6.00

SINGLE GANG 8-26 pf 0.06" air gap; 2.8" disc removes for 0.5"L x 1/4" dia shaft. W /four 1.8"H insulators. Capacitor 1.5x2.8x3.1 o/a #T7660443-8, used, \$6.00

--- FM Tuner ---

H-K FM Tuner with AM capacitors, one FET/two transistor oscillator; requires -12V. Shaft 1"L x 1/4" diameter; o/a 3.5x2.3x2.8, 2 lbs sh. Mfg by Alps. #FB113U13, Unused, \$6.95

-- TRIMMER CAPACITORS --

with screwdrive adjust shafts:
#C653/R174, 2-11pf, 2 / \$1.00
#C2-16, 2-15.7pf, 3 / \$2.00
#C103/382, 4-23pf, 3 / \$2.25
#C5-25, 5-25pf, NPO 3 / \$2.50

Sub-mini Piston Trimmer Cap 1.5-4.0pf 500V. By JMC mfg. #7666, Unused, \$5.00

TRIM CAPACITORS.

Screwdriver adjust. These dielectric film trimmers are used on PCBs, e.g. in radios. Suitable for industrial equipment thanks to their good stability. Rated for 250 volts. New, \$1.90 each.

PF	Dia	Temp. Max.	Part #
5.5-65	0.39"	158F	#TRIM65P
5.5-80	0.39"	185F	#TRIM80P

Slide Resistors

with variable slide adjust:

Ohms	Watts	Part#	Price
4	25 W + 4 fixed	SR-4	3/\$2.25
15	50	SR-15	\$1.50
16	225	SR-16	\$7.50
20	25	SR-20	\$1.00
50	160	SR-50	\$2.50
100	150	SR-100	\$2.50
250	200	SR-250	\$3.00

Precision Resistors

DALE (or =) POWER RESISTORS metal-type:

Ohms	Watts	Tol.	Part#	Price
1.96	30	1%	PR-1.96	\$2.00
12	100	5%	PR-12	\$3.50
50	20	3%	PR-50	\$1.25
100	20	1%	PR-100	\$1.25
1370	50	1%	PR-1370	\$2.50

All the resistors below are 3 / \$1.00

Ohms	Watts	Tol.	Part#	Price
1.5	3.0	5%	PR-1.5	
5	0.33	1%	PR-5	
90	0.50	1%	PR-90	
600	0.25	1%	PR-600	
58K	0.50	1%	PR-58K	
1.04M	0.33	1%	PR-1.04M	

Ohms	Watts	Tol.	Part#	Price
0.33	3	1%	PR-0.33	2/\$1.00
3000	2	1%	PR-3000	2/\$1.00
902K	2	1%	PR-902K	3/\$2.25

Rheostats

First set of numbers after RHEO-prefix is wattage; your choice of ohms is second set. SCD= screwdriver adjust type. Style varies; USED or UNUSED:

#RHEO-25W-(ohms), \$1.50 ea
2, 6-scd, 7, 15, 35-scd, 60-scd, 200-scd, 350-SCD, 400, 450, 500,
#RHEO-50W-(ohms), \$2.25 ea
0.5, 4, 5, 8, 15, 18, 22, 100, 200, 225, 300, 350, 375, 2500
#RHEO-D50W-16, Dual 16 ohm, \$4.00
#RHEO-D50W-35, Dual 35 ohm, \$4.00
#RHEO-D50W-50, Dual 50 ohm, \$4.00
#RHEO-D50W-250, Dual 250 ohm, \$4.00
#RHEO-D50W-500, Dual 500 ohm, \$4.00
#RHEO-150W-2, 2 ohm, \$3.50
#RHEO-150W-75, 75 ohm, \$3.50
#RHEO-225W-3, 3 ohm, \$4.00
#RHEO-300W-50, 50 ohm, 3 lbs. \$8.

Potentiometers

ALPS or = with switch; 5/8" dia + term. Shaft 1/4" dia. \$1.00 each:
#POT-10K, 10Kohm; #POT-50K, 50Kohm
#POT-100K, 100K ohm

10-TURN PRECISION POTS, 1/4" dia shafts. 100 ohm 2.8"Hx1.8"dia. #A-R100-L25,\$7

ALPS 10K ohm potentiometer with a pull on / push off DPST switch. 1/4" diameter shaft. Probably good up to 1/2 watt. Used, #N-800, \$2.95; 4 / \$10

Grimes Four Section Potentiometer with knob. 1 K ohm at 2 watt per section. #A-4627, Unused, \$2.95

5 Kohm pot. with switch by PEC. 1/4" dia. shaft. #344832, Unused, \$3.00

DALE 70 WATT 5% 6- RESISTOR BANK, two ea 4 & 7 ohm. one ea 6 & 8 ohm; 6"L x 3" H. #R6X70W, \$4.50

Resistors

1/2 Watt to 2 Watt Metal Resistors

1/2 WATT		1 WATT		2 WATT	
6 for \$1.00	Ohms Part #	5 for \$1.00	Ohms Part #	5 for \$1.00	Ohms Part #
1	HW1D0	1	1W1D0	1	2W1D0
10	HW010	10	1W010	1.8	2W1D8
47	HW047	100	1W110	10	2W010
100	HW110	180	1W118	18	2W018
220	HW122	470	HW147	47	2W047
220	HW122	300	1W130	100	2W110
470	HW147	510	1W151	1K	2W210
2.2K	HW222	1K	1W210	2.2K	2W222
4.7K	HW247	3.3K	1W233	3.9K	2W239
10K	HW310	10K	1W310	10K	2W310
47K	HW347	240K	HW424	100K	2W410
100K	HW410	1M	HW510		
240K	HW424				
1M	HW510				

POWER WIREWOUND

5 WATT		10 WATT		25 WATT	
3 for \$1.00	Ohms Part #	up to 1K ohm 3 for \$1.15	Ohms Part #	2 for \$1.59	Ohms Part #
0.1	5WD10	1.0	10W1D0	1.0	25W1D0
0.22	5WD22	2.0	10W2D0	2.0	25W2D0
0.33	5WD33	2.7	10W2D2	2.7	25W2D7
0.47	5WD47	3.3	10W3D3	3.9	25W3D9
1.0	5W1D0	3.9	10W3D9	5.1	25W5D1
2.2	5W2D2	5.1	10W5D1	5.1	25W5D1
3.3	5W3D3	6.8	10W6D8	6.8	25W6D8
4.7	5W4D7	8.2	10W8D2	8.2	25W8D2
5	5W5D0	10	10W010	10	25W010
10	5W010	15	10W015	10	25W010
22	5W022	22	10W022	15	25W015
39	5W039	27	10W027	20	25W020
47	5W047	47	10W047	27	25W027
100	5W110	100	10W110	47	25W047
330	5W133	150	10W115	75	25W075
1K	5W210	1K	10W210	100	25W110
4.7K	5W247	10 Watt over 1K ohm 2 for \$1.09	Ohms Part #	150	25W115
10K	5W310	2.2K	10W222	220	25W122
		4.7K	10W247	1K	25W210
		10K	10W310	2.2K	25W222
		18K	10W318		

Ohms	Watts	Part#	Price
1.5	3	RS-1.5	5/\$1.00
1.67	35 flat	RS-1.67	3/\$2.00
10	31 Dale	RS-10	2/\$1.00
10	300 Ohmite	RS-10-300	\$3.00
15	95 Dale	RS-15	\$1.00
22	53 Dale	RS-22	3/\$2.50
160	20	RS-160	5/\$2.00
2000	43	RS-2000	3/\$2.00
3000	68	RS-3000	\$1.00
40M	2.5"L x .6"D	RS-40M	\$5.00
80M	6.5"L x .6"D	RS-80M	\$7.00

High Meg Resistors

Beman 10 megohm resistor 5 % CJE 40Kv 35 Watts, size 6.5 x 2 inches. #Beman-10M, \$16.00

Cableform Products 30 Megohm resistor. CJC, 30Kv, Ferrule connections. 30 watts, size 10.5 x 1 1/8 #Cableform-30M \$25.00

For more high meg resistors see: <http://www.fairradio.com/0highmeg.htm> Ideal enclosures for your next project!

Cases & Enclosures



All items below are black aluminum chassis with dark grey front panels. The top and bottom of each of the units are heatsinked with 1/10" fins. The overall dimension of each unit is 9 5/8" deep x 5" tall. All enclosures have multiple 1/4" diameter holes on the front plate. They differ according to width. Used excellent.

1 15/16" Wide, 3 lbs sh, #ENC-4-2, \$7.50
4 1/8" Wide, 4 lbs sh, #ENC-10-4, \$10.00

Cast aluminum boxes for those RF and other projects where an inexpensive sturdy box is needed. Boxes have various late 1970's transistors and components and circuit boards. Used condition.

Cast aluminum box. 7.5 x 2.625 x 7.5 has sheet aluminum side panels and male DB9 connector. 2 lbs sh. #BOX68429, \$5.00

Similar to above but has 5 internal compartments separated by cast walls. Four sections each 13/16 x 4 1/8 x 1 1/16 and one section 2 13/16 x 2 3/16 x 1 5/16. 2 lbs sh. #BOX295C, \$6.00

Medium cast box 6 1/2 x 4 1/4 x 1 1/2 with provision for mounting circuit board at approx 3/4 inch depth. Two sheet aluminum covers. 3 lbs sh. #BOX641, \$8.25

INSTRUMENT CABINET for HP-test set; adapt to other uses. 7.6"H x 19"Wx9"D + 4"D cover less 1" overlap; three 6"Hx5"W compartments; w/fastners & strap; 17 lbs sh. #CS-HP3550, used, \$27.00

LARGE ALUMINUM TRANSIT CASE with rounded corners, hasp fasteners & carrying handles; 20.8"Hx28"W x17"D including 6"H top. Spot welded compartments + 2 nesting trays; 66 lbs. #CY-3700/PRC-47, used, \$50.00

Steel Ammo Box, ideal for your tools. Inner Dimensions are 3.4 x 10 x 6.5. Hasp fastener on one side and hinged on the other. Slight rust. Carrying handle. 6 lbs sh. #ENC-AMMO, Used, \$5.00; 6 for \$20.00

Low profile cast aluminum enclosure. Removeable top. Has some small holes. 5.8x2.5x1.6, 2 lbs sh. #LP-1 used, \$4.95

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Enclosures



ALUMINUM SEALED DIE-CAST ENCLOSURE. These enclosures provide effective EMI- and RFI-shielding.

The mounting holes and the screws for the lid are outside the sealed area, which prevents moisture and dust from entering the enclosure. New.

2.5" x 2.3" x 1.4", #G104, \$7.99
4.5" x 2.6" x 1.2", #G106, \$9.99
6.7" x 4.8" x 2.2", #G1201, \$23.34
8.7" x 5.7" x 2.2", #G124, \$27.99

Molded Plastic in high-impact ABS, fire-retardant - dark gray. These cases in molded plastic have a two-piece design with a tongue and groove joint between the top and bottom half. Non-scratch surface with a high-quality finish. Guide slots are provided for vertical PCB mounting and slots make horizontal PCB mounting possible. New.



3.5" x 2.0" x 0.9", #G403, \$3.50
3.5" x 2.0" x 1.3", #G404, \$2.90
4.7" x 2.4" x 1.2", #G407, \$5.50
4.7" x 2.4" x 1.6", #G410, \$5.99
5.9" x 3.1" x 1.8", #G416, \$7.99
7.5" x 3.9" x 2.4", #G421, \$11.99

This plastic utility box is molded in impact-resistant ABS and has card guides spaced at intervals of 7.9" to

allow flexibility in the spacing of the components or the creation of compartments. Guides will accept cards with a max. thickness of 0.06". New.

3.7" x 1.9" x 1.5", #G1068, \$2.90
5.3" x 3.0" x 2.0", #G1098, \$2.99

These enclosures consist of high-impact ABS (operating temperature: -40°F to +212°F). The lid and the base equipped with a tongue and groove sealing system with a neoprene gasket. The mounting holes and the attaching screws are outside the seals, which prevents moisture and dust from entering the enclosure. Internal guide slots allow the vertical mounting of PCB assemblies. The guides on the internal base allow the horizontal mounting of PCBs. New.



2.5" x 2.3" x 1.4", #G302, \$4.50
4.5" x 2.6" x 1.6", #G304, \$7.50
6.7" x 4.8" x 2.2", #G313, \$11.99
10.4" x 7.3" x 4.0", #G378, \$27.99

Equipment Glides



Military quality for rack mounting; 2"W x 16.5"L; chassis

slides have 19" travel. Load rating approximately 100 lbs; 6 lbs sh. #GL-1621, used, \$13.00 per pair

Crystals

JK02 Ovens for CR-26 xtal. 6 - 24 VAC / DC; plug into octal socket. Less xtals; Used, #251B1001 for one xtal, \$2.25 #251B1003 for two xtal, \$2.75

FT-241 XTAL SET for BC-604 (SCR-508/528) WW-2 xmitter 80 xtals (chan 0-79), #FT-241-SET, \$85.00

200KHz FT-241 XTAL, #FT-241-200, \$4

Baker's Dozen
Crystal Socket Assembly, 13 ceramic crystal sockets CR-23 style mounted on an aluminum strip. 9"L x 1.2"W x 0.9"H, 2 lbs sh. #CR-23-13, \$6.50

Insulators

Stand-off insulators crows feet type. Brass plated bases and terminals: D= Diameter H=Height M=Mount base holes' center distance ST=Screw terminals CT=Clamp terminals



#B-H3-D1.25-ST3, brown ceramic; M=2.25". Term. cap: 7/8x1 5/8" dia; 2 lbs. \$2.75
#W-H5-D1.25-ST, white; M=2.625". Term cap: 3/8x1 1/4" dia. 3 lb \$3.75
#B-H5-D1.25-CT, white; M= 2.25". Term cap: 1x1 5/8" dia. 3 lb \$4.00
#B-H7-D1.25-ST, brown, M=2.6", Term cap 1x1 3/4" dia; 3 lbs. \$4.75

Quantity Discounts on above!
10-25 ea (1-type) 20% off;
25% (26-99), 30% (100)

STAND-OFF with CLIP for clip-in resistors or capacitors. 1"H x 0.8" square insulator with clip for 0.5" dia cap, #NS4W1208, \$1.50

PORCELAIN STAND-OFFS, no bases but screw threaded:

#P-4H-75D 4"Hx 0.75" dia; 8-24 threader. \$.75 ea

--- Strain Insulators ---

EGG-TYPE PORCELAIN STRAIN INSULATOR, 1.3"L x1"x1" with two 1/4" di holes. #INS-EGG-95, NEW, \$2.00

BROWN porcelain insulator 8.5"Lx1.8"h x 1"D with reinforced 0.5" dia hole on ends; 3lbs sh. #SPI-85181, \$1.95; 2/\$3.00

INSULATOR POST for mounting capacitors, coils, etc. 1.7"Hx3/8" sq porcelain; 1/8" di thru-hole near top; base threaded for chassis screw. #IP-1706, \$1.00

2"Hx1" square; two 6/32 threads top and bottom. #NL523W14, \$1.50

Insulators

Large porcelain insulator transformer style with a 3/16" feed thru hole. o/a 1.9"Hx1" dia. #INS-8, \$1.00

MP-48A INSULATOR for WW-2 vehicular spring antenna base; 3.6"Lx2.6" dia, 4 lb. #INS-48A, \$16.00

COLLAR for MP-48A, fits bottom of base, #COLL-48A, \$2.50

Phenolic Insulator from MP-48, #IN-118, \$7.50

Large porcelain thru panel insulator. 9/16" diameter center hole. Has 6 threaded mounting holes on outer lip. Overall size is 5 1/4" Dia x 2 3/4" H. No Hardware. #INS-6, Used, \$10.00

Coil Forms

Small Ceramic Coil Form consists of 35 grooves in a 1.7" space. o/a 3.1"Hx1.1" dia. #CF-5, \$2.50

Small Ceramic Coil Form consists of 10 grooves in a 0.5" space. o/a 1.7"Hx1" dia #CF-1, \$2.00

3 pin Plastic Coil Form which fits BC-611. o/a 0.9" dia. x 1.9"H, #CF-3, 2/\$1.00

Coil Form Assortment has: porcelain inductor core 1 7/8" tall 1 1/8" base has 4 mounting holes. The winding core has 41 grooves for wire 10 holes on flat edge. 3 small porcelain cores with 3 wire grooves. The base has a 6/32 threaded hole. #IND-K1, \$2.75

Inductors & Coils

#C-447 coil for BC-610 xmitter 4.5"L x 4.5" dia; 3 lbs sh. Unused, \$12.00

MO & PA TANK COILS from 10 to 12.5 KHz TU-10 TX tuners. Ceramic coil 5"Lx2" dia on 7"x3.1" mount bracket; #12 wire, 2 lbs sh. Used: #2697/TU10 PA; 1.35 uH, \$4.00

1.25MHY RF choke with ceramic post mount, Overall 2.7" L. #L-RF1.25, \$3.00

400UH RF choke axial lead, #L-RF400, \$1.25; 5 for \$5.00

TELEPHONE PICK UP COIL p/o modem coupler; no info. 5/8x1.8" dia. #403-4, \$1.00

Inductors & Coils

ROLLER INDUCTOR ASSEMBLY with 115 VAC 400 Hz motor drive, 3.4" lg x 1.75 dia coil; 28 turns #18 wire approx 14 uH with center tap. Designed to resonate antenna to a transceiver's frequency. 4.5x2.8x3.8, 5 lb used #T301/CU-991, \$7.50



ANTENNA LOAD ASSEMBLY from AM-3349/GRC-106, includes C26 1000pf at 5KV vacuum variable capacitor, C27 15-355pf air capacitor, 26 1000pf feed-thru caps, L1 0.5 to 40UH variable inductor, L2 37UH fixed inductor, S1 2-deck 5-position ceramic switch and two Globe or = 24 VDC motors. 5.5 x 9.5 x 5.5, 10 lbs shipping. #3349-02, Used, \$250.00

L5 ROLLER INDUCTOR, 26 turns #18 silver-wire 2"Lx1.1" dia coil: 8.4 uH max. 115 V 400 Hz motor drive like above; runs on 26V 60 hz. Adaptable to direct drive. O/a 6x3x4.75, 3 lb #L5/ARC-58, \$12.00



ROLLER INDUCTOR KITS includes 4.4"L x 1.5" dia ceramic coil with 40 turns #14 silver-wire, roller wheel, guide shaft & springs. 3/8" dia shafts have removable pinned gear. End support plates not supplied; 3lbs sh. #L22-PRC-47, 22 uH, \$16.00 #L35-PRC47, 35 uh w/ part slug core \$15 #L40-PRC47, 40 uH w/ full slug core \$15

40 UHy Coil on a ceramic form with 9 taps. #16 wire. 39 turns. 4.7"L x 2" diameter. #L-4016, \$10.00



RF MASTER OSC COILS: pull out of T-22 / ARC-5 7-9 MHz xmitter; #T53/6032, \$4.00

Ceramic 2" Hx1.6" diameter base. #L101/ART13, \$4.00

FERRITE CORE INDUCTORS PC mount; 7/8x 3/4" dia. #NV243, 123-177 mH, \$1.50

Small Inductor, 1.5 mH, 1 ADC, 5V, 12KHz, .5 ohm DCR, PC mount. #80063, \$1.95; 3 / \$5.00



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Inductors

First letter in part number is the Style: M - Multilayer; S - Single layer; P - PI wound / number of sections;

Second letter in part number is the Material: P - Phenolic; F - Ferrite;

Third letter in part number is the Coating: C - Coated; S - Shrink covering; E - Enamel wire;

Example: A part number that starts out "MPE" would represent a Multilayer style, a Phenolic form, and a Enamel coating.



Multi Layer Enamel



Multi Layer Coated



Single Layer Enamel



Single Layer Shrink



Wideband



Torroid

MULTI LAYER ENAMEL							
Part #	L x Dia	uHy	I - ma	Price	5 pcs	10 pcs	100 pcs
MPE-55	.40x.25	55	125	\$2.00	\$6.00	\$10.00	\$60.00
MPE-65	.30x.20	65	125	\$2.00	\$6.00	\$10.00	\$60.00
MPE-70	.30x.20	70	125	\$2.00	\$6.00	\$10.00	\$60.00
MFE-75	.30x.12	75	125	\$2.00	\$6.00	\$10.00	\$60.00
MPE-85	.30x.20	85	125	\$2.00	\$6.00	\$10.00	\$60.00
MFE-100	1.40x.40	100	2000	\$2.00	\$8.00	\$14.00	
MPE-107	.30x.20	107	50	\$2.00	\$6.00	\$10.00	\$60.00
MFE-110	.30x.15	110	50	\$2.00	\$6.00	\$10.00	\$60.00
MFE-122	.38x.25	122	125	\$2.00	\$6.00	\$10.00	
MPE-135	.40x.55	135	300	\$2.00	\$8.00	\$14.00	\$80.00
MFE-135	.30x.18	135	50	\$2.00	\$6.00	\$10.00	\$60.00
MPE-138	.30x.20	138	125	\$2.00	\$6.00	\$10.00	
MFE-150	.30x.18	150	50	\$2.00	\$6.00	\$10.00	\$60.00
MFE-178	.30x.22	178	125	\$2.00	\$6.00	\$10.00	\$60.00
MFE-200	.30x.20	200	125	\$2.00	\$6.00	\$10.00	\$60.00
MPE-218	.30x.22	218	125	\$2.00	\$6.00	\$10.00	\$60.00
MFE-100-30-260	1.00x.30	260	500	\$2.00	\$8.00	\$14.00	
MFE-30-25-260	.30x.25	260	50	\$2.00	\$6.00	\$10.00	\$60.00
MPE-266	.30x.30	266	50	\$2.00	\$6.00	\$10.00	\$60.00
MFE-300	.30x.25	300	50	\$2.00	\$6.00	\$10.00	\$60.00
MPE-340	.30x.30	340	100	\$2.00	\$6.00	\$10.00	\$60.00
MPE-360	.30x.20	360	100	\$2.00	\$6.00	\$10.00	\$60.00
MPE-362	.30x.27	362	100	\$2.00	\$6.00	\$10.00	
MFE-375	.30x.25	375	100	\$2.00	\$6.00	\$10.00	\$60.00
MPE-390	.30x.30	390	100	\$2.00	\$6.00	\$10.00	\$60.00
MFE-400	.75-.35	400	500	\$3.00	\$10.00	\$15.00	\$60.00
MFE-435	.30x.25	435	50	\$2.00	\$6.00	\$10.00	\$60.00
MPE-550	.30x.30	550	50	\$2.00	\$6.00	\$10.00	\$60.00
MFE-680	.30x.30	680	50	\$2.00	\$6.00	\$10.00	\$60.00
MPE-685	.30x.40	685	50	\$2.00	\$6.00	\$10.00	\$60.00
MFE-100-40-715	1.00x.40	715	500	\$2.00	\$8.00	\$14.00	
MFE-30-12-715	.30x.12	715	30	\$2.00	\$6.00	\$10.00	\$60.00
MPE-785	.30x.32	785	50	\$2.00	\$6.00	\$10.00	\$60.00
MPE-820	.30x.40	820	50	\$2.00	\$6.00	\$10.00	\$60.00
MPE-1000	.30x.40	1000	50	\$2.00	\$6.00	\$10.00	\$60.00
MFE-1160	.40x.30	1160	50	\$2.00	\$6.00	\$10.00	\$60.00
MFE-3000	.30x.20	3000	30	\$2.00	\$6.00	\$10.00	\$60.00
MFE-4300	.40x.20	4300	50	\$2.00	\$6.00	\$10.00	\$60.00
MFE-6000	.85x.40	6000	200	\$2.00	\$6.00	\$10.00	
MFE-6250	.30x.42	6250	75	\$2.00	\$6.00	\$10.00	\$60.00
MFE-7950	.40x.30	7950	30	\$2.00	\$6.00	\$10.00	\$60.00
MPE-11500	.50x.40	11500	30	\$2.00	\$6.00	\$10.00	\$60.00

MULTI LAYER COATING							
Part #	L x Dia	uHy	I - ma	Price	5 pcs	10 pcs	100 pcs
MPC-90	.30-.28	90	30	\$2.00	\$5.00	\$7.50	\$50.00
MFC-95	.25-.12	95	30	\$2.00	\$5.00	\$7.50	
MPC110	.30-.25	110	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-135	.30-.19	135	30	\$2.00	\$5.00	\$7.50	\$50.00
MPC-145	.30-.22	145	30	\$2.00	\$5.00	\$7.50	\$50.00
MFC-155	.30-.19	155	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-25-30-180	.25-.30	180	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-30-30-180	.30-.30	180	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-195	.30-.18	195	30	\$2.00	\$5.00	\$7.50	\$50.00
MPC-200	.30-.25	200	75	\$2.00	\$5.00	\$7.50	\$50.00
MFC-205	.30-.20	205	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-225	.30-.30	225	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-260	.30-.25	260	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-265	.30-.30	265	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-266	.30-.30	266	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-30-30-300	.30-.30	300	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-30-22-300	.30-.22	300	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-325	.30-.30	325	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-355	.30-.22	355	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-425	.50-.40	425	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-510	.30-.30	510	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-590	.30-.28	590	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-625	.30-.35	625	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-835	.30-.40	835	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-1200	.35-.32	1200	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-38-32-1400	.38-.32	1400	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-32-32-1400	.32-.32	1400	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-1530	.35-.32	1530	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-1650	.40-.35	1650	50	\$2.00	\$5.00	\$7.50	\$50.00
MPC-1660	.35-.30	1660	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-7900	.40-.28	7900	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-8450	.40-.48	8450	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-10300	.50-.40	10300	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-16900	.50-.40	16900	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-21000	.65-.41	21000	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-23000	.50-.50	23000	50	\$2.00	\$5.00	\$7.50	\$50.00
MFC-26000	.65-.45	26000	50	\$2.00	\$5.00	\$7.50	\$50.00

MULTI LAYER SHRINK							
Part #	L x Dia	uHy	I - ma	Price	5 pcs	10 pcs	100 pcs
MFS-59	.70-.40	59	300	\$3.00	\$10.00	\$15.00	
MFS-100	1.00-.40	100	800	\$3.00	\$10.00	\$15.00	
MFS-110	1.25-.45	110	1200	\$3.00	\$10.00	\$15.00	
MFS-115	1.50-.60	115	2000	\$3.00	\$10.00	\$15.00	
MFS-170	.75-.40	170	800	\$3.00	\$10.00	\$15.00	
MFS-182	.75-.50	180	125	\$3.00	\$10.00	\$15.00	\$100.00
MFS-520	.75-.40	520	300	\$3.00	\$10.00	\$15.00	\$100.00
MFS-750	.50-.22	750	200	\$3.00	\$10.00	\$15.00	\$100.00
MFS-1110	.75-.40	1110	300	\$3.00	\$10.00	\$15.00	\$100.00
MFS-1125	1.20-.30	1125	200	\$3.00	\$10.00	\$15.00	\$100.00
MFS-4300	.78-.70	4300	200	\$3.00	\$10.00	\$15.00	
MFS-13000	.75-.50	13000	125	\$3.00	\$10.00	\$15.00	\$100.00
MFS-17500	.75-.50	17500	125	\$3.00	\$10.00	\$15.00	
MFS-39200	.75-.45	39200	125	\$3.00	\$10.00	\$15.00	

SINGLE LAYER ENAMEL								
Part #	L x Dia	uHy	I - ma	Price	5 pcs	10 pcs	100 pcs	
SFE-4	.65x.22	4	2000	\$2.00	\$8.00	\$14.00		
SPE-4.5	.62x.20	4.5	800	\$2.00	\$5.00	\$7.50	\$50.00	
SFE-33-10-5.5	.33x.10	5.5	200	\$2.00	\$5.00	\$7.50	\$50.00	
SFE-20-23-5.5	.23x.10	5.5	200	\$2.00	\$5.00	\$7.50	\$50.00	
SPE-30-14-5.5	.30x.14	5.5	200	\$2.00	\$5.00	\$7.50	\$50.00	
SPE-50-17-5.5	.50x.17	5.5	300	\$2.00	\$5.00	\$7.50	\$50.00	
SPE-62-20-5.5	.62x.20	5.5	300	\$2.00	\$5.00	\$7.50	\$50.00	
SPE-30-10-6	.30x.10	6	200	\$2.00	\$5.00	\$7.50	\$50.00	
SFE-75-22-6	.75x.22	6	800	\$2.00	\$5.00	\$7.50	\$50.00	
SFE-78-30-6	.78x.30	6	500	\$2.00	\$5.00	\$7.50	\$50.00	
SPE-25-10-6.5	.25x.10	6.5	200	\$2.00	\$5.00	\$7.50	\$50.00	
SPE-30-15-6.5	.30x.15	6.5	200	\$2.00	\$5.00	\$7.50	\$50.00	
SPE-62-18-6.5	.62x.18	6.5	300	\$2.00	\$5.00	\$7.50	\$50.00	
SPE-25-12-7.5	.25x.12	7.5	200	\$2.00	\$5.00	\$7.50	\$50.00	
SPE-75-20-7.5	.75x.20	7.5	300	\$2.00	\$5.00	\$7.50	\$50.00	
SPE-10	.35x.11	10	200	\$2.00	\$5.00	\$7.50	\$50.00	
SPE-42-10-11	.42x.10	11	200	\$2.00	\$5.00	\$7.50	\$50.00	
SPE-50-13-11	.50x.13	11	200	\$2.00	\$5.00	\$7.50	\$50.00	
SPE-11.5	.35x.15	11.5	200	\$2.00	\$5.00	\$7.50	\$50.00	
SPE-41-12-12.5	.41x.12	12.5	200	\$2.00	\$5.00	\$7.50	\$50.00	
SPE-30-10-12.5	.30x.10	12.5	30	\$2.00	\$5.00	\$7.50	\$50.00	
SPE-18	.57x.20	18	200	\$2.00	\$5.00	\$7.50	\$50.00	
SPE-50-17-23	.50x.17	23	80	\$2.00	\$5.00	\$7.50	\$50.00	
SPE-75-19-23	.75x.19	23	200	\$2.00	\$5.00	\$7.50	\$50.00	
SFE-25	.75x.21	25	200	\$2.00	\$5.00	\$7.50	\$50.00	
SPE-27	.30x.10	27	30	\$2.00	\$5.00	\$7.50	\$50.00	
SFE-34	1.00x.29	34	800	\$2.00	\$5.00	\$7.50	\$50.00	
SFE-36	.88x.22	36	300	\$2.00	\$5.00	\$7.50	\$50.00	
SPE-39	.75x.21	39	300	\$2.00	\$5.00	\$7.50	\$50.00	
SPE-44	.75x.21	44	300	\$2.00	\$5.00	\$7.50	\$50.00	
SPE-45	.50x.13	45	80	\$2.00	\$5.00	\$7.50	\$50.00	
SPE-58	.50x.13	58	80	\$2.00	\$5.00	\$7.50	\$50.00	
SPE-75	.50x.15	75	30	\$2.00	\$5.00	\$7.50	\$50.00	
SPE-77	.50x.15	77	30	\$2.00	\$5.00	\$7.50	\$50.00	
SFE-78	.75-.40	78	800	\$3.00	\$10.00	\$15.00	\$50.00	
SPE-80	.75x.20	80	150	\$2.00	\$5.00	\$7.50	\$50.00	
SFE-95	.85x.25	95	200	\$2.00	\$5.00	\$7.50	\$50.00	
SFE-97	.50x.18	97	50	\$2.00	\$5.00	\$7.50	\$50.00	
SFE-116	.73x.38	116	800	\$2.00	\$6.00	\$10.00	\$50.00	
SPE-148	.40x.15	148	30	\$2.00	\$5.00	\$7.50	\$50.00	
SFE-170	.50x.13	170	125	\$2.00	\$6.00	\$10.00	\$50.00	
SPE-185	1.25x.35	185	200	\$2.00	\$5.00	\$7.50	\$50.00	
SFE-188	.42x.11	188	30	\$2.00	\$5.00	\$7.50	\$50.00	
SPE-188	.50							

Standard Relays



OPEN FRAME RELAYS
with heavy 10 amp silver contacts; mi-calex insulated. 1.8x2.4x1.8, 1 lb sh. USED-CLEAN:

DPST NO, coil 115 VAC 60 Hz 400 ohms, #22-4383, \$14.00

DPDT, coil 6.3vac1 ohm, #22-4384, \$16

DPDT ceramic, 28VDC coil. #1007-BF, \$8.00

SPDT 9.6-15.8 VDC relay 206 ohm coil; used in GE mobile transceivers. For solder or socket connections. 1x1x3/4. #3SBW1001A2, Unused, \$1.50 each. 24/\$25.00

DPDT P&B PLATE RELAY; sealed metal can, requires octal socket. 2.5x1.5x1.4, #KR-4175-1, Unused, \$2.

OMRON 3PDT RELAY, 24 V DC 650 ohm coil; 2 A contacts. 11-pin plug-in/solder lugs. 1x1.5x0.8; #OM-MY3, \$2

P&B 3PST 120 VAC coil, 10 amp 1/4 HP contacts; clear cover. #KU-4666, \$3.25

DUAL DC COIL each 3PST; one 24 V, other 48 V. PC-mt. 2.8x1.5x1.3; #116-2601, \$2.50

115 VAC 60 Hz COIL 25 amp @ 28 VDC/ 115 VAC contacts; solder terminals. 1.8x 3x1.8; #26S20/2054, Used, \$4.00

K3 Relay removed from the T-368. 380 ohms 115VAC 60Hz. High voltage: SP-NC 2500VDC at 500ma. Low voltage: SPDT 500VDC at 10ma. #K3-T368, \$25.00

Open frame relay 24VDC 230 ohm coil. 3PST N.O. 10 amps 120VAC / 5 amps 240VAC. SPST N.O. 1 amp 24VDC #DOUX-2055, \$3.95

4PDT 48VDC 3700 ohm coil; 1x1.5x1.7, #MHX4069, \$1.50

DOLLAR DAZE RELAY KIT, five mixed relays various voltages AC/DC. #DD-56-98, \$2.00

SENSITIVE RELAY SPDT 6 to 12 VDC 1500 ohms, contact adjust. 2.8x2.2 x2.3, 1 lb sh. #RM39/1901, used \$1.50

Sealed SENSITIVE RELAY, 50 ohms 28 ma coil; DPDT contacts. Solder hooks; 1x1x2 1/4. #R400-2B-50, \$2.95

ULTRA-SENSITIVE P&B 6 VDC DPDT RELAY, coil 500 ohm res. < 40 mv nom. power. Contacts rated 2 amp @ 28 VDC/120VAC; solder or socket mount. #R10-E1Y2SS500, Unused, \$3.50

Vacuum Relays



Kilovac (equal to Jennings RB1H) SPDT 26 VDC 270 ohm coil; 12 KV pk AC/DC 15 amps cont. W/ mount flange; 2.3"Hx1.5" dia, 1 lb. #RB-1, Used, \$69.50

SPDT 335 ohm; 3.6 KV pk 18 A AC/DC. Max-open/release:6 ms. 1.3"Hx0.8" dia, used less hardware, #RJ1A-26S, \$50.00

SPDT 8 amps at 2KV Jennings vacuum relay. 26 vdc, 920 Ohm coil. Mounts in 1/2" hole. 1.6" long. One terminal trimmed but usable. #RF1E-26N591, \$35

Vacuum Contactors

JENNINGS SPST VACUUM CONTACTOR for 3-1/8" (78 mm) dia hardline coaxial hook-up; rated 25 KW @ 30 MHz; 20 KV peak test; actuator 19-29 VDC. 4x8x3.8, 7 lbs. #RC10A5225A24, Unused, \$99.00

JENNINGS SPDT RF CONTACTOR for high power transmit and process equipment. 26.5 VDC actuator switch rated 300 amps @ 2.5 KV peak; pk test 10 KV 60 Hz. Sealed enclosure w/ mount flange; connector not available. 5x 5.3 x9.5, 22 lbs sh. #RF20BLDE812-I, \$150.00

Relays, etc...

LEDEX 28 VDC SOLENOID, 8-position 45 deg stroke. Start torque: 5 lb-in 35 W (15 lb-in holding) cont. duty; 32 lb-in 700 W 1/20 duty. 7S-size 2.8" dia x1.9" W; 1/2x3/8" dia shaft. 4 lbs. #S-8210-025, Unused, \$4.95

ITT General Controls Sub-miniature Direct Acting Solenoid Valve. Coil 24 VDC, 10 PSI, 1/8 in port. For use with air, gas, water, hydraulic fluids, light fuel oils. Looks like 5/16 fitting. 2" long x 1" diameter. 1 lb sh. #S32121012, Unused, \$9.95

--- RELAY SOCKETS ---

10-BLADE Relay Socket for track mount of above; pressure screw terminals; 2.8x1.4x2., Weidmuller mfg. 1 lb. #RS-10, Unused, \$2.50

---- REED RELAYS ----

4-REED RELAY CIRCUIT BOARD, 3 / 500 ohm & one 5K ohm 10-15 VDC relays; also a 26 VDC DPDT sealed relay. #792-312, \$3.00

ELECTROL 5 VDC REED RELAY, low current SPST norm-open contacts; 0.7"x2.5"x0.6". #R4376-2, NEW, \$2.25

--- SOLID STATE RELAYS ---

Solid State Relay by Gordos. 3-32VDC input, 240VAC at 10 amps. 2.2x1.8 x1, #G280D10V, Used, \$8.75

Contactors



CONTACTOR RELAY, 12 VDC coil & 12 V SPST norm-open contacts; 20 amps. Mfg by Massy

Ferguson. 2x1.8x1.1; 1lb sh. #81-2450-1, \$3; 10/\$20

SIEMENS CONTACTORS, 80 VDC coils, 2 lbs. NEW: 2 NO+2NC; contacts 230/600 V 3/1 amps. Aux contact 10A 240 VAC; 2.8x1.8x1.8. #3TH12022 \$6.50

Coaxial Devices



SPDT Microwave Switch designed for high performance in microwave systems to 12.4 GHz. Has three TNC connections. Requires 24-30VDC. 3x2.70.9, Jay-EI Products. #D2-313B008, used, \$40.00

RE-275 APDT Coax Relay, operates over 100-400 MHz, 24-28VDC coil. VSWR better than 1.1; cross-talk better than 60DB. Three BNC connections. 2.5x 3.2x1.7, 2 lbs sh. #RE-275, Used, \$25.95

6VDC SPDT Coax Relay by Danbury-Knudsen. For use with transmitter. Has two female

BNC connections and one solder connection. #CR119, Unused, \$24.00

4000 ohm SPDT Coax Relay by Danbury-Knudsen. Has 3 female BNC connections. #CR37, Unused, \$25.00

Coaxial Transfer Relay, 4 BNC connectors which switch from AD BC to AB CD. Allows a preamp or some other device to be switched into a coaxial line or bypassed. 24VDC coil. #10CSA2/2-01, used, \$30

Miniature coaxial SPDT can relay for low level RF switching. Also has SPDT contacts. 26.5 vdc 675 ohms. HI-G d'italia #RFK 6396, \$10.00

Same as above, but relay is in metal box with 6 very small coax connectors (SML ??) #RE-612-2, \$12.00

Broadband Coaxial Protector by Polyphaser, has male to female type N connections. Frequency coverage is 50MHz to 700MHz. Maximum Power: VHF 375W; UHF 125W. 1.8x2.5x1.5, #IS-50NX-C1, Used Excellent, \$25.00 ea.; 6/\$100.



8PST CONTACTOR, rated 660 VAC 6 amps; coil 80 VDC. 3x4.5x1.8, 2#. Schindler #MRG-44E, NEW, \$14.95

INTELLITEC Special Latching Relay made for the RV industry to insure that the battery is disconnected when the RV is not being used. 12 VDC Latching relay w/ 100 ADC SPST contactor. Momentary application of 12 VDC causes activation. Reverse the 12 VDC and the contacts open. Use for your amateur radio equipment or solar system applications. 3.5x3.5x2.5; 1 lb #01-00055 \$15.00

Attenuators

ELCOM ATTENUATOR, 10DB w/ SMA conn; Ag-plated, 1.5x0.5" dia. #AT-53-10, \$10.

VARIABLE 6-STEP ATTENUATOR, ladder network in 10:1 ratio. Attenuates 0.1 V down to 0.1 uv; 50 ohm impedance. BNC input & output connection; shaft 3/4"Lx 1/4" dia with gear drive. Silver-plated; p/o 0.01 to 50 MHz RF generator. 3.5x4.8x3.5, 4 lb #AT101/URM25, used, \$19.00

75 ohm Alan Industries Fixed Attenuator, 3.0DB at 30MHz and 3.3DB at 1GHz. Has a BNC male on one end and a BNC female on the other. #75SP3, \$12.00

ROTARY TURRET 50 OHM COAXIAL ATTENUATORS from Empire NF-105 field intensity meter; to operate pull knob and rotate to next index. Mechanism is spring loaded to engage next attenuator element; 5"Lx3.4" dia, 5 lbs.

0-20-40-60-80 db with BNC female chassis connectors on 7.5" cables. #ATTNF105-0-80, Used, \$24.95

40-50-60-70-80-90 db; female BNC chassis & male N conn on 7.5" cable, #ATTNF105-40-90, \$19.95

One of each attenuator, #ATTNF-105-PR, \$39.50

Tap Switches

Miniature Tap Switch, 1 pole 7-position rated 1 amp 1x1/2". #MTS-7, \$2.00

6-POSITION CERAMIC RF TAP SWITCH for 100 W xmitter; 2.3x2.3x1.8, 1 lb. #3Z9605, \$3.95; 10 for \$32.


2-deck 4-pos continuous turn; 120/240 VAC 10/5 A. Shaft 3/16" dia, LESS knob. O/a 3"H. #LOV-230, Used, \$2.50

THREE DECK 7-POSITION TAP SWITCH w/ screw terminals; 10 amp shorting contacts. 1.8x2.3x1 + 1.3" x 0.3" dia shaft. #ES32303LM, \$3.50

PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM


Misc. Switches

MICROSWITCH KIT, five SPST
VARIOUS style. #MSW-KIT, \$1.25


 C&K KEY-SWITCH for electronic equipment; SPST 4 amp 125 V rated. Two keys; 5/8" dia, 1" depth. #CK-KY-SW, Unused, \$4

 DPDT Two Position On-On Key Switch by Alco. Panel mount with 3/4" diameter thread. 1 lb sh. #AEL-01, Unused, \$7.95

ROCKER SWITCHES, 1.6"Wx0.6"Hx 1.3"D; mt flange 1.9"W #0319, SPST, \$0.39; 3 for \$1.00 #0320, SPDT momentary both sides, \$0.65 ea. 2 for \$1.20

 4PDT one side 2PDT other side, both sides mom. #1155, Unused, \$2.00

Mini Switches

 Black= Blk. White= wh. NEW:
SPDT on-off-on, wh. toggle (b); Alco #MLD106E, \$0.75

SPDT on-on, blk. rocker (c) JBT #MR2-123, \$0.65

SPST black rocker (not mini) Carling mfg. #123, \$0.60

SPDT mom push switch; C-NC-NO., C&K mfg. #8125, 2/\$1.00


DP3T one side mom. (f) toggle; Alco #CST-023TA, 2/\$1.00

DPDT on-on slide (h), #MINI-SL, 6/\$1.

SUB-MINI SLIDE SWITCH, SP 3-pos: #SLS-131PC, 4/\$1.00

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Mini-Toggles, 120 VAC 6 A:
SPDT ON-ON, Used, #MINI-1, \$0.60
SPDT On-Off-On, Used, #MINI-2, \$0.75
DPDT On-Off-On, Unused, #MINI-3, \$1.25

Rotary Switches


 DAVEN-TYPE 18-POSITION, continuous turn; 2" dia. Zinc-silver contacts. 1/2x1/4" diameter shaft. #3Z9825-92.2, \$3.

FIVE-DECK ROTARY, each 2-pole 4-position; bakelite. 4x1.6" dia.; shaft 1/2x1/4" dia #SW-RM39, Used, \$1.25

Rotary Switch 4 pole 6 position 1.6" diameter bakelite. 1/4" dia shaft. #SW-46, \$1.95

MINI-ROTARY, 1-pole 3-pos. shorting. 1" dia; 1/8" dia shaft. No hardware #LED-M13-S, unused, \$1.50

Toggle Switches


 Some single hole mount, some with mount plates; CH = Cutler Hammer, Unused unless otherwise noted:
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AIRCRAFT-type Toggle, two hole mt:
SPDT 5A/125V, #B-9A \$1.00 (on-off-on)
DPDT 20A/125V, CH, #8710K3, \$3.00
DPDT 20A/125V, CH, Radium tip on-on momentary, #3023-10B, \$2.50
DPDT 20A/125V, CH, on-off-on, #8700K3, \$3.50
SPDT 50A/125V, CH, on-off-on, #8854K2, \$4.50

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INDUSTRIAL-type TOGGLES:
DPDT 10A/125V, CH, on-on momentary, #ST-52R, Used, \$6.00
DPDT 6A/125V AH&H, on-on; 1" mt barrel, 1/2" dia. white ball cap, #T-WB-87, \$2
DPDT 10A/125V, mfg CH, #ST-52N, \$2.
3PDT 15A/125V, CH, #7614K2, \$2.50
DPDT 6A/125V, CH, Bat Handle, #TG-B-CH, \$1.75
3PDT 15A/125V, CH, #TG-3PDT-2, \$3.
3PDT 16A/125V, A-H&H, on-off-on, #TG-AHH, \$3.75
DPDT 15A/125V, CH, Bat Handle, #TG-B-DPDT, \$2.50

Push Button

#67137-506, 13-button Push-on/Push-off; 8.8" W. \$7.50

 KLIXON 15 AMP PUSH BUTTON w/2.3" W mount flange; fits 1.4"x0.8"x1.4"D hole. #43A8304, unused, \$1.50

MICROSWITCH ALM-20 push-On/push-Off SPDT switch w/red 5V LED; 0.9" sq x 2"D. #ALM-20-5V, \$2.50

Code Switch BCD
0-9 bidirectional push switch.
Manufactured by Alco/Augat Mico. Ten Sections (as pictured), #131-AL-2-10, \$25.00
One section, #131-AL-2, Unused, \$4.00; 10 for \$30.

Fuse & Fuseholders

Large Industrial Syle Fuse by Gould - Shawmut Amp-trap Form 600, 175 amp 600 Volt AC-DC. 9.5"Lx1.5"D. #600-175A, Used, \$5.00

GE Type EJO-1, Model 9F60FJD100, Size D, 12" clip spacing, 100E Amp, 4800 V, 15.9"L x 3"dia, 10 lbs sh. #EJO-1, Unused, \$19.00

Standard 3AG 6.35x32mm 250VAC Fast Acting Fuses. New. Part #6FF(Amps)

The 0.25 amp is 5 / \$2.50; 10 / \$3.95
The following are 5 / \$1.29; 10 / \$1.95
Amps: 0.5, 1, 2, 3.15, 4, 5, 6.3, and 8

Same as above except Slow Blow. New. Part #6FU(Amps).

The following are 5 / \$2.50; 10 / \$3.95
Amps: 0.25, 0.5, 1, 2, 3.15, 4, 5, 6.3, 8, 12

 5x20mm 250VAC Fast Acting Fuses. New. Part # FF(Amps).


The following are 5 / \$1.00; 10 / \$1.78.
Amps: 0.5, 1, 1.6, 2, 2.5, 3, 4, and 5

The following are 5 / \$1.40; 10 / \$2.50
Amps: 0.1, and 0.2

100 piece Fuse Set
5x20mm 250VAC Fast Acting. Consists of 10 of each of the following amps: 0.1, 0.2, 0.5, 1, 1.6, 2, 2.5, 3, 4, and 5. #K/FF, \$11.90

R-390A Fuses, New,

0.1 amp (good replacement for 1/8 amp), #6FF0.1N, 5 / 2.50, 10 / \$3.95
0.25 amp, #6FF0.25N, 5 / 2.50, 10 / \$3.95
3.15 amp (good replacement for 1/8 amp), #6FF3.15N, 10 for \$2.50


 LIGHT INDICATOR FUSE-HOLDERS for 3AG fuses; 1.6"D behind panel. O/a 2.9"L; used: 115 V, clear, #FU-HKL, \$2.50

5AG / AGU In-line Fuseholder, #FH-5AG, Used, \$2.00

250KHz Mech. Filter

250KHz Mechanical Filter from Collins F250A85. 8.5KHz Bandwidth. #526-9049-009, Unused in the original box, \$18.95

Line Filters

 CORCOM EMI 3 AMP filter with solder connections. 115V/VAC 50/60Hz. 2.7x1.7x1.2, used, #3W1A \$1.50

TOKIN 250 VAC 15 amps 50/50 Hz with spade terminals; 2.6"Lx1.8" dia, 1 lb. #VG-215F, NEW, \$3.00

2x20 AMP FILTER, 115 to 250 VAC 48-440 Hz; 3.4x1.5x 3.2, 1 lb. #F-85066, NEW \$3.50; 10/\$25.00; 100/\$195.

Suppressor

 MX-10237 / MX-2096 Suppressor Electrical Transient for the VRC-12 Radio Set. This circuit protector consists of a standard size 4 pin GRC male connector with a threaded center, indicator light, 2 hole mount bracket,

heatsink, and plate which is marked "Danger High Temp 215 degree F". FSN #5915-01-024-3877. It connects directly to either the transceiver or AUX receiver mount. In some applications it replaces the MX-7778 suppressor. No further data. 3 lbs sh. #MX-10237, Unused, \$15.00

 MX-7777A SUPPRESSOR protects vehicle radios VRC-12, VRC-53/64 & GRC-106 from damage by voltage transients. Input 28 VDC; output < 36 VDC. Has 50 amp circuit breakers for Overload & Short; diode overheat protection & manual (BATTLE) override. 9.9x6.2x5, 7 lbs sh. #MX-7777A, Used, \$22.00

PLUGS (2) for MX7777; #29935-2P, used, \$10.00 ea
PLUGS (1) for MX7777; 4 pin female, #7777-4P, Used, \$10.00


Bandpass Filters

 TUNABLE TWIN-CAVITY BAND-PASS FILTERS, gold-plated cavities have tune knobs, dials, and rear N-connections. Designed for military TRC-24 radio system for specific frequency ranges; usable and/or adapt for civilian purposes. 7x2.5 x9.5, 8 lbs. Used, \$22.00 each.

#F-196, 184-205MHz #F-199, 224-254MHz
#F-200, 254-284MHz #F-203, 344-374MHz

#F-197, 205-225 MHz, unused, \$30.00
#F-204, 374-404MHz, unused, \$20; 2/\$30

F-1482/GRC BANDPASS FILTER, three 30-88 MHz tunable helical cavities with dial locks and 1.5" dia 0-60 Watt meter; switch for 6 or 60 W Phase, Reflected or Forward W. BNC output connection; special RF input connection. Rugged military design; 8.8x2.5 x9, 10 lbs sh. #F-1482, GOV'T-RECONDITIONED, \$50; 3/\$125

 K & L Tubular Bandpass Filter. Six section filter. 26 MHz BW. 200 watts. VSWR = 1.5:1. Center frequency is 257MHz. 50 and 75 ohm impedance. SMA male connections on each side. 1 1/4" diameter x 6.8" long. 3 lbs sh. #6B110-257/HQ26-OP/OP, Used Excellent, \$16.00

Bandpass Filter
2.0 - 3.15 MHz.  3"X3/4", #A-251-A, Unused, \$5.00

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

Coax Connectors

TYPE UHF:

#PL-259 UHF Male, Generic, \$1.10 each 10 /\$10.00
 #SLV-PL-259, As above but silver plated, \$2ea; 10/\$15
 #83-1SP-1050, PL-259 by Amphenol, \$2.69ea; 10/\$24
 #83-1SP, As above but silver plated, \$5.38ea; 10/\$47
 #SO-239 UHF Female, \$1.10 each 10 /\$10.00
 #SH-SO239 1 hole mount female barrel mount, \$.85
 #PL-258 UHF Female to Female, \$1.75 ea 10 /\$16.
 #M-358 "T" for two PL259 & one SO239, used, \$1.50
 #83-185-RFX, UG-175 reduces PL-259 to RG-58
 coax, \$0.60 each; 10/\$5.50

CONNECTORS & ADAPTERS: (m) male, (f) female,
 (bulk) bulkhead, (rec) receptable, (r/a) right angle;
 (U) = Used, (Un) = Unused.

TYPE BNC: UG-88m (RG-58) Used, \$.75 ea
 BNC (m) (RG-58) Amphenol, New, #31-2-RFX, \$2.65; 5/\$11.50
 UG-260 m (RG-59) U \$.60 UG-290 f panel U \$1.
 -274 "T" 2-f to m, U \$4. -909 bulk U \$1.
 -273 to UHF, Un \$2.00 -306 R/A adapter,
 -282 to post \$1.50 used, \$1.75



BNC "T" like UG-274. Useful
 around the shop. Nickel plated.
 #274-T, Un, \$3.00

TYPE N: UG-21 male (RG-8), Used, \$3.00

Type N male (RG-8) Amphenol, New,
 #82-202-RFX, \$6.35; 5 / \$28.95
 UG-58 f chassis U \$2.50 UG-27 R/A m-f U \$2.
 -536 m (RG-58) U \$2.00
 -593 f bulkhead for R-59-62, used \$1.50
 -1052 f bulkhead for RG-58, used, \$1.50

TYPE C: UG-643 "C" female-female, \$2.50

TYPE TNC: Greomar #6000 (m) used, \$1.50 ea
 #6177 m R/A Un \$3. #6098 to N f bulk U \$3.

TYPE HN: UG-59 male Used, \$5.00
 UG-920 m-f R/A, \$6. DA-113 dummy U \$4.00

R-390A Connectors:

Twin-Ax male, Amphenol, New,
 #82-5589-RFX, \$9.95; 3 / \$25.00
 Mini-BNC p/o R-390A, #390A-MBNC, used, \$2.50
 As above but chassis, #390A-MBNC-CH, used, \$2.50

Hard to find R-390A balanced
 Input adapter. Goes from Twin-
 ax male to a UHF female.
 Unused, #UG-970, \$27.00



Trompeter

Trompeter Cable, 10 inch
 patch cord with two gold
 plated trompeter PL150-29
 mini patch plugs. Used good
 condition, #TRMP-1, \$12.00
 As above except 2 feet long. #TRMP-2, \$14.00

Helix Type N

Type N male connector
 by Andrew. Works with
 Helix FSJ-50B coaxial
 cable. Comes with tubing
 for strain relief. Coupling
 torque is 22-25 in-lb.
 #F4PNM-H, Unused, \$17.00; 4 for \$60.00



Cable Ties



1000 piece CABLE TIES IN PLASTIC CAN.
 0.1 x 3.9": 100 pcs blue, 100 pcs red,
 100 pcs white, 100 pcs yellow
 0.14 x 5.9": 100 pcs white, 100 pcs blue,
 100 pcs green
 0.14 x 7.9": 200 pcs white
 0.14 x 11.8": 100 pcs white
 Material: polyamide (nylon 6.6) as specified
 in MIL-S-23190 self-extinguishing. Temperature: -
 40F to +230F. #K/TF1000, New, \$13.99

As above but 300 piece kit.
 0.1 x 3.9": 25 pcs green, 25 pcs yellow,
 25 pcs black, 25 pcs red, 50 pcs transparent
 0.14x7.9": 50 pcs red, 50 pcs blue, 50 pcs
 transparent. #K/TF300, New, \$4.90

100 pieces of Nylon Black Cable Ties, 4" x 0.1", -
 40F to 230F, #K/TFB3, New, \$1.00

As above except, 5.5" x 0.14", #K/TFB4,
 New, \$1.78

As above except, 8" x 0.14", #K/TFB5,
 New, \$2.78

As above except, 11.4" x 0.14", #K/TFB6,
 New, \$5.50



All nylon ties listed below are common locking
 type and are standard 0.12" width.
 #CT-5.5, Black 5.5" overall length, 50/\$4.; 100/\$6.50
 #CT-5, Natural 5" overall length, 50/\$4.; 100/\$6.50

As above except 0.06" width. Bundle dia. is 5/8".
 #CT-4, Black 4" overall length. 50/\$3.00; 100/\$5.00
 #CT-4.5, Natural 4.5" overall length. 50/\$3.; 100/\$5.



Tie-Down Nylon Cable Tie - Ideal for fastening
 wiring or harnesses to chassis or mechanical
 assemblies. Accepts #10 screw. Maximum bundle
 diameter of 1 1/4". Overall length of 6".
 Standard 0.19" width.

#TCT-6B, Black color, 50/\$5.50; 100/\$8.00
 #TCT-6N, Natural color, 50/\$5.50; 100/\$8.00

Electrical Tape

Set of 6 rolls of electrical tape in dif-
 ferent colors: yellow, white, green,
 black, blue, & red. Ideal for color
 code wiring your audio systems,
 computers, etc... 3/4" wide. Length
 is 16.4 feet per roll. #T5S, New, \$1.90



AC Line Cords



Ground Fault Interrupt (GFI) line
 cord, 12 ft 3-conductor #18 awg; w/
 reset button. #18-GFI, \$2.50

3-COND LINE CORDS:

10 ft flat w/ R-A plug; #14 wire. #14-10FT, \$2.50

BUSINESS MACHINE CORD,
 3-blade type w/ AC plug; 6' black, 18 AWG.
 #HP-NS, \$2.00

16 AWG 3-blade line cord; no AC plug.
 #16-HP-NP, \$1.95

HEATER CORD type HSJ, 3-cond 7.5' #16 wire; grey
 molded R/A plug. #HSJ-16, \$2.00

Heat Gun & Shrink



1200 watt NTE Heat Gun,
 Electronic variable temper-
 ature control dial with tem-
 peratures ranging from
 250F - 1100F / 120C - 590C.
 Two speed motor. Heat
 guard. High quality heat
 element and solid state construction. Also strips
 paint and varnish. Thawing and drying. Shrinking
 and softening. #HG-001VT, New, \$41.99

4 Foot NTE Heat Shrink Tubing. Shrink
 Temperature: 120C. Shrink Ratio - 2:1.
 Example - 1/16" shrinks to 1/32".
 Comes in four colors: Black - "BK"; Clear
 - "CL"; Blue - "BU"; Red - "R". New.

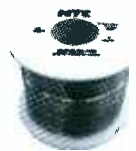
1/16", #47-20148-(Specify Color), \$0.87
 1/8", #47-20348-(Specify Color), \$0.91
 1/4", #47-20548-(Specify Color), \$1.30
 3/8", #47-20748-(Specify Color), \$1.56
 1/2", #47-20848-(Specify Color), \$2.02
 3/4", #47-20948-(Specify Color), \$2.70
 1", #47-21048-(Specify Color), \$3.71

1/16" black Polyolefin. 90°C shrink temp. Made
 by Sumitomo. #11438-(specify feet).
 10ft \$3.50; 25ft \$7; 50ft \$12; 100ft \$20

3/8" Dia. Alpha Irradiated PVC Heat
 Shrink Tubing, For wire harness jacking
 and covering handles, capaci-
 tors, and terminals. Rated 105 degree C. 2:1
 shrinkage ratio at 175 degree C. 3/8" diameter.
 #FIT-105-3/8, Unused, 10 ft for \$4; 25 ft for \$7.50

NTE Hook-up Wire

Stranded Hook-up Wire by NTE
 on the reel. Rated 300V minus
 90 degree Celsius. Comes in
 the following colors: Red "R",
 Black "BK", White "W", Blue
 "BU", Yellow "Y". New.



Gauge	Length	Part Number	Price
18	25ft	WH18-(specify color)-25	\$4.59
20	25ft	WH20-(specify color)-25	\$4.07
22	25ft	WH22-(specify color)-25	\$3.73
24	25ft	WH24-(specify color)-25	\$3.33
26	25ft	WH26-(specify color)-25	\$3.43
18	100ft	WH18-(specify color)-100	\$9.63
20	100ft	WH20-(specify color)-100	\$7.93
22	100ft	WH22-(specify color)-100	\$7.23
24	100ft	WH24-(specify color)-100	\$5.87
26	100ft	WH26-(specify color)-100	\$5.38

TEFLON Hook-up Wire by NTE on the reel.
 Rated minus 200 degree Celsius. Comes in the fol-
 lowing colors: Red "R", Black "BK", New.

Gauge	Length	Part Number	Price
18	25ft	WT18-(specify color)-25	\$14.10
22	25ft	WT22-(specify color)-25	\$8.87

SURPLUS HOOK-UP WIRE

Vinyl-covered hook-up wire, all stranded copper;
 no color choice. May not have continuous lengths
 over 1000 ft. Allow 2 lbs sh weight per 100 feet

Part#	Gauge	Price
HUW-14, 14	\$7.50/100 ft \$24/500 ft \$195/5000 ft	
HUW-16, 16 SOLID	\$4/100' \$32/1000' \$95/5000'	
HUW-20, 20	\$14/500 ft	
HUW-20-SH, 20 SHIELDED	\$5.95/100'	
HUW-22-SH, 22 SHIELDED	\$3.50/100' \$22/1K' \$75/5K'	
HUW-22, 22 SOLID	\$18/1000'	
HUW-24, 24	\$14/500 ft	
HUW-26, 26 SOLID	\$6/500' \$9/1000' \$30/5000'	

CHECK OUT OUR LATEST FEATURE ITEMS AT FAIRADIO.COM

Coax Cables

COAX CABLES with connectors from military equipment. USED/UNUSED:

#CG-409 CABLE, 8ft RG-58 with two BNC, \$4.00
 #RG-213-1, 16" RG-213 coax w/ R/A N conn. \$5.
 #CG-3444, 42" RG-214 w/ 2 UG-573 "C" conn., \$9.
 #A303892-10, SMA (m):TNC (f) 8" jumper; \$4.50

RG-142 Cable 3' 3" long with type SMA screw on male going to a type N female on the other. The type N female does not have any nuts. Cable is rated for 50 ohms 5000 volt. Diameter of the cable is similar to RG-58. Various manufacturers. 2 lbs sh.
 #RG-142-3, Used excellent condition, \$6.50

- - - TYPE N - SMA CABLES - - -

From cellular installation:



Type N male to R/A N male w/ 29" coax. #N-RAN-29, \$2.95

Type N female to SMA male w/ 33" coax. #FN-SMA-33, \$3.75

BNC male to right angle BNC male six foot RG-58 coaxial cable. #CG-1773, Unused, \$5.00; 6 for \$20



W-128 Single conductor antenna wire as used on many radio sets from WW2 thru the 1970's. Removed from installation kits, good condition.

#W-128-5, 5 feet, \$8.00; #W-128-9, 9 feet, \$12.00

Hardline Coax

Hardline 50 ohm Coax, 3/8" dia aluminum jacket, foam insulated. 9 gauge center conductor. 3/32" dia solid copper wire. 25pf per foot nominal impedance, impedance 50 ohms, 2500 vrms: #HLCX-3/8-(specify feet), \$65/ft; 100 ft/\$56.00 500 ft/\$225.00

MINI-FLEXIBLE HARDLINE COAX CABLE, Belden 1573A (RG-402 50 ohm) with SMA connectors. M= male, F=female, RA=right angle



#507-174A, M-RA to M-RA, 3.5" L, \$9.00
 #507-175A, M to F N-chassis conn, 8" L, \$12.00

0.5" dia FLEXIBLE HARDLINE (Cablewave 16733) with male N-connections (1-right angle); Various lengths as noted; 5 lbs sh. #HDL-16733- (length):

6 ft, \$18. 10 ft, \$22.
 12 ft, \$24. 15 ft, \$30. 22 ft, \$40.

SDU-Wire Kit



Wire Kit provides parts to connect an SDU-5/E flasher to a vehicle (12/24V) battery or wiring. Kit includes the following: Voltage Converter, Adapter, (2)

3/8" Ring Lugs with Wire, (2) #8 Spade Lugs with Wire, (2) Battery Clips with Wire, (4) Connector Splices, (4) 3/8"-16 Nut. (2) 11.5" Cable Tie, 7.25" Cable Tie, and a Velcro Strip. 3 lbs sh.
 #CK-SDU, Unused, \$10.00; 3 for \$25.00

Wire Galore !!

#22 Cloth Covered Stranded Hook-up Wire. Color choices: red/black, red/green, red/white, orange, orange/black, orange/green, orange/red, blue, blue/white, blue/red, green, green/black, PLEASE SPECIFY. #WCC-22-(specify color)-(specify feet), \$5.95/25ft, \$16.95/100ft

Twisted two conductor 22 gauge stranded cable with tin shield. 19 strands per conductor. Has white plastic jacket. Mfg by Brand-Rex. #WT-22, \$29.95 for 500 foot spool

2 conductor w/ ground and foil shield 22 AWG CL3R Instrumentation Cable E57497 with reel. 1000 foot. 75 deg C. Blue color. 21 lbs sh. #E57497, \$29.95



Black 18 gauge 2 conductor Cable by Carol. Type SVT. 300V 60C. 250 feet. 11 lbs sh. #86002, Unused, \$22.95

Gray 24 gauge 2 conductor Cable. Ideal for intercom use and other low voltage applications. Unused, 100 feet Less reel, #WR-24-2-100, \$7.95; 1000 feet with reel, 14 lbs sh. #WR-24-2-1000, \$19.95

Three conductor 22 gauge with shield. White vinyl covered. 500 foot spool, #WIRE-22-3, \$20.00

3 conductor 12 awg stranded wire. 65 strand 30 awg. 0.045 PVC jacket. Max 300 volt. Black color. 17 lbs shg per 100 foot. #SJTOW-A, Less than 100 feet, \$0.25 per foot 100 feet or greater, \$0.20 per foot

Twisted Twin-Axial RF cable with braid silver shield. Both conductors are 24 gauge with 19 strands per conductor. Cable rated at 77 ohm impedance. Light blue jacket. #WT-24-(specify feet), \$25.00/100ft; \$95.00/500ft

GUY WIRE, MACWHYTE Clear coated 1/4 Inch stainless steel wire rope. 7x19. Unused, 100 feet, #GY-WR-100, \$75. 500 feet, #GY-WR-100, \$300

Crimping Tool



80-PC TRAY CARD WITH CRIMPING TOOL. Crimping tool comes with a variety of different spade terminals, ring terminals, etc.. #BL/FCT, New, \$7.50

HEAVY-DUTY CRIMPING TOOL FOR FAST-ON. For crimping insulated terminals red awg 22-18, blue awg 16-14, yellow awg 12-10. 8.7" long. #VTHCT, \$25.98



CRIMPING TOOL FOR F & BNC CONNECTORS. For crimping cables: BNC, TNC, UHF, SMA - For RG cable 59, 62, 140, 210, FIBROPTIC. Size: 210, 55, 58. Size: 9.0". #VTFBNC, New, \$23.99

COAX CRIMPING TOOL RATCHET TYPE. For crimping BNC/TNC/N/F. For RG cable: 59, 62, 140, 210, FIBROPTIC. Size: 8.7", #VTBNC, New, \$19.95



Cutters & Strippers

UNIVERSAL CUTTER - HEAVY-DUTY. 6.5" long. #VT09, \$4.70

HQ MINIATURE DIAGONAL CUTTER. Carbon steel, hardened. Black oxide finish. 4.3" long. #VT057, \$2.99



MICRO CUTTING NIPPERS. For precision work. 5.1" long. #VT100, \$2.99

HEAVY DUTY MINIATURE DIAGONAL CUTTER. Carbon steel, hardened. Black oxide finish. 4.9" long. #VT106, \$2.30



CABLE CUTTER. Curved blade cuts wires up to 0.4". 6.5" long. #VTCC, \$6.50

5" ELECTRICAL CUTTER & STRIPPER. Strips wires from 20-24 AWG and cuts wires with a max. y of 0.05". 4.7" long. #VT109, \$4.30



Adjustable Cutter/Stripper. Strips AWG 30-10 wire. Adjusts with a screwdriver. High carbon steel. Precision ground cutting surface. #200-007, New, \$4.69

Precesion Wire Stripper. Plier type nose. Cutter jaws. Soft grip handles. Spring return. New.



For AWG 22, 20, 18, 16, 14, 12 & 10, #200-010, \$7.99 For AWG 30, 28, 26, 24, 22, 20 & 18, #200-001, \$9.29

Pliers

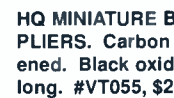


UNIVERSAL PLIERS - HEAVY-DUTY. 7.5" long. #VT03, \$4.99

HEAVY-DUTY LONG NOSE PLIERS. 6.0" long. #VT05, \$4.99



HQ MINIATURE FLAT NOSE PLIERS. Carbon steel, hardened. Black oxide finish. 4.9" long. #VT054, \$2.99



HQ MINIATURE BENT NOSE PLIERS. Carbon steel, hardened. Black oxide finish. 4.9" long. #VT055, \$2.99



HQ MINIATURE LONG NOSE PLIERS. Carbon steel, hardened. Black oxide finish. 4.5" long. #VT056, \$2.99

TOOL SET / 5PCS DIFFERENT PLIERS. Stainless-steel precision pliers set (5 pcs) : diagonal cutter, top cutter, bent nose pliers, flat nose pliers, long nose pliers. #VTSET, New, \$9.99



HEAVY DUTY TOOL SET - 3 PCS. Universal pliers, heavy-duty cutter, long nose pliers. New, #VT33, \$9.90

CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

Vises



VACUUM TABLE VISE WITH STANDARD HEAD. Turns and rotates in all directions. 75mm jaws with protective detachable pads. Opening 70mm. With vacuum base: easy to mount on all flat surfaces, can also be mounted with screws. 5lbs.

7.3x6.2x6.2, #VTTV, New, \$24.50

TABLE VISE WITH STANDARD HEAD. Professional quality for this metal vise for table-screw mounting. Jaw opening 3.0". Rotates 270 degree. Equipped with a fast mounting system. Height: 12.0". 6 lbs sh. #VTTV2, New, \$25.99



Knives & Knife Sets



PRECISION KNIFE WITH 5-PC BLADE SET. 5.7" long. New, #VTK1, \$1.59

HEAVY-DUTY KNIFE WITH 5-PC BLADE SET. 5.1" long. New, #VTK2, \$1.59



13-PC HEAVY-DUTY KNIFE SET. Contains 3 cutters with blade and 10 spare blades. New, #VTK7, \$3.19

Utility Knife with lock. Blade snaps off for sharp tip. 4.9" long. New, #VTK3B, 2 for \$1.00; 5 for \$2.00



As above except: Plastic handle with metal protection, 6.3" long. New, #VTK5, \$1.38

Utility Knife with metal housing. High-Q lock button. Set of spare blades. 6.1" long. New, #VTK4, \$2.50
Five spare blades for above, #VTSB3, \$0.99



Diamond Files



SET OF DIAMOND FILES - 10PCS. Powder-coated. 4.7" long. New, #VTFD1, \$8.50

SET OF DIAMOND FILES - 5PCS. Powder-coated. 5.5" long. New, #VTFD2, \$3.99



IC Extractor



IC EXTRACTION TOOL. 4.1" long. #VTIC, \$1.98

Radio Tuning Tools

6-PC PLASTIC TUNING NEEDLE SET. Comes with a variety sizes. #VTPT, New, \$4.90



Hex Wrench Set

HEX KEY WRENCH SET - 8PCS. Hex: 0.06", 0.08", 0.10", 0.12", 0.14", 0.16", 0.20", 0.24". New, #VTHEX8, \$1.39



Screwdrivers

SCREWDRIVERS

HANDLE: Swivel-handed cap and color-coded caps for easy identification. User-friendly grips for improved comfort. Special handle for good torque.
BLADES: Nickel-chrome molybdenum. Black oxidized tips for greater durability and accuracy. Plated blade to reduce glare and reflection. Horizontally ground tips for greater torque.

Phillips type:
#0, 4.7" long, #VTC1, \$2.30
#0-3, 6.7" long, #VTC2, \$1.99
#1, 10.0" long, #VTC3, \$2.70



Slotted type:
0.06", 4.7" long, #VTF1, \$1.98
0.09", 6.7" long, #VTF2, \$1.98
0.14", 8.1" long, #VTF3, \$2.70



ELECTRONIC SCREWDRIVER SETS

Ideal for TV sets, communication instruments, optical instruments, cameras, computers, VCRs, telephones, etc.



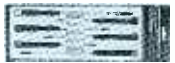
Slotted: 0.08"x1.6", 0.10"x1.6", 0.12"x1.6", 0.16"x1.6".
Phillips: PH#00x1.6", PH#0x1.6", PH#1x1.6".
#VTSET13, \$3.95

Slotted: 0.12"x1.6", 0.08"x1.6", 0.10"x1.6", 0.14"x1.6", 0.16"x1.6".
Phillips: PH#00x1.6", PH#0x1.6", PH#1x1.6", PH#2x1.6".
Torx: #T6x1.6", #T8x1.6", #T9x1.6", #T10x1.6", #T15x1.6", #T20x1.6". 4.7" long. #VTSET15, \$11.95

Chrome vanadium steel blade, satin finish. Lengths: 4 x 6 1/2" and 11 x 4 3/4".



Torx: #T6, #T7, #T8, #T9, #T10, #T15, #T20. **Slotted:** 0.08", 0.10", 0.12", 0.16". **Phillips:** PH#000, PH#00, PH#0, PH#1. #VTSET16, \$15.95



Black oxidized tips. Plastic handle with swivel-headed cap. **Slotted:** 0.09"x3.0", 0.12"x3.9", 0.16"x5.9". **Phillips:** #00x3.0", #0x3.9", #1x5.9". #VTSCRSET, \$4.50

Chrome-vanadium. Fully insulated. Red plastic grip. **Slotted:** 0.10, 0.12, 0.14 2 Phillips. #VTSCRSET5, \$2.30



Includes voltage light tester (110-500V). **Slotted:** 0.24"x5.9", 0.20"x4.9", 0.16"x3.9", 0.16"x3.7", 0.10"x3.0". **Phillips:** PH#0, PH#1, PH#2. #VTSCRSET1, \$4.50

Includes voltage tester with neon indicator (230-250V). Fully insulated (1000V). **Slotted:** 0.16"x3.9", 0.22"x4.9", 0.26"x5.9". **Phillips:** PH#0x3.0", PH#1x3.9". #VTSCRSET7, \$8.50

Tweezers



SET OF 4 TWEEZERS. Anti-magnetic stainless steel. 1 x bent nose, 1 x flat spade, 1 x self-closing and 1 x normal. 5.3" long. New, #VTTWSET, \$2.50

SET OF 4 TWEEZERS - NON-CONDUCTIVE. 5.3" long. New, #VTTWSET2, \$2.50



SECURITY SCREWDRIVER SETS



Contents - 1 x quality handle. 6 x inch socket: 5/64"x105, 3/32"x105, 7/64"x105, 1/8"x105, 9/64"x105, 5/32"x105. 6 x metric socket: 2.0x105, 2.5x105, 3.0x105, 4.0x105, 5.0x105, 6.0x105. 4 x tri-wing: #1x105, #2x105, #3x105, #4x105. 1 x cross: PH2x105. 1 x flat: 2.0x105. Comes in a plastic case. #VTBT7, \$28.99

Contents - 1 x quality handle. 7 x torx: T8x105, T10x105, T15x105, T20x105, T25x105, T27x105, T30x105. 3 x four-wing: 6x105, 8x105, 10x105. 4 x U-shape: 4x105, 6x105, 8x105, 10x105. 1 x cross: PH0x105. 1 x flat: 3.0x105. #VTBT8, \$24.99

PRECISION SCREWDRIVERS (MICROTIP)

Special handle with swivel cap. Black tip, chrome-molybdenum vanadium steel. Features - **ROTATING HEAD:** to facilitate support and rotation control. **HANDLE:** varying diameter for flexible grip position and torque high impact resistance, cadmium-free material, easy to recycle. **TAPERED GROOVE:** for better grip and faster rotation. **BLADE:** made of high-quality alloy chrome-vanadium steel, heat-treated. **BLACK TIP:** for high precision, protection from corrosion. **COLOR CODED:** for quick size selection. **METAL BALL:** for easier operation.

Slotted: 0.08"x2.9", 0.10"x2.9", 0.12"x2.9", 0.14"x2.9", 0.16"x2.9". **Phillips:** PH#0-0x2.9", PH#0x2.9", PH#1x2.9". #VTSET11, \$23.95



Torx: #T5x1.6", #T6x1.6", #T7x1.6", #T8x1.6", #T9x2.9", #T10x2.9", #T15x2.9", #T20x2.9". #VTSET12, \$23.95

SET OF 2 PLIERS, TWEEZERS AND 8 SCREWDRIVERS (MICROTIP). 4" long nose pliers. 4" diagonal pliers. 4.9" tweezers. **Slotted:** 0.05"x1.6", 0.06"x1.6", 0.07"x1.6", 0.08"x1.6", 0.09"x1.6". **Phillips:** PH#000, PH#00, PH#0. #VTSET14, \$39.95



ELECTRONICS BIT SET (19PCS) WITH SCREWDRIVER (MICROTIP). 20-pc precision bit set. **Phillips:** PH#0-0, PH#0. **Slotted:** 0.08", 0.10", 0.12", 0.16". **Torx:** #T6, #T7, #T8, #T9, #T10. **Hex:** 0.06", 0.08", 0.10". **Ball:** 0.06", 0.08", 0.10". **Pozzi:** PZ#0-0, PZ#0. #VTSET9, \$23.90



TOOL SET. Ideal for TV sets, communication instruments, optical instruments, cameras, computers, VCRs, telephones, etc.

Swivel-headed cap. Black oxidized tips for greater durability and accuracy. **PRECISION SCREWDRIVERS - Phillips:** PH#1-1, PH#1-2, PH#0, PH#0-2. socket: 0.12", 0.16", 0.20". **Hex:** 0.06", 0.08", 0.10". **Slotted:** 0.04", 0.06", 0.08", 0.09", 0.12", 0.15". #VTSET5, \$3.50



10-PC SCREWDRIVER SET. The bitholder has a holder for bits on both sides. Comes with 10 bits: 2 x slotted, 2 x philips, 3 x hex and 3 x torx. #VTS2, \$2.59



PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

Bit Sets



Consists of the following:
 Philips bits: PH.0, PH.1, PH.2 (5x), PH.3; Pozzi bits: PZ.0, PZ.1, PZ.2 (5x), PZ.3; Square bits: S0, S1, S2, S3; Flat bits: 3, 4, 4.5, 5, 5.5, 6, 6.5, 7, 8mm; Antenna remover bits: 4,

6, 8, 10; Torx bits: T8, T10, T15, T20, T25, T27, T30, T40, T45; Tri-wing bits: 6, 8, 10; Torx with center bits: T8, T10, T15, T20, T25, T27, T30, T35, T40; Four-wing bits: 1, 2, 3, 4; Metric hex bits: 1.5, 2, 2.5, 3, 4, 5, 5.5, 6, 8mm; Clutch bits: 1, 2, 3; Fractional hex bits: 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4; Dodecagonal torx bits: M5, M6, M8; Metric hex with center bits: 2, 2.5, 3, 4, 5, 6mm; Fractional hex with centre bits: 5/32, 9/64, 1/8, 7/64, 3/32, 5/64; 1 wing nut driver; 4 extension bits - socket bit holder 1 pc, magnetic bit holder 1 pc, 1/4" sq. x 1/4" x 2" extension 1 pc, 1/4" sq. x 1/4" x 1" extension 1 pc. #VTBT11, New, \$10.50

SECURITY BIT SET / 33 PCS.

Contents - Torx: #T8, T10, T15, T20, T25, T27, T30, T35, T40. Hex: #5/64", 3/32", 7/64", 1/8", 9/64", 5/32". Hex: #2, 2.5, 3, 4, 5, 6. Tri-wing: #1, 2, 3, 4. Fork: #4, 6, 8, 10. Four-wing: #6, 8, 10. Magnetic bit holder: 1/4" hex. #VTBT6, New, \$7.30



BIT SET / 33 PCS. Contents - Hex: #2, 2.5, 3, 4, 5, 6. Torx: #T10, T15, T20, T25, T30, T40. Slotted: 3, 4, 5, 6, 7. Philips: 1 x PH0, 2 x PH1, 3 x PH2, 2 x PH3. Pozzi: 2 x PZ1, 3 x PZ2, 2 x PZ3. Magnetic bit holder: 1/4" hex. #VTBT6, New, \$4.20

1/4" hex. #VTBT6, New, \$4.20



- M5, M6, M8
- ⊖ C1, C2, C3
- ⊖ 1/8", 3/16"
- ▲ 2mm X 2mm X 2mm
- ⊖ S0, S1, S2, S3
- ⊖ 1, 2, 3, 4, 5
- ⊕ 0, 1, 2
- ⊖ Wing nut driver
- ⊕ 6, 8, 10
- ⊖ PZ0, PZ1, PZ2
- ⊖ 4, 6, 8, 10, 12

● T-5, T-5, T-6, T-7, T-8, T-10, T-15, T-20, T-25, T-27, T-30, T-40

● 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 5/64", 3/32", 7/64", 1/8", 9/64", 5/32"

1 Piece 1/4" x 60mm magnetic bits holder, 1 Piece bits holder socket, 1 Piece socket adapter, 1 Piece ratchet screwdriver. New, #800-081, \$18.53

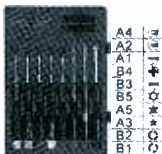
Tool Kits



41-PC TOOLSET. Head can be set at an angle of 0°, 45° or 90°. 38 bits: 14 hex sockets, 16 torx bits, 3 slotted, 3 philips and 2 S-bits. With plastic carrying case. #VTTT3, New, \$8.90

UNIVERSAL CELLULAR PHONE TOOL KIT.

Screwdrivers: U-shaped, curved, needle tip, 1 x philips, 1 x slotted, 3 x torx and 2 antenna removers. With colored swivel caps. #VTSET8, New, \$8.50



NTE Solder Gun



NTE Solder Gun, 100 watts heats up to 750F in 25 seconds; 140 watts heats up to 950F in 40 seconds. Large dual heat trigger switch for low/high watt. Temperature control. Long-reach tip and sturdy heating element connectors. Pre-focused light. 6 foot, 2 wire cord. #J-100, New, \$19.84

Two pack of nickel plated copper replacement tips for J-100 solder gun, #JT-104, \$3.87

ECG Soldering Irons

Electric Corded Soldering Irons. Each of the soldering irons listed below feature a long life tip (nickel-iron plated copper) and a cool grip rubber handle. 25 Watt - Tip temperature 464F, #J-025, \$4.90

Replacement conical tip for J-025 (nickel plated copper); 2 tips/package. #JT-101, \$1.13

60 Watt - Tip temperature 860F, #J-060, \$6.89

Replacement conical tip for J-060 (nickel plated copper); 2 tips/package. #JT-102, \$2.15



Electric Corded De-Soldering Irons, 45 watt, Temperature 788F, Long life tip. #J-045-DS, \$9.94

Butane Torch Micro-Jet. Features the following: Auto ignition, Child safety lock, Instant 2500F micro flame, Powered by a refillable butane cartridge (included). #J-300, \$12.40

Two pack butane replacement cartridge for J-300. #JT-004, \$2.48



Kester Solder Supplies

Pocket Pak .031 Dia. 0.5 oz. #83-4000-0000, \$1.69

Elec. Silver Solder, Box 0.35 oz. #83-7145-0415, \$1.46

Kwik-Draw .050 Dia. 1.3 oz. #83-3000-0000, \$2.93

One pound spool of Core Size 66, Alloy 60 / 40, Dia. in. 0.031, Gauge 21. #24-6040-0027, \$14.37

One pound spool of Core Size 66, Alloy 60 / 40, Dia. in. 0.062, Gauge 16. #24-6040-0061, \$12.83

SP44 Rosin Paste Flux 2 oz. #83-0000-0144, \$3.18

Tool Kits



FLEXIBLE EXTENSION SHAFT 7.5". PRECISION SCREWDRIVERS - Slotted: 0.08"x3.0", 0.10"x3.0", 0.12"x3.0", 0.16"x3.0". Philips: 0.10"x3.0" PH#0, 0.12"x3.0" PH#0, 0.16"x3.0" PH#1. HANDLE SCREWDRIVERS - Slotted:

0.16"x3.0", 0.20"x3.0", 0.24"x3.9", 0.31"x5.9". Philips: 0.20"x3.0" PH#1, 0.24"x3.9" PH#2. BITS: T10, T15, T20, T25, T27, T30, T40, H2, H3, H4, H5, H5.5, H6. 1/4" SOCKETS: 0.20", 0.24", 0.28", 0.31", 0.35" + 1/4" socket holder. BIT HOLDER: 2.8". #VTSET19, New, \$9.99

25-PC TOOLSET. 4.5" long nose pliers. 4.5" side cutter. Stainless-steel tweezers. 1.4" sockets: 7, 8, 9, 10. Magnetic screwdriver: 1.0".

Bits: slotted 0.12", 0.20", 0.28"; philips #1, #2, #3 (0.98"); torx #T10, #T20, #T30. 6 precision screwdrivers: slotted and philips. Carrying case: 6.1" x 3.9" x 1.9". #VTTT5, \$9.99



Soldering Tools



"Helping Hands" Soldering Aid with magnifier. Table top, weighted base. Multi-dimensional adjustment capability. Alligator style clips for holding subject work. #VTHH, \$4.50

6 Pc. Soldering Aid Set. 6 Double-ended picks and brushes. #VTSA, \$6.95



POWERFUL DESOLDERING PUMP. Teflon-nozzle. 10.8" long. #VTD1, \$3.30

EXTRA-POWERFUL DESOLDERING PUMP. Teflon-nozzle. 13.2" long. #VTD2, \$2.90

DESOLDERING PUMP WITH ANTISTATIC TIP. 7.5" long. #VTD3, \$5.99

Spare bit, #BITVTD3, \$2.50

H.Q. DESOLDERING PUMP. Aluminum body. 6.4" long. #VTD5, \$4.90; Spare bit, #BITVTD5, \$1.50



ECONOMIC SOLDERING IRON STAND. With cleaning sponge. #STANDLC, \$2.99

Radiosondes



VAISALA RADIOSONDE, ultra-light disposable transmitter (400 MHz approx) is designed to be carried aloft by weather balloon and transmit data for air temperature, barometric pressure and humidity to a ground station. Consists of circuit board, dipole antenna, and trailing wire. Requires 9 V battery. Cute experimenter item! 12.5"H as shown; 3 lbs sh.

#RS80, NEW, \$9.95 ea; 5/\$42.50

Radiosonde mfg by VIZ, transmits on 403 MHz RDF modulated signal; includes battery and separate antenna assy, transducer polishing cloth, baroswitch pressure calibration chart, and instructions. 4.8 x 3.8 x 12.3, 4 lbs sh. #ML659, Unused, \$12.95



AMT-4 Radiosonde Modulator originally was raised by a balloon into the sky to measure atmospheric conditions. Comes w/ barometric unit only. Atmospheric pressure range 1060 to 5 mb(millibars) Resistive temperature element temperature +60 to -90 d C.

With schematic. #MD-147, Unused, \$8.95

Newer version of above. No data, but expect the ranges to be about the same. #MD-210, Unused, \$8.50 Original manual AMT-4A. #MM-AMT-4A, \$15.00

Motorized Lens

MINOLTA MOTORIZED LENS, focal length 3 mm with 6 mm zoom assembly; probably used in copy machine. Front coated lens diameter 60 mm; rear 15 mm. Focus and zoom mechanism each has small DC gear motor which operates at about 30 RPM @ 5 VDC or 60 RPM @ 10 VDC. 5.5x5.5, 3 lbs sh. #LENS-36-98, Unused, \$20.00; 3 / \$50.00



MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

Peltier Device



PELTIER THERMO-ELECTRIC COOLING MODULE 3A 15.4V 149F. Melcor type: CP1.0-127-06L. I max.: 3A. Delta T max.: 65°C. voltage: 15.4V. Q max.: 25.7W. Number of couples: 127. Size: 1.2" x 1.2" x 0.14". 1 lb sh. #PELTIER1, New, \$13.95

PELTIER THERMO-ELECTRIC COOLING MODULE 6A 15.4V 153F. I max.: 6.0A. Delta T max.: 67°C. Voltage: 15.4V. Q max.: 51.4W. Number of couples: 127. Size: 1.6" x 1.6" x 0.15". 1 lb sh. #PELTIER2, New, \$14.95



Dehumidifier Control



HONEYWELL DEHUMIDIFIER CONTROL as used in home dehumidifiers. Plastic element tape senses humidity and "opens" normally-closed 120 VAC contacts; has variable control. 1.8x4.5x1, 1 lb. #H46A1103, unused, \$2.95

X-10 Controller

Leviton Manual Controller.

Used to control light and appliance modules. Compatible with Radio Shack and Home Safe remote devices. Can control 256 "X10" device codes. Unit has 16 Unit Code Buttons. Also, has 6 Command Keys: On, Off, Bright, Dim, All Lights On, and All Off. The controller is equipped with a key-operated lock-out switch that can be set in the "ON" or "OFF" position. The controller will transmit command signals to modules in your control system only if this switch is keyed to the "ON" position. Key pad mounted in sturdy steel case. Requires 120VAC 60Hz. 8.3x6.7x4.5, 7 lbs sh. #X10-6242, Unused, \$9.95 ea, 2 / \$18.00, 4 / \$32.00



Weaver D6 Scope



Quality 6 power scope fits common rifle mounts.

Unfortunately scope is without cross-hair. Still a nice low-cost spotting scope! 12.3" long, 2lbs. #SCOPE-D6-U, Used, \$7; #SCOPE-D6-UN, New, \$12

Grab Box

ASSORTMENT of used and unused commercial and government electronics parts such as assemblies, motors, coils, transformers, chokes, circuit boards, capacitors, resistors, and other usable items. Packed in 50 lbs cartons: #GRAB-ASST, \$12.00 ea; 2 / \$21.00



Allow for shipping charges!!

Matched Meters & Rheostats

"Loaded" with prime "clean" parts for DC power projects!

Panel includes:

- * 0-30 VDC METER.
- * 0-30 DC AMMETER.
- * 4 ea 50 MV SHUNTS.

* 4 RHEOSTATS: 2 ea 225 W 3 ohms, 2 ea 150 W 2 ohms. * 12 Circuit Breakers: 4 ea 32 VDC 8 amps 8 ea 32 VDC 20 amp. * 12 ea 1N1184 DIODES.

* 4 ea 2.4" dia KNOBS and other parts. Panel is sold "less its On-Off and 4 STA selector switch. 18.8x23x6, 30 lb. #DAV-LCP, 2 for \$65.00 Manual Repro for above, #MM-DAV, \$10.00



Ring Magnet



3.5" dia x 5/16" thick **MAGNET** with 1.9" dia open inner circle lifts about 8 lbs. 5" dia metal casing has mount flange to protect and isolate magnet; two wires attach to spring-loaded contacts. Use as magnetic antenna mount

or in robotic, audio or science projects; 2 lb #MAG-S91, \$3.00; 8/\$12.00

Electronic Ignitor

Fenwal Automatic Electronic Ignitor. Input 12 VDC. This looks like an ignitor for an oil furnace as it puts out a HV spark. Maybe neat for experiments. **BE CAREFUL.** 5.25 x 4.75 x 3 overall. 3 lbs sh. #05-159901-003, Unused, \$14.95 each



Finger Stock



18" long x 1/2" ht strips of finger stock. Each individual finger has a width of 1/15" and a ht of 5/16". #FS-18, Unused, \$6.95 ea; 4 / \$20.00

Experimenter's Paradise

Motorola Control Receiver?????

Great experimenter item. We have seen them in the past in some cities at intersections and believe their purpose was to intercept traffic signals when emergency vehicles needed to pass. Transistorized receiver covers 139.65 MHz with a five section preselector, crystal controlled oscillator and Vibrasponder tone detector which allows a SPST relay to be actuated by a tone in 600 to 800 Hz range. SPECIFY if tone-match required. Receiver is housed in a plastic protective case. Power required 24 VAC. Has internal transformer and power supply. 7.2" dia. x 6" Ht, 5 lbs sh. #15D82032, \$7.95 each 4 for \$25. #SCH-15D82032, Schematic Info, \$7.50



Control Receiver



Scientific Atlanta Power Control Receiver Model DCU-1051B-01-00-S Series DCU-G-1530. Originally used by power companies to allow radio control of power usage. The units have receivers in the 150 mhz range as well as

a 6 VDC contactor rated for 240 VAC 30A resistive. They are programmable and will work on the General Electric code format and/or the SA-105. Power transformer 240 VAC secondary approx 6 Vac. The weather resistant plastic case with gasket and snap closure is excellent for outdoor projects. Has molded on wall mounting brackets. Internal dimensions 9.5x7.4x3, 5 lbs sh. #DCU-1051B, Unused \$15.00 each; 3/\$33.00

Military Flashlight

MX-991/U FLASHLIGHT official rugged right angle military type made in USA. Operate from two "D" cell batteries (not included). Clear diffuser, red signal, and blue spare lenses store in handle; metal belt clip. O.D. green plastic; current issue, 8.3"Lx2" dia. #MX-991, New, \$9.50



Neoprene Gloves



Stanzoil Knit-Lined Neoprene Gloves. Multi-purpose chemical, abrasion and temperature resistant liquid-proof hand protection with durability and flexibility. Soft interlock knit lining insulates

from heat and cold, absorbs perspiration, and provides easy on/off. Neoprene coating resists a broad range of chemicals. Non-slip "roughed" grip. Mfg by MAPA Professional.

New, \$4.50 pair; 4 pair for \$12.00

Please specify model number when ordering. Sizes available:

Small: #S-432;
Large: #L-408;

Medium: #M-420
Extra Large: #XL-348

Teletypewriter

AN/UGC-129 Tactical Teletypewriter, full duplex teletypewriter has 16K RAM and QWERTY keyboard with Edit, Mode Select, and Memory.

Printer speed 120 CPS: 69-80 character line, single or double line feed. 64-character ASCII subset; ITA5 or Baudot codes. 8 baud rates 45.5 to 2400. Uses paper rolls 216 mm W x 127 mm dia friction feed, single or multi-copy. Requires 115/230 VAC 47-400 Hz; connectors not available. 9.5x15 x18.5, 52 lbs. #UGC-129, Used reparable, \$49.50 Manual repro f/ later model (useful), #MM-UGC-129, \$35 w/ set



Hydrophone



U S Navy NT-51038 Hydrophone, unused in wood box. Frequency range 1 - 20000 hz with eight Rochelle Salt Crystal doublets, each about 3 x 2 x 1 inch. Matching transformer for 25 ohm output. Rubber casing with castor oil immersed crystals approx 56 inches by 2.5 inches in diameter. The castor oil was used to couple the crystals to the water. Castor oil has deteriorated. Nine foot cable with two steel strain wires and two signal wires. A great experimenter item with a potential for listening to fish ???, boats, ships etc. Unused old stock in wood box. 29 lbs sh. #NT-51038, \$25.00

Aircraft Gyros



LEAR 3-AXIS RATE SENSOR with three #2157HB rate gyros; 3.4x6.4x6, 9 lbs sh. Lear mfg. #2162C, \$175.00

CN-708A / GG53A1 Vertical Gyroscope. Gyro Motor: 115V 400Hz single or three phase. Erection Motor: 26, 30, or 115V 400Hz. Synchro Pickoffs: 26V 400Hz input. 11.8V 400Hz line to line output. Caging Circuit: 28VDC. Outer Axis Rotation: unlimited. Inner Axis Rotation: +/-85 degrees. Erection Rate: 2 - 5 deg/min. Accuracy: 0.15 degree of true vertical. Synchro Accuracy: +/-6 min. Pictured with removed top cover. 9.6x6x5.3, 10 lbs sh. #CN-708A, Used, \$49.50



Choke Cable



Six foot choke cable with knob with 2 inch pull. 2 lbs shipping. #CHEX-CBL, \$5.00

EMAIL US YOUR INQUIRIES AT FAIRRADIO@FAIRRADIO.COM

Ritchie Compass



Ritchie Compass RU-90 has 5 degree increments. High-visibility blue 3" dial with extra large numerals. Flush mount sailboat racing style. Has 4500 lubber lines and internal gimbals. Black in color. 4 lbs sh. #RU-90, Unused, \$125.00

Aircraft Sextant

Sextant w/ periscope used in larger military aircraft to determine nightflight position relative to the stars. Has eyepiece with cup to view through right angle periscope with bubble level. Controls increase bubble size and adjust lens diffuser plus filters red, green & polarized. Also mechanical timer, 3-digit 100-turn counter dial, & transit case. Requires 28 V AC-DC for lights; 8"Wx13"Hx5.3"D, 23 lb #MS28011-1F, used w/ fiberglass case, \$59.50 #MS28011-NB, used, no case, no bubble, \$29.50



Gun Sight



Military Optical Gun Sight. No information on this sight. No part numbers. It has a 4 inch lens that looks like it fits into a fixture. Eyepiece with focus ring, but because this is not a complete system we are unable to focus on anything. See fairradio.com/optic.htm for more photos. 10.5x10.9x7, 25 lbs sh. #GUN-S, Used good condition. \$145.00

60 Second Timer

RHODES 60 SEC TIMER, times from 2 to 60 seconds; bell signals time elapsed. 3" dia plastic case; 1 lb. sh. #56414, NEW, \$2.50 each.



TV / FM Attenuator



75 ohm TV/FM Attenuator by Blonder Tongue Labs stock #4890. 0-890MHz with two F connectors and adjustment for attenuation. #4890, Used, \$8.00

Clock Mechanism

Quartz Clock Mechanism, for your self-made clock or as a replacement for a damaged clock. With suspension clip. Requires one AA-battery (not incl.). 2.2" x 2.2" x 0.6", #WCM1, \$1.50



Quartz Clock Mechanism with Alarm Function, Integrated buzzer with on/off switch. Comes with a set of clock hands. Requires one AA-battery (not incl.). 2.2" x 2.0", #WCM2, \$5.78

Cable Modems

Cable modems removed from service, no info. Made by Hybrid Networks. May be pulls or defective pulls, we do not know. Each has what looks like tuner module and crystal oscillator. Includes wall power supply. #CCM201, \$9.99; #N-202X, \$10

ZOOM 56K EXTERNAL PHONE MODEM w/ wall power supply #2386, \$4.00



Test Equipment Blow Out!!

All test equipment listed below is used reparable

AIL 777 UNIVERSAL RADIOMETER \$150.00
 ALLISON LABS HP LO FILTER \$225.00
 AUSTRON 6014 FREQUENCY MULTIPLIER \$175.00
 BALLENTINE 323 TRUE RMS AC VOLTMETER \$65.00
 BELL&HOWELL TSC-2000 SYSTEM CALIBRATOR \$395
 BERTAN 205A-10 10 KV POWER SUPPLY \$240.00
 BERTAN 210-05R 5 KV POWER SUPPLY \$240.00
 BOONTON 230 SIGNAL GENERATOR POWER AMPLIFIER \$175.00
 BOONTON 74D CAPACITANCE BRIDGE \$150.00
 BOONTON 75A-58 CAPACITANCE BRIDGE \$150.00
 BOONTON 76A 1 mhz AUTOMATIC CAPACITANCE BRIDGE \$395.00
 BOONTON 92AD RF MILLIVOLT less probe \$45.00
 BOONTON 93A-D TRUE RMS VOLTMETER \$45.00
 CURRY MCLAUGHLIN & LEN SMS-1 \$175.00
 CUSHMAN CE-21 FREQ SELECTIVE LEVER MTR \$175
 DATA 1/0 SYSTEM 19 EPROM PROGRAMMER \$250
 DOVETRON MPC1000 RTTY \$95.00
 EATON NM-67 EMI FIELD INTENSITY MTR 1-18Ghz \$1400
 EDC 501 PROGRAMMABLE VOLTAGE STANDARD \$75
 ELECTRO METRICS INTERFERENCE EMC25MK III 10 KHz-1Ghz \$250.00
 ELECTRO METRICS SPD-125 SPECTRUM DISPLAY w/PP125 and Dumont 74-14 TIME BASE \$150.00
 FLUKE 2201 SCANNER \$50.00
 FLUKE 332A DC VOLTAGE STANDARD \$450.00
 FLUKE 332D/AB VOLTAGE STANDARD \$495.00
 FLUKE 405AB HIGH VOLTAGE POWER SUPPLY \$295.
 FLUKE 5200A PROGRAMABLE AC CALIBRATOR \$300
 FLUKE 7600A SCANNER \$50.00
 FLUKE 893A AC DC DIFFERENTIAL VM \$50.00
 GERSCH SYNCHRO STANDARD \$125.00
 GR 1232 TUNED AMPLIFIER NULL DETECTOR \$65.
 GR 1310 A 2-2mhz OSCILLATOR \$50.00
 GR 1346 AUDIO FREQ MICROVOLTER \$65.00
 GR 1396B TONE BURST GENERATOR \$125.00
 GR 1651A BOLOMETER BRIDGE \$75.00
 GR 602G DECADE RESISTANCE 111.0 OHMS \$60.00
 GUILDLINE 9120 POTENTIOMETER, \$400.00
 GUILDLINE 9160G POTENTIOMETER, \$299.00
 GUILDLINE 9577 PRECISION DIGITAL VOLTMETER, \$500
 GUILDLINE 9719 VOLT RATIO BOX \$150.00
 HONEYWELL 1630 KELVIN DOUBLE RATIO BRIDGE \$250
 HP-201C OSCILLATOR, \$85.00
 HP-214A PULSE GENERATOR \$150.00
 HP-400E, ANALOG AC VOLTMETER, \$69.50
 HP-400GL ANALOG AC VOLTMETER, \$95.00
 HP-1206B OSCILLOSCOPE \$150.00
 HP-2590B MICROWAVE CONVERTER \$125.00
 HP-3310A FUCTION GEN \$125.00
 HP-3336B SYNTH-LEVEL GENERATOR \$395.00
 HP-3437A SYSTEM VOLTMETER \$100.00
 HP3476B Digital Multimeter \$250.00
 HP-3495A SCANNER \$95.00
 HP-3575A GAIN PHASE METER \$375.00
 HP-3710A IF 1BB TRANSMITTER \$125.00
 HP-37461 MONITOR DISPLAY \$150.00
 HP-4204A 10HZ-10MHZ Digital OSCILLATOR \$250.00
 HP-431C POWER METER \$75.00
 HP-4437A ATTENUATOR \$99.00
 HP-4815 VECTOR IMPEDANCE MTR NO PROBE \$295
 HP-5036 Microprocessor Lab in case \$175.00
 HP-5180A WAVEFORM RECORDER \$450.00
 HP-5315B 100 Mhz Universal Counter \$175.00
 HP-54600A OSCILLOSCOPE \$450.00

HP-8012 PULSE GENERATOR \$125.00
 HP-8056A FILTER SET \$295.00
 HP-8402B CALIBRATOR \$75.00
 HP-8614A SIGNAL GEN .8-2.4GHZ \$250.00
 HP-8616A SIGNAL GEN 1.8-4.5GHZ \$275.00
 HP-8708A Synchronizer \$125.00
 HP-8900B PEAK POWER CALIBRATOR \$95.00
 HP-940A FREQUENCY DOUBLER \$150.00
 HOLT HCS-1AF PRIMARY ALTERNATING CURRENT SHUNT 20MA, 200MA, 500MA, 2A, 5A, 20A, \$300.
 KROHN-HITE 330 MR 2-20KC BANDPASS FILTER \$95
 KRON HITE 4141R Oscillator \$225.00
 L&N 1087722 .10000 OHM VOLTAGE DIVIDER \$125
 L&N 2665 AYRTON SHUNT \$95.00
 L&N 4232 GUARDED WHEATSTONE BRIDGE \$100
 L&N 4737 GUARDED WHEATSTONE BRIDGE \$225
 L&N 7553-5 K-3 UNIVERSAL POTENTIOMETER \$195
 L&N 8691-2 MILLIVOLT POTENTIOMETER \$150.00
 L&N 8692 TEMPERATURE POTENTIOMETER \$150.
 L&N 8693-2 TEMPERATURE POTENTIOMETER \$150
 L&N 4385 SHUNT BOX \$75.00
 L&N 7592 VOLT BOX \$95.00
 MARCONI TWELVE CHANNEL FM7816 \$125.00
 MB 2250MA POWER AMP \$125.00
 MIL C10196/USM-430 DISPLAY \$475.00
 MIL UPM-137 IFF TEST SET \$699.00
 MIL USM-144/CM212 \$125.00
 MONROE ELECTRONICS ISOPROBE ELECTRO STATIC VOLTMETER 144S-4 \$350.00
 NH RESEARCH SF2276 2 PHASE SINE WAVE WHEEL SUPPLY \$200.00
 NORTH ATLANTIC 214C Phase Angle \$395.00
 NORTH ATLANTIC 225 Phase Angle \$275.00
 POLARAD VECTOR ANALYZER ZPV \$750.00
 PRECISION CALIBRATION KIT WR137 5.85-8.20GHZ C340A1 C344A C301 6625-00-318-5425 \$400.00
 ROCKLAND 852 DUAL HI/LO FILTER \$495.00
 SINGER STODDARD NM-17/27 EMI FIELD INTENSITY METER \$995.00
 SUNAIR GSB-900RU RECEIVER NO CONTROL \$495
 TEK 434 STORAGE OSCILLOSCOPE \$225.00
 TEK 575 TRANSISTOR CURVE TRACER \$295.00
 TEK 606A MONITOR DISPLAY \$145.00
 TEK TSG3 PLUG-IN'S FOR TEK 1410 \$150.00
 TEXSCAN RS-50 SWEEP GEN 0-500 MHZ \$175.00
 TEXSCAN VS-50 SWEEP GEN 0-500 MHZ \$175.00
 TRACOR 599 Tracking Receiver 599-303 AGC Phase 599-204 Receiver 599-502 Power Supply \$495.00
 TS-1775 RELAY TEST SET \$45.00
 TS-2669 Envelope Delay Distortion Measuring Set \$175
 TS-419 SIGNAL GENERATOR 850-2100 MHZ \$165.
 TS-488 X BAND ECHO BOX \$250.00
 WAVETEK 157 PROGRAMMABLE WAVEFORM SYNTHESIZER \$225.00
 WAVETEK 143 20 MHZ FUNCTION GEN. \$99.00
 WAVETEK 159 FUNCTION GENERATOR \$375.00
 WAVETEK 180 SWEEP FUNCTION GEN \$150.00
 WAVETEK 187 4MHZ PULSE GENERATOR \$99.00
 WAVETEK 2001 1-1400MHz Sweep Generator \$375.
 WAVETEK 278 Function Generator \$325.00
 WAVETEK 750 Phase Meter 10HZ- 2MHZ \$395.00
 WAVTEK 182 Function Gen Sine Square Triangle \$75
 WEST INSTRUMENTS 98 MINNEAPOLIS HONEYWELL PORTABLE POTENTIOMETER RUBICON PYROTEST, \$125.00
 WJ FDM DEMODULATOR \$395.00

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

500 MHz H-P Counter



HP-5345A ELECTRONIC COUNTER, solid-state 9-digit plug-in type measures DC to 500 MHz channels A &

B without any plug-in. Function Select: Plug-in, Freq A, Period A, Time Int A to B, Ratio B/A, Start Stop. Channel controls 50 or 1 M ohm input, x1/x10 Atten, AC-DC, and Level. Requires 100/120/220/240 VAC 48-66 Hz; 5.3x 16.8x19.5, 42 lb sh. #HP-5345A, Used-reparable, \$250.00

HP-5328A ELECTRONIC COUNTER, solid-state modular design; counts



upto 512 MHz on 9-digit LED display. 10 MHz reference oscillator, input for external freq-standard. Universal 100 MHz Module controls Channels A & B functions LEVEL, AC-DC select, ATTEN 1-10-100, and Marker output. Sensitivity 25 MV to 40 MHz; 50 MV 40-100 MHz. Channel C module provides 5-512 MHz range, 15 MV rms sensitivity. Trigger fixed; 50 ohm impedance. With Option 011 HP-1B computer interface & manual repro. Requires 100/ 120/220/240 V 48-66 Hz; 3.5x 18.5x19, 28 lbs. #HP-5328A-UR, Used-Reparable, \$195.00 #HP-5328A-CH, Checked, except for HP-1 computer interface, \$450.00

18 GHz Counter



HEWLETT-PACKARD 5340A FREQUENCY COUNTER, covers 10 Hz to 18 GHz with automat-

ic amplitude discrimination feature allowing counter to select largest signal in 250 MHz-18 GHz spectrum. Has 8-digit display. Sensitivity -30 dBm, 10 Hz-500 MHz; -35 dBm 500 MHz-10 GHz; -25 dBm 10-18 GHz. Input impedance 50 ohms; 10 MHz crystal time base. Has Self-Check and N and BNC input connections. Requires 115/230 VAC 48-66 Hz; 3.5x 16.8x18.8, 31 lbs sh. #HP-5340A, Used-Checked, \$1095.00

HP-5245L Counter

HP-5245L COUNTER, 7-digit predecessor of 5345A; measures upto 50 MHz without plug-ins. 100 mv sensitivity; gate 1 usec to 10 sec in decade steps. Units at least "test" count. 5.3x16.8 x18.3, 34 lbs sh.



#HP-5245L, Used-Reparable without plug-in, \$69.50

Manual repro, #MM-HP-5245L, \$20 w/set purchase. #HP-5253B Plug-in, 50-500MHz, \$50.00 #HP-5257A Transfer Osc. plug-in, 0.05-18 GHz, \$150

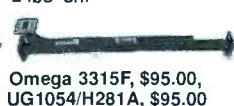
H-P Microwave



HEWLETT-PACKARD, 5 lbs sh. Used: G532A, 3.85-5.85GHz, \$195.00 J532A, 5.3-8.2 GHz, \$195.00 P532A, 12.4-18 GHz, \$195.00 R532A 26.5-40GHz, \$195.00 X532B, 8.2-12.4GHz, \$195.00 536A, 0.94 - 4.2GHZ, \$50.00 537A, 3.7 - 12.4GHZ, \$50.00

DIRECTIONAL COUPLERS: 2 lbs sh.

H752D, \$125, J752D, \$125, P752A, \$99, P8747A, \$150, X752C, \$99, X910A, \$99, Omega 3315E, \$95.00, Waveline 60563, \$95.00,



Omega 3315F, \$95.00, UG1054/H281A, \$95.00

X910B Termination, \$20.00

Value Priced Multimeter



MINI 3 1/2 DIGIT DMM - 19 RANGES. Automatic polarity indication. Diode and transistor (hFE) test. DC voltage: 200m/2000m/20/200/500V. AC voltage: 200/500V. DC current: 200µ/2000µ/20m/200m/10A.

Resistance: 200/2000/20k/200k/2000k. Basic accuracy: ±0.8% (±1.0% for 2000k range). Low-battery indication. With manual, test leads, and GP23GA 12V battery. #DVM810, New, \$5.99

20 Range Multimeter

3 1/2 DIGIT DMM - 20 RANGES

- 10A - TRANSISTOR TEST.

Automatic polarity function low-battery indication.

Transistor and diode test. DC

voltage: 200m/2/20/200/1000V.

AC voltage: 200/750V. DC cur-

rent: 200µ/2m/20m/200m/10A.

Resistance: 200/2000/20k/200k/2000k. Basic accuracy: ± 0.8%. Overload protection: 250V. Low-battery indication. 2.8" x 5.0" x 1.0" 3 lbs sh. Includes manual, test leads, and a 9V battery.

#DVM830, New, \$9.99



23 Range Multimeter



3 1/2 DMM - 23 Ranges / 20A. Has

transistor, diode and audible continuity test. DC voltage:

200m/2/20/200 /1000V. AC volt-

age: 2/20/200/750V. DC current:

200µ/2m/20m/200m/20A. AC cur-

rent: 2m/20m/200m/20A. Low-bat-

tery indication. 3.3"x6.5"x1.3" 3

lbs sh. With manual, test leads, holster, and 9V battery. #DVM92, New, \$29.95

Clamp Meter

ECONOMIC DIGITAL CLAMP METER, 3

1/2 LCD display with automatic polarity

indication. Data-hold function. AC cur-

rent measurements: max. 1000A.

Insulation test: max. 2000Mohm. Voltage

measurements: AC (max. 750V) and DC

(max. 1000V). Resistance measure-

ments: max. 20Kohm. DC voltage: 1000V.

Basic accuracy: ± 0.8%. Input imped-

ance: > 9Mohm. Maximum input: 1000V. AC volt-

age: 750V. Basic accuracy: ±1.0%. Input imped-

ance: > 9Mohm. Maximum input: 750V. AC current:

200/1000A. Basic accuracy: ±2.0%. Overload pro-

tection: 1200A for 60 seconds. Resistance: 200/20k

(insulation test: 20M/2000M). Basic accuracy:

±1.0% (±2.0% for insulation test). Overload protec-

tion: 500V. Overrange: yes "1". Continuity buzzer:

yes. Low-battery indication: yes "BAT". Requires

9V battery. Accessories: manual / test leads / bat-

tery / carrying bag. 9.1" x 1.5" x 3.5". 2 lbs sh.

#DCM266L, New, \$22.50



Digital Clamp Multimeter



DIGITAL CLAMP MULTIMETER WITH

DATA-HOLD AND BACKLIGHT. 3 Ω

LCD display with automatic polarity

indication. Data-hold and backlight

function. DC voltage: 600V. AC

voltage: 600V. AC current:

2/20/200A (via transformer jaws).

Resistance: 2k. Continuity buzzer.

7.6" x 2.8" x 1.4". 3 lbs sh. Includes manual, test leads, 1 x 12V GP23A battery, carrying bag.

#DCM265, New, \$59.00

Economy Multimeter



3 1/2 DMM - 10A / HOLD FUNCTION / BACKLIGHT, DMM with automatic polarity function and 3 Ω digit LCD display. Diode, transistor and continuity test with buzzer. Data-hold function and backlight. DC voltage:

200m/2/20/200/1000V. AC voltage:

200/600V. Maximum AC/DC voltage

is 600V. DC current: 200µ/2m/20m/200m/10A.

Overload protection: 10A. Resistance:

200/2k/20k/200k/2M. Requires 9V 6LR61 battery

(incl.). Comes with protective holster. 2.7" x 5.4" x

1.2". #DVM850BL, New, \$15.99

Temp / Capacitance / Freq

3 1/2 DMM - 30 RANGES / 20A / TEM-

PERATURE / CAPACITANCE / FRE-

QUENCY. Low-battery indication,

Overload protection and automatic

deactivation. Transistor, diode and

audible continuity test. DC voltage:

200m/2/20/200/1000V. AC voltage:

2/20/200/700V. DC current:

2m/20m/200m/20A. AC current: 20m/200m/20A.

Resistance: 200/2k/20k/200k/2M/20M/200M.

Capacitance: 2000p/20n/200n/2µ/20µF. Frequency:

20kHz. Temperature: -50C to 1000C. 3.5" x 6.7" x

1.5". 3 lbs sh. With manual, test leads, holster, 9V

battery, temp. probe. #DVM890, New, \$45.00



Analog Multimeter



DC voltage 2.5/10/50/250/500V, maximum input 500V, AC volt-

age 10/50/500V, maximum input

500V, DC current

500µ/10m/250mA, resistance: x1

and x10 with ohm adjusting

knob. Basic accuracy ± 5%.

Has battery-check function, and

fuse & diode protection.

Requires one AA-battery (included). Comes with manual, test leads and protective holster. 4.7" x 2.4" x 1.2", 2 lbs sh. #AVM460, \$12.50

ME-297 Multimeter

ME-297/USM-223 FET MULTI-METER measures AC-DC

volts to 5000 V in sequential

ranges 2.5-10-50 to 5 KV, AC-DC

1000 ohm/V or DC 20K ohm/V.

Also DC current to 10 amps in full

scale ranges 0.25-2.5-10-50-100-

500 MA DC and 2.5-10 amps.

Resistance scales X1K-10K-100K-

1M-10M ohms. Includes rugged

plastic case, 4.5" dia FS=50 ua

meter, red-black test leads and

front cover. Requires 6-PXB1 1.3

V & 1-C" batteries (not supplied). 6x7.4x8.8, 7 lb.

#ME-297-UR, Used-Reparable, \$34.95;

#ME-297-CH, Checked, \$54.95

Units converted so they require six double A and one

C battery, #ME-297-CON, Checked, \$89.50

Manual partial repro, #MM-ME-297, \$8.50



Voltage Tester



Voltage Tester by Ideal. Tester checks for 110 to 550VAC; 110

to 600VDC; 25 to 60Hz frequen-

cy; Identifies AC or DC;

Checks circuit continuity;

Determines DC polarity; Finds

blown fuses, grounding and

leakage. Comes with the test

leads featuring safety shield

prod tips. 1.5x2.4x6.4, 3 lbs sh.

#61-067, Unused, \$20.00

FOR ORDERING INFORMATION SEE PAGES 19

URM-120 Wattmeter



URM-120 Wattmeter measures incident & reflected RF from 10 to 500 watts over 25 to 1000 MHz. Uses two plug-in coupler elements CU-754 (25-250 MHz, 10-50-100-500 W) and CU-755 (200-1000 MHz, 10-50-100-500 W) that fit TS-1285* meter. Max-insertion VSWR 1.08 (1.05 for CU-754/755, 500 W range). Power selectable on each coupler. TS-1285* has 3.5" dia meter, 0-10-50 W scale and N conn. W/transit case & manual. 5x4.8x7.3, 20 lbs

#URM-120, (TS-1285 etc), used-reparable, \$175.00

Dummy Load

DA-189/GRC Dummy Load, portable 50 ohm unit operates over 600 to 1850 MHz range @ 40 watts max. Output indicated on 3.5" dia meter; "C" input connection. 4x4x10, 9 lb.

#DA-189, Used, \$40.00



HP-3586B Voltmeter



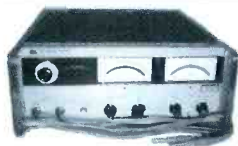
HP-3586B FREQUENCY SELECTIVE VOLTMETER, measures tone level, idle channel noise, weighted noise at voice & compare to carrier frequency over 50 Hz to 32.5 MHz @ 75 ohm input; voice level over 50 Hz to 100 KHz @ 600 ohms. Amplitude +20 to -130 dBm; resolution to 0.01 dBm. Option 003 measures phase jitter, noise-with-tone, signal-to-noise with tone ratio and single level impulse noise. Push-button control & entry; HP-1B programmable. NA Bell standard. Requires 100/120/220/240 VAC 48-66 Hz; 7x16.8 x18.4, 62 lbs sh. #HP-3586B, Used-Reparable, \$595.00

Freq Selective Voltmeter

SIERRA 128A FREQUENCY SELECTIVE VOLTMETER for analyzing carrier signals over 10 KHz to 15.1 MHz LSB-AM-USB; utilizes all-transistor frequency lock, Could probably be used as receiver. Separate circuits for MHz and KHz tuning each with controls COARSE, FINE, CURSOR, and input TRACKING SIGNAL BNC jack. Voltmeter has ranges 30 uV to 30 V in 13 steps; DB ranges -90 to +30 DB. Select 75-135-600 ohm termination or 1 MHz calibrator; also Selectivity WIDENARROW, Main Tune LOCK-CONT, Audio GAIN, and phone jack. Requires 115 V 60 Hz or 28 VDC 220 ma. May have brown or beige front panel; 12x20x15.5, 52 lbs sh. #SIE-128A, Used-reparable w/ book, \$100



Vector Voltmeter



HEWLETT-PACKARD 8405A VECTOR VOLTMETER, measures both magnitude and phase over 1 to 1000 MHz in 21 overlapping bands. Also capable of determining insertion loss,

group delay of bandpass filters, complex impedance of mixers and antennas. RF distortion and in-circuit probing. Ranges: 100 uv to 1 V-rms full scale in 10 db steps. Phase: 360 degrees on 0-center meter with end scale ranges +/- 180, 60, 18 and 6 deg. Band-width: 1 KHz. Requires 115/230 VAC50-400 Hz; 7x16.8x18.4, 36 lbs, #HP-8405A-UR, Used Reparable w/ manual repro,\$295

ME-82/U Wattmeter



Wattmeter for 50-600 MHz range 120 watts at 52 ohm input. Has non-linear scale 0-120 W 2.5" dia meter & C connection. 5.8x6.8 x13.5, 17 lb. #ME-82, Used, \$65.00

URM-127 Audio Oscillator

AN/URM-127 SOLID-STATE AUDIO OSCILLATOR, 20 Hz to 200 KHz in four bands. Metered output 0-10 Vrms into 500 or 1000 ohms in 7 decade ranges. Design accuracy +/-2%; stability +/-0.5%. Requires 115 VAC 50-70/380-420 Hz. 7.5x13x4.5, 15 lbs sh. #URM-127-UR, Used Reparable, \$55.00 #URM-127-CH, Checked, \$100.00



AN/URM-127A newer version, but no frequency meter. #URM-127A-UR, Used reparable, \$65.00 #URM-127A-CH, Checked, \$120.00

Manual repro for URM-127, #MM-URM-127, \$15.00 Manual repro for URM-127A, #MM-URM-127A, \$15.00

1K ohm Dummy Load for URM-127 & TS-382 oscillators. Has two banana jacks, two terminal posts, and a BNC female connector. #DA-35, Used, \$8.00



UG-514 Adapter Connector for URM-127 & TS-382. Has two banana jacks, two terminal posts, and a BNC female connector. 1 lbs. #UG-514, Used, \$7.50

Audio Attenuator

The Shallco Attenuator Network is a 600 ohm impedance, decade type, unbalanced "T" circuit direct reading unit providing accurate performance in the low radio frequency spectrum, and usable over the range from 0 to 10 MHz. Accuracy +/- (.5% + .03 dB) of setting when checked at 1KHz. Unit has a range of 0 to 110dB in 1 dB steps and is equipped with 3/4" spacing 5 way binding posts. 7.5x12x5.3, 8 lbs sh. #12851-1, Unused, \$99.50



Audio Output Meter

TS-585 OUTPUT METER for audio amps, filters, oscillators. Ranges 0.1-5 mw, -10+7 dbm; 1-50 mw, 0+17 dbm; 10-500 mw, +10+27 dbm; 100-5000 mw +20+37 dbm read on 3.5" dia meter. Multiplier circuit x0.1, x1, x10, x100 allows input impedances 2.5 to 20000 ohms in 40 steps; 30-10000 Hz response. 8.5x11x5.5, 17 lbs sh. #TS-585, Used, \$69.50; Manual, partial-reproduction, #MM-TS-585, \$8.50



Audio Test Set

MARCONI TF2005 DUAL AUDIO TEST SET, low distortion unit (designed <0.05%) consists of two 20 Hz-20 KHz oscillators, 0.1-111 dB T-attenuator and voltmeter. Output 15 dBm into 600 ohms. Attenuator balanced 75, 150, 600 ohms 1 W max; unbalanced 600 ohms. Voltmeter ranges 1.5, 5, 15, 25 V; dB ranges +10, +20, +24. Requires 115 VAC 50-60 Hz; 7x17x11, 32 lb sh. Less power cord. #TF2005, Used Reparable with output, \$195.00



Noise Level Meter



Northeast Electronics TTS37BR Noise Level-VU Meter, 1 & 10 db/step attenuators measures level +23 to -95DBM; Noise 13 to -5 DBRN. Input imped

900 & 600 ohm circuits balanced/unbalanced, terminating or bridged. Sensitivity -80 DBM @ 0 DB. Has large VU-meter with scales -15 to +3 VU-DB, -5 to +13DBRN. 8.8x19x7.5, 15 lbs. #TTS37BR, Used Reparable w/book, \$99.50

Light/Sound/Temp. DVM

3 1/2-DIGIT DMM - 20 RANGES - 10A - SOUND LEVEL / LIGHT / HUMIDITY / TEMPERATURE. Automatic polarity function. Low-battery indication. Transistor, diode test, audible continuity test. Overrange protection. Sound level measurements: 35-100dB. Light measurements: up to 20000lux. Humidity measurements: 25%-95% RH. Temperature: -20C to +1300C. DC voltage: 200m/20/600V. AC voltage: 200/600V. DC current: 200u/200m/10A. Resistance: 200/2k/200k/1M. 4.8x2.4x1.6. Includes manual, test leads, and 9V battery. #DVM501, New, \$99



Sound Level Meter



Analog Sound Level Meter, 7 sound level ranges: 50 to 126dB, A and C. Weighting: for sound analysis, fast/slow response: allows intermediate and high level measurements, with battery level indication, RCA output jack, Range: up to 126dB, Positions: 60, 70, 80, 90, 100, 110, 120dB, Load impedance: 1kohm min., Distortion: <2% at 1kHz 0.5V, Microphone: electret condenser microphone, omnidirectional, directionality increases at higher frequencies, Precision: ± 2dB at 144dB, Weighting: A or C, Response: slow or fast, Output signal: max. 1V deviation at 1kHz for the entire range, Requires 9V battery (incl.). Battery test: OK indication between 7 and 10.5V. 6.3" x 2.4" x 1.7", 2 lbs sh. #AVM2050, \$39.95

H-P Analyzer

HP-312B ANALYZER / FREQUENCY SELECTIVE VOLTMETER, 1 KHz to 18 MHz AM, AM AFC, BEAT, USB, LSB in 18 overlapping bands indicated on 7-digit readout. Synthesizer for tuning phase-locked in 1 MHz steps. Bandwidth 200, 1000 or 3100 Hz. Reference level -40 to +20 DBM in 10 DBM steps. Amplitude -60 to 0 DB in 10 DB steps. Impedance selectable 50, 60, 75, 124, 135, 150 or 600 ohms balanced or unbalanced. Audio output > 0.5 V rms into 10K ohm full scale deflection. Recorder output 1 V full scale deflection open circuit. Requires 115/230 VAC 50-400 Hz; 16.8x10.5 x18.8, 51 lbs. #HP-312B, Used Reparable, \$195.00



Distortion Analyzer



HEWLETT-PACKARD 331A DISTORTION ANALYZER, measurement of total distortion 0.1%-100% in 7 ranges over 5 Hz to 600 KHz; harmonics to 3 MHz. 1 KHz filter attenuates frequencies below 400 Hz. Fundamental rejection >80 DB. Meter indicates 300 uv to 300 V rms in 13 ranges, 10 DB per range. Requires 115/230 V; 16.8x5 x15.3, 24 lbs sh. #HP-331A, Used Checked w/ manual, \$225.00 #HP-334A, Used Checked w/ manual, \$300.00

CHECK OUT OUR LATEST FEATURE ITEMS AT FAIRRADIO.COM

HP Carrier Test Set



HEWLETT PACKARD 3550A CARRIER TEST SET for field testing transmission line and system characteristics.

Includes solid-state 204C Oscillator, 493B Voltmeter, and 353A Patch Panel described below in transit case. Regulating batteries removed; 8.4x19.3x13.3, 36 lbs sh.
#HP-3550A, Used Reparable, \$169.50
#MM-HP-3550A, Manual repro, \$25.00

HP-204C AUDIO OSCILLATOR, AC line or rechargeable battery operation. Unit provides frequency from 5 Hz to 1.2 MHz in six overlapping ranges. Delivers an output voltage of >2.5 V-rms (10 mW or +10 DBM) into 600 ohm. Includes Sync Output: > 100mV-rms into <100pf over entire range. 5.1x6.3x8, 9 lbs sh.
#HP-204C, Used Reparable, \$90.00
#MM-HP-204C, Manual repro, \$12.00

HP-403B AC VOLTMETER, measures 0.001 to 300V-rms in 12 calibrated steps, -60 to +50 DB in 10 DB steps. Response 5 Hz - 2 MHz. Requires 115/230 VAC and four 6 V 225ma batteries in regulating circuit. 5.1x6.3x8, 9 lbs sh.
#HP-403B-LB, Used Reparable, less batteries, \$69
#MM-HP-403B, Manual repro, \$12.00

HP-353A Telephone Patch Panel, 50Hz-560KHz. Output impedance 135, 600, and 900 ohms. Step 600 ohm attenuator. 2 pair of matching transformers primary 600 ohm, sec 135, 600, 900 ohms. 5.1x6.3x8, 9 lbs sh. #HP-353A, Used, \$30.00

Digital Tachometer

RPM-measurements are now safe and accurate. 5-digit LCD displays the exact rpm: 2.5 to 99,999rpm. The last value / max. and min. values are stored automatically. Resolution: 0.05%. Comes with case. Requires 9V battery. #DTC6234, New, \$79.95



HP Wave Analyzer



HEWLETT-PACKARD 310A WAVE ANALYZER, a frequency selective voltmeter-receiver covering 1 KHz to 1.5 MHz with bandwidths 200, 1000, and 2000 Hz; resolution 200 Hz/div. Modes AFC-Normal-BFO-USB-

LSB-AM. Amplitude ranges 10 uV to 100 V full scale, 16 steps. AFC: dynamic hold-in +/-3 KHz min @ 100 KHz; tracking 100 Hz/sec. Has headphone jack and is operable as VLF receiver. Requires 115/230 V 60 Hz; 10.8x16.8 x18.4, 50lb.
#HP-310A, Used-reparable w/ manual, \$125.00

Distortion Analyzer

HEWLETT-PACKARD 331A DISTORTION ANALYZER, measurement of total distortion 0.1%-100% in 7 ranges over 5 Hz to



600 KHz; harmonics to 3 MHz. 1 KHz filter attenuates frequencies below 400 Hz. Fundamental rejection >80 DB. Meter indicates 300 uV to 300 V rms in 13 ranges, 10 DB per range. Requires 115/230 V; 16.8x5x15.3, 24 lbs sh.
#HP-331A, Used Checked w/ manual, \$225.00
#HP-334A, Used Checked w/ manual, \$300.00

Wheatstone Bridge



ZM-4 Wheatstone Bridge used to measure DC resistance. Resistance measurement range 1 ohm to 1.011 M ohms +/-0.15%; As a resistance substitution box it is adjustable in 1 ohm steps from 0-10110

ohms. The current limit of the resistors is 16-500ma depending on setting. Galvanometer indicates balance in test circuit. Requires three "D" batteries. Also 22.5 to 200 VDC for more accurate readings above 1000 ohms. Can be used as a precision resistor substitution box. 5.8x7.3x8.8, 12 lbs
#ZM-4-UR, Used Reparable, \$34.50;
#ZM-4-UR-L, Used Reparable less galvanometer, \$17
#ZM-4-CH, Used Checked, \$49.50;
Manual repro, #MM-ZM-4, \$12.00

LC Bridge

3 1/2-DIGIT LC BRIDGE. Digital LC meter with 3" LCD display and figure height 21mm. automatic zero indication: high measuring accuracy. Capacitance: 2n/20n/200n /2µ/20µF/200µF. Inductance: 2m/20m/200m/2H. 7.4" x 3.6" x 1.2" 3 lbs sh. With manual, test leads, holster, 9V battery. #DVM6243, New, \$96.86



Anemometer



ANEMOMETER. Wind speed measurements in mph, km/h or m/s units. Reads up to 65MPH. Wind speed in Beauford wind scale bar graph. Wind chill display. Temperature display in degrees Celsius or Fahrenheit. Data-hold function. Auto power OFF. LCD backlight. Comes with neckband and 1 x 3V CR2032 battery. 1.5"x.7"x 3.9". #DVM9500, New, \$89.95

Transmission Test Set

Northeast Electronics TTS-44 Transmission Test Set. A useful device for test and measurement of audio VLF-RF frequencies up to 99.99



KHz. Has a four digit display switchable from Hz to KHz, and an edgewise DB meter. Also, has a small front mounted speaker with level control. Send portion of unit generates frequencies in presets (404,1004, 2804 Hz) and variable ranges (35 - 375 Hz, 375 - 4.5 KHz, 4.5 - 60 KHz) and has an output attenuator from -40 to +10 db in six ranges. Both send and receive have two independent channels with bridged and terminated binding post and phone plug connections. 120VAC, and self contained battery operation (no warranty of battery condition) 12.7 x 15 x 7.5, 33 lbs sh. #TTS-44, Used reparable, \$69.50
#MM-TTS-44, Manual Repro for above, \$20.00

TS-656 Test Meter



TS-656 Electrical Meter Test Set supplies accurately metered AC and DC voltages and DC current to test meter movements. AC, DC voltages 0 to 2.5, 5, 10, 25, 50, 100, 250, 500. DC current: 0 to 100 uA, 250 uA, 500 uA, 1 ma, 2.5 ma, 5 ma, 10 ma 25 ma 50 ma, 100 ma, 250 ma, 500 ma and 1 amp. Requires 120 v 60 Hz. 55 lbs sh. 17.75 x 14.25 x 11.75. With operators info. #TS-656, Used Reparable, \$149.50

Thermometer

In/Out Thermometer, Memory for min/max values. Wall-mounted or freestanding device. Simultaneously display in/out. Alert/set button to enter a preset value for in/out temperature. Readout in C or F. Weatherproof sensor probe for outdoor temperature. Temperature range indoor: -10C to +50C (+14F to +122F); outdoor: -50C to +70C (-58F to +158F) Digit height: 0.5". Display size: 1.18" x 1.57". Unit size: 4.3" x 2.75" x 0.78". Requires one AAA battery (included). #TA20, New, \$9.95



Infrared Thermometer



INFRARED THERMOMETER. One-handed operation. Laser technology. Range 0 to 788F. Resolution 1F / 1C. Spectral response 6-14µm. Response time 500ms. Accuracy -20C to +10C ± 3C; +11C to +40C ± 3C. Operating temperature 0 to +50C. Power consumption 40mA max. Requires a 9V-battery (not included) 1.7" x 1.6" x 6.7". 2 lbs sh. #DVM8869, New, List Price, \$179.90; Our Price, \$149.50

Sweep Generator

SG-677 Sweep Generator, solid-state covering 0.5 to 1200 MHz in ranges 0.5-300 & 300-1200 MHz; output 0.5Vrms into 50 ohms.



Sweep width continuously variable 0.01-1 MHz (Narrow), 0.5-400MHz (Wide). Sweep rate continuously variable, 5-60 Hz. Attenuation 0-70DB in 10DB steps + vernier; markers 1-10-50MHz. Requires 115VAC 60/400Hz. 10.5x19x17, 38 lbs sh.
#SG-677, Used Reparable, \$275.00
#MM-SG-677, Manual Repro, \$15.00

URM-26B Generator



SG-117/URM-26B SIGNAL GENERATOR, 4 to 405 MHz AM-CW -Pulse in six bands. Output 0.1 to 100K uV into 50 ohms. Modulation 400 or 1K Hz 0-50%. External pulse-mod requires positive 40 V-min 50-500 pps; duration 2-40 usec and 70 ohm input impedance. Requires 115 V 50-1000 Hz. Outer case may have small dents. 11.3x14x10.5, 36 lbs sh. #URM-26B, Used Checked, \$160.00
Manual repro, #MM-URM-26B, \$15.00

Accessories sold only with purchase of URM-26B: 2:1 attenuator, 50 ohms, #CN-315, \$8.00
10:1 50 ohm, #CN-316 \$10.00
10:1 70 ohm, #CN-471 \$10.00
Impedance matcher, #CU-439, \$10.00
BNC cords, 4 foot, #BNC-4ft, \$4.00;
BNC cords, 6 inch, #BNC-6IN, \$2.00

SG1174 Signal Generator

SG-1174/U (AUL 6201B) Signal Generator 3.8 - 7.6 GHz. Internal modulation of CW, pulse, square wave, FM or accepts external modulation. Control complement includes vernier tuning, attenuator, sync multiplier, pulse rate (40-400pps), pulse width (.5-10us), sync delay (3-300us), and FM modulation level. Solid-state design except for 5037 klystron. 50 ohm output, plus sync and sync delay outs; external modulation inputs. 5.7x19x13.7, 54 lbs sh, No manual available. #SG-1174, Used Reparable, \$150.00



CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

UHF Signal Generators



HEWLETT-PACKARD 620B SIGNAL GENERATOR, 7 to 11 Ghz in single band FM, pulse or squarewave modulation. Calibrated output 0.1 uv to 0.224 V into 50 ohms. Also second 0.3 MW uncalibrated output useable for phase locking. Pulse rate 40

to 4000 pps; width 0.5 to 10 usec. Uses 5721 or = klystron. Requires 115/ 230 VAC 50-400 Hz. 13.9x17.5 x17.4; 70 lbs.

#HP-620B, Used Repairable, \$200.00
Manual repro for above, #MM-HP-620B, \$17.00

HP-618C GENERATOR, similar to 620B except 3.8 to 7.6 Ghz; #HP-618C, Used Repairable, \$150.00
Manual repro for above, #MM-HP-618C, \$17.00

TS-403 RF GENERATOR, 1.8-4.2 Ghz; 0.1-200K uv out. Similar to HP-616B; 70 lbs shipping.

#TS-403, Used Repairable, \$150.00
Manuals repro for above, #MM-TS-403, \$17.00

SG-557/TS-621 RF GENERATOR 3.8-7.5 Ghz FM-CW; 110 lbs sh. #SG-557, Used Repairable, \$150.00
Manuals repro for above, #MM-SG-557, \$17.00

HP-8640B Signal Generator



HEWLETT-PACKARD 8640B RF GENERATOR w/ options 001/003 for 500 KHz - 512 MHz

AM-FM-Pulse in 11 bands read on 7-digit display. Output +19 to -145 dbm (2 V to 0.013 uv); phase-lock FM. Opt 003 is reverse power protection. Requires 100/120/220/240 VAC 48-440 Hz; 5.5x16.8 x18.8, 53 lbs shipping.

Used Checked w/manual copy, #HP-8640B-13, \$995

MILITARY VERSION of popular solid-state HEWLETT-PACKARD 8640B with opt 323 (AN/USM-323). Covers 500 KHz to 512 MHz AM-FM-Pulse in ten octave



ranges using 6-digit LED readout; to 1024 MHz using external freq doubler (not available). Output: 0.01 uv to 2 V (-144 to +19 DBM); modulation 400, 1000, 5000 Hz. Pulse: 0.05-5 KHz. Resolution 10 Hz (0.5-4 MHz), 100 Hz (4-64 MHz), 1 KHz (64-512 MHz). USM-323 does NOT have these features: seventh 1/2 digit, X100 Expand, ext-count input, phase-lock. Mounted in transit case. Requires 103-127/207-242 VAC 48-440 Hz; 7.8x19.5 x22.4, 70 lbs.

#USM-323, Used Checked w/book copy, \$795.00

480 MHz Signal Generator



HEWLETT-PACKARD 608E SIGNAL GENERATOR, best of 608-series covers 10-480 Mhz AM-CW-pulse; 1 & 5 Mhz calibration check points over range make +/-0.05% accuracy possible. Modulation 400 or 1000 Hz internal; external 20 Hz-20 KHz, 0 to 90%. Large 3.5" dia meters for Percent Modulation & Output Volts-DBM. Requires 115/230V 50-400 Hz;

16.4x13.3x21, 72 lbs.

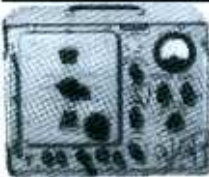
#HP-608E-UR, Used Repairable, \$225.00

#HP-608E-CH, Checked, \$275.00

Manual repro for above, #MM-HP-608E, \$15.00

FIBERGLASS TRANSIT CASE for HP-608 generators; 30 lbs sh. #FIB-USM-44B, used, \$30.00

50 MHz Signal Generator



AN/URM-25 SIGNAL GENERATOR with accessories; covers 10 KHz to 50 MHz in 9 bands. Output to 100K uv into 50 ohms. Modulation 0-50% 400 or 1000 Hz; internal 1 MHz calibrator. Includes MX-1487 imped-

ance adapter, SM-35 antenna simulator, attenuators CN-223-224, test cable & manual repro.

Requires 115 VAC 60 Hz; 11.3x14x10.8, 58 lbs sh. #URM-25-UR, Used Repairable, \$110.00
#URM-25-CH, Checked, \$179.50

Dummy Antenna for URM-191 & other signal generators such as the URM-25. 50 ohm impedance. Has a female BNC connection on each end. #DA-650, Used, \$6.00



Fixed 5:1 Attenuator for URM-191 & other signal generators such as the URM-25. Has a female BNC connection on each end. #CN-1418, Used, \$7.00

Adapter Connector for URM-191 & other signal generators such as the URM-25. Has a female BNC connection on one end and a 1/4" phone jack on the other end. #35-28102-14, \$6.50

Test Leads



TEST LEADS. 2 test leads with protection caps. Ratings: 1000V / 15A. Length: 30" / 37". #TLM1, New, \$5.99

SET OF TEST LEADS - 2 BANANA PLUGS. 2 test leads (with banana plug) 0.16". Length: 39.4". #TLM2, New, \$1.39



SET OF TEST LEADS - BANANA PLUG / BOOTED CROCODILE PLUG. 3 test leads (banana plug 0.16" / booted crocodile plug). Length: 35.4". #TLM3, New, \$1.39

SET OF TEST LEADS - 2 HOOKED BANANA PLUGS. 2 test leads (2 hook banana plugs) 0.16". Length: 35.4". #TLM4, New, \$1.99



Test Leads with alligator clips. Each test lead is 55" long. Used in conjunction with PSM-6 and other military meters. #MX-1909, Unused, \$4.

Red & black panel jacks f/ above. #J-19, used, \$2 per set

Alligator Clips

ALLIGATOR CLIP 10A. Solder conn. Length 2.2". Boot color black, #CM16B, 4 for \$0.99; 10 for \$1.99
Boot color red, #CM16R, 4 for \$0.99; 10 for \$1.99

As above but 27mm.

Boot color black, #CM5B, 8 for \$0.99; 24 for \$2.19

Boot color red, #CM5R, 8 for \$0.99; 24 for \$2.19



20 amp rated Industrial Alligator clip with spiny contact by Mueller. No insulation. Unused, #AC-1868, \$1.25 each; 3 for \$3.00

Jumper Test Leads



SET WITH 10 WIRES 50cm 5 COLORS WITH BOOTED 32mm CROCODILE CLIPS. Crocodile clips: 5/4". Cable length: 20". Booted alligator clips: 25mm. #CM12, New, \$1.79

HP Analyzer Plug-In



HEWLETT-PACKARD 8553B SPECTRUM ANALYZER PLUG-IN for HP-141T main-frame; covers 1 KHz to 110 Mhz in bands 0-11 and 0-110 Mhz. IF bandwidths: 10 Hz to 300 KHz, 1-3

sequence. Scan widths on 10-division CRT: 20 Hz/div to 10 Mhz/div in 18 calibrated steps, 1-2-5 sequence. 4x8.9x13.5, 17 lbs.

#HP-8553B-UR, Used Repairable, \$250.00
Manual partial repro, #MM-HP-8553B, \$17.00

HP-8552B IF Plug-in for 141T. Features video filtering, recorder outputs and an internal calibration signal to make the spectrum analyzer easier to use. Provides band-



width/gain selection and detection. Internal calibration standard is -30dBm, 30MHz signal.

16.8x16.4x8.8, 14 lbs sh. #HP-8552B, Used operates but may need adjustment, \$350.00

HEWLETT-PACKARD 8445B AUTOMATIC PRESELECTOR. This YIG tuned filter unit is designed for use with the HP-141T Analyzer with the HP-8555A Plug-in. Suppresses harmonic mixing image and multiple responses from 1.8 to 18 GHz. Clean band sweeps of 2, 4, 6, or 8 GHz are possible depending on the band selected. N connections. Less interconnect cable. Requires 100/120/200/240 V 48-440 Hz. 3.5x16.8 x18.4, 25 lbs sh.

#HP-8445B, Used Repairable, \$299.00

Scope Probes



OSCILLOSCOPE PROBE 150MHz. Complete probe set for measurements up to 150MHz. Attenuation: 1:1 or 1:10. Position x1 - bandwidth: DC to 60MHz, input resistance: 1Mohm (input resistance scope) input capacitance: 90pF + cap. scope. Position

x10 - bandwidth: DC to 150MHz, input resistance: 10Mohm (if scope input = 1Mohm), input capacitance: 15pF approx. Cable length 3.9ft. #PROBE150, New, \$39.95

OSCILLOSCOPE PROBE 100MHz. Complete probe set for measurements up to 100MHz. Attenuation: 1:1 or 1:10. Position x1 - bandwidth: DC to 60MHz, input resistance: 1Mohm (input resistance scope) input capacitance: 90pF + cap. scope. Position x10 - bandwidth: DC to 100MHz, input resistance: 10Mohm (if scope input = 1Mohm), input capacitance: 16pF approx. Cable length 4.6ft. #PROBE100, New, \$29.95



INSULATED SCOPE PROBE 60MHz. Complete probe set. Insulated for hand-held equipment. Attenuation: 1:1 or 1:10. Position x1 - bandwidth: DC to 15MHz, input resistance: 1Mohm (input resistance scope), input capacitance: 46pF + cap. scope. Position x10 - bandwidth: DC to

60MHz, input resistance: 10Mohm (if scope input = 1Mohm), input capacitance: 18pF approx. Cable length is 4.6ft. With insulated BNC connector. #PROBE60S, New, \$19.95

PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

Tektronix Plug-ins

Each of the plug-ins listed below are used repairable.

Part Number: #TEK-(specify model)

- 1A1 High Gain Wide Band, \$45.00
- 2B67 Time Base, \$45.00
- 3A1 Dual Trace Amplifier, \$45.00
- 3A3 Vertical Dual Trace Differential Unit, \$75.00
- 3A6 Dual Trace Amplifier, \$45.00
- 3A72 Dual Trace Amplifier, \$40.00
- 3A74 Quad Trace Amplifier, \$80.00
- 3B4 Time Base Single Sweep Type, \$45.00
- 3S76 Sampling Dual Trace, \$40.00
- 5A14N Four Channel, \$100.00
- 5A15N Single Trace Amplifier DC-2MHz, \$35.00
- 5A18N Dual Trace Amplifier, \$79.50
- 5A21N Differential Amplifier, \$50.00
- 5A24N Single Trace Amplifier DC-2MHz, \$30.00
- 5A38 Dual Trace, \$45.00
- 5A48 Dual Trace, \$60.00
- 5B10N Time Base / Amplifier, \$50.00
- 5B12N Dual Time Base, \$85.00
- 5B25N Digitizer / Time Base / Amplifier, \$99.00
- 5B40 Time Base, \$60.00
- 5B42 Delaying Time Base, \$85.00
- 5T3 Time Base, \$65.00
- 7A11 Amplifier, \$99.00
- 7A12 Dual Trace Amplifier, \$60.00
- 7A13 Differential Comparator, \$125.00
- 7A15A Amplifier, \$60.00
- 7A16A Amplifier, \$99.00
- 7A18 Dual Trace Amplifier, \$125.00
- 7A19 Amplifier, \$125.00
- 7A22 Differential Amplifier, \$150.00
- 7A24 Dual Trace Amplifier, \$99.00
- 7A26 Dual Trace Amplifier, \$99.00
- 7B10 Time Base, \$199.00
- 7B50 Time Base, \$155.00
- 7B53A Dual Time Base, \$179.00
- 7B71 Delaying Time Base, \$175.00
- 7B80 Time Base, \$125.00
- 7B85 Delaying Time Base, \$150.00
- 7B87 Time Base, \$175.00
- 7B92A Dual Time Base, \$199.00
- 7D15 225MHz Counter / Timer, \$199.00
- 10A2 Dual Trace Amp, \$50.00
- 11B1 Time Base, \$40.00
- 53/54K Fast Rise .05-20V/cm, \$20.00
- 72 Dual Trace Amplifier, \$45.00
- 80 Single Trace DC-80MHz, \$40.00
- AM-6565/U Amplifier (7A15AN11), \$45.00
- B Wideband 50mv-20V/cm, \$25.00
- CA Dual-Trace DC-24 MHz, \$40.00
- D High Gain DC Differential, \$25.00
- E Low Level AC Differential, \$25.00
- H Wideband 50mv-20V/cm, \$25.00
- K Low Level AC Differential, \$25.00
- L Wideband High Gain, \$30.00
- O Operational Amplifier, \$50.00
- P Rise Time Test Unit, \$25.00
- Q Transducer-Strain Gauge, \$85.00
- Z Differential Comparator, \$85.00

Rack Mount Ears



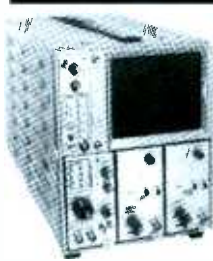
3 1/2" Rack Mount Ears by Hewlett Packard. With mount screws. #5061-0074. Unused, \$7.00 per set

Wire Clips

144mm LONG WIRE CLIP FOR CABLE CONNECTION. Suitable for cable and 4mm banana plug. Length is 5.7". Black color, #CM23B, \$1.64
Red color, #CM23R, \$1.64

40mm WIRE CLIP. Solder connection. Length is 1.6". Black color, #CM22B, \$0.99; 3 for \$1.99
Red color, #CM22R, \$0.99; 3 for \$1.99

TEK 7603N11S



AN/USM-281C (Tektronix 7603-N11S) OSCILLOSCOPE, modern, versatile 7000-Series scope with large 8 x 10 cm display and at least 65 Mhz response. Includes two AM-6565 (7A15AN11) single-trace and one TD-1085 (7B53AN11) dual time base plug-ins plus the 100 Mhz mainframe accepts standard Tek 7000-Series plug-ins. Vertical deflection 5 mV - 10 V/div in 11 calibrated steps, 1-2-5 sequence; vernier to 25 V/div. Sweeps: Normal, Intensified Delay, Delayed and Mixed. Rate 0.05 uS - 5 S/div in 25 steps, 1-2-5 sequence; 5 NS rate using x10 magnifier. Delayed rate 0.05 uS to 0.5 S/div in 22 steps. Requires 100-120/200-240 VAC 48-440 Hz. With book; 11.5x9.7x25.2, 52 lbs.

#USM-281C-UR, Used-Repairable, \$320.00
#USM-281C-CH, Checked, \$400.00
Manual repro f/ USM-281C only, #MM-USM-281C, \$30

ADAPTERS for USM-281C/TEK7603:

- ADAPTER BNC (f) - UHF (m) #103-0015, \$2.50
- ADAPTER BNC (m) -UHF (f) #103-0032, \$2.50
- ADAPTER BNC (m) to post, #103-0033, \$2.50
- T-CONNECTOR, BNC (f-m-f) #103-0030, \$3.00
- CABLE, 8 ft BNC, 50 ohms, #012-0118, \$4.00

TEK 500 Modules / Plug-ins

The TEK TM503 Power Module benchtop mainframe is a three wide power module compatible with all TM500 Plug-ins. It provides unregulated DC and AC supplies and non-dedicated power transistors for plug-in usage. 17x8.35x9, 14 lbs sh. #TM503, \$125.00



Four Wide Power Module, #TM-504, \$145.00
Five Wide Portable w/ covers, #TM-515, \$169.00

Part Number for plug-ins below:
#TEK-(specify model)

- AM502 Differential Amplifier, \$195.00
- AM503 Current Probe Amp (no probe included), \$179
- DC501 Counter 110 MHz, \$199.00
- DC502 (opt. 1) Counter, \$199.00
- DC503 Universal Counter, \$129.00
- DC504 Counter / Timer, \$129.00
- DM501 Digital Multimeter, \$99.00
- DM502 Digital Multimeter, \$149.00
- FG501 Function Generator, \$129.00
- PG501 Pulse Generator, \$129.00
- PG505 Pulse Generator, \$225.00
- PS501 Power Supply, \$199.00
- SG503 Leveled Sine Wave Generator, \$499.00
- TG501 Time Mark Generator, \$499.00

*****TEK 5000 Plug-in*****

FG5010 Programmable Function Generator, \$999

Tek Plug-in Adapter

Tektronix type 81 DC-30MHz Vertical Plug-in Adapter. Allows the use of all 1-series and letter-series plug-ins with 580-series oscilloscopes. Tube type version. 12.2x5.9x7.1, 6 lbs sh. #TEK-81, Used, \$29.95



Personal Scope Special



PERSONAL SCOPE 10MS/s, Complete portable oscilloscope the size and the cost of a good multimeter. Ideal for hobby, service, automotive and development purposes. Suitable for measurements on audio equipment, line voltage applications, digital signals, all kind of sensors, signal analysis in automotive applications, car stereo, etc Its full auto

setup function, makes measuring waveforms very easy. 10MHz sampling rate. 0.1mV sensitivity. Up to 2MHz analog bandwidth. 5mV/div. 20 steps in 12 steps. 200ns to 100ns time base in 2 steps. Full auto setup, trigger mode, run, normal, once, roll, slope, X-Y and position signal shift. DVM readout with 10 option. Audio power calculation (rms and peak). dBm, dBV, DC, rms ... measurements, signal markers for Volt and Time. Frequency readout (through markers). Recorder function (roll mode). Signal storage (2 memories). LCD: 128x64 pixels / high-contrast. Requires five 1.5V AA battery or Nicd / NIMH (not incl.). Includes battery charging circuit. #HPS10, New, List Price, \$210.46; Our Price, \$159.50

275 MHz Scope

HEWLETT-PACKARD

1720A PORTABLE SCOPE, DC to 275 MHz response with dual channels, large 6x10 CM display, and selectable input impedance 50 ohms or 1 meg-ohm. Modes Channel A or B, A+B, A & B alternating, A & B chop. Deflection: 5 mv-5 V/div in 10 calibrated steps, 1-2-5 sequence plus vernier to 12.5 V. Sweep: 10 ns-0.2 s/div in 23 steps, vernier to 0.5 sec and X10 magnifier. Trigger normal, auto or single. Delay sweep: 10 ns-0.1 s/div in 22 steps, vernier to 0.25 sec; delay time varies 0.02 us-2 sec. Calibrator 1 KHz squarewave, 1 V p-p. Requires 115/230 VAC 50-440 Hz, 38 lbs.
#HP-1720A-UR, Used Repairable, \$375.00
#HP-1720A-CH, Checked, \$475.00



Similar except DC-150MHz, repairable, #HP-1710A, \$325
Similar except DC-100MHz, repairable, #HP-1741A, \$275

Manual repro for HP-1710A, #MM-HP-1710A, \$30
Manual repro for HP-1720A, #MM-HP-1720A, \$30

TEK 100 MHz Scope



TEKTRONIX 465M (AN/USM-425) OSCILLOSCOPE, militarized portable dual-trace unit has response DC to 100 MHz and 8x10 CM display. Deflection 5 mv to 5 V/div in 10 calibrated

steps, 1-2-5 sequence plus vernier. Vertical modes: TRIG View, 20 MHz BW, CH 1, ALT, Add, Chop, CH 2 or X-Y. Sweep 0.05 usec to 0.5 sec/div in 22 steps plus vernier; delay 0.05 usec to 50 msec/div. Inputs: 1 Megohm paralleled by 20 pf. Also X10 magnifier, adjustable handle, and manual copy. Front cover is not available. Requires 100-132/ 200-264 V 48-440 Hz; 19.2x12.8x7, 32 lbs sh. #TEK-465M-UR, Used physically OK but power supply troubles, \$225.00
#TEK-465M-CH, Checked, \$375.00

EMAIL US YOUR INQUIRIES AT FAIRRADIO@FAIRRADIO.COM

DC Voltmeters

Analog Panel Meter, 0-5 VDC, Scale reads 0-75 watts. 4.6" x 4.1", #251-4, New, \$12.00

FS=5 VDC, scale 0-1.5 A & 0-300 MA; 2.5" rd. #VDC-5, Used, \$5.00

ES=5VDC, 5-0-5/10-0-10maDC, 3.5" rd, #S00-5-0-5V, Used, \$13.00



DATA TECH 0-20 VDC DIGITAL PANEL METER, uses Sperry 7-segment 0.5" H readouts. 10 meg ohm imped.; auto-polarity, OVP. Requires 115 V 60 Hz. Units have "weak" displays and/or "bad" segments. 1.9"Hx4"Wx5.5"D, 3 lbs. sh. #5313-220, "AS-IS", \$10.00

POLARAD Mfg. FS=100 V DC, 0-100-500 scale, 4"W x 3.8"H. #M2/TV13, \$8.95



FS=150 VDC, 0-1500-5000 sc. 4"Wx3.8"H. #M4/TV-13, \$8.95

150-300 VDC expanded scale, 4 1/2" rd, black face, Weston 760, 500 ohm/Volt, #VDC-300, Unused, \$10.00

High Voltage DC 3 1/2" round panel meters removed from equipment. Each panel meter listed below comes with the associated large multiplier resistor creating full scale indication as shown below.



0-1KV, #S00-1KV, \$17.95

Analog DC Voltage Panel Meters, New, \$7.99 ea.

15V, 2.4"x1.9", #AVM6015
15V, 2.8"x2.4", #AVM7015
30V, 2.4"x1.9", #AVM6030
30V, 2.8"x2.4", #AVM7030

DC Amps

DC AMMETER -15 MV - 0 +50 MV. 4.5 inch dia. mounts in 3 5/8 inch hole. Scales -150 to 500, -30 to 100, -15 to 50, -3 to 10. 3 lbs sh. #400R150B, Unused, \$5.95

EDGEWISE METER 0-8 A DC; 1.9"W x 3/4"H; #D2588, \$7.00

FULL SCALE = indicated:
ES=45 ADC, 2.2" rd, Automotive, Black face, #ADC-45-ES, \$8.00

FULL SCALE = 50 MV:

0-15 ADC 3.5" rd black, #ADC-15, \$7.

0-30 ADC 2.5" rd, used, #ADC-30, \$6.95

0-500 ADC 4.0"Hx 4.5"; Mfg by Weston. #ADC-500, Used, \$10.00

Analog DC Current Panel Meters, New, \$7.99 ea.

3A, 2.4" x 1.9", #AIM603000
10A, 2.4" x 1.9", #AIM6010A
5A, 2.4" x 1.9", #AIM605000
5A, 2.8" x 2.4", #AIM705000
30A, 2.4" x 1.9", #AIM6030A



AC Voltmeters

VTVM Meter 1-10 VAC scale expanded with 3.5 V centered; also 0-20 DB. 4.5" rd. #0899, Unused, \$6.95



Analog AC Voltage Panel Meters, New, \$7.99 ea.
150V, 2.4"x1.9", #AVM60150
300V, 2.4"x1.9", #AVM60300

DC Micro Amps

FS=50 UA DC, scale -30 +150 w/ "0" center; 2.5" rd sealed. #TRC30150, \$4

Analog Panel Meter, 0-50 UADC, 2.4" x 1.9", #AIM60005, New, \$7.99

ES=100 UA, 0-center Null scale; 2.5" rd. sealed. #UA-100-ES-2.5, Used, \$6.95

ES=100 UADC, 3.5" rd, Scale -10 to +10 %, Black face, #UA-100-ES-3.5, Used, \$6.00

150-0-150 UA DC, 3.5" round Simpson. #UA-150-ES, Unused, \$7.95

0-200 UADC 2.5" round. White face. Used, #UA-200, \$9.50

500-0-500 UA DC; 3.5"W X 3"H HOYT mfg. Scale: -50/-100-0+50/+100 maDC, -25-0+25 VDC. #UA-500-ES, Unused, \$9.95

DC Milliamps

FS=1maDC, Marked Amperes, Volts, and AC. 0-5/120/30 scale. 3.6"W x 3.3"H, Mounts in 2 1/4" hole. #2168, Unused, \$15.00



Analog Panel Meter, 0-1 MADC, 2.4" x 1.9", #AIM601, New, \$7.99

ES=1maDC, 100-0-100 scale, 2.5" RD, A&M Instruments. #265-097, Unused, \$12.00

1.5MADC Movement Audio Output Meter for receiver. 0-2VAC scale non-linear. Works with SP-600. 2 1/4" rd white face. #MA-1.5, Used, \$20.00

FS=5 MA DC, 0-150 VDC scale 3.5" sq. #MA-5, Used, \$6.95

100-0-100 MA DC, 3 1/2" rd Weston 301, #MA-100-ES, Used, \$5.95

Analog DC Current Panel Meters, New, \$7.99 ea.
50mA, 2.4"x1.9", #AIM6050
100mA, 2.4"x1.9", #AIM60100
500mA, 2.4"x1.9", #AIM60500



Shunts

FS=50mv:
30 amps, 1.3x2x1.7, #SH-30, Used, \$6

High Current Weston DC Generator Shunts. 50mv.

Used, minor corrosion.
400 amp 4 lbs. #SH-400, \$25.00
500 amp 3 lbs. #SH-500, \$25.00
800 amp 4 lbs. #SH-800, \$25.00
1000 amp 9 lbs. #SH-1000, \$35.00

AC Amps

FS = 5 amps AC; transformer required for indicated scale (not available): 0-150 A, 2.5" dia. #ACA-150, \$8.00

0-100-200 AC AMPS FS=5 A GE-YOKO 2.5" sq. #ACA-200, \$8.95

Various Meters

----- DB METER -----

-4-0+6 DB 1 MW, FS= 1 MA; 2.5" rd sealed, #DBM-4-6, Used, \$4.00

-- METER ASSORTMENT --

Seven U.S. mfg meters 2 1/2" x 3 1/2" - up; mixed odd scales, FS-100 ua and up-- no choice; 3 lbs sh. #MTR-ASST, \$10.00

- I-70 B TUNING METERS -

"Tune for Max" meter used in many WW-2 radio remote control boxes such as BC-311, BC-434 & C-4/ARN-7; 2.1x2.1 x1.6, 1 lbs. #I-70B-TM, Used, \$10.00

- ART-13 PLATE METERS -

Original PA Plate Panel Meter from the ART-13 transmitter. Full Scale equals 1maDC. 2 1/2" round. Black face. Used condition, #PMTR-ART-13, \$20



- TV-2 PANEL METERS -

TV-2 panel meters Filament, #F-TV-2, Unused, \$45.00
Grid Bias, #GB-TV-2, Used, \$45.00
Screen, #S-TV-2, Used, \$45.00



Galvanometers

Used in test bridges to indicate slight variations in current; 1 mm increments:

LEEDS & NORTROP
10-0-10 scale, sens 0.1 ua/mm. CDRX 10K ohms; 500 system res. Period 4 sec; w/ Balance "lock". Behind panel: 4"D x 1" dia; front 3"H. #18876, New, \$25.00



GALVANOMETER 15-0-15 scale, sens 1 ua/mm. Meter coupled to mirror for photo-optic read. No Balance "lock". Behind panel 3"D x 2" dia; front 2.5" dl, 2lbs shipping. #GALV-726667, \$18.00



KW Hour Meters

KiloWattHour meters 240 volt 60 Hz single phase 4 dial. Monitor power to your out buildings or campground. Removed from use, good condition. An interesting item to build into a lamp base. You could probably modify it to make in run on the lamp current. 8 lbs sh. Used.



Westinghouse Rr 138 8/9 240 v 60 hz 3 wire 30 amps 7.2 kh. #2P2G6, \$30.

Duncan Form 2S, Rr 138 8/9, 240 v TA 30, Kh 7.2 3W. #200CL-MS, \$29.00

Duncan MQ-S Form 2S Rr 83 1/3 240 v 60 hz 3W TA 30 12 kh. #200CL-MQ-S, \$28.00

Roentgen Meter



Roentgen Meter as used on the Delorean in Back to the Future. FS=100ua. 4.2"H x 4.6"W. This is the original type of meter used on the dash of the Delorean. It can be illuminated with 12VDC. It has a round red light in the center. You will need to add the red square of lucit and "plutonium chamber" lettering. Meter is removed from equipment in good condition. 2 lbs sh. #BTTF-MTR, Used, \$49.50

RF Thermocouple

RF Thermocouple ARC-7499 as used in RE-2/BC442 ARC-5 antenna relay. Bridge type 19.5 +/- 1.5 mv 750 ma. Use for replacement on experiments. #ARC-7499, Unused, \$5.00



Pressure Gauges

0 to 15 PSI Pressure Gauge by USG. 2.1" round with 1/8" fitting and brass coupling. #PS-15, Used, \$7.95



0-60 PSIG & 0-4 KG/CM; 2.1" rd w/ 1/2" dia fitting. #PG-60PSI, NEW, \$5.50

PRESSURE REGULATOR 0 - 500 PSI. Seems to be a quality unit, but no mfg. or country of origin on the unit. 2.5x1.8 x3.3, 2 lb sh. #PR-500, \$5.00



0-6000 PSI 4" dia 270 degree scale; 7/16" dl fitting. O/a 6" dia. #M6000-PSI, Unused, \$14.00

Water Gauge

3 1/2" Round Gauge reads negative 80 thru positive 80 "Centimeters of Water" in increments of 2. Has 1/8" threaded hole on back. Made by Marshall Town. #92361, Unused, \$7.50



Running Time Ind.

3 1/2" Round Running Time Meter by Cramer Division Type 635EAA. Requires 115VAC 60Hz at 2.7 watts. Reads upto 999,999 hours. Reads in one hour increments only. Does not read in tenths. 3/10 RPH. 3" depth. Comes with mounting hardware. #RTM-115, Unused, \$19.95



Same as above except 440VAC 60Hz and reads upto 99,999 hours, #RTM-440, Unused, \$14.95

12VDC Counter

6-Digit Mechanical Counter 12 VDC nonresettable; black numerals on white. Rear mount flange; o/a 1.3"Hx1.5"Wx2.5"D, 1 lb. #E07B10DC12, New \$2.95



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Inductors



The PI Wound Inductors listed below are enamel coated. The 2nd number in the part number designates the number of sections.

Part #	L x Dia	uHy	I - ma	Price	5 pcs	10 pcs
P3FE-1200	.90-.32	1200	50	\$5.00	\$20.00	\$30.00
P3PE-500	.50-.30	500	50	\$5.00	\$20.00	\$30.00
P2PE-675	.75-.45	675	200	\$5.00	\$20.00	\$30.00
P4PE-3500	1.00-.42	3500	200	\$5.00	\$20.00	\$30.00
P3FS-5800	.90-.50	5800	200	\$3.00	\$10.00	\$15.00
P3FE-12000	1.00-.42	12000	200	\$5.00	\$20.00	\$30.00

See pg 33 for the rest of our Inductors

TIQ-2 Amplifier

AM-20/ TIQ-2 AUDIO PA AMPLIFIER, Part of the TIQ-2 public address system that has been used since the 1950's uses 6SL7 as preamp



and drivers with 6L6 output tubes. Two mic inputs, phone/line input, radio/carbon mic input. Wood case with cover. Output 20 Watts 5 % distortion, 50 - 10000 hz. Power input 115/230 V 60 hz. Size 19x14x9, 75 lbs sh. Used Reparable, \$250.00

Sockets & Plate Caps

Tube Sockets and Plate Caps. Imported. New.



4 pin Ceramic for 300B/2A3/811, 2 hole mount. #GZC4-1, Unused, \$2.95

4 pin Ceramic for 805/845/211, 2 hole mount. #GZC4-3B, Unused, \$6.95



4 pin Ceramic for 300B/811, with twist lock collar. #GZC4-1B, Unused, \$2.95

5 pin Ceramic for 807, 2 hole mount. #GZC5-1, Unused, \$1.55

6 pin Ceramic 2 hole mount. #GZC6-1, Unused, \$1.75

7 pin ceramic for 813 tube 4 hole mt, #GZC7-A, \$4.95

7 pin Septar Ceramic square. #GZC7-C, \$3.95

Octal Ceramic 2 hole mt. #GZC8-1, Unused, \$1.20

Octal Ceramic PC mount. #GZC8-Y, Unused, \$1.20

9 pin mini Ceramic 2 hole mt. #GZC9-F, Unused, \$1.10

9 pin mini Ceramic 2 hole mount w/ collar for shield. #GZC9-F-B, Unused, \$1.20

9 pin mini Bakelite 2 hole mount w/ collar for shield. #PCP9-1, Unused, \$1.05

Ceramic Plate Cap for 1/4" diameter, #MCV, Unused, \$1.19 each; 5 for \$5.00

Ceramic Plate Cap for 5/16" diameter, #MCX, Unused, \$1.39 each; 5 for \$5.75

Ceramic Plate Cap for 3/8" diameter, #MCZ, Unused, \$1.59 each; 5 for \$6.50

Ceramic Plate Cap for 1/2" diameter, #MCD, Unused, \$1.99 each; 5 for \$7.50

See pg 22 for the rest of our Sockets

Megaphone



S25 Watt Hand-held Power Megaphone with shoulder strap. With siren, Detachable anti-howl microphone with coiled lead, On/off switch, Handle with on/off switch, Separate microphone with lock function, ABS housing, Microphone sensitivity: -36±1dB (0dB = 1V/pa),

Frequency response: 500 - 8KHz, Power supply: 12Vdc (8 x 1.5V D battery, not incl.), Horn dimensions: 9.5" x 13", Length: 14". #M25SM, List Price, \$79.90; Our Price, \$69.95

PA Horn Speaker

Aluminum Horn Speaker 40 Watt, Round 12", Dark Gray, Frequency response: 250 - 6000Hz, 8 ohms, SPL: 106dB, 12.4" x 11.1", 7 lbs sh. #PAH4012T, New, \$44.95



Scope Sale !!



PC-SCOPE 50MHz WITH ADAPTER - 110V, The PCS500 is a digital storage oscilloscope that uses a computer and its monitor to display waveforms.



Oscilloscope functions are available through the supplied Windows program. The mouse selects the oscilloscope functions. Connection is through the computer's parallel port and the scope is optically isolated from the computer port. The oscilloscope and transient recorder have two separate channels with a sampling frequency up to 1GHz. Any waveform displayed on the screen can be stored for later use. See fairradio.com/pcs500au.htm or call for full information. Drop shipped from Texas. #PCS500AU, List Price, \$531.90; Our Price, \$345.94

PC-SCOPE 12MHz 1 CHANNEL WITH ADAPTER (110V), The PCS100 is a digital storage oscilloscope, using a computer and its monitor to display waveforms. Oscilloscope functions are available in the Windows program supplied. Its operation is just like a normal oscilloscope. Connection is through the computer's parallel port, the scope is completely optically isolated from the computer port. See fairradio.com/pcs100au.htm or call for full information. Drop shipped from Texas. #PCS100AU, List Price, \$199.90; Our Price, \$142.94



2 Gang Air Variable



2 Gang Air Variable Capacitor, 14-78pf and 17-100pf with a 0.09" air gap. Shaft is 3/4" L x 1/4" Dia. O/A 5.3x1.5x3.3, 3 lbs sh. #C-221/T-195, Used, \$19.95

*****AUTO***** 337 57
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Crystal Radio Kit



All the parts you need to construct a crystal radio. 3 plate sliding capacitor, 10 sided (Decagon Loop Antenna), germanium detector diode, and high impedance ear piece. Tunes broadcast band. Because of

the large loop antenna, an outside antenna is not required. The capacitor and loop need to be assembled. Hardware, information and necessary parts included. 1 lbs sh. #CP-10DEC, Unused, \$27.95

Same as above except a Hexagon loop (6 sides) 330 microhenries, aperture of 153 sq in. #103DE, \$24.95

TA-954 Phone

TA-954/TT NON-SECURE DIGITAL VOICE TERMINAL used in Tri-Tac comm-system: 4-wire set xmits and receives diphase-modulated digital voice and loop signaling info at 16K or 32K bits. 125 ohm line impedance 125 ohms; range 4 km using WF-16 field (no stock). Requires 24-56 VDC, Tone pad has characters 0-9, FO-F-I-P-R-O-C; also Volume L-H Ring - Receive & H-350 handset. Plastic case is EMI/EMC static protected. 7.3x4.5x10, 8 lb sh. #TA-954-GR, Government Reconditioned, \$125



Shure Microphone



Shure Unidirectional Dynamic Microphone. Ball-type. Dual HI Z & LO Z Impedance. Spherical grille is a very effective wind and pop filtering, ideal for closeup vocal miking. Symmetrical cardioid pickup pattern minimizes feedback. Lockable On-Off switch. Frequency response 80 - 15KHz. 3 pin XLR connector. Swivel adapter. 3 lbs sh. #588SDX, Unused in the original box, \$59.95

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*****AUTO**ALL FOR AADC 440
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31870 HIRAM TRL
MORELAND HILLS OH 44022-1324

NTE Hook-up Wire



Stranded Hook-up Wire by NTE on the reel. Rated 300V minus 90 degree Celsius. Comes in the following colors: Red "R", Black "BK", White "W", Blue "BU", Yellow "Y". New.

Gauge	Length	Part Number	Price
18	25ft	WH18-(specify color)-25	\$3.99
20	25ft	WH20-(specify color)-25	\$3.54
22	25ft	WH22-(specify color)-25	\$3.26
24	25ft	WH24-(specify color)-25	\$2.90
26	25ft	WH26-(specify color)-25	\$2.99
18	100ft	WH18-(specify color)-100	\$8.40
20	100ft	WH20-(specify color)-100	\$6.91
22	100ft	WH22-(specify color)-100	\$6.30
24	100ft	WH24-(specify color)-100	\$5.12
26	100ft	WH26-(specify color)-100	\$4.69

TEFLON Hook-up Wire by NTE on the reel. Rated minus 200 degree Celsius. Comes in the following colors: Red "R", Black "BK", New.

Gauge	Length	Part Number	Price
18	25ft	WT18-(specify color)-25	\$12.29
22	25ft	WT22-(specify color)-25	\$7.73

NTE Solder Gun

NTE Solder Gun, 100 watts heats up to 750F in 25 seconds; 140 watts heats up to 950F in 40 seconds. Large dual heat trigger switch for low/high watt.

Temperature control. Long-reach tip and sturdy heating element connectors. Pre-focused light. 6 foot, 2 wire cord. #J-100, New, \$19.84

Two pack of nickel plated copper replacement tips for J-100 solder gun, #JT-104, \$3.87



R-390A Coax Adapter



Hard to find R-390A balanced input adapter. Goes from Twin-ax male to a UHF female. Unused, #UG-970, \$27.00

8 Hy 300ma Choke



From AM6154/55 Choke
8 hy 300 mads 94-840 hz,
160 ohms, 2260 wv, 3.75
x 3.75 x 3, 7 lbs sh.
#515322, Used, \$20.00

TV-2 Panel Meters

Add TV-2 panel meters
Filament, #F-TV-2, Unused, \$45.00
Grid Bias, #GB-TV-2, Used, \$45.00
Screen, #S-TV-2, Used, \$45.00
Percent Quality, #PQ-TV-2,
Unused, \$60.00



TV-7 Lamps

Shorts Lamp, New, #NE45-LAMP, \$3.00; 5 for \$14.00; 10 for \$25.00
Fuse Lamp, New, 81, #81-LAMP, \$3.50; 5 for \$15.00; 10 for \$25.00

24VDC 11 Amp Supply



24VDC 11 amp output switching power supply which DOES WORK with the R-392 and GRC-106 Receiver / Exciter. Requires 115V or 230V 60Hz. Made by Acme Electric Corporation. 9.5x5x2.5, 6 lbs sh. #25A1, Used, \$45.00

GPS Board

ROCKWELL SINGLE BOARD GPS.

This very small board is a self contained GPS Receiver Rockwell "Jupiter" GPS Receiver. Operates from 5 VDC with either an active or passive GPS antenna. NMEA output. There is a lot of info on the internet as well as data on part number TU30-D140. Removed from equipment. 2 lbs sh., #GPSTU30-D140, \$69.50
For further information go to:
www.gpskit.nl/documents/rockwell/jupiter-gps-board.pdf



Collins Receiver Exciter



HF-8070A Rockwell Collins Receiver Exciter. Part of the HF80 systems this receiver exciter covers..low end specified as 250 Khz - 30 Mhz. Our

testing shows no exciter output below 2.0 Mhz. Passes internal self test. Thumbwheel frequency selection, Freq XX,XXX.XX Khz. Controls for AF Gain, Squelch; RF gain; Key, ext, norm, lock; PA Power, off, stby, high power, low power; Also has test meter, and Equipment status panel. Manual not available. 20.8x19x7, 45 lbs sh. Used Repairable, \$2500.00

The HF-8096 is a remote-control unit for Rockwell HF-80 gear. It seemed to work with the HF8070A, but we do not have operation manual, so do not know full status. We were able to make a receiver step through previously saved frequencies, but were not able to enter new frequencies. Was probably able to operate other HF80 receivers and exciters. Manual not available. 19.4x19x7, 30 lbs sh. Used Repairable, \$395.00



AM-6154 Amplifier



AM-6154/GRT-21 Power Amplifier conservatively rated for 50 watt output from 10 watt exciter input over 116-150 MHz; uses Eimac

X651Z/8930 or Amperex DX393 tetrode (no choice) in silver-plated cavity-drawer; 175-turn TUNE counter dial. Main chassis has solid-state power supply and buffer amp/multiplier; panel meter monitors voltages. Requires 105/120/210/240VAC 50-400Hz and +20 volt reg 60ma, +20 volt keyed; w/ schematic info. 7x19x18.5, 80 lbs sh. Used excellent checked for power output, #AM-6154-CH, \$350.00

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Transformers



All transformers listed below and 120 VAC 60 Hz primary and are sealed case style unless otherwise noted. They may be "used" or "unused": Dimensions listed below are case only, so make allowance for terminals. Weights listed below are considered SHIPPING weights. Limited stock.

SECONDARY	SIZE	WT	STOCK #	PRICE
2.7V 10A,	3.2x3.8x6.5,	11	#60-2.7V-10A,	\$7
6.45V 3.8A, 6.3VCT 0.5A,	2x5.15V 2.1A,			

6.3V 7.5A,	3.3x3.4x4.2,	7	#ST-6.3V-7.5A,	\$10
12.6V 0.15A				

6.3VCT 10A,	3x3.2x4.4,	9	#SH-6.3V-10A,	\$12
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6.3V 30A,	4.5x3.9x6.5,	18	#51-6.3V-30A,	\$20
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10VCT 7A,	3.9x3.1x4.4,	7	#67-10V-7A,	\$15
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14VCT 2A,	1.8x2.7x2.2,	3	#F-251X,	\$6
Open Frame				

20VCT 4A,	2.5x2.8x3.4,	6	#P-8560,	\$9.95
Open Frame				

24V 10A,	5.1x4.4x5.2,	20	#52-24V-10A,	\$19
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25VCT 3A,	3.3x3.9x5.5,	11	#43-25V-3A,	\$8.50
60VCT 100ma				

46VCT 1.5A,	3.3x3.9x5.5,	11	#43-46V-1.5A,	\$9
74VCT 150ma,				

300VCT 200ma,	5x4.2x5.8,	15	#49-300V-200MA,	\$30
500VCT 30ma,	250V 10ma,	6.3VCT 4A,	6.3V 1.5A,	

550VCT 120ma,	4x4.2x5.7,	13	#R3-550V-120MA,	\$30
6.3VCT 11.1A,	17V 1.2A,	5V 3A,		

850VCT 100ma,	4.7x4.2x4.7,	14	#47-850V-100MA,	\$25
5V 2.2A,	6.3V 1A,	6.3V 12A		

890VCT 85ma,	3.5x4.1x5.3,	11	#69-890V-85MA,	\$17
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900VCT 200ma,	5.5x4.5x6.6,	21	#43-900V-200MA,	\$40
350VCT 70ma,	6.3VCT4.25A,			

920VCT 50-70ma,	4.4x5.1x6,	17	#52-920V-50MA,	\$24
1240VCT 50-75ma,				

954VCT 212MA,	4.3x3.7x5.7	15	#R3-954V-212MA,	\$60
580VCT 185ma,	6.3V 5.5A,	5V 3A,	for SX-28	

970VCT 200ma,	4.6x5x7,	19	#R3-970V-200MA,	\$40
6.4VCT 9A,	6.3V 1A,	5V 2A,		

1900VCT 30ma,	4.3x4x6,	12	#51-1900V-30MA,	\$25
1150VCT 50ma,				

240VAC Variac



Powerstat type 12 Variable Transformer. 240VAC 60Hz input to 0-240VAC 0.7 amps or 0-264VAC 0.5 amps output. With knob. #PWST-12, Removed from unused equipment, \$19.95

RT-524 Front Panel



Front Panel only for RT-524A radio. #RT-524-FP, Unused, \$30.00

Aluminum Enclosure



Cast aluminum box with cast end pieces and two duplex grounded outlets. Made by Hubbell. Outlets are rated for 125VAC 20 amps. Has rubber gaskets around sockets and end frames. All screws and a connector on one side are missing. Add some screws, cable, cable strain relief and you have a nice strong outlet box. Plenty of room to add MOV's. 5x2 5/8 x4 1/8, #DCX80118, Unused but removed from equipment. \$6.00 ea; 2/\$10

ARB Control Box

ARB Operators Control Box for use with the WW2 ARB receiver. 5.7x4.2x3, 4 lbs sh., #CRV-23256, Unused, \$35.00



H-251 Deep Discount



VRC-12 Headset w/ vinyl cushions, 24" coil cord and U-182 plug; black color.

#H-251-U, Used \$8.00
#H-251-UN, Unused \$12.00

Solid State Relay

Solid State Relay by Gordos. 3-32VDC input, 240VAC at 10 amps. 2.2x1.8x1, #G280D10V, Used, \$8.75



4CX250 Socket Chimney



Air system type socket with screen bypass capacitor. Comes with chimney. Works with tubes 4CX250, 4X150, etc... #SK620, Used, \$24.00

Pocket Reference

New 3rd Edition Pocket Reference. Over 750 pages of information for engineers, do-it-yourselfers, travelers, teachers, & students. Example of contents: Air & Gases, Automotive, Carpentry & Construction, Chemistry, Physics & Math, Electronics, Electrical Wire, Motors & Frames, Science & Geology, Hardware & Tools, Plumbing & Pipe, Weights & Property of Materials, Welding, Over 3500 Conversion Factors, and MUCH more!! 3.2"W x 5.4" H, #BK-POCKET, New, \$12.95



250PF 4KV Air Variable



Air Variable Capacitor by Johnson. Covers 35-250pf at 4KV. 0.24" air gap. 1 1/4" long x 1/4" diameter shaft. Overall 11.7x2.6x2.6, 3 lbs sh. #154-16, \$45.00

Field Phone Wire

MX-306A Field Telephone Wire Reel, canvas-covered reel of 1/2 mile (2600 feet) WD-1A/TT twin lead zip cord style black vinyl-covered steel wire. Intended for use with EE-8, TA-43, TA-312 and similar field phones. 10" D x 5"H, 22 lbs sh. #MX-306A, Unused, \$95.00



As above except OD green used clean:
100 feet of WD-1A wire no spool, #WD-1A-100, \$12
500 feet of WD-1A wire no spool, #WD-1A-500, \$45
1000 feet of WD-1A wire no spool, #WD-1A-1000, \$65
5000 feet of WD-1A wire with spool, #WD-1A-5000, \$175

19" Rack Cabinets



Quest's Rack Cabinets are designed for mounting Security, Broadcast, and other standard 19" electronic equipment. Overall width is 22.5". Overall depth is 24" and internal depth is 21.5". They are mfg to ANSI/EIA RS310-D Standards. They feature louvered side and rear removable and keyed panels for increased ventilation. These enclosures come complete with dual fans, 4 (2 front, 2

rear) adjustable mounting rails tapped with EIA spaced #12-24 threading, casters, leveling feet, ground bus and lockable smoked acrylic front door. Shipped fully assembled.

Structure: Steel - 16 AWG; Base: Steel - 14 AWG
Side & Rear Panels: Steel - 18 AWG (3,4 & 5 Ft. H) / 16 AWG (6 & 7 Ft. H)

Rails: Steel - 16 AWG / Tapped w/ EIA Spaced #12-24
Paint: Electrostatic Microfinish

All rack cabinets in this listing are NOT stock items. They will be drop shipped from Florida to the destination of your choice by motor freight. Customers wishing to pick-up these rack cabinets at Fair Radio will be responsible for shipping costs to Fair Radio. Please call us for shipping charges. 15 Year Mfg Limited Warranty.

RMS	Hght	Int. Hght	Capacity	Color	Part#	Price
20	3'	35"	630 lbs	Ivory	FE4019-20-01	\$510
20	3'	35"	630 lbs	Black	FE4019-20-02	\$510
28	4'	47"	650 lbs	Ivory	FE4019-28-01	\$559
28	4'	47"	650 lbs	Black	FE4019-28-02	\$559
34	5'	59.5"	700 lbs	Ivory	FE4019-34-01	\$656
34	5'	59.5"	700 lbs	Black	FE4019-34-02	\$656
40	6'	70"	730 lbs	Ivory	FE4019-40-01	\$728
40	6'	70"	730 lbs	Black	FE4019-40-02	\$728
45	7'	78.5"	830 lbs	Ivory	FE4019-45-01	\$830
45	7'	78.5"	830 lbs	Black	FE4019-45-02	\$830

32" DEPTH RACK CABINET - Same specs as above except 32" overall depth & 29.5" internal depth.

Overall Height	Color	Stock#	Price
3'	Ivory	FE4119-20-01	\$637
3'	Black	FE4119-20-02	\$637
4'	Ivory	FE4119-28-01	\$705
4'	Black	FE4119-28-02	\$705
5'	Ivory	FE4119-34-01	\$759
5'	Black	FE4119-34-02	\$759
6'	Ivory	FE4119-40-01	\$887
6'	Black	FE4119-40-02	\$887
7'	Ivory	FE4119-45-01	\$978
7'	Black	FE4119-45-02	\$978

19" Rack Enclosures

Quest's wall-mount enclosures offers the installers an economical solution to standard 19" wall-mount applications. Overall width is 20.5" & overall depth is 20".



Structure: One-piece Construction / Steel - 20 AWG
Rails: Steel - 16 AWG / Tapped w/ EIA Spaced #12-24
Front Door: Smoked Acrylic Door, Steel Frame With Key Lock. Paint: Electrostatic Microfinish.

All enclosures in this listing are NOT stock items. They will be drop shipped from Florida to the destination of your choice by motor freight or UPS. While shipping UPS is considerably less expensive than motor freight Quest Mfg or Fair Radio Sales will NOT guarantee any enclosures shipped UPS. Customers wishing to pick-up these rack cabinets at Fair Radio will be responsible for shipping costs to Fair Radio. Please contact us for shipping charges. 15 Year Mfg Limited Warranty.

RMS	Height	Load Capacity	Color	Stock#	Price
5	11"	30 lbs	Ivory	WM1019-05-01	\$148
5	11"	30 lbs	Black	WM1019-05-02	\$148
7	15"	50 lbs	Ivory	WM1019-07-01	\$159
7	15"	50 lbs	Black	WM1019-07-02	\$159
9	18"	70 lbs	Ivory	WM1019-09-01	\$182
9	18"	70 lbs	Black	WM1019-09-02	\$182
11	22"	90 lbs	Ivory	WM1019-11-01	\$193
11	22"	90 lbs	Black	WM1019-11-02	\$193

115VAC Alarm Bell



Alarm Bell by Wheelock with mount. 115VAC 60 Hz. 3 5/16" space between mounting holes (Matches standard N.E.M.A. round box). #VIP-3-3, Unused, \$5.00

Personal Scope Special

PERSONAL SCOPE 10MS/s, Complete portable oscilloscope the size and the cost of a good multimeter. Ideal for hobby, service, automotive and development purposes. Suitable for measurements on audio equipment, line voltage applications, digital signals, all kind of sensors, signal analysis in automotive applications, car stereo, etc Its full auto setup function, makes measuring waveforms very easy. 10MHz sampling rate. 0.1mV sensitivity. Up to 2MHz analog bandwidth. 5mV to 20V/div in 12 steps. 200ns to 1hour/div time base in 32 steps. Full auto set up. Trigger mode: run, normal, once, roll, slope +/- X and Y position signal shift. DVM readout with x10 option. Audio power calculation (rms and peak). dBm, dBV, DC, rms ... measurements, signal markers for Volt and Time. Frequency readout (through markers). Recorder function (roll mode). Signal storage (2 memories). LCD: 128x64 pixels / high-contrast. Requires five 1.5V AA battery or Nicd / NIMH (not incl.). Includes battery charging circuit. #HPS10, New, **List Price, \$210.46; Our Price, \$149.50**



5 - 24 VDC Power Supply



COMPACT SWITCHING POWER SUPPLY, 20 selectable outputs: 5 to 24V DC in steps of 1V (from 4.3 to 1.5A) Power: 36W. Get rid of those bulky power-hungry heat-producing adapters. These adaptors use state-of-the-art switching power supplies and feature some major advantages such as: - cooler running - stabilized output - short-circuit and overload protection - compact design - very low idling consumption. Comes with 8 detachable DC plugs. Ideal for notebook computers & personal digital electronic devices. Requires 100 ~ 240V AC. Output plugs: 2.5mm mono, 3.5mm mono, 1.0x3.0mm, 1.35x3.5mm, 1.7x4.0mm, 2.1x5.0mm, 2.5x5.5mm, 1.5x5.5mm. 3.5"x1.8"x1.2", #PSSMV7U, New, \$49.90

heat-producing adapters. These adaptors use state-of-the-art switching power supplies and feature some major advantages such as: - cooler running - stabilized output - short-circuit and overload protection - compact design - very low idling consumption. Comes with 8 detachable DC plugs. Ideal for notebook computers & personal digital electronic devices. Requires 100 ~ 240V AC. Output plugs: 2.5mm mono, 3.5mm mono, 1.0x3.0mm, 1.35x3.5mm, 1.7x4.0mm, 2.1x5.0mm, 2.5x5.5mm, 1.5x5.5mm. 3.5"x1.8"x1.2", #PSSMV7U, New, \$49.90

Robot Kits



The Robot Frog moves forward when it detects sound and repeats the following movements sequentially: start (move forward) -> stop -> left turn -> stop -> right turn -> stop. Two sets of gear motors (unassembled).

Requires two 1.5V AA batteries (not included). electronic: 9V-battery (not included). #KSR2, New, \$29.95

A Sensor-Activated Robot Car. Changes directions when the sensor detects noise or when the car hits an object. Uses a microphone as sound sensor. Requires two 1.5V AA batteries (not included). #KSR1, New, \$23.95



Clamp Meter



ECONOMIC DIGITAL CLAMP METER, 3 1/2 LCD display with automatic polarity indication. Data-hold function. AC current measurements: max. 1000A. Insulation test: max. 2000Mohm. Voltage measurements: AC (max. 750V) and DC (max. 1000V). Resistance measurements: max. 20Kohm. DC voltage: 1000V. Basic accuracy: ± 0.8%. Input impedance: > 9Mohm.

Maximum input: 1000V. AC voltage: 750V. Basic accuracy: ±1.0%. Input impedance: > 9Mohm. Maximum input: 750V. AC current: 200/1000A. Basic accuracy: ±2.0%. Overload protection: 1200A for 60 seconds. Resistance: 200/20k (insulation test : 20M/2000M). Basic accuracy: ±1.0% (±2.0% for insulation test). Overload protection: 500V. Overrange: yes "1". Continuity buzzer: yes. Low-battery indication: yes "BAT". Requires 9V battery. Accessories: manual / test leads / battery / carrying bag. 9.1" x 1.5" x 3.5". 2 lbs sh. #DCM266L, New, \$27.99

Economy Multimeter

3 1/2 DMM - 10A / HOLD FUNCTION / BACKLIGHT, DMM with automatic polarity function and 3 Ω digit LCD display. Diode, transistor and continuity test with buzzer. Data-hold function and backlight. DC voltage: 200m/2/20/200/1000V. AC voltage: 200/600V. Maximum AC/DC voltage is 600V. DC current: 200µm/2m/20m/200m/10A. Overload protection: 10A. Resistance: 200/2k/20k/200k/2M. Requires 9V 6LR61 battery (incl.). Comes with protective holster. 2.7" x 5.4" x 1.2". #DVM850BL, New, \$17.50



Coaxial Crimping Tool



CRIMPING TOOL FOR F & BNC CONNECTORS. For crimping cables: BNC, TNC, UHF, SMA - For RG cable 59, 62, 140, 210, 55, 58. Size: 9.0". #VTFBNC, New, \$23.99

COAX CRIMPING TOOL RATCHET TYPE. For crimping BNC/TNC/N/F. For RG cable: 59, 62, 140, 210, FIBREOPTIC. Size: 8.7". #VTBNC, New, \$26.99



Charger/Conditioner Kit



UNIVERSAL BATTERY CHARGER / CONDITIONER. Nicd and NiMH batteries or different can be charged both quickly (52 minutes) and normally (14 hours). Usable battery voltages: 1.2V, 2.8V, 3.6V, 4.6V, 6V, 7.2V, 8.4V and 9.6V. Charge current: from 15mA to 750mA. Battery is fully discharged prior to charging and thus has a longer life. 3.4" x 3.1". #K7300, New, \$24.95
Recommended housing: #G311, \$7.56

HV Corona Ball

4" diameter Corona Ball from government project at Wright Patterson AFB that used a high voltage Marx Generator. 1/2" threaded nut for attachment. #CORONA-1, Used, \$30.00



Rack Mount Ears



3 1/2" Rack Mount Ears by Hewlett Packard. With mount screws. #5061-0074. Unused, \$7.00 per set

Electronic Kits

CLAP ON/OFF SWITCH, Operate your lighting with a simple handclap. Ideal for disabled or elderly people. Good immunity against surrounding noises. '1-clap' or '2-clap'-mode selection. '2-clap'-mode features built-in safety turn-off timer (5h approx.). Output relay 'pulse' or 'toggle' selection. Microprocessor controlled. Output relay with LED-indicator. Requires 12V DC / 150mA. With DC adapter socket. 3.1" x 2.9" x 0.9". #MK139, New, \$19.95



CABLE POLARITY CHECKER, Check cables for continuity and identify individual wires. Ideal for speaker cable polarity checking. LED indication for open circuit, shorts and correct or wrong polarity. Pushbutton operation with auto power off. Requires 9V battery operated (not incl.). Main board: 2.2" x 1.6" x 1.3". Remote board: 1.6" x 0.3". #MK132, New, \$9.99



KITCHEN TIMER, 1 minute to 1 hour timing. Single button, straightforward operation. Clear 16-led readout. Audible and visible alarm with discrete pre-alarm. Auto power-off. Attractive designer enclosure. µcontroller technology. Settings: 1-10': one minute steps, 10-30': five minute steps, 30-60': 15 minute steps. Requires three AAA 1.5V batteries (not incl.). 3.1" x 3.0" x 1.3". #MK128, New, \$18.99



Grimes Potentiometer



Grimes Four Section Potentiometer with knob. 1 K ohm at 2 watt per section. #A-4627, Unused, \$2.95

Acopian Power Supplies



Acopian Gold Box Series Power Supplies. Fully enclosed with terminals for wire connection. Perforated covers. Each unit is linear regulated and requires 105-125VAC 50-400Hz. Removed from lightly used equipment. Nice & clean.

5V 17A, #VA5H1700, \$30.00
5V 22A, #VA5H2200, \$35.00
5V 5.1A, #VA5MT510, \$20.00
5V 6A, #VA5MT600M, \$20.00
5VDC 12A OVP REMOTE SENSE, #VA5MT1200M, \$35
8V 2A, #VA8NT200M, \$20.00
+/- 15V 400 MA, #VTD15-40, \$35.00
+/- 15V DUAL TRACKING 1.6A, #VTD15-160, \$50.00
+/- 5V 2.5A, #VTDTS-250, \$20.00
0-50V 1.2A, #VA050MX120, \$50.00
18V 2.1A, #B18G210, \$25.00
18V 6A, #VA18MT650, \$50.00
24V 15A, #VA24H1500, \$75.00
28V 11A, #VA28H1100M, \$75.00
36V 400A, #VA36MT400, \$35.00
+/- 15V 500MA VFD15-50A, \$35.00
+/- 15V 500 MA VFD15-A19 \$35.00

Steel Enclosure



Steel Ammo Box, ideal for your tools. Inner Dimensions are 3.4 x 10 x 6.5. Hasp fastener on one side and hinged on the other. Slight rust. Carrying handle. 6 lbs sh.

#ENC-AMMO, Used, \$5.00; 6 for \$20.00

AM-598 Mount

MT-759A Mount for AM-598 Amplifier. 10.3 x 10.4 x 2.1, 7 lbs sh. Unused, \$20.00



ARC-105 Module



IF TRANSLATOR MODULE FROM COLLINS ARC-105, pressurized version of 618T HF TRANSCEIVER, IF TRANSLATOR module has LSB-USB filters F500 Z4 (526 9377) & Z5 (526 9376). This unit provides the mechanical filter used in

the conversion of the PRC-47 transceiver to allow LSB operation. Removed from equipment not tested. 4.3x2.9x4.7, 4 lbs sh. #105-IF, \$65.00

From ARC-105 115V 400Hz 3 Phase Power Supply Module produced 1500 VDC for 400 Watt PEP transceiver using 277204 tubes, and 250 VDC 70 ma. 10.3x4.3x4.8, 13 lbs sh. #105-PS400, \$25.00



Coax Relays



6VDC SPDT Coax Relay by Danbury-Knudsen. For use with transmitter. Has two female BNC connections and one solder connection. #CR119, Unused, \$24.00

4000 ohm SPDT Coax Relay by Danbury-Knudsen. Has 3 female BNC connections. #CR37, Unused, \$25.00



400 Hz Power Sources

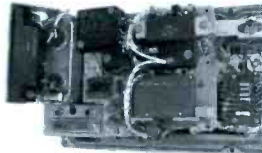
Power units FROM AM-3349 see better pictures at our web site.



DC-AC 400 HZ INVERTER. Input 26 VDC, Designed outputs 120 VPP 400 hz and 156 VPP 400 hz. Also 12.6 VPP 400 hz 600 ma for filaments.

Components mounted in irregularly shaped casting. Transformer is not removable. Removed from equipment. 2.3x6.6x4.9, 5 lbs sh. #2A6A1, \$25

Inverter from AM-3349 which contains the DC - DC supply for the High voltage power supply that powered two 4CX350F tubes to 400 watt PEP. Power input is 24VDC. This supply produced 500 VDC plate and screen grid supply for 8233 driver tube, and screen grid for PA tubes. Also 2400 VDC plate voltage for PA tubes. Transformer and components are mounted to irregularly shaped casting. 7x18x6.9, 21 lbs sh. #3349-INV, \$50.00



GRR-24 Receiver



AN/GRR-24 UHF SINGLE CHANNEL 225 - 399.95 Mhz AM CRYSTAL CONTROLLED RECEIVER. All transistor. IF 20.6 Mhz, 3 uv sensitivity, audio 100 mw 600 ohms. Receivers are in nice physical condition, not tested, 22 lbs sh. 3.5x13.5x19, #GRR-24, Used Repairable, \$125.00

DC Ammeter

DC AMMETER -15 MV - 0 - +50 MV. 4.5 inch dia. mounts in 3 5/8 inch hole. Scales -150 to 500, -30 to 100, -15 to 50, -3 to 10. 3 lbs sh. #400R150B, Unused, \$5.95



PRC-90 TEST SET



AN/PRM-32A RADIO TEST SET for AN/ PRC-90 UHF & PRC-106 VHF survival radios. Requires one radio as receiver and another as transmitter. Tests 243 MHz frequency for beacon, transmitter MCW-voice and receiver outputs. Also Tx-Rx voice outputs for 282.8 MHz (PRC-90) and 121.5 MHz (PRC-106), earphone & battery test. Has 1.8" square meter with Red-Green scale, TX-Rx connector adapters for hook-up & operator's info. 3x 5x4, 3 lbs. Used, \$27.95; Manual repro, \$8.50

30 Foot Mast Kit

This high quality 2-30MHz Doublet Antenna System uses 10 sections 2 inch OD aluminum tubing with associated guys for support. 840 watts. Includes swivel base, 10 each 2 inch mast sections, guys, stakes, dipole elements and fixture, 50 ft RG-58 coaxial cable, heavy duty military style canvas carrying case. 1 lb hammer. SO-239 at center of doublet. Enough wire to operate on 160 meters. 35 lbs sh. #S-1905, Unused, \$259.50



GRC-9 Accessories

Leg and seat for GN-58. (The LG-3B front legs are NOT available) #LG-2B, Gov. Recond, \$35.00

Crank handles for GN-58 generator. #GC-7, Unused, \$30 per pair



44" Power Cable CD-1086. Connects GN-58, PP-327, or DY-88/105 to GRC-9 radio. #CD-1086-44, Used, \$40.00

Mating power connector for RT-77, #PL-149, \$18.00

Bracket attaches IN-127 base to RT-77 radio, French made #FT-515-FR, Used, \$5.00 As above but made in the U.S.A. #FT-515-US, \$8.50

Vehicular Mount for RT-77, #MT-350, Used, \$20.00

Cover for RT-77/GRC-9, #CW-140, Used, \$15.00

Long Wire Antenna "As-Is", may have wire breaks: #AT-101, 4.3-12MHz, \$16; #AT-102, 2-4.3MHz, \$15

Original Manual for GRC-9, \$15.00

100 Piece Bit Set



Consists of the following:
Phillips bits: PH.0, PH.1, PH.2 (5x), PH.3; Pozzi bits: PZ.0, PZ.1, PZ.2 (5x), PZ.3; Square bits: S0, S1, S2, S3; Flat bits: 3, 4, 4.5, 5, 5.5, 6, 6.5, 7, 8mm;

Antenna remover bits: 4, 6, 8, 10; Torx bits: T8, T10, T15, T20, T25, T27, T30, T40, T45; Tri-wing bits: 6, 8, 10; Torx with center bits: T8, T10, T15, T20, T25, T27, T30, T35, T40; Four-wing bits: 1, 2, 3, 4; Metric hex bits: 1.5, 2, 2.5, 3, 4, 5, 5.5, 6, 8mm; Clutch bits: 1, 2, 3; Fractional hex bits: 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4; Dodecagonal torx bits: M5, M6, M8; Metric hex with center bits: 2, 2.5, 3, 4, 5, 6mm; Fractional hex with centre bits: 5/32, 9/64, 1/8, 7/64, 3/32, 5/64; 1 wing nut driver; 4 extension bits - socket bit holder 1 pc, magnetic bit holder 1 pc, 1/4" sq. x 1/4" x 2" extension 1 pc, 1/4" sq. x 1/4" x 1" extension 1 pc. #VTBT11, New, \$11.99

BC-1000 Handset

TS-9 Handset wired like TS-13/15 for use with BC-1000 radio. #TS-9-1000, Used checked, \$25.00



VHF Doubler Module



A9 5820-00-411-1472 VHF DOUBLER BUFFER MODULE 116 - 150 MHz Circuit consists of doubler, buffer and level/gain control. Transistors are 2N4072 doubler, 2N5109 buffer, 2N2222 gain control amp. Power required +20 VDC.

W/schematic. 6.75 x 3.75 x 1.5 overall 2 lbs sh. #Doub21-1472, \$12.95

TRANSISTORIZED CRYSTAL OSCILLATOR and BUFFER, 56 to 99 Mhz with 75 °C temperature controlled oven. Requires 5th overtone HC-6 (20 pf) crystal (not supplied). Has external oscillator input plus tuning meter & oven output. Requires 12-18 VDC regulated for oscillator; 22-39 VDC 1 amp for heater. W/BNC and SMA RF connections; DEC-9P plug for power. Part of GRT-21/22 xmitters. 6.5x2x3.3, 3 lbs sh. #OSC-8004290G1, used with chematic, \$9.95



Silver Plated PL-259



Silver Plated UHF Connector. #SLV-PL-259, New, \$2.00 each; 10 for \$14.99

Wire Special

Speaker Wire by Belden, 24 awg stranded 2 conductor. 500 feet on reel. 15 lbs sh, #SPK-500, Unused, \$15.00

22 awg stranded Hook-up Wire. 600V RMS. White color. 500 feet on reel. 4 lbs sh, #22-500, \$18.00

24 awg stranded Hook-up Wire. 600V RMS. PVC jacket. White. 500 feet on reel. 3 lbs sh, #24-500, \$14.00



3 conductor 12 awg stranded wire. 65 strand 30 awg. 0.045 PVC jacket. Max 300 volt. Black color. 17 lbs shg per 100 foot. #SJTOW-A, Less than 100 feet, \$0.35 per foot 100 feet or greater, \$0.30 per foot

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VASCAR II SPEED TRAP



VASCAR II DISTANCE/TIME COMPUTER-INDICATOR, originally used by police agencies for clocking speed of vehicles while the police car was either in motion or stopped. Unknown vehicle is determined by referencing it to the known speed of the police car over a predetermined distance. Clocking possible of vehicle in front of, behind, in opposite direction of, or across the path of the police car. Displays average speed in tenths of miles per hour upto 199.9 mph. Computer module consists of four circuit boards with 5 VDC logic and transistors. Operates from 12 VDC 3.4 amps. Includes computer module, control module w/cable and plug, power plug, transducer plug, and manuals. Speedometer transducer is not available. 2 1/2 x 1 3/4 x 7/8, 18 lbs sh. Used, operational-not calibrated \$75.

CANADIAN TRANSCEIVERS

CRT-1/CPRC-26 CANADIAN PORTABLE TRANSCEIVER, six channel unit for use in the 47 to 55.4 FM Mhz range. Receiver consists of RF amp, xtal oscillator, mixer, 4/IF amps, limiter, discriminator, and audio amp. Transmitter has master oscillator, modulator, power amp w/3B4. Uses tubes 2/3B4, 5/1AD4, 5672, and 3/5678 all of which are in sealed plug-in modules except the 3B4's. Modules are repairable. Receiver sensitivity about 2 uv, deviation 15 Khz. Transmitter output 300 MW. Receiver requires 1.5 V 550 ma 45 V 12 ma, 90 V 30 ma; transmitter 1.5 V 850 ma, 45 V 8 ma, and 90 V 30 ma. (Battery not available.) With battery box but less crystals. O/a 3x4 1/2 x 10 1/2, 5 lbs sh. Used, \$12.95



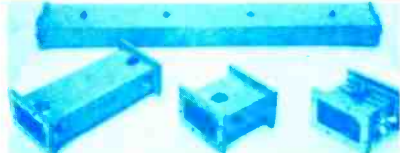
Accessories for CPCR-26: SCHEMATIC, \$1.50 AT-5001/PRC ANTENNA, collapsible with flex base; 11" L folded, 47" extended. \$3.00 ea. CP-1/PRC COUNTERPOISE, rubber insulated 4 ft long wire w/split pin plug; use as counterpoise and/or trailing wire antenna. 2/\$1.50 CAN-H33/PT HANDSET, like U.S. H-33/PT but with Canadian plug; \$6.95 with set purchase. H-5002/PRC HEADSET, one 300 ohm element, \$4. MODULE SPARES, unused; specify RF OSCILLATOR, IF AMP, MODULATOR, AF AMP --\$1.50 ea, 10/\$10

4 OHM 250 WATT 1%



DALE POWER RESISTOR, 4 250 WATT 1%; overall 6 1/2" long X 2 1/2" H x 2 1/2" D, 2 lbs sh. #NH-250-4, NEW, \$4.95

3.7-4.17 GHZ WAVEGUIDE



COPPER WAVEGUIDE, 2"x1" size for the 3710 to 4170 Mhz range; Western Electric manufacture, removed from telephone installations. Filters are tuned to preset frequency; adjusting screws can be reset to desired frequency. No further information available.

- #1301-Series FILTER with four adjusting screws; 18 1/2" length, \$24.95
- #1303-Series FILTER, two top and two side adjust screws; 6-11/32"L, \$17.95
- #1300-Series FILTER, one top and one side adjust screw; 3-5/32"L, \$12.95
- #400-Series TUNER, two 1/2" dia adjust screws; 2 1/2" long, \$14.95
- #KD51566-30 TUNER/TRANSDUCER, two 1/2" dia adjust screws, one 3/8" dia screw port; 2-7/8" long, \$16.95

- #J368330K1 XMTR AMPL, dual section 2-5/32" and 1 1/2" variable internal port; o/a 4 1/2"L, \$19.95
- #KD63919-31 AMPLIFIER with 416B tube with 3/8" dia screw port adjacent to tube grid cap; assembly silver-plated brass. O/a 5 1/2 x 3 1/2 x 1-3/8, 4 lbs sh. \$27.95
- Mating 6-prong connector, \$2.00

"ANTIQUE" TRANSMITTER

RCA ET-5003 LF TELEGRAPH TRANSMITTER, "antique" unit transmits 700 Hz tone over 355-500 Khz; 30 watts output. Designed to operate from 1500 VCT 100 ma 350 Hz power input. Keying circuit is in-line with the power input so that keying makes or breaks the power circuit. The four #10 tubes are then modulated by the line frequency and produce the 700 Hz tone. Antenna coupling set by moving plug into any one of six coil tap jacks. Has two National Velvet Vernier dials, two variometers, and 0-5 RF ammeter. 21x16x11, 30 lbs sh wt. Government-reconditioned, \$99.50



Original 350 Hz POWER TRANSFORMER for ET5003; primary 115 VAC 350 Hz, secondary 1500 VCT 100 ma. 10 lbs sh wt; unused, \$10.00

TMC VLF RECEIVER

MODEL VLRB-1 VLF RECEIVER manufactured by Technical Materials Corporation; transistorized unit covers 30-600 Khz AM, CW, MCW, FAX, FSK in bands 30-55, 55-100, 100-180, 180-330, and 330-600 Khz. DSB, ISB, SSB, and synthesized reception possible when used with proper external converters (not available). First IF 6.4 Khz, second 100 Khz. Selectivity 0.5, 2, 4, or 8 Khz. Features modular PC board construction, 6" wide linear tuning scale with magnetic cores for stable, smooth tuning, IF noise silencer, fast-attack AGC, RF level meter, and 6.5 and 5.8-6.37 Mhz outputs for external synthesizer. Input impedance 50 ohms; output 600 or 8 ohms. Requires 115/230 VAC 47-400 Hz or 24 VDC for battery operation. 7x19x16, 25 lbs sh wt. Used, checked, \$350.00



TMC MODEL VLRC-1 VLF RECEIVER similar to VLRB-1 except 10-40 Khz in bands 10-16, 16-25, and 25-40 Khz; selectivity 0.1 or 0.5 Khz. Used, checked, \$250.00

WW-II MINE DETECTOR



SCR-625 MINE DETECTOR SET, famous World War II unit designed to detect anti-tank mines buried at depth upto 24". Detection indicated on meter attached to handle or audibly by the M-356 resonator. Set includes C-446 13" dia x 1" search coil, BC-1140 control, BC-1141 amplifier, M-550 handle, M-356 resonator, BG-151 bag, GH-156 transit chest, and manual. With tubes 2/LN5 and 136. Requires two "D" cell batteries and BA-38 battery (not available) which supplied 103 and 67 VDC. Units are in good physical condition, but because of their age we do not guarantee their operation. 49 lbs sh wt. Used, \$79.50

MX-329 GYRO ASSY



MX-329/ASG-10 BOMB DIRECTOR GYRO set in MT-338 shock-mount. Gyro is operated from external air pressure and has 27 VDC gear motor to lock gyro. Aluminum housing 4-3/8" dia; gyro about 2 1/2" dia. Has glass window on one end with -20 to 0 to +60 scale for monitoring relative attitude. 6 1/2 x 7 1/2, 10 lbs sh. \$29.50

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WS-82 CATALOG SUPPLEMENT



PP-1175A/SR TRANSISTORIZED 115 VAC 60 HZ POWER SUPPLY which provides all the necessary voltages to operate GRC-transceivers RT-66, -67, and -68 plus one R-108, -109, or -110 receiver. Includes power connector, auxiliary receiver connector, and manual. 9x7 1/2 x 14, 40 lbs. Unused, \$85.00; CX-1211 CABLE ASSY, connects power supply to transceiver, used, \$6.00

SPECIAL SAVINGS ON GRC-transceivers & receivers if purchased with PP-1175. See WS-82 Catalog for specs
RT-66, 20-27.9 Mhz, \$59.50 \$27.50 R-108 \$66. \$22.
RT-67, 27-38.9 " , \$49.50 \$35.00 R-109 \$49. \$28.
RT-68, 38-54.9 " , \$75.00 \$55.00 R-110 \$50. \$36.

PRICES ARE F.O.B. LIMA
ITEMS OVER 50 LBS. SHIPPED
MOTOR FREIGHT COLLECT
INCLUDE PAYMENT IN FULL.
USE YOUR MASTERCARD OR VISA.
STORE HOURS: Monday thru Friday 9 to 5:30
Saturday 9 to 1:00

10 INCH CONDOR FAN

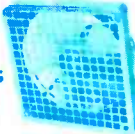


IMC 10" dia CONDOR FAN, moves air at rates 450-575 CFM at less than 49 dbm. 3-blade fan set in 3.5" deep aluminum housing. Motor has long-life stainless steel ball bearings. 5 lbs sh. Unused, \$22.95

ROTRON 7" dia FEATHER FAN, 270 CFM free air delivery; 2 1/2" depth. 3-blades, 3 lbs. \$14.95

ROTRON MUFFIN or SENTINEL AXIAL FANS, 4 1/2" square X 1 1/2" deep; 3-blades in plastic housing. 105 CFM, 14 W; 2 lbs. Used chkd., \$8.95

HOWARD 4 1/2" square equipment fan with 5/8" deep aluminum cast frame and five nylon blades. Heavy duty motor rated 19 watts; overall depth 2-5/8". Removed from equipment. #1175-08, \$9.95



5-BLADE FAN, 6 1/2" dia rotation; mounted in 9 1/2" x 1 1/2" aluminum frame with 8x8 removable filter. Motor rated 105/125 VAC 50/60 Hz 1/40 HP 3350 RPM; 4 mf 330 VAC capacitor included. 5 1/2" depth behind panel. 10 lbs sh. #B20L/MD141, used, \$14.95

VARIABLE XFMR'S

LARGE VARIABLE TRANSFORMERS various manufacturers; all 50/60 Hz 1Ø. Units used, checked with knob and dial.



#	Input	Output	Amps	KVA	Sh Wt	Price
13515	120 V	0-135V	15	2.0	20 lbs	\$37.
105135	"	105-135V	35	4.7	23	\$50.
14045	"	0-140	45	6.3	75	\$90.
24028	240 V	0-240	28	7.8	82	\$100.
24056	"	"	56	15.7	170	\$175.

HI-CURRENT BRIDGES

#A9013AX4 SINGLE PHASE DUAL PARALLEL BRIDGE ASSEMBLY, has eight diodes each rated 100 V 83.7 amps; capable of 220 amps if air-cooled, 4500 A surge 1 cycle. 7 1/2" x 18 1/2" x 9, 26 lbs. Used, \$49.50



#A9013CG1BD1 3-PHASE FULL-WAVE CENTER TAP BRIDGE with six 300 V 83.7 amp diodes (220 A if air-cooled). 7 1/2" x 14 1/2" x 2 1/2, 21 lbs. Used \$54.50

#5961-860-1165 (Collins #548-1278-000) THREE PHASE FULL WAVE BRIDGE, bridge rating 95 VDC max. 290 amps max. using six diodes. 6 1/2" x 12 1/2" x 8, 22 lbs sh wt. Unused, \$45.00

50 AMP CONTACTOR



STRUTHERS-DUNN CONTACTOR, heavy duty, 12 VDC coil and 24 VDC 50 amp contacts. 3-1/8" x 3 1/2" x 2 1/2, 2 lbs sh. #KSS722L10 used \$3.95

KNIFE SWITCH

SA-13 HEAVY DUTY DPDT KNIFE SWITCH, contacts on 2 1/2" high 1" square ceramic insulators set on 4x8 bakelite base; 4 lbs sh. Unused \$16.95



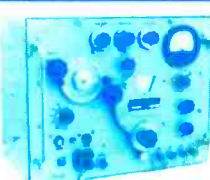
SA-46/ART-13 SPST KNIFE SW, 2x5 base, \$4.95

SMALL INVERTER SUPPLY



TRANSISTOR INVERTER POWER SUPPLY, input 24 VDC 500 ma; output 110 VDC 60 ma. Can be used to supply B+ for low power tube type receivers. Transformer has 288 VCT 70 ma secondary. Other uses possible with modification. Reduced output at lower input voltages. Schematic included. 3 1/2" x 3" x 2, 2 lbs sh. #522-1091-004 used-checked, \$9.95; used-defective \$4.95. DA-15S FLUG to fit above inverter, \$1.50 ea.

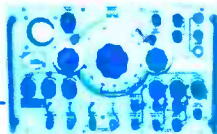
1.8 TO 4.2 GHZ GENERATOR



TS-403 SIGNAL GENERATOR similar to Hewlett-Packard 616B; 1.8 to 4.2 Ghz directly calibrated. Output 0.1 uv to 200K uv into 50 ohm load monitored on 3 1/2" round Power Level meter. Internal modulation 40 to 4000 Hz. External pulse-mod requires -40-+70 V; width 1 to 2500 usec squarewave or modulated. Requires 115/230 VAC 50-1000 Hz. 17 1/2" x 13 1/2" x 13 1/2, 70 lbs sh. Used-reparable \$185. Manual, repro \$10.

FREQUENCY COMPARATOR

CM-212/USM-144 FREQUENCY COMPARATOR, used with frequency counters to determine with high accuracy frequencies from 10 Mhz to 12.4 Ghz; similar to Hewlett-Packard 540A oscillator. Measures CW, FM, and pulse modulated RF signals. Unknown signal is fed into USM-144 and is compared to a mixed frequency generated from a stable, continuously adjustable fundamental from 100 to 220 Mhz. Difference in the unknown is shown on 2" dia CRT (2RPL) display. Final determination of the input signal made by the zero beat of the fundamental multiplied by the appropriate harmonic. Requires 115 VAC 50-440 Hz; 13 1/2" x 19 1/2" x 13 1/2, 65 lbs sh wt. Used, reparable, \$99.50



TRANSIT CASE \$10 w/purchase. MANUAL \$10 w/set

TELEPHONE TEST SET



I-142/PTM-6 TELEPHONE TEST SET, measures characteristics of telephone and related equipment including these operations: 1. Sound source for mics and receivers; 2. Efficiency test for mics and receivers; 3. Capacitor test for leakage resistance; 4. Generator test; 5. Ringer test; 6. Insulation test; 7. Dial test indicating percent of pulse period; 8. Continuity test; 9. Instrument tests such as 600 ohm circuit for sound-powered equipment; 24 V. DC-AC res. circuit for common battery phones; impedance matching circuits for carbon and magnetic mics and receivers. Meter has scales -10 to +6 DB and 0-100 VDC. Requires external batteries for 3, 12, 24, and 135 VDC. Batteries not available. 19 1/2" x 9, 46 lbs sh. I-142, used, \$59.50

TS-903/PTM-6A, more recent; 65 lbs., \$65.00

WHEATSTONE BRIDGE

ZM-4 RESISTANCE BRIDGE, portable Wheatstone bridge used to measure DC resistance of communication and power lines to determine shorts, crosses and grounds. Resistance measurement range 1 ohm to 1,011 M-ohms ±0.15%; resistance box range: 0 to 10,110 ohms, 16-500 ma. Galvanometer indicates degree of balance in test circuit. Requires three "D" cell batteries. Also 22.5-200 VDC for more accurate readings above 1000 ohms. W/instructions 5 1/2" x 7 1/2" x 8 1/2, 12 lbs sh. Used, reparable, \$47.50



TS-62 ECHO BOX, 9320-9420 Mhz, \$35.00
 TS-118 WATMETER, measures RF power over 20-1400 Mhz, 2 to 500 watts, \$125.00
 TS-413 SIGNAL GENERATOR, 75 Khz-40 Mhz in six bands AM; 45 lbs sh., \$99.50
 TS-465B SIGNAL GENERATOR, 100 Khz-110 Mhz AM-FM, wideband to 160 Mhz; 43 lbs. \$145.
 TS-488A ECHO BOX, 8990-9610 Mhz, \$225.00
 GENERAL RADIO 650A IMPEDANCE BRIDGE, \$105.
 GR-667A INDUCTANCE BRIDGE .1 uH-1 Hy, \$95.
 GR-716B CAPACITANCE BRIDGE to 1150 pf, \$85.
 GR-1021 SIGNAL GENERATOR 250-920 Mhz, \$150.
 HEWLETT-PACKARD 624B X-BAND TEST SET, \$225.
 HP-684 SWEEP OSCILLATOR, 4-8.1 Ghz, \$250.00

POWER TETRODES



removed from equipment. We check filaments only but you can return them for purchase price refund if they fail your test within 10 days of their receipt.

#250TH, 250 watts at 40 Mhz class AB₂, C; 37 mu-rating. Filament 5 V 10 A. Plate 4000 V 350 ma maximum. 10 1/2" x 3-7/8" dia, 3 lbs sh. Used, \$40.; Kimaac mfg, add \$10.00

#100TH, 100 W @ 40 Mhz AB₂, C; 38 mu. Filament 5 V 6.2 A. Plate 3000 V 225 ma max. 7 1/2" x 3 1/2", 2 lbs sh. Used, \$27.; Kimaac, add \$6. * * * * *

Other tubes, used-checked: 3R28 \$6.50 ea
 6L6WGB/5881 \$2.50 ea 811A \$7.50 ea
 6080WA/B \$4.00 ea 6082WA/B NEW \$6. ea

JEWELL METERS

JEWELL MODEL 73T METERS, 3 1/2" wide X 3" high for 2 1/2" dia hole; 1 1/2" depth behind panel. NEW, available with scales 0-15 VDC; 0-20Vdc PS-50mv; 0-200ADC (PS-50mv). Specify, \$7.95 ea.

200 AMP DC SHUNT, usable with any 0-200 ADC meter with full scale 50 MV movement; 6 1/2" x 1 1/2", 1 lbs. GM#200A-50MV, NEW, \$8.

0-15 AMPS DC FULL SCALE clear plastic meter; 2-3/8" square fits into 2" dia hole, 1 1/2" depth behind panel. Two hole flange mount 3-3/16" across. Emico #D2877, NEW, \$6.95



VACUUM GAUGE, 2-1/8" dia made by Marshalltown for automotive OEM; scale 0-30 inches vacuum with 0-10 portion as "intake leak", 15-20 "late ignition/Normal", balance in 1" increments. #EC-324, NEW \$4.50

PRESSURE METER for military vehicle, 0-30-60 in increments of 10. 2 1/2" dia with O.D. green rim. #6620-514-4662, NEW, \$6.00

DUAL FOOT SWITCH



TWO PEDAL FOOT SWITCH, each normally open 115 V 10 amp contacts. Switches are mechanically interlocked so that only one can be actuated at a time; interlock lever can be independent operation of switches. Includes 15' 14/3 heavy rubber cable. 10x8 1/2" x 2 1/2", 8 lbs. #2FKD-FS unused \$9.95

10-T HELIPOTS

10-TURN HELIPOTS, 2" L x 1 1/2" dia; 1/2" dia shafts:
 10K OHMS, 3-terminal 5%; 1/2" L shft. Used \$3.
 " " " " 4-term. 5%; 5/8" L shft Unused \$4.
 30K " " 3-term. 3%; 5/8" L shft Used \$3.50
 50K " " " " 3/16" L sh Used \$3.25
 * * * * *

MODEL RB DUODIAL counter dials f/above, \$4.

MIRRA 25 WAIT "ANTIQU" POTS with knob and pointer; look like type-used in 1920's radios. 2" dia; available 6, 250, or 400 ohms. Specify. Unused, \$4.50 each

ROTARY RELAYS



ROTARY RELAYS 28 VDC removed from equipment:
 #K101/6, four wafer with horizontal shaft; contacts one 2-break, two 1-make/1-break, and one 3-make/3-break. 3-1/8" x 2 1/2", 1 lb. \$3.00 ea.

#K102/6, two wafers vertical shaft; contacts 1-make/1-break and 3-make. 2 1/2" x 1 1/2", \$2.75 ea

CANADIAN REMOTE STATION



CANADIAN CHANNEL CONTROL BOX, originally used as a four channel remote unit for a transmitter; looks like it might be adaptable as part of an intercom system. Has push-to-talk handset, 3/4" 600 ohm PM speaker, audio transformers 600 ohm to 8 ohm and 50 ohm to 600 ohm CT, volume control. channel selector (2-deck, 6-pole 4-position each), phone and key jacks, two pilot lights, and other parts. Heavy aluminum cast case. 15 1/2"x13 1/2"x6 1/2", 34 lbs. #CAN-4C-RC unused \$22.95

C-1306/GRA-14 RADIO-TELETYPE CONTROL, part of AN/GRC-26A radio set; designed for switching from send to receive and selecting one way or full-duplex radio-teletype and telephone communications. Lights for Receive-Local Teletype-Trans, switches for telephone and teletype Local-Radio and One Way-Duplex, hybrid adjust to minimize transmitter modulation in received signal. Also eight silver-plated spring-type binding posts for connecting telephone and teletype lines. Hybrid transformer rating 2/600 ohm CT to 1200 ohms CT, 4/4PDT 10 amp toggle switches, three phone jacks. Requires 110VDC. 12x8 1/2"x4, 9 lbs. Unused w/power cord, \$8.95



C-1307/GRA-14 REMOTE CONTROL BOX, has eight silver-plated spring-type binding posts, six phone jacks for one way or duplex receive and send duplex, "trans" light, on-off switch, and 68" power cord rated 15 amp 125 V. 9 1/2"x5 1/2"x4, 5 lbs. \$4.95

MX-991/U FLASHLIGHT

MX-991/U FLASHLIGHT, official rugged, right angle military type made in U.S.A. Operate from two "D" cell batteries (not included). Has clear diffuser, red signal, and white opaque spare lenses which store in handle; metal belt clip. O.D. green plastic. 8 1/2"x1 1/2" dia. Unused, \$4.75



SHORT SUPPLY ITEMS

BENDIX ADF-100 RECEIVER, automatic direction-finder operates over 200 Khz-4.5 Mhz. Has 3" CRT display with 0-360 outer dial, BFO, and speaker. Requires 115 VAC 60 Hz; 65 lbs sh. Used, reparable, \$125.00



R-1040A/URM-85 RECEIVER part of 150 Khz-1000 Mhz field intensity meter system for narrow band AM-FM-CW signals. Uses plug-in tuners to cover frequency range; 115 VAC 60 Hz required with transit case; 125 lbs sh wt. Used-repar. R-1040 with CV-1101 150 Khz-30 Mhz head \$215. " CV-1102 20-220 Mhz tuner, \$225.

R-444/APR-4Y RECEIVER MAINFRAME, when used with proper plug-in tuners covers 38-1000 Mhz FM. Requires 115 VAC 400 Hz and 24 VDC; can be converted to 60 Hz operation. 8x10 1/2"x12 1/2", 35 lbs. Used, no tuners, \$75.00

45 KW GENERATOR CONTROL

GENERATOR CONTROL PANEL, United Electric #2K3890 for 45 KW 208-416 VAC 50-60 Hz installation; 3 1/2" rd meters for 0-450 VAC, 0 to 125% full load, 0-60 KW, & 48-62 Hz (reed-type); also voltage, frequency, and governor adjust, AM-VM selector, On-Off Parallel Operation, AC Overvoltage Reset, and Field Flash Voltage button. 22 1/2"x18 1/2"x6 1/2", 56 lbs sh. Unused, \$125.00



TT-4 TELETYPEWRITER



TT-4/TG PORTABLE TELETYPEWRITER, Kleinschmidt mfg; send-receive messages in standard start-stop, five unit code. Prints neutral signals only but can be adapted for incoming polar signals; polar transmission requires additional equipment and wiring modifications. Operable half or full duplex, send or receive only. Includes either 368.1 or 404 operations/minute gears (60 or 66 words/min.) Gears for 600 opm (100 wpm) optional. Prints in response to 20 ma dc at selector magnet or 60 ma dc connected directly to telegraph line selectable by Voice Freq Line-DC Line switch. Has standard keyboard and uses 8 1/2" one-, two-, or three-copy paper rolls. Requires 115 VAC 50-60 Hz or 115 VDC. Dust cover included. 24 1/2"x21 1/2"x6 1/2", 46 lbs sh. Used, operable-adjustments required, \$57.50 600 OPM GEAR for 100 wpm use, \$5 w/purchase.

12/24 VDC 22/11 AMPS

GPP-2 POWER SUPPLY/BATTERY CHARGER, output 12 VDC 22 amps or 24 VDC 11 amps. With mains and load control and output mode indicator lights. Input: 90-130 VAC 60 Hz. Size: 11x10 1/2"x10 1/2", 90 lb sh wt. Used, \$56.00 Now \$45.00



TM-164 TERMINAL STRIP, twenty-eight silver-plated spring-type 1/8"x3/8" dia binding posts on 15 1/2"x7-7/8x3/8 black phenolic board. Phenolic may have minor chips; 4 lbs. \$12.00

PRINTER LOGIC BOARD

PRINTER LOGIC PC BOARD with over 100 each 74-series IC's, sockets, and tantalum capacitors --plus CS808 CPU, 8/2102 RAM, 10/1702 PROM, six 3341 FIFO, AY5-1013 UART etc. Part of matrix printer; no data. 20 1/2"x14. #217E-224, \$34.95



WHISTLE/SOUND ACTIVATED

WHISTLE/SOUND ACTIVATED SWITCH, alternates on-off latching operation. Can be used to control lights, TV commercials, robots, etc. Ten transistors; 2 1/2"x3-1/8 circuit board with microphone and schematic. #AST-968S3, \$2.50 each.



73-KEY KEYBOARD

CHERRY 73-KEY KEYBOARD #B65-59AB or equal. Standard typewriter keys, 0-9 key pad, Enter, Period, Comma. No electronics on keyboard. Keys can be unsoldered for replacement. Boards are little used in good condition. 15 1/2"x6 1/2"x1 1/2", 3 lbs sh. #COM-B65-59AB, complete as pictured, \$22.00 #SPA-B65-59AB, as above but no space bar \$12. #MIS-B65-59AB, " " " " " and missing 4 to 6 key switches, \$9.00 #PAR-B65-59AB, missing at least 10 key switches; suitable for parts only, \$6 2/10



MINI-TOGGLE

MINI-TOGGLE SWITCH STRIP, nine SPDT C&K U11 and one U15 momentary toggles soldered to PC board; 13/16"L handles. #MT-9-1M \$4.50



ARC-109 TRANSCIVER

RT-749/ARC-109 UHF AIRCRAFT TRANSCIVER, solid-state Collins-mfg unit operates over 225-399.95 Mhz AM, double sideband, full carrier, and (A3) radio-telephone at 30 watts minimum power output. Has 3500 available channel frequencies in 50 Khz intervals plus 243 Mhz guard channel. External control box (not available) required for channel selection. Uses 4631 tube in power amp. 150 ohm audio output and mic input impedances. Compact, powerful set replaces ARC-27-34-51-52 radio sets. Requires 115 VAC 400 Hz 3 1/2 370 watts. 6 1/2"x9x16, 29 lbs sh. Used, good condition but not operationally checked, \$495. Schematic set, \$12.



AIRCRAFT CONTROL BOXES

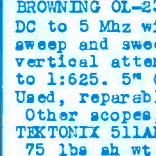
SB-329/AR SIGNAL DISTRIBUTION BOX, used with ARC-44 and -45 transceivers. Contains 4-position selector switch, volume control, two pilot lights w/327 lamps, and 5 mini-toggle switches (3/SPDT, 1/SPDT, 1/DPDT). O/a 2 1/2"x5 1/2"x4 1/2", 4 lbs sh. Unused, \$7.95

SA-474/AR SWITCH BOX, has mini-toggles 4/DPDT and 1/DPDT; also two pilot lights w/327 lamps 2 1/2"x5 1/2"x2 1/2", 2 lbs sh wt. Unused, \$5.95

SB-328/AR CHANNEL SELECTOR for ARC-45 transceiver; 12-position channel select, tone button, volume, and 2 pilot lights w/327 lamps. 2 1/2"x5 1/2"x4 1/2", 3 lbs. Unused, \$12.95; Used, \$8.95

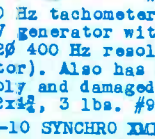
C-2275/ARN-59 TUNING CONTROL BOX for R-836/ARN LF receiver as described on page 1, WS-82 catalog. Tunes 0.19 to 1.75 Mhz over three bands. Also has "Tune to Max" meter, volume control, BFO, and Loop switches. Requires 28 VDC; 3 1/2"x5 1/2"x2 1/2", 2 lbs. Used, \$12.00

BROWNING OL-23 OSCILLOSCOPE, DC to 5 Mhz with triggered sweep and sweep delay; 5-step vertical attenuator from 1:1 to 1:625. 5" CRT; 75 lbs sh. Used, reparable, \$100.00 Other scopes, used-reparable: TEKTRONIX 511AD, 5 Hz to 10 Mhz 75 lbs sh wt, \$95.00 TEK 514D, DC to 10 Mhz w/delay; 75 lbs, \$115. DUMONT 401A, DC to 500 Khz; 50 lbs sh, \$85.00



SELSYN MODULE

SELSYN RANGE MODULE, sealed unit contains two Oster 4123-10 synchro transmitters rated 26 V 1 1/2 rotor, 11.8 V 3 1/2 400 Hz stator (suitable for wind direction projects); 400 Hz tachometer generator (26 V motor, 18 V generator with output 0.35 V/1000 RPM); and 2 1/2 400 Hz resolver (26 V rotor, 11.8 V stator). Also has precision counter-gear assembly and damaged precision potentiometer. 4 1/2"x2 1/2", 3 lbs. #9805-61, used, \$12.95 OSTER 4123-10 SYNCHRO XMITTER only, \$4.95 ea



TV GAME SWITCHES

TV GAME SWITCH as used on many TV video games; 300 ohms, RCA jack, 4" twin lead. 2 1/2"x1 1/2"x1 1/2", 1 lb. #TW-TVGS, \$2.50 SHIELDED TV GAME SWITCH, "Game" RCA jack input is shielded from TV inputs; 300 ohms. 2 1/2"x3 1/2"x1 box also has two screw terminals. Other uses possible. #JA-TVGS, \$3.75



COMPRESSOR-VACUUM PUMP



COMPRESSOR/VACUUM PUMP UNIT, originally used with medical equipment. Could be used as-is or dismantled for separate components. Consists of Gast #1531-V-175-351 motor rated 115 VAC 60 Hz 1.7 amps, 1/10 HP 3450 RPM. Compressor duty: 1.5 CFM @ zero PSIG to 0.95 CFM 20 PSIG max. Vacuum duty: 1.5 CFM @ 0" HG, 0.8 CFM @ 10" HG, or 0.2 CFM @ 20" HG. Compressor outlet connected to four valve assembly; each valve has 1/4" orifice and rated 5 PSIG. Printed circuit board cycles valves 15 seconds on/15 sec off, two valves or all four valves functioning according to position of valve selector switch. Compressor fittings standard 1/8" NPT. Includes 4-blade cooling fan and sound insulated enclosure for low noise operation. 10x13x18 1/2, 34 lbs sh. #A3-IAP-VP, used, \$34.95

GE 'PROGRESS-LINE'

GE PROGRESS-LINE 50 WATT MOBILE TRANSCEIVER, single channel crystal-controlled in the 144-174 MHz band. Has #4KR25C2 receive, #4ET-21A2 transmit, and #4EP2B vibrator power supply sections. Transmit deck uses two 6146 tubes in P-A.



Power supply requires two vibrators (not available) for 12 VDC operation. Internal trimmers for antenna tuning, coupling, and P-A plate; 21 tubes. 6x14x15 1/2, 34 lbs sh. #MA E/36N, used less crystal and cover, \$65. S318-CCT CONTROL PLUG, \$3. POWER PLUG, \$2.50 #MA E/33N PROGRESS-LINE TRANSCEIVER, same as above except one 6146 tube for 25 watt power output; used, less crystal and cover, \$49.50 #4ET21A2 50 WATT TRANSMITTER SECTION only with 2/6146, 2E26, & six other tubes, \$19.95

MOTOROLA MOBILE RADIO CONTROL HEAD with push-to-talk mic, squelch, volume control, and coil cord; 7 lbs sh wt. #CTCN6001A, used, \$12.95



MOBILE TRANSCEIVER

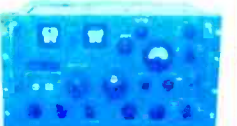


AN/VRC-51 FM MOBILE TRANSCEIVER, single channel crystal-controlled in the 132 to 152 MHz range. Power output 30 watts using 6146 tube in the power amp; 22

other tubes. Internal trimmers for antenna tuning, coupling, and PA plate. Includes C-3691 transistorized power supply and control box which has speaker, volume, and squelch; also interconnect cable. Requires 12 or 24 VDC; Comco manufacture. 12x6x9, 27 lbs sh. Used, not checked, \$69.50

20-237 MHZ RECEIVER

R-220/URR RECEIVER, 20 to 237 MHz AM, FM, CW, and MCW in seven continuously tunable bands. FM deviation: -75 KHz max. Has variable first, IF's; 2nd IF, 1.75 MHz; final



455 KHz. IF selectivity: 10, 50, and 200 KHz. Calibration points every 5 MHz from 20 to 230 MHz. Squelch sensitivity: 1 uv. Selective audio bandpass response: Sharp (800 Hz), Medium (3500Hz), and Wide. Antenna input impedance: 95 ohms balanced; 95 ohms unbalanced using adapter into 50 ohm line. Power required: 115/230 VAC 48-62 Hz. Size: 10x19x14 1/2; wt 115 lbs. Used repairable, \$400; MANUAL \$10

TRANSFORMERS

All removed from equipment and have 115 VAC 50-60 Hz primaries:

2250 VCT 565 MA

(1750 WV) secondary; 115/230 V pri. 6 1/2x4 1/2x4 1/2, 32 lbs. #TF1UX02YY, \$34.95

2000 VCT 500 MA

(1500 WV, 700 ma intermittent); 7x5 1/2x5, 32 lbs sh wt. #SS-HW201P, \$30.00

4800 VCT 475 MA

or 5760 VCT 321 ma (7500 WV); 115/230 V pri. 9 1/2x10 1/2x8 1/2, 110 lbs. #Z29621/610, \$65.00

900 VCT 250 ma; 4 1/2x4 1/2x3 1/2 16 lb. #S-P243 \$7.95

1000 VCT 220 ma, 2.5 VCT 5 A; 5 VCT 3 A; 1750 V insulation. 5x4 1/2x4, 20 lb. #T1/610, \$10.95

5 VCT 12.6 A FILAMENT TRANSFORMER, 1500 V insulation; 3 1/2x3 1/2x3, 8 lbs. #T3/610, \$6.95

5 VCT 10 A, 5 VCT 3 A, 6.3 VCT 3.5 A, 2 KV insulation. 4 1/2x4 1/2x3 1/2, 12 lbs; #T4/610, \$8.95

2.5 VCT 10 A, 10 KV insulation; 5x3 1/2x3, 7 lbs sh wt. #Z29621-201, \$4.95

AF MODULATION

Primary 8000 A.ct 250 ma; secondary 2800 A.ct 300 ma.

Response 200-20K Hz, 120 watts. 8x4 1/2x4 1/2, 30 lbs sh wt. #T201/MD141, \$12.00

Primary 21000 A.ct, secondary 8000 A.ct 250 ma; 150-3000 Hz, 250 W (7 KV test). 7 1/2x4 1/2x4, 28 lbs sh wt. #Z29633.68/610, \$15.00

CHOKES

11 HY 500 ma 55 ohms 10 KV test 9x7x6, 42 lbs. #3C557N/610, \$12

6 HY 250 ma 105 ohms 2 KV test; 4 1/2x3 1/2x3, 8 lb sh wt. #L123/610, \$5.95

6 HY 205 ma 67 ohms, 620 WV; 4 1/2x3 1/2x3 1/2, 7 lbs sh wt. #L102/MD141, \$4.50

2 HY 700 ma 26 ohms, 1 KWV; 5 1/2x3x3 1/2, 9 lbs sh wt. #L201/MD141, \$4.75

3500 VDC 53.3 MFD CAPACITOR,

10x4 1/2x3 1/2; 11 lbs sh.

CSI #4W3081, NEW, \$25.00

1500 VDC CAPACITORS, removed from equipment:

8 uf, 5 1/2x3 1/2x2 1/2, 3 lbs, \$4. 10 uf, 5x3 1/2x3, 4 lbs, \$5.00

4 uf 4000 VDC, 10 1/2x4 1/2x3 1/2, 12 lbs sh. Used, \$10.00

2 uf 4 KVDC, 7 1/2x4 1/2x3 1/2, 7 lbs sh., \$5.00 25 uf 4 KVDC PHOTO-FLASH 9 1/2x4 1/2x3 1/2 9 lbs. \$16

31-151 PF 7KV VARIABLE

DUAL SECTION 7000 V VARIABLE CAPACITOR, 31 to 151 pf per section; 0.175" air gap. 5/8x1" dia shaft; o/a 4 1/2x14 1/2x4, 4 lbs. #153-511, used, \$24.95



VACUUM VARIABLES

JENNINGS VACUUM VARIABLE CAPACITORS removed from unused equipment: 4 1/2"H x 2 1/2" diameter, 3 lbs sh wt.

#UCSV-110, 110 pf 10 KV, \$75.00 #UCSV-250-7.5, 250 pf 7.5 KV, \$80. #UCSV-250-10, 250 pf 10 KV, \$90.00

WATER TEMP METER

3" DIA WATER TEMPERATURE METER with 20 to 240 degrees Fahrenheit expanded scale. Includes 6' long copper capillary; Marshalltown mfg. 2 lbs sh. #261-9858, NEW \$14.00



WW-II VEHICULAR RADIO

BC-620 TRANSCEIVER, part of SCR-509-510 radio set as used in World War II vehicular communications. Receives and transmits over 20-27.9 MHz FM range on any two of 30 different crystal channels spaced 100 KHz apart. Transmitter output: 1.2 watts. Has tuning meter and tubes 1L6C, 1LH4, 4/1LN5 2/1291, 1294, 4/1299. Uses FT-241 crystal-type (not included) and requires 1.5 VDC 0.7 amp, 90 VDC 45 ma, 7.5 VDC 0.3 A, 150 VDC 45 ma. Size: 12x16 1/2x21 1/2, 40 lbs. Used, \$59.50



CS-79 BATTERY BOX for manpack use of BC-620 or BC-659; 17 lbs sh. Used, \$6. Unused, \$10. **SCR-509/510 MANUAL**, \$7.50 **SCR-609/610 (BC-659) MANUAL**, \$7.50 **TS-13 HANDSET**, \$10.00 with purchase of set.

RT-5010 TRANSCEIVER



RT-5010/PRC-510 CANADIAN PORTABLE TRANSCEIVER, Canadian version of U.S. RT-176A/PRC-10A transceiver. Covers 36-54.9 MHz FM continuously tunable.

Receiver IF 4.3 MHz; audio output 600 ohms. Transmitter power output 900 MW with normal range of about five miles. Microphone input 150 ohms. Controls for volume, tuning, squelch, pointer adjust, and dial lock. Can be used with either U.S. or Canadian versions of H-33/PT handset. With tubes 9/5678, 1A4, 2/5672, 3/5676, 5A6. Requires 135 VDC, 67 V, and 1.5 VDC. (BA-279 battery not available.) Units shipped less 4300 KHz calibrator crystal which is not essential for operation. 9 1/2x3x10 1/2, 9 lbs; used-not checked, \$16.95

RT-5009/PRC-509 CANADIAN TRANSCEIVER, same as RT-510 except 27 to 38.9 MHz FM; similar to U.S. RT-175A/PRC-9A. Used, \$18.95

AT-5001/PRC WHIP ANTENNA, 11"-47"L, \$3.00 ea **CY-5007/PRC BATTERY BOX**, \$3 w/set purchase. **H-33/PT (U.S.) HANDSET**, \$6.95 ea. **MANUAL FOR PRC-9A, -10A (U.S.)**, \$7.50

400-600 MHZ FM AMPLIFIER

AM-1178/GRG AMPLIFIER MULTIPLIER used in T-302 transmitter for 400-600 MHz FM range. 120 watts output using 4X150A and 4X150G tubes. 12x6x14, 45 lbs. Used, \$79.50; Unused \$100.



AM-1180/GRG, 50 to 100 MHz; 1/4X150A, \$49.50 **AM-912/GRG**, 100 to 225 MHz; 1/4X150A, \$75.00 **AM-915/GRG**, 225-400 MHz; two 4X150's, \$55.00

MAGNETO PHONE



MAGNETO-TYPE DESK TELEPHONE, similar in operation as field telephones KE-8's and TA-43/312's. Hand crank generator rings other party or vice versa by the connection of two wires between phones. Requires two "D" cell batteries; 10 lbs. #929-6864, NEW \$49.50

FLAMEPROOF KEY

TC-5A FLAMEPROOF KEY, early WW-II U.S. Army Signal Corps key on 3-1/8x2-5/8 x3/8 phenolic base. Ball-style button; 2 lbs sh. Unused, boxed, \$9.95 each



WARNING LIGHT



CROUSE HINDS HAZARD LIGHT, 5"Hx4" dia red glass dome on cast aluminum base w/mounting clamp for 3/8" dia rod; standard light bulb socket. Has rubber weatherproofing seals. O/a 7 1/2" high; 5 lbs sh. #CH-HL-P-18/9419, unused, \$19.95

SINCE 1947

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8 APR 1983

FAIR RADIO SALES CO.
WORLD'S FINEST

ELECTRONIC SURPLUS

GOVERNMENT AND COMMERCIAL

MANY ITEMS AT SPECIAL SALE PRICES!

CATALOG WS-83



SPEAKERS



BOOKSHELF SPEAKER in walnut-grained vinyl-covered 7x10x2 1/2 enclosure. Has 4" dia 16 ohm 1 W speaker and 6 foot cord with RCA plug; 2 lbs sh. #ER-WD-SFK NEW \$4.50 ea 2/\$7.

SPEAKER PAIR in PLASTIC ENCLOSURES, each 4" dia 16 ohm 1 W speaker in attractive 6 1/2 x 6 1/2 x 5 1/2 enclosure with 6' cord and RCA plug. White & black plastic per pic; 4 lbs sh wt. #ER-PL-SFK-PR NEW \$4.95/pair.



SPEAKER WRAP for assembling 10 1/2 x 20 x 4 walnut-grained vinyl-covered enclosure; no grill cloth. 7 lbs sh. #ER-SFK-WNC, 2/\$3.00

3 X 5 SPEAKER, 2 watts with 1 1/2" dia magnet. Specify 8 or 16 ohms; 1 lb. \$1.35 \$95/100



100 - 500 LOT PRICING available on all above.

TRANSISTOR AUDIO AMP



TRANSISTOR AUDIO AMPLIFIER w/5-transistors, on-off-volume and tone controls. Inputs for ceramic or crystal phono cartridges. Other possible uses as homebrew receiver, intercoms,

child's projects. Use with 8 or 16 ohm 3" or 4" speaker. Req 6-9 V AC or DC; no further info. 1 1/2 x 2 1/2 x 3 1/2. #ER-10-1231 NEW \$2.95; 2/\$5. 100, 500, 1K LOT QUANTITY PRICES AVAILABLE.

TELE COSTER I



TELE COSTER I TELEPHONE METER, cost-effective device for the individual or business who wants to keep "tabs" on the length and costs of long-distance and, perhaps soon, local telephone calls. Initial and secondary rates/period are programmable using the numeric plus 6-function keyboard. LED display shows cost/period plus elapsed time hr-min-sec. Also display flashes 15 sec before rate change and has X60 speed-up time so maximum acceptable charges could be determined before the call. In sturdy, handsome beige plastic case. Requires 115 VAC 60 Hz; 2 lbs. NEW w/info \$10.

2 TO 12 MHZ TRANSCEIVERS

RT-77/GRC-9 BACKPACK TRANSCEIVER, covers 2-12 Mhz AM CW in bands 2-3.6, 3.6-6.6, and 6.6-12 Mhz; Hi-10 outputs 7/1 watt (AM), 15/5 W (CW). Receiver section has 456 KHz IF and calibration points every 200 KHz. Transmitter can be continuously tuned or two preset channels; uses 2E22 tube in power amp. Set also includes tubes 2/1L4, 3/1R5, 1S5, 3/3A4, 3C4; requires 580 vdc 100 ma, 6.6 vdc 2 amp, 120 vdc 45 ma, 1.5 vdc 500 ma, 6.9 vdc 575 ma. RT-77 was used in field and vehicular installations with a number of power supplies designed for it such as GN-58 handcrank generator available below, PE-237 6-12-24 VDC vibrator supply, DY-88 (12 VDC) & DY-105 (24 VDC) dynamotor supplies, PP-327 115 VAC supply. 16x13 x8, 35 lbs sh. Used, \$49.95; MANUAL, \$8.50



GN-58 HANDCRANK GENERATOR with legs, seat, two cranks; powers RT-77 at reduced outputs 3.6 W (AM), 10 W (CW). 39 lbs sh. Used \$35.

CONNECTORS f/GRC-9 as available, \$4 ea w/aet HS-30 HEADSET w/CD60+, used \$4.75; unused \$8. T-17 MICROPHONE, used \$6.95; reconditioned \$9. J-45 LEG IRON w/J-37 KEY, used, \$12.00



AN/PRC-47 RADIO SET with RT-671 transceiver as the major component covering 2 to

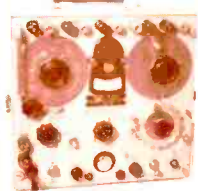
11.999 mhz USB (voice and CW+800 Hz) in 1 KHz steps. power output 100 watts PEP (Hi) or 20 W PEP (Lo). FSK mode possible if used with suitable converter (not available). Collins manufactured set is transistorized except for PL-177WA tube in power amp and tubes 5907, 7761, and 7905. Has 5-place mechanical digital tuning, P-A load and tune controls, and XMT2 output meter. Designed for field or vehicular use, RT671 operates from either 24 VDC 20 amps or 115 V 400 Hz. 7x21 1/2 x 13 1/2, 45 lb sh. Used-repairable \$375. W/H-33 handset, AS-1320 antenna, \$295. MANUAL repro \$17 w/purch. PRC-47 ACCESSORY PACK: AS-1321 15' whip antenna, LS-166 speaker, H-233 headset, J-45 key/leg-iron, CX-8396 cable, U-239 adapter, backpack harness & frame, and aluminum transit case; 95 lbs sh. \$55 w/RT-671 purchase.

3.7 TO 8.4 MHZ GENERATOR

POLARAD 1107 SIGNAL GENERATOR, 3.70 to 8.40 Ghz CW, square wave, and sawtooth FM; has three place mechanical digital tuning. Output attenuator continuously tunable from 0.1 u-volt to 300K uv. Internal square wave and FM rate 800-1200 Hz; FM sweep adjustable over 5 Mhz most of band. 2/A713441 transistors and tube 4/OA2, 3/12AX7, EL34, 8068, A160011 Polarad # klystron. Requires 115/230 VAC; 5 1/2 x 16 1/2 x 18 1/2 50 lbs sh. Used-repairable w/book, \$350.00



UNIVERSAL BRIDGE



2M-30/URM-90 RESISTANCE-CAPACITANCE - INDUCTANCE BRIDGE, portable unit has ranges: resistance 0.1 milliohm to 11 megohms, capacitance 0.1 pf to 1100 mf, and inductance 0.1 uHy to 1100 Hy. Also dissipation factor (R/X or D) 0.001 to 1.05 and storage factor (X/R or Q) 0.02 to 1000. Frequency range 100-10000 Hz; 1 KHz internal oscillator. Uses 6U5 eye tube as internal detector for AC measurements; galvanometer for DC measurements. Requires 115 VAC 50-60 Hz; 10 1/2 x 11 1/2 x 11, 23 lbs sh. Used, repairable, \$89.50; Checked, \$125.00 MANUAL, partial reproduction, \$10.00

ROBOTICS MOTORS

15° STEPPER MOTOR, removed from computer printer; originally used +9 to +40 VDC pulse. Hi-speed, hi-performance; w/original driver circuit diagram. 1 1/2" dia shaft; o/a 5 1/2 x 1-5/8 dia, 2 lbs BENDER #4-62 4R field \$17.50; #2-62, 2R, \$17.



15° 4-PHASE VR STEP SERVO, 5 ohms 1.5 A/φ; 28 VDC input pulse. 1/2" dia shaft; o/a 3x3x3, 2 lbs sh. Made in Canada; removed from equipment. #20M34C1, \$12.95

26 VDC REVERSIBLE MOTOR with clutch for fast stops; 12K RPM @ 26 VDC 1.2 amps. Clutch engages at 10 VDC which allows variable speed over 10-26 VDC. Rated for intermittent duty. Spline 3/16" dia shaft; o/a 4x1 1/2" dia, 1 lb. #SR-215 NEW \$8.95



ORDERING INFORMATION SEE PAGE 2

MINIMUM ORDER \$5.00

Fair Radio Sales Co.

P.O. Box 1105 - - 1016 E. Eureka St.
Lima, Ohio 45802
419/223-2196
419/227-6573


CATALOG INFORMATION

This IS the only catalog we will issue this year. A supplement will be sent in the Fall.


SHUNT
 50 MV. 15 AMP
 Size: 2x1 1/2 x 1 1/2
 6625-810-6742
 UNUSED \$2.50



FS=50 UA w/ mirrored scale, zero adj. Scale: 4.0-20.0 GMS. % HEMOGLOBIN. Mount on panel front or behind. Fits 2 1/2" dia. hole. 5 1/2 x 6 1/2; Beede mfg., \$7.95



CALBIOTCHEM meters, FS=50 UA 2-3/8" square. Used, \$4.95
 #200037, 0-150 -350% GLUCOSE scale.
 #200039, 0-.3% BLOOD ALCHL.
 #200056, 4-24% HEMOGLOBIN




DC AMMETERS by Mercer Electronics, 3 1/2 x 3 1/2; fits in 2 1/2" dia hole. FS=50 MV; NEW.
 0-300 ADC \$7.95
 0-800 ADC \$7.95



0-50 KV DC & 0-20 VDC scale FS=1 MA DC; 4 1/2 x 4 blk face. Mercer Elec mfg. NEW
 #MR-50KV-20V, \$6.95 ea




CB METERS clear plastic w/ black scales.
 Scales are not linear.
 Size: 1-9/16" sq. NEW \$2 ea
 #3-R/CEM, FS=250 ua (100 ua center); 1-2-3-5-cal so.
 #PWR-3/CEM, as above but 0-5 pwr, 1-9 3-units.
 #3-P/R/CEM, FS=200 ua (75 ua ctr); 1-9 "3", 1-5 pwr.




CLEAR PLASTIC METERS, 2-3/8" sq. fit 2-1/8" dia. hole. EMI mfg. Unused.
 #D1145-2, 0-5-50 MADC, FS=5 mdc, \$4.95
 #D1159-1, 0-50-500 MADC scale, FS=50 mdc, \$4.95
 #D3630, 0-3 VDC, \$4.95



MICROMHOS DYNAMIC MUTUAL CONDUCTANCE USED IN 1-177 TUBE CHECKER BASIC 0-1.4 MA. HICKOK #1547A STK# 3F1350 \$4.95




TV-2 REPLACEMENT METER, 0-250 SCREEN VOLTS, FS=1 MA, 2 1/2" RD. SEALED. NEW \$5.95




DECIBELS
 -10-0-6+ DB 6MW 600 OHMS 2 1/2" RD. West. 2837 \$4.95
 -12-0-8+ DB 100 UA=FS 3 1/2" RD BLK. RUGG. WAC4586 N \$7.95
 -12-0-8+ DB, FS=100 ua, 3 1/2" rd. blk. face. Used, \$5.95
 -20-0-3+ DB FS=199 MUA 2 1/2" R #GA50934 USED \$4.95

OTHER VALUES IN STOCK, WRITE
 POWER SET #6 TO 0 TO-3 2 1/2" RD. FS=200 UA, WAGLINE 1496/400 RUGG/SEAL U \$3.95


MULTIMETERS by Modutec. 5x4, zero adj, mirrored scale. Fits 2-5/8" dia. hole.
 #841974, 0-10 VDC-AC rms-UA DC, 0-28 VAC p-p, OHMS. FS=100 uadc, new, \$7.95
 #821155, 0-100 VDC, 0-75-150 MADC; FS=100 uadc. Not mirrored; 3x2 1/2. Fits 2-1/8 dia. hole. Unused, \$5.95



PRESSURE METER 0-30-60 in increments of 10; electrical type as used in mil-vehicles. 2 1/2" dia O.D. green rim; #6620-514 -4662, unused, \$5.95 ea



BATTERY CHARGE, FS=10 amps redline 6 A; 2 1/2" rd, Ben-wood-Tinze mfg. Unused, \$4.
 ROENTGENS PER HOUR METER 50 MICROAMPERE D.C FULL SCALE 3 1/2" RUGGEDIZED REMOVEABLE PLASTIC LENSE, BLACK FACE.
 TOP SCALE 0-500, LOWER 0-10 #300-10764 UNUSED \$3.95




BALENTINE V.T.V.M. METER ONLY AC VOLTS 1-10 DECIBELS 0-20 WESTON 643 4 1/2" OR EQ.
 MFG. PT. NO. 205007 NEW STK#6625-557-0899 \$8.95



VACUUM GAUGE 0-30" vacuum scale (0-10-15 -20 not graduated); 2-1/8" dia Marshalltown mfg #EC-324, NEW, \$4.50




ME-68/FRC-14 0-200 UA meter consists of 1 1/2" dia meter in rubberized housing w/U-77 plug on rear. Meter easily removed. 3x1 1/2 dia; NEW \$5.



Other SMALL METERS, 1 1/2" sq sealed types; used, \$6 ea:
 #20UA10 0-20 se FS=200 ua.
 #6719 -20-0-+20 se FS=1 ma.
 #M/6183, 0-10 scale FS=2 MA white face; used.
 #50UA/131, 0-50 UA DC; blk face, DeJur 131; used.
 #5T5/131, 50-0-50 scale; FS=5T5 UA, blk face; used.
 #M1/GRC14, FS=50-0-50 UA; blk face Phacostron, used.
 #3AT/T195, FS=25 ma, 0-500 scale; blk face, used.

 VU-METER, -20-0-+3 VU blk face; p/o T-195 transmitter #VU/T-195, used, \$8.95

RUNNING TIME
 RUNNING TIME METER, 3 1/2" rd, 5-place; 115 V.A.C 60 Hz. #RTM-WRT-1, Used, \$9.95
 LF-GAS METER, 0-1 VDC full scale. Mounts in 2" dia. hole. Chrome finish #48560-2, \$1.50 ea.




STORE HOURS
 9 A.M. to 5:30 P.M.
MONDAY THRU FRIDAY
 9 A.M. TO 1 P.M. SATURDAY

TERMS
 PRICES NET, F.O.B. LIMA, OHIO SEND MONEY ORDER, CERTIFIED CHECK, VISA, or MASTERCARD with PURCHASE ORDER for IMMEDIATE SERVICE.
 We reserve the right to hold an order accompanied by personal or company check until after check clears the banks.
 MINIMUM ORDER \$5.00
 Orders less than \$5.00 ADD \$1.00 HANDLING CHARGE.
 Include sufficient money for shipping charges. (UNUSED PAYMENTS RETURNED AT ONCE.) Otherwise we will send shipping charges collect.
 C.O.D. ORDERS, SEND 50% of PURCHASE with ORDER. CASH BALANCE will be COLLECTED UPON DELIVERY.
 When writing for information PLEASE state what specific information you desire.

DESCRIPTIONS
 ALL MATERIAL OFFERED IN THIS CATALOG IS IN "USED-COMplete" CONDITION, UNLESS QUALIFIED AND/OR NOTED AS "RECONDITIONED," "UNUSED," OR "NEW."
 MERCHANDISE IS NOT OPERATIONALLY CHECKED UNLESS SPECIFIED AS "CHECKED."
 EQUIPMENT DESCRIBED AS "REPAIRABLE"--MEANING "ABLE TO BE REPAIRED"--IS ELECTRO-MECHANICALLY COMPLETE, BUT REQUIRES SOME TROUBLESHOOTING BY THE CUSTOMER.

AC VOLTMETERS
 0-2 VAC 2 1/2" dia; Simpson Model 125, used, \$4.95
 0-8 VAC, 3 1/2" rd; various manufacturers, used \$6.95
 0-10 VAC 2 1/2" rd. \$4.95
 3 1/2" rd or sq \$5.95 var.mfg.
 0-30 VAC 3 1/2" rd. various mfg. unused \$8.95 used \$7
 0-150 VAC 60 Hz, various mfg; 2 1/2" rd., used, \$6.95
 0-300 VAC, 2 1/2" rd, used \$6.
 0-100 VAC, 3 1/2" rd., Hickok Model 47M, used, \$5.95
 0-15 VAC, 3 1/2" rd., various mfg., used, \$5.95
 0-450 VAC 3 1/2" rd sealed; 5 V increments, used \$7.95


AC AMMETERS
 0-3 AMPS AC, scale not graduated; 3 1/2" rd, \$9.95
 0-125 ACA FS=5 A for 400 Hz; 3 1/2" rd. Hickok \$9.95
 0-300 ACA FS=5A, 3 1/2" rd black face; used, \$8.95
 CURRENT TRANSFORMERS for AC ammeters; unused:
 #7150, ratio 260:5 A, 40 VA 50-125 Hz; 1 1/2 x 4" dia, \$4.95
 #3947, ratio 200:2.5 A 5VA 400 Hz; 1 1/2 x 3 1/2" dia, \$2.95



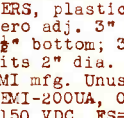
D.C. MILLIAMPS
 FS=1 MADC, 0-1.0-50 scale, 3 1/2" rd clear case; Used \$5.
 0-3 MA-DC, 3 1/2" rd. sealed. #4081, unused, \$6.95
 0-15 DC MA, 3 1/2" rd sealed; various mfg. Used, \$5.95
 0-100DCMA 100MA. MOVE. 3 1/2" RD. RUGG. #4265 N \$6.95
 0-150 DCMA SC. USED 3 1/2" RD. STD. CAY22061 \$5.95
 0-200 DCMA SC. 2 1/2" RD. USED #MR25200DCMA \$3.95
 0-200 DCMA SC. 3 1/2" RD NEW GE-CG22063 \$5.95
 0-200 MA-DC, 3 1/2" rd. Various mfg. Used, \$5.50 Unused \$7.
 0-500 MA DC, 3 1/2" rd sealed; various mfg. Used, \$5.95
 0-300 MA DC, 3 1/2" rd, clear plastic case. Used \$5.95
 1-0-1 MADC, 2 1/2" rd sealed; various mfg., used, \$5.95
 0-50 MADC, 3 1/2" rd., various mfg., used, \$6.95
 100-0-100 MA DC, 3 1/2" rd Weston 301; Used, \$5.95

D.C. MICROAMPS
 0-200 UADC, 3 1/2" rd sealed; Var. mfg. #3981 new \$5.95
 0-200 UADC and -8-0-+6 DB, 2 1/2" rd. sealed, new, \$4.95
 0-100 UA DC, 3 1/2" rd, various mfg. Used, \$5.95
 500-0-500 UA-DC, 3 1/2" rd., various mfg., unused \$6.95
 FS=20 UA DC, 0-2 ma indicated; 3 1/2" rd, \$6.95
 50 UA MOVEMENT, SCALE -30, 0, 150, POINTER AT ZERO, SEAL ED, 2 1/2 RD USED TRC30150 \$4

FS=50 UA DC, 0-50 ua & 250 ma scale; 3 1/2" sq. NEW \$7.
 CLEAR PLASTIC FS=100 UA METER with non-linear SWR and 0-20 W scales; 2-3/8" sq face f/2" dia hole. #SWR-020, NEW \$4.95



PAN-SHAPED METERS, plastic w/ zero adj. 3" top 2 1/2" bottom; 3" H. Fits 2" dia. hole. EMI mfg. Unused.
 #EMI-200UA, 0-50-150 VDC, FS=200 ua, \$4.95
 #EMI-5VDC, 0-5 VDC, \$5.95
 #EMI-25VAC, 0-25-250 VAC scale, FS=25 VAC, \$5.95




JEWELL MODEL 73T METERS, 3 1/2 x 3 for 2 1/2" dia hole-NEW
 0-15 VDC \$7.
 0-20 VDC scale, FS=50 mv, \$6.95
 0-200 ADC, FS=50 mv, \$7.95
 200 AMP DC SHUNT for 50 mv meter movements; 6x1 1/2, 1 lb #E#200A-SOMV, NEW, \$8.00

 JEWELL 73T 0-200 ADC meter w/CE 200 amp shunt, \$15.00

D.C. VOLTMETERS
 0-100 VDC, 3 1/2" rd clear plastic case; used, \$5.95
 0-15-600 VDC, 2 1/2" rd black face; w/mult. code-Used \$6.
 0-1 VDC 10KΩ/V 2 1/2" rd sealed; used, \$5.95
 0-5 VDC, 3 1/2" rd., various mfg., used, \$6.95
 0-80 VDC 3 1/2" rd; various mfg., unused, \$6.95
 0-100vdc sc. 2 1/2" RD. RUGGED #9545 NEW \$5.95
 0-750 VDC, 3 1/2" sq Simpson; used, \$5.95
 0-200 VDC, 3 1/2" rd. sealed; various mfg. Used, \$6.95
 0-300 VDC, 2 1/2" round; various mfg. Unused \$5.95
 -500vdc sc. 3" sc. #231-1624 Used \$5.95
 0-1000 VDC, FS=500 ua, 3 1/2" sq. Hoyt mfg. #1075 New \$6.
 KILOVOLT DC, FS=1 MA:
 0-3 KVDC, 2 1/2" rd new \$5.95
 0-15 KVDC 3 1/2" rd new \$6.95


OTHER VALUES IN STOCK, WRITE
R.F. AMMETERS
 0-15 RF AMMETER, 3 1/2" rd.; various mfg. Used, \$16.95
 ART-13 0-5 ANTENNA CURRENT, FS=250 ma; external transformer coil not available; 2 1/2" rd black face. Used \$5.

AC FREQUENCY METER
 45-52 and 58-62 HZ, 100-150 V.A.C, ten reads. 3 1/2" rd sealed; 2 lbs. #974-9864, unused, \$7.95




DC AMMETERS
 0-1.5 AMPS DC, 1 1/2" sq; Rowan mfg., used, \$7.95
 0-5 AMPS DC TRIPLETT 420G 4 1/2 x 4 w/zero adjust and mt; bezel. #KS19561L2, Used \$12.95
 WESTON 1941, 0-500 AMPS DC FS=50 mv; 4 1/2 x 4, used, \$12.
 0-15 AMPS DC FULL SCALE, 2-3/8" square; 2-hole flange mount 2-3/16" across. Emico #D2877, NEW, \$6.95
 WESTERN ELECTRIC 3 1/2" round clear plastic case; used:
 0-15 ADC \$10. 0-10 ADC \$9

DC AMMETERS, FS=50 mv:
 0-30 ADC 2 1/2" rd; NEW \$6.95
 0-200 ADC 2 1/2" rd NEW \$6.95
 0-1500 ADC 3 1/2" rd used \$7.



0-20 DCA SCALE 50 mv 3 1/2" N \$8.
BIG LOOK



400 W AM TRANSMITTER



T-368/URT TRANSMITTER, 1.5 to 20 Mhz @ 450 watts CW, 400 watts AM. Uses master oscillator, frequency multiplier, intermediate power amp, and final power amp. Also 4-400A tube in the P-A, two 4-125's in the modulator, 1500 pf and 300 pf 10 KV vacuum variable capacitors in P-A.

Input signal levels: 3-5 volts FSK, 30 V max external excitation. Input impedance: 56 ohms FSK, 1000 ohms external. Requires 115 VAC 50-60 Hz 1570 W (CW) or 2200 W (AM). 4 1/2 x 3 1/2 x 3 1/2, 650 lbs net. Sh wt: 940 lbs in wood crate as received from government. Used-good condition but not checked, \$495.00 Maintenance manual, partial repro, \$15.00

WATER TEMP METER

3" DIA WATER TEMPERATURE METER with 20 to 240 degrees Fahrenheit expanded scale. Includes 6' long copper capillary; Marshalltown mfg. 2 lbs sh. #261-9858, NEW \$14.00



WHISTLE/SOUND ACTIVATED



WHISTLE/SOUND ACTIVATED SWITCH, alternates on-off latching operation. Can be used to control lights, TV commercials, robots, etc. Ten transistors; 2 1/2 x 3-1/8 circuit board with microphone and schematic. #AST-96883, \$2.50 each.

**D O L L A R
D A Z E**

PLEASE ORDER BY NUMBER. Unit prices only as indicated. Look for more DOLLAR DAZE throughout this catalog.

- 8" x 17" PLEXIGLASS SHEETS, 1/8" thick Specify SMOKED, \$1.25
- LOUD BUZZER HORN as used in smoke alarms; 2" dia x 1 1/4". 6 VDC \$1.25 ea; 12 VDC \$1.35 ea; 115 VAC \$1.45 ea

RECEIVER-TRANSMITTER CHASSIS, solid-state, broadcast band. \$2.00

LINE CORD, 2-conductor #18 gauge as on appliances; 6 feet long, white. NEW, 3 for \$1.25

BRASS COUPLINGS for 3/8" dia. x 3/4" long shafts. 3 for \$1.00

MOBILE RADIO PLATE w/switch light, jack, 6' 10-cond. cable. Plate 3 1/2 x 3 1/2. \$1.00

49 Mhz WALKIE-TALKIE PC BOARD, no speaker or mic; 9 VDC req. \$1.50 ea, 3 for \$3.

MIXED HARDWARE: screws, nuts, washers removed f/equip. Usable; 3 lbs. \$1.00

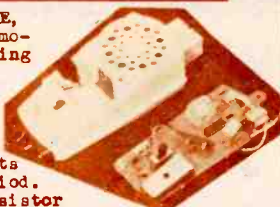
RUBBER EQUIPMENT FEET 1-1/8" dia rubber with 1" L #2 x 20 bolt; w/o nut. 8/\$2.00

LEVEL METER, FS-150 UA, 3/8 x 7/8 face; o/a 1 x 1 1/2. \$1.00 3/\$2.00

SPEAKER, 3" dia. 8, 1 watt. Sanpo SP024, new, \$1.00

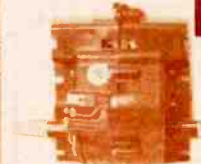
'SPACE TOY' MODULE

SPACE WARRIOR MODULE, electronic toy with motor speed and shooting sound effects with flashing LED's. Firing of infra-red LED is detected on aggressor module causing "hit" effects and an inactive period. Requires 9 VDC transistor battery. Sold AS-IS, may have cold solder joints or other problem. 6 1/2 x 2 1/2 x 1 1/2 2 lbs sh. #SPW-MOD, \$3.95 each; 2 for \$6.50



CIRCUIT BOARD only from above module, AS-IS; #SPW-PCB, \$2.50 each or 3 for \$6.00

ROBOT GEAR BOX



ROBOT GEAR BOX with two electrically independent 3 VDC motors which are loosely magnetic coupled. One gear has holes with 2 diodes used as optocouplers to sense rotational speed.

Has two 3/8" dia splined shafts (48 RPM @ 3 VDC). This plastic gear box could be used for light-duty robot, cart, or animation projects O/a 7 1/4 x 2 1/2, 2 lbs. #WD-4955-18, \$3.50 4/\$11

EMERGENCY FLASHER

EMERGENCY LIGHT-FLASHER-CHARGER, plugs into car lighter with 14 feet of cable and provides bright clear flasher for emergencies or continuous lighting for repairs, map reading, etc. Also has provision for trickle charging battery from another vehicle using an additional 3 ft cable connected to its lighter circuit. Has meter which indicates approximate charge time required. 6 1/2 x 3, 4 lbs sh. #EMERG-LFC, w/cables, NEW, \$5.00



LIGHTER CABLE, 14' as above, \$2.50; 30' \$1.

PERFECTION



COMPUTER PERFECTION, four games to test memory skills: Countdown and Black Hole for one player, Brainbattle and Lighttrace for two players. Each game has three skill levels. Also has test mode and "repeat" mode which re-runs the winning sequence of a game for the next game. Has TMS1100N1L chip, 10 LED's, sound element, and three slide switches. Uses 2/9 VDC transistor batteries (not included). 4 1/2 x 4 1/2, 1 lb. Board only as shown w/info #AS-IS \$2.50

TIME-TEMP SIGN PCB'S

SCR/TRIAC CONTROLLER BOARD with seven each 400 V 4 A SCR's and 200 V 6 A triacs. SCR's trigger the triac gates with a 50 m-sec 16 V pulse that holds all triggered triacs "on" until 24 VDC to SCR's is reset. Originally p/o time-temp sign. 6 1/2 x 2 1/2, 1 lb. #ASI-CMC27, w/schematic \$5.50



TRIAC CONTROLLER BOARD w/eight RCA 200 V 6 A triacs (TO-66), isolation/trigger transformer, shift register, and gates which control each triac. P/o time-temp sign. With schematic and 22-pin edge connector. 4 1/2 x 8 1/2, 2 lbs. #ASI-CMPL07 \$5.95

LOGIC CARD p/o time-temp sign controller containing IC's 2/555, 74LS00, 2/74LS08, 5/74LS14, 74LS20, 6/74LS32, 2/74LS42, 2/74LS93, 74LS123, 74LS237, 74LS367, 7404, 7417, and DS8830. With schematic. 9-3/8 x 5 1/2, 1 lbs sh. #ASI-503/00, \$3.95

CANADIAN TRANSCEIVERS

CRT-1/CPRC-26 CANADIAN PORTABLE TRANSCEIVER, six channel unit for use in the 47 to 55.4 MHz range. Receiver consists of RF amp, ktal oscillator, mixer, 4/IF amps, limiter, discriminator, and audio amp. Transmitter has master oscillator, modulator, power amp w/3B4. Uses tubes 2/3B4, 5/1AD4, 5672, and 3/5678 all of which are in sealed plug-in modules except the 3B4's. Modules are repairable Receiver sensitivity about 2 uv, deviation 15 Khz. Transmitter output 300 MW. Receiver requires 1.5 V 550 ma 45 V 12 ma, 90 V 30 ma; transmitter 1.5 V 850 ma, 45 V 8 ma, and 90 V 30 ma. (Battery not available.) With battery box but less crystals. O/a 3 1/4 x 1 1/2, 5 lbs sh. Used, \$12.95



Accessories for CPRC-26: SCHEMATIC, \$1.50 AT-5001/PRC ANTENNA, collapsible with flex base; 11" L folded, 47" extended. \$3.00 ea. CP-1/PRC COUNTERPOISE, rubber insulated 4 ft long wire w/split pin plug; use as counterpoise and/or trailing wire antenna. 2/\$1.50 CAN-H33/PT HANDSET, like U.S. H-33/PT but with Canadian plug; \$8.95 with set purchase. H-5002/PRC HEADSET, one 300 ohm element, \$4. MODULE SPARES, unused; specify RF OSCILLATOR, IF AMP, MODULATOR, AF AMP --\$1.50 ea, 10/\$10

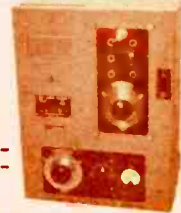
COMPRESSOR-VACUUM PUMP



COMPRESSOR/VACUUM PUMP UNIT, originally used with medical equipment. Could be used as-is or dismantled for separate components. Consists of Gast #1531-V-175-351 motor rated 115 VAC 60 Hz 1.7 amps, 1/10 HP 3450 RPM. Compressor duty: 1.5 CFM @ zero PSIG to 0.95 CFM 20 PSIG max. Vacuum duty: 1.5 CFM @ 0" HG, 0.8 CFM @ 10" HG, or 0.2 CFM @ 20" HG. Compressor outlet connected to four valve assembly; each valve has 1/4" orifice and rated 5 PSIG. Printed circuit board cycles valves 15 seconds on/15 sec off, two valves or all four valves functioning according to position of valve selector switch. Compressor fittings standard 1/8" NPT. Includes 4-blade cooling fan and sound insulated enclosure for low noise operation. 10 x 13 1/2 x 13 1/2, 34 lbs sh. #AS-LAF-VP, used, \$34.95

'ANTIQUE' TRANSMITTER

RCA ET-8003 LF TELEGRAPH TRANSMITTER, "antique" unit transmits 700 Hz tone over 355-500 Khz; 30 watts output. Designed to operate from 1500 VCT 100 ma 350 Hz power input. Keying circuit is in-line with the power input so that keying makes or breaks the power circuit. The four #10 tubes are then modulated by the line frequency and produce the 700 Hz tone. Antenna coupling set by moving plug in to any one of six coil tap jacks. Has two National Velvet Vernier dials, two varioneeters, and 0-5 RF ammeter. 2 1/2 x 6 1/2, 30 lbs sh wt. Government-reconditioned, \$99.50



Original 350 HZ POWER TRANSFORMER for ET8003; primary 115 VAC 350 Hz, secondary 1500 VCT 100 ma. 10 lbs sh wt; unused, \$10.00

TELEPHONE TONE PAD

STROMBERG-CARLSON TONE KEY PAD, can be used for tone control, signaling, and experiments. Each key produces two tone output; characters 0 thru 9, *, #. Requires 9-15 VDC; with hook-up info. 3-3/8 x 3 1/2, 2 lbs sh. #SC-35A3AP, NEW, \$8.95; 2 for \$16.



BC & ARC COMMAND SETS

Even though they have been on the surplus market since the end of World War II, the Command Set Receivers and Transmitters are still popular with hams and experimenters. The series consists of either SCR-274N (BC-prefix) or AN/ARC-5 receivers (R-prefix) and transmitters (T-prefix).

As a group, the receivers cover 190 KHz to 9.1 Mhz and the transmitters 2.1 to 9.1 Mhz. Over the years many conversions have been written for the sets. However, the last comprehensive collection of such information, **Cg Surplus Conversion Handbook**, went out-of-print in 1979.

If you are interested but not familiar with the Command Sets, your best source for info about them may be another ham. Schematics for any of the receivers and transmitters are available from us @ \$1.50 each plus a SASE.

Command receivers are superheterodyne types which may be tuned by the use of a special spin knob or from a remote position with a control box and spline shaft. Each have six tubes: 3/12SK7, 12SR7, 12A6, and 12K8. They are designed to operate from a DM-32, a 24 VDC dynamotor with an output of 250 VDC 60 MA and 24 volts. Shipped less dynamotor. Size: 5x5x11, 15 lbs sh.



put of 250 VDC 60 MA and 24 volts. Shipped less dynamotor. Size: 5x5x11, 15 lbs sh.

WRITE for current availability

Command transmitters with proper use can put out 50 watts CW and 30 watts phone. Modulation is obtained from either of two separate units, BC-456 for single tube modulation or MD-7 for push-pull. The 575-600 VDC 175-200 MA and 24 volt power requirements were originally satisfied by the 24 VDC DM-33 dynamotor which mounted on either modulator. The transmitters use a 1629 "eye" tube for tuning and crystal calibration plus tubes 2/1625 and 1626. Size: 5x7x12, 17 lbs. sh.



BC-457/T-20, 4 - 5.3 Mhz, reconditioned \$19.95
BC-458/T-21, 5.3 - 7 Mhz, " \$19.95

BC-456 MODULATOR for use with Command Transmitters; single tube modulation with tubes 1625, 12J5, 0D3. Has provision for mounting DM-33 dynamotor. 7x8x10, 11 lbs. sh. Used \$12.95

MD-7/ARC-5 MODULATOR, same as BC-456 except uses two 1625's a push-pull for 40-60 watts \$20

PUSH-ON TUNING KNOB f/Command Receivers, \$2.
MC-215 SPLINE for remote tuning, 6 ft., \$1.50
DM-32 DYNAMOTOR, 24 VDC f/receivers, \$4.95
DM-32/12 DYNAMOTOR, 12 VDC f/receivers, \$6.
AC POWER SUPPLY f/Command Receivers; w/speaker, our construction. Kit, \$32. Wired, \$40.

FT-233/MT-7 single receiver rack, \$3.00
FT-234/MT-69 single transmitter rack, \$3.25
FT-227/MT-70 SHOCKMOUNT for FT-226 rack \$2.50

C-48 CONTROL BOX, panel style for tuning ARC receivers over 190-550 KHz; dial changeable. w/volume control; use with MC-215. Used \$8.
C-1245/2354 CONTROL BOX, like C-48 except dial 108-135 Mhz; used, \$8.95

R-19/ARC AIRCRAFT RECEIVER, 118 to 148 Mhz continuously tunable. No dial; designed for remote tuning with spline shaft. IF-15 Mhz. With tubes 9002, 3/9003, 14A7, 2/14R7, 14F7, and 12A6. Uses accessories similar to ARC-5 Series. Requires 250 VDC 60 ma and 24 VDC. 6x5x11 1/2; 13 lbs. sh. Used, \$18.95



R-11A RECEIVER, 190-550 KHz. Similar to R-19 but has 85 KHz IF and tubes 2/14A7, 14S7, 14R7, 14F7, and 12A6. Used, \$12.95

R-22 BROADCAST BAND RECEIVER, 550-1500 KHz. Similar to R-11. Used, \$24.95

ARC-39 RECEIVER-XMITTER



RT-427/ARC-39 RECEIVER-TRANSMITTER, REPLACES COMMAND SETS; COVERS 2.0 TO 9.1 Mhz IN TWO BANDS; SIX CRYSTAL-CONTROLLED FREQUENCIES PER BAND. RF OUTPUT: 10 WATTS MIN. INTO 10 OHM LOAD (100 PF). 100% AMPLITUDE MODULATION; AUDIO OUTPUT: 200 MW WITH 1000 UV 30% MODULATED INPUT; 800 MW MAX. BANDWIDTH: 8 KHz 3 6 DB-DOWN. METER INDICATES RELATIVE RF OUTPUT TO THE ANTENNA. WITH TUBES 0B2, 2/12AT7, 4/5749, 5750, 3/5686, 4/5814, & 3/6159. POWER REQUIRED: 28 VDC 4.4 AMPS WHEN RECEIVING; 8.5 AMPS TRANSMITTING. SIZE: 7x10x2 1/2; SHPG. WT: 42 LBS. PRICE: USED, COMPLETE, \$49.50

MANUAL FOR RT-427/ARC-39, REPRODUCTION, \$10.

225-400 MHZ CONVERTER



AM-914/TRC AMPLIFIER-CONVERTER, originally used with military R-417 receiver as plug-in for the 225-400 Mhz range. Continuous tuning of RF and oscillator; 30 Mhz I.F. Unit has conversion possibilities as discussed in R. Grove's article in 10/80 issue of Cq magazine. With tubes 5670 and 4/6J4. 7x6x9 1/2, 17 lbs sh. Used, \$34.95

AM-1179/GRC, 50 to 100 Mhz, \$39.50
AM-913/GRC, 100 to 225 Mhz, \$39.95
AM-1177/GRC, 400 to 600 Mhz, \$44.50
AM-3203A/GRC, 1.35 to 1.875 Ghz, \$49.50



AM-915/GRC AMPLIFIER-MULTIPLIER, used in T-302 transmitter for 225-400 Mhz FM range. 120 watts output from two 4X150's. 12x6x14, 45 lbs. Used \$65.

AM-1180/GRC, 50-100 Mhz; one 4X150A, \$49.50
AM-912/GRC, 100-225 Mhz; " " \$75.00
A1-1178/GRC, 400-600 Mhz; has one 4X150A and one 4X150B as power amp tubes, \$79.50
Oscillators for AM-3204A, \$20.00 each:
O-902A (1.3-1.525 Ghz); O-903A (1.525-1.7 Ghz); O-904A (1.7-1.875 Ghz).

SCR-522 RECEIVER-TRANSMITTER
AM CRYSTAL CONTROL, 30 WATT, 4 CHANNEL ON ANY FREQ. IN THE 100-156 MC RANGE. USES TRANS. 2/832, 6SS7, 3/12A6, 6G6 REC. 1/9002, 9003, 12C6, 12H6, 3/12SG7, 12A6 & 2/12AH7.
UNITS CAN BE REMOVED FROM CABINET CASE SEPARATELY. REQUIRES POWER SUPPLY. SIZE: 16x11x10 1/2; WT: 50 LBS. RE-COND \$34.95
CONNECTOR PLUGS, \$1.50 EA. OTHER ITEMS AVAILAB.



R-77/ARC-3 VHF RECEIVER A.M. 100-156 MC, CRYSTAL CONTROL ON 8 PRE-SET CHAN. WITH TUBES: 6/6AK5, 3/12SG7, 2/12SN7, 1 EA. 9001, 9002, 12A6, 12H6, 12SL7 & 12SH7. VOLTAGE REQ. 24 VDC & 210 vdc @ 210 MA.

SIZE: 11x7x15; WT: 21 LBS. USED \$24.50
R-5009/ARC-502 SIMILAR TO ARC-3 EXCEPT MADE FOR CANADA. (WE WILL SHIP WHAT IS AVAILABLE)

ARR-58 FM RECEIVER

R-863/ARR-58 RECEIVER, FM 162.25 to 173.5 Mhz. DESIGNED TO RECEIVE SONOBUOY SIGNALS ON 16 PRESET CHANNELS. IF=30 MHZ. INPUT IMPEDANCE: 52 OHMS. MORE RECENT VERSION OF THE R-316/ARR-26 RECEIVER. CONVERSION INFO FOR R-316 TO 145-175 Mhz PLUS AUDIO, SQUELCH, AND 115 VAC 60 HZ POWER MODIFICATION INFO INCLUDED. WITH TUBES 7/6AK5, 2/6AG5, 2/6AL5, 6J6, AND 5814. POWER REQUIRED: 150 VDC 125 MA AND 6.3 VAC. SIZE: 5x8x17, WT: 20 LBS. USED, \$19.95



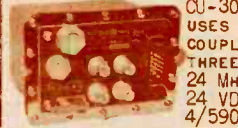
ANTENNA RELAY

ANTENNA RELAY UNIT for Command Sets; switches antenna from transmitter to receiver. With 2 1/2"rd 0-10 antenna current meter and 5KV 50 pf vacuum capacitor. 4x3x5 1/2, 6 lbs sh. Unused. #RE-2/ARC, black finish, \$14.95 #BC-442A, aluminum, \$15.95



R-101/ARN-6 RADIO COMPASS RECEIVER, 100-1750 KC IN FOUR BANDS WITH TUBES 6/12SK7, 4/12SX7, 2/26A7, 2/2050, 1/12SY7 & 1/12SX7. POWER REQUIRED 24-28 VDC. SIZE: 11x7x15 1/2; 40 LBS Gov't reconditioned \$65.

AS-313/ARN-6 LOOP ANTENNA USED \$15.00
ID-91/ARN-6 INDICATOR 3" NEW \$12.95
PD-5/ARA-19 TUNING DRIVE USED 9.95
AM-203B/ARA-19 AMPLIFIER NEW 8.95
C-149/ARN-6 CONTROL PANEL, USED, \$9.95
MC-124 FLEX. TUNING SHAFT 20 IN. USED 1.50
MC-203 "T" ADAPTER USED 1.50
MC-136 RIGHT ANGLE ADAPTER USED 2.00



CU-308B/U ANTENNA COUPLER; USES CATHODE FOLLOWER TO COUPLE SINGLE ANTENNA WITH THREE RECEIVERS IN THE 2 TO 24 Mhz RANGE. INCLUDES THREE 24 VDC 500 OHM SPST RELAYS, 4/5906 TUBES, AND FOUR BNC CHASSIS CONNECTORS. POWER REQUIRED: 24 VDC 180 MA. 5x5x3 1/2; WT: 4 LBS. UNUSED, \$9.95

AT-382 LOOP ANTENNA for receivers in the 190-1500 KHz range such R-23/ARC-5, R-11, and R-836/ARN-59. 9" dia loop is turned manually by use of MC-215 spline and spin knob. Has BNC connection for RF. 14x9x4, 10 lbs sh wt. AT-382/L-10, unused \$12.95



R-836/ARN-59 DIRECTION FINDER RECEIVER, same as Aircraft Radio Corp R-30A DF receiver used in light aircraft. Covers 190-1750 KHz in bands 190-400, 400-840, and 840-1750 KHz; replaces AN/ARN-6 radio compass system. Can be tuned using push-on knob or remotely using C-2275 control box and MC-215 spline listed separately below, IF 142.5 KHz; tubes 2/5718, 5896, 5/5899, 3/5902, 2/6021, 6112. Requires 24 VDC 1 amp, 110 VDC 90 ma, 125 VDC 20 ma; also 13 V 100 Hz for loop self-syns if used for DF. Voltages originally supplied by DY-107 dynamotor (not available). 4x4x10 1/2, 9 lbs sh. Used, \$24.95
OPERATOR'S MANUAL, \$3. SCHEMATIC, \$2 w/set.
MC-215 SPLINE, 6', \$1.50; Spin Knob, \$2.00
ID-637/ARN 3" dia COMPASS INDICATOR, \$8 w/set
AC POWER SUPPLY w/speaker for R-836, our construction; 14 lbs sh wt, \$45.00



C-2275/ARN-59 CONTROL BOX for tuning R-836 in three bands; also Tune-to-Max meter, volume control, BFO, and Loop switches. Requires 28 VDC; 3 1/2 x 5 1/2 x 2 1/2, 2 lbs. Used \$12.

VHF ARC-5 EQUIPMENT

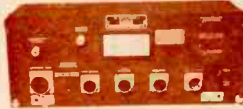
R-28/ARC-5 100 to 156 Mhz RECEIVER, crystal-controlled on four preset channels. Crystals inserted behind front access door which also conceals frequency dial and squelch adjust. Channel selection done by separate control box C-30/ARC-5. With tubes 4/717, 3/12SH7 2/12SL7, and 12A6. Requires 24 VDC for relay and selector motor, 250 VDC 60 MA HV. DM-32 may be used for HV. 14x7x4 1/2, 16 lbs. \$18.95 SCHEMATIC for R-28 or T-23/ARC-5, \$1.50 ea.



T-23/ARC-5 TRANSMITTER, companion to the R-28, has 10 watt output, though can be modified for higher rating. Uses two 832 and two 1625 tubes. Audio power for modulating originally supplied by MD-7 modulator

Frequency channel selection made by separate C-30 control unit. Requires 24 VDC for relays and selector; 600 VDC 175 MA for HV. Size: 15 1/2 x 8 1/2 x 5 1/2; 16 lbs. sh. Gov't. reconditioned \$25.
C-30/ARC-5 CONTROL BOX for above, \$3.00

ALTIMETER TRANSCEIVER



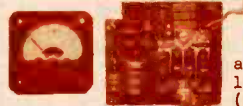
RT-7/APN-1 ALTIMETER TRANSCEIVER, 418 to 462 MHz FM; ABSOLUTE READINGS TO 4000 FEET. CAN BE CONVERTED FOR OTHER USES. UNIT CONTAINS WOBBLATOR, OY-NAMOTOR, AND TUBES 2/955, 2/9004, 3/12S7, 4/12SH7, 2/12H6, AND 003. POWER REQUIRED: 27 VDC 3 AMPS. SIZE: 8 1/2"x18 1/2"x8; SH WT: 25 LBS UNUSED, \$18.95; SHOCKMOUNT ASSEMBLY FOR APN-1, \$2.00

10-14A/APN-1 RADIO ALTITUDE INDICATOR USED WITH RT-7. 2 1/2" DIA. METER HAS SWITCHABLE SCALES 0-400 FT. AND 400-4000 FT., ON-OFF SWITCH. FS-6 MAOC. UNUSED, \$3.95



SA-1/ARN-1 ALTITUDE LIMITER SWITCH USED WITH RT-7 AND 10-14A IN CONJUNCTION WITH AN AUTOPILOT SYSTEM. ALTITUDE LIMIT SET FROM 50 FT. TO 300 FT. IN 25' STEPS; X 10 MULTIPLIER FOR HIGHER ALTITUDES. DESIGNED TO SIGNAL WHEN MIN. AND MAX. LIMITS ARE EXCEEDED. 3" DIA. UNUSED, \$2.95

SWR INDICATOR CIRCUIT



STANDING-WAVE RATIO INDICATOR CIRCUIT, assemble a SWR meter using this 1 1/2" square 0-10 scale (FS=2 MA) meter with

filters and rectifiers and a modified Schering bridge. One pair of bridge arms is resistive, the other capacitive. In theory the bridge circuit is balanced when the antenna is tuned to 52 ohms resistive resulting in a zero reading on the meter. 30-239 connector. Bridge: 2x2x1; 2 lbs. #M701/CU-991, \$8.95

PHASE AND LOAD DISCRIMINATOR, could be useful in tuning an antennas system, if used in circuit with a sensitive zero-center microammeter. Phasing and loading discriminator produces ±DC voltages proportional to the reactance of a system. Phasing output shows the type of reactance (capacitive or inductive) and the loading's indicates the amplitude of impedance referenced to 52 ohms resistive. In both cases zero DC output is ideal (may not be obtained in practical circuit). A third output is proportional to relative antenna current. 2x3x3; 2 lbs. sh #T201/CU-991 w/diag., \$4.95



DAV WALKIE-TALKIE



antenna not included
DAV-2 PORTABLE TRANSCEIVER with direction-finder circuit; operates on single channel between 2.3 and 4.5 Mhz @ 200 MW. Has controls for receive, transmit, and sense. Also water-tight O.D. plywood case, JK-26 phone jack, connection for T-45 mic, FT-243 crystal (no frequency choice), book, and tubes 3/3S4, 2/1T4, 1R5, and 1S5. Requires 67.5 VDC 3 ma, 135 VDC 19 ma, 6 VDC 30 ma, and 1.5 VDC 225 ma. Size: 10 1/2"x3 1/2"x10, 8 lbs sh wt. Used, \$10.95
We will try to ship matched frequency pairs when two or more DAV's are ordered.

ACCESSORIES which can be used with DAV-2: T-45 LIP MIC or T-30 THROAT MIC, unused, \$3. CCL-49559 HEADSET ASSEMBLY consisting of cloth helmet with headphones, unused, \$4.95 H-62 HEADSET, used, \$4.95 CW-51071 LIP MIC, used w/H-62; unused, \$3.00 CCL-66081 ANTENNA, seven section 15"-85" collapsible-telescoping, \$1.50 w/DAV purch.



MAB PORTABLE TRANSCEIVER CHASSIS, originally designed to operate between 2.3 and 4.5 Mhz on a single channel; 200 MW output. In waterproof black plastic case; mic and headset cut-off and not available. w/tubes 3/3S4, 2/1T4, 1R5 and 1S5. Requires 67.5 VDC 3 ma, 135 VDC 19 ma, 1.5 VDC 225 ma, 6 VDC 30 ma. Size: 8 1/2"x2 1/2"x7 1/2"; 8 lbs. sh. Used, with book, \$6.95

WW-II MINE DETECTOR



SCR-625 MINE DETECTOR SET, famous World War II unit designed to detect anti-tank mines buried at depth up to 24". Detection indicated on meter attached to handle or audibly by the M-356 resonator. Set includes C-446 13" dia x 1" search coil, BC-1140 control, BC-1141 amplifier, M-350 handle, M-356 resonator, BG-151 bag, CH-156 transit chest, and manual. With tubes 2/1N5 and 136. Requires two "D" cell batteries and BA-38 battery (not available) which supplied 103 and 67 VDC. Units are in good physical condition, but because of their age we do not guarantee their operation. 49 lbs sh wt. Used, \$79.50

MX-329 GYRO ASSY

MX-329/ASG-10 BOMB DIRECTOR GYRO set in MT-338 shock-mount. Gyro is operated from external air pressure and has 27 VDC gear motor to look gyro. Aluminum housing 4-3/8" dia; gyro about 2 1/2" dia. Has glass window on one end with -20 to 0 to +60 scale for monitoring relative attitude. 6 1/2"x7x9, 10 lbs sh. \$29.50



MIRRORED REFLECTOR



INFRARED NIGHT VISION REFLECTOR originally used on tanks. 23"x16" mirrored surface focuses light about 12" above center. Heat created can "smoke" wood on sunny day. 4 1/2" fall from extreme perimeters to center. Surface may have scratches. Nice experimenter's item. 12 lbs, used, \$25.



KB9-A 16 MM MOVIE GUN CAMERA used to record "hits" of aircraft gunfire. Has 35 MM F3.5 Kodak Ektar lens variable to f16. Holds 35' 16 mm film; speed 35 frames/sec. 24 VDC required for drive motor and heater. Red and yellow filters incld. 7x2 1/2"x2 1/2", 5 lbs. New \$28

SCOPE FOUNDATION

OSCILLOSCOPE FOUNDATION with 2AFL 2" dia CRT, shield, and socket plus four variable resistor controls on front panel and fixed resistor board behind panel. Does not have power supply; schematic not available. 7 1/2"x3 1/2"x4, 4 lbs sh. #10WG/305892, unused, \$19.95



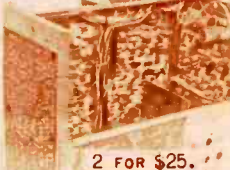
A&B VARIABLE RESISTOR

ALLEN & BRADLEY VARIABLE CARBON LOAD RESISTOR, 2.75 ohms 200 W maximum. Has divider terminal which can be placed anywhere among the 3/32" dia carbon plates to decrease resistance. 2-3/8" dia knob loosens and tightens plates. O/a 15 1/2"x4 1/2"x3 1/2", 8 lbs sh #5905-525-1721, NEW, \$24.95, \$18.95



CARTRIVISION COMPONENTS

FISH TANK



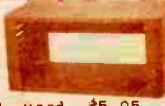
FISHTANK OF ELECTRONIC COMPONENTS, P/O VIDEO TAPE SYSTEM. CONSISTS OF DEMODULATOR, SERVO-AMP, DROPOUT COMPENSATOR, PER/POST PROCESSOR DC POWER SUPPLY (115 v 60 HZ; OUTPUT -12/-12 LAMP REG, 5 VDC 1 AMP UNREG. MANY PARTS, IC's FET, TRANSISTORS, TRANSFORMER VARIABLE RESISTORS, CAPACITOR MORE! Size 14x12x6 1/2" WT 15 \$14.95

DUAL FOOT SWITCH



TWO PEDAL FOOT SWITCH, each normally open 115 V 10 amp contacts. Switches are mechanically interlocked so that only one can be actuated at a time; interlock lever can be easily removed for independent operation of switches. Includes 15' 1 1/2" heavy rubber cable. 10x8 1/2"x2 1/2", 8 lbs. #2PED-FS unused \$3.95

ENCLOSURES



STEEL CABINET with lift top for 7"Hx14"Wx8"D panel. O/a 8x16x8 1/2", 7 lbs. #SK-CAB7148, used, \$5.95 PANEL with miscellaneous parts r/above, \$1.50

Stk #	W x H x D	Panel	Door	Lbs	PRICE
1313/60	19x13x13	12	top	35	Used, \$10.
CY-1693	22x16 1/2 x14	14	no	35	Unused \$18.

CS-191 CABINET-CASE, 13"Wx10"H x7"D; includes panel with cut-outs and markings for URM-191 solid-state signal generator. Also top handle and 2 1/2"D cover w/hasp fasteners. 2 for \$10. Unused, \$14.95

FILE CABINET for items upto 9 1/2" wide X 8 1/2"H; o/a depth 24". Steel, O.D. green; 14 lbs. \$6.

CS-616S1 CASE w/CHASSIS, 15 1/2"Wx8"Hx23 1/2"D (20"D behind panel). Some cut-outs on front; may be usable for antenna tuner or transmatch project. Aluminum; 20 lbs. Used \$12.

CS-1060 CASE w/CHASSIS, p/o small scope; o/a 8"Wx7 1/2"Hx13"D. Front has cut-out for 3"CRT; some parts on chassis. Handle on top; 10 lbs. Used, \$8.95

TRANSIT CASES

TS-382 TRANSIT CASE, o/a 15x19x15 1/2"; usable space without removal of spacers 10x18 1/2"x12 1/2" Not hinged; hasp fasteners. Aluminum; 35 lbs. Used, \$14.00

CY-1338 TRANSIT CASE, 20 1/2"Wx18 1/2"H x17"D; aluminum w/side grips and hasp fasteners, 40 lbs. \$16.00
CY-1342 CASE, as above but 21 1/2"Wx 18 1/2"Hx20 1/2"D; 43 lbs. \$17.50

CS-15X18 CASE, o/a 23 1/2"Wx18 1/2"Hx17 1/2" Usable interior 19x15 1/2"x14 plus 4"H cover. Aluminum with side handles and hasp fasteners. 46 lbs sh, used, \$16.00

CS-URM52 TRANSIT CASE, three ply wood and aluminum w/hasp hasp fasteners and side handle; 19 1/2"Wx19 1/2"Hx15 1/2"D, 42 lbs sh. Used, \$15.00

CY693/PDR-27 ALUMINUM CASE, four compartments: 3 1/2"x4, 7 1/2"x4, 1 1/2"x4, and 13x6 1/2"; may be removed for 13x10 1/2" size 9" deep. Hasp fasteners; may need repainting. 12 lbs. Used, \$6.00

CY-3157/USM-144 TRANSIT CASE, three ply wood and aluminum construction w/hasp fasteners; 19 1/2"x13 1/2"x13 1/2", 32 lbs. Used \$12.

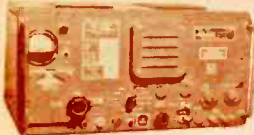
CY-1451 SPARE TUBES CASE w/hasp fasteners. Removable insert has space for 7- and 9-pin mini tubes and two 4X/4CX power amp tubes. 4 1/2"x10x3 1/2", 4 lbs sh. Used, \$3.50

CY1091/PDR ALUMINUM CASE, compartments 11 1/2"x7 1/2"x6 and 2 1/2"x7 1/2"x6; o/a 14 1/2"x7 1/2"x9 1/2"H. Cover hinged w/fasteners and top handle. 11 lbs. \$7.

MOTOROLA MOBILE RADIO CASES, olive-drab "80-D" style; 15 1/2"Wx6Hx17 1/2"D, 34 lbs sh wt. w/key; used, \$14. Specify: #CS-KT/MRC xmitter case with 18-pin connector or #CS-REC/MRC case with 28-pin connector.

CS-48 CASE, steel, 16 1/2"Wx7 1/2"H x7 1/2"D; 5 lbs. Used \$3. 2/\$5.00

U.H.F. RECEIVER



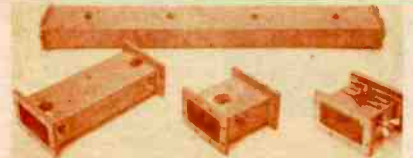
R-48/TRC-8 RECEIVER
F.M. 230 to 250 MC.
ONE BAND VARIABLE
TUNING, VOLTAGE RE-
QUIRED 115/230 60 CYC.
WITH SPEAKER, PHONE
JACK, SQUELCH CIRCUIT
2 1/2" METER FOR CIRCUIT
CHECKING. WITH TUBES 8/6AG7, 1/9002, 1/5U4, 1/
6V6, 1/VR-150, 1/6N7, 1/6SN7, 1/6AL7. SIZE: 20x
19x16; WT: 75 LBS. USED \$45.00

VHF RECEIVER



BC-639 RECEIVER, 100 to
156 Mhz AM continuously
tunable over a single
band. Controls for CW,
tone, AVC-Manual, RF
and Audio Gain, Attenu-
ation, and Sensitivity.
With tuning meter,
phone jacks, and tubes 3/9003, 9002, 4/6S07,
6S07, and 6X6. Power required: 210 VDC 60 MA
and 6.3 VAC 3.5 amps. Size: 10x19x10, 48
lbs sh. Used, repairable, \$30. Checked, \$60.

3.7-4.17 GHZ WAVEGUIDE



COPPER WAVEGUIDE, 2"x1" size for the 3710 to
4170 Mhz range; Western Electric manufacture,
removed from telephone installations. Filters
are tuned to preset frequency; adjusting
screws can be reset to desired frequency.
No further information available.

- #1301-Series FILTER with four adjusting
screws; 18 1/2" length, \$24.95
- #1303-Series FILTER, two top and two
side adjust screws; 6-11/32"L, \$17.95
- #1300-Series FILTER, one top and one
side adjust screw; 3-5/32"L, \$12.95
- #400-Series TUNER, two 1/2" dia adjust
screws; 2 1/2" long, \$14.95
- #ED51566-30 TUNER/TRANSDUCER,
two 1/2" dia adjust screws, one
3/8" dia screw
port; 2-7/8"
long, \$16.95
- #J368330K1 XMTR AMPL, dual sec-
tion 2-5/32" and 1 1/2" vari-
able internal port; o/a 4 1/2", \$19.95
- #ED63919-31 AMPLIFIER with 416B
tube with 3/8" dia screw port
adjacent to tube grid cap; as-
sembly silver-plated brass. o/a
5 1/2 x 3 1/2 x 1-3/8, 4 lbs sh. \$27.95
Mating 6-prong connector, \$2.00

CV-89 FS CONVERTER



**CV-89/URA-8 FREQUEN-
CY SHIFT CONVERTER**,
audio frequency con-
version type with
2EP1 CRT. Shifts

10-200 Hz @ 1 KHz center
frequency; 200-1000
Hz @ 2550 c-f. Maximum keying speed: 60 wpm
for single channel. Teletype output 60 ma
DC loop @ 70 V. Two AF inputs, one for narrow
one for wide shift; each 600 ohms ct, 60 uW
to 60 mW input power. Requires 115 VAC 60 Hz.
5 1/2 x 17 x 21, 55 lbs sh wt. Used-repairable, \$85.
Flanges for rackmount use, \$5 additional.
Manual, partial repro, \$10. Power conn., \$3.

WW-11 VEHICULAR RADIO

BC-620 TRANSCIVER, part of
SCR-509-510 radio set as
used in World War II vehi-
cular communications. Re-
ceives and transmits over
20-27.9 Mhz FM range on
any two of 30 different
crystal channels spaced
100 KHz apart. Transmitter output: 1.2 watts.
Has tuning meter and tubes 1LC6, 1LH4, 4/1LN5
2/1291, 1294, 4/1299. Uses FT-241 crystal-
type (not included) and requires 1.5 VDC 0.7
amp, 90 VDC 45 ma, 7.5 VDC 0.3 A, 150 VDC 45
ma. Size: 12x16 1/2 x 2 1/2, 40 lbs. Used, \$59.50



CS-79 BATTERY BOX for manpack use of BC-620
or BC-659; 17 lbs sh. Used, \$6. Unused, \$10.
SCR-509/510 MANUAL, \$7.50
SCR-609/610 (BC-659) MANUAL, \$7.50
TS-13 HANDSET, \$10.00 with purchase of set.

CV-116/URR FSK CONVERTER

for use with receivers
having final IF's from
450 to 510 KHz such as
R-220, R-388, R-390A
and SP-600. Converts
frequency-shift signals
into DC pulse that key the energizing
circuits of teleprinters; translates at 100
dot-Ez/sec. Unit can be used with two receiv-
ers. Channel A IF center frequency 50 KHz;
channel B, 29.3 KHz. Input FS range 150-1000
Hz, 100 uv minimum; 50 ohm impedance. Separate
control unit required between CV-116 and
teleprinter to match output-input signals.
Requires 115 VAC 60 Hz. 8 1/2 x 17 x 18; 80 lbs sh.
Used, repairable, \$100. Manual, partial, \$10.



4.4 - 5.0 GHZ TRANSCEIVER



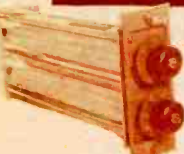
**RT-252/TRC-27 MICRO-
WAVE TRANSCIVER**,
4400-5000 Mhz pulse-
position modulated,
continuously tunable.
Converts video chan-
nel pulses into RF
for transmission and
receives RF and con-
verts it back into
video pulse. Receiver IF: 60 Mhz; 10 Mhz
bandwidth. Noise figure: 13 db. Has AGC and
AFC. Transmitter uses video amplification
and plate modulation of planar triode type
RF oscillator. With tubes 2K22 klystron,
6280 planar triode, 13/5654, 5670, 5726,
5727, 5814, 2/12AT7, 2/6X4, 6AU6, 3/OA2,
5933, and 3/6AQ5. Power required: 115 VAC
400 Hz. Size: 14 1/2 x 25 1/2 x 11 1/2, 75 lbs. sh.
Used, not checked, \$150. Schematic, \$5.00

AMPLIFIED FIELD PHONE



**TP-9 AMPLIFIED FIELD TELE-
PHONE**, permits communi-
cation over greater distances
than standard battery
field phones such as EE-8,
TA-43, and TA-342. Uses
vacuum tube amplifiers for
receiving and transmitter
circuits. TP-9 can be used
between standard field
phones and effectively
double their range. Has
bell for audible signaling and indicator
light for noiseless signal. Set consists of
aluminum chassis containing GN-38B generator
ringer, amplifiers, and TS-9 handset. Pro-
vision for head and chest set use. Requires
4.5 VDC 50 ma, 1.5 VDC 200 ma, and 67.5 VDC
5.5 ma. 11 1/2 x 11 1/2 x 7 1/2, 25 lbs sh. Used, \$27.95

BANDPASS FILTERS



**FULL-LENGTH TWIN-CAVITY
BANDPASS FILTERS**, 9-1/8"
length; gold-plated. Simi-
lar to filters described in
W4FXE's article in 2/80 Ham
Radio Magazine. 8 lbs sh
wt. \$24.95 each

- F-240 (67-76 Mhz)
 - F-239/U (58.5-67 Mhz)
 - F-241 (76-84 Mhz)
 - F-242/U (84-92.5 Mhz)
 - F-243/U (92.5-100 Mhz)
 - F-201/U (284-314 Mhz)
 - F-202/U (314-344 ")
 - F-203/U (344-374 ")
 - F-204/U (374-404 ")
 - F-195/U (163-184 Mhz)
 - F-196/U (184-205 ")
 - F-199/U (224-254 ")
 - F-200/U (254-284 ")
- SHORT-LENGTH twin-cavities**, \$19.95 each.
- ALUMINUM CASE with RACK** for
six of the above filters.
Case has hasp fasteners and
side handles. 18 1/2 x 20 1/2 x
12 1/2, 35 lbs. \$25.00
- CY-1344 CASE** only, \$17.50
FILTER RACK only, \$12.50



RT-5010 TRANSCIVER



**RT-5010/PRC-510 CANA-
DIAN PORTABLE TRANSC-
IVER**, Canadian ver-
sion of U.S. RT-176A/
PRC-10A transceiver.
Covers 38-54.9 Mhz FM
continuously tunable.
Receiver IF 4.3 Mhz; audio output 600 ohms.
Transmitter power output 900 MW with normal
range of about five miles. Microphone input
150 ohms. Controls for volume, tuning,
squelch, pointer adjust, and dial look. Can
be used with either U.S. or Canadian versions
of H-33/PT handset. With tubes 9/5678, 1AD4,
2/5672, 3/5676, 5A6. Requires 135 VDC, 67 V,
and 1.5 VDC. (BA-279 battery not available.)
Units shipped less 4300 KHz calibrator crys-
tal which is not essential for operation.
9 1/2 x 3 x 10 1/2, 9 lbs; used-not checked, \$16.95

RT-5009/PRC-509 CANADIAN TRANSCIVER, same
as RT-510 except 27 to 38.9 Mhz FM; similar
to U.S. RT-175A/PRC-9A. Used, \$18.95

AT-5001/PRC WHIP ANTENNA, 11"-47"L, \$3.00 ea
CY-5007/PRC BATTERY BOX, \$3 w/set purchase.
H-33/PT (U.S.) HANDSET, \$6.95 ea.
MANUAL for PRC-9A, -10A (U.S.), \$7.50

BANDPASS FILTER



F-237/GRC BANDPASS FILTER, designed to oper-
ate from 54 to 70.9 Mhz using dial tuning.
Bandwidth: 250 KHz @ 3 db points or 4.5 Mhz
@ 40 db points. 50 ohm output and input im-
pedance. Unit consists of a 3-gang variable
capacitor coupled to 3 sets of three sealed
cavities. Type C connections. F-237 has con-
version possibilities for 6- and 2-meter
amateur applications. An article about these
by W. Tucker, W4FXE, appeared in 12/80 issue
of Ham Radio. 5x11 1/2 x 11, 17 lbs. \$19.95

TMC - SSB CONVERTER



**CV-591 SSB CON-
VERTER**, same as
TMC MSR-4. Used
with 2-32 Mhz
receivers with
455 KHz IF's
such as the
R-390A and the SP-600JK. Operates upper and
lower SSB, AM, CW, FSK, and FAX. Input volt-
age: 0.1 to 10 V-rms. Input impedance: 240K
ohms. Bandspread -3 KHz. Slow/Fast AVC speeds
Output remains constant within 9 db with 40
db change in input. Output imped: 8 or 600
ohms. Requires 115/230 VAC 50-60 Hz. 5 1/2 x 19
1 1/2; 28 lbs sh. Used, repairable, \$145.00
MANUAL for CV-591, partial repro. \$8.50

BC-683 FM RECEIVER

BC-683 FM RECEIVER, designed for 27 to 38.9 Mhz using ten push-button preset channels, or continuously tunable. Has built-in speaker; requires 220 VDC 80 ma, 12/24 VDC. Part of SCR-608-628 radio set. 11x6x12 $\frac{1}{2}$; 40 lbs sh. Used, less dynamotor, \$54.95. DM-34 12 VDC dynamotor, \$5.



BC-603 RECEIVER, same as BC-683 except 20 to 27.9 Mhz; p/o SCR-508-528 set, WRITE BC-604 TRANSMITTER, companion to BC-603; 70 lbs sh. Unused, less dynamotor, \$25.00. DM-35 12 VDC dynamotor for BC-604-684, \$20. MANUAL for SCR-508-528, original, \$7.50

TRANSMITTER MODULATOR

MD-203/GR MODULATOR, converts a transmitter's CW signals into frequency shift signals for teletypewriter transmission when coupled to the transmitter's exciter. Designed for use with T-195/GRC transmitter, the unit is usable with any transmitter with a fundamental frequency in the 1.5 to 3 Mhz range. Frequency shift: 850 Hz (1.5-3.0 Mhz), 425 Hz (3-6 Mhz), 212 Hz (6-12 Mhz), and 106 Hz (12-20 Mhz) according to ten position freq. band selector switch. 1 volt min. input necessary. With tubes 26A7, 26D6, and 5E6A6. Power required: 27 VDC 1.8 amps. 9x7x13 $\frac{1}{2}$; 25 lbs. sh. Used, \$17.50; Power plug, \$3. w/set purchase. MANUAL for MD-203, partial reproduction \$8.50



CODE PRACTICE SET

AN/GSC-1 CODE PRACTICE SET designed for student practice of Morse code, accommodating up to 10 keys. Hand keying produces either an audio tone with adjustable volume and pitch or a blinker flash. Has effective range of 40 ft. if background noise is less than 60 db. Can be operated from 6, 12, 24, or 115 VDC or 115/230 VAC. With built-in speaker, blinker, volume and pitch controls and tubes 6X5 and 2/6AK6. Keys not included. 13x18x11; 58 lbs sh. Used, \$14.95;



PRD-1 DIRECTION FINDER

R-395/PRD-1 RADIO DIRECTION FINDER 100 KHz to 30 MHz AM-CW-ICW in seven bands; FM over 12.5-30 Mhz. 34 KHz band-width. 100 KHz crystal oscillator for bands 1-2-3 (100-1200 KHz), 1300 KHz bands 4-5 (1.14-5.8 Mhz), and 4000 KHz bands 6-7 (5.5-30 Mhz). Has two tuned RF amplifiers using two 6AK5's. Also 7/1U4, 1R5, 2/1U5, 6C4, 3A4, and 3A5. Designed to be used with diamond shaped AS-536 and AT-301 antenna which mounts on receiver's top. Requires 1.5, 6.3, -6, and 90 VDC. 18x13x13 $\frac{1}{2}$; 64 lbs net, 75 lbs sh wt. Used, repairable, \$105.00. MANUAL, partial repro, \$12. Schematic only \$3. AS-536 & AT-301 LOOP ANTENNA, \$20 w/set.



DY-79/PRD-1 DYNAMOTOR POWER-SUPPLY, fits and plugs into bottom of R-395 and provides all the voltages for the receiver from 24 VDC 7 amp input 10x14x17, 38 lbs sh. Used, \$35. Power input connector \$3 w/set

AN/PRD-1 DIRECTION FINDER SYSTEM in excellent little-used or unused condition. Includes: R-395, DY-79, AS-536, AT-301, MT-870 receiver tripod, battery cable, partial repro of manual in wood transit cases CY-949, CY-950, and CY-954. 275 lbs sh wt. Excellent. \$245.00



TA-1/PT TELEPHONE



SOUNDPOWERED TELEPHONE SET WITH AUDIBLE AND VISUAL CALL SYSTEM. PALM OPERATED GENERATOR PUTS OUT APPROX. 100 V. THAT SOUNDS BUZZER IN OTHER PHONE AND ACTUATES VISUAL INDICATOR. COILED CORD WITH PUSH TYPE BINDING POSTS FOR INTERCONNECTING WIRES TO BE FASTENED TO. COMES WITH FIBER CARRING CASE. SIZE: 8x3x3 $\frac{1}{2}$; WT: ACT 2LB USED \$25.00 EACH

OSCILLATOR

TRANSISTORIZED CRYSTAL OSCILLATOR and BUFFER, 56 to 99 Mhz with 75 C temperature controlled oven. Requires 5th overtone HC-6 (20 pf) x-tal (not incld). Has external oscillator input and tuning meter and oven output. Requires 12-18 VDC reg. for osc., 22-39 VDC 1 amp for heater. W/BNC and two submini 27 (UG-1465) connectors, power input DEC 9P connector, and schematic. 6x2x3 $\frac{1}{2}$; #OSC99828, \$10.



LS-184 SPEAKER

LS-184/AIC-10 LOUDSPEAKER with AM-492 amplifier. 5" blast-proof speaker is rated 5 watts; 5.5 V input for 1 W output 300-6000 Hz. Input impedance approx 900 ohms. Amplifier uses four 5178 tubes parallel push-pull. Transformer coupled input and output. Requires 27 VDC 150 ma and 170 VAC 30 ma. DPDT switch requires wiring. 7x8 $\frac{1}{2}$ x4-1/8, 5 lbs sh. Used, w/schematic, \$22.95

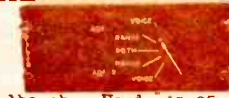


FL-30 AUDIO FILTER

1020 HZ AUDIO FILTERS, can be used to reduce interference in CW and audio signals for receivers. Each filter provides a sharp null at approx 1020 Hz in voice mode while frequencies near 1020 Hz are passed in "range mode. Response can be broadened by placing a variable resistor from input to output. Terminal strip connections. 3-1/8x3x1 $\frac{1}{2}$; 3 lbs sh. Used, \$4.95



F-90 AUDIO FILTER, similar to FL-30 except has sharper filter action. Designed for aircraft panel mount; has one 28 V panel light and schematic. 5x2x2 $\frac{1}{2}$; 3 lbs sh. Used, \$3.95. MATING CONNECTOR for F-90, \$2.50



MAGNETO PHONE



MAGNETO-TYPE DESK TELEPHONE, similar in operation as field telephones EE-8's and TA-43/312's. Hand crank generator rings other party or vice versa by the connection of two wires between phones. Requires two "D" cell batteries; 10 lbs. #929-6864, NEW \$49.50

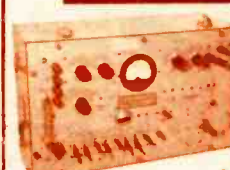
LANGUAGE LAB RECORDER

LANGUAGE LAB TAPE RECORDER, solid-state design; made by General Electronics Lab. Has three heads: one playback only master head on one track and the other two, playback and record, on a second student track. Uses standard $\frac{1}{4}$ " audio tape on up to 7" reels at speeds 3 $\frac{1}{2}$ and 7 $\frac{1}{2}$ ips. In practice, one can monitor the master "instructor's" track while recording responses on the student track. The student track can be played back simultaneously or separately from the master track depending upon control selection. The master track, which plays in one direction only, can be recorded upon or erased by switching plug-in wires from the student track heads. Besides its original usage, the recorder could be useful for code practice of for sound-on-sound audio experimentation. Audio response approx. 300-8000 Hz. Controls for student and master volume, playback-practice select, pause, and the other standard recording functions. Also three motors for very rapid fast forward/rewind, audio level meter, footage counter, 4" built-in speaker, and four plug-in circuit cards for audio, master audio, student audio, and bias oscillator. Uses common 2N2836 and 2N3702 transistors. Tape and reels not included; microphone and schematic not available. Requires 115 VAC 60 Hz. 18x16x8 $\frac{1}{2}$; 32 lbs net, 40 lbs sh wt. Used, repairable, \$19.95; Checked, \$45.00



TELEPHONE TEST SET

I-142/PTM-6 TELEPHONE TEST SET, measures characteristics of telephone and related equipment including these operations: 1. Sound source for mics and receivers; 2. Efficiency test for mics and receivers; 3. Capacitor test for leakage resistance; 4. Generator test; 5. Ringer test; 6. Insulation test; 7. Dial test indicating percent of pulse period; 8. Continuity test; 9. Instrument tests such as 600 ohm circuit for sound-powered equipment; 24 V. DC-AC res. circuit for common battery phones; impedance matching circuits for carbon and magnetic mics and receivers. Meter has scales -10 to +6 DB and 0-100 VDC. Requires external batteries for 3, 12, 24, and 135 VDC. Batteries not available. 19x12 x9, 46 lbs sh. I-142, used, \$59.50. TS-903/PTM-6A, more recent; 65 lbs., \$65.00



FIELD PHONE-CONTROL SET

C-2172/GRC-14 FIELD REMOTE CONTROL SET; DESIGNED FOR USE WITH AN/GRC-14 RADIO GROUP IN AM, PHONE, AND CW KEYING OPERATIONS OVER A TWO-WIRE 600 OHM TELEPHONE LINE. INCLUDES 20 HZ RINGER SYSTEM CONSISTING OF A HAND-CRANK MAGNETO GENERATOR AND BELL. WHEN USED WITH A H-33/PT HANDSET, THE CONTROL UNIT IS FUNCTIONALLY A FIELD TELEPHONE. TERMINALS PROVIDED FOR PHONES, MIC, AND KEY. SWITCHES FOR SERVICE (CW, AM, AND TEL); FSK CONTROL; AND SIGNAL (BELL OR CALL LIGHT). SOLD WITH H-33/PT HANDSET. POWER REQUIRED: TWO "D" CELL AND ONE 45 VDC BATTERY (NOT AVAILABLE). SIZE: 3x9-3/8x7-1/8; SHPG. WT: 13 LBS. PRICE: UNUSED, WITH USED H-33/PT, \$24.95



AUDIO AMPLIFIER

AM-864 AUDIO FREQUENCY AMPLIFIER, peak-limiting unit for AM and FM broadcast. Also may be used in recording and sound systems requiring automatic regulation of program level. Input and output impedance 600 ohms-ct; gain 36 db max. Distortion less than 2% @ 400, 1K, and 5K Hz. Noise level 40 db below 6 MW. Response flat within 1 db from 100 to 5000 Hz. With tubes 2/6SK7, 6SQ7, 6SN7, 5Y3. Requires 115/230 VAC 50-60 Hz. 7x19x8 $\frac{1}{2}$; 32 lbs sh. Used-not checked, \$24.95



Headsets Telephone Equipment Microphones Handsets



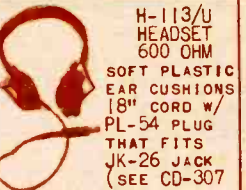
HS-23 HEADSET, 2K ohm using R-14 elements and unused grey plastic headband; 4 1/2' cord w/plug. Less cushions, \$9.25
HS-23 w/HB-7 brown headband (not U.S. mfg), 18" cord and PL-354 plug, \$9.00



#ZA/CAN3538 dynamic headphones, 125 ohm impd.; **MOVING COIL-TYPE, QUALITY REPRODUCTION. ADJUSTABLE CANVAS STRAP FITS ON TOP THE HEAD; STEEL-BAND BEHIND. WITH CHAMOIS CUSHIONS, "Y" CORD, AND PHONE PLUG. UNUSED, \$5.95**

SOUND-POWERED INTRUSION MICROPHONE 225 ohms with 6" stake for pushing into ground for artillery use. T-56 USI element 1614-11 unused \$3.75

Western Electric Sound-Powered 1024 ohms D-173016 trans. D-173012 receiver new \$3.00 ea.
 Carbon Elements F-1 Mic. \$1.50 Lip Mics: M-51 M-6 M419 etc. \$1.50 Telephone elements: U-1 or T-1, \$2.00



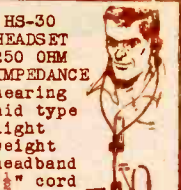
H-113/U HEADSET 600 OHM SOFT PLASTIC EAR CUSHIONS 18" CORD w/ PL-54 PLUG THAT FITS JK-26 JACK (SEE CD-307 EXTENSION CORD ELSEWHERE ON THIS PAGE) WT: 3LBS. USED-EX \$5.95



H-63/U HEADSET 600 OHM BOOM MIC 100 OHM 14" CORD WITH PLUGS. \$7.95 USED MIC. OR PHONE ELEMENTS ONLY, \$1 EA.



HS-30 HEADSET 250 OHM IMPEDANCE hearing aid type light weight headband 7 1/2" cord w/spade lugs that wire into CD-604 or CD-605 cord for 4000 ohm used \$4.75 new \$8



HS-16 HEADSET OR EQUIVALENT (SIMILAR TO PIC.) 2000 OHMS WITH 6' "Y" CORD & METAL TIPS. Unused \$4.95

4" CHAMOIS CUSHIONS for use with HS-23 or HS-33, #15301, new \$2.25 RUBBER CUSHIONS #MC-162 2 1/2" \$1.00 MX-41 2 1/2" \$1.25 HB-7 HEADBANDS: Grey \$3.25; Br \$3

T-17 MIC, CARBON 35 TO 90 OHM PUSH-TO-TALK: PL-68 ON 5' CORD. USED \$6.95 RE-COND. \$9.

RS-38 MIC, 100 OHM CARBON. 15" COIL CORD w/ PL-68, USED \$6. UNUSED. NOT U.S. MFG.. \$8.

CW-51071 LIP MICROPHONE 100 OHMS IMPEDANCE w/ 2 SNAPS FOR FASTENING TO H-62 HEADSET, 14" CORD w/ PL-291 PLUG INTO EXTENSION CORD CD-318 LISTED ON THIS PAGE OR CW-49561 EXTENSION CORD LISTED BELOW USED \$1.00

CARBON MICROPHONES 250 OHM F-I TYPE PRESS TO TALK No. C-3 (LEFT) 4' CORD PL-55 PLUG UNUSED \$4.95 M-2/10A/1422 (RIGHT) 4 1/2 FT. CORD PL-68 \$3.95 CO-78 HEADSET "Y" CORD 7' LG. RUBBER COVER NO PLUGS, TERM. \$1.50



H-33/PT HANDSET PHONE 300 OHM, MIC 40 OHM w/CORD UG-77 PLUG & PUSH TO TALK SWITCH. USED \$6.95



HS-230 HEADSET w/250 ohm elements as used in HS-30; soft 3 1/2" velour cushions, leather headband, & 18" cord w/PL-54 plug. Unused, \$9.95

CX-1334 CABLE, adapts H-113 or CW49505 to GRC-equip (JK-26 jack and U77 plug, \$4.

JK-38 PHONE JACK FOR INLINE USE, TAKES TWO PL-55 PHONE PLUGS \$1

PUSH BUTTON SWITCHES FOR HANDSETS THAT USE BUTTERFLY TYPES. DIRECT REPLACEMENT. #5930-327-7308 \$1.25

PL-204 PLUG: SINGLE HOLDER PL-68 & PL-55 SIDE BY SIDE. \$2.00

DOUBLE PLUG D178452 F/HEADSET SIMILAR 289 298. #3850 NEW \$2.50

T3-13 HANDSET, push-to-talk and cord w/PL-68 & PL-55; p/o BC-659. \$12.

H-161 1K ohm HEADSET w/300 ohm BOOM MIC for VRC-12 equipment. Has CX-8562 cable & switch. Used \$19.95 CX-8650 "Y" COIL CABLE w/2 U-182 (UG229) connectors, \$10 with purchase of H-161.



T-45 LIP MIC BRASS KEY WITH 2 BEARINGS; ADJUST. CONTACTS, COVER, CORD, AND PLUG. #R11950, \$4.75



T-30 THROAT MIC. M-86/U MAGNETIC MICROPHONE: 50 OHM IMPED. PUSH SW. LEVEL CONTROL 7' CORD. UNUSED \$14.95

TELEGRAPH KEYS

J-45 LEG IRON w/J-37 KEY with adjustable contacts. Includes 7 1/2' CD-201 cord w/PL-55 plug. 4 lbs sh. Used, \$12.00 LEG IRON only, \$4.75

CANADIAN #48 KEY (left), ball-style button; toggle switch for Send-Receive. 5 1/2 x 2 1/2 base, canvas leg straps, and 5' cord with PL-68 plug. 4 lbs sh. #CAN-48, unused, \$8.50

T-45 MICROPHONE CARBON TYPE 100 OHM 500B BELOW 1 MILL-VOLT, FLAT RESPONDS WITH PL-291 2 CONT MALE PLUG, 11" CORD Used, \$2.50



T-30 MICROPHONE CARBON TYPE, 75 OHM 500B BELOW 1 MILL-VOLT, FLAT RESPONDS WITH PL-291 2 CONT MALE PLUG, 11" CORD PRICE: NEW \$3.00

STANDARD TELEPHONE EQUIP.

All of our standard telephone equipment is sold as "used-complete" only unless otherwise noted. Some adjustments may be required so that the equipment conforms to your local telephone company's system.



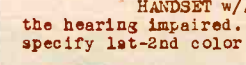
CALL COMMANDER SWITCHBOARD, NE-634C-1 or similar with plug; gray, green, or beige colors: 11-line 1-hold \$22.95 17-line 1-hold \$28.95

5-LINE 1-HOLD DESK SET phone style w/plug; black. \$17.95

2-LINE DESK SET phone w/terminal lug connections; black. \$16.95

1-LINE DESK SET w/terminal lug connections; black, blue, or green as available. \$16.95

HANDSET w/AMPLIFIED RECEIVER for the hearing impaired. With volume control; specify 1st-2nd color. #JEN-20, NEW, \$15.00



WE-302 TELEPHONES; old angular style. Straight or coil cord (no choice); black. \$9.95

STARLIGHT TELEPHONES with dial but no ringer; cord has terminal lug connections. Various colors; specify 1st, 2nd, 3rd choices. 5 lbs; used, \$15.

STARLIGHT WALL PHONE, as above but for wall mount. Used, \$16.00



STANDARD TELEPHONE HANDSET AND CORD, BLACK, USED, \$4. NEWER STYLE NEW, \$5.95

STANDARD TELEPHONE DIAL USED \$2.00

FLAMEPROOF KEY

J-5A FLAMEPROOF KEY, early U.S. WW-II vintage; 3-1/8 x 2-5/8 x 3/8 phenolic base. Ball-style button. 2 lbs sh. Unused-boxed, \$9.95

J-37 Key with brass adjustable contacts, mounted on bakelite base 3"x6"x3/8" with cord. Used \$7.95 Without base, \$6.

J-38 KEY, like J-37 except w/shorting bar; 4 1/2 x 3 base. Used \$10

TELEPHONE SWITCH KEY in metal box; lever switch f/2-line, MC-88003 \$4.

CX-1324 CORD, 4 ft with PL-55 each end Unused \$1.50

CD-307 CORD EXTENSION FOR CORDS WITH PL-54 PLUG AS USED ON HEADSETS, 65" LG WITH JK-26 JACK & PL-55 PLUG. Used, \$2.00

CX-2481 CORD, 12 ft one end PL-55, other PL-68; \$1.75

CD-604 CORD WITH IMPEDANCE MATCHING TRANSFORMER 500 OHM TO 4000, USED WITH HS-30 HEADSET, 6" CORD & PL-54 PLUG. UNUSED \$1. USED 60¢

CX-2482 CORD, 6 ft with PL-68 each end Unused, \$1.65

CD-605 CORD SAME AS CD-604 ONLY 30" LG. WITH PL-55 PLG UNUSED, \$2.00

PL-68 MIC PLUG 30" Used, \$1.00

JK-34 PHONE JACK TO FIT PL-55 PLUG Used, 3 for \$1.

HB-1 HEAD-BAND \$1.50

JK-33 JACK TO FIT PL-68 MIC. PLUG. Used, 3 for \$1.00

PL-55 PHONE PLUG 30" CORD \$1.00

for 1-3/4" elements

COILED CORD SET

COILED CORD SETS Three conductor, 24" to 72" 75¢ 12" to 36" 50¢

MC-385 HIGH to LOW ADAPTER

IMPEDANCE FOR HEADSET 4000-600 OHM Unused, \$1.50

STANDARD TELEPHONE DIAL USED \$2.00

3-cond. in colors 18"-36"; green, red, lt. blue 50¢ Grey or pink, 3/11 Five conductor, 12" to 36" \$1.25

H-60 HANDSET f/TA-43-312 phones. used \$10

H-189 HANDSET f/PRC-25, VRC-12 Used \$12.

M-80 MICROPHONE with U-229 plug. used \$10

M-29 MICROPHONE with U-77 plug. used \$5

CHAMOIS HEADSET CUSHIONS 4" DIA. \$2.25 PR

METAL HANDSET HOLDER f/older style handsets. Used \$5.

GENERAL TIMERS
 TM-506 to right, 0-14 second indicator 110 volt 60 Hz. motor repeat cycle used \$3.50
 TM-229 same as above, no face plate, knob or dial. For 10 seconds oper. max. U \$4.

TIMER BONANZA
CARTIVISION TIMER CONTROL, 115 VAC 60 Hz motor w/SPDT contacts; upto 8 hr delay. Also 18 V 200 ma transformer, 12 VDC SPDT relay, SPDT & 4PDT center-off slide switches, transistors, rectifiers. \$1.35

STOVE TIMER CLOCK MECHANISM w/start-stop control dials. Grey face 5x4; style may vary. 115 VAC 60 Hz w/switch rated 230 VAC 30 amps. Knobs not original, but usable. 2 lbs; #Q155760, \$3.50

CANVAS BAGS, STRAPS AND COVERS, MAY BE USED OR UNUSED. ALL ARE CLEAN WITHOUT TEARS. SHOULDER STRAPS ARE ADJUSTABLE AND MADE OF COTTON WEBBING.

CW-TRB ROLL BAG for tools, etc.; folds to 17"x8" w. Used, \$3.00

BG-175 BAG similar to above, 9"lgx 9 1/2"hx7 1/4"d. used, no tears \$3

BG-192 BAG, AS ABOVE WITH STRAP CLOSE COVER AND 8"HX 8"Wx2 1/2"D. \$2.50

BG-189 WALLET BAG, 10"Hx5"Wx3 1/2"W w/2 1/2" belt loops & cover w/snaps \$2.50 ea. 2 for \$4

MAST BASE COVERS, unused: BG-108, for MF-48, \$3.00 BG-67, for MF-37-57, \$2.75

ST-19 CARRYING STRAP, 65" LG. X 2"W; w/2" SWIVEL-EYE SNAP HOOK AND TONGUELESS-BAR BUCKLE NEAR ONE END TO ADJUST LENGTH. \$3.00

ST-42 CARRYING STRAP, AS ABOVE, NO SWIVEL, \$2.50

ST-54 CARRYING HARNESS AS USED WITH BC-1000 TRANSCEIVER; 38" EXTENDED LENGTH, 14" WIDTH. ADJUSTABLE STRAPS AND SNAP HOOK, \$3.

ST-120 HARNESS FOR PRC-8-9 -10 RADIO SETS. SIMILAR TO ABOVE, SAME USE, \$5.00

INDUSTRIAL TIMERS, 115 VAC 15 amp contacts; Unused: **ZAYLE SIGNAL** #175-0-100-13 15 sec delay, 0-100% dial set; 3 1/2"x3 1/2"x5. \$19.95
CRACKER 412E, 3 1/2" dia X 5 1/2" 30 min \$14.50; 60 min \$15

TIME-O-MATIC SIGN CONTROL, 115 VAC 60 Hz. THREE CONTACTS RATED 15 AMP EACH. TWO ALTERNATELY MAKE AND BREAK ONCE PER SECOND FOR 15 SEC; OTHER BREAKS FOR 20 SEC. AT THE SAME TIME. THEN ALL THREE MAKE AND THE CYCLE REPEATS. SIZE: 3x5x6; SHPG. WT.: 5 LBS. #53 K-155, \$4.95

KEY SELECTOR CONSISTS OF MANUAL CLOCK MECHANISM FOR SENDING 17 IMPULSES, CAN BE SET TO CALL ANYONE AT 78 STATIONS, SPST LEVER SWITCH 2x2x2 1/2; 4CS100.60A \$1.50

SYNCHRON CLOCK MECHANISM, No. 610 110 V. 60 CYCLE 13 WATT 1 RPM #EC-129RB, WITH GEAR ASSY, NO RESET OR COVER. 2x2x2 1/2; 4oz. \$1.35

SYNCHRONOUS MOTOR, 26 volt 60 cycle, 60 rpm, shaft 1/16, motor 1 1/2x2 1/2 #1147 \$2

MOTOR DRIVEN RELAY SPST norm. open 115 v. 60 Hz. 10 amps. cont. motor 115v 60 Hz. non. sync. 3.8 w. 4/5 rpm. Cams can be set to set to make cont 30 to 60 seconds. Also has provision to bring out a shaft. size 2 1/2x4x2, 1 lb. #N17R-68292 unused \$6.00

CRAMER TIMER SWITCH ASSY. MODEL TC-60SEC, 230 V 60 CYC, SWITCH 5 AMP. CONT. 3.8 W. 4/5 RPM MOTOR. \$1.95

THERMAL SWITCH opens 30 sec. after cooling. Operate 130 vac. 2m ohm res. 1 1/2x1 1/2; 20" leads. M-4199 \$1.50

AUDIO OSCILLATOR ASSEMBLY, originally in circuit with 2 6SJ7 tubes to produce 425 to 2295 Hz output in 12-steps of 170 Hz. Has 24/12 pf trimmers and 21 temperature compensating capacitors and resistors. Use as basis for homebrew oscillator. 5 1/2x5 1/2; 5 lbs. #OSC-DIV3499, \$6.95

AS-207/CRT-3 ASSY w/300' #16 strand braided cadmium alloy copper wire on RL-48 reel and crank; mounted to aluminum door w/adjustable brake and snap swivel. Part of CRT-3 transmitter antenna which attached to kite or balloon. 2x4 1/2 dia, 3 lbs. No door-damaged reels, 6.95 Wire only, \$4.95

HONEYWELL HUMIDIFIER CONTROL as used on home humidifiers. Plastic element tape senses 10%-70% humidity and closes normally open 120 VAC contacts depending on setting of variable control. Shaft 1 1/2 dia; o/a 1x 1 1/2x4 1/2. #H46B1150 NEW \$1.95

RECORDING TAPE
 MAGNETIC TAPE FOR MOST AUDIO RECORDERS, 10 1/2" REEL; 1" WIDTH APPROX. 3600 FT LEADING MANUFACTURERS. WT; 2 LB AST3045 \$1.50 4 FOR \$5

OVERHEAD LIGHT FIXTURE for RV van or trailer. Automotive double contact lamp socket for 6-12-24 VDC 25W max lamp; also 5 1/2x2 1/2 diffuser lens. Outer 8 1/2x5; fits in 7x3 1/2 x3 1/2. 4 lbs. #174-OL NEW \$4.

HEATING ELEMENTS
 ROUND HEATING ELEMENT, 6" OUTER DIA., 3 1/2" INNER DIA. 1/2" THICK. 118 VAC 500 WATT. NUT TERMINALS. #HSW-6, \$3.
 BRYANT STRIP HEATING ELEMENT, 120 VAC 150 watts; 1 1/2"W x 8"L including mounting flanges. 2 lbs sh. #6115-931-7883, NEW, \$2.95
 LOOP COIL TYPE, 9" LONG; 115 VAC 30 W. #83975, \$2.00
 DOUBLE "U" LOOP COIL, 3" HIGH. 115 VAC 1000 WATT. CHROMALOX #2111-2, \$2.50

LONG DURATION TIMER WITH 115V RESET RELAY. 115V 60 Hz 1/16 RPH MOTOR. CAM ACTUATES SPDT MICRO SWITCH. 3 1/2x2 1/2. UNUSED \$2.95

ILLUMINATED CLOCK MECHANISM AS USED ON CLOCK RADIOS. CLEAR PLASTIC FRONT TO TRANSMIT LIGHT, NO HANDS. HAS 60 MIN TIMER ALSO HAS ON-OFF-AUTO ALARM 2"sq FACE. 115V 60 HZ. SH WT 2 LB. UNUSED \$1.50

GEARS
 Gear box w/two pr beveled 45 gears and 20 other gears 1/2" to 1 1/2" dia on bronze bearings 4x7x4 1/2, 5 lbs #TUN/ARC45 \$5

AIRCRAFT COCKPIT EXTENSION LAMP #B-7; uses standard 2-con tact auto bulb w/5 1/2" spring retractable cord, dimmer, & ON-OFF sw. Plastic; 2 lbs \$5.95

TIMER SPRING WOUND TYPE closed when unit is wound, opens at the end of time. 30 minute 115 volt 20 amp. Lux#2500 \$3.95
 60 minute 120/240 vac 15 amp. Rhodes 65b \$4.50

MN-40 INDICATOR 0-360 DEGREE SCALE SIMILAR TO ABOVE EXCEPT THAT IT IS OPERATED MECHANICALLY BY USE OF A SPLINED FLEXIBLE SHAFT OR SPIN KNOB OR BOTH.
 MN-40 INDICATOR 5" \$2.50
 MC-124 SHAFT 20" \$1.50
 MC-137 SPIN KNOB \$1.00

PARTS GALORE
 TELETYPE PROGRAM SELECTOR part of an obsolete pay TV system which featured pre-recorded tape program review, coin deposit register mechanism, and audio amplifier-power supply with 4" speaker. Generates 8 Mhz signal to trigger mechanism and 35 Mhz video output. Tape magazine has recording head and plays 66' of 1/2" tape in continuous loop. Mechanism has 5 RPM Cramer 115 VAC motor plus other motor, gears, etc. Power supply output 150 VDC 100 ma and 6.3 V 3 amps. Tube line-up 3/6U8, 6BE6, 6BA8, and 12EH7. Cabinet 15x7x7, 21 lbs sh. Our bargain price is worth the tape magazine, coin mechanism, power supply, or tubes alone. NEW, \$6.95

VARIOMETER from ART-13 200-600 Khz and 2-18 Mhz transmitter. 2 1/2" dia rotor; 3" dia stator. O/a 4 1/2x5x3 1/2, 3 lbs. #L112/ART13, \$5.95

10-68/APA-44 AIR SPEED INDICATOR; CONTAINS A KOLLSMAN TRUE AIR SPEED METER AND A INDICATING WITH A RANGE OF 84 TO 434 KNOTS. HAS OSTER MOTOR AV-240, RELAY, 1/6AK5 TUBE, COMPENSATING DEVICE PLUS MANY OTHER COMPONENTS. 15x7 1/2x5; 20 LBS. USED \$15.

RHODES 60 SEC TIMER, times from 2 to 60 seconds; bell signals time elapsed. 3" dia plastic case; 1 lb sh. #56414, NEW, \$2.50 each.

M30 INSTRUMENT LIGHT, plugs into M44L & MBAL periscopes. Rheostat control, 22" cord, and uses 2-"D" batteries. 6 1/2x1 1/2, 2 lbs. Unused, \$4.

30 RPM MOTOR
 30 RPM GEARHEAD MOTOR, 24 VDC; Size: 2 1/2x1-3/8. Shaft: 3/8" x 1/8" dia. Hayden #K43121-P8. NEW, \$6.95

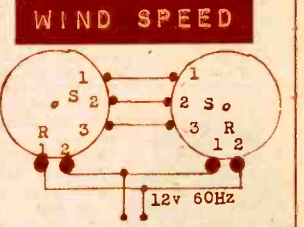
ID-65/ARN 5" dia RADIO COMPASS INDICATOR, 0-360 degree scale. 1" increments W/AY-54 auto syn; use in 9/79 **QST** antenna position project. 4 lbs. Used \$20.

MN-42C RADIO COMPASS INDICATOR 5" with dual azimuth dials two AY-1 auto syn. Used in aircraft that had two separate antenna loop systems. Used, \$23.

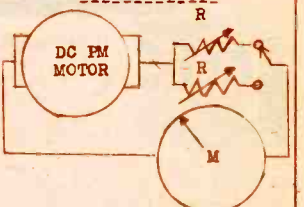
I-91(*) RADIO COMPASS INDICATOR 360 deg. sc. used w/ARN-6 sys. 3 1/2"x3". (can be used with wind direction system) used \$9.95 NEW \$14.95

3" DIA 0-360 INDICATORS, usable for **QST** antenna position project. I-81, 5 marks, used \$8.95 ID-637/ARN, 2 marks and VAR knob, unused, \$10.95

I-101 CROSSPOINT INDICATOR, 3" dia f/slidepath Good movements/broken glass \$3.



WIND DIRECTION INDICATOR using Oster 4123-10 selsyn listed on page 17. Design your own wind vane and indicator so that you can monitor wind direction from inside your house. Oster #4123-10 selsyn, \$4.



WIND SPEED INDICATOR using a 24 VDC FM motor as a generator, a 1 milliammeter and a resistor range so that wind speed can be monitored indoors. We will supply the FM motor and a 3 1/2" rd 0-1.0-50 scale (FS-1 ma) meter; you design the rest. #WS-MOTOR & METER, \$7.95

AY-1 AUTOSYN MOTOR AS USED IN I-81, I-82 ETC. DIRECT REPLACEMENT. \$5.95
 I-81 & I-82 ARMATURES ONLY #3H2716/A1, UNUSED, \$3.95
 I-82 GLASS ONLY, \$2.00

SMALL INVERTER SUPPLY



TRANSISTOR INVERTER POWER SUPPLY, input 24 VDC 500 ma; output 110 VDC 60 ma. Can be used to supply B+ for low power tube type receivers. Transformer has 286 VCT 70 ma secondary. Other uses possible with modification. Reduced output at lower input voltages. Schematic included.

3 1/2" x 2", 2 lbs sh. #522-1091-004, used-checked, \$9.95; used-defective \$4.95. DA-15S FLUG to fit above inverter, \$1.50 ea.

45 KW GENERATOR CONTROL

GENERATOR CONTROL PANEL, United Electric #EK3890 for 45 KW 208-416 VAC 50-60 Hz installation; 3/8" rd meters for 0-450 VAC, 0 to 125% full load, 0-60 KW, & 48-62 Hz (reed-type); also voltage, frequency, and governor adjust, AM-VM selector, On-Off Parallel Operation, AC Overvoltage Reset, and Field Flash Voltage button. 22 1/2" x 18 1/2" x 6 1/2", 56 lbs sh. Unused, \$125.00



NORTH ELECTRIC MODULAR POWER SUPPLIES, stable solid-state units removed from equipment. All 115 VAC 60 Hz input; outputs -5% to 40 centigrade. Appearance varies from picture; 20 lbs sh wt approx.

#N14003KA	3.7 VDC 14 amps	\$21.00
N14005A	5.0 VDC 13 amps	37.50
N64005A	5.0 VDC 28 amps	55.00
N11006A	6.0 VDC 3.5 amps	15.00
N15010A	10.0 VDC 16.5 amps	54.50

MODULAR POWER SUPPLIES for 19" wide rackmount. North Electric (N) or Lambda (L) manufacture; (MF) motor freight only shipping. Repairable:

#N17005A	5.0 VDC 49 amps	\$60.00
N18005A	5.0 VDC 82 amps (MF)	75.00
N18005AM	5 VDC 82 amps, metered	85.00
N19005A	5.0 VDC 120 amps (MF)	105.00
LMF-A-5	5.0 VDC 31.5 amps	60.00
LMF-A-20	20.0 VDC 16 amps	57.50

J-95/CRD-2 POWER CONTROL BOX for controlling and monitoring 115 or 230 VAC power circuits up to 500 watts. Consists of autotransformer w/10 step voltage control from 96 to 137 VAC and 240 VAC. Also features 3/4" round 11-reed 55-65 Hz line frequency meter, 3/8" round 0 to 150 VAC meter, 5 and 10 amp circuit breakers, and over-load relays. 14 1/2" x 14 1/2" x 13, 72 lbs sh. Used \$48.

TRANSISTORIZED



TRANSISTORIZED-REGULATED P.S. INPUT: 105-125 VAC 50/60 HZ. MOUNTED ON CIRCUIT BOARD, 4 1/2" x 5, WT: 3 LBS. UNUSED,

#CD12N.85 12 VDC .85 A. \$10.

THUNDER POWER SUPPLY, trans. reg. 3.7 VDC 750 MA f/115 VAC 60 Hz in. w/info to modify to 3-10 V 500 ma approx. 3 1/2" x 5 x 3, 5 lbs. NEW, \$8.



TRANSFORMER & DIODE ASSEMBLY with Signal 24-4 transformer which has two 12 V 4 amp secondaries. Also two 200 V 40 A diodes, two 300 V 25 A SCR's, and a P&B 120 V 50-60 Hz DPDT relay w/10 A contacts. W/schematic. 10 1/2" x 3 1/2" x 3 1/2", 8 lbs. #ASI-M912VPS, \$12.95

HI-CURRENT BRIDGES



#A9013AX4 1-0 DUAL PARALLEL BRIDGE ASSEMBLY, has eight diodes each 100 V 83.7 amps or 220 A if air-cooled, 4500 A surge 1 Hz. 7 1/2" x 18 1/2" x 9, 26 lbs sh. Used, \$39.50

#A9013CS1ED1 3-0 FULLWAVE CENTER TAP BRIDGE with 6-300V 83.7 amp diodes; 7 1/4" x 8 1/2", 21 lbs sh wt. Used, \$42.50

#5961-860-1165 (Collins #548-1278-00) THREE PHASE FULL WAVE BRIDGE, bridge rating 95 VDC max 290 amps max using six diodes. 6 1/2" x 12 1/2" x 8, 22 lbs sh. New \$40.



FP-68 VIBRATOR POWER SUPPLY, provides 100 to 110 VAC 60 Hz 15 or 50 watt output from 6 VDC 6/13 amps (15W/50W) or 12 VDC 3/6.5 amps (15W/50W). With 66" battery cable. 9 1/2" x 11 1/2" x 8 1/2", 34 lbs. Checked, \$22.95

MRC-66 DC TO DC SUPPLY

has two separate DC to DC transistor inverters operated by 24 VDC input: Output "R" -70 V bias, +100 VDC 20 ma, and +200 VDC 100 ma. Output "A" +200 VDC 150 ma 70 VDC (isolated +/-) 75 ma, and 6 VAC 5 amps. Inverters in separate boxes which can be removed and used independently. Also has 24 VDC control relays, Reg-Ohm regulator for 6 VAC, locking cabinet with cover & key, plug, and schematic. 9 1/2" x 6 1/2" x 16, 21 lbs. \$29.50



24 VDC 5.4 AMP POWER SUPPLY, input 105-125 VAC 50-60 Hz. 10x5x5 1/2; 17 lbs sh. Used. #OEM24N5.4-1, \$39.50

STACO 12 VDC 4 AMP

filtered power supply; solid state, 115 VAC 60 Hz input. 5x3x5 1/2, 7 lbs sh wt. #FPS-4 NEW \$12.95



12/24 VDC 22/11 A



CFP-2 POWER SUPPLY, output 12 VDC 22 amps or 24 VDC 11 amps. With mains and load control and output mode indicator lights. Input: 90-130 VAC 60 Hz. Size: 11x18 1/2" x 10 1/2", 90 lb sh wt. Used, \$65.00 Now \$45.00

DYNAMOTORS

TYPE	USED	RENEW	TYPE	USED	RENEW
DM-25	2.95	4.95	D-401	6.95	
DM-28	6.95		D-402	6.95	
DM-32	2.95	4.95	D-401 (SPEC)	8.95	
DM-32 (12 v)	4.95	9.95	DY-9	9.95	
DM-33 (WRITE AV)			DY-10	12.95	
DM-34	4.95		DY-17 no base	\$15.	
DM-35	20.00		DY-21	8.95	
DM-36	2.95	6.95	DY-22	9.95	
DM-37	13.00				
DM-40	5.95		DA-6A	8.95	
DM-41	5.95		DA-1F	11.00	
DM-42	15.00		DA-14	8.95	
DM-43	15.00				
DM-53	4.95		BD-77	19.95	
DM-53 (12V)	5.95		BD-83	8.95	
DM-64	7.95				

ADVISE US OF YOUR REQUIREMENTS OR WRITE FOR SPECS. PE-86 5.95, PE-98 8.95 (COMP), PE-98 4.95 (DYN), PE-94 9.95

CARTER MA-2503; INPUT 6 VDC 6.3 A. OUTPUT 250 VDC 30 MA. SIZE 3 1/2" x 5 x 3; WT. 6 LBS. USED \$4.95

41S14 F/COLLINS 618; INPUT 27.5VDC 22 AMPS. OUTPUT 650 VDC 550 MA. & 250 VDC @ 150 MA. SIZE 9x14 N \$15

DYNAMOTOR DM-35 INPUT 12 VDC @ 18.7 AMP. OUTPUT 625 VDC @ 225 MA SIZE: 4 1/2" x 4 1/2" x 8 1/2"; 13 LBS. UNUSED \$20

INVERTERS



EICOR INVERTER X3516-1 INPUT: 27.5 VDC 165 AMPS. OUTPUT: 115 VOLT 400 CYCLE 2500 V.A 1 PHASE SIZE: 16x11 1/2" x 8; WT: 75 LBS. EXCELLENT COND. \$49.50

PU-7 INVERTER

INPUT: 28 VDC 160 AMPS. OUTPUT: 115 VAC. 400 CYCLE 21.6 AMP. 1 PHASE SIZE 19 1/2" x 8 x 10 1/2; 100 LBS. PRICE: UNUSED \$49.50

5A513N3J INVERTER

INPUT: 26 VDC 100 AMPS. OUTPUT: 115 VAC 400 CYCLE 1500 VA 1 PHASE SIZE: 14x9 1/2" x 6; WT: 50 LBS. PRICE: UNUSED \$45.00

MG-149H INVERTER

INPUT: 24 VDC 36 A. 750 VA. OUTPUT: 115 V. 400 CYCLE 1 PHASE 500 VA & 26 V. 400 CYCLE 1 PHASE 250 VA. SIZE: 12x8 1/2" x 8; WT: 25 LBS. PRICE: GOV. RECOND. \$49.50

INVERTER

INPUT 27.5VDC 60A OUTPUT 115 v 400 CY 750 W 3 PHASE 26 v 400 CY 50 W 1 PHASE SIZE 11x10x6; WT: 40 LBS. LELAND#10285 used \$34.95

WINCHARGER

51S1 DYNA-MOTOR on 15x9 1/2 base. Input 26 VDC 22 amps; output 1500 VDC 200 ma and 330 VDC 100 ma. 44 lbs sh. Used, \$24. DYNAMOTORS from T-195 xmitter; 27 VDC input. Used. ***** #HV-DYN/T195, input 28 amps output 1000 VDC 500 ma; 8 1/2" x 4 dia, 15 lbs. \$32.50 #LV-DYN/T195, input 10 amps output 250 VDC 300 ma, -45 VDC 10 ma, and 115 VAC 30 VA 400 Hz. 8 1/2" x 3 d. \$25.

JACK & HEINTZ

F-132 INVERTER

INPUT 27.5 VDC @ 100 AMPS. OUTPUT 115 v. 400 CYCLE 1500 VA 3 PHASE SIZE: 16 x 11 x 7; WT: 55 LBS PRICE: USED \$75.00

F-147 INVERTER

INPUT 27.5 VDC @ 180 AMPS. OUTPUT 115 v. 400 CYCLE 2500 VA 1 PHASE SIZE 18x11x7; WT: 45 lbs PRICE: USED \$75.00



JACK & HEINTZ INVERTER #AN-3532-2 INPUT 27.5 VDC @ 20 AMPS. OUTPUT 115 VOLT 400 CYCLE, 3 PHASE, 250VA VOLTAGE REGULATED. SIZE: 12x7 1/2" x 4 1/2; WT: 20 LBS. FED#6125-617-0967 Used, \$18.95

1000 VDC 350 MA

BD-77 DYNAMOTOR; INPUT: 14 VDC 39 AMPS. OUTPUT: 1000 VDC 350 MA. SIZE: 11x10x6 1/2 SHPG. WT: 40 LBS. \$19.95

PE-73 DYNAMOTOR; SAME AS BD-77, BUT WITH 28 VDC 19 AMP INPUT, RECOND. \$30.00



DM-42 DYNAMOTOR; INPUT: 12 VDC 39 AMPS. OUTPUT: 1030 AND 515 VDC @ 215 MA. 7x7x11; 42 LB. RECOND. \$15.

VIBRATOR POWER SUPPLY

USED WITH AN/PIP-1A PUBLIC ADDRESS SYSTEM. INPUT: 5.2 to 6.2 DC VOLTS; OUTPUT: 300 VDC 60MA, 50 VAC. SIZE: 4 1/2" x 3 1/2" x 2 1/2" 3 LBS #H17VD-11077 NEW \$5.95

PE-104 POWER CONVERTER.

6 or 12 vdc INPUT, OUTPUT 90 vdc, 1 1/2 vdc and -45 vdc. SIZE: 4x4x7; WT: 10 LBS. NEW \$3.95 w/EXTRA VIB. \$4.95

PP-855/PRC-14 VIBRATOR POWER

SUPPLY WITH FILTER NETWORK. 6 VOLTS DC INPUT, 5.35 AMP OUTPUT 135 vdc @ 155 MA. SIZE: 7 1/2" x 2 1/2" x 2 1/2; WT: 3 LBS. NEW \$4.95

PP-1234/T

115/230 VAC POWER SUPPLY for URM-32 freq. meter; output 180 VDC 20 ma, 6.3 VAC 1.1 amp. Xformer 460 VCT 20 ma, 6.3 V 1.25 A.; Choke dual 20 Hy 20 ma. W/6X4 tube. 12x3 1/2" x 1 1/2 lbs sh wt. Used, \$14.95

HIGH VOLTAGE

ACE HIGH VOLTAGE POWER SUPPLY; OUTPUT: 3000 VDC 50 UA APPROX. INPUT: 115 V. 60 HZ. Uses TWO 1B3 RECTIFIER TUBES. WITH MOUNTING FLANGE. SIZE: 6x7x2; SHPG. WT: 8 LBS. UNUSED. #ACE-HV3000, \$5.95 SPECIAL!! 2 for \$10.00



BELL SYSTEM POWER SUPPLY 105-130 VOLT 60 HZ. OUTPUT 18VDC .6 AMP 20VDC 1.0 " 9VAC 2.8 AMP & 18VAC 1.4 AMP. FUSED & AC CORD. SIZE: 8 1/2" x 4 1/2" x 8 1/2; WT: 22LB #J86731A USED \$6.75

PP-18 CONVERTER 12 VDC 4 AMP TO 24 VDC 1.5 AMP. PARALLEL FOR MORE CURRENT. WITH VIBRATOR ALSO PLUG SIZE: 6 1/2" x 5 1/2" x 8 1/2; WT: 10 LBS. NEW \$4.95

TUBE SOCKETS



4X150 SOCKET PAIR f/
T-195 xmitter modltr
4x3x2 1/2, #1195/4X150
Removed, \$12. \$10.

4-125A
4-400A



CERAMIC SOCKET,
2-7/8" square; re-
moved from equip-
ment. JOHNSON 275 \$6.50 each;
CHLMEYS for SK600/610 or 124-
110 (4X150/4CX250); used.
#SK608/124-111, \$3.00 ea. 2/\$5.

OCTAL MOULDED 2 HOLE MTG. \$.35
" " RING " .35
" CERAMIC (SPECIFV) .60
LOCTAL MOULDED 2 HOLE .35
CERAMIC TYPES 4,5,6 & 7
CONTACTS STANDARD SIZES .65
MOULDED TYPES 4,5,6 & 7
CONTACTS, STANDARD SIZES .45
MINIATURE MOULDED 7 & 9 .35
" CERAMIC 7 & 9 .50
SHIELDS FOR MINIATURE TUBE .40

GIANT 4 CONTACT CERAMIC FOR
211/VT-4C, 872 ETC.
GE#ML7461594-GI used .49
GIANT 4 CONTACT CERAMIC FOR
715, 718 ETC. JOHNSON 234 TYPE
STK.#227684.98 UNUSED \$1.25
CERAMIC FOR 829 ETC. used 1.25
" " 832 ETC. used 1.25

" 811/866 " used 1.25

JOHNSON CERAMIC SOCKETS, unused
#214 for 750TL/1500T etc \$2.
#244 for 8008 etc. \$2.00
#247 for 829B, 7094 \$2.00
#124-220-1 for 891R; 10xHx
8" dia; 20 lbs sh. \$45.00
#122-101-207 for 826/832/
4D32; VHF septar, \$4.00
#124-0113 SCREEN GRID BYPASS
for 4X150/4CX250; 2000 pf, \$3.

TERMINAL BLOCKS--TELEPHONE TYPE
#TT4X10F4A, 4 rows
ten terminals each;
total 40. Size:
3 1/2 x 3 1/2; unused \$4.25
WE 4x10, used \$2.25
#660069, 3 rows
26 removable ter-
minals; 78 total. 7x2 1/2 x 3 \$4.50



WE 2-rows 25-term; used \$2.
4E9865 40-term, flat mt. \$2.
879-9661 3 rows of 30 terminals
one side wire wrap.
size 8-7/8x2-3/4x1-3/4 \$3.50

AIRCRAFT STYLE TERMINAL STRIPS
AN-3436-2-6 6 term. 4x7/8x11/16
6-32 studs on 19/32 centers .55
AN-3436-2-9 9 term 6x7/8x11/16
6-32 studs on 19/32 centers .75

AN-3436-4-10/10 term. 7-7/8x1x1
10-32 studs on 3/4 centers .80
AN-3436-4-16/10 term. 12x1x1
10-32 studs on 3/4 centers \$1.25

5BK-22 80X Consists of 3 AN-3436
terminal strips 13 term. each &
2 AN-3436 9 term. ea. The 10/32
studs extend thru. the phenolic
board and have solder terminals.
Board size 5 1/2x8 1/2x2, 4lbs \$2.75

TERMINAL STRIPS WITH CLIPPED WIRE
BARRIER TERM. STRIPS AVAILABLE,
3/4, 1 & 1 1/2" WIDTHS, 2 TO 16 TERM.
INALS. TWO TERMINAL 20¢ EA. EACH
ADDITIONAL TERMINAL 3¢. WE WILL
SHIP CLOSEST TO YOUR ORDER.

HEAVY DUTY TERMINAL STRIPS.
APPROX. 2" WIDE.
6 TERM. 4x1 1/2 \$1.50 12 TERM. WITH
8 " 6 " 2.00 SCREW DOWN
12 " 8 1/2 " 3.00 HOLDER TYPE \$4

Capacitors



3500 VDC
55.3 MFD
10x4 1/2x3 1/2;
11 lbs sh.
#4W3081,
NEW, \$25.
6/\$130.
Oil capac-
itors, re-
moved from equipment:

MFD	VDC	SIZE	PRICE
4	400	2 1/2x4x1	\$.75
2	600	2 1/2x2 1/2x1	.75
4	600	3 1/2x2 1/2x1 1/2	.95
6	600	4 1/2x2 1/2x1 1/2	1.20
7	600	4x4x2	1.35
10	600	5 1/2x3 1/2x1 1/2	1.65
1.5	1000	4x1 1/2x1	.85
2	1000	4x1 1/2x1	.95
4	1000	4 1/2x2 1/2x1 1/2	1.35
Dual: 15 mf 1000 V/6 mf			
600	VDC	4 1/2x2 1/2x3 1/2	2.25
2	1500	4x2 1/2x1 1/2	1.15
4	1500	4x3 1/2x1 1/2	1.95
8	1500	5 1/2x3 1/2x2 1/2	3.50
10	1500	5 1/2x3 1/2x3	4.00
4	2000	5x3 1/2x2 1/2	4.00
12	2000	7x4 1/2x3 1/2	12.00
0.6	3000	6x2 1/2x1 1/2	1.25
1	3000	4 1/2x3 1/2x2 1/2	1.25
2	3000	5 1/2x3 1/2x3 1/2	2.00
1	4000	7x3 1/2x1 1/2	2.50
2	4000	5 1/2x3 1/2x1 1/2	5.29
2	4000	7x4 1/2x3 1/2	4.75
4	4000	10 1/2x4 1/2x3 1/2	9.50
2x0.1	4500	5 1/2x3 1/2x1 1/2	1.50
2	7500	14x12 1/2x4 1/2	\$14.

HI-VOLTAGE AVAILABLE-write.

COMPUTER GRADE

MFD	VDC	SIZE	PRICE
24000	3	4x3	\$.75
25000	7	5 1/2x1 1/2	.60
Bank of five 2.25			
61000	10	4x2 1/2	1.50
150000	10	5x3	3.25
28000	15	4 1/2x2	2.00**
73000	15	4 1/2x3	3.00
5200	20	3 1/2x1-3/8	1.25**
40000	20	4 1/2x2 1/2	2.75**
52000	20	6x3	2.85**
18000	25	4 1/2x2	2.00**
16500	30	4x3	2.00
25000	30	4 1/2x3	2.25
54000	30	6x3	4.00
18000	35	4x3	2.50
25000	35	4x2 1/2	2.75
37500	35	6x3	3.75
9400	40	4 1/2x1 1/2	2.00
30000	40	4 1/2x3	3.00
51000	40	4 1/2x3	4.25**
76000	40	5x3	4.75
1000	50	3 1/2x1 1/2	1.80**
23200	50	4x3	3.25**
3500	55	4x3	2.00**
20000	55	5 1/2x3	3.25**
13500	60	4x3	3.00**
30000	60	6x3	5.00
950	75	4x3	2.00
15600	75	4 1/2x2 1/2	4.50
16800	75	4 1/2x2 1/2	4.75
1400	99	4x2 dents	1.00**
4200	100	4 1/2x1 1/2	3.50
900	165	4x2 dents	1.00**
1250	180	4 1/2x2 1/2	3.00**
500	200	4x2 NEW	2.25
500	200	4x2 used	1.25
200	250	3 1/2x1 1/2	1.00
1000	350	4x2 1/2	3.75
5200	200	6x3	7.50

** marked, take 25% off.
BUY 5 COMPUTER GRADES OF
SAME rating, take 20% off.

PHOTO FLASH TYPE, 600 mfd
360 VDC, 3x1 1/2 \$2.25 5/\$10.
MICA CAPAC- MFD WVDC CM
ITORS used .01 600 55
in RF power .02 600 55
circuits. .022 1200 60
JAN CM-size .0004 2500 55
less than .006 2500 55
1 1/2x1-3/8 .016 2500 60
\$1.25; 5/\$5. 35 pf 3500 55
.01 1200 45

COMPUTER GRADE ASSORTMENT,
10 capacitors in ranges 5-
50 VDC 1K-50K mfd; takeouts
Approx 10 lbs, \$6.00

ROTARY SWITCHES

1-POLE 17-POSITION, 2 1/2" dia
bakelite; 3/8x1 1/2" dia shaft.
CRL #PA3001 NEW \$1.95; 2/\$3

ROTARY SWITCH, 2-DECK. ONE
4PDT MOMENTARY BOTH SIDES;
OTHER 2PDT MOM. B.S. AND
1PST MOM. 1-3/8" DIA.; CER-
AMIC. #329825-20, \$1.00
MINI-ROTARY, 1-pole 3-pos.
shorting, 1" dia; 1/8" dia
shaft. No hardware.
#LED-M13-S, unused, 75¢

THUMB-WHEEL WAFER
SWITCH, 18 POSIT-
ION, NUMBERED, 2
HOLE MTG. HORIZON
TAL OR VERTICAL,
2 1/2x3/8" # 960 NEW \$1.25
SAME AS ABOVE 10 POSITION
2 1/2x3/8" #980 NEW \$.75

2-DECK 5-POS w/OFF-ON swit-
ch 2/SPST 8 A .425 V. 2x
1 1/2, 1" d shft. #2D5PSW \$3.

MALLORY NON-SHORTING TYPES:
#32B4J 3-circuit 4-pos \$1.
#3243J 4-okt, 3-pos., \$1.10

ANTENNA COUPLING
SWITCH, 6-posi-
tion, 1-pole.
2-3/8" dia. Cer-
amic, bar knob.
Removed, \$3.95

Rotary switch one deck 17-
position, one tie deck. 1 1/2"
x1. silver pl. SW-249 \$2
1-POLE 12-POS non-shorting;
1 1/2" dia X 2" lg shaft.
Mallory #32112J NEW \$1.25

DAVEN SWITCH

18-POSITION, CON-
TINUOUS TURN, 2"
dia. Zinc-silver
contacts. 3/8x1 1/2" dia
shft. #329825-92.2
Unused, \$3.00

Miniature tap switch 1 pole
7-position rated 1 amp.
1x1 1/2". Grayhill 7 pos. \$2.00

CERAMIC TWO DECK, 1-pole 4-
position/deck (90 throw);
2x1 1/2" dia shaft, 1 1/2" dia
wafers. #83-2-1P4P, \$1.75

Ceramic 5 pole 3-position,
2 deck rotary 2x1 1/2". used
He-moved S-602/13 \$1.50

Ceramic 1 pole 12-position
rotary sw. 1 1/2" dia. w/stop.
re-moved S-601/13 \$2.00

3-DECK 1-POLE 11-POSITION/
deck; 1-3/8" dia bakelite
wafers, 1/2" dia shaft. #5930-
544-2513, unused, \$2.95

DUAL CONTROL SWITCH, 1/2" dia
outer shaft switches 1-pole
4-position rotary; 1/8" dia
inner shaft adjusts 50K ohm
pot w/on-off. #5540 NEW \$2.

ANTENNA CIRCUIT SWITCH
100 WATT
3/8 MAKE
3/8 BREAK
Size:
4 1/2x2 1/2 IN.
#329626
\$2.50

DAVEN SR-14
SERIES D
5-deck 24-
position ea-
rotary switch,
2 1/2" square decks with gold
flashed contacts and bind-
ing posts. 5/8x1 1/2" dia shft
o/a 6 1/2" lg. #7873 NEW \$12.

Parts Kits

DISC CERAMIC
CONDENSERS
33 ASST.
15MFD-.01MFD.
Good Value
\$1.25 a KIT

HARDWARE ASSORTMENT
From electronic e-
quipment such as
washers, screws, ri-
vets, nuts, termi-
nals; 2 lbs \$2.00

MICA
CONDENSERS
25 ASST.
10 MFD To
6800 MMFD.
\$1.00 a KIT

TRIMMER
CONDENSERS
25 ASST.
3 to 280MFD
WIDE RANGE
\$1.00 KIT.

PRECISION
RESISTORS
25 asst. on
boards. Car-
bon or wire
wound 1%
\$1.50/kit

RESISTORS
WIREWOUND
25 ASST.
5 to 20
Watt.Wide
range of values some
tapped.25 ASST \$1.00

VOLUME
CONTROLS
10 ASST.
Popular
Values
\$1.00

TUBE
SOCKETS
20 ASST.
Octals
Loctals
Minatures
Wafers etc
\$1.00

PILOT
LIGHT
SOCKETS
25 ASST
Bayonet
Screw etc.
\$1.00

TERMINAL
STRIPS, Tie lug
strips, ASST
types, 25 for
\$1.00

TERMINAL
LUGS, ring
spade, crimp
types. Wide
variety of
sizes for all uses in
clear plastic box,
APPROX. 200 Pcs. \$2.00

ROTARY WAFER SWITCH
six different types
Multi-decks and
contacts \$1.25

BATHUB CONDENSERS
KIT .1 to 1 mfd up
to 600 VDC. Vari-
ous types 10/\$1.

MORE CAPACITORS
Polystyrene 100/\$15:
.01 uf 200 V, 4/\$1.
.009 uf 500 V, 4/\$1
Mylar types:
.022 uf 100 V, 4/\$1.
0.33 uf 400 V, 5/\$2.

AC CAPACITORS

MFD	VAC	SIZE	PRICE
4	220	4 1/2x1 1/2x1	\$1.00
14	220	4x2x1 1/2	2.25
47-58	220	4 1/2x2 dia	2.25
3.9	330	4x2x1	1.00
4	330	6x2 1/2 dia	1.00
7	330	3 1/2x3 1/2x1 1/2	1.35
17.5	330	5 1/2x2 1/2x1 1/2	2.50
12.5	360	4-3/8x2 1/2x2	2.00
2	440	2x2x1 1/2	1.00
25	440	6 1/2x3 1/2x2	4.00
48	480	10 1/2x4 1/2x3 1/2	8.00
21	525	6 1/2x3 1/2x1 1/2	4.00
18	600	4 1/2x4x2 1/2	4.00
4	660	3 1/2x3x2	1.25
6	660	5x3 1/2x1 1/2	1.50
12	330	5x2 1/2 dia	2.00
1.3	950	5 1/2x4x1 1/2	3/1.00
.05	2500	2 1/2x2x1	.65
1.3	4000	8 1/2x4x3 1/2	4.00

ELECTROLYTIC (E)/PAPER (P)
6800uf 16 V axial (E) 4/\$1
450 uf 25 VDC (E) 50¢ 5/\$2
1000 uf 25 V axial (E) 50¢
1500 uf 63 V axial (E) 75¢
40-40 uf 150 V (P), 2/\$1.
50-50 uf 150 V (E), 45¢
80-40-20 uf 150 V (P) 2/\$1
250uf 150 V axial (E) 2/\$1
25-25 uf 200 V (E), 45¢
50-50-50 uf 200 V (E) 65¢
140 uf 300 V axial (P) 85¢
120 uf 350 VDC (E), 95¢

160-240-240-5 mf 200 VDC
case ground; (E), \$1.00
1 KV DISCS: 7/\$1. 1C/\$6.
UF: .0001 .0002 .002
3 KV DISCS: 5/\$1. 1C/\$12.
UF: .00009 .00025
TANTALUMS, 35 VDC PGB-typ
4.7 or 6.8 uf 4/31 1C/\$20
40 uf 25 V, 2x3/8, 2/\$1.
47 uf 20 V, 2 1/2, 45¢
20 uf 50 V, 1 1/2x3/8, 2/\$1.

RESISTORS

3/5 W, 20¢ EA; 10/25 W, 30¢
0.33 Ohm 11 watt WW Dale
0.5 " 10 " " "
2.0 " 10 " " "
2.43 " 3 " " "
10 " 8 " " 30¢
34 " 5 " " "
70 " 5 " " "
100 " 5 " " "

BLEEDER RESISTORS

3900 " 25 " , FERRULE
1000 " 25 " , WW
15K " 10 " , "
15K " 3 " , "
100K " 3 " , CERAMIC

1.6 OHM 220 W, 5%, \$1.50
0.05 " 105 W, 5%, 4x1, \$1.
PRECISION RESISTORS
5K OHMS + WATT, 0.1%, 60¢
7.5K OHMS, 0.333 WATT,
0.25%, WIREWOUND, 40¢ EA.
28K OHMS 1/2 WATT, 0.05%,
WIREWOUND, 40¢ EA.
55 MEGOHMS, 10 WATT, 1%,
DALE WIREWOUND, \$1.00 EA.

DALE PRECISION POWER RES.
100 WATT (3 1/2x3 1/2) IN VAL-
UES: 45n (3%), 120n (1%),
450n (1%), 1400n (1%), \$2.50
250 WATT (4 1/2x3 1/2) IN VAL-
UES: 600n (1%), \$3.00

25 OHMS 100 W 5% Dale \$1.50
1 OHM 130 W, 5% Dale, \$2.25
6.8 OHMS 220 W, 10%, \$1.75
260 ohms 5 watt 1%, 3/\$1.
4K ohms 3 watt, 1% 2/\$1.00
10K ohms 150W, 6x1 1/2, \$1.75
75 ohms 50 W, 5%, 4x5/8 \$1.
SLIDER VARIABLE WW RESISTOR
15 ohm 35 watt, 10%, \$1.00
10 ohm 75 watt Ohmite \$1.50


MINIMUM ORDER \$5.00

HIGH VOLTAGE TRANSFORMERS

PRI	HZ	SECONDARY	SIZE	WT	STOCK #	PRICE
117v	60Hz	375v 40MA 2/6.3	.6A	2 1/2 x 4 x 2 1/2	4LB #24003	\$3.95
105/115/125	780	VCT 65 ma	5 1/2 x 5 1/2 x 4 1/2	15	#A3499	\$5.95
200/225/250	60 Hz	6.3 VCT 4 A, 5 V 2 A				
115	60	350 ct/26 ma	2 1/2 x 3 1/2 x 3	4	647-6762	3.95
115	60	1470 VCT 126 ma	5 1/2 x 4 1/2 x 4 1/2	16	#556-9885	\$14.95
115v	60Hz	810v 220ma	4 x 3 1/2 x 4 1/2	6 lbs	#3252	\$ 9.95
115	60	110v/100MA, 50VCT	4 1/2 x 3 1/2 x 3 1/2	10	KAL#2334	6.95
115	60	600 VCT 60 ma	2 1/2 x 4 x 2 1/2	8 lbs	#1831	5.95
115	50-	550 VCT 12 ma	2 1/2 x 4 x 2 1/2	5 lbs	#37711	3.95
108/115/	700	VCT 50 ma	3 1/2 x 5 x 3 1/2	11 lbs	#12314	5.95
121 VAC	60 Hz	5 V 2 A, 6.3 VCT 3.5 A				
115	60	820 VCT 120 ma	4 1/2 x 4 1/2 x 4	10	#7629831	6.95
115	60	1000 VCT 220 ma	5 1/2 x 4 1/2 x 4	20	#T1/610	\$10.95
120	60	6.4/1A 3/6.4, 3A	2 1/2 x 3 x 2	1	645-0612	2.25
115	60	27v4.3A/2.6v3A	5x5x5	15	D161915	9.95
115/60Hz	360Vtaps/7/332/346v	125MA 228v.015				
115/230	60	175 V 85 ma	2 1/2 x 4 1/2 x 2 1/2	5	#29612-382	4.95
115/230 V	800	VCT 120 MA; 5x5 1/2 x 4 1/2	20	KS-9779	6.95	
115/60Hz	700	VCT .050A 5v3A	4 1/2 x 3 1/2 x 3	9	LBS#TFIA03Y	\$3.95
115 V 60 Hz	650	VCT 20 MA; 3 1/2 x 2 1/2 x 4 1/2	10	#8734	\$2.95	
115	60	6760 V 60 ma	1 1/2 x 8 x 6	35	#1000A-358	\$25.
115v	60Hz	110v @ 30ma	3 1/2 x 2 1/2 x 2 1/2	31 lbs	#5569	\$3.95
115	60	2000 VCT 500 ma	7x5 1/2 x 5	32	#HW-201P	32.50
115/230	660ct/60MA	RD3 1/2 x 4 1/2	8	229608-110	5.95	
115	60	700 VCT 70 ma	4x3 1/2 x 4	6	#T52960	\$5.95
208/230	940	VCT 600 ma	7x8 1/2 x 6	39	#234-0035	\$14.95

LOW VOLTAGE TRANSFORMERS

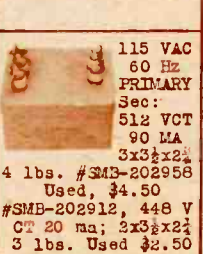
PRI	HZ	SECONDARY	SIZE	WT	STOCK #	PRICE
115v	60Hz	6v/1A 45vct/.5A	3x2 1/2 x 2 1/2	2lb	#1461312	\$2.95
115	60	6 VCT 1.5 amp	2 1/2 x 2 1/2 x 2 1/2	3	#518-3847	3.50
115v	60Hz	6.3v@15a/two	5 1/2 x 4 x 3 1/2	11 lbs	#4094	\$20.00
117v	60Hz	55v @ 60ma	3 1/2 x 2 1/2 x 2 1/2	41b	5950-8419	\$2.95
115	60	2 1/2 V 3 amp	4 1/2 x 4 1/2 x 2 1/2	5	#2-5V3A	\$4.50
115v	60Hz	6.5vct@24a/	6x5x4 1/2	20	#647-6219	\$9.95
220v	60Hz	2.5vct@6a	4 1/2 x 3 1/2 x 3 1/2	9	THER-8708	\$3.95
115	60	6.5 VCT 11 A, 6.5 VCT 6.2 A, 5.2 VCT 4.4 A, 6.5 V 7.8 A				
115	60	24 VCT 50 VA	2 1/2 x 3 x 2	3	#BXL1269001	\$5.50
115	50-400	34/2.7 A	4 1/2 x 4 1/2 x 4	14	853-6026	\$4.50
115	50/60	51 @ 1.5 A	RD.4x2 1/2	6	869-2849	\$4.95
120v	6	3/6.3vct .6A	2 1/2 x 3 1/2 x 2 1/2	1lb	TFIA01YY	\$2.95
117	60	31v@3.27A, 15.5v	3 1/2 x 4 1/2 x 4 1/2	10	5950-9195	\$3.95
215 V 60 Hz	2.5	VCT 10 A.; 4 1/2 x 3 1/2 x 3 1/2	12, #2253	\$2.95		



AUTOTRANSFORMER
UTC #R-44
220/240 V
to 110/
120 V 50/
60 Hz 250W on box
w/4-breakers, re-
lay, flange mount.
0/a 6 1/2 x 10 1/2 x 4 1/2, \$9.



PRI: 115 V 60CYC
SEC: 850CT 280MA
280CT 10MA
5 V 5 A.
6.3 V 600MA
36 V 5 A.
5 1/2 x 5 1/2 x 7 1/2; 28 LBS.
#5950-646-3943
\$6.95



115 VAC
60 Hz
PRIMARY
SEC:
512 VCT
90 MA
3x3 1/2 x 2 1/2
4 lbs. #3MB-202958
Used, \$4.50
#SMB-202912, 448 V
CT 20 ma; 3x3 1/2 x 2 1/2
3 lbs. Used \$2.50

Pri: 115 VAC 60 Hz
Sec: 375 VCT 90 ma
2.5 V 10 amps
5 V 2 amps
6.3 VCT 10 A
2.5 V 10 amps
5x4 1/2 x 3 1/2, 10 lbs sh
#TFLRX03YY/141 \$7.

Pri: 115v50/60Hz
Sec: 1860vct @
130 ma. 1500 wv
5 1/2 x 4 1/2 x 4 1/2; 18 lb
#SMB202-909 \$15

Pri: 115v50/60Hz
Sec: 2340 vct @
245 ma. 3940 wv
350 v. @ .016A.
7 1/2 x 5 x 6 1/2; 35 lbs.
#SMB202-907 \$20

Pri: 115 V 60 Hz
Sec: 1120 VCT 40C
ma, 950 VCT 150
ma. 6 1/2 x 5 1/2 x 8,
38 lbs. #TRC-29/
#SMB-20291 \$16.95

POWER SUPPLY TYPE
115 VAC
60 Hz
primaries
Unused

#BXL2696: 18 V 1.5
amp, 19 V 2.5 A,
10 V 4 A; 3x4x3 1/2,
7 lbs sh. \$4.95
10 for \$45.00

#PT-09: 48 VCT 2.5
amps; 3 1/2 x 3 1/2 x 3,
6
lbs sh. \$5.95

#PT-1602: 78 VCT 3
A; 3 1/2 x 4 1/2 x 3 1/2,
10 lb
\$6.95 ea; 10/\$64.

#023-1967: 70 VCT
5 A; 4 1/2 x 4 1/2 x 3 1/2,
12
lbs. \$7.95 each

#EMC-56: 50 VCT 3A
3 1/2 x 3 1/2 x 4, 8 lbs.
\$5.95 ea; 10/\$54.

10V. 75 A

Pri: 220 VAC 60Hz
Sec: 10 vct 75A.
Requires 6 mfd
capacitor 660 AC
6 1/2 x 4 1/2 x 5 1/2; 24 lbs.
#1166114781 \$18.95

Pri: 115v
60 cyc
Sec: 2 v.
30 AMP
3x3x4; 4Lb
5950-829-8618 \$2.95

FOR RA-62 RECTIF.
USED TO POWER
SCR-522 REC-TRANS
PRI: 110/220 VOLT
40-60 CYCLE
Sec: DC VOLTAGES
300 @ 230 MA
BIAS 150 @ 8 "
13.4 @ 3.9 A.
6x5 1/2 x 8; 30 LBS.
#3340-296-862-192
PRICE: \$7.95

Pri: 115 VAC 60 Hz
500 VCT 80 ma
24 VCT 2 amps
6.3 V 3 amps
2 1/2 x 3 1/2 x 2 1/2, 4 lbs sh

ART-13 MODULATION

ART-13 MODULATION
TRANSFORMER 50 WATT
300-4000 RESPONSE
± 208, PRI. TO SEC.
1; 1/.695, PRI. TO
SEC. 2. 1/.254, Z
PRI. 15000 Z SEC.1
7300, TEST 4000 V.
4 1/2 x 3 1/2 x 2 1/2; 4 LBS.
COLLINS#677N252
RE-MOVED \$3.95

PRI: 115 v. 50/60
SEC: 3/17 v. 5 AMP
28 v. 10 "

WITH CAPACITOR
REQ. VENTILATION
4 1/2 x 5 1/2 x 7 1/2; 20 LBS.
GE- 9791A4074
\$11.95

PRI: 115 v. 50/60
SEC: 100 vct 1.5A
20 " 3.0A
2/20 v. 3.0A
35 v. 5.0A

WITH CAPACITOR
GE-9791A4069
REQ. VENTILATION
5 1/2 x 6 1/2 x 7 1/2; 23 LBS.
\$7.95

Pri: 115/230 VAC
50-60 Hz
Sec: (12 V 14 A.
by wiring 12 V
secondaries in
parallel) or
12 V 9 A, 12 V
3.2 A, 12 V 2
amps; also 44 V
2.5 amps.
5 1/2 x 4 1/2 x 4 1/2; 22 lbs
#P-601719, \$7.95

22 VCT 75 A

PRI: 115 VAC
60 Hz
SEC: 22 VCT
75 AMPS
5 1/2 x 6 1/2 x 6 1/2; SM
WT: 46 LBS.
#NCR8318001, \$35.00

24 VCT

CHARGER TRANSFORMER,
230 VAC 60 Hz primary
with 8-taps to produce
12 to 40 VCT 50 A sec-
ondary; usable on 115
VAC input with reduced
output. 5 1/2 x 6 1/2 x 6 1/2,
33
lbs. #XT-885/240 \$32.

Pri: 115 VAC 60 Hz
Sec: 24 VCT 50 amps
5 1/2 x 6 1/2 x 5 1/2, 28 lbs sh.
#RAY3001, NEW, \$36.95

100 WATT MODULATION TRANSFORMER

RESPONSE 200 to 5000
PRI: 7000 SEC: 7000
F/B-191/375 TRANS.
Size 3x4x5 WT. 5 1/2 lbs.
stock # 206191/T1
Price \$3.95

100 WATT
MODULATION
TRANSFORMER
PRI: 7500 OHM CT
30,000 "
SEC: 3000 OHM
35W 200 MADC
600 CT. 1 W
RMS TEST
1, 2, 3 500 V.
OTHERS 2500 V.
200-3500 CPS.
4 1/2 x 4 1/2 x 4 1/2; 11LBS
#5950-646-3092
PRICE: \$4.95

FAIR XK-108 XFORMER

Pri: 115 VAC 60 Hz
500 VCT 80 ma
24 VCT 2 amps
6.3 V 3 amps
2 1/2 x 3 1/2 x 2 1/2, 4 lbs sh

Made for ARC-5,
ARC-type 12,
BG-639, R-174,
& other receiver-
ers. NEW \$12.95

TRANSFORMERS LISTED BELOW HAVE 115 VOLT
60 HZ PRIMARIES UNLESS OTHERWISE STATED

Sec: 18 V 5.4 A, 26 V
1 A, 6 V 900 ma, 25 V
500 ma, 35-10-0-10-35
V 5 A. 4 1/2 x 4 1/2 x 4 1/2, 16 lb
#401-21 unused \$8.95

Sec: 40v. 2.5A/6.3v 1.5A
3 1/2 x 3 1/2 x 5 1/2; 10 LBS.
#43278 \$4.95

Sec: 250 V tapped 50
V 120 ma, 4 KV test.
4x6 1/2 x 3 1/2, 9 lbs sh.
#BP-18587 used \$6.95

Sec: 30 vct 560 ma 40
vct 450 ma 2 1/2 x 2 1/2 x 2 1/2; 2
lbs. #401-6 \$3.00

Sec: 450 vct 250 MA.
40 vct 1 A. 2/6 v 1 A.
SIZE: 3 1/2 x 3 1/2 x 4 1/2; 9 LBS.
URC#702-704-00 \$6.95

Sec: 50v@100MA/3v@100
MA/40v@1.5A/40v@200MA
SIZE: 2 1/2 x 2 1/2 x 2 1/2; 2 LBS.
URC#372993-1 \$3.95

Pri: 105/115/125V 60Hz
Sec: 285/300/315 V @
300 ma & @ 150 ma. 4x
6x4 1/2 15 lbs. RA342 \$6.

Sec: 40 vct 1 A.
SIZE: 3 1/2 x 1 1/2 x 2; 1 1/2 LBS.
URC#56000 \$2.95

Sec: 24v2A/6.3@100MA
24@100MA. SIZE: 3 1/2 x 3 x 3
4 LB. URC-LT-646 \$4.95

Sec: 30 vct 200 MA.
45 vct 100 MA 2.5v30MA
SIZE: 2 1/2 x 1 1/2 x 2; 1 LB.
URC#374501-1 \$2.95

22 VCT 75 A

PRI: 115 VAC
60 Hz
SEC: 22 VCT
75 AMPS
5 1/2 x 6 1/2 x 6 1/2; SM
WT: 46 LBS.
#NCR8318001, \$35.00

2/28 VCT 8 A

Pri: 2/115 VAC 60 Hz
Sec: 2/28 VCT 8 amps.
Wire for 56 VCT 8 A,
28 VCT 16 A, or 14 V
32 A. 4 1/2 x 5 1/2 x 4 1/2, 17 lbs.
Signal #DL56-8, \$25.

Sec: 125 V tapped 90
volts 3 amp. 4x4 1/2 x 3 1/2,
10 lbs. #225-3992, \$12

22 VCT 3 A.

90 VCT 1.5 A.

PRI: 100, 115 v. 60 Hz.
SEC: 22 vct @ 3 AMP.
80 vct @ 1 1/2 "
SIZE: 3 1/2 x 3 x 4; WT: 8 LBS
#3592890015 \$4.95

ISOLATION, 230 V 50/
60 Hz to 115 V 435 ma.
3 1/2 x 4 x 3 7 lb. #3436 \$5.

24 VCT

VIBRATOR TRANSFORMER
PRI: 12.6 V 115 Hz
SEC: 160 V 160 ma
2-1/8x2 1/2 x 3 1/2, 4 lbs
#5950-243-5679, \$4.95

Pri: 115 VAC 60 Hz
Sec: 460 VCT 50 ma
6.3 VCT 2 amps
3x2 1/2 x 2 1/2, 4 lb. #7514 \$4

Pri: 115 volt 60 cycle
Sec: 30 vct 15 amps
4 1/2 x 5 1/2 x 3 1/2; 15lbs.
#80-12002-01 \$16.95

Pri: 115 VOLT 60 Hz.
SEC: 35 vct @ 1 AMP.
6 v. @ 300 MA.
SIZE: 2 1/2 x 2 1/2 x 3; WT: 3 LB.
URC#1341155-2 \$2.50

Pri: 115 VAC 60 Hz
Sec: 45 VCT 500 ma
6 V 500 ma
SIZE: 3 1/2 x 2 1/2 x 2 1/2; 2 lbs.
URC#203A6725-10 \$2.50

Pri: 115 VAC 60 Hz
Sec: 500 VCT 100 ma
6.3 V 1 amp
SIZE: 2 1/2 x 2 1/2 x 5 1/2 4 lbs.
#URC8316213 \$3.95

Sec: 500vct 35MA/24V.9A
6.3v.9A/6.3v.3A/4LBS.
3x3x3 1/2; #RM13-317 \$2.95

Sec: 175 vct 100 MA.
75vct 200 MA. 80 vct
100 MA. & 5 v. 200 MA.
SIZE: 3x2 1/2 x 2 1/2; 2 LBS.
URC#720660-1 \$2.95

Sec: 24v2A/6.3@100MA
24@100MA. SIZE: 3 1/2 x 3 x 3
4 LB. URC-LT-646 \$4.95

Sec: 30 vct 200 MA.
45 vct 100 MA 2.5v30MA
SIZE: 2 1/2 x 1 1/2 x 2; 1 LB.
URC#374501-1 \$2.95

Sec: 2/80 VCT 150 ma
each with 26 VCT 175
ma taps; 80 VCT 100
ma, 1780 Vrms test.
4x6x3 1/2, 10 lbs sh.
#U-7400, \$4.95

22 VCT 3 A.

90 VCT 1.5 A.

PRI: 100, 115 v. 60 Hz.
SEC: 22 vct @ 3 AMP.
80 vct @ 1 1/2 "
SIZE: 3 1/2 x 3 x 4; WT: 8 LBS
#3592890015 \$4.95

ISOLATION, 230 V 50/
60 Hz to 115 V 435 ma.
3 1/2 x 4 x 3 7 lb. #3436 \$5.

24 VCT

VIBRATOR TRANSFORMER
PRI: 12.6 V 115 Hz
SEC: 160 V 160 ma
2-1/8x2 1/2 x 3 1/2, 4 lbs
#5950-243-5679, \$4.95

Pri: 115 VAC 60 Hz
Sec: 460 VCT 50 ma
6.3 VCT 2 amps
3x2 1/2 x 2 1/2, 4 lb. #7514 \$4

Pri: 115 volt 60 cycle
Sec: 30 vct 15 amps
4 1/2 x 5 1/2 x 3 1/2; 15lbs.
#80-12002-01 \$16.95

Pri: 115 VOLT 60 Hz.
SEC: 35 vct @ 1 AMP.
6 v. @ 300 MA.
SIZE: 2 1/2 x 2 1/2 x 3; WT: 3 LB.
URC#1341155-2 \$2.50

Pri: 115 VAC 60 Hz
Sec: 45 VCT 500 ma
6 V 500 ma
SIZE: 3 1/2 x 2 1/2 x 2 1/2; 2 lbs.
URC#203A6725-10 \$2.50

Pri: 115 VAC 60 Hz
Sec: 500 VCT 100 ma
6.3 V 1 amp
SIZE: 2 1/2 x 2 1/2 x 5 1/2 4 lbs.
#URC8316213 \$3.95

Sec: 500vct 35MA/24V.9A
6.3v.9A/6.3v.3A/4LBS.
3x3x3 1/2; #RM13-317 \$2.95

Pri: 115 VAC 60 Hz
Sec: 45 VCT 500 ma
6 V 500 ma
SIZE: 3 1/2 x 2 1/2 x 2 1/2; 2 lbs.
URC#203A6725-10 \$2.50

Pri: 115 VAC 60 Hz
Sec: 500 VCT 100 ma
6.3 V 1 amp
SIZE: 2 1/2 x 2 1/2 x 5 1/2 4 lbs.
#URC8316213 \$3.95

Sec: 500vct 35MA/24V.9A
6.3v.9A/6.3v.3A/4LBS.
3x3x3 1/2; #RM13-317 \$2.95

Pri: 115 VAC 60 Hz
500 VCT 80 ma
24 VCT 2 amps
6.3 V 3 amps
2 1/2 x 3 1/2 x 2 1/2, 4 lbs sh

TRANSFORMERS

40 VCT 9 A

22 V 18 A

Pri: 100/115 VAC
Sec: 40 VCT 9 amp,
22 V 18 amps.
5x6x6, 32 lbs.
#7213-4112, \$15.

As above, but sec
39.8 VCT 8.5 A,
22.7 V 12 amps.
#5602-1500, \$12.



PRI: 115 V 60 HZ
SEC: 15 V 3 AMPS;
13 V 2 A;
6.3 V 7 A.

WITH CAPACITOR,
4x3x3x3; 13 LBS.
#PV-175-9, \$5.95

PRI: 115 V 60 HZ
SEC: 12.5 V 2 AMP
150 V 2 AMPS
4x3x3x4; 13 LBS
#773605, \$6.95

AUDIO

Pri: 600 ohm CT
Sec: 4000 ohm tap-
ped 600 ohm, 150
ohm 50 ma; 200-
4000 Hz. 2x1x1 d.
#646-0380 NEW \$3.

Pri: 5000 ohms CT
Sec: 2750 ohms CT
150-3000 Hz 15 W
2-5/8x2x2; 2 lbs
#CTC15801, \$4.50

Pri: 9000 ohms CT
Sec: 600-250-125-
60-30 ohms. 20 W
50-10000 Hz.
3-3/8x4x3, 6 lbs.
#C2081/AM20, \$7.50

Pri: 16670/4170/
1040 ohms to
Sec: 8 ohms.
60-8000 Hz 4.5 W
#229637.94, \$4.

Pri: 7000 ohms
Sec: 4000 ohms tap-
ped 250 ohms; 200-
8000 Hz. 1x2x1 1/2,
1 lb. #247-9266 \$2.

DRIVER/OUTPUT AUD-
IO, Driver: 5650
ohms CT to second-
aries 2.6:1 and
40:1 CT. OUTPUT:
5250 ohms CT to
500 ohms & 4 ohms,
8 W. 2x2x4x2, 3
lbs. #T504/CV2, \$4.

AUDIO MATCHING

OUTPUT TRANSFORMER
Pri: 5000 ohms
.015 adc sec; 200
& 4 ohm, 1-10 kc
-30dBm. 2x2x2x3
1 1/2 lbs \$3.95
5950-645-1855

INPUT TRANSFORMER
Pri: 150 ohms CT
Sec: 150,000 ohms
100-8000 Hz 1.5mw
2x1-7/8 dia, 1
lb. #5535, \$3.50



1-177
TUBE CHECKER
TRANSFORMER
SIZE: 4x4x4 5 1/2 LB
STK # 229613.667
PRICE: \$4.95



PRI: 26/115/230 V
60 HZ.
SEC: 13 V. 8 AMPS
TWO 230V WINDINGS
TO SUPPLY 370 VDC
600 MA.
5x5x5x5; 22 LBS.
229613.514 \$7.95

Pri: 115/230V 60hz
Sec: 12/24 V 4/2 A
2x1x3x2, 2 lbs sh.
Stancor P6377 \$5.

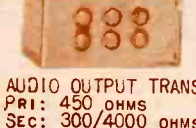


Sec: 6v. @ 500 MA.
1x1x1x1; 3 oz.
URC#137B648 \$1.25

Sec: 6.3 v. 1 amp
1x1x1x1; 4 oz.
BE16073-001 \$1.50

Sec: 6.3 VCT 2 amp
2x2x1 1/2, 1 lb.
Stancor P-2945 \$3.

Sec: 2/30 v. 250 MA
2x1x1x1; 4 oz.
URC#60605 \$1.50



Sec: 12 V 2 amps
2x2x1x1 1/2 1 lb sh.
#37-7622 NEW \$2.25

AUDIO OUTPUT TRANS
PRI: 450 OHMS
SEC: 300/4000 OHMS
IMPEDANCE
PO/BC-348
STK# 204349M/T
2x2x4 WT. 2 1/2 LBS.
PRICE: \$1.00

TRANSISTOR/LINE
PRI: 500 OHM CT
SEC: 500/125 split
2 db 40-10000 Hz
Stancor A22 NEW \$4

LOW VOLTAGE TRANSFORMERS

ALL PRIMARIES 105/110/115
120/125 VOLTS 60 CYCLE.

SEC: 6.6 v. 18 AMP
3x5x4; 12 LBS.
GE#9T35Y159 \$4.95

Sec: 6.3v 2.75A/6.3
V 5.5A, 2.5 KV test
5x3x3x3 #7629805 \$6.

2.5 VCT 10 A, 10 KV insula.
5x3x3x3 7 lbs 2Z9621-201 \$4.

Sec: 8 V 50 VA; 2x3x2 1/2,
3 lbs. #9861, NEW, \$3.95

Sec: 6.3 VCT 3 A 2.5 KV tes
3x2x2 1/2, 3 lbs. #P-6446 \$4.

Sec: 6.3-3.1a/6.3v-2.5a/6.3
v.45a/6.3v.30a/2-5.0w2 amp.
TFLA01JA \$3.95

5 VCT 10 A. 5 VCT 3 A, 6.3
VCT 3.5 A, 2 KV insulation.
4x4x3x3 12 lbs. T4/610 \$9.

Sec: 6.3 VCT 5 amps 300 WV;
2x3-3/8x2-3/8, 5 lbs sh.
#5950-539-6765 NEW \$4.95

5 VCT 12.6 A, 1500 V insul.
3x3x3x3, 8 lbs. #T3/610 \$7.

Sec: 6.5 vct @ 3.1a/0.5vct
@ 13.7a/5.2v @ 6.3a/5.2v @
2.1a. 4x3x3x6; 15 lbs.
TRC-SMB-202910 \$6.95

Sec: 6.3 VCT 3 A; 3x3x2,
3 lbs sh. #F-18X NEW \$2.95

Pri: 210/220/230/240V 60 hz
Sec: 5 VCT 10 amp. Stand of
insul: 1 1/2". Wilcox 96C Trans
5x4x5; 10 lb.
2Z9600.42 Kenyo 10694 \$10

Pri: 115 VAC 60 HZ
Sec: 850 VCT 225 ma CT grnd
500 VCT 125 ma, 2/5 V 3 A,
6.3 V 2.5 A, 6.3 V 1.25 A,
6.3 V 11 A; 6x6x6x5 1/2, 25
lbs. #188-7474, \$9.95

Pri: 115 v. 60 HZ.
SEC: 900 VCT 130 MA.
5x5x3 1/2; 13LB. 2Z9612-38 \$E

Pri: 115 VAC 60 HZ.
SEC: 2/150 V. 940 MA
5x4x3 1/2, 9 LBS. #U7450 \$10.

MICROPHONE TRANSFORMER
PRI: IMPEDANCE 50 OHM 30MA
SEC: IMPEDANCE 500 OHM
FREQ. RESPONSE 400-1900CPS
SIZE: 1x1x1 1/2; WT: 8 oz.
\$1.00 T-204/PP-115

LINE TRANSFORMER INPUT
PRI: IMPEDANCE 500 OHM CT
SEC: " 500 "
FREQ. RESPONSE 600-12000cp
SIZE: 2x2x2x2; WT: 1 LB.
T-203/PP-115 \$1.50

Pri: 115 VAC 60 HZ
Sec: 6.5 VCT 24 A, 6.5 VCT
6 A, 6.5 VCT 6.5 A, 6.5
VCT 1 A; 6x5x4 1/2, 22 lbs.
#5950-647-6219, \$14.95

ISOLATION, pri 115/230 V
60 Hz; sec 115 VAC 1 amp
2x2-5/8x2, 3 lbs. #A762-
101, \$6.95 ea. 2/\$12.00

ISOLATION TRANS-
FORMER, 110/115/
120/210/220
primary;
Sec: 135 V 1 A
6.3 V 5 amps
Switch taps secondary 150/
125/100/75/50 v no load
from 115 V input. 3x2x2x4 1/2,
7 lbs. #F-1267375, \$7.95

HIGH VOLTAGE TRANSFORMERS

DC POWER SUPPLY
PRI: 115v 60 cy
SEC: -8000 v.
@ 25-1 MA.
-120v @ 15 MA
-24v @ 1.2 A
-16.v @ .45 A

Size: 4x4x9 1/2; WT: 15 LBS.
#GE9T63Y2280G03 \$14.95

Pri: 105/110/115/
120/125 VAC 60 HZ
Sec: 1120 VCT 75
MA, 365 V 150 MA
tapped @ 535 V
3x5x3, 8 lbs sh.
#TFLA02JA-R \$5.95

Sec: 2600 V tapped 1600 V
120 ma; 5-7/8x7-3/8x4 1/2, 25
lbs sh. #RPL8584, \$14.95

PRI: 115 VAC 60 HZ
SEC: 900 VCT 250
MA
4x4x4x3 1/2, 15 LBS.
#SS-S-P243, \$7.95

PRI: 115/230 v. 60 HZ.
SEC: 520 VCT @ 90 MA.
6.3v/1 1/2 A. 6.3vct 4 A.
SIZE: 4x5x3x3; WT: 7 LBS.
#TB1RX03LB/FGC-29 \$5.95

CHOKE FOR ABOVE 10/25 HY.
125/15 MA. 4x3x3x4 1/2, 4 LBS
#T1RX04LB/FGC-29 \$5.95

Pri: 115v 60 hz
Sec: 350 vct 25 ma
5-0 3 amp
3x3x2 1/2; 3 1/2 lbs
2Z9613-77 \$3.25

Pri: 115/230 VAC
50-1000 Hz
Sec: 310 V 100 ma, 3/6.3
8 amps, 6.3 V 10 A
Size: 5x4x4, 14 lbs.
NEC#110001, removed \$10

Pri: 115/230 V 60 HZ
Sec: 920 VCT 100 ma
4/6.3 V 8 amps, 5 V
6 A, 5 V 2 amps
5x5x6, 20 lbs sh.
Paeco #910-96R \$12.

As above except 960 VCT
500 ma secondary only.
Paeco #910-5-95R \$15.95

ISOLATION

DUAL PRIMARY, each 100/
110/120 VAC 60 Hz; can be
wired for 200/220/240 V
input. Secondary 120 V
1.1 amp tapped 100 V 1 A;
8 V 2 A -0-8 V 1 A; and
16 V 1.5 A -0-16 V 1 A.
Mounted on board w/AC soc
ket, fused secondaries,
diagram. Xformer 5x4x4x4,
20 lbs sh. #97313, NEW:
\$12.95 each; 2/\$22.00

2250 VCT (1750 V
working)
from
115/230 VAC
60 Hz primary
6x4x4x4, 32
lbs. #TFIUX02YY used \$35

2000 VCT 500 MA (1500 V
working
700 ma
intermittent); 115 VAC 60 Hz primary
7x5x5, 32 lbs sh. #HW201P used, \$30
or 5670
VCT 321
ma 7500
#229621/610, \$65.00

4800 VCT 475 MA (1500 V
working
700 ma
intermittent); 115 VAC 60 Hz primary.
9x9
10x8 1/2, 110 lbs. #229621/610, \$65.00

PRI: 115 V 60 c
SEC: 6.3 V 3.6 A
15 V.004 A
15 V.004 A
SIZE: 3x3x3; 4 LBS
STK#ORD7629806
PRICE: \$1.50

CONSTANT VOLTAGE
TRANSFORMERS; 95
TO 130 VAC 60 HZ
PRIMARY; WITH
CAPACITORS. SOLA
AND OTHER MFGS.
REMOVED FROM E-
QUIPMENT.

Sec: 6.3v @ 2.38a
ac 5x3x2 1/2; 8lb
581-5333 \$5.95

Sec: 24 VDC 5 AMPS
SIZE: 4x3x5 15LB
#22661-1 \$9.95

Sec: 25-27VDC 3.5 A
AMPS; 5x3x4 1 1/2 LB
#22662 \$6.95

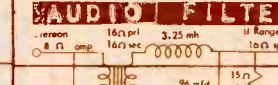
SOLA CONSTANT VOLTAGE
Pri: 95-130 VAC 60 HZ
Sec: 118 VAC 120 VA
5x7x3, 12 lbs sh.
#20-13-112 NEW \$27.50

Pri: 100-130 VAC 60 HZ
Sec: 6.5 V 25 amps
11x5x5 1/2, 28 lbs sh.
Sola #302237, \$12.50

MODULATION, pri 8000
CT 250 ma; sec 2800 ohm
CT 300 ma. 200-20 Khz
120 W. 8x4x4 1/2, 30 lbs
sh. #T201/MD141, \$12.00

Pri: 21000 ohms CT, sec
8000 ohms CT 250 ma;
150-3000 Hz 250 W 7 KV
test. 7x4x4, 28 lbs
sh. #2Z9633.66/610, \$15

Pri: 115/230 VAC 60 HZ
Sec: 600 VCT 100 ma, 13
V 1 A tapped 6.3 V 3 A
5 V 2 A. 3x2x4x3, 7 lb
#T2/URM-4B, \$7.95



AUDIO FILTER

ELECTRO-VOICE FILTER EVKX3
is an audio frequency fil-
ter which connects two aud-
io amps to two speaker
systems. Bass frequencies
below 300 Hz are passed to
one side of the system and
higher frequencies are
passed without change to
both systems. Eliminates
need for two full range
systems. 5x4x4x5 1/2, 8 lbs.
Unused, original-boxed \$4.
W/water damaged case \$2.50

Pri: 120 V 60 cy
Sec: 2.5 V 10 A.
No C.T. INS. 10M.
4x3x3x5; 8 LBS.
#2Z9611.144
\$2.95

Pri: 115 V 60 HZ
Sec: 900 VCT 160
ma; 4x5x3 1/2, 9.95
#74618

Pri: 115 V 60 HZ
Sec: 900 VCT 84
ma; 5x3x4 1/2, 12
lbs. #746-7167 \$4

PRI: 115 V 60 c
SEC: 6.3 V 3.6 A
15 V.004 A
15 V.004 A
SIZE: 3x3x3; 4 LBS
STK#ORD7629806
PRICE: \$1.50

Sec: 115 V 75 ma, 2.5 V 5A,
6.3 V 6 A, 6.3 V 3 A, 6.3V
1.8 A; 4 KV insulation.
4x7x6, 12 lbs. BP18585 \$8.

MAGNETIC
AMPLIFIER
115,400 cy/
HEATER/D.C
REFERENCE/
CONTROL.
KEARFOTT#425957-1A/SPERRY
622033. 3x2x2; 1 1/2 LB.
5950-712-3882 \$3.95

PRI: 2/115 VAC 50-60 HZ.
SEC: 5 VCT 2 A; 5 VCT 4 A;
6 VCT 3.5 A;
115 V RMS 600 MA.
SIZE: 4x4x3 3/4; WT: 15 LBS.
#89-G-2730, USED, \$4.95

MODULATION

MODULATION TRANSFORMER
Pri: 3000-3000
Sec: 4250 7.5 KV
Max. DC oper. 15 KV
13x10x10; 90 lbs.
American Trans. #31005
5950-228-0821 \$45.00

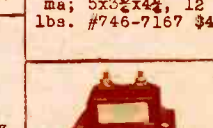
Collins 250 watt modul-
ation, 677-1040-00
Pri: 12500 Sec: 5000
Test volts 7500
Response 400-5000
9x9x9; 75 lbs.
5950-235-6857 \$39.50

Audio Development 6977
Modulation, plate to
plate 15,800 ohms.
4500 .900a DC, 7500
.555AD, DB 40-3000CPS
11x8x10 1/2; 110 lbs.
5950-568-4831 \$50



Pri: 115 V 60 HZ
Sec: 900 VCT 160
ma; 4x5x3 1/2, 9.95
#74618

Pri: 115 V 60 HZ
Sec: 900 VCT 84
ma; 5x3x4 1/2, 12
lbs. #746-7167 \$4



Pri: 115V 50-133cy
Sec: 20 VOLT LOAD
OR 12.5V @ 2 AMPS
MOUNTED ON 4" R.
ELECT. BOX COVER
3x3x2; 2 LBS.
#FR-24960 \$1.25

Pri: 115V 60Hz
Sec: 1250V. 2madc
4.6AVDC TEST
2.5 V. 2.1 A
2.5 V. 1.75 A.
4x3x3x3; 10 lbs
#3340=11866 \$7

CHOKES

12 HY @ 500 ma 77 ohm
5x5x5; 22 lbs #9230 \$10

10 HY @ 225 ma 78 ohm 500V
4x3x5; 12 lb #SC26009 \$6

4 HY 650 ma 25 ohm 1.07 kv
6x5x4; 20 lb GE7485547 \$9

10 HY 150 ma 130 ohm 1680W
2x2x5; 5 lb SMB-20291534

10 HY 400 ma 55 ohm 700 W
5x4x6; 25 lbs SMB203042 \$7

6 HY 250 ma 105 ohms 2 KV-T
4x3x3; 8 lbs. L123/610 \$6

7 HY 200 ma 140 ohms; 3x3x
2; 5 lbs. Kenyon T152, \$5

4 HY 550 MA 40 ohms \$4.95
3x4x4; 7 lb Paeco 911-39

4 HY 250 MA 60 ohms 3000V1
3x2x3; 7 lb C-1412 \$3.95

20 HY 50 MA 200 ohms 1 KV;
2x3x2; 3 lb. Kenyon mfg;
#3C369-3, unused, \$3.50

10 HY 55 MA
2x3x3; 5 lb T47110 \$1.95

1 HY 700 ma 11 ohms LK WV;
5x3x3; 9 lbs. L101/141 \$3

2 HY 700 ma 23 ohms LK WV;
5x3x3; 9 lbs. L201/141 \$4

10 HY. 50 MA. 100 OHMS. 3x
2x2; 1LB. 3C573/341 \$2.00

17 HY. 80MA. 300OHMS. 2x
2x2; 1LB. HRO-3C326-31A \$3.

8 HY 150 MA 100 ohm \$3.95
4x3x2; 10 lb TF1A04HA

10 HY. 100MA. 263 OHM. 3x
3x2; 3LB. #228-1859 \$3.25

12 HY 80 MA 375 ohm \$1.50
3x2x2; 2 lbs. SKLN20C53

150 MA AVAILABLE VARIOUS
HY TELL US YOUR NEED.

3 HY 350 MA 30 2K PV; 3x
4x2; 6 lb. L-225/PF115 \$3

3.5 HY 200 ma 90 V 1 KVRMS
3x4x3; 4 lbs. #7629828 \$3

TUNED REACTOR, 210 mHY 1 A
choke in circuit with 8 mf
and 4 mf capacitors; switch
selects 50 or 60 Hz opera-
tion. 1.5 ohms max DC res.
4x6x4; 10 lbs. USG3416 \$8.

PRI: 60 V 60 Hz. SEC: 2130
V 16 ma, 112 V 4 ma. 4x6
x4; 10 lbs. #HA131P \$8.95

PRI: 115/230 VOLT.
SEC: 54.4VCT 2.5A
37.5VCT 7.8A

6x5x4; 20 LBS.
SCHOTT TY4RX020A
\$12.95

PRI: 117v 50/60
SEC: 6500VCT
65MADC, 4350WV
5x6x7; 35LBS
539-6504 \$25.00

HIGH CURRENT CHOKES

#6220526, 85 mHY 10 amps;
0.49 ohms DC resistance.
4x3x4; 15 lbs. \$9.95

#6221188, 4 mHY 8.7 amps;
0.083 ohms DC resistance.
4x2x2; 4 lbs. \$4.95

#WE30A, 60 mHY 7.5 amps;
0.74 ohms DC resistance.
4x4x4, 12 lbs. \$7.95

#WE1059A, 6 mHY 15 A; 0.11
ohms DC res. Sealed-type.
5x4x4; 15 lbs. \$8.95

#WE1060A, 2 mHY 15 A; 0.14
ohms DC res. Sealed-type.
3x4x3; 8 lbs. \$5.95

#WE241C, 2.5 mHY 25 A; .25
ohms DC res. Sealed-type.
3x4x3, 7 lbs. \$7.95

10 hy 75 ma
375 ohm
2x2x1; 11b
ADA8696 \$3

1 hy 235 ma
80 ohm
2x2x1; 8 oz
#0146 \$2.00

6.3 hy 6.24a
61 ohm
3x3x3; 5lb
614-2421 \$4

AUDIO DEVELOP-
MENT COMPANY
CHOKES, all
2x4x2:

#90-7B82, 80
Hy 25 ma;
1000 ohm, LKV
test. \$4.50

#90-7B81, 20
Hy 30 ma 250
V test. \$3.00

4.5 HY 150 ma
65 ohms 2500 V
test; 2x3x2; 2
5 lbs. #221-
6642 NEW \$2.95

1.5 mH 30 ADC
0.035 ohm, 15
Vrms 2400 Hz.
3x5x2; 6 lb
#924-0472 \$9.

3.5 HY 500 MA
100 V. 60 CYC
30 OHMS 715W
4x5x3; 10 LBS
TF1A04A/A8649
\$2.95

20 HY 80 MA
320 ohms
2 AV insula
4x3x3; 7lb
#38054 \$4

STANCOR
CHOKES
#C-1412,
4 Hy 250
ma 60;
3 KV in-
sulation. 2x
3x3; 5 lbs.
Used, \$4.00

#C-2326, 1 Hy
300 ma 43 ohms
1500 V insula-
tion. 2x3x1;
3 lbs. NEW \$3.

10 Hy 225MA
25 OHM
3x5x1x5
WT. 11 LBS.
#TF1RX04YY
\$3.95

PRI: 115 V 60 Hz
Sec: 32 VCT 20 A
Prep #32394
4x4x4; 15 lbs
#891-2489, \$20.95

3 PHASE DELTA
60 Hz 400 W
nominal 208 V
3phase
1940 W
1370 V rms 52
ma rms per leg
5x5x4; 18 lb
686-6836 \$25

DUAL CHOKE
11 HY 100 MA
200 OHMS
4x4x5; WT 8
#3C557F-1
\$1.75

1.5 HY 1.5 AMP
5000 V. TEST
8x8x6; 5
500 WORK VOLTS
5950-646-1383
\$5.95

1.5 HY 1.5 AMP
5000 V. TEST
8x8x6; 5
500 WORK VOLTS
5950-159-6041
\$14.95

PRI: 115 VAC 60 Hz
SEC: 280 VCT 75 MA; 13.5 V
1.2 AMPS; 5 VCT 3 A.
Size: 4x3x4-5/8; 16 LBS.
#193-8767 \$3.95

PRI: 115 VAC 50-60 Hz; Sec
850 VCT 340 ma 700 WV. 4x
5x4; 17 lbs. #FT2546 \$10.

PRI: 115 VAC 60 Hz; Sec:
870 VCT 250 ma 2 KV insula.
5x4x4, 12 lbs. #T5/610 \$8.

PRI: 115/230 VAC
SEC: 650 VCT 70
ma, 6.3 V 3.8 A
3x4x3, 7 lbs sh
#M4626/TS1060 \$6.

PRI: 117v 50-60cyc
SEC: 3/5v CT @ 2A
2/5v CT @ 2A
2/2.5v CT @ 10A
7x4x3 WT. 12 LB
GILFILLAN #54148-1
PRICE: \$5.95

SPEED CONTROL
CONSISTS OF A
TRANSFORMER
IN BOX 115 V.
60 HZ. WITH
OUTPUT SELECT
OR SWITCH
MARKED OFF-HI-MED-LOW.
PLACED IN SERIES WITH A.C.
LINE & LOAD SELECTOR ALLDWS
100%, 40% OR 20% OF INPUT TC
LOAD, 100 WATTS. SIZE 4 1/2
X 4 1/2 X 3; 61 LBS.
#230428 NEW \$2.95

PRI: 115/230 VAC 50-60 Hz
SEC: 320 VCT 830 ma, 2.5 V
CT 6 amps. 5x6x4; 18 lbs
sh. #TF1RX03NA, \$12.95

PRI: 105/115/125
VAC 60 Hz
SEC: 285/300/315 V
300 ma; 285/300/
315 V 150 ma.
2500 WV; 4x7x4,
15 lbs. RA-342 \$9.

CY-2595 TRANS-
IT FRAME FOR
AT-903 antenna
frames can be
stacked to
form tower
base; 38x
30x30x30"D,
35 lbs. Must be shipped
bus or truck--No UPS.
Used, \$12.00 ea; 3/\$30.

DAVIS DIMMER
AUTO TRANSFORMER
230 VOLT 60 cycle
1 PHASE WITH 5
48 VOLT
CIRCUITS THAT
CAN BE VARIED 0-
48 V. MAX. 20 A.
TOTAL.
SIZE: 10x10x7;
SHPG. WT: 90 LBS
#GR-3 \$19.95

TRANSFORMER WITH
METER 0-100 AC
AMPS.
PRI: 115 VAC 60cy
SEC: 10/14/19/24
W/ON-OFF SW. AND
FUSED LINE. 140 LB
SIZE: 16x8x15;
5950-537-4950
PRICE: \$39.50

PRI: 115 V 60 Hz
Sec: 500 VCT 100
ma, 600 VCT 150
ma, 6.3 VCT 3 A
ma, 5x4x3; 10
lbs sh.
#MB-1281, \$5.95

TRIPLE
CHOKE
Each wind-
ing 10 mH
1 amp or
5 mH 2 amp;
1/2 ohm res, 60 WV
to grnd. 2x4x2
4 lb. #3069 \$3.95

DUAL CHOKE, 0.05H
500 ma 1.36 ohm;
3x4x2; 4 lbs sh.
#3C57527-5 \$3.00

PRI: 120 V
60 cycle
SEC:
5.4v/2.7v
@15A
5vct
@15A
WITH
INSU-
LATOR
& TUBE SOCKET C6
5x5x7, 15 LBS
5950-353-5572
\$14.95

MULTI-VOLTAGE
ISOLATION TRANS.
PRI: 73/88/95/105/
115/125/190/210/
230/250. 50/60 CY
SEC: 17.6/35.2/189
193/196/200/203
@ 1.6 AMP.
9x4x7; 40 LBS.
Z29619-6 \$14.95

SWINGING CHOKE, 10/25 HY
125/15 ma. 4x3x4; 6 lbs.
#TF1RX04LB/FGC-28, \$5.95

DUAL CHOKE, 30 HY 25 ma
1350 & 5 Hy 135 ma 150;
2x5x2; 3 lb. #6663, \$3.

VARIABLE TRANSFORMERS

PRIMARIES 0-120, 130, 140 60
CYCLES. VARIOUS MANUFACTURE
USED, CHECKED, GUARANTEED.

1 AMP \$4.95 4.5 AMP \$21.
1.25 5.50 7.5 27.
1.75 6.95 10 32.
2.25 7.95 50 95.
2.4 8.95

KNOBES & DIAL PLATES INCLD.

POWERSTAT TYPE 21, 0-130 V
4.5 amps; 7 lbs. Used \$21.

POWERSTAT 120/240 VAC 60 Hz
in; 0-240 V 9 amp out, \$45.

12 VOLT 60 Hz input, 0-3.5
V 2 amps out. #5-1066, \$3.

VARIAC M-5/RMS11-2, 0-135V
@ 5 AMPS FROM 114 VAC 400
HZ INPUT. #7486, \$12.95

VARIAC M20BB 120 VOLT 350
20 AMP. MOTORIZED 115V400
#5950-089-7734 NEW \$65.00

115VAC 60HZ 9AMP GANGED
FOR TWO PHASE MOTORIZED
115VAC 60HZ CN-54/FT-1
USED, \$50. LESS MOTOR \$45.

POWERSTAT, 115V. 400/800HZ
OUTPUT: 0-130V
7.5 AMPS,
0.975 KVA.
#5950-518-
2508, NEW
\$13.95

OTHER VARIABLE TRANSFORMERS
AVAILABLE. WRITE YOUR NEEDS

KNOBES FOR VARIACS

2-3/8" dia. fits
3/8" shft. w/ptr.
Luxitrol, \$1.50

3 1/2" dia wheel w/
pointer; 1/3/8 shft. \$3.95

4" d. wheel w/ptr. 1/11/16"
d. shft. KNOB-35, used, \$3.

7 1/2" DIA. WHEEL-TYPE CONTROL
W/ALUMINUM POINTER; FITS
3" SHFT. POWERSTAT, \$5.95

DIAL PLATES, UNUSED.

4" DIA. 0-100 SCALE; 7/8"
DIA. CTR. HOLE, TAKES 3
SCREWS. #BP8087, \$1.00 EA

10" DIA. 0-100 SCALE; 1 1/2"
DIA. CTR. HOLE, TAKES 4
SCREWS. #BP653, \$2.50 EA

VARIAC OR RHE-
OSTAT CAGE;
SLANT FACE,
8x7x7x8 1/2
(BASE) AND 1 1/2
DEEP TOP.
WITH 5 1/2" DIA.

0-100 DIAL PLATE, 3 BANANA
JACKS, RUBBER FEET. GREY.
OHMITE MFG. #6975, NEW, \$10.

INPUT: 115/220/440 VAC 60
Hz. OUTPUT: 0-120 V 1 KVA
1 @. In case w/0-150 VAC
meter, on-off sw, fused
circuits. 20x15x12, 200 lb
#CW-30983, \$50.00

AS-52/TRC-8 90° CORNER REFLECTOR, two 36"
x30" planes at right angles collapse and
fold into 30x23x8 package. Mounts on 2"
dia mast; 18 lbs sh. Unused, \$14.95
HALF-WAVE DIPOLE FOR AS-52; 230-250 Mhz.
50 ohm feed; N connection. 4 lbs sh wt.
#2A288A-35, used, \$6.95

AS-756/TRC TWO 3-ELEMENT
YAGI ARRAY FOR 40-100
Mhz, 5 db gain; vertical
or horizontal polariza-
tion. Consists of array spacer bar,
two antenna booms, and 12 ea. long,
short, and subassembly antenna elements.
Component lengths adjustable according to frequency:
spacer 58"-112", booms 72", and elements 40"-58".
Matching transformers are built-in into each boom. Also
includes 10x7x20 transit case and enough spare com-
ponents for third yagi. 185 lbs sh wt. Unused, \$99.50

10,000 VOLT

AMP P/N 845321-3
PRI: 115V 60HZ.
SEC: 10,000VAC 100MA
5x5x4; 10LBS. \$20

SCOPE XFORMERS

ACE HV POWER SUPPLY as on
page 10; 3000 VDC 50 ua
output from 115 VAC 60 Hz
input. Includes 2/1B3 tubes
6x7x2, 8 lbs sh wt. Unused.
#ACE-HV3000, \$5.95 2/\$10.

PRI: 112/117/122v. 60 HZ.
SEC: 228v @ 15 MA.
360v @ 125 MA. TAPPED
#7V/332/346
6.6 V. 4.2 AMP.
5x3x3; 8LB. 229613-869 \$5

HV OSCILLATOR TRANSFORMER
F/HP-160 & USM-105A scopes;
used with 50 Khz 6A45 os-
cillator. Two HV windings
approx 5000 V each. 2x2x2
x2; 2 lb. #3862 NEW \$35.

ACE HV POWER SUPPLY as on
page 10; 3000 VDC 50 ua
output from 115 VAC 60 Hz
input. Includes 2/1B3 tubes
6x7x2, 8 lbs sh wt. Unused.
#ACE-HV3000, \$5.95 2/\$10.

PRI: 112/117/122v. 60 HZ.
SEC: 228v @ 15 MA.
360v @ 125 MA. TAPPED
#7V/332/346
6.6 V. 4.2 AMP.
5x3x3; 8LB. 229613-869 \$5

HV OSCILLATOR TRANSFORMER
F/HP-160 & USM-105A scopes;
used with 50 Khz 6A45 os-
cillator. Two HV windings
approx 5000 V each. 2x2x2
x2; 2 lb. #3862 NEW \$35.



HAND-CRANK MAGNETO GENERATORS
OUTPUT APPROX. 100 VOLTS DEPENDING ON SPEED OF ROTATION. USED TO RING BELLS IN TELEPHONE LINES. CAN BE USED AS WORM SHOCKER AND OTHER EXPERIMENT. SIZE 4x2 1/2 WT: 1 LB. COND. USED
G-42 \$10.00



DC AIRCRAFT MOTOR; GE#5BA-50LJ29, 0.4 HP, 3000 RPM. ARMATURE: 60V. @ 2.3 AMPS FIELD: 27 VOLTS @ 6.5 AMPS DUTY: 10 MIN. @ FULL RATING. SHAFT IS CORKSCREW-TYPE 5/8 INCH DIA. FLANGE MFG. 3 1/2 CNTS. BODY SIZE: 6 1/2x4 1/2x4 1/2 WT: 11 LBS. \$4.95

VARIABLE SPEED DRIVE CONTROL
USED WITH MOTOR AM No. E-85-132. GE#3S750R1750A1, FIELD 100 VDC ARM. 140 VDC., 2.6 A INPUT 230 v. 50/60 HZ. 5 LBS
Unusd w/schematic \$15.00



JOHN OSTER TYPE C-24A-1B KS-5829 SERIES MOTOR; 27 VDC, 0.01 HP, 7000 RPM. SIZE: 3x2 DIA.; SHAFT: 1x1/2 DIA. WT: 1 LB. Unusd, \$2.95



LOW SPEED DC GEAR MOTORS, various styles similar to picture; approx speeds given @ 24 VDC. Slower speeds at reduced voltages to 7 VDC minimum. 3 1/2" L x 1 1/2" dia. Used-same corrosion-tested OK #6 RPM-DC-QM, \$8.95 #70-100 RPM-QM, \$8.75 #200-300 RPM-DC-QM, \$8.50



GENERAL ELECTRIC GEAR MOTOR 150 RPM 115 V 60 Hz 3 amps, reversible; torque 50 in-lb Gear ratio 10.67 55 C intermittent duty. Requires 4 mF 330 VAC capacitor (not included). O/a 10x 4 1/2x6, 15 lbs sh. #5KCP19354T, used, \$12.95 4 mF 330 VAC capacitor f/above & others, \$1.



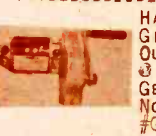
MD-34/ARA-8 MODULATOR-KEYER, p/o automatic homing keying assembly; contains Oster BT-2-13 28 VDC shunt motor, 12000 RPM 1.1 amps connected to double worm reduction with output of 32 to 50 RPM over 10-26 VDC. Also has phase shift capacitor and RF UHF connectors. 3 1/2x10x4 1/2, 5 lbs. Used, \$3.95



28 VDC 12000 RPM MOTOR 1/ARC-3 set. Removable worm gear; shaft 1 1/2x3/16" dia. O/A 3" x 1 1/2" dia. #697-2644, \$5.95



HAND CRANK GENERATOR AS USED IN GIESON GIRL RESCUE TRANSMITTERS OUTPUT 28 VDC @ 175 MA & 300 VD @ 30 MA. WHEN CRANKED AT 60 RPM GEAR RATIO APPROX. 72 TO 1. NO LEGS SEAT OR MOUNTING. #GEN/ORT-3 RE-MOVED \$12.00



HYSTERESIS SYNCHRONOUS MOTOR 115V 60Hz 1800RPM, CONT. 1/8HP FL. MTG. 7". SHAFT 2 1/4" DIA. SIZE 6x5, CAP. ST. USED 25LB. BODINE#NCH-54 OR EQUAL \$19.95



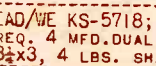
DC MOTOR, operates over 10-15 VDC 100 ma 2375-4425 RPM with governor. Shaft 5/16" L x 1/16" dia; o/a 2-7/8x1-1/8. #AST-QK26 \$7.95



RECORDER MOTOR, 1500 RPM; 2" SHAFT IS 3/16" DIA. FOR 1 1/2"; 3/64" DIA. LAST 3". 3/8x3/16" DIA. SHAFT ON OTHER SIDE. MOTOR SIZE: 2 1/2x2 1/2x2 WT: 2 LBS. #602-1 UNUSd, \$4.75



EAD/WE KS-5718; 115 v. 27 A. 50/60 CYC. CAP. REQ. 4 MFD. DUAL SPEED 2750/3300 RPM. NO SIZE 3 1/2x3, 4 LBS. SHAFT 5/16x1, 1/50 HP. N.\$14.95



WE KS-5871-LO1 MOTOR, 28.8 VDC @ 3.3 A. 5600 RPM, 0.04 HP SERIES WOUND. CONTINUOUS DUTY; REVERSIBLE WITH SPEED GOVERNOR. (MAY ALSO OPERATE AT 12 VDC AT REDUCED SPEED. SHAFT 1/2x1/2; OVERALL SIZE: 6 1/2x3 1/2 DIA. SHPG. WT: 7 LBS. USED \$7.95



GLOBE DC MOTOR, 27.5 VDC 2.4 A 0.035 HP 7400 RPM; 2 1/2" L x 1-5/8" dia plus 1/2" Lx3/16" dia shaft. #621-6822 unusd \$7.95

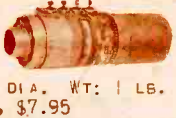


#A7155 DELCO DC MOTOR, 28 VDC 2.4 A 1/30 HP 3600 RPM. Size: 5 1/2x2 1/2" dia; shaft 1" x 1 1/2" dia, 2 lbs. Unusd \$4.



PD-5/ARA-19 TUNING DRIVE, p/o ARN-6 remote tuning system. Uses 27 VDC 250 RPM Delco FM motor. Also 10-turn 1000 ohm linear pot driven by gear from the motor. Output with female MC-124 spline shaft. Motor shaft 3/8" long X 1/8" dia. O/A 5 1/2x4 1/2x2 1/2, 4 lbs sh. Used, \$9.95 Mating conn. \$2.50; MC-124 spline, 20", \$1.50

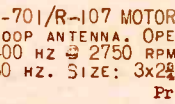
28 VCLT MOTOR, 135 RPM; HP: 1 oz/IN. WITH 5/16x1/2" DIA. GEARED SHAFT; HAS 4 SOLDER TERMINALS ON 1x1x1/2" BLOCK. MOTOR SIZE: 5x1-7/8 DIA. WT: 1 LB. GE#52A10FJ444 UNUSd, \$7.95



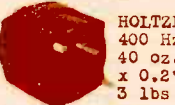
GLOBE 24 VDC GEAR CASE FM MOTOR, 80 RPM @ 12 VDC/180 RPM @ 24 VDC; 1/2" dia shaft with gears. O/a 5 1/2x1 1/2x2 1/2 dia; 2 lbs. #102A390, \$10.95



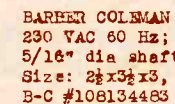
B-701/R-107 MOTOR FROM AS-313/ARN-6 LOOP ANTENNA. OPERATES FROM 26 VOLT 400 HZ @ 2750 RPM. WILL OPERATE FROM 12 VDC 60 HZ. SIZE: 3x2 1/2x3 WITH 3/8" GEAR. WT: 2 LB. Price: Used, \$1.95



HOLTZER-CABOT #1981-HC 120 VAC 400 Hz GEAR MOTOR, 6 RPM with 40 oz.-in. torque. Shaft 1/2" long x 0.2" dia. Overall size: 2 1/2x2 1/2x3, 3 lbs sh. #1981-HC, unusd \$14.95



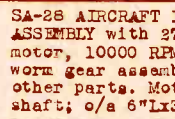
BARBER COLEMAN AC GEAR MOTOR, 230 VAC 60 Hz; approx 3 1/2 RPM. 5/16" dia shaft X 7/8" long; Size: 2 1/2x3 1/2x3, 2 lbs sh. B-C #108134483 NEW, \$3.95



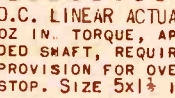
MOTOR W/RIGHT ANGLE SHAFT & MOUNT, 1/8 HP 230 RPM. SHAFT SIZE: 5/16" LONG X 3/8" DIA. CLEARANCE BETWEEN SHAFT AND MOUNTING ABOUT 1" REQUIRES 115 VAC 60 Hz @ 1.9 AMPS. SIZE: 7x3 1/2 DIA. WT: 15 LBS. ROBBINS & MEYERS #KL-H330, \$12.95



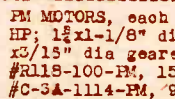
SA-28 AIRCRAFT INSTRUMENT ASSEMBLY with 27 VDC FM motor, 10000 RPM with worm gear assembly and other parts. Motor size 1 1/2x1 1/2, 3/16" dia shaft; o/a 6" Lx3 1/2" dia, 2 lbs. Unusd \$6.95



D.C. LINEAR ACTUATOR; 26 vdc 2A. 400 RPM. 45 OZ IN. TORQUE, APPROX. 2" ARM TRAVEL ON THREADED SHAFT, REQUIRES LIMIT SWITCHES, HAS NO PROVISION FOR OVER TRAVEL. HAS BRAKE FOR FAST STOP. SIZE 5x1 1/2 IN. GE#52A10FJ450 USED \$8.95



FM MOTORS, each 27 VDC 1/100 HP; 1 1/2x1-1/8" dia plus 1/2" L x 3/15" dia geared shaft. Used, #R115-100-FM, 15000 RPM, \$7. #C-3A-1114-FM, 9000 RPM, \$5.95



28 VDC BLOWER, 6200 RPM WITH THE OPTION OF EITHER A SHUNT MOTOR TYPE OR FM MOTOR. SIZE: 3x2 1/2x3 SHPG. WT: 4 LBS. Blower with PM motor \$6.95



200 RPM 32 V 60 Hz GEAR MOTOR, has shaft 1 1/2" dia and 3/16" dia shaft for fan. For intermittent use, increased voltage increases torque. O/a 5 1/2x5x2 1/2, 3 lbs. #MUL-2460, unusd, \$3.25 120 RPM 115 V 60 Hz GEAR MOTOR, 1" d shaft w/plastic gear. 4x3x2 1/2, 3 lb. #ZK30108, \$3.50



VICKERS AR-10007G 115 VOLT 50/60 CYCLE SELENOID OPERATED AIR VALVE ONE INLET ACTUATES TUBE PLUNGER 1" STROKE. USED SIZE: 6x4x2 1/2; 5 LBS. \$12.95



OSTER 4123-10 CONTROL TRANSFORMER SELSYN, similar to AY-201; rotor 26 V 1 phase, stator 11.8 V 3 phase 400 Hz. Dual 3/4" Lx1/16" dia shaft; 1 1/2" Lx1-1/8" dia. Used, \$4.00 ea

AY-165 AUTOSYN DIFFERENTIAL, 400 CYCLE, 11.8 V. 3 PHASE ONE TO ONE RATIO. BENDIX & OTHERS. SIZE: 1 1/2x1 1/2. PRICE: REMOVED FROM EQUIP. \$2.95 AY-231 AND AY-232 SAME SPECS. AS ABOVE.

15CX4 TRANSMIT 115 VAC 400 Hz, used, \$4.95 15RS4L RESOLVER 26/11.8 V 400 Hz, used, \$4.95 23CX4 TRANSMIT 115 VAC 40 Hz, used, \$8.95 23CX6 TRANSMIT 115/90 V 400 Hz, used, \$10.00 23CT4 CONTROL/TRANS 115 V 400 Hz, used, \$8.95 23CT6 TRANSFORMER 90/1 V per degree 60 Hz \$10

SELSYNs 2J1G1 SELSYN CONTROL TRANSFORMER, 57.5

VAC 400 Hz; usable in pairs for remote position indication and light duty turning applications. Operable from 24 V 60 Hz with good resolution and torque. 1/2" long shaft tapered 1/4", then threaded 1/4". O/a 4 1/2x2 1/2 dia; 2 lbs. #2J1G1, less connector cap \$7.50; w/cap \$9.50 MK II SIZE 6 SELSYNS., 115 VAC 60 Hz; sold in mated pairs for rotational and position-indication uses. 7 1/4x4 1/2 dia, 12 lbs/pair. Used-checked, various manufacturers, \$45/pair SIZE 5 SYNCHRO DIFFERENTIAL RECEIVER, 115 VAC 60 Hz; USED to show the sum or difference of two angular motions. 5 1/2x3 1/2 dia, 5 lbs. \$10. OTHER SELSYNS AVAILABLE. WRITE YOUR NEEDS.

2J1H1 SELSYN DIFFERENTIAL GENERATOR NORMALLY OPERATES FROM 57.5/57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 26 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM ON PAGE 31. SIZE: 2 1/2x4 1/2; WT: 8oz. PRICE WITH CONNECTOR CAPS.....\$3.95

DAYSTROM TRANSOCOIL CONTROL MOTOR 115 VOLT 60 CYCLE, 1 PHASE, 2 PHASE 200 VOLT CT., 3200 RPM. SIZE: 2 1/2x2, SHAFT SIZE: 1/16x3/8 WITH GEAR. REMOVED FROM NEW EQUIPMENT. PRICE: \$5.00

TACHOMETER GENERATOR, motor 26 V 400 Hz 2 0; generator 18V 400 Hz 0.3 V/1000 RPM. No load speed 10000 RPM. 2-1/8" Lx1" dia 3/16" Lx1/8" dia shaft. #TACH-SEL-MOD, \$7.95

MAGNESYN TESTER

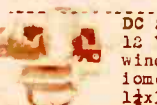
MAGNESYN FIELD TESTER, Type B-1 mfgd. by Aeromath Instrument for 26 V. 400 Hz magnesyms. Has calibration charts for magnesyms usages: manifold pressure, torque pressure transmitters, torque pressure, fuel, oil, burner or water pressure, liquid level, and fuel flow. 3" indicator for setting electrical zero (EZ) and switch. Also short cable with male and female 4-pin connectors. Size: 6x10 1/2x5 1/2, 8 lbs. sh. Unusd, not checked, \$25.00

LINEAR ACTUATOR, STAT. 200, TENS. 40, COMP. 40. ARM TRAVEL 5/16". MOTOR 115v. 400 Hz, 1600 RPM. DUTY 1/10, 0.04 HP. TORQUE: 6.7 IN-OZ. SIZE: 5x5x3 1/2 WT: 5 LB. AIRSEARCH#34930 Used \$3.95

LINEAR ACTUATOR, STAT. 200, TENS 75-100, COMP. 75-100. ARM TRAVEL 3/8". MOTOR 115v. 400 Hz., 0.025 HP 6500 RPM. DUTY 1/10, TORQUE: 3.9 IN-OZ. SIZE: 5x8 1/2x4 1/2 WT: 5LB AIRSEARCH#3D146-120 Used \$3.95

CHILD'S PHONOGRAPH TURNTABLE, 7" dia plastic platter with 115 VAC 60 Hz motor; selector switch for 33-1/3 or 45 RPM. Designed for child's record player. 2 lbs. BSR #M143AC37, NEW, \$4.95

DC STEPPER MOTOR, operates from 12 V; FM armature, "Y" 4-wire winding. W/gears and 360° potentiometer; assay o/a 3x3x2, motor 1 1/2x1" dia. #11M31D3, \$3.95



R-744/PRR RECEIVER



R-744/PRR FIELD RECEIVER, 20-100 MHz AM-FM-CW in one continuous band; built-in crystal calibrator, 2 Mhz check

points. Uses sub-mini tubes 10/6611, 3/6612. Can operated with 1.5 and 45 VDC batteries (not available) or from 24 VDC 175 ma when used with PP-1481 power supply which mounts inside. 600 ohm audio output; includes voltage test meter and PP-1481. 5 $\frac{1}{2}$ x14 $\frac{1}{2}$ x6 $\frac{1}{2}$, 18 lb sh. Used-repairable \$99.50; Manual, partial repro, \$10.00; Power input connector, \$3.00
 CW-458 FIELD CANVAS BACK r/R744, used \$7.50
 MT-1988/PR MOUNTING RACK r/R744, \$10.00
 CY-2331/PR SPARES CASE (without spares), \$5.

 RT-505/PRC-25 TRANSCEIVER, 30-75.95 Mhz WRITE

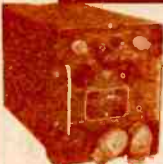
BA-4386 MAGNESIUM LONG-LIFE BATTERY for PRC-25 or -77; unused, \$8.95 or 2 for \$16.00

RECEIVER-TRANSMITTER

RT-68/GRC TRANSCEIVER, 38-54.9 Mhz FM continuously tunable or 100 KHz-step channels or two preset channels. Receives and transmits both voice and 1600 Hz ringing FM; range 10-15 miles. Receiver circuit has variable 1st IF 4.45-5.45 Mhz and fixed 1.4 Mhz 2nd IF; also squelch and 600 ohm audio output. Transmitter uses crystal-controlled oscillator and oscillator power amp; power output 2 watts (LO) or 15 W (HI). Also meter to monitor transmitter filaments and 90 V input. Requires external power supply available separately. With tubes 4/1U4, 2E24, 2/1A3, 2/1L4, 4/1R5, 2/1A2A, 1S5, 4/3Q4, 3A4, 3/3A5, 2/3B4, 6AK5. 9x13x11 $\frac{1}{2}$, 42 lbs. \$55.00
 RT-66/GRC, as above but 20-27.9 Mhz, \$27.50
 RT-67/GRC, " " " 27-38.9 Mhz, \$35.00



GRC - POWER SUPPLIES



PP-1175A/SR TRANSISTORIZED 115 VAC 60 HZ POWER SUPPLY, provides voltages to operate a RT-66, -67, or -68 plus a R-108, -109, or -110 receiver. Includes power connector, auxiliary receiver connector, & manual. 9x7 $\frac{1}{2}$ x14, 40 lbs sh wt. Unused, original-boxed \$85.



PP-112/GRC 24 VDC POWER SUPPLY for RT-66-67-68 transceivers; provides required voltages for these sets from 24 VDC 6.5 amp input. 7 $\frac{1}{2}$ x9x13, 39 lbs. Used \$25

PP-109/GRC POWER SUPPLY, as above except 12 VDC 12 A input. Used, \$34.50; Gov't reconditioned, \$49.50

PRC-10 RECEIVER-XMITTER

RT-176/PRC-10 RADIO RECEIVER-TRANSMITTER; PORTABLE UNIT OPERATING FROM 38 TO 54.9 MHz FM VOICE COMMUNICATIONS. THE RECEIVER SECTION HAS AN IF OF 4.3 MHz AND AN AUDIO OUTPUT IMPED. OF 600 OHMS. TRANSMITTER OUTPUT IS 0.9 WATTS WITH A NORMAL RANGE OF ABOUT FIVE MILES. MICROPHONE INPUT IMPED. 150 OHMS. BOTH RECEIVER AND TRANSMITTER SECTIONS ARE CONTINUOUSLY TUNEABLE. WITH CONTROLS FOR VOLUME, TUNING, SQUELCH, POINTER ADJUST AND DIAL LOCK. CONNECTOR FOR EXTERNAL SPEAKER. WITH TUBES 9/5678, 2/5672, 3/5676, 1A4 AND 5A6. POWER REQUIRED: 135 VDC, 67 VDC AND 1 $\frac{1}{2}$ VDC. LESS BATTERY CASE. ACCESSORIES LISTED ELSEWHERE. SIZE: 9 $\frac{1}{2}$ x3x10 $\frac{1}{2}$ WT: 9 LBS.
 RT-176/PRC-10 USED \$29.50
 RT-174/PRC-8, SAME AS PRC-10 EXCEPT 20.0 TO 27.9 MHz. USED-COMLETE, NOT CHECKED, \$30.
 RT-175/PRC-9, SAME AS PRC-10, EXCEPT 27.0 TO 38.9 MHz. USED, COMPLETE, NOT CHECKED, \$35.



AM-598 AMPLIFIER-POWER SUPPLY, USED WITH PRC-8, -9, -10 WHICH PLUGS INTO TOP. FUNCTIONS AS AN AUDIO AMPLIFIER AND ALLOWS FOR 24 VDC OPERATION FOR THESE TRANSCEIVERS. WITH TUBES 2/26E6, 2/12AT7, 2625 AND OC3. 11 $\frac{1}{2}$ x11 $\frac{1}{2}$ x10 $\frac{1}{2}$; 38 LBS. SH. USED, \$24.95



PRC-6 WALKIE-TALKIE



RT-196/PRC-6 FM TRANSCEIVER, single channel crystal-controlled in the 47 to 55.4 Mhz range. Range: approx. 1 mile depending on terrain and conditions. Handheld unit has push-to-talk switch, volume control, ribbon antenna, carrying strap, and provision for H-33/PT handset. Uses type CR-23 crystal (not included or available). With tubes 6/5678, 3B4, 3/5672, 2/5676, and 2G21. Requires 1.5, 45, and 90 VDC. 15x5x4 $\frac{1}{2}$, 6 lbs sh. Used, \$18.95; MANUAL, \$7.50

CY-853/PRC-6 CASE, space and padding for 42 crystals; 6 $\frac{1}{2}$ x6 $\frac{1}{2}$ x1, 2 lbs. Used, \$3.00

ID-292/PRC-6 CHANNEL ALIGNMENT INDICATOR, plugs into RT-196 and indicates relative level voltages for B+ filament, osc. injection, limiter, discriminator output, and P-A grid. Also P-A current and calibrate adjust. Unit is basic VTVM with 1 $\frac{1}{2}$ " sq. FS-500 ua-meter and 5678 tube. Power from set under test. ID-292, unused w/manual, \$22.95

GRC/PRC BATTERY TEST

AN/PSM-13 BATTERY TEST SET; DESIGNED TO CHECK GRC AND PRC-TYPE BATTERY PACKS INCLUDING BA-270, -279, -376, -377, -386/PRC-25, -398/PRC-25, -399, and -505. METER INDICATES BAD-GOOD (FS=1 MA). WITH ADAPTERS U-240, -241, -242, -297, -314, -315, -346 AND CANVAS CASE. SHPG. WT: 7 LBS. PRICE: USED, EXCELLENT, \$24.95



ME-61/GRC FIELD STRENGTH METER 1.4 TO 24 MHz IN THREE RANGES. WITH VARIABLE TUNING, SENSITIVITY CONTROL, 1 $\frac{1}{2}$ " SQUARE METER, PHONE JACK AND ANTENNA. SIZE: 5x5x4 $\frac{1}{2}$ WT: 5 LBS. UNUSED, \$24.95



RT-70 RECEIVER-TRANSMITTER 47 TO 56.4 Mhz FM VOICE COMMUNICATIONS. FEATURES CONTINUOUS TUNING OR TWO PRE-SET CHANNELS AND PUSH-TO-TALK TRANSMISSION. THE RECEIVER CIRCUIT IS THE DUAL CONVERSION TYPE WITH THE 1ST IF IF MHz AND THE 2ND IF 1.4 MHz. WITH VARIABLE SQUELCH CONTROL. 600 OHM AUDIO OUTPUT IMPEDANCE. THE TRANSMITTER CIRCUIT HAS A 500 MW OUTPUT AND AN AUDIO INPUT IMPED. OF 150 OHMS. POWER REQUIRED: 90 VDC @ 80 MA, 6.3 @ 360 MA AND 6.3 @ 160 MA. WITH TUBES: 6/1U4, 3/1L4, 2/1R5, 1S5, 1A4, 4/3Q4, 3A5, AND 3B4. RELATED ACCESSORY EQUIPMENT LISTED ELSEWHERE. SIZE: 4 $\frac{1}{2}$ x13x8 WT: 20 LBS. USED \$25.00



AM-65/GRC AUDIO FREQUENCY AMPLIFIER; THREE CHANNEL AUDIO FREQ. AMPLIFIER USED FOR INTERPHONE AND MONITORING OF VARIOUS TYPE GRC TRANS. POWER REQUIRED: 135 VDC @ 35 MA AND 6, 12 OR 24 VDC. SIZE: 4 $\frac{1}{2}$ x13x8 WT: 17 LBS. USED \$14.95
 PP-282/GRC 24 VDC POWER SUPPLY used AM-65 and RT-70. Plugs into AM-65 and the voltages for both AM-65 and RT-70. 4 $\frac{1}{2}$ x6x3, 6 lbs. Used \$5.

 PP-281/GRC VIBRATOR POWER SUPPLY, same as above but requires 12 VDC input. Used WRITE



38 TO 54 MHZ RECEIVER



R-110 RECEIVER 38 TO 54 MHz FM CONTINUOUSLY TUNEABLE, VARIABLE SQUELCH AND AUDIO, OUTPUT IMPEDANCE 600 OHMS. 4.3 MHz. I.F. WITH TUBES 3/1U4, 2/1L4, 1A3, 2/3A5, 1S5, 2/3C4, 2/6AK5 & 082. VOLTAGES REG. 135 VDC @ 70 MA. AND 6.3 VDC 2 AMPS. SIZE: 9x13x7 $\frac{1}{2}$; WT: 32 LBS. USED \$35.95

R-108 RECEIVER, SAME AS R-110 ABOVE EXCEPT 20-28 MHz. USED \$21.95

R-109 RECEIVER, SAME AS R-110 ABOVE EXCEPT 27-39 MHz. USED \$27.95

PP-282 POWER SUPPLY 24 VDC FOR R-108-109-110 RECEIVERS. MOUNTS INSIDE REC. USED \$5.95

SHOCKED-MOUNTINGS FOR GRC SERIES RADIO SETS. ALL HAVE APPROPRIATE CABLES & CONNECTORS THAT GO FROM THE MTG. TO THE SET & BATTERY, BUT THEY DO NOT HAVE JUMPER CABLE UNIT-UNIT.
 MT-297/U HOLDS R/T, PS, REC., RT-70, AM-65, C434 SIZE: 3 $\frac{1}{2}$ x13x4 $\frac{1}{2}$; WT: 75 LBS. USED \$25.00
 MT-298/U HOLDS TWO (2) R/T & TWO (2) PS. SIZE: 37 $\frac{1}{2}$ x13x4 $\frac{1}{2}$; WT: 85 LBS. USED \$20.00
 MT-299/U HOLDS ONE RT-66, 67, OR 68 & ONE PS. SIZE: 18 $\frac{1}{2}$ x13x4; WT: 50 LBS. USED \$25.00
 MT-300/U HOLDS (1) RT-70 & AM-65 (PIGGYBACK) SIZE: 8 $\frac{1}{2}$ x13x3 $\frac{1}{2}$; WT: 25 LBS. USED WRITE
 MT-791/U NO CABLES, FOR SINGLE UNITS SUCH AS REC. MD. CV. GSA. PP. ETC. SIZE: 8 $\frac{1}{2}$ x13x3 $\frac{1}{2}$; WT: 18 LBS. USED \$15.00

ACCESSORIES

CY-744/PRC BATTERY CASE r/PRC-8-9-10, \$6.00
 AT-272A gooseneck antenna base, unused, \$2.
 AT-271/PRC 7-section 8 $\frac{1}{2}$ ' whip antenna \$4.95
 AB-129 RUBBER BASE r/AT-271 (PRC-8-9-10) \$3.
 AB-591 RUBBER BASE f/AT-271 (PRC-25-77), \$4.
 AM-598 SHOCKMOUNT \$5. AM-598 AUDIO CABLE 36" w-29 MTG w/RT-77, \$4. M-80 MIC w/UG-229 \$10
 HANDSETS, H-33 w/UG-77 \$7. H-189 w/UG229 \$12
 LS-166/U LOUDSPEAKER w/UG-77....Used \$10.95
 GRC/VRC CONNECTORS, specify type and with what equipment used, \$3 each w/set purchase.
 FLUGS, used: UG-77, metal back \$3. UG-229 \$4.
 CX-1211 CONN. ASSY. f/RT66-7-8 to PPL12, \$6.
 Connector assy. sold only with set purchase.

COMBINATION OFFER when the RT-70, AM-65 and PP-282 are purchased together. All three for \$35.00

 COMBINATION OFFER with RT-70B gov't-reconditioned transceiver, \$45.00

TECH MANUALS WITH SCHEMATICS FOR:
 PRC-196/PRC-6...\$7.50
 RT-9A-10A \$7.50 AM-598.....\$3.00
 RT-66, 67 & 68...\$5.00 PP-109 & 112...\$5.00
 RT-70.....\$5.00 AM-65.....\$5.00
 R-108, 109 & 110.....\$7.50
 AN/VRC 13-15 OR AN/VRC 16-18, CONTAIN INFO & SCHEMATICS ON RT-66, 67, 68, R-108, 109, 110, PP-109, 112, VAR. MTG. CONTROL BOX ES. \$7.50



R-394/U RECEIVER, 152-172 Mhz FM single channel crystal-controlled. Dual conversion unit has first IF 7.8 Mhz and 455 KHz second IF; also squelch and muting circuits. 8 ohms output impedance. Set features modular construction with plug-in units 1st RF amp, local oscillator, 1st IF amp, 2nd IF and discriminator, and audio/squelch. 455 KHz selective filter is wired in. Also has compartment for modular power supply which is listed elsewhere on this page. Includes tubes 14/5678, 4/1AD4, 5672, 5640, 5783, and 6AK6. 8 1/2 x 5 1/4 x 14 1/2 22 lbs sh. Used \$10.95; Gov't record, \$19.95

R-257 RECEIVER, same as R-394 except covers 25 to 50 Mhz FM, used, \$12.95



T-278/U TRANSMITTER F.M. 152 to 174 MC APPROX. 30 WATTS, CRYSTAL CONTROL ON ANY TWO (2) PRESET FREQ. PHASE SHIFT MODULATION 15 KC DEVIATION, CR-27/U CRYSTAL UNIT FREQ. RANGE 4750-5437.5 KC. MULTIPLIED 32 TIMES. WITH TUBES 2/384, 3/2E24, 4/5678, 2/5672 AND 2/1AD4.

VOLTAGES REQUIRED AS SHOWN WITH DY-93 DYNAMO TCR ELSEWHERE ON THIS PAGE. USED \$14.95 SIZE: 8 1/2 x 4 1/2 x 14 1/2; WT: 12 LBS. UNUSED \$19.95

T-417 TRANSMITTER, similar to T-278 except 30-50 Mhz FM 45 watts; 2/6146's. Used \$24.95



VIBRATOR POWER SUPPLIES for R-394 and R-257 receivers; fits inside receivers; 10 lb PP-867, 24 VDC input, \$4.95 PP-868, 12 VDC input, \$5.95 PP-846, 115 VAC 60 Hz input, \$29.95

DY-93 DYNAMOTOR POWER SUPPLY for use with T-208-278-417 transmitters. Input: 12 VDC 20 amps. Output: 380 VDC 180 ma, 225 VDC 45 ma, -25 VDC 5 ma. 8 1/2 x 7 x 14, 29 lbs. Used \$9.95

CHASSIS CONNECTORS to fit R-394-257, T-208-278-416-417, DY-93-98

Specify for receiver (P252), transmitter (P401), or power supply (P1203), \$2.50 each.



CY-938 EQUIPMENT CABINET houses receiver R-257 or R-394, transmitter T-208 or T-278, power supply DY-93, -98, or -100. Aluminum; 17 1/2 x 11 1/2 x 25, 40 lbs sh wt. Used \$9.95

RF MONITOR

ID-642/FSA RADIO FREQUENCY MONITOR, USES DIRECTIONAL COUPLER WITH IN-21B DIODE TO MONITOR RF VOLTAGE LEVEL. DC VOLTAGE IS APPLIED TO TRIGGER A 24 VDC RELAY (6.5 MA 4PST) OVER A POWER SCALE OF 25-200. UNIT WAS PROBABLY CALIBRATED INTO A STANDARD LOAD. REQUIRES HN CONNECTORS. WITH TUBES: 2/OA2, 5751, 5670 6X4, AND TJ791K01 CURRENT REGULATOR. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 11 x 9 x 10 1/2; SHPG. WT: 20 LBS. UNUSED, w/SCHEMATIC, \$7.95

BC-604 F.M. TRANSMITTER 30 W. FREQ. RANGE 20-27.9 Mhz. 10 PRE-SET CRYSTAL CONTROL CHANNELS ARE POSSIBLE WITH THE PROPER CRYSTALS. WITH TUBES 4/1619 & 1/1624. VOLTAGE REQ. 12 OR 24 VDC & 625VAC @ 225MA. SIZE: 18 x 11 1/2 x 10 1/2; 60 LBS. PRICE: Unused, \$25.00

TELEGRAPH-TELEPHONE SIGNAL CONVERTER: CONVERTS 20 CPS RINGING SIGNALS TO 1225/1600 CPS RINGING SIGNALS AND CONVERTS 1225/1600 CPS RINGING TO 20 CPS. RINGING. POWER REQ; 115v 60Hz. w/2EA. 12AU7, 12AX7, 6AL5, 6X4 SIZE: 11 x 7 1/2 x 10 1/2; 18 LBS. TA-182 USED \$25.00

GE 'PROGRESS-LINE'

GE PROGRESS-LINE 50 WATT MOBILE TRANSCIEVER, single channel crystal-controlled in the 144-174 FM Mhz band Has #4ER25C2 receive, #4ET-21A2 transmit, and #4EP2B vibrator power supply sections. Transmit deck uses two 6146 tubes in P-A. Power supply requires two vibrators (not available) for 12 VDC operation. Internal trimmers for antenna tuning, coupling, and P-A plate; 21 tubes. 6 1/2 x 14 1/2 x 15 1/2, 34 lbs sh. #MA R/36N, used less crystal and cover, \$45.00 S318-GCT CONTROL PLUG, \$3. POWER PLUG, \$2.50



GE CONTROL HEAD for Progress-Line sets; with push-to-talk mic, squelch, volume control, and coil cord. 5 lbs sh wt; used, \$13. Less mic, \$4.95

MOTOROLA CONTROL HEADS, 1950's styles; similar features as above; used with mic, \$11.95

MOTOROLA TRANSCIEVER

MOTOROLA FM MOBILE TRANSCIEVER, transmits in 144-174 Mhz range, receives between 450-470 Mhz. #TD6050AB transmitter section has output of 25 watts min. (144-167 Mhz), 20 W min. (167-174 Mhz) using single crystal-controlled channel. Crystal multiplication 24 times; 50 ohm output impedance. Has nine tubes including 6146 in power amp. #XRE1000-AH receiver has dual squelch "Private Line" or separate tone-controlled and carrier squelch circuits. Two crystal-controlled channels; 455 KHz final I.F. Audio output 2 watts into 8 ohms. With 14 tubes. #XFN-6003B transistorized power supply requires 12 VDC input to supply voltages for transmitter and receiver. Crystals and accessories not available. 6 x 10 x 19 1/2, 28 lbs. Used less 6146 tube, \$18.95 each. Schematic set, \$5.00



C-847 RADIO CONTROL BOX; USED TO CONTROL THE SYSTEM, HAS HEAVY ALNICO MAGNET 4" SPEAKER FOR MONITORING REC. CONTROLS FOR SQUELCH, VOLUME ON/OFF SW. PILOT LIGHTS AND RECEPTACLE FOR H-33 HANDSET WHICH HAS UG-77 SIZE: 9 1/2 x 5 1/2 x 3 1/2; WT: 6 LBS. Unused, \$9.95 H-33/PT HANDSET WITH CORD & UG-77 \$6.95

MOBILE TRANSCIEVER

AN/VRC-51 FM MOBILE TRANSCIEVER, single channel crystal controlled in 132-152 Mhz range; 30 watt output w/6146 in power amp; 22 other tubes. Internal trimmers for antenna tuning, coupling, and PA plate. Includes C-3691 solid-state power supply and control which has speaker, volume, and squelch; also interconnect cable. Requires 12 or 24 VDC; Comco mfg. 12 1/2 x 6 1/2 x 9, 27 lbs sh. Used, \$59.50; Mic, \$5.00 w/purchase.

PRC POWER SUPPLY

PP-351 POWER SUPPLY, DESIGNED TO PROVIDE REGULATED DC POWER FOR TESTING PRC-6, -8, -9, -10; SCR-510, -610; AND BC-1000 MANPACK TRANSCIEVERS. HAS METERING FOR EACH OF FIVE VARIABLE OUTPUTS. INPUT/OUTPUT CABLES NOT AVAILABLE. POWER REQUIRED: 115/230 VAC 50-60 HZ. 25 x 11 1/2 x 14 1/2; 150 LBS. SH. USED, \$45.00

C-845 RADIO CONTROL

C-845/U RADIO CONTROL, used with R-394-257 receivers and T-208-278-417 transmitters. Contains three tube microphone amp with line level meter which allows the signal to be adjusted to modulate the transmitter. Also has heavy duty 4" speaker for monitoring a receiver and tone generator for signaling purposes. Controls for intercom, microphone volume, and speaker volume and UG-77 plug. 600 ohm input impedance. Unit includes PP-846 AC power supply which mounts inside. Requires 115/230 VAC 50-60 HZ. 8 1/2 x 13 1/2 x 13 1/2; 40 lbs sh wt. Used, \$44.50; schematic, \$2.00



PP-804 POWER SUPPLY

PP-804 AC POWER SUPPLY, designed to power T-208-278-417 transmitters from 115/230 VAC 50-60 Hz input. Output: 500 VDC 250 ma, 225 VDC 45 ma, 1.25 VDC 1 amp, 1.25 VDC 2 amps, -25 VDC 5 ma, 6 VDC 300 ma, 6 VAC 900 ma, and 6 VAC 2.1 amps. 8 1/2 x 7 x 14 1/2; 46 lbs sh. Used, \$40.00; Manual, partial repro \$8.50 Schematic only, \$2. Mating connector, \$2.50



PVS-3 NIGHT VISION

AN/PVS-3 MINIATURIZED STARLIGHT SCOPE ASSEMBLY, night vision device originally used for weapon's sighting but probably adaptable for other uses. Assemblies consist of front optics, intensifier tube housing, and weapon's mount for M-16 rifle with adapter bar. Units designed to use mil-8358 image intensifier tube (current Varo #1462-series priced over \$1800.00) which magnified existing light 40,000 times and had automatic brightness feature. Useful cathode diameter 18 mm. Required 2.65 VDC supplied from BA-1533 battery (not available). Sets are sold less intensifier tube and rear ocular sighting piece; adjustments may be required. Size: 2 1/2" dia X 11" housing; 6" high with mount. Used, as above with case, \$165.00 Marginal light filter, for daytime low-light use, \$12.00 when purchased with assembly.



CX-2371 CABLE ASSEMBLY USED FOR CONNECTING R-394-257 REC. T-208-278, 416, 417 TRANS. TO THE VARIOUS CABINETS SO THE UNITS CAN BE SERVICED OUTSIDE THE CABINETS.



CX-2341 CABLE FOR CONNECTING CONTROL BOX TO CABINET. NO PLUGS ON CABLE. 5 FOOT LENGTH \$5. MAXIMUM LENGTH 15'

PP-638/U POWER SUPPLY USED WITH AM-494 & AM-495 POWER AMPLIFIERS. INPUT 115/230 VOLTS 50/60 CYCLE, OUTPUT 1100 VDC @ 320 MA, 230 VDC @ 60 MA AND 6.3 VAC @ 5.2 A. 2 1/2" RUGGEDIZED METERS 50 MADC 500 MADC AND 1.5 KVDC ALSO BLOWER FOR COOLING. UPPER COMPARTMENT SIZE 15W X 9 1/2 H X 8 1/2 D. SIZE: 31 1/2 x 20 1/2 x 24 1/2; WT: 150 LBS. PRICE: RE-NEW \$79.50



SPEAKERS

IS-166/U LOUDSPEAKER, housed in cast-aluminum case, speaker is 4" dia. with heavy-duty FM magnet, 600 ohm matching transformer with 8 ohm output and HI-LO switch, 6 foot cord with UG-77 connector. Unit is used with most GRC/VRC radio sets. 5 x 5 x 3 1/2, 5 lbs. Used, \$14.00

ST-136/PRC BACKPACK HARNESS for carrying RT-505/PRC-25 or RT-841/PRC-77 transceivers; may have worn areas in canvas but usable. 5 lbs sh wt; used, \$14.00

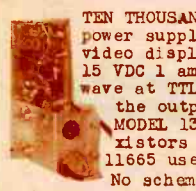




RECEIVER POWER SUPPLIES w/ SPEAKER for 115 VAC 60 Hz operation of the following
 BC-453-454-455-946
 R-23-24-25-26-27/ARC-5
 R-10-11-15-19-22 ARC-type
 BC-348 BC-639

Include dynamic speaker housed in metal cabinet with connecting cable, phone jack, volume control, EFO switch (if applicable). Output: 200/250 VDC 90/60 ma and 24 VAC 2 amps; usable with other receivers having similar requirements. Dimensions and parts vary with availability of materials. SPECIFY receiver type; 10 lbs. KIT, \$32. WIRED, \$40.

DC POWER SUPPLIES from 115 VAC 60 Hz input; our construction: KIT WIRED
 #24VDC2A, 24 VDC 2 amps, 12 lb \$17 \$22.95
 #24VDC4A, 24 VDC 4 amps, 14 lb \$20 \$25.95



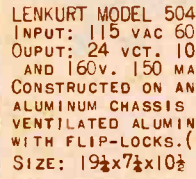
TEN THOUSAND VOLT DC to DC power supplies, p/o Sanders video display. Requires 10-15 VDC 1 amp 5-7 Khz square wave at TTL levels to drive the output amplifier. MODEL 13904 uses 2/2N3055 xistors or equal. MODEL 11665 uses one TO-3 xistor. No schematic. 10x5x6, 5 lbs. GOOD EXPERIMENTER ITEM #11665

#13904 \$12.95 \$9.95 \$7. #11665 \$6. \$4.95 \$2.95



PE-110 POWER SUPPLY FOR BC-669 TRANSMITTER-RECEIVER. INPUT 115 VOLT 60 CYC. OUTPUT 520 VDC @ 420 MA. A 12 VDC VIBRATOR TYPE POWER PACK WITH AN OUT PUT OF 275 VDC @ 64 MA THAT PLUGS INTO THE CHASSIS SERVES AS A RECEIVER STANDBY. INCLD. FOUR 5Z3 TUBES, RESET CIRCUIT BREAKERS, A.C. OUTLETS, AND SUFFIX LETTER, TUBE COMPLEMENT AND SIZE MAY VARY. 20x9x12; 75 LBS. USED REPARABLE \$25

LENKURT MODEL 5047A POWER SUPPLY, INPUT: 115 VAC 60 HZ. OUTPUT: 24 VCT. 10 AMPS AC AND 160V. 150 MA DC. CONSTRUCTED ON AN ALL-ALUMINUM CHASSIS WITH VENTILATED ALUMINUM COVER WITH FLIP-LOCKS. (NOT SHOWN) SIZE: 19x7x10 1/2 WT: 45 LBS. \$19.95

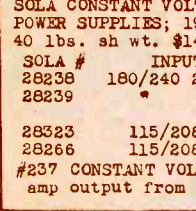


FGC-29/1640 POWER SUPPLY, rated output 40 VDC 30 ma or 35 VDC 40 ma from 115/230 VAC 60 Hz input. However, the transformer is rated 180 VDC 40 ma and 6.3 V 1.7 A out. Also has 10 Hy 55 ma choke, 450 mF 50 VDC capacitor, 6X4 tube. 5x4 1/2 x 4 1/2, 5 lbs sh. Used, \$9.95



LAMP POWER SUPPLY, an item for the experimenter who finds the 120 VAC 9000 Hz out from 120 VAC 60 Hz input intriguing or finds the supply a good source of useable parts. Consists of two 6X4 heat-sinks each w/2N3055, transformer w/2-4 VCT 500 ma outputs, ferrite core autotransformers, PC board. 4 1/2 x 8 1/2 x 3 1/2, 9 lbs. GE#9T69Y1500-04, \$4.95

SOLA CONSTANT VOLTAGE DC POWER SUPPLIES; 19" x 6" 40 lbs. sh wt. \$14.95
 SOLA # INPUT OUTPUT
 28238 180/240 200/260 200 VDC 1.5 A
 28239 " " " 120 VDC 1.1 A
 " " " 20 VDC 2.0 A
 28323 115/208/230 120 VDC 2.0 A
 28266 115/208/230 20 VDC 4.0 A
 #237 CONSTANT VOLTAGE TRANSFORMER, 6.5 V 25 amp output from 90-130 VAC 60 Hz input, \$15.



VERY HIGH VOLTAGE DC POWER SUPPLY WITH 107-125 VAC 60 Hz PRIMARY. TWO OUTPUTS: -5.4 TO 5.75 Kv. @ 140 TO 300 u-A. ONE OUTPUT: -5.1 TO 5.3 Kv. @ 100 TO 270 u-A. SIZE: 12 1/2 x 2 1/2 x 4 1/2 WT: 10 LBS. GE#9T63Y2029G6, Used, \$10.95

COMPUTER POWER SUPPLIES

SOLID STATE POWER SUPPLIES rated conservatively and constructed on rugged steel frames. Units have front voltage adjust +10% running light, AC reset. Also adjustable current limiting and overvoltage protection. Power input: 115 VAC 60 Hz. Removed from equipment.



Add \$10.00 to prices for "checked" units.
 RATING SIZE Sh wt No. PRICE
 4 V 30 A 13 1/2 x 7 x 15 1/2 65 lbs 926 \$30.00
 4 V 75 A 19 1/2 x 7 x 20 125 lbs 850 60.00
 12 V 5 A 9 1/2 x 7 x 16 35 lbs 655 37.00

20-24 V 5.5 A 9 1/2 x 7 x 20 47 lbs 332 39.95
 24 V 12.5 A 13 1/2 x 7 x 15 1/2 65 lbs 4291 30.00
 (#4291 is harmonic regulated type)
 30 V 3 A 15 1/2 x 7 x 19 1/2 38 lbs 889 27.50
 32-36 V 4.8 A 9 1/2 x 7 x 19 37 lbs 3236-48 27.95
 (#3236-48 includes 12-36 V conversion info)

DUAL POWER SUPPLY, same style as above, -32-36 V 14.7 A and -32-36 V 10.3 A; Two independent regulators w/common buss. 20x12x14, 125 lbs sh. #450, \$60.00



CASH REGISTER POWER SUPPLY WITH 6 VDC GEL-CELL BATTERY OUTPUT FOR MEMORY. ALSO +6, +10, +15, AND -24 VDC FROM 115 VAC INPUT. 8x8x7 1/2; 22 LBS. SH. ORIGIN ELEC. #008-0202550A, UNUSED, \$45.00 \$25.

OPEN FRAME REGULATED

COMPUTER POWER SUPPLY TRANSISTOR REGULATED OPEN CONSTRUCTION WITH ADJUSTABLE VOLTAGE 20% AND CURRENT LIMITING UNITS WHERE OVP IS NOTED ALSO HAVE ADJUSTABLE OVERVOLTAGE PROTECTION. UNITS ARE IN GOOD CONDITION-REPARABLE. ORDER BY RATING AND PART NUMBER.

RATING	SIZE	SH WT.	No.	PRICE
5v 2A	14x4 1/2 x 5	16	1C12-01	\$10.95
5v 4A	"	16	1O14-33	14.95
8v 4A OVP	"	16	1O14-21	14.00
12v 3A OVP	"	16	1O14-22	25.00
12v 6A	14x8 1/2 x 5	23	1O18-32	35.00
12v 6A OVP	"	23	1C18-22	37.00
30v 3A	"	23	1O18-23	22.50
30v 3A OVP	"	23	1O18-33	25.00
35-40v 500W OVP	14x8 1/2 x 5, 60 Lb.	1037-12		\$35

PS601301 TRANSISTOR REGULATED POWER SUPPLY produces independent +12 VDC 2.7 A. and -12 VDC 1 A. outputs w/overvoltage protection which can be used in series. Also -6.8 V 300 ma output. 9x5 1/2 x 7; 16 lbs. Used, \$14.95
 Schematic for 115/230 V operation included.

SCOPE POWER SUPPLY

HFE CRT POWER SUPPLY; HAS 6.5 KV LOW CURRENT OUTPUT WHEN USED WITH 10 VDC 1.75 AMPS DC-TO-DC INPUT CONVERTER. WILL PRODUCE 7.5 KV FROM 12 VDC INPUT. OTHER LOW CURRENT OUTPUTS OF -2500 AND -1500 VDC. TRANSISTORIZED WITH COVER AND CONNECTORS. 11x6x5 1/2, 10 LBS. USED, EXC., \$15.95
 HFE LOW VOLTAGE POWER SUPPLY; OUTPUT: 10 VDC 1.75 AMPS, ADJUSTABLE -1 V. INPUT: 115 VAC 60 HZ. TRANSISTORIZED WITH FUSE AND CONNECTOR. 10 1/2 x 6 1/2 x 4; 12 LBS. REMOVED F/EQUIP., \$7.95
 HFE CRT AND LV POWER SUPPLIES AS SET, \$20.00



BREAKER 12.5 VDC 2.5 AMP POWER SUPPLY; 4 AMP SURGE, 4 AMP CIRCUIT BREAKER. 4-5/8x2 1/2x6 1/2; SHPG. WT: 6 LBS. #13-110, NEW, \$20.

MICROCOMPUTER POWER SUPPLY, uses TWO 3-TERMINAL REGULATORS AND A 723 WITH TIP3055 TRANSISTOR. INPUT: 115 VAC 60 HZ; OUTPUT: -25 VDC 180 MA; -5 VDC 800 MA, -15 VDC 1.25 AMPS. WITH SCHEMATIC. SIZE: 3 1/2 x 5 1/2 x 4; SHPG. WT: 10 LBS. #ECRPS-744, \$10.95

UNUSUAL TUBES for collectors and experimenters. Filaments checked but not guaranteed.

JAN 218 RECTIFIER TUBE, 1/2 wave high vacuum; jumbo 3-pin base. 15 1/2"Hx5" dia \$10.
 MATCHLETT ML-500 HV TUBE, 15 1/2"H x 5" dia. \$12.00
 JAN 705A RECTIFIER, 4-pin base. 5"H x 2 1/4" dia. \$5.
 JAN 715B PULSE AMP TETRODE 4-pin base, similar shape as 705A; 5 1/2"Hx2 1/2" dia. \$6.
 WESTINGHOUSE CL-2 TUBE WITH-IN-A-TUBE, 12 1/2"Hx2" dia \$7.

TAYLOR TZ-20 zero-bias Class B audio, 20 W plate dssp; .70 W/pair push-pull. 7.5 V fil, 4-pin base. Old--Unused w/data \$4.

MAGNETRONS

MAGNETRON TUBES LESS EXTERNAL MAGNETICS. USED, \$24 EA. SPECIFY:
 2J26 (2992-3019 MHZ); 2J28 (2939-2965 MHZ);
 2J29 (2914-2939 MHZ); 2J39 (3267-3333 MHZ);
 2J61 (2992-3100 MHZ); 2J62 (2914-3019 MHZ);
 725A (USED IN APS-4 RADAR).
 S-300 TUBE (OPEN FILAMENT), 10" LG. 3" DIA. As-Is, \$4.

500 MHZ TRANSMITTING TUBE 8012-A TRIODE
 DIRECT WIRE FILAMENT: 6.3 V. 1.92 AMPS. MAX. PLATE: 1000 V. 80 MA. 4.5 W CAP: G-F 2.7; P-F 0.4; G-P 2.5 MJ 18; GRID CURRENT 20 MA
 CLASS "C". TELEGRAPHY 35 W W/DATA, UNUSED, TELEPHONY 20W \$2.00 EA. 4 FOR \$6.
 8025 TRIODE. same as 8012 but 4-pin base, \$3.

ELECTRONIC PHOTO-FLASH TUBE R4330 SYLVANIA, OPERATING VOLTAGE 2250, 6 FLASHES PER/MIN 100 WATT-SEC/FLASH MAXIMUM, PEAK LIGHT OUTPUT 12,000,000 LUMENS, INTERGRATED LIGHT OUTPUT 3500 LUMEN SEC. FLASH. \$10 OCTAL CER.SOC. 50d

THYRATRON

GE #47J1 SOLID-STATE THYRATRON, used-subject to test \$9. Amphenol #146-106 SOCKET for 47J1, C6J, \$2.

FIELD TELEPHONES

TP-3 SOUND-POWERED FIELD TELEPHONE, portable hand-ringing magneto type. Two or more can be used in two wire system. Signaling range 15 miles; voice range less than 2 miles. With carrying case and strap. 8x10x3 1/2, 19 lbs. Used-checked \$55.
 ER-8 FIELD PHONE, similar to TP-3 except requires two "D" cells instead of sound power and has extended voice range. WRITE
 H-102 FIELD PHONE, similar to above except requires 3 and 6 VDC; 15 lbs. Used, \$30.00

DC TO AC CONVERTER

FU-141B DC TO AC ROTARY CONVERTER, changes 32 VDC 20 amps into 110 VAC 60 Hz 4.55 amps; motor speed 3600 RPM. 7 1/2 x 13 x 9, 50 lbs sh. Unused, \$105.
 FU-141A ROTARY CONVERTER, similar electrical characteristics as B-model except 1800 RPM motor speed. 10 1/2 x 15 x 10 1/2, 150 lbs. Unused \$75.

12 VDC 3.5 AMPS and 4 VDC 17.5 AMPS from 115 VAC 60 Hz input; has current limiting and overvoltage protection. 4 V output adjusta to 5 V; 14x8 1/2 x 6, 35 lbs sh. #9566WC, \$30.00

#9566-LC, same as above power supply only less regulator cards. Has output transistors and heatsinks; nice foundation, \$20.

230 VDC TRANSISTORIZED POWER SUPPLY, 115 VAC 60 Hz input. Units marked "200 VDC" but they test at 240 VDC 300 ma. 5x4x5, 15 lbs. #3930, NEW, \$22

LEDEX

LEDEX HEAVY DUTY SOLENOID #S-8210-025, 8-position 45° stroke, 28 VDC Starting torque: 5 lb-in @ 35 watts (15 lb-in holding) continuous duty. Upto 32.8 lb-in starting torq. @ 700 watts 1/20 duty. 73 size: 2 1/2" dia x 1-7/8" with 1/2" x 3/8" dia. shaft. 4 lbs. Unused, \$4.95



OPEN FRAME, SPDT 5.5-7.5 VAC coil; CONTACTS RATED 5 A 115 VAC. 1 1/2" x 1 1/8" x 3/8" #5945-233-1398, \$1.25

ALLIED CONTROL T255X-18, COIL 115 VAC 2580 OHMS. GOLD-PLATED DPDT CONTACTS RATED 5 A 29 VDC. 1 1/2" x 7/8" x 1-3/8". Unused, \$3.00 ea.

4PDT RELAYS, 110 VDC, heavy contacts. 2x2x1 1/2". Removed. #DOX187T, 5000 coil, \$2.00 DUAL COIL each 3PST; one 24 VDC, other 48 VDC. PCB mtg. 2 1/2" x 1 1/2"; #116-2601, \$2.50

TIME DELAY/SEQUENCE RELAY, has 3-SPDT & 1-DPDT 12 VDC 6 A. relays. Delay sequence ON/3.5s/5.0s/10 sec. Solid-state w/24 V 1 amp transformer, 250 mfd 50 VDC cap. 115 VAC 60 Hz input. 7 1/2" x 3 1/2" x 3, 3 lbs sh. #140-PL97C \$6.95

SIGMA DC RELAYS; OPEN-FRAME, 2 AMP CONTACTS, 1 1/2" x 2 1/2" x 1 1/2" REMOVED F/EQUIP. #41F500S-SIL, 6 VDC, \$1.00 #41F1000S-SIL 12 VDC, \$1.50

GUARDIAN ROTOMITE STEPPER, 12 VDC 12 position 3 amps resistive. 3x 1 1/2" x 1 1/2"; #705-12P-12D NEW \$4.

LEDEX PUSH-FULL SOLENOID, 24 VDC short-stroke flat-face; size 5, 1-7/8" dia. 2 lbs. #124-033-001 NEW \$3.

RELAY ASSORTMENT Various 6-12-24-48 VDC ratings; sealed, open, plate, telephone types. 6/\$2.00

RHEOSTAT CONTROL UNIT FOR HEATED CLOTHING; 100 WATT 5.75 OHM RHEOSTAT MOUNTED IN CONTROL BOX WITH INDICATOR KNOB ALSO ON/OFF SWITCH & DUAL LOCKING TYPE SOCKETS FOR INPUT AND CONTROLLED OUTPUT VOLTAGES. Size: 5x4x2; WT: 3 LBS. TYPE C-1C UNUSED \$2.95

E-T-A CIRCUIT RESET push switches, type 45-700-P. Fits into 3/8" hole; requires 2" depth. O/A 1 1/2" x 2 1/2" x 1 1/2"; Used. 250 VAC 5 amp, \$2. 15 A, \$2.50

ROTARY SELECTOR 24 VDC with two decks each 12-position 2-pole shorting and one deck 12-pole 2-pole non-shorting. 2-1/8" x 2-1/8" x 2, 2 lbs sh. #RS-24V-3D, used, \$3.50

STEPPING SWITCH 8-deck 20-position 24 VDC Clare Type 20 6x6 1/2, 5 lbs. #A320759 \$10

9-deck 25-pos 24 VDC \$7.50 #7709181-PL, 9-deck 26-position 24 VDC, \$9.95

P&B KR-4175-1 DPDT PLATE RELAY; sealed metal can, requires octal socket. 2 1/2" x 1 1/2" x 3/8". Unused, \$2.00

P & B 3PDT PLUG-IN TYPE RELAY WITH 24 VDC COIL. 120 VAC 10 A. CONTACTS. #KUPI4015, w/Socket, \$2.95

AC CONTROL RELAY, 120 VAC COIL; SPST N. OPEN 10 A. AND SPST N. CLSD. 10 A. CONTACTS. SEALED CAN, SOLDER TERM. 3 STUD MTC. 2 1/2" x 1 1/2". #7321/6717, \$2.50

LOW CURRENT RELAY, 13 V. MIN.; 2500Ω, SPDT 10 A. CONTACT; USABLE F/ALARM CIRCUIT W/LOW STANDBY CURRENT 2x2x1; P&B #LN-1600-1 \$3.95

MOTOROLA #25181001 FOR ONE CRYSTAL AS USED IN R-394-257 RECEIVERS. \$1.95

MOTOROLA #25181003 FOR TWO CRYSTALS AS USED IN T-278-208 ETC. TRANSMITTERS \$2.50

JK-02 CRYSTAL OVEN FOR CR-26 CRYSTALS, OPERATES FROM 6.3-24.2 V. AC/DC, OCTAL BASE. MOTOROLA #25181001 FOR ONE CRYSTAL AS USED IN R-394-257 RECEIVERS. \$1.95

MOTOROLA #25181003 FOR TWO CRYSTALS AS USED IN T-278-208 ETC. TRANSMITTERS \$2.50

HEINEMAN MODEL AM121K, 2 1/2" x 2 1/2" x 1 1/2" 12 VDC 3 A \$1.25 50 VDC 3 A \$1.35 50 VDC 40A \$1.50 AM1516 50 V 100A 4x3 1/2" x 1 1/2" \$4. AM12 115 VAC 60 Hz \$1.50 ea AMPs: .93, 1.75, 4.2, 5.15

MIRRA 25 WATT "ANTIQU" POTS w/ knob and pointer. Looks like those used in 1920's radios. Specify ohms: 6, 250, or 400. Unused, \$4.50

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100 KHZ CRYSTAL OVEN, 115 V heater for 65° C oven thermally isolated and shielded with 65° xtal thermometer; Knight octal based xtal. 5 1/2" x 2 1/2" x 3 lbs; f/counter. #H-F-G69B-2, used, \$17.50

FT-241 CRYSTALS f/BC-604, 684; channels 0-79. No choice 3/11. Choice \$1.50 200 KHZ FT-241 XTAL, \$3.50

1000 KHz CRYSTAL, temp. coeff. 0.0001% (±10 Hz/°C. Octal base; f/BC21-TS323-LM21 freq. meters. Jocket wiring may be changed. \$11.

JK-02 CRYSTAL OVEN FOR CR-26 CRYSTALS, OPERATES FROM 6.3-24.2 V. AC/DC, OCTAL BASE. MOTOROLA #25181001 FOR ONE CRYSTAL AS USED IN R-394-257 RECEIVERS. \$1.95

MOTOROLA #25181003 FOR TWO CRYSTALS AS USED IN T-278-208 ETC. TRANSMITTERS \$2.50

HEINEMAN MODEL AM121K, 2 1/2" x 2 1/2" x 1 1/2" 12 VDC 3 A \$1.25 50 VDC 3 A \$1.35 50 VDC 40A \$1.50 AM1516 50 V 100A 4x3 1/2" x 1 1/2" \$4. AM12 115 VAC 60 Hz \$1.50 ea AMPs: .93, 1.75, 4.2, 5.15

MIRRA 25 WATT "ANTIQU" POTS w/ knob and pointer. Looks like those used in 1920's radios. Specify ohms: 6, 250, or 400. Unused, \$4.50

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\$3.00 each ***** AM-598 PP-367-868 -869

\$5.00 each ***** PP-846 DY-93-98-100 ARC-27 O.I. ARN-59 O.I.

\$5.00 each RT-66-67-68 RT-70 AM-65 R-520 (mil-Zenith Transoceani PRC-9A-10A AR/ARR-5 R-108-109

EC-321AH only PP-281-282 -484 repro FR-804 PP-109-112 AR-26

FGC-20 & 21 contains TT-98, -99, -100 and PP-97B, \$10.

REPRODUCTIONS of schematics \$1.50 and up. WHITE.

TEST EQUIPMENT MANUALS AN/TRM-1 repro \$10.00 AN/URM-25D repro 10.00 AN/URM-25F repro 10.00 AN/URM-26B repro 12.00 SG-12/URM-48 repro 12.00 TR-40C/URM-61 repro 17.00 TS-621/URM-52 repro 10.00 FR-5/URM-50 7.50 TS-510/USM-44 repro 10.00 AN/USM-50 repro 10.00 AN/USM-105 repro 17.00 AN/USM-116 repro 10.00 AN/USM-117 repro 15.00 AN/USM-140 repro 17.00 FR-149/USM-159 repro 10.00 BC-221 f/most models 7.50

Reproductions \$8.50 each: ME-6D ME-26 Q3-8 SG-92 TG-148 TS-352 TS-375 TS-382 TS-433B TS-497B TS-505 TS-1060 TV-7/U IP-173B PRM-10 TV-2 or TV-10A, \$10 each.

TEK G \$6.00 TEK H \$6.00 W 6.00 1A1 8.50 1A2 7.50 1A4 7.50 1A5 7.50 130 6.00 131 6.00 132 6.00 453 8.50 556 8.50 CA partial repro, 8.50 HICKOK 1805, part-repro \$15 *****

TOOLS & TECHNIQUES, \$4.95 AUDIO FREQ TESTERS, 4.95 RADIO FREQ TESTERS, 4.95 I.C. TEST EQUIPMENT, 4.95 TI SEMICONDUCTOR MEMORY BOOK (1975), 272 pp, \$1.00

1982 RADIO AMATEURS HANDBOOK \$12. SOLID STATE BASICS f/amateurs \$5. SOLID STATE DESIGN f/amateurs \$7. ANTENNA BOOK, theory and instruction on antennas, \$8. ANTENNA ANTHOLOGY, articles from QST on antennas, \$4. LICENSE MANUAL, a study guide for the novice, \$4.00 UNDERSTANDING AMATEUR RADIO, an introduction, \$5.00

OPERATING GUIDE, \$5.00 HINTS & KINKS, \$4.00 FM & REPEATERS f/3 1/2, \$5 SINGLE SIDEBAND f/3 1/2, \$4. RADIO FREQUENCY INTERFERENCE, \$3. L/C/F CALCULATOR \$3 TUNE IN THE WORLD OF HAM RADIO, wkbook & cassette \$8.50 BASIC BOOK OF HAM RADIO, \$4.95 WEEKEND PROJECTS, \$3.00 ELECTRONICS DATA BOOK, circuit collection f/radio, \$4.

VINTAGE RADIO 1897-1929, pictorial story of radio's early years; 1000+ pictures and commentary, 253 pp. Softbound, \$9.95; A FLICK OF THE SWITCH 1930-1950, sequel w/TV, \$9.95 1921-1932 RADIO COLLECTOR'S GUIDE, listing of over 9000 radios, 1100 mfgs; 263 pp. Softbound, \$9.95 MOST-OFTEN-NEEDED 1926-1938 RADIO DIAGRAMS, reprint of Beitman's book of 600 old radio schematics, \$9.95

ARRL BOOKS

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ARRL BOOKS

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ARRL BOOKS

TABLES: All manuals include maintenance info & schematic unless noted otherwise. O.I. Operating info only M.J. No schematic repro -Partial reproduction w/operating, maintenance info & schematic.

***** AN/ARC-5 BENCH TEST and ALIGNMENT, covers necessary info to align R-23A, R-148, R-25-26-27 receivers; T-18 thru T-22mitters; and MD-7 modulator. W/schematics; repro. \$7.50 ***** AR/ARC-27-55 \$15.00 AR/ARC-38 repro 17.00 AR/ARC-38A repro 30.00 RT427/ARC-39 repro 10.00 AR/ARC-44 8.50 ARC-60 (R19-CV431) 8.50 ARC TYPE 12 including R-10-11-15-19, T-11-13, and related equip. 8.50 AR/ARR-30 repro 10.00 R-648/ARR-41 repro 15.00 AR/ART-13 transmitter only, repro 12.00 AN/ARR-4 repro 10.00 AN/ARC-9 8.50 AN/ARC-10 8.50 AR/ARC-19 10.00 AN/ARR-52 repro 17.00 R-395/PRD-1 repro 15.00 AR/ARC-1 (T-14, R-19, and AR-8 pwr amp) 8.50 AR/ARC-2 (TCO/R-48) 8.50 AN/URC-19 (R394/T278) 8.50 R-391/URR repro 17.00 BC-229 7.50 BC-348-J-N-Q repro 10.00 BC-348-K-L-R repro 10.00 BC-624/625 repro 12.00 BC-639 repro 8.50 BC-669 repro 8.50 BC-779/1004 10.00 CV-157 repro 15.00 CV-591 (MSR-4) repro 8.50 R-140 (HRO-F) repro 10.00 R-220/URR-29 repro 17.00 R-274 repro 12.00 R-388 (5175) repro 10.00 R-390 repro 15.00 R-390A maintenance 12.00 R-392 repro 15.00 SP-600-JX repro 10.00 T-195 8.50 TCS-12 repro 12.00

U.S. ARMOR COMMUNICATIONS ELECTRONICS DATA (book), July 1973; descriptions of mil-radio equipment, \$3.00 *****

A USERS GUIDE TO ARC CORP RECEIVERS --by M. Tauson; ARC-5, ARC-type 12, etc \$4.

THE CHALLENGE OF 160 by Si Dunn; for the amateur who works 160 meters, \$4.95

LOW & MEDIUM FREQUENCY SCRAPBOOK by W2LMB, \$6.95

NEW RTTY HANDBOOK, \$3.95

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CRYSTALS

FT-241 CRYSTALS f/BC-604, 684; channels 0-79. No choice 3/11. Choice \$1.50 200 KHZ FT-241 XTAL, \$3.50

1000 KHz CRYSTAL, temp. coeff. 0.0001% (±10 Hz/°C. Octal base; f/BC21-TS323-LM21 freq. meters. Jocket wiring may be changed. \$11.

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MOTOROLA #25181003 FOR TWO CRYSTALS AS USED IN T-278-208 ETC. TRANSMITTERS \$2.50

CIRCUIT BREAKER

AIRCRAFT CIRCUIT BREAKERS, 24 to 30 VDC. AN-3160 1s toggle style. AN-3161 push-button type. Removed. AN3160 20, 25, or 50 amps, \$1.95 each AN-3161 5, 10, 15, or 30 amps, \$1.00 each.

HEINEMAN MODEL AM121K, 2 1/2" x 2 1/2" x 1 1/2" 12 VDC 3 A \$1.25 50 VDC 3 A \$1.35 50 VDC 40A \$1.50 AM1516 50 V 100A 4x3 1/2" x 1 1/2" \$4. AM12 115 VAC 60 Hz \$1.50 ea AMPs: .93, 1.75, 4.2, 5.15

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RHEOSTATS

RHEOSTAT VALUES: FIRST SET OF NUMBERS AFTER RHEO-PREFIX IS THE WATTAGE. YOU INDICATE DESIRED OHMS IN SECOND SET. SCD= SCREWDRIVER ADJUST.

#RH20-25W-(ohms), \$1.25 1 2 5 6 10 12 15 25 35 50 55 60 75 100 125 175 200 250 300 350 400 500 600sed 1K 1500 2500 3500 5K 10K 20K

#RH80-50W-(ohms), \$1.75 ea 6 8.5 12 15 16 17.5 20 30 35 45 50 60 150 200 225 375 220 500 2.5Ksed 10K

#RH80-75W-(ohms), \$2.25 ea 15 25 75

#RH80-100W-(ohms) \$2.75 ea 7.5 20 100 500 1500 3.5Ksed

#RH80-150W-(ohms) \$3.50 ea 0.5 3(taper) 25 80 750

300 WATT 0.2 ohms, NEW, \$10

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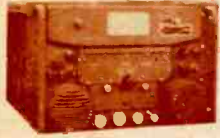
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MAGAZINES

We carry current issues of CQ \$2.00 QST \$2.50 Ham Radio \$2.50 73 \$2.50

225-399.9 MHZ RECEIVER



R-278 RECEIVER, 225 to 399.9 Mhz AM; crystal frequency control for 1750 channels in 100 KHz steps; ten preset channels. Audio freq response: 200 Hz-20 KHz (wide), 200-5 KHz (narrow). Has AVC, squelch, and 44 tubes; unitized chassis, rackmount. 12x19x20, 115 lbs sh wt.

Used, less guard channel, repairable, \$125. MANUAL, partial repro, \$15. Schematic, \$2.50

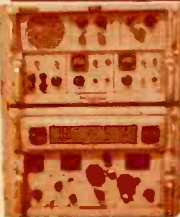
R-648/ARR-41 RECEIVER

R-648/ARR-41 RECEIVER 190-550 KHz and 2-25 Mhz AM-CW in five bands. Mechanical digital-type tuning in 1 KHz steps. 500 KHz final IF; mechanical filters 1.4 and 6.0 KHz. Controls for BFO, sensitivity, broad-sharp voice or CW, and dial lock. With tubes 2/5726, 7/5749, 2/5750, 2/5814, 5654, 5686, 6AUG6, and OA2. Requires 24 VDC 4 amps input for dynamotor. 7x16x13, 35 lbs sh. Used, repairable, \$145.00; Checked, \$205.00



MANUAL, partial repro, \$15. Schematic, \$2.50 Power input connector, \$3.00 w/set purchase.

2-32 MHZ SSB RECEIVER



AN/FRR-59A TRIPLE CONVERSION SSB RECEIVER WITH FULL CARRIER SUPPRESSION FROM 2 TO 32 MHZ IN FOUR BANDS: (2-4) (4-8), (8-16), AND (16-32) MHZ. RECEIVES LSB, USB, AM, CW, AND MCW SIGNALS; LSB AND USB RECEPTION POSSIBLE SIMULTANEOUSLY OR SEPARATELY. INCREMENTAL OR CONTINUOUS DIGITAL TUNING IN 0.5 KHz STEPS. INTERMEDIATE

FREQUENCIES (IF): 1625-1725 KHZ, 220 KHZ, AND 80 KHZ. BUILT-IN 1 MHZ CRYSTAL CALIBRATOR. AF LINE OUTPUT: 60 MW INTO 600 OHMS (MIN.); PHONE OUTPUT: 15 MW INTO 600 OHMS (MAX.). RECOMMENDED ANTENNA TERMINAL IMPEDANCE: 50 OHMS. USES 7- AND 9-PIN 6.3 V. glass tubes. Requires 105-125 VAC 50/60 Hz; 25x22x24, 300 lbs sh. Connectors to make interconnect cables and partial repro of manual included. Used-not checked, \$250.00

AM-777 AMPLIFIER-DETECTOR PART OF RT-128A/ARC-21 (2-24 MHZ) TRANSCEIVER. 1st IF-1800 KHZ; 2nd IF-300 KHZ. REQUIRES 1800 KHZ SIGNAL INPUT AND 500 KHZ INPUT FOR MIXER AND TRIPLER STAGES. SLUG-TUNE ADJUSTMENT. WITH TUBES 4/5636, 3/5896, 3/5899, 3/6021, 5840, 5902, AND 5719. SCHEMATIC INCLD. 13x2x3, 5 LBS. SH. \$10.00



TRANSISTORIZED GUARD RECEIVER 1/modified RT-178/ARC-27; replaces tube type. Designed for single guard channel in 238-248 Mhz range. 1st IF 25.1 Mhz; 2nd IF 3.45 Mhz. Has detector, noise limiter, and AVC sections; 4/2N1745 transistors and 25.1 Mhz filter. IF, RF, and audio sections are gold-washed. 8x4x4, 6 lb sh wt. #5821-653-9695, used, \$12.95

RF AMP & DRIVER FOR 156 Mhz; has four removable silver-plated cavities each 3.4" lg X 0.6" dia mounted on 11.5x1.6x1.1" silver-plated chassis. Also contains 2/2.5-8 pf differential capacitor, 2.5-8 pf capacitor, and tubes 6360, 3/6AK5, and 6AS6. Requires 27 VDC, 200 VDC, and 350 VDC. First stage is mixer 149.67 + 6 Mhz; schematic included. 5 lbs. #V17-MRC used \$13.



#V12-MRC, same as above except has AGC and 166 Mhz frequency; w/schematic. Used \$12.95

R-388/URR RECEIVER



R-388/URR RECEIVER, 0.5 to 30.5 Mhz AM-CW in thirty bands, 1 Mhz per band. Wide 6" linear scale permits precise tuning in megacycles or kilocycles. Has five step crystal selectivity, calibrated "S" meter, and calibration points every 100 KHz. 500 KHz IF; bandwidth 0.2 to 6 KHz. Audio output: 1.5 watts into 4 or 600 ohms. 50 ohm antenna input impedance. Requires 115/230 VAC 50-60 Hz. 10x19x13, 55 lbs sh. Used-repairable, \$265.00. Checked, \$330.00. MANUAL, partial repro, \$10

R-390A/URR RECEIVER, 0.5-32 Mhz AM-CW in 32 bands using mechanical digital tuning; mechanical filters. WRITE for availability/price.

R-391/URR RECEIVER, similar to R-390A except has autotune but no mechanical filters. Used, repairable less meters, \$225.00

COLLINS 180L-3



COLLINS 180L-3 AUTOMATIC ANTENNA COUPLER, usable with transceivers in the 2-25 Mhz range, 50-180 watts. Automatically resonates an antenna to a transceiver's frequency and couples the RF signal between the transceiver and antenna. Also trans-

fers antenna to receiver or receiver section after the transmitter is unkeyed. Coupler has 7-970 pf 3 KV vacuum variable capacitor and variable ribbon 32 uHY inductor; also smaller roller inductor and SWR meter circuit. Requires 28 VDC 3 amps, 250 or 400 VDC 35 ma, and 115 VAC 400 Hz 20 VA. 10x7x11, 24 lbs sh wt. Used, \$109.50; Manual, partial repro, \$10.

LS-128A/F INTERCOM STATION, consists of a three tube audio amp in metal cabinet w/speaker, Idle-Listen-Talk switch, and switching for up to 24 remote stations. Input-output impedance 50 or 500 ohms; speaker 45 ohms. Audio output: 2 1/2 watt. Includes terminal block on 5' cable and 6V6, 6X5, and 6S37 tubes. 13x7x7, 23 lbs sh. Used, \$18.95; unused \$27.95. Manual \$5/set.



AIRCRAFT SIGHT

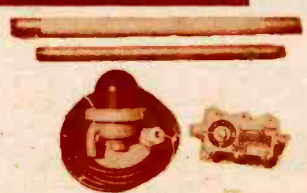


OPTICAL GUN SIGHT p/o APG-59; has 3-3/8" dia convex lens, 4" dia polarizing filter, and two coated view glasses--one 4 1/2" dia, the other 4" dia. Polarizer adjusts on scale marked VBL 25-50-100-200; 0-280 vernier scale for adjusting plexiglass viewing screen. Also includes 3 push buttons, and transformer marked "47 WV." Flexiglass screen chipped at edges; no further info. Looks like item for the collector or experimenter. 8x7x7, 15 lbs sh wt. #CPS-1900, used, \$22.95

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INFRARED BEACON

US/X9B NAN INFRARED BEACON, originally used on landing craft or on shore for clandestine signaling. System consists of gray painted brass lamp assembly with 100 watt 12 VDC bulb and 4 1/2" dia. X 4" high infrared glass dome, control box with manual signaling key (provision for automatic key), two section brass and wood 63" mast, 25' power cable.



Infrared-sensitive optics required for detection of this beacon. Instruction book included. Stored by gov't. since 1945. Re-boxed in two 27 lbs cartons. Unused \$18.95

RT-311 TRANSCEIVER



RT-311/ARC-38 AM TRANSCEIVER, 2.0 to 25 Mhz from 20 preset channels. Frequency interval: 500 Hz (2.0-7.25 Mhz) and 1000 Hz (7.25-25.0 Mhz). Has autotune from channel to channel. Minimum peak output 100 watts (2-14.25 Mhz), 90 watts (14.25-25 Mhz). Antenna tune power: 50 watts. 40 db carrier suppression. Receives AM or CW; sensitivity 5 uv for 6 db signal (phone). Selectivity: 7.5 KHz min w 6 db, 20 KHz max w 60 db or 1.8 KHz min w 6 db, 5 KHz max w 60 db when in CW sharp position. Unit has VFO and 25 tubes including three 6159's in power amp. Requires 28 VDC, 600 VDC, 250 VDC, -50 VDC, -65 VDC and 6.3 VAC. Also 115 VAC 400 Hz for selsyn on PA inductor. 15x8x23, 65 lbs sh. Used, not checked, \$85.00

MANUAL, partial repro, \$15. w/set purchase. COLLINS 618S-1 TRANSCEIVER, similar to RT-311/ARC-38 but without VFO. Crystal-controlled AM receiver, \$54.50. Schematic, \$3.00

618S-1/MC TRANSCEIVER, modified for SSB by RCA, xtal-controlled, \$99.95. Schematic, \$8. RT-594/ARC-38A SINGLE SIDEBAND TRANSCEIVER, similar to RT-311/ARC-38 except has SSB capabilities. Used, not checked. \$145.00

RT-311/ARC-38 or RT-594/ARC-38A replacement modules removed from sets. Write your needs.



C-1398/ARC-38 CONTROL BOX for control and frequency selection of ARC-38. Twenty preset channels or manual in 500 Hz steps. With code book. Most functions operable with ARC-38A SSB set except for function switch which would have to be disabled and provision for side band reception added. 7x5x6, 14 lbs. Used, \$14.95; Schematic, \$2 if bought w/box. *****

C-3428/ARC-38A CONTROL BOX, same as C-1398 except has SSB function switch for use with RT-594/ARC-38; used, \$19.95. Schematic, \$2.

AIRCRAFT TRANSCEIVER

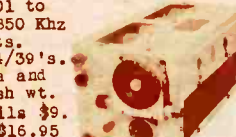
RT-524M AIRBORNE TRANSCEIVER mfg. by Aircraft Radio; covers 136.00 to 149.95 Mhz AM in 50 KHz crystal-controlled steps. 15 watts output. Has volume and squelch controls. Requires 24 VDC 6 amps. With tubes 8156, 2/8102, 6/6CW4, and 2/757. Schematic not available. Size: 6x3x3 1/4; 10 lbs. sh. Used, no cover, \$24.95 \$40.



BC-1206C 200-400 KHz RECEIVER with volume control and headphone jack; 135 KHz IF. Requires 24 VDC; uses tubes 2/14H7, 14A7, 14R7, 28D7. Units are unused-as-is, may have age deterioration. 4x4x6, 8 lbs. Less tubes but 14A7 \$9.

BC-AS-229 RECEIVER, 201 to 398 KHz and 2500 to 8300 KHz using plug-in coil sets. Uses tubes 37, 36, & 4/39's. Requires 230 VDC 80 ma and 12 V. 8x7x16, 15 lbs sh wt. Used, less tubes & coils \$9. With tubes/no coils, \$16.95

PLUG \$2. TUNING KNOB, \$2. MANUAL, partial repro, \$8.50



AM-1955/GRC AMPLIFIER CONVERTER USED WITH R-1148/GRC-55 RECEIVER FOR 600-1000 MHZ BAND. 17 MHZ IF. HAS 115 V 60 HZ MOTOR AS PART OF AFC SYSTEM. WITH TUBES 2C40A, 2/5842, 5654, 1N21B, 1N21WE-150 VDC AND 6.3 VAC REQUIRED. SIZE: 15x9x8; 30 LBS. SH. USED, \$30.00 \$38.

CANADIAN REMOTE STATION



CANADIAN CHANNEL CONTROL BOX, originally used as a four channel remote unit for a transmitter; looks like it might be adaptable as part of an intercom system. Has push-to-talk handset, 3/4" 600 ohm PM speaker, audio transformers 600 ohm to 8 ohm and 50 ohm to 600 ohm CT, volume control, channel selector (2-deck, 6-pole 4-position each), phone and key jacks, two pilot lights, and other parts. Heavy aluminum cast case. 15 1/2 x 13 1/2 x 6 1/2, 34 lbs. #CAN-4C-RC unused \$22.95

C-1306/GRA-14 RADIO-TELETYPE CONTROL, part of AN/GRC-26A radio set; designed for switching from send to receive and selecting one way or full-duplex radio-teletype and telephone communications. Lights for Receive-Local Teletype-Trans, switches for telephone and teletype Local-Radio and One Way-Duplex, hybrid adjust to minimize transmitter modulation in received signal. Also eight silver-plated spring-type binding posts for connecting telephone and teletype lines. Hybrid transformer rating 2/600 ohm CT to 1200 ohms CT, 4/4PDT 10 amp toggle switches, three phone jacks. Requires 110VDC. 12 x 8 1/2 x 4, 9 lbs. Unused w/power cord, \$8.95



C-1307/GRA-14 REMOTE CONTROL BOX, has eight silver-plated spring-type binding posts, six phone jacks for one way or duplex receive and send duplex, "trans" light, on-off switch, and 68" power cord rated 15 amp 125 V. 9 1/2 x 5 1/2 x 4, 5 lbs. \$4.95

VFO - EXCITER - MOD

VFO-MASTER OSCILLATOR FROM THE T-195 TRANSMITTER; GENERATES FREQUENCY OF 1.5 TO 3 MHz. HAS 5749 OSCILLATOR TUBE AND 5749 BUFFER-AMP TUBE. WITH 3/4 x 3/16" DIA. SHAFT. 2 1/2 x 3 1/2 x 7, WT: 5 LBS. VFO/T-195, REMOVED F/EQUIPMENT, \$7.95



EXCITER STAGE FROM T-195, USED TO AMPLIFY VFO OUTPUT AND SUPPLY DESIRED TRANSMITTING FREQUENCY TO POWER AMP. SLUG TUNED IN RANGES (1.5-3), (3-6), (6-12), AND (12-20) MHz. WITH TUBES 6AU6, 2/6AK6, AND 5763. SIZE: 4 1/2 x 3 1/2 x 8, 12 LBS. EXC/T-195, \$14.95



MODULATOR F/T-195, DESIGNED TO PROVIDE PROPER AUDIO POWER TO MODULATE POWER AMP AND SUPPLY SIDETONE. 300 HZ AND 3500 HZ BANDPASS. W/TUBES 5726, 2/12AT7, 5814. LESS 4X130 TUBES AND SOCKETS. 8 1/2 x 6 x 4 1/2, 6 LBS. \$10.95

TRANSISTOR RADIOSONDE

TRANSISTORIZED RADIOSONDE WITH CLOCKWORK TIMING MECHANISM (NO KEY); USED IN METEOROLOGICAL OBSERVATION OR SIMILAR APPLICATIONS REQUIRING AN EXTREMELY LIGHT-WEIGHT TRANSMITTER. UTILIZES A 2-TRANSISTOR MODULATOR AND A 2-TRANSISTOR TRANSMITTER CIRCUIT. TRANSMITTER HAS A 7533 INTEGRAL CAVITY TUBE WHICH FUNCTIONS AS THE TUNED CIRCUIT FOR THE OUTPUT: 1660-1700 MHz, 575 mw (NO FURTHER DATA). WITH HUMIDITY ELEMENT. TRANSMITTER SIZE: 2 1/2" DIA. X 6". OVERALL SIZE: 7 1/4 x 5 1/2. SHPG. WT: 4 LBS. FRIEZ #3002, UNUSED, \$9.95



AN/AMT-4A RADIOSONDE, consist of T-304A transmitter and MD-147C modulator; unit is similar to Friez 3002 except uses tubes 5794 and 5875 and operates at 1680 Mhz. Requires 1.5, 6, & 15 VDC. 2 lbs sh wt. #T-304A transmitter only, \$4.95; 2/38. MD-147C modulator only less humidity and pressure elements, \$3.00; 2/35. T-69F/AMT-2 RADIOSONDE XMITTER only, 390-410 Mhz; 5703, 5910 tubes--\$2. BB208 battery, \$2.

TCS RECEIVER



NAVY TCS RECEIVER COVERS 1.5 TO 12 MHz AM IN THREE BANDS; CONTINUOUS TUNING OR FOUR CRYSTAL-CONTROLLED CHANNELS. AUDIO OUTPUT: 1.5 MW INTO 500 OHM LOAD. WITH TUBES 2/12A6, 12SA7, 3/12SK7, AND 12SQ7. POWER REQUIRED: 220 VDC 100 MA AND 12 VDC. SIZE: 11 1/2 x 11 1/2 x 13 1/2; SHPG. WT: 42 LBS. NET: 37 LBS. PRICE: USED, REPARABLE, \$19.95 CHECKED, \$50.00

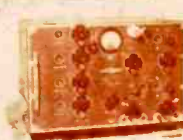
BALLISTICS CONTROL



SPERRY C-1 BALLISTICS CONTROL, appears to have been part of aircraft bombardier's equipment. Has controls and dials for "Time of Fall," "Trail," "Altitude," "N-S Offset," and "E-W Offset." Also contains selsyns six AY-232, two AY-201, and two Sperry R5663478. Looks like a nice aviation collectors item. 12 x 8 1/2 x 7 1/2, 22 lbs sh. Used, \$22.00

BENDIX TRANSMITTER

BENDIX TA-12B TRANSMITTER, 40 WATTS OUTPUT CW, MCW, AND PHONE FROM 300 TO 600 KHZ AND 3000 TO 7000 KHZ. EACH OF THE FOUR CHANNELS HAS ITS OWN OSCILLATOR, OSC. TUNING, AND LOADING. 0-5 RF AMMETER MONITORS ANTENNA CURRENT. WITH TUBES 4/12SK7 AND 3/807. ORIGINALLY USED WITH MP-288 24 VDC 15 AMP DYNAMOTOR-MODULATOR (NOT AVAILABLE). POWER REQUIRED: 24 VDC 3 AMPS, 260 AND 400 VDC EXTERNALLY MODULATED. SIZE: 10 1/2 x 15 1/2 x 11; WT: 40 LBS. USED, \$39.50



VASCAR II SPEED TRAP



VASCAR II DISTANCE/TIME COMPUTER-INDICATOR, originally used by police agencies for clocking speed of vehicles while the police car was either in motion or stopped. Unknown vehicle is determined by referencing it to the known speed of the police car over a predetermined distance. Clocking possible of vehicle in front of, behind, in opposite direction of, or across the path of the police car. Displays average speed in tenths of miles per hour upto 199.9 mph. Computer module consists of four circuit boards with 5 VDC logic and transistors. Operates from 12 VDC 3.4 amps. Includes computer module, control module w/cable and plug, power plug, transducer plug, and manuals. Speedometer transducer is not available. 2 1/2 x 13 x 7 1/2, 18 lbs sh. Used, operational-not calibrated \$60.

ANTENNA TUNING ASSEMBLY with two 20-400 pf 0.02" air gap variable capacitors. Each rotates 180 in 10 sec using 24 V 60 Hz and 4 mf 330 VAC capacitor (not included); can be adapted to differential use. 360 rotation actuates fixed capacitance in parallel over next 270 in 12 steps. 400 Hz servo motor runs on 24 V 60 Hz; intermittent 115 V 60 Hz required to engage fixed capacitance steps. W/schematic; 4 1/2 x 6 1/2 x 2 1/2, 5 lbs sh. #2-C1003/T-195, used, \$8.95



GRAB BOX ASSORTMENT OF USED AND UNUSED MANUFACTURERS AND GOVERNMENT SURPLUS ELECTRONIC PARTS SUCH AS ASSEMBLIES, MOTORS, COILS, TRANSFORMERS, CHOKES, CIRCUIT BOARDS, CAPACITORS, RESISTORS, AND OTHER USABLE ITEMS. PACKED IN 50 LBS. CARTONS, \$7.50 EA. OR TWO CARTONS FOR \$13.00.

SHIPPED VIA UPS WITH FREIGHT CHARGES VARYING FROM \$5 TO \$16 PER CARTON. ALLOW FOR FREIGHT. GRAB BOX IS GOOD FILLER TO TAKE ADVANTAGE OF MOTOR FREIGHT 150 LBS. MINIMUM WEIGHT RATES.

SELSYN MODULE



SELSYN RANGE MODULE, sealed unit contains two Oster 4123-10 synchro transmitters rated 26 V 1/8 rotor, 11.8 V 3/4 400 Hz stator (suitable for wind direction projects); 400 Hz tachometer generator (26 V motor, 18 V generator with output 0.35 V/1000 RPM); and 2/400 Hz resolver (26 V rotor, 11.8 V stator). Also has precision counter-gear assembly and damaged precision potentiometer. 4 1/2 x 2 1/2 x 4, 3 lbs. #9805-61, used, \$12.95 OSTER 4123-10 SYNCHRO XMITTER only, \$4.95 ea

WEBCOR RECORDER



WEBCOR TAPE RECORDER, plays and records 3 1/2 or 7 1/2 ips; accepts upto 7" dia reels. Has standard features fast forward/rewind plus edit lever, footage counter, and 20-0-20 record level indicator. Also mic, bridge, and external speaker jacks, and built-in speaker. Monaural use only; 100-10000 Hz response @ 7 1/2 ips. Mic input impedance: 500K ohms. With tubes 12AU7, 12AX7, 6X4, 6BQ5, 6HU6, & 7025. Requires 115 VAC 60 Hz. 13 1/2 x 12 1/2 x 7; 32 lbs sh. Units checked for basic playback/record; may need further adjustments. Mic and reels not included. #WEBCOR-173B, used, \$34.95 MANUAL for above, partial repro, \$8.50

ZEISS 300 MM LENS

CARL ZEISS 3-TESSAR multi-element color-corrected COPY LENS; 300 mm focal length and fixed aperture of F5.6. Front lens unscrews and is usable as separate 127 mm lens; 62 mm dia. Outer metal ring 3-5/8" dia; rear barrel 3" dia x 1-5/8" L. O/a 3-1/8" long. 3 lbs sh. #300MM-2SL, NEW, \$16.95



180 MM LENSE with aperture adjustable in stops f4.5, f5.6, f6.3, f8, f16; might make nice enlarger lens for 4x5 format. 2-5/8 x 2 1/2 dia; 2 lbs. #AST-L180 used \$10.95

SOUND LEVEL METER TYPE 412

24-150 db sound pressure range; ASA networks A-B-C and FLAT position with -3 db 5 Hz-30 KHz response. Attenuator 30-140 in 10 db steps; w/acoustic calibrator. Includes PZT ceramic mic, leather case, book. 1.5, 45 VDC req. 7 1/2 x 4 1/2 x 12 1/2, 11 lbs sh. Unused, \$125.00



ANTI-JAMMING TRAINERS

AN/ULT-T2 (15X12) X-BAND INTERFERENCE TRAINER, a low power transmitter in the 8500-9600 Mhz range designed to train radar operators in anti-jamming techniques. Unit can be manually tuned and modulated by a sine or square wave, pulse, noise, or modulation from an external source. Has controls for CW, 5-16 Mhz/sec sweep, 250-500 -1100 Mhz sweep sector, percent modulation, and pulse width 1-5 usec. Frequency modulation 15 Hz-15 KHz variable and fixed 50 or 100 KHz. Audio output impedance 600 ohms. Designed to be used within 50 feet of radar. Uses 2K45 klystron. Requires 115 VAC 50-400 Hz; with antenna horn and transit case. 13 1/2 x 19 1/2 x 19 1/2, 110 lbs sh wt. Used, \$99.50 \$80.



AN/ULT-T4 (15X18) INTERFERENCE TRAINER, similar to ULT-T2 except covers L-Band (1220-1350 Mhz) and uses 2036 klystron. With antenna horn and transit case. 17 1/2 x 23 1/2 x 18 1/2, 100 lbs sh. Used, \$109.50 \$85. MANUALS for ULT-T2 or ULT-T4, \$10 each w/set.



Control Boxes

Filters

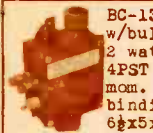
Indicators

Tuning Units

Amplifiers



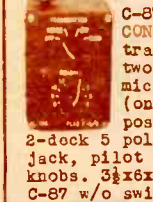
ALARM BELL
OPERATES FROM
24 VOLT D.C.
SIZE: 4 1/2 x 2 1/2
WT: 1 LB #561-3
NEW \$1.95



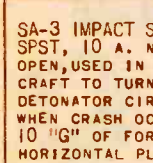
BC-1361 SWITCH BOX
w/bullseye light,
2 water-proof conn
4PST switch, SPST
mom. sw., and two
binding posts.
6 1/2 x 5 1/2, 2 lb. \$3.



**RF CHASSIS f/
Bendix RA-18C**
108-136 Mhz
receiver; 7-
gang capacitor
tunes ant-coil
RF grid, RF
plate, mixer grid, 1st osc-
quadrupler, 1st osc-amp, &
cathode follower input.
Tubes 2/5654, 5670, 5725;
requires 6.3-12.6-108-250
VDC. 3 1/2 x 3 1/2 x 10 1/2, 5 lbs. w/
schem. #RF100-EA18 NEW \$10.



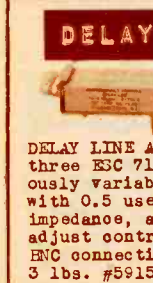
**C-87/ART-13 PILOT
CONTROL f/ART-13**
transceiver; has
two 1 1/2" dia ceram-
ic rotary switch
(one 1-deck 12-
position; other
2-deck 5 pole 3-
pos), mic
jack, pilot light, and
4 knobs. 3 1/2 x 6 x 3, 2 lb. \$4.00
C-87 w/o switches, knob \$1



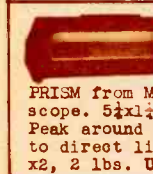
SA-3 IMPACT SWITCH
SPST, 10 A. NORM.
OPEN, USED IN AIR-
CRAFT TO TURN ON
DETONATOR CIRCUIT
WHEN CRASH OCCURS
10 "G" OF FORCE.
HORIZONTAL PLANE. \$1.95 EA.



**LS-230 INTERCOMM.
UNIFICATION STATION**
CONTROL BX
CONTAINS 3 ROT-
ARY 3 POSITION
LEVER CONT. SW
| LEVER SW. DP
DT CENTER OFF,
| LEVER SW. SPST | SIDE,
OTHERSIDE SPST MOM. & CENTE
OFF. 3 LITE IND. PHONE &
MIKE JACK & | MIN. TRANSFOR
50 TO 500 OHM. SIZE: 7 1/2 x 5 1/2 x 2 1/2;
WT: 3 LBS. PRICE: \$5.95



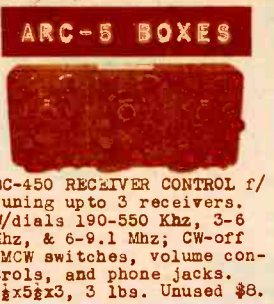
DELAY LINE ASSEMBLY with
three ESC 71-26-1 contin-
uously variable DL's, each
with 0.5 usec delay, 750
impedance, and screwdriver
adjust control. Also five
ENC connections. 10 1/2 x 2 1/2 x 2 1/2,
3 lbs. #5915-650-3805 \$12.95



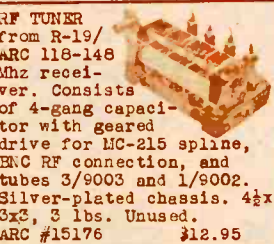
PRISM from M4A1 tank peri-
scope. 5 1/2 x 1 1/2 view area.
Peak around corners or use
to direct light. O/A 6 1/2 x 2 1/2
x 2, 2 lbs. Used \$2.75 2/\$5.



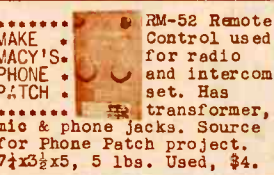
**RIGHT ANGLE
DRIVE** vernier
control, 1 1/2"
dia. dial, w/
lock & coup-
ling f/ 1/2" shf
3-hole mtg. #TU-LORA, \$2.



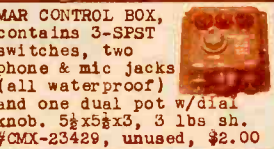
ARC-5 BOXES
BC-450 RECEIVER CONTROL f/
tuning upto 3 receivers.
W/dials 190-550 Khz, 3-6
Mhz, & 6-9.1 Mhz; CW-off
-MCW switches, volume con-
trols, and phone jacks.
9 1/2 x 5 1/2 x 3, 3 lbs. Unused \$8.



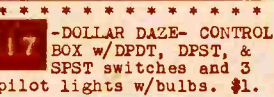
RF TUNER
from R-19/
ARC 118-148
Mhz recei-
ver. Consists
of 4-gang capaci-
tor with geared
drive for MC-215 spline,
ENC RF connection, and
tubes 3/9003 and 1/9002.
Silver-plated chassis. 4 1/2 x
3 1/2, 3 lbs. Unused.
ARC #15176 \$12.95



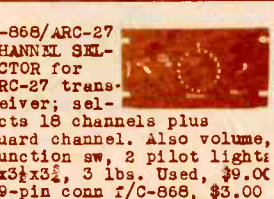
RM-52 Remote
Control used
for radio
and intercom
set. Has
transformer,
mic & phone jacks. Source
for Phone Patch project.
7 1/2 x 3 1/2 x 5, 5 lbs. Used, \$4.



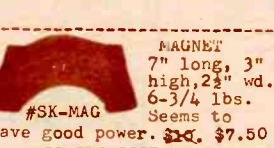
MAR CONTROL BOX,
contains 3-SPST
switches, two
phone & mic jacks
(all water-proof)
and one dual pot w/dial
knob. 5 1/2 x 5 1/2 x 3, 3 lbs sh.
#CMX-23429, unused, \$2.00



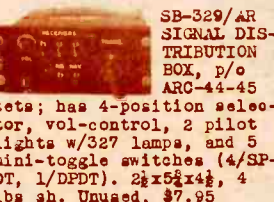
17-DOLLAR DAZE-CONTROL
BOX w/DPDT, DPST, &
SPST switches and 3
pilot lights w/bulbs. \$1.



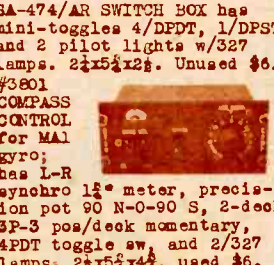
**C-868/ARC-27
CHANNEL SEL-
ECTOR** for
ARC-27 trans-
ceiver; sel-
ects 18 channels plus
guard channel. Also volume,
function sw, 2 pilot lights
6x3 1/2 x 3 1/2, 3 lbs. Used, \$9.00
19-pin conn f/C-868, \$3.00




MAGNET
7" long, 3"
high, 2 1/2" wd.
6-3/4 lbs.
#SK-MAG
have good power. \$2.00 \$7.50



**SB-329/AR
SIGNAL DIS-
TRIBUTION
BOX, p/o
ARC-44-45**
sets; has 4-position selec-
tor, vol-control, 2 pilot
lights w/327 lamps, and 5
mini-toggle switches (4/SP-
DT, 1/DPDT). 2 1/2 x 5 1/2 x 4 1/2, 4
lbs sh. Unused, \$7.95



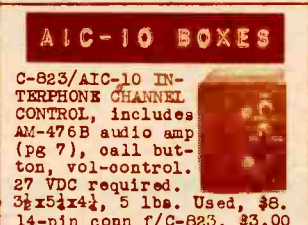
SA-474/AR SWITCH BOX has
mini-toggles 4/DPDT, 1/DPST
and 2 pilot lights w/327
lamps. 2 1/2 x 5 1/2 x 2 1/2. Unused \$6.
#3801
**COMPASS
CONTROL**
for MAL
GYRO;
has L-R
synchro 1 1/2" meter, precision
pot 90 N-0-90 S, 2-deck
3P-3 pos/deck momentary,
4PDT toggle sw, and 2/327
lamps. 2 1/2 x 5 1/2 x 4 1/2, used \$6.



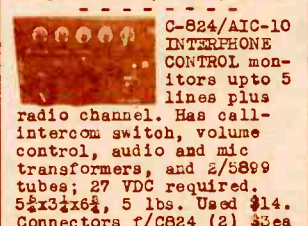
**-A REAL BONANZA
HAS MANY ITEMS
YOU CAN USE: 1 1/2"**
"tune to max"
300 ua meter;
4-band bandswitc
& dial assy; 5-
position rotary
sw with 1-pos mo-
mentary; spin
crank for tuning with 10-
turn pot; volume control
w/3-gangs; five 327 lamps;
Loop switch (L or R momen-
tary); SPST toggle sw; oth-
er parts. Originally tuned
R101/ARN-6 (p 4). May have
broken wafer switch; 6 lbs.
#C423/ARN-6 used \$4; 2/\$7.



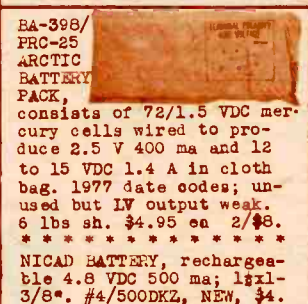
**ADJUSTO
PROFILE
TEMPLATE**
From the
good old
days.
A quality
profile gauge with cast
frame, 6" brass strips
that allow very fine reso-
lution of profile from .007
thick by .07 inch wide.
Used in woodworking, metal
or wherever exact contour
shapes are needed. Shpg 3lb
Order--Adjusto Template \$10



**C-823/AIC-10 IN-
TERPHONE CHANNEL
CONTROL, includes**
AM-476B audio amp
(pg 7), call but-
ton, vol-control.
27 VDC required.
3 1/2 x 5 1/2 x 4 1/2, 5 lbs. Used, \$3.00
14-pin conn f/C-823, \$3.00

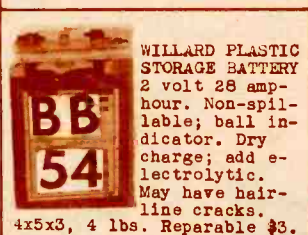


**C-824/AIC-10
INTERPHONE
CONTROL** mon-
itors upto 5
lines plus
radio channel. Has call-
intercom switch, volume
control, audio and mic
transformers, and 2/5899
tubes; 27 VDC required.
5 1/2 x 3 1/2 x 6 1/2, 5 lbs. Used \$14.
Connectors f/C824 (2) \$3 ea



**RA-398/
ARC-25
ARCTIC
BATTERY
PACK,**
consists of 72/1.5 VDC mer-
cury cells wired to pro-
duce 2.5 V 400 ma and 12
to 15 VDC 1.4 A in cloth
bag. 1977 date codes; un-
used but LV output weak.
6 lbs sh. \$4.95 ea 2/\$8.

NICAD BATTERY, rechargea-
ble 4.8 VDC 500 ma; 1 1/2 x 1-
3/8". #4/500DK2, NEW, \$4.



**WILLARD PLASTIC
STORAGE BATTERY**
2 volt 28 amp-
hour. Non-spil-
lable; ball in-
dicator. Dry
charge; add e-
lectrolytic.
May have hair-
line cracks.
4x5x3, 4 lbs. Repairable \$3.

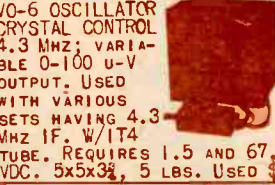


RUBBER SHOCK MOUNTING	4 lbs	#4	\$4.45
	6 "	#6	.50
	10 "	#10	.60
	12 "	#12	.65
	16 "	#16	.75
	24 "	#24	1.00
	35 "	#35	1.25

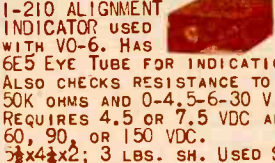
OTHER WEIGHTS AVAILABLE.




M-399 ADAPTER
M-399 ALIGN-
MENT ADAPTER
for BC-659
transceiver;
allows the
changing of
crystals as well as the
alignment of the set with-
out the use of an external
meter. Mounts inside the
BC-659. 2 lbs. \$5.00
M-394 ADAPTER f/BC-620, \$5.



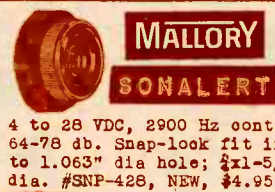
**VO-6 OSCILLATOR
CRYSTAL CONTROL**
4.3 MHZ; VARIA-
BLE 0-100 U-V
OUTPUT. USED
WITH VARIOUS
SETS HAVING 4.3
MHZ IF. W/174
TUBE. REQUIRES 1.5 AND 67.5
VDC. 5x5x3 1/2, 5 LBS. USED \$8



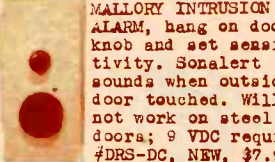
**1-210 ALIGNMENT
INDICATOR** USED
WITH VO-6. HAS
6E5 EYE TUBE FOR INDICATION
ALSO CHECKS RESISTANCE TO
50K OHMS AND 0-4.5-6-30 V.
REQUIRES 4.5 OR 7.5 VDC AND
60, 90, or 150 VDC.
3 1/2 x 4 1/2 x 2; 3 LBS. SH. USED \$9



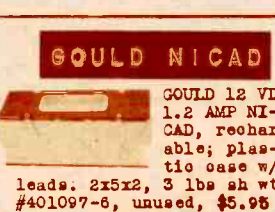
ME-40 MANUAL f/above, \$5.
SWITCH ASSY.
FUEL LEVEL
CONTROL.
24 vdc 3 amp.
7" cylinder, 2 1/2" dia.
United Controls N7-1-16 \$7.



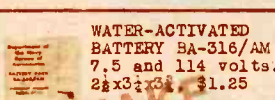
**MALLORY
SONALERT**
4 to 28 VDC, 2900 Hz cont.,
64-78 db. Snap-look fit in-
to 1.063" dia hole; 1 1/2 x 5/8
dia. #SNP-428, NEW, \$4.95



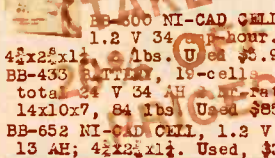
**MALLORY INTRUSION
ALARM,** hang on door
knob and set sensi-
tivity. Sonalert
sounds when outside
door touched. Will
not work on steel
doors; 9 VDC requir
#DRS-DC, NEW, \$7.95



GOULD NICAD
GOULD 12 VDC
1.2 AMP NI-
CAD, recharge-
able; plas-
tic case w/
leads. 2x5x2, 3 lbs sh wt.
#401097-6, unused, \$5.95



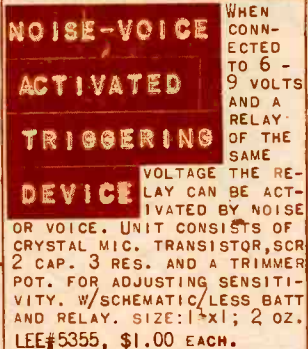
**WATER-ACTIVATED
BATTERY** BA-316/AM
7.5 and 114 volts.
2 1/2 x 3 1/2 x 2 1/2, \$1.25



BB-500 NI-CAD CELL,
1.2 V 34 amp hour.
4 1/2 x 2 1/2 x 1 1/2 lbs. Used \$3.95
BB-433 BATTERY, 19-celle
total 24 V 34 AH. Rate
14x10x7, 84 lbs Used \$85.
BB-652 NI-CAD CELL, 1.2 V
13 AH; 4 1/2 x 2 1/2 x 1 1/2. Used, \$3.



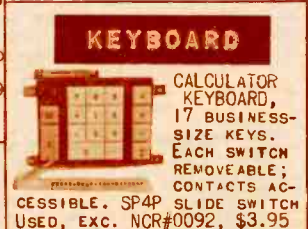
SAFARI HAT
Nice for jun-
gle or life-
guard use or
upside down
as flower pot.
Dusty w/worn
spots in khaki
cloth; 1 1/2 x 1 1/4 L
2 lbs. #SAF-HAT, \$2.; 2/\$3.



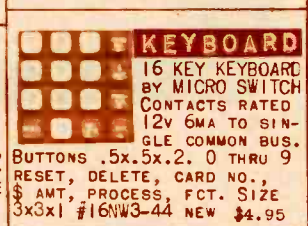
**NOISE-VOICE
ACTIVATED
TRIGGERING
DEVICE** WHEN
CONN-
ECTED TO 6-
9 VOLTS
AND A RELAY-
OF THE
SAME
VOLTAGE THE RE-
LAY CAN BE ACTI-
VATED BY NOISE
OR VOICE. UNIT CONSISTS OF
CRYSTAL MIC. TRANSISTOR, SCR
2 CAP. 3 RES. AND A TRIMMER
POT. FOR ADJUSTING SENSITI-
VITY. W/SCHEMATIC/LESS BATT
AND RELAY. SIZE: 1 1/2 x 1; 2 OZ.
LEE#5355, \$1.00 EACH.



**SODECO 6-DI-
GIT COUNTER**
electrically
resettable;
60 impulse/sec count coil
and reset coil both 24 V
DC 83 ohms. 1-7/8 x 1 1/2 x 1 1/2
x 1 1/2; #RG266, NEW, \$8.95



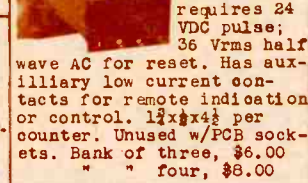
KEYBOARD
CALCULATOR
KEYBOARD,
17 BUSINESS-
SIZE KEYS.
EACH SWITCH
REMOVABLE;
CONTACTS AC-
CESSIBLE. SP4P SLIDE SWITCH
USED, EXC. NCR#0092, \$3.95



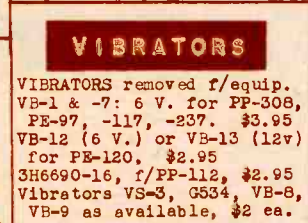
KEYBOARD
16 KEY KEYBOARD
BY MICRO SWITCH
CONTACTS RATED
12V 6MA TO SING-
LE COMMON BUS.
BUTTONS .5x.5x.2. 0 THRU 9.
RESET, DELETE, CARD NO.,
\$ AMT, PROCESS, FCT. SIZE
3x3x1 #16NW3-44 NEW \$4.95



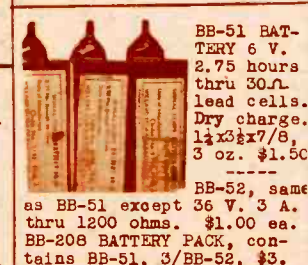
UNIPULSER
DURANT UNI-
PULSER II
COUNTER, e-
lectromech-
anical type
requires 24
VDC pulse;
36 Vrms half
wave AC for reset. Has auxil-
liary low current indica-
tion or control. 1 1/2 x 1 1/2 x 4 1/2 per
counter. Unused w/PCB sock-
ets. Bank of three, \$6.00
" " four, \$8.00



VIBRATORS removed f/equip.
VB-1 & -7: 6 V for PP-308,
PE-97, -117, -237. \$3.95
VB-12 (6 V.) or VB-13 (12v)
for PE-120. \$2.95
3HE690-16, f/PP-112, \$2.95
Vibrators VS-3, GS34, VB-8,
VB-9 as available, \$2 ea.



BB-51 BATTERY 6 V.
2.75 hours
thru 30A
lead cells.
Dry charge.
1 1/2 x 2 1/2 x 7/8,
3 oz. \$1.50



BB-52, same
as BB-51 except 36 V. 3 A.
thru 1200 ohms. \$1.00 ea.
BB-208 BATTERY PACK, con-
tains BB-51, 3/BB-52, \$3.

PUSH-TO-TEST



PUSH TO TEST INDICATORS WITH MARKINGS ALSO HAVE CLEAR & AMBER LENSES

KORRY MFG., ALL UNUSED.

KORRY 260 PUSH-TO-TEST INDICATORS, DOUBLE LAMPHOLDER WITH MINIATURE BAYONET BASES. 1 1/2" x 2 1/2" x 2 1/2" DIA. NEW. CHOOSE FROM THESE LENS INSCRIPTIONS: POWER, PHASE B POWER, 28 VDC. OR 24 VOLTS DC. \$1 EA, 3/\$2

KORRY 260 indicators with rocket launch-related inscriptions: UNLOCK, TESTING, COMPONENTS TEST POWER ON, HEATER 1-2-3, CENTER, LN OVERFLOW, LN LOWER LEVEL, LN UPPER LEVEL, 100% LIQ OXY, LIQ OXYGEN FINE, FUEL TANK PRESSURIZED, COOLANT FILL, IGNITER, 40 C THERMO-STAT, AIRBORNE POWER SUPPLY, LOX THROT VALVAVE HEATER. Price: 75¢ ea or 4 for \$2.

ASSORTMENT OF ROCKET LAUNCH INDICATORS, NO CHOICE, 6/\$2

KORRY 136 PUSH-TO-TEST INDICATORS, SINGLE LAMPHOLDER WITH MINIATURE BAYONET BASE 1 1/2" x 2 1/2" x 2 1/2" DIA. INSCRIPTIONS: STANDBY; OVER-LOAD; LOW; MALF. 65¢ 2/\$1.

KORRY 103 INDICATOR, PUSH-ON RED PLASTIC CAP; PLASTIC BODY. 5/8" SINGLE HOLE MOUNT. #5167, 50¢ EA. 3/\$1.

LAMP HOLDERS FOR 327 LAMPS 1/2" HOLE MTG. FLAT TOP LENSE 3/8" DEEP, WHITE LENS NUMBERED 1 TO 9, YELLOW ("MAX"), RED, AMBER, AND GREEN. SPECIFY. #6210-617-0934, 39¢ EA. #327 LAMP FOR ABOVE, 39¢ NEON CYLINDRICAL TYPE LITE

ELDEMA V W/RES. 3/8 x 1 1/2 #2685 28v .04A 1/4 x 7/8 OBLONG SLIP IN TYPE NEON 1/2 x 1-3/8" 125v. #3100 USED ALL ABOVE 3 FOR \$1.00



SUB-MINIATURE NEON PILOT LIGHT ASSEMBLY. FLUTED 5/16" DIA. CLEAR JEWEL. BASE IS FEMALE PART FOR A THREE PRONG PLUG WITH 1/16" DIA. HOLES IN ISOSCELES TRIANGLE PATTERN. MOUNTS IN 3/8" HOLE. 0" TO 3/8" SURFACE CLEARANCE. 1 3/8" LONG. INCLUDES BULB. USED. 110v. PILO07 \$.25 5/\$1.00

SINGLE TERMINAL AND CONTACT SUB-MINIATURE DIMMER PILOT LIGHT. MECHANICAL DIMMER VARIES SIZE TO COMPLETE DARKNESS. REQUIRES T-1 1/2 BULB. 5/16" DIA. SMOOTH RED JEWEL. MOUNTS IN 7/16" HOLE. 1 3/8" LONG. LESS BULB. NEW. 6210-643-4087 \$.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. CLEAR STOVEPIPE, SMOOTH 5/8" DIA. JEWEL. MOUNTS IN 1 1/16" HOLE. SURFACE CLEARANCE IS 0" TO 3/8 2 1/8" LONG. LESS BULB. USED. PILO08 \$.39

Pilot light with single contact candelabra bayonet base. 1" dia red-faceted jewel. Mounts in 1" hole with surface clear-ance of 0" to 1/2"; 2 1/2" lg. Less bulb. PILO03 \$.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. 1/2" DIA. SMOOTH. GREEN JEWEL. MOUNTS IN 5/8" HOLE WITH A SURFACE CLEARANCE OF 0" TO 1/2". 2 1/16" LONG. LESS BULB, UNUSED. PILO04 \$.49

PILOT LIGHT JEWELS, 1/2" dia for 1/2" dia threaded assy. Ass't colors. Series-F 6/\$1 WHITE SWITCHBOARD JEWELS, 3/8" dia. #4C1971, 10/\$1.

500 KHZ FILTER



COLLINS 500 KHZ FILTER ASSEMBLY consisting of nine adjustable coils and associated capacitors on 2 1/2 x 6 enclosed chassis. Uses MB style miniature connector. Units are checked, but may need alignment. Collins part #542-4777-004, \$5.00 Above, need repair, 2/\$4.00

INDUCTORS

FERRITE POT CORE INDUCTORS, PC mount; 7/8 x 1/2 dia. NEW. 123-177 mH, #NV243, \$1.50 600 mH, #404-3-2, \$1.50 TORROIDAL COILS, 5/16 x 1 dia 150 mH, #403-1-1, 85¢ ea.

TELEPHONE PICK UP COIL used in modem data coupler; no specs. 5/8 x 1 1/2 dia #403-4 \$1

MEISSNER PLUG-IN COILS, 3 in set including osc-ing osc-ing grid, osc-plate, & buffer. #3C2500-51 #040-2410 \$1.50

Standard 4-5-6 prong sockets required for each set.

NATIONAL NC-100 ASC CW OSC tuning coil, 456 Khz, \$3. #3C2500-51 #040-2410 \$1.50

BC-348q RECEIVER IF COILS 1st IF 9A1952 #147 \$3.00 2nd IF 9A1953 #148 3.00

BUD TRANSMITTING PLUG-IN COILS on 5-pin ceramic base #3C804 40 meters \$1.50

COLLINS FILTER

COLLINS MECHANICAL FILTERS Used, repairable @ \$3 each: #526-9039-00 F250-A67

#526-9311-00 F300-25 #526-9312-00 F300-24

Used, repairable @ \$8 each: #526-9310-00 F455-Q3

#526-8089-00, 21,605 Mhz; (5895-980-9828) NEW \$20. #526-9369-00, F54-27; (5915-724-6633) NEW \$22. #526-9089-00, F455-J31, NEW \$40.

MOTOROLA MECHANICAL FILTER on assemblies; F-307 type: 438 Khz \$3.00; Assembly with 450 & 480 Khz, \$6.95

COMMAND XMIT-TER ANTENNA COIL FOR 5.3-9.1 Mhz range; 24 turns wire around 2" dia X 3" ceramic form; No contacts or mount brackets. #6035 \$6.

FLUTED KNOBS



TCS SPIN KNOB & CRANK, 1-5/8" dia fluted knob w/ 7/8" crank extension; 1/2" high handle. \$1.50

LUXITROL KNOB, 2-3/8" dia. w/pointer; fits 3/8" dia. shaft, \$1.50

#9682 KNOB, 2 1/2" across flutes; 3" dia. skirt. F/1 1/2" dia. shaft, \$1.25

7 1/2" dia. WHEEL-TYPE CONTROL, fits 3/4" dia. shaft. 2 lbs. w/pointer \$4.95 Without, \$3.95

HEWLETT-PACKARD knob from test equipment, 1-3/8" dia skirt, 1/2" high; brass insert for 1/2" shaft. \$1.00

1-5/8" DIA. FLUTED KNOB w/2" SKIRT; FITS 1/2" SHAFT. URC# S-649, \$1.25 NEW

1 1/2" DIA. FLUTED KNOB WITH SKIRT AND POINTER. BRASS INSERT FOR 1/2" SHAFT. KNBNO05 \$.25

MODERN GREY KNOB w/fine-ribbed side. 1 1/2" dia X 9/16" H. F/1/2" dia sh. #7577 NEW \$1.

1 1/2" dia fluted knob with 2" dia skirt; brass insert f/1/2" shft. #0728 NEW \$1.00

1" DIA. FLUTED KNOB WITH BRASS INSERT FOR 1/2" SHAFT. KNBNO08 \$.25

ALL THE ABOVE KNOBS ARE OF SET SCREW TYPE.

SPIN KNOBS

2" DIA. METAL FLUTED SPIN KNOB FOR 5/32" SHAFT. KNBNO09 \$.79

2 1/2" DIA. SPIN KNOB. METAL. TAKES 3/16" SHAFT. #8089 NEW \$2.00

MAKE ANY FLAT KNOB A SPIN 1 1/2" ADAPTER WITH 3 HOLES, TO FASTEN TO YOUR KNOB, WITH SPIN GRIPPER #2Z5816-3 \$1.00

1-5/8" DIA. METAL SPIN KNOB F/1/2" SHAFT. URC#KNO2, \$1.50

1 1/2" DIA. FLUTED KNOB w/1 1/2" SKIRT; BRASS INSERT FOR 3/8" SHAFT. URC#KNO4, \$.50

1-5/8" DIA. FLUTED KNOB w/2" SKIRT; BRASS INSERT FOR 3/8" SHAFT. URC#KNO3, \$.75

Brown 1" dia x 1 1/2" high knob for 1/2" shft. #KNB025, 2/25¢

HAMMARLUND DIAL #31227-3 2 1/2" silver skirt marked 10 to 0; 1-5/8" dia knurled knob. #E9821, NEW, \$1.50

MATCHED KNOBS, rounded edge w/4 sets of 4 hash ridges. Looks like old Hammarlund. #E5168 2 1/2" \$3 #E5570 1 1/2" \$2

HALLICRAFTERS with big 1 1/2" dia; arrow & grip bar. #H81014 new \$1.50

BAR TYPE KNOBS

BAR TYPE BAKELITE KNOB FOR 1/2" SHAFT. 1 1/2" x 1 1/2" x 5/8". SET SCREW TYPE. KNBNO12 \$.25

BAR TYPE BAKELITE KNOB FOR 1/2" SHAFT WHICH MUST BE TAPED FOR SET SCREW. 1 1/2" x 1 1/2" x 5/8". KNBNO13 \$.25

RECTANGULAR BAR TYPE BAKELITE KNOB 1 1/2" x 1 1/2" x 5/8". WITH BRASS INSERT FOR 1/2" SHAFT. SET SCREW TYPE. KNBNO14 \$.25

Pointer knob with brass insert for 1/2" shaft; 1 1/2" x 1 1/2" x 5/8". #KNEB026 25¢ ea

Bartype bakelite knob with pointer. For 1/8" shaft; vertical set screw. 1 1/2" x 5/8" x 5/8". KNEB016 4/1.00

Rounded bar style knob, 1-1/8" long x 1/2" across x 11/16" H. Brass insert f/1/2" dia sh. #KNA113 3/1.

ALCO-KNOB, 1" dia x 5/8" high modern style fluted knob with 5/8" dia chrome center trim; brass insert for 1/2" shaft. NEW 3/1.

1-5/8" dia plastic knob with 2 1/2" dia aluminum skirt calibrated 0 to 10. Brass insert for 1/2" dia shaft. #9414 NEW \$.50 ea

1" dia plastic knob with 1 1/2" dia skirt calibrated alphabetically A-B, Y-Z. Aluminum skirt; f/1/2" shaft. #5312 NEW \$.50 ea

3/4" RIBBED KNOB 7/8" DEEP 1" SKIRT F/1/2" SHAFT FULL BLK. KNB7820 35¢

5/8" x 3/4" SAME AS ABOVE BRIGHT BLK. KNB1261 20¢

1" dia. x 11/16" high knob, Ribbed style; Insert re-sealed 1/2" from base for flush fit. KNEB279, 30¢ ea.

1 1/2" KNOB MARKED "INCREASED OUTPUT". 1/2" HOLE WITH SET SCREW. 1 1/2" THICK. METAL. KNBNO23 \$.25

2" TUNING KNOB black w/chrome-finish trim. Metal insert f/1/2" d shft. #ROB-B/C \$1.25

MINIATURE LAMPS

STK #	TYPE	V.	A.	BASE	BULB	EA	Per 10
#14	flashlight	2.47	.3	cand sc	G-3 1/2	.30	\$2.00
#382		14	.08 min	flanked T	1 1/2	.35	2.50
#327	grain of wheat	28	v 0.04	a	T-1 1/2	.39	3.00
#480		22	.55 min	sc	G-6	.35	3.00
#511		2	.25 min	sc	G-6	.20	1.00
1004	auto type	12	.94	DC bay	B-6	.25	1.50
NE-48/991	neon	115	.25	DC bay	T-4 1/2	1.50	12.00
NE-51	neon	115	.25	min bay	T-3 1/2	.40	3.00
2Z5882		18	.11	can sc	T-3 1/2	.20	1.00
#47		6.3	.15	min bay	T-3 1/2	.25	1.50
#24-68M		24	.68	DC bay	B-6	.25	1.50

MARINE TYPE 600 WATT 28 VOLT GE Q600 PAR 56/1 SCREW TERMINALS PRICE: \$6.00 EA. WRITE FOR 100 LOT PRICE.

GRIMES LAMP ASSY. #4725-24 WITH 327 GRAIN/WHEAT BULB. 6220-333-5827 59¢ EA. 2 FOR \$1

SEALED BEAM

LINE FILTERS

RF LINE FILTERS, unused. SIMMANS #B94104K, 3 amp 115/230 VAC 60 Hz; plug & lead connect. 1 1/2 x 2 1/2 x 2, 1 lb. \$1.

#410-3, 2x5 amps 125/250 VAC 50-400 Hz; four solder terminals. 2x2 1/2 x 1, 1 lb. \$1.25 ea.

Sprague #JN10-2296A1, 2x12 amp 250 VAC 60 Hz; solder terminals. 2 1/2 x 1 1/2 x 2, 2 lbs. \$3.95

Sprague #JN17-2028A, 300 amps 100 VDC; lug terminals, 7 1/2 x 3 mtg plate. 7 lbs. \$12.95

#537-6615, 55 amps 30 VDC; two stud terminals. 2 1/2 x 5 x 2, 3 lbs sh wt. \$2.95

HORN

SIMPLEX HORN, 6 VAC 2.5 AMP 60 Hz. MAKES LOUD PENETRATING NOISE; SCREWDRIVER VOLUME ADJUST. HEAVY STEEL CONSTRUCTION. DESIGNED FOR PARTIAL RECESS MOUNT. FRONT ENCLOSURE 4x4x1 1/2; DEPTH REQUIRED BEHIND: 1 1/2. #624-427, \$5.95.

SPRAGUE #JN14-1551A 3 X 50 AMP 440 VAC 60 Hz LINE FILTER, 11 1/2 x 9 1/2 x 3 1/2, 18 lbs sh. NEW, \$18.95

GENISCO GF-1901-75D 75 AMP 250 VAC/600 VDC FILTER, knock-outs for hook-up; long style 2 1/2 x 4 x 4, 23 lbs. NEW \$14.

RECTIFIER CAPACITOR ASSY WITH TWO 950 MFD 75 VDC (90V SURGE) COMPUTER GRADE CAPACITORS, TWO 50 MFD 75 VDC CAPS, AND FIVE 200 V 2 AMP DIODES. USE AS BASE FOR SMALL POWER SUPPLY. REMOVED FROM EQUIP-EXCELLENT, \$2.95

ADJUSTABLE ALUMINUM SHOCK-MOUNT WITH FOUR 1 1/2-3 LBS. SHOCKMOUNTS. PERFECT FOR SMALL POWER SUPPLY, AMPLIFIER OR OTHER GEAR. FITS 5-1/8" W X 6 1/2" TO 7 1/2" DEEP UNIT; 2" HIGH. SH WT: 3 LBS. #MT-569A/ARA, UNUSED, \$2.50

NATIONAL

HRO COILS

Individual coils for HRO receiver coil set plug-ins. Unused, \$2.50 ea; 4/\$8.00

KHZ

50-100: E112, E113/B143, E114/B144
 100-200: E109/B159, B140
 175-400: E112, E113
 900-2000: B120
 2-4 Mhz: B120
 4-7 " : B127, E128, B129
 7-14 " : B130, E131,
 14-30 Mhz: B30, B137



BC-610 BC-610 XMITTER PLUG-IN TUNING UNITS, 4 lbs.

#	MHZ	Price
C-389A	4.5-5.7 NVL	\$4.00
C-389C	" - " WVL	6.00
C-447	8.0-11 WVL	4.00
C-447B	" - " WVL	6.00
C-449B	14-18 WVL	7.50
TU-47	(2.0-2.5 Mhz), TU-48 (2.5-3.2), TU-49 (3.2-4.0) TU-50 (4-5), \$7.50 each	
TU-52	(6.35-8.0 Mhz)	\$7.50
TU-54	(12-18 Mhz)	\$12.00

VACUUM CAPACITOR by Jennings with connectors. Unused.

3.0mmf 15kv "V" \$2.75
 Jennings or equal mfg. used. 12mmf 20kv "VC" \$10.00
 50mmf 20 Kv "VC" \$12.00

TRAVELING WAVE TUBE



EMI 7640 TWT, similar to Hughes 313H; 2.0-4.0 Ghz, 1 Kw output, 30 db. 16x3x5; 20 lbs. sh. Sold as an experimenter's item only; not guaranteed. \$17.50

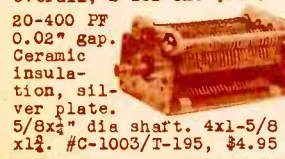
ITT D-2013 CW TWT, 5 watts 33 db gain, 8.0-9.6 Ghz, 6.3 v. heater. 12x1x3 dia. 3 lbs. sh. Unused, \$45.00

RCA 4012/A1157 TWT, 2.0-4.0 Ghz, 35 db min., 20 MW min. 15x1x3 dia. 1x3w. 4 lbs. sh. Unused, \$40.00

VARIABLE CAPACITORS, removed f/ T-195/GRC transmitter. #C-222/T-195, 25-485 pf one sec.; 23-437 pf the other. 0.03" air gap. With gears 1/2" dia. and 5/8" d. 4x3x4 1/2 overall. \$4.95

#C-221/T-195, 13.5-77.8 pf one section; 17-99.6 pf the other. 0.094" air gap. 2"x1" dia. shaft. 5x1x3 1/2 overall, 2 lbs sh. \$3.95

20-400 PF 0.02" gap. Ceramic insulation, silver plate. 5/8x1/2" dia shaft. 4x1-5/8 x1 1/2. #C-1003/T-195, \$4.95



TCS VARIABLE CAPACITOR, 2 SEC. 10-360 MMF, ONE SEC 10-360 MMF, 3 BAND CALIBRATED DIAL 4" 1.5 TO 12 MHZ SIZE: 7x3x3 1/2; WT: 10 LBS. #881 \$3.95 USED

SINGLE SECTION 11-67 pf .05" spacing. Has three front mount spacers for #6 screws

Shaft 3/8x1/2" dia; o/a 3/4x1-7/8x2 1/2. #3D9067V28 \$3.95

RBF-3-14A164, 10-40mmf gap 0.04". 2Kv. 3x2x2 1/2. \$2.95

HAMMARLUND VAR. CAPACITOR 20-90 pf 0.05" spacing. Silver-plated, 0.04" thick, plates. Right angle worm and split gear drive. Shaft 1/2" x 1/2" dia. 4x3x3 1/2 #446-6571 \$3.95

VACUUM VARIABLES

JENNINGS mfg, removed from unused equipment; 4 1/2"H x 2 1/2" diameter; 3 lbs sh wt: #UCSV-110 110 pf 10 KV \$75. #UCSV-250 250 pf 7.5 KV \$80

SINGLE SECTION 14-365 pf 0.03" gap. Shaft 1-5/8x1/2" dia; o/a 4-5/8x1-5/8x2 1/2, 2 lbs. #3D9365V-2, \$4.95

THREE GANG, 15-85 pf/gang 0.03" gap; 3x1x1-5/8x2 1/2. #074-049 unused \$4.95

3-GANG, 15-160 pf/section, 0.02 air gap; 1/2" dia shaft 1 1/2x4x1 1/2. #3TH160, \$3.95

BC-624 RECEIVER R.F. TUNER ASSY 100 - 156 MHz A.M. w/VARIABLE CAP., COILS, TUBE SOCKETS, OSC. SEC. P/O SCR-522 5x5x5; WT: 7LBS 2ZK11150 Used \$3.95/N \$5.95

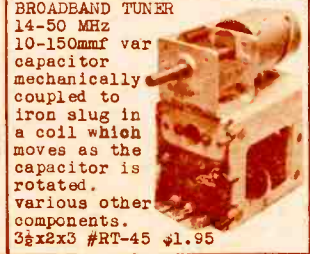
3-GANG, 2/25-500 pf & 20-180 pf; 5/8x1/2" dia shaft. 4x1x1 1/2; #ASP4741, \$4.95

3-GANG, 2 sec 20-365 pf, 1-sec 17-175pf; 1/2" dia shaft. 3x1x1 1/2; #5740, \$3.

2-GANG 6-16 pf/gang 0.05" gap. Silver-plated with brass gears; p/o TS-497 sig generator. 7/8x5/16" dia shaft; o/a 4x2-3/8x3. #3330-313, unused, \$5.95

TUNING CAPACITOR F/RT-176/PRC-10, 38 to 54.9 MHZ; 5-GANG, 5-33 PF/GANG. With 1/2" AND 5/8" DIA. GEARS; 3/16" DIA SHFT. 1x1-5/8x4, USED, \$4.95

BROADBAND TUNER 14-50 MHz, 10-150mmf var capacitor mechanically coupled to iron slug in a coil which moves as the capacitor is rotated. various other components. 3x2x3 #RT-45 \$1.95



TRANS. CAPS.

DUAL 4-30 MMF 1000 VDC 1x2, SHAFT 1/2x1/2 P/O BC-640 CARDWELL 430/IM REM \$2.95

DUAL 5-25 MMF 2000 VDC 1x2 1x4 1/2 SHAFT 1/2x1/2 P/O BC-640 CARDWELL 525/2M REM \$3.95

DUAL 4-20 MMF 2000 VDC 1x2 1x3 SHAFT 1/2x1/2 P/O BC-640 CARDWELL 420/2M REM \$3.95

DUAL 4-50 MMF 1000 VDC 1x2 1x3 SHAFT 1/2x1/2 P/O BC640 CARDWELL 450/IM REM \$2.95

BC-624/522 RECEIVER, 3 GANG 6-36 MMF EACH SECTION WITH SLUG TUNED TRIM. SHAFT 5/16 STK#3D9036V

SIZE: 4x2x3 1/2; 1 LB. \$1.50

12-365 PF SINGLE SECTION, gear reduction tuning. 1x2 shaft; o/a 3x3x2 1/2. #3D9378VES, unused, \$4.50

DUAL 6-22 MMF 1500 VDC 1x1 1/2 x2 1/2 SHAFT 3/16x1/2 TELERADIO 622/15M NEW \$1.95

VARIABLE CAPACITORS, 0.09" air gap; 1/2" dia shaft. Used #M7463006, 22-118 pf; 4x2x3, \$4.95

#P-7761569, 14-62 pf, 1x1 1/2" dia shft. 2x2x2 1/2, \$3.95

#T-7660443-8, 8-26 pf, 5/8 x 1/2" dia shaft. Overall 1 1/2x2x3, 2 lbs. \$3.95

1-GANG 15-160 pf, 0.03" gap; shaft 1 1/2x1/2" dia, o/a 1 1/2x2 1/2. #1TH160, \$2.50

JOHNSON "M" SERIES, 3/16" dia slotted shafts; o/a 1-5/8x2x5/8. Used: #160-110/20M11, 2.7-1s.6 pf; 21 plates, \$1.10 #160-130/30M8, 3 to 32 pf; 28 plates, \$1.25

PRE-SELECTOR UNIT ASST PART OF R-48 REC. 230-250 MHZ. CONSISTS OF MIXER & OSCILLATOR USING 6AG5-2 EA. 9002-1 EA. TUBES (LESS TUBES.) FOR USE WITH 30 MC I.F. SIZE: 6x5 1/2x4; 5 LBS. USED \$5

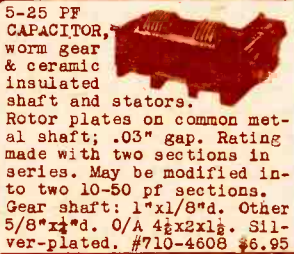
GLASS PISTON CAPACITORS #VCJ-770, 15 pf 5/8x2 1/2 \$1. #VCJ-244, 20 pf 1 1/2x2 1/2 \$1.00 #VC-30G, 30 pf 2x1 1/2 \$1.00

AIR CAPACITORS, 0.02" spacing; shft 1/2" d, 3x1x1 1/2 #21105-14 8-20 pf \$1.50 #21105-15 8-35 pf \$1.65

TU-53 OSCILLATOR PLUG-IN ASSY. FOR BC-610 TRANSMITTER

FREQ. RANGE 8-12 MHZ. CONTAINS VAR. CAPACITORS WITH SHAFTS 140 MMFD, 190 MMFD. 2/CERAMIC CAP., 1/MICA CAP., 4/R.F. COILS, 2/RES. 1/DPDT switch, dial, and two knobs Rear plugs are broken. 2x8x4 1/2, 4 lbs sh. Used, \$3.95

5-25 PF CAPACITOR, worm gear & ceramic insulated shaft and stators. Rotor plates on common metal shaft; .03" gap. Rating made with two sections in series. May be modified into two 10-50 pf sections. Gear shaft: 1"x1/8" d. Other 5/8"x1/2" d. O/A 4x2x1 1/2. Silver-plated. #710-4608 \$6.95



RECEIVING TYPE CAPACITORS FOR AM-FM-AUDIO-OSCILLATOR USE WITH SHAFTS.

#48842 DUAL 12-90 MMF & 15-140 MMF SIZE 1x1x2 \$1.00

#66972 DUAL 9-50 MMF & 1-100 MMF, SIZE 1x1x2 \$1.00

#330V020-H02 DUAL 10-90 & 14-140 MMF 1x1x1 \$1.25

#074-050J-2, 8-20 pf 1/2x1/2 shaft. \$1.25

Dual 5-15mmf, ceramic, w/friction gear to hold setting. 0.04" spacing. 2x1x1x1-7/8 in dia shaft. coil & gear removable. #358-3164 \$1.95

#KS21146L1, 3-GANG, 7-60 PF/SEC. 0.03" GAP. O/A 5x1x1 1/2, \$3.95

#NL981337-2; 35-180 PF. 3x 1 1/2x1 1/2; 1 1/2x1 1/2" D. SHFT. \$2.95

2.3-14 PF, 1/2x3/16" dia shaft. #228-6085, \$1.25

309200V-19 4 GANG, 14-200 MMF 3x1x1 1/2x4 1/2 \$4.50

#C-111/ARN-6, 5-GANG, 13-402 PF/SEC. 9x3x2 1/2 \$5.95

AIR PADDER CAP

ALL PADDER CAPS. REQUIRE SCREW-DRIVER ADJUST.

351-1054 2-8 PF 49¢
 B3535 2-20 PF 49¢
 CTM48785 5-17 PF 49¢
 657-J3 8-55 PF 79¢

SBL72265-2 8-32 pf 59¢
 3D9011V-7 5-14 pf silver-plated Hammarlund, 89¢

#CT1C100, 10-120 pf; screw-driver adj; 2x1x1x1, \$1.25

JOHNSON #T2-16; 1.9-15.7 pf 325 v. 9/16x5/16 DIA., 89¢

#3D9006V-7 DIFFERENTIAL, 3-6 PF, .045" GAP; 1 1/2x1x2, 1 1/2x1 1/2" D. SHAFT. NEW, \$1.95

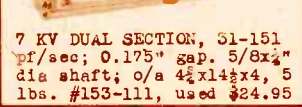
20-260 PF 0.02" air gap. Tapered plates for linear frequency; precision worm and split right-angle gear drive. Double shaft 1/2" lg 3/16" dia each end. O/a 5x3x2 1/2. #3D9270V-4 \$12.95

COMMAND RECEIVER VARIABLE CAPACITORS, 3-GANG, TRIMMERS & GEARS. 2x3x4 1/2; 3 LB. #4601, 147 PF, 3-6 MHZ, \$4. #6558, 62 PF, 6-9 MHZ, \$4.

TRANSMATCH ASSY ROTARY INDUCTION, 16 TURNS, 5-4.15 MICRO-HY. w/VARIABLE CAP. 5-50 MMF. 2000V

RE-MOVED FROM EQUIP. DESIGN FOR 14-50 MHZ. SIZE: 2 1/2x5x5 4 LBS. #88W502 \$6.95

7 KV DUAL SECTION, 51-151 pf/sec; 0.175" gap. 5/8x1/2" dia shaft; o/a 4x1x1 1/2x4, 5 lbs. #153-111, used \$24.95



MICROWAVE COUPLERS

DIRECTIONAL COUPLERS from 1.7-3.4 Ghz transmitter.

#2CFR/TRC29 Double coupler, DC signal output for power meter and 40 db RF for wavemeter; 3 type C connections, one 1N21 diode connector for DC. 4x2x1 1/2 \$8

#3CFR/TRC29 TRIPLE COUPLER which fed P-A. 36 db and 65 db RF outputs; DC output for P-A meter. 4 "C" connections and one 1N21 connector. 5x2x1 1/2 \$9.95

#2SLT/TRC29 2-SLUG TUNER, provides isolation, coupling, and impedance matching between 50 ohm klystro output and P-A input. Two slug adjust. 10x1x1 1/2 \$10. UG-573 C-conn. Used, \$1.25

AM & FM TUNERS

AM FREQUENCY 550 - 1600 KC FM FREQUENCY 88 - 108 MC UNITS HAVE NOT BEEN USED

F.M. TUNER WITH 1/120T8 TUBE & DIAL. SIZE 3x2x2 URC#462 \$3.95

A.M. & F.M. TUNER SAME AS ABOVE URC#2H02 \$4.95

SPIRAL INDUCTO TUNER 60-90MHZ w/50PF PARALLEL 3 SEC. SILVER PL. 4x2 TURNS. 3x1x1 1/2 #37695 RE-MOVED \$5.95

LC-902 ANTENNA INPUT TANK FOR TN-2A/APR-1 TUNING UNIT, FREQ. 76 to 300 MHZ. WITH VARIABLE CAPACITOR, COIL, AND 955 TUBE SOCKET. SIZE: 4x3x3 WT: 4 LBS. UNUSED \$5.95

LC-702 ANTENNA MIXER TANK FOR TN-3A/APR-1 TUNING UNIT FREQ. 300 to 1000 MHZ. WITH VARIABLE CAPACITOR AND COIL SIZE: 2 1/2x3 1/2 WT: 3 LBS. PRICE: \$3.95

LC-701 OSCILLATOR TANK FOR TN-3A. WITH VARIABLE CAPACITOR AND COIL. SIZE: 4x4x4 WT: 4 LBS. UNUSED \$4.95

RECEIVER STYLE VARIABLE CAPACITORS, 500 V spacing; 1/2" dia shaft. 3x1x1 1/2, unused.

3-gang, 15-365 pf/gang; #3TH-365, \$3.95

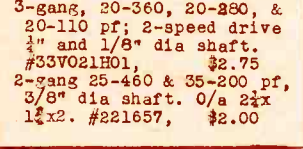
3-gang, 15-365 pf/gang; 3/8" dia shaft w/1" dia adapter. #306836 \$4.50

3-gang, 15-280 pf/gang; #350ZLDD, \$4.95

3-gang; 2/25-460 & 25-180 pf; #9776 \$4.75

3-gang, 20-360, 20-280, & 20-110 pf; 2-speed drive 1/2" and 1/8" dia shaft. #33V021H01, \$2.75

2-gang 25-460 & 35-200 pf, 3/8" dia shaft. O/a 2 1/2x1 1/2. #221657, \$2.00



INSULATORS



STAND-OFF, CROWS FOOT, 7" Hx1 1/2" O. CAST BASE, 2 1/2" CTRS. TOP CAST W/3/16"-20 SCREW #5970-405-8992 \$4.00 SIMILAR, ABOVE 3" 3.00

FEED-THRU INSULATOR (Fig 2) 1/2" HOLE 7/8" DIA. W/NECK 3" LONG 30¢ 6" LONG 50¢ 8" LONG 60¢ STOCK NO. 1014-(LENGTH) SAME AS ABOVE OVAL TWIN-

PORCELAIN STAND-OFF INSULATORS, SCREW THREADED. #P-4H-.75D, 8-24 THRD, \$.50 #P-5H-.75D, 8-24 THRD, .65 #P-6.75H-1D, 10-24 THRD, .85

RED PLASTIC INSULATOR, 1-3/8x1 1/2" dia; 3/8" dia threaded hole each end. #4160312 NEW 59¢ ea, 2/\$1. IN-88 SPREADER INSULATOR, 2 1/2x3 1/2" dia; 1/16" hole, 4/\$1. STK.#36584 IN-84 FEED-THRU CONICAL SHAPE, 5" LG. O/A; 2 CONICAL SHAPED 1-1/8 LG. x1 1/2 DIA. AT BOTTOM, 1" AT TOP, 1/4" DIA. ROD WITH 1/4 20 THREAD WITH NUTS/WASHERS 1LB. 25¢ EA. 5 FOR \$1.00

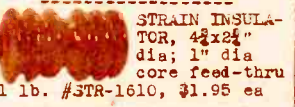
GLASS-BONDED MICALEX STRIPS 10" Lx1" Wx5/8" TH. Five holes .2" dia. #36110-160, \$1.50

GE #X7102768P1, same as above, 7-3/8" Lx3 1/2" Wx3/8" TH. Ten holes, \$3.00 ea.



INSULATOR THREADED BRASS EACH END FOR 1/4" SCREW. #CLASS 16U-2 1/2x1 1/2" \$2. 16U-3 1/2x2" \$3.

INSULATOR STANDOFF FEED-THRU, THREADED ONE END; 3/8" HOLE. ACE-3"Hx1 1/2" \$1.



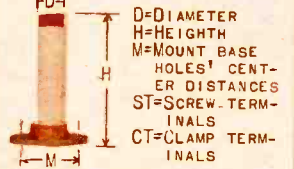
STRAIN INSULATOR, 4 1/2x2 1/2" dia; 1" dia core feed-thru 1 lb. #STR-1610, \$1.95 ea

ART-13 TRANSMITTER ANTENNA INSULATOR PANEL; WITH 3 1/2x4 OBLONG INSULATOR WITH TWO SPRING-TYPE BINDING POSTS. ALSO A 1/2x1 AND A 3/4x2 CONICAL INSULATORS WITH PUSH-TYPE BINDING POSTS. WT: 1 LB. COMPLETE ASSY. USED \$1.00

STAND-OFF INSULATOR H-1 1/2, B-1 1/2, A-1 1/2, 1/4" BOLT REQ. 1 1/2" MTG HOLE #PP-1048 NO HARDWARE 3 FOR \$1.00

STAND-OFF'S

STAND-OFF INSULATORS, CROWS FEET TYPE. BRASS AND PLATED BRASS BASES AND TERMINALS.



#B-H3-D1.25-ST3, BROWN CERAMIC; M=2.25". TERM. CAP SIZE: 7/8x1-5/8" DIA. SHPG. WT: 2 LBS. \$2.75 #B-H4-D1.25-ST2, WHITE; M=2.25". TERM CAP: 1x1-5/8" DIA. 3 LBS. \$3.25 #XW-H5-D1-ST, WHITE; M=2.25" TERM CAP: 1 1/2x1" DIA. \$3.00 #W-H5-D1.25-ST, WHITE; M=2.625" TERM CAP: 3/8x1 1/2" DIA. 3 LBS. \$3.75 #B-H5-D1.25-CT, WHITE; M=2.25". TERM CAP: 1x1-5/8" DIA. 3 LBS. \$4.00 #BL-H6-D1.25-ST2, BLACK PAINT ON BRASS; M=2.625" TERM CAP: 1 1/2x1" DIA. SHPG. WT: 4 LBS. \$4.25 #W-H6-D1.75-NTH, WHITE; M=3.75". NO TERM CAP; THREADED. 5 LBS. \$4.50 #B-H7-D1.25-ST, BROWN; M=2.25". TERM CAP: 5/8x1-5/8" SHPG. WT: 3 LBS. \$4.75 #W-H8-D1.75-NTH, WHITE; M=3.75". NO TERM CAP; THREADED. 6 LBS. \$5.25

FLEXIBLE COUPLING

CERAMIC FLEXIBLE COUPLING 1" dia x 1/2" for 1/2" dia shaft. #COUN003-2, 45¢ ea #COUN008; 2-5/8" dia x 2", for 3/8" dia shaft. 79¢ ea #COUN009; 2X2 CERAMIC COUPLING for 3/8 dia shaft. 69¢ ea #COUN10; 3 1/2" dia x 1 1/2", for 3/8" dia shaft. \$1.25

AC LINE CORDS

3-COND. GROUNDED equipment cord, 8' #18 wire. Molded plug; black. #FW-3CG \$1.25 #W14-3CG, as above but #14 wire; black. \$2.00 ea 3-COND w/business machine plug, fits most Hewlett-Packard equip. Without AC plug; 5 1/2'. #HP-3CG \$1.50

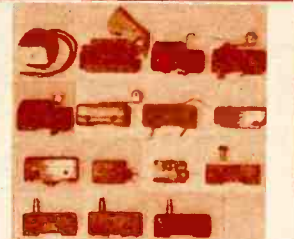
MORE DOLLAR DEALS

TOGGLE SWITCHES, SPST cut-offs, 5/\$1.00 13 PUSH SWITCHES, SPST norm-open, 5/\$1.00 14 SLIDE SWITCHES, 2PDT and SPDT, 5/\$1.00 15

SPST ROCKER DIP SWITCHES for PC board use. Can be soldered or fit in socket. Grayhill mfg. NEW #763B04, 4 sw, 3.75; 5/\$3.

SELECTOR SWITCH 15 BUTTON, MAKE ONE BREAK ONE, RELAY RELEASES ALL BUTTONS WHEN ACTIVATED, 115 VAC OR 24VDC, SIZE: 12 1/2x7 1/2x2; WT: 7 LBS. URC#1524115 NEW \$3.95

MICRO SWITCHES



SPST MICROSWITCHES 1-7/8x 5/8x1 1/2, 30¢ ea unless otherwise noted. Normally open-n.o. Norm closed-n.c. #WHBT349A-1 n.o. lever #YZ-3RLTC n.o. lever 15A #SW-186 n.c. ext-pin #WZ-R39 n.c. ext-pin #2MC3-1A n.c. pin; 1-5/8x 1/2 size. #V3-23 n.o or #V3-21 n.c. pin; 9/16x1x1-3/8 size. MU-SWITCH Type D in split dye cast housing; 1/2" tap conduit hub. 17/8, 5 amp 125/250 VAC new. 75¢ SPDT, one side n.o./other n.c.; 1-7/8x5/8x1 1/2, 40¢ ea #3Z-3R244T4, pin style #WHBT349B-1, lever style #BZ-2R, button w/mtg 50¢ #V3-1 9/16x1x3/8 size #322RW80-D5, 3" lever; 15 A 125/250/480 V 50¢ #EM-2RW80211-A2, 1/2" high squared hook lever; 22 A 125/250/480 VAC, NEW 60¢

TAP SWITCHES

TAP SWITCHES, 120/240 VAC 10/5 amps unless otherwise noted; 2 1/2" d. Used. #AHH-23-10; 2-deck 3-pos w/knob \$2. #AHH-230; 2-deck 3-pos and OFF. Cont. turn; 15/10 A. No knob; 3/16" d shaft. \$2.25 #AHH-33-10; 3-deck, 3-pos with knob, \$2.50 #AHH-63-10; 6-deck, 3-pos with knob, \$3.50 #AHH-2W-3W 3-pos with OFF. 120/240 VAC 30/15 A (2-wire), 15/15 amp (3-wire). 1-7/8x 1 1/2x1 1/2, 2 lbs sh. Used w/knob \$2.50

OHMITE 412-12 TAP SWITCH, 12 taps rated 50 amps AC 300 volts, 150 V between taps. Shaft 1 1/2" dia; o/a 4" dia x 2 1/2, 4 lbs. \$7.95

ES TAP SWITCH, 60 amp 500 VAC/250 DC 4-position 2-deck, 6 cont/deck. Pos 1 makes cont 2-3, P2 (1-2-4), P3 (1-5), P4 (1-2-6). 5 1/2x6x4 1/2, 10 lb 3S#125402A, unused \$16.95

PUSH SWITCHES



DPST normally open, 1 amp 250 VAC; #PSW004 35¢ DPST interlock n.o., (3Z-9825/254), #PSW006 65¢ SPST pull switch, normally open, #PSW007 35¢ SPST normally closed case ground; #PSW008 35¢ SPST normally closed, Grayhill #4002 50¢

2-BUTTON momentary; red breaks, black makes. 3 1/2x 1-5/8x1-1/8; #RB-EM \$1.50



ARROW-HART 100 AMP 600 V AC tap switch 2-deck 2-pos on-off. 6 1/2x6 1/2x4 1/2, 15 lbs. #8944 NEW \$12.

KNIFE SWITCH



SA-13 HEAVY DUTY SPDT KNIFE SWITCH, contacts on 2 1/2"H 1" square ceramic insulators on 4x8 bakelite base; 4 lbs sh. Square-D mfg, \$16.95

MINI-TOGGLES



MINI-TOGGLE SWITCH STRIP, 9-SPDT C&K U11 and one U15 momentary toggles soldered to PC board; 12/16" L handle. 2 lbs. #MT-9-1M \$4.50

CUTLER-HAMMER mini-toggles, all 120 VAC 6 amp; NEW: SPDT center-off \$1.50 3/\$4.25 3PDT on-on, \$1.65, 3/\$4.25 4PDT on-on, \$1.75, 3/\$4.50

SWITCHES



MINIATURE SWITCHES, all new. Black: blk. White: wh.

DPDT on-on, blk. or wh button (a); C&K #8221, 65¢ SPDT on-off-on, wh. toggle (b); Alco #MLD106E, 75¢ SPDT on-on, blk. rocker (c) JPT #MR2-123, 65¢ SPDT on-on, blk. push-type Alco #MSP105D, 60¢ SPDT on-on 1-side momentary blk or wh push; CK8168 65¢ SPST red or wh. tog. (e), not mini. #CH838LK22 60¢ SPDT mini-toggle, baton throw; on-on. #7101T 65¢



DPST one side mom. (f) toggle; Alco #CST-023TA, 2/\$1 SPDT n.o./n.c., push button (g); Licon #76-2450, 2/\$1 DPDT on-on slide (h), 3/\$1 DPST sub-mini slide switch; Chicago EIA 50, 5/\$1. Interlock switch (i); 10 A. Cherry #E69-30A, 2/\$1.

SWITCHES

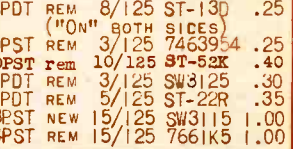


AIRCRAFT TYPE SWITCH TWO HOLE MOUNTING FIG. #1 CIR CON RATING NO PR SPST NEW 5/125 B-15 .65 ABOVE MOMENTARY N/CLOSED SPDT rem 5/125 B-9A .50 (above center-off) SPDT NEW 15/125 B-1B .30 SPDT REM 5/125 B-7A .55 (CENTER OFF, MOM ONE SIDE)

TOGGLE SWITCHES

TOGGLE SWITCHES SINGLE HOLE MOUNTINGS: CONDITION NEW & "REM" REMOVED FROM EQUIPMENT, ALL GUARANTEED. CIR CON RATING NO PR SPST NEW 8/125 8817K2 .35 (ABOVE SWITCH MOMENTARY) SPST REM 6/125 SW-105N .30

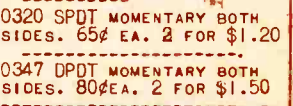
SPDT REM 8/125 ST-13D .25 ("ON" BOTH SIDES) DPST REM 3/125 7463954 .25 DPST REM 10/125 ST-52K .40 DPDT REM 3/125 SW3125 .30 DPDT REM 5/125 ST-22R .35 3PST NEW 15/125 SW3115 1.00 4PST REM 15/125 7661K5 1.00



TEN PUSH SWITCH STRIP EACH D.P.D.T. INDIVIDUAL HOLD OR COLLECTIVE OR RELEASE NEW 12x4x3/4; NO.4C5231 \$2.25

ROCKER SWITCHES

0319 SPST 39¢ 3 FOR \$1.00 0348 DPDT 59¢ 2 FOR \$1.00 0320 SPDT MOMENTARY BOTH SIDES. 65¢ EA. 2 FOR \$1.20 0347 DPDT MOMENTARY BOTH SIDES. 80¢ EA. 2 FOR \$1.50



PUSH BUTTON SELECTOR

WHITE BUTTONS, 1 THRU 4 SEPARATE CONTACTS, 5, 6, 7 MAKE 2, 3, 4 RESPECTIVELY W/COMMON. RED BUTTON RELEASES ALL. RATED @ 120/240VAC 8; SIZE: 4 1/2x1 1/2x2 1/2; WT: 2 LBS. GE#ASP8128-417 UNUSED \$7.75

LEVER SWITCHES

4PDT ONE SIDE 2PDT OTHER SIDE, BOTH SIDES MOM. # 1155 NEW \$2.00 TV-2 tube test P1 lever sw; make 2-break 2. Removed \$2. 2PDT ONE SIDE, OTHER 2 MAKE, P/O EE-2, USED \$1.00 8PDT & 4MAKE MOM. ONE SIDE OTHER SIDE ONE BREAK HOLD. CENTER OFF. SW-1323 USED \$1. 4PST EA. SIDE NORM. OPEN & HOLD, CTR. OFF 3Z9818-9.1 N \$2. 2PDT ea. side of switch, no center off. SE#649-31 \$2

SPDT make before break and 2/SPST normally closed; single hole mount. Teletype #129596 (FSN #5930-259-6880), unused, \$1.50 2PST ONE SIDE ONLY HOLD, CTR OFF, ONE HOLE MTG. SWITCHCRAFT 5T3148 NEW \$1

EQUIPMENT BLOWERS



18 VDC 2400 RPM 5-BLADE FAN removed from oscilloscopes; runs well on 6 VDC. 7" dia blade rotation; o/a 8 1/2" dia X 5 1/2" depth. Includes eight single TO-3 heatsinks; 8 lbs sh. #B4C1/USM, used, \$16.95

TRC-29 XMITTER BLOWER, 200 CFM, 115 VAC 60 Hz 1.2 amps @ 3300 RPM. 4-5/8" dia inlet; outlet 2 1/2 x 1 1/2. Motor mount. With 10 mfd capacitor. Overall: 8x9x8, 12 lbs. Used \$14.95

TORRINGTON BLOWER, 200 CFM 220 V 3000 RPM (100 CFM 115 VAC 1500 RPM). 4" dia intake; 2 1/2 x 3 out. Outlet mtg 4" dia. O/A 7x7x7 1/2, 10 lb Torrington #A13980, unused \$18.95

EASTERN AIR TWO SPEED BLOWER, 2800/3200 RPM capacitor-start motor 1/40 HP 0.38 amp 115/230 VAC 50/60 Hz. Mounted on base w/4 mfd capacitor, terminal strips. Approx 150 CFM. Intake 3" dia, outlet 1 1/2 x 2 1/2. O/A 8 1/2 x 11 x 6 1/2, 14 lbs sh wt. EAD #B747M1-C, used, \$12.95

FASCO DUAL BLOWER 50 C.F.M. 115 VAC 60 Hz 0.74 amp @ 2800 RPM. Outlets 2x1-5/8. One outlet is parallel to mounting base; other is at 90°, but can be modified as shown in picture. Inlets 2 1/2" dia. Overall 7 1/2 x 6 x 5 1/2, 12 lbs sh. Fasco type 21, #127S217, unused, \$10.00

ORDANANCE BLOWER 6 VOLTS DC, approx 150 CFM with turbine-type impeller. Intake 3", outlet 1" dia. Overall size: 6 1/2 x 6 1/2 x 4, 7 lbs sh wt. ORD #C486392, unused, \$7.95

BLOWER/VACUUM, 115 VAC solenoid reverses intake/outtake allowing unit to work as blower or vacuum. 1 1/2" dia hoses; 6x8 dia, 12 lbs. #3M-CFB, \$12. Less solenoid, \$9.

5-BLADE 7" DIA FAN in 7 1/2" dia X 6" h housing; 115 VAC 60 Hz. Can probably be adapted to duct fan. With 2 mfd capacitor; 9 lbs sh. #14-20/5B-DF, used, \$14.95

4-BLADE 6" DIA FAN in conical 7 1/2" to 5-3/8" dia X 7" high housing; 115 VAC 60 Hz. Adapt to use as duct fan. 8 lbs sh. #3M/4B-DF, used, \$9.95

FAN-TYPE BLOWER, 115 VAC 60 Hz 20 watts; 4" plastic fan blades. Open frame low-noise motor in metal case-motor-type frame. Approximately 100 CFM. 13x5x2, 5 lbs sh. Howard #1075-3102, used, \$4.50

HEATSINKS

9x4x1 1/8" ALUMINUM. DRILLED FOR 3/10-3 #37941 UNUSED \$2.75
12 1/2x5x1" aluminum w/3 or 4 TO-3 transistors. #HS-HSB used \$3.95

BLACK TAB MTG HEATSINK WITH 2/2N3055 OR EQUAL w/HDWR INSULATOR, RESISTORS 4 1/2 x 1 1/8 x 2 1/2 (4 7/8) TOTAL #HSV/2T REMOVED \$2.00

#THS, drilled for TO-3; 4x3x1-1/8, 85¢ 4/3¢.
#WE-HLD HEATSINK w/diode approx 100 PIV 25 amp; 5x3x1 1/2. Used, \$2.50

#DHS, SAME AS ABOVE, ANODIZED DRILLED FOR DO-4 DIODES. 3-7/8x2 1/2x1-1/8, 2 For \$1.00

DUAL TO-36 HEATSINK, 3x3 1/2 x 1-3/8; flange mounting. #HST036, \$3.75 each or 3 For \$1.00

#3DS23-8 HEATSINK, 5x3x1-9/16; drilled for 3 large stud rectifiers (1" dia recesses), \$2.

#2D734 HEATSINK, 7x4 1/2 x 2 1/2, drilled with two 25/32" dia. holes. 3 lbs sh. Unused, \$3.50

SERIES 680 HEATSINKS, 1 1/2" sq. NEW #1.0C-5-5, 1" high with 0.33" dia. hole for rectifier, 85¢ ea.
#75A-16-1, 0.75" high for TO-3 transistor, 75¢ ea.

COMPACT AXIAL FANS



AXIAL FANS, 4 1/2" square X 1 1/2" thick; 115 VAC 60 Hz. Removed from equipment; guaranteed.

Rotron MUFFIN or similar; 3-blade 14W \$9.

5-BLADE axial fan in metal frame; 18 watts. Various manufacturers, used, \$12.
IMC BOXER FAN, 220/240 VAC 50/60 Hz 0.1 amp; 5-blade in metal housing, \$11.95

ROTRON BT2A-1 BISCUIT fan, right angle 1"x2" out-take; 115 VAC 50/60 Hz 16 watts, \$12.95

SPRITE FAN ROTRON MODEL SU2A3

Small 3-1/8x3-1/8x1-5/8 size. Seven blade plastic fan in die cast housing. 115 VAC 60 Hz. 2 lbs. sh. NEW, \$12.95

FIVE BLADE COOLING FAN, 4-5/8" dia. rotational no enclosure. Mounting bracket hole centers 5-7/8" apart. 115 VAC 60 Hz. 2 lbs. sh. Airtrol #11-2100, NEW, \$4.95

OPEN FRAME COOLING FANS, 115 VAC 60 Hz; metal or nylon blades. Removed from equipment.

#NCR-50, 5" blade rotation, \$3.50

HEATSINK ASSEMBLIES

LARGE HEATSINK BANK consisting of five 12 1/2" L x 5" W x 1" Th heatsinks and 19 transistors similar to 2N3055's. Assembly originally part of 4 V. 75 amp power supply. Use as-is or dismantle for parts. O/A 13 1/2 x 5 1/2, 12 lbs sh. Removed f/equip. #HSB4-75, \$16.95

#75-4-2400 SERIES 400 HEATSINK with two 1 1/2" dia. power rectifiers at least 100 PIV 100 amp each. Size: 5x5x6 w/1-5/8 fins. 8 lbs. sh. Removed, \$17.

#75-4-400S SERIES 400 HEATSINK with 7/8" dia. SCR at least 100 PIV 100 amps. Size: 5x5x4, 4 lbs. sh. Removed, \$5.95

CROWBAR OVP

SCR CROWBAR CIRCUIT, consists of 40RC55 SCR rated I_T 63 A 50 V max. mounted with thermal switch and two resistors. Potted assembly has trigger voltage adjust 4-7 V. Use with 5 V supplies for overvoltage protection or modify for other uses. #CRBR-40, NEW, \$3.50

10 INCH CONDOR FAN



10" dia CONDOR FAN, moves air at rates 450-575 CFM at less than 49 dbm. 3-blade fan set in 3.5" deep aluminum housing. Motor has long-life stainless steel ball bearings. 5 lbs sh. Unused, \$22.95

ROTRON 7" dia FEATHER FAN, 270 CFM free air delivery; 2 1/2" depth. 3-blades, 3 lbs. \$14.95

HOWARD 4 1/2" square equipment fan with 5/8" deep aluminum cast frame and five nylon blades. Heavy duty motor rated 19 watts; overall depth 2-5/8". Removed from equipment. #1175-08, \$9.95

5-BLADE FAN, 6 1/2" dia rotation; mounted in 9 1/2 x 11 1/2 aluminum frame with 8x8 removable filter. Motor rated 105/125 VAC 50/60 Hz 1/40 HP 3350 RPM; 4 mf 330 VAC capacitor included. 5 1/2" depth behind panel. 10 lbs sh. #B201/MD141, used, \$14.95

HEWLETT-PACKARD

HEWLETT-PACKARD TEST METERS, used-complete; add \$30 for "checked" price. Manuals, \$7.50 each when purchased with a meter.

HP-400D VTVM, 0.0001 to 300 V-rms in twelve ranges; -50 to +60 db. 10 Hz-4 Mhz response. 23 lbs sh. Repairable, \$65.00
HP-400DR, same as above, except rackmount; 30 lbs. \$60.

HP-412A DC VOLTMETER, 1 mv to 1000 VDC in 13 ranges; also 1 microamp to 1 amp and 1 ohm to 100 megohms. Mirrored scale; 23 lbs. \$100.

HP-413AR DC NULL VOLTMETER, 13 zero-centered ranges from 1 mv-1000 VDC; rackmount. \$60.

HP-425AR DC MICROVOLT-AMMETER, 1 uv to 1 V and 1 p-amp to 3 ma; 28 lbs. Checked, \$135.

HP-430C MICROWAVE POWER METER, 0.1-10 mw over 10 Mhz-40 Ghz depending on thermister mount; 21 lbs sh. Used, no thermister mount, \$45.00

HP-431B POWER METER, replaced HP-430C; 9 lbs sh wt. Used, no thermister mount, \$85.00

HP-460AR WIDEBAND PULSE AMPLIFIER, \$45.00

HP-202A FUNCTION GENERATOR, \$65.00

HP-212A PULSE GENERATOR, \$50.00

HP-200CD WIDEBAND OSCILLATOR, \$95.00

HP-739AR FREQUENCY RESPONSE TEST SET, 300 Khz to 10 Mhz in three ranges, \$95.00

HP-405BR DC DIGITAL VOLTMETER, 0.001-999 VDC; design accuracy ±0.2%, \$85. HP-405CR, \$95.

HEWLETT-PACKARD 650A TEST OSCILLATOR for 10 Hz to 10 Mhz in six ranges. Output 30 mv to 30 volts; 600 ohm impedance. Output attenuator 0-50 db in 10 db steps, flat ±1 db throughout range. 10 1/2 x 19 x 15, 48 lbs sh. Used, repairable, \$95.00; Cabinet for 650A, add \$10. Manual, \$8.50 w/purchase.

FLUKE 803D

FLUKE 803D AC-DC DIFFERENTIAL VOLTMETER, 0.1-500 volts AC-DC. Designed accuracy: ±0.2% (AC), ±0.05% (DC). Response 20 Hz to 10 Khz. 115 VAC 60 Hz required. 12 1/2 x 9 1/2 x 16, 35 lbs. Used \$49.50
803R, earlier rackmt vers \$24.
801, earlier DC only version of 803D, \$19.95

SG-321 LOW FREQUENCY FUNCTION GENERATOR, .008 to 1200 Hz square, triangular, or sine wave in five multiplier ranges. Max. output: 33 p-p. Synch pulse 22.5 V peak neg., less than 5 u-sec duration. Internal impedance: 40 ohms. Output balanced or single-ended; 19 tubes. Requires 115/230 VAC 50-400 Hz. 12x19 1/2 x 14 1/2, 65 lbs sh. Unused, \$65.00

AN/URM-23 RF POWER BRIDGE w/attenuator kit, 1 to 4 Ghz, 5 mw-5 watts; 50 lbs, \$100.00
AN/URM-32 FREQUENCY METER w/ AC power supply, 125 Khz-1000 Mhz, \$67.50; Checked, \$99.50
FR-114/TSM-16 FREQUENCY METER w/6-NIXIE tube readout, 20 Hz-1 Mhz; 70 lbs sh. \$65.00
SG-299 SQUAREWAVE GENERATOR 1 Hz-1 Mhz, \$45.
TS-488A ECHO BOX, 8990-9610 Mhz, \$225.00
TV-7D/U TUBE CHECKER w/data; checked, \$85.00
TV-10D/U TUBE CHECKER w/data; checked, \$95.

2400-3400 MHZ WAVEMETER

TS-117/GP WAVEMETER TEST SET designed for frequency measurements between 2400 and 3400 Mhz. Used to measure antenna radiation, local oscillator frequencies, relative field strength, and relative output. Q from 1800 to 2000. Includes 50 u-ammeter, sensitivity vernier, and frequency micrometer with conversion tables. Accessories AS-23 directive antenna, UG-183 cable, UG-57 and UG-131 adapters and transit case. Uses N connectors. 5x6x3, 15 lbs sh. Used, complete, \$39.95
Less accessories, \$29.95

SIGNAL GENERATORS



HEWLETT-PACKARD 606A, 50 KHz to 60 Mhz AM in six bands. Output: 0.1 uv to 3 volts into 50 ohms, vernier and step controlled. Features constant output and modulation and low distortion.

10 $\frac{1}{2}$ x19 $\frac{1}{2}$ x13 $\frac{1}{2}$, 50 lbs sh. Used, checked, \$795.00

TS-418/URM-49, 400-1000 Mhz AM, CW, pulse. Output: 0.2 to 200K uv into 50 ohms. 12 $\frac{1}{2}$ x17 $\frac{1}{2}$ x13 $\frac{1}{2}$, 70 lbs sh. Used, repairable, \$175.00

TS-419/URM-64, 900-2100 Mhz CW and pulse $\frac{1}{2}$ MW max. into 50 ohms. Repetition rate between 40 and 4000 pulse/sec. Delay: 3 to 300 u-sec. 14x17 $\frac{1}{2}$ x11, 50 lbs sh. Used, repairable, \$165.



HEWLETT-PACKARD 6088R SIGNAL GENERATOR, 10 to 480 Mhz AM; rackmount, Checked w/book, \$595.
TS-621/S6557 3.8-7.5 Ghz GENERATOR, write

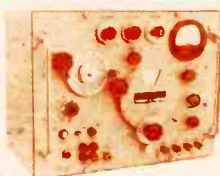
AUDIO OSCILLATOR

TS-382* AUDIO OSCILLATOR, 20 Hz to 20 KHz in four bands. Output: 0 to 10 volts across 1000 ohms. With built-in 60 and 400 Hz REED FREQUENCY METER. Size: 10x12 $\frac{1}{2}$ x18 $\frac{1}{2}$, SHPG. WT: 50 LBS. NET: 45 LBS. PRICE: USED, REPARABLE, \$49.50. CHECKED, \$65.



TS-382F AUDIO OSCILLATOR, MOST RECENT VERSION TS-382. USED, REPARABLE, \$60. CHECKED, \$75. TRANSIT CASE F/TS-382F, USED, \$10.00.

1.6 TO 4.2 GHZ GENERATOR



TS-403 SIGNAL GENERATOR similar to Hewlett-Packard 616B; 1.6 to 4.2 Ghz directly calibrated. Output 0.1 uv to 200K uv into 50 ohm load monitored on 3 $\frac{1}{2}$ " round Power Level meter. Internal modulation 40 to 4000 Hz. External

pulse-mod requires -40-+70 V; width 1 to 2500 u-sec squarewave or modulated. Requires 115/230 VAC 50-1000 Hz. 17 $\frac{1}{2}$ x13 $\frac{1}{2}$ x13 $\frac{1}{2}$, 70 lbs sh. Used-reparable \$185. Manual, repro \$10.

KLYSTRON POWER SUPPLY

HEWLETT-PACKARD 715A KLYSTRON POWER SUPPLY for low power klystron tubes. Output -250 to -400 VDC regulated 30 to 50 ma for the beam electrodes and 0-900 VDC regulated for the reflector electrode. Reflector volts can be modulated by internal 1 KHz square wave or externally; square wave modulation adjustable up to 120 V peak-to-peak. Frequency modulation for 60 Hz sine wave 0-350 V p-p. Requires 115/230 VAC 50-60 Hz. 7 $\frac{1}{2}$ x11 $\frac{1}{2}$ x13 $\frac{1}{2}$, 26 lbs sh. Used, with output cable, \$49.50; Less, output cable, \$39.50



VOLTMETER-VLF RECEIVER



ME-71/FCC AUDIO LEVEL METER, COVERS 20 TO 500 KHz CONTINUOUSLY TUNEABLE. AS SELECTIVE DETECTOR, IT MEASURES RF CARRIER ACROSS A 135 OHM BALANCED OR 600 OHM UNBALANCED LINE. VARIABLE ATTENUATOR PROVIDES INPUT SENSITIVITIES FROM -70 TO -42 DBM INDICATED ON 3 $\frac{1}{2}$ " DIA. METER. INCLUDES 100 KHz CALIBRATOR. INPUT IMPEDANCE: 10K OHMS. AUDIO GAIN AND TWO PHONE JACKS. VARIOUS MODELS ("C" PICTURED). POWER REQUIRED: 115 VAC 60 Hz. 17x14x9; 40 LBS SH. ME-71, w/NATIONAL-TYPE DIAL USED, \$40.00 ME-71B, USED, REPARABLE, \$45. ME-71C, \$50. OPERATIONAL, ADD \$30. MANUAL, REPRO, \$8.50

DISTORTION ANALYZER



HEWLETT-PACKARD DISTORTION ANALYZER MODEL 330BR. WILL GIVE QUICK ACCURATE MEASUREMENTS OF DISTORTION AS LOW AS 0.1% AT ANY FREQ FROM 20 CPS TO 20,000 CPS

IT WILL MAKE NOISE MEASUREMENTS OF VOLTAGES AS SMALL AS 100 MICROVOLTS. THE ANALYZER HAS HIGH SENSITIVITY AND HIGH STABILITY. ITS CIRCUIT 20 DB AMPLIFIER, OSCILLOSCOPE TERMINALS, AND PRECISION VACUUM TUBE VOLTMETER WHICH IS USEABLE SEPARATELY. EXCEPTIONALLY USEFUL FOR ALL KINDS OF AUDIO MEASUREMENTS IN RECORDING, BROADCAST, MOTION PICTURE, LABORATORY ETC. SIZE: 8 $\frac{1}{2}$ x19 $\frac{1}{2}$ x13 $\frac{1}{2}$ (RACKMTG) WT: SHPG. 40 LBS. PRICES: USED REPARABLE \$185. CHECKED \$225.

TS-723-C SPECTRUM ANALYZER, MILITARY VERSION OF HP-3308; USED, REP, \$165. CHECKED, \$210

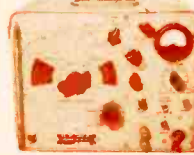
FM SIGNAL GENERATOR

SG-12/URM- FM SIGNAL GENERATOR, 19.5 TO 102 Mhz FM IN FIVE BANDS WITH DEVIATION RANGES 0 TO 25, 50, AND 100 KHz; 1000 Hz MODULATION. ALSO IF OUTPUTS ON 1.4, 2.515, 2.65, 2.88, 4.3, 4.45, 5.0, 5.35, 15 Mhz. PLUS TWO SPARE POSITIONS. CALIBRATED OUTPUT VOLTAGES: 0.5 UV TO .01 VOLTS (RF), 0.5 UV TO 1.0 V (IF). OUTPUT IMPEDANCES: 10 OHMS (RF); 25 OHMS (IF). WITH 1 Mhz AND/OR 2 Mhz CRYSTAL CALIBRATOR MARKERS. POWER REQUIRED: 115/230 VAC 50-1000 Hz. SIZE: 12x18x12; SHPG WT: 85 LBS.



Used, repairable, \$85.00; Checked, \$140.00
MANUAL, partial repro, \$12. TRANSIT CASE \$15.

10 KHZ TO 50 MHZ



AN/URM-25F SIGNAL GENERATOR, covers 10 KHz to 50 Mhz AM in nine bands. RF output: 0.1 to 100K microvolts into 50 ohms; 2 V adjustable across high load impedance. Modulation 0-50%, 400 or 1000 Hz internal. 1 Mhz calibrator; designed accuracy $\pm 0.05\%$ above 10 Mhz. Requires 115 VAC 50-100 Hz. 11 $\frac{1}{2}$ x14x10 $\frac{1}{2}$, 44 lbs. Used, repairable, \$145. Checked, \$210.00

ACCESSORIES available w/purchase of URM-25F: BOOK-partial repro, \$10. DA-109 Dummy Load \$8 CX-2919 Test Lead Adapter, \$7.50 CU-406 Impedance Matcher, 500 ohms up, \$7.50 CU-408 Impedance Matcher, 70 ohms, \$7.50 BNC Cables, 6", \$1.00; 4 feet, \$1.50

SPECIAL SALE VTM's!

VACUUM TUBE VOLTMETERS at reduced prices due to special quantity purchase. All are used.

TS-505/U, ranges 0 to 2.5, 5-10-25-50-100-250-500 Vrms plus 1000 VDC scale. Also X1 thru X1 Megohm ranges. Response: 30 Hz to 5 Mhz. With AC, DC, and ohm probes. 9 $\frac{1}{2}$ x9 $\frac{1}{2}$, 17 lbs. Repairable \$45. NOW \$20. Checked, \$45. 500 Mhz probe \$10 w/purchase. MANUAL, partial repro, \$8.50



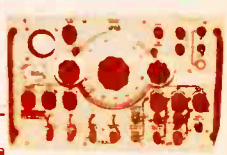
HEWLETT-PACKARD 410B, features 20 Hz to 700 Mhz response with full scale ranges 1-3-10-30-100 and 300 Vrms plus 1000 VDC. Resistance scales X1 thru X1 Meg. High frequency AC probe has EA53/2-01C tube. 11 $\frac{1}{2}$ x7 $\frac{1}{2}$ x8 $\frac{1}{2}$, 15 lbs sh. Repairable, \$59.50 NOW \$59.50 Checked, \$109.50 NOW \$85.00 Manual, \$8.50 with set purchase.

ME-180/USM-116, similar electronically to the HP-410B, set has added 0.02 to 1000 MA DC feature. Response to 100 Mhz with AC probe and to 700 Mhz with optional T-connector accessory. AC probe uses 6923, EA52 tube. 7x8 $\frac{1}{2}$ x9, 21 lbs sh. Repairable, \$35. Checked, \$65.00 T-connector, \$10 w/set. Manual, par-repro \$10



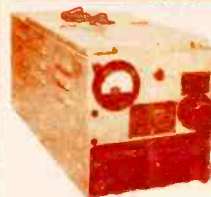
FREQUENCY COMPARATOR

CM-212/USM-144 FREQUENCY COMPARATOR, used with frequency counters to determine with high accuracy frequencies from 10 Mhz to 12.4 Ghz; similar to Hewlett-Packard 540A oscillator. Measures CW, FM, and pulse modulated RF signals. Unknown signal is fed into USM-144 and is compared to a mixed frequency generated



from a stable, continuously adjustable fundamental from 100 to 220 KHz. Difference in the unknown is shown on 2" dia CRT (2BP1) display. Final determination of the input signal made by the zero beat of the fundamental multiplied by the appropriate harmonic. Requires 115 VAC 50-440 Hz; 13 $\frac{1}{2}$ x19 $\frac{1}{2}$ x13 $\frac{1}{2}$, 65 lbs sh wt. Used, repairable, \$89.50
TRANSIT CASE \$10 w/purchase. MANUAL \$10 w/set

0.1-10 GHZ FREQ. METER



TS-186/UP FREQUENCY METER, measures frequencies from 100 Mhz to 10 Ghz using harmonics of a 50-1250 Mhz heterodyne oscillator. Zero beat dial readings are interpolated into frequencies via a calibration book. Zero beat indicated on an 0-1 milliammeter or

monitored through a 600 ohm headphone jack. RF signal input must be from 500 MV to 1 V for proper use. With tubes 2040, 955, 5Y3, 2/OD3, and 5/6SJ7. Power required: 115 VAC 50-1000 Hz. 9 $\frac{1}{2}$ x8 $\frac{1}{2}$ x10, 48 lbs sh. Used, repairable \$35. Checked, \$165.95. MANUAL f/TS-186, partial reproduction, \$8.50

VOLUME & CURRENT METER



NORTHERN RADIO MODEL 254 VOLUME and CURRENT LEVEL INDICATOR with 34-step, 2 db per step attenuator

marked -40-0-+26. Volume meter indicates -20 to +3 db. Has input transformer 20-40000 Hz ± 0.7 db 7500 ohms. Select either terminating or bridge input. Current meter shows 75-0-75 MA DC. With tubes 0A2, 3C4, 6X4, and 12AU7. Power required: 115/230 VAC 60 Hz. Size: 5 $\frac{1}{2}$ x19x7 $\frac{1}{2}$; 18 lbs sh. Unused w/manual, \$60.00

COMMERCIAL TEST EQUIPMENT, used-reparable: BOONTON 202H AM-FM GENERATOR, 54-216 Mhz \$350 BOONTON 207H UNIVERTER, 100 KHz-50 Mhz frequency range extender for 202H, \$75.00 BOONTON 190A Q-METER, 20-260 Mhz, \$235.00 GENERAL RADIO 916A RF BRIDGE, \$195.00 GR-1652 RESISTANCE LIMIT BRIDGE, \$100.00

PSM-6 MULTIMETER



AN/PSM-6 MULTIMETER, rugged compact unit 4 $\frac{1}{2}$ " dia. 50 microamp meter. Ranges 0.5-2.5-10-50-250-1000 VDC (1K ohm/v or 20K ohm/v) and VAC; 100 microamps to 1 amp DC. Also ohms multiplier scales X1 thru X10K ohms. Readings to 5000 VDC and 10 amps possible when used with accessory adapters which are not available. Requires 13.4 VDC battery tapped at 1.34 V. With test leads. 8 $\frac{1}{2}$ x7 $\frac{1}{2}$ x4 $\frac{1}{2}$, 12 lbs sh wt. Used, repairable, \$45.00.

PULSE GENERATOR

RUTHERFORD B7F PULSE GENERATOR with 2 Hz to 2 Mhz repetition rate in five bands. Pulse delay: 0.0 to 10K u-sec. Width: 0.05 to 10K u-sec. Pulse output 50 V min. into 50 ohm load, positive or negative. Rise/fall time 0.015 u-sec. Sync pulse out 10 V min., 0.05 u-sec width; 0.03 u-sec risetime, positive polarity. Requires 115 VAC 50-60 Hz. 8 $\frac{1}{2}$ x19 $\frac{1}{2}$ x13, 50 lbs sh wt. Used, repairable, \$75.00



DUAL-TRACE PRICE-CUTS



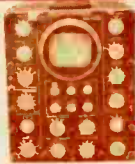
AN/USM-140C OSCILLOSCOPE, DC to 30 Mhz mainframe, similar to H-P 170A. INCLUDES MX-2930 DUAL-TRACE VERTICAL PLUG-IN WITH DC TO 22 Mhz PASSBAND. INPUT IMPEDANCE: 1 MEG-OHM SHUNTED BY 30 PF. INPUT SENSITIVITY: 0.02 VOLT/CM TO 20 V./CM. FUNCTIONS: CHANNEL

A, CHOPPED, A-B, AND ALTERNATE. HORIZONTAL MX-3078 PLUG-IN SWEEP RATE: 0.1 U-SEC/CM TO 5 SEC/CM. HORIZ. SENSITIVITY: 0.1 V/CM TO 10 V/CM. MAGNIFIER XI TO X100 IN SEVEN STEPS. CALIBRATOR: 0.2 MV TO 100 V. IN NINE RANGES. POWER REQUIRED: 115/230 VAC 50-1000 HZ. SIZE: 14 1/2 x 19 x 22; SHPG. WT: 110 LBS. PRICE: USED, REPARABLE, \$195. CHECKED, \$295.

HICKOK 1805 SCOPE, DC-30 Mhz mainframe similar to TEK 545A; used-reparable, \$165.00

OSCILLOSCOPE CLOSE-OUT

BROWNING OL-23 OSCILLOSCOPE, DC to 5 Mhz with triggered sweep and sweep delay; 5-step vertical attenuator from 1:1 to 1:625. 5" CRT; 80 lbs sh. Used, reparable, \$79.50



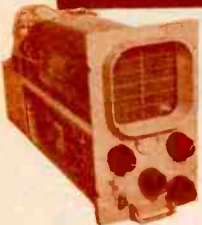
Other scopes, used-reparable:
DUMONT 294A DC to 14 Mhz SCOPE w/ext power supply; 150 lbs sh., \$60.00
DUMONT 324 SCOPE, DC-300 KHz, 75 lbs., \$55.
DUMONT 401A SCOPE, DC-500 KHz, 50 lbs., \$75.
HICKOK 770 SCOPE, DC-5 Mhz, 60 lbs., \$57.50
TS-28/UPN SCOPE, 1 KHz-5 Mhz, 110 lbs \$47.50
OS-51/USM-24C SCOPE, 2 Hz-8 Mhz, 63 lbs \$60.
PROBES for OS-51, 10:1 or cath follower \$10.

DUMONT 304H SCOPE



DUMONT 304H OSCILLOSCOPE, has big 5" CRT (5CP1). DC to 100 KHz response; usable to 300 KHz. 100 MV full scale vertical sensitivity. Sweep: 2-30 KHz. Max. sweep rate: 1" per u-sec. Input impedance: 2 megohms paralleled by 50 pf. Graticule not included. Power required: 115/230 VAC 50-60 Hz. 9x13 1/2 x 19; 65 lbs. sh. Used, reparable, \$45.
304H SCOPE shipped with 5CP7 CRT, \$49.50
DUMONT 304A SCOPE, same as "H" model, but uses 5ADP1 flat-faced CRT. Used, rep., \$50.
MANUAL for 304A or H, partial repro., \$8.50

SCOPE FOUNDATION



TS-1273 OSCILLOSCOPE, originally the display unit for a radar test set, but appears to be a good foundation for a compact scope. Features a 3" sq. flat-face (4MP1) CRT. 50 Hz-6 Mhz response; 0.05 u-sec risetime. Input attenuation ranges: .05, .1, .2, .5, 1, 2, 5, 10, and 20 v/inch. Selectable input imped: 7 megohms (approx) or 75 ohms. Controls for vertical, horizontal, astig., focus, intensity, vert. attenuator, and impedance. With CRT shield, bezel, and tubes 4MP1, 2/1V2, 5/5814, 2/6BQ5. No sweep generator, horiz. amp, or blanking circuits. Requires 250 VDC deflection volts; +1500 and -1500 VDC high voltage originally supplied from internal oscillator type source. Schematic incld. 17x4 1/2 x 8; 12 lbs. sh. Used, w/all tubes, \$30. W/4MP1 only, \$25.

ME-6D VOLTMETER



ME-6D/U VTVM, covers 0.005 to 500 V-rms in six ranges and -65 to 57 db. Built-in 15 Hz-250 KHz wide-band amplifier with max. voltage gain of 4500; minimal distortion to 23 VAC output. 115 VAC 50-400 Hz. 11 1/2 x 6 1/2 x 5 1/2; 14 lbs sh wt. Used-reparable, \$20. Checked, \$40.
MANUAL f/ME-6D, partial repro \$8.50

SWEEP GENERATORS

KAY 111A SWEEP GENERATOR

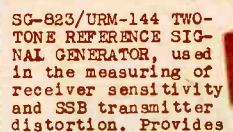
KAY 111A SWEEP GENERATOR, 10-950 Mhz in two bands. Sweep width 50 KHz-40 Mhz continuously variable. Sweep rate variable around 60 Hz; locks at line frequency. RF output: 0.15 Vrms (Hi) or 0.07 Vrms (Lo) into 70 ohm. Sweep output approx. 20 V regular sawtooth. Has micrometer frequency readout and uses two 2K25 tubes in the oscillator. 9x19x17, 45 lbs sh. Used-reparable w/good 2K25's, \$65.



SSB TEST EQUIPMENT



SG-376 TRANSISTORIZED TWO-TONE I.F. SIGNAL GENERATOR for testing SSB equipment. Has two 20 Hz-20 KHz audio oscillators and two independent I.F. oscillators. IF output: 497.5, 498.5, 501.5, or 502.5 KHz only; also 497.5 & 498.5 or 501.5 & 502.5 KHz simultaneously. Output levels: 2-2.5 V into 600 ohms (AF); 1-1.25 V into 50 ohms (IF) with attenuation to 100 db in 1 or 10 db steps. Designed distortion less than 60 db below max signal. Requires 115 VAC 50-450 Hz. 5 1/2 x 19 x 11, 35 lbs sh. Used-reparable \$135; Chkd., \$195. MANUAL for SG-376, \$7.50 if purchased w/set.



SG-823/URM-144 TWO-TONE REFERENCE SIGNAL GENERATOR, used in the measuring of receiver sensitivity and SSB transmitter distortion. Provides two RF outputs which can be used independently or in combination with no intermodulation effects. Frequency outputs: 2.0, 3.6, 4.0, 7.2, 8.0, 14.4, 16.0, 28.8 Mhz at 100K u-volts max into 50 ohms. Frequency adjust $\pm 0.05\%$ (tone A), $\pm 0.0025\%$ (B). Distortion at least 60 db below max signal. Requires 115 VAC 60 or 400 Hz. 5 1/2 x 19 x 11, 35 lbs sh wt. Used, reparable, \$125.00; Checked, \$185.00. MANUAL for SG-823, \$7.50 if purchased w/set.

TV-2 TUBE TESTER



TV-2 DYNAMIC MUTUAL CONDUCTANCE TUBE TESTER, checks most military and older commercial receiving and low power emitting tubes. Test sockets for 4,5,6,7-pin, 7- and 9-pin miniature, loctal, octal, acorn, sub-mini flat and round tube bases. Measures mutual conductance, emission, gas, noise, and shorts. Meters for filament, grid, plate, screen, signal, and transconductance (percent quality). Theoretical-ly, a tube not listed on the roll data chart can be tested by setting the proper voltages on the meters provided those voltages are known. Requires 115 VAC 50-1600 Hz. 17 1/2 x 8 1/2 x 16 1/2; 50 lbs sh wt. Used, reparable, \$75.00; Checked, \$110. MANUAL, partial repro., \$10.

FR-149 FREQUENCY METER



FR-149/USM-159 TRANSISTORIZED FREQUENCY METER, COVERS 125 KMZ TO 1000 Mhz IN THREE RANGES: 125 KHz-2.5 Mhz, 2.5-65 Mhz, AND 65-1000 Mhz. CAN BE USED AS A SIGNAL GENERATOR BY PROVIDING EITHER MODULATED OR UNMODULATED SIGNALS. FREQUENCY FUNDAMENTALS READ DIRECTLY FROM MAGNIFIED AND ILLUMINATED CALIBRATED FILM STRIP AND THEN INTERPOLATED IN ACCOMPANYING CALIBRATION BOOK. OPERATES FROM EITHER SIX "D" CELL BATTERIES OR FROM 115/230 VAC 50-450 HZ. SIZE: 11 1/2 x 11 1/2 x 13; SHPG. WT: 33 LBS. USED, REPARABLE, \$99.50. CHECKED, \$150.00

8500-9600 Mhz TEST SET

TS-148/UP SPECTRUM ANALYZER

8470-9630 Mhz with 3" CRT (3BP1) display. Measures frequencies of cavities, echo boxes, magnetrons, and local oscillators. Receives CW and pulse; transmits CW and FM carrier. 1 MW power output (2K25). Max. spectra dispersion: 1.5 Mhz/in. Requires 115 VAC 60 Hz. 19x13 1/2 x 25, 45 lbs sh. Used, \$50.00



AN/UPM-33 TEST SET, includes TS-148/UP, wave guides, horn antenna, cables, transit case, and manual; 80 lbs sh. Used, \$85.00

AN/TRM-3 SWEEP GEN. 15-400 Mhz AM-FM, \$295.
AN/URM-76 TEST METER for AN/ARC-34, \$50.00
AN/USM-45 CALIBRATOR SET, 200-11200 Mhz \$175.
ME-22 DB METER, 0.2-35 KHz, -45-+25 dbm, \$60.
TS-413 SIGNAL GENERATOR, 75 KHz-40 Mhz, \$80.

PHASE-TEST SCOPE



MK56 PHASE-TEST SCOPE, essentially an OS-8 oscilloscope modified to check phasing of selysna and synchros. Major changes are the addition of a phase tune 0-360° dial and enlarged case. Unit has 3RP1 CRT DC to 2 Mhz vertical, and DC to 500 KHz horizontal response. Sweep: 3 to 50 KHz. Input impedance: 9 megohms shunted by 11 pf. Schematic incld. Requires 115 VAC 50-1000 Hz. 9 1/2 x 9 1/2 x 17, 24 lbs sh. Used, reparable \$55.

ORION AC VTVM



ORION V-100M VACUUM TUBE VOLTMETER with 6" w X 4 1/2" h mirrored scale; similar to Hewlett-Packard 400H. Twelve full scale meter ranges from 0.001 to 300 VAC (rms) or -60 to +50 DB. Response 10 Hz to 4 Mhz. Input impedance 10 megohms shunted by 24 pf (.001-0.3 V) or 14 pf (1-300 VAC). Requires 115/230 VAC 50-1000 Hz. 11 1/2 x 7 1/2 x 11 1/2, 22 lbs sh. Used, reparable, \$45. Checked, \$75.

DATA TECH 5313



DIGITAL PANEL METER, 0-20 VDC 3 1/2 digits; Data Tech Model 5313-220. Accuracy: $\pm 0.1\%$ reading plus one count. Input impedance: 10 megohms. Has Sperry 7-segment 0.5" readouts. Also auto polarity, overvoltage protection 4200 V., Uses standard TTL and linear IC's for easy repair. Manual and schematic included. 4" w x 1-7/8" h x 5 1/2" d. 3 lbs sh. Checked, \$39.50

AN/USM-50 OSCILLOSCOPE

AN/USM-50 OSCILLOSCOPE, 3 Hz to 15 Mhz response with sweep delay and 3ADP1 CRT. Sweep continuously adjustable 0.17 to 37.5K usec. Risetime: 0.022 usec. Markers at 0.2, 1, 5, 20, 100, 500, 2K usec. Vertical input impedance: 1 megohm shunted by 40 pf. Horizontal: 1 megohm shunted by 30 pf. Calibration: 1 KHz adjustable 20-200 mv. External connections possible to vertical plate and horizontal amp. Less probes. 15 1/2 x 19 1/2 x 16 1/2; 80 lbs sh. Used, reparable \$75. Checked, \$125. MANUAL, partial reproduction, \$10.00



TS-34A/UP SCOPE, 30 Hz to 1 Mhz response with 2AP1 CRT. Rise-time: 0.25-30K usec. Sweep adjustable in 3 ranges from 10-50000 Hz. Input impedance: 62 ohm (low) or 430K ohms (hi). Input sensitivity: 0.1 to 1 V at low impedance. 6x8x15, 40 lbs sh. Gov't record., \$65. Manual, \$8.50 w/set

TRANSISTORIZED SCOPE



HFE 74214A TRANSISTORIZED SCOPE, British made, uses PC cards for pre-amp, deflection amp, time base, intensity mod, and sweep amp; provision for delay, trigger pick-off, and

trigger delay. Approx 300 KHz response; top-to-bottom sweep can be easily changed to left-to-right. Standard oscilloscope controls including 0.1-10 V/div attenuator in 7-steps, 1 usec-10 msec time base 5-steps, X2 multiplier; Time Base Shift, Free Run/Single Shot, etc. Slightly bent frame; less case and power plug. Requires 115 VAC 60 Hz or 12 VDC 1 amp. 9x17x25, 63 lbs sh. (Can be shipped UPS in two packages.) Used, repairable, \$350.00

OS-106/USM-117 TRANSISTORIZED SCOPE, DC to 5 Mhz w/MX-2996 high gain plug-in; has dual-trace capabilities with proper plug-in. Compact 8 1/2 x 9 1/2 x 14 1/2 size, 28 lbs. Used, repairable, \$185. Checked, \$285. Manual, repro \$15.

TELETYPEWRITER SCOPE



TDA-2N TS-1060 TELETYPEWRITER TEST SCOPE, MEASURES BIAS AND DISTORTION OF START-STOP AND SYNCHRONOUS TELEGRAPH SIGNAL ON A 3" CRT. INPUT SPEEDS APPROX. 60 WPM (5 UNIT CODE), 60, 75, 100 WPM 7.42 CODE, ANI BAUD SPEED EQUIVALENTS TO 60, 75, 100 WPM (10.42 UNIT CODE). INPUT IMP. 100 OHMS FOR 60MA NEUTRAL; 300 OHMS FOR 20MA NEUTRAL AND 30MA POLAR. MEASUREMENT RANGE 0-50% MARKING, OR SPACING BIAS AND DISTORTION. TUBES: 3KP1, 5651, 0A2, 3, 12A17, 6X4, 0B2, 3, 5963, 5726. POWER REQUIRED 115/230V 60HZ. 8x8x15 SHPG. WT: 24 LBS. USED REPAIRABLE \$34.95 (FOUNDATION UNIT) LESS C.R. TUBE 24.75

ME-9 MULTIMETER



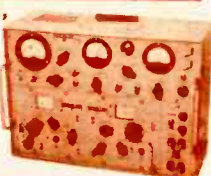
ME-9/TS-352 MULTIMETER, PORTABLE GENERAL PURPOSE VOM. 1000 OHMS/VOLT AC-DC SENSITIVITY OR 20,000 OHMS/V. SENS. DC ONLY. MEASURES AC-DC VOLTS FROM 2.5 TO 1000 V. IN SIX RANGES. DC AMPS FROM 250 U-AMPS TO 10 AMPS IN EIGHT SCALES; OHMS FROM X1 TO X10K. WITH 4" METER (FS=50 UA); JACK FOR 5000 VDC @ 20,000 OHMS/V.; AND TEST LEADS. REQUIRES THREE 4 1/2 VDC AND ONE 3 VDC BATTERIES (NOT AVAILABLE). SIZE: 11 1/2 x 8 1/2 x 6; SHPG. WT: 17 LBS. USED. PRICE: REPAIRABLE, \$29.95; CHECKED, \$39.95

TS-375/U VACUUM TUBE VOLTMETER, AC VOLTS RANGES FROM 1.2 TO 120 VAC IN SIX STEPS; DC VOLTS FROM 1.2 TO 300 VDC. FREQUENCY RESPONSE FROM PANEL TERMINALS: 40 Hz TO 50 KHz; OR 10 KHz TO 150 Mhz USING PROBES. WITH BOTH AC AND DC PROBES. POWER REQUIRED: 115 VAC 60 Hz. SIZE: 10 1/2 x 10 1/2 x 6 1/2; SHPG. WT: 23 LBS. USED. PRICE: REPAIRABLE, \$18.95;



MULTI-PURPOSE TEST SET

AN/TRM-1 SIGNAL GENERATOR, covers 0.19-400 Mhz AM using two RF oscillators SG-32 (0.19-30 Mhz in 5-bands) and SG-33 (30-400 Mhz). Internal modulation 0-60% @ 1 KHz or 200-6000 Hz external. Output: 2.5 to 100K u-volts in nine steps; 50 ohm impedance. Built-in voltmeter measures 0-3-30-600 VDC, 0-3-30-300 VAC, and 0-10-100-1000 MW. Also tests performance of 3 to 100 watt transmitters over freq. range when proper coupler and dummy load (not included) is used. Write for availability/price of accessories. Requires 115 VAC 60 Hz. 18x13x8; 65 lbs. Shipped UPS in two cartons. Used, repairable \$135. Checked, \$225. MANUAL, partial repro., \$10.



TEKTRONIX



TEKTRONIX manufactured test equipment removed from service. Sold in "used, repairable" condition. Write for "checked" price. Scopes requiring plug-ins are sold "less plug-in." Qty. ltd.

TYPE 511AD 5 Hz to 10 Mhz, \$85.00
514D DC to 10 Mhz w/delay, \$100.00
531 DC to 15 Mhz, plug-in type, 125.00
533 DC to 15 Mhz, plug-in type, 135.00
535A DC to 15 Mhz, plug-in type with sweep delay, 185.00
536 DC to 10 Mhz X-Y scope w/T plug-in; requires additional plug-in \$225.
543A DC to 30 Mhz single time base; X100 mag., plug-in type, \$215.00
545 DC to 30 Mhz with sweep delay, two time base; plug-in type, \$225.00
545A later model 545; price includes dual-trace CA plug-in, \$325.00
551 DUAL BEAM to 25 Mhz, uses two plug-ins; with ext power supply \$250.00
555 DUAL BEAM to 30 Mhz w/sweep delay, Type 21 and 22 time base plug-ins and external power supply; requires two vertical plug-ins, \$295.00
RM551A compact scope w/2B67 time base plug-in and choice of 2A60 1 Mhz or 2A63 300 KHz diff. plug-in, \$245.
RM567 DIGITAL READOUT SCOPE w/Type 6R1 display; requires 3376 and 3777 plug-ins (not available), \$235.00
575 TRANSISTOR CURVE TRACER SCOPE, \$250
585A DC to 80 Mhz with sweep delay and 82 dual-trace plug-in, \$425.00

TEKTRONIX TYPE 62 DUAL-TRACE SCOPE PLUG-IN, DC to 80 Mhz response for 580-series \$175. *****

TEK TYPE CA DUAL-TRACE, DC to 24 Mhz for 530, 540, and 550-series scopes, \$110.00 *****

Other vertical amp plug-ins for Tektronix scopes and similar ones by other manufacturers. Add \$10 for units of Tektronix manufacture. All "used-repairable":

TYPE B, Wide-band, high-gain, \$35.00
TYPE D, High-gain, DC differential, \$25.00
TYPE E, Low-level, AC differential, \$35.00
TYPE G, Wide-band, DC differential, \$20.00
TEK TYPE 53/54K, Fast-rise, \$45.00
TYPE L, Fast-rise, high-gain, \$55.00
TEK 2B67 Time Base for 560-Series, \$95.00
TEK 10A2A DC-100 Mhz dual-trace f/647 \$195.



TEKTRONIX 180A TIME-MARK GENERATOR, 14 time-mark intervals from 1 u-sec to 5 seconds. Three sine wave freq: 5, 10, & 50 Mhz. Trigger rate freq: 1, 10, 100 Hz and 1, 10, 100 KHz. Power required: 115/230 VAC 50-60 Hz. Size: 13 1/2 x 10 x 16 1/2, 37 lbs sh. Used, repairable \$75 Used, checked, \$100.00

TEK 180 TIME-MARK, older square-cornered case version of above pictured unit, \$62.50

TEKTRONIX 105 SQUARE WAVE GENERATOR, 25 Hz to 1 Mhz directly readable on meter, \$85.00

TEK 107 SQUARE WAVE GENERATOR 400-1K Hz, \$60.

TEK 160A POWER SUPPLY f/sequence rack, \$25.00

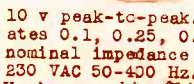
TEK 161 PULSE GENERATOR module, \$25.00

TEK 162 WAVEFORM GENERATOR module, \$25.00

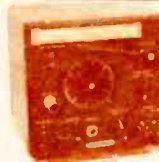
TEK 163 FAST-RISE PULSE GENERATOR module, \$25

TEK 181 TIME-MARK GENERATOR, 1-10-100-1000-10K usec plus 10 Mhz sine wave, \$60.00

TEKTRONIX 190A CONSTANT-AMPLITUDE SIGNAL GENERATOR with 190A attenuator unit; produces sine waves at constant amplitude in the 350 KHz to 50 Mhz range. Six bands; output continuously variable over entire range. Also 50 KHz position variable over narrow band. Output amplitude variable from 40 mv to 10 v peak-to-peak. 190A attenuator attenuates 0.1, 0.25, 0.5, 1, 2.5, 5, and 10 at nominal impedance of 52 ohms. Requires 115/230 VAC 50-400 Hz. 9 1/2 x 13 1/2 x 11; 30 lbs sh wt. Used-repairable \$145. Checked \$145.



LM FREQUENCY METER



LM FREQUENCY METER, crystal calibrated unit covers 125 to 20,000 KHz in two bands. Design accuracy better than 0.02%. Output 250 uV minimum; 600 ohm impedance. 40% AM modulation at 500 Hz. With calibration book, 1000 KHz crystal, and tubes 6A7, 76, 77, 2/991. Requires 12 V 600 ma AC, 260-475 VDC 20 ma. 8 1/2 x 8 1/2, 14 lbs sh wt. Gov't-reconditioned, \$24.95; MANUAL, \$7.50 w/set. Power input connector for meter, \$3.00

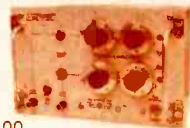
SIGNAL GENERATORS

AN/URM-25 SIGNAL GENERATOR, older version of URM-25F, 10 KHz-50 Mhz AM in nine bands. Output 0-100K uv in- to 50 ohms. Modulation 0-50% 400 or 1000 Hz internal. One Mhz crystal calibrator. Requires 115 VAC 50-1000 Hz. Less front cover; 11 1/2 x 14 x 10 1/2, 44 lbs sh. Used, repairable, \$85. Checked, \$130. ACCESSORIES available w/purchase of URM-25: MX-1487 impedance adptr \$6. MANUAL, \$10. SM-35 antenna simulator, \$5. CN-223 5:1 attenuator \$5. CN-224 10:1, \$6. *****

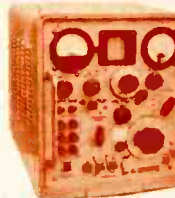


3 TO 405 MHZ AN/URM-26 SIGNAL GENERATOR, older version of URM-26B, 3-405 Mhz AM-CW in six bands; output 0.1 to 50K uv into 50 ohms. 0-50% internal modulation, 400 or 1000 Hz. Requires 115 VAC 50-1000 Hz. 11 1/2 x 15 1/2 x 10 1/2, 42 lbs sh wt. Used, repairable, \$90.00. Checked, \$135.00. MANUAL, partial reproduction, \$10.00. CN-179 10:1 or MX-1289 adapter, \$7.50 each.

PLUG-INS FOR HP-524 AND SIMILAR COUNTERS. USED, REP. ADD \$10 FOR HP MFG. MX-1637 10-100 Mhz, \$35. CV-594 100-220 Mhz, \$25. HP-525C 100-500 Mhz, \$125. HP-526A VIDEO AMP, \$40. MX-1636 TIME INTERVAL, \$25.00. HP-525C PERIOD MULTIPLIER, \$40.00. TRANSIT CASES F/525-526 PLUG-INS. STEEL (11 x 8 x 8), \$5.00. FIBERGLASS (14 x 9 x 9), \$10.00



TS-510A SIGNAL GENERATOR



TS-510A/USM-44A SIGNAL GENERATOR, 10 to 420 Mhz AM, CW, and pulsed carrier. Internal modulation 400 or 1000 Hz. External mod: 100 Hz to 20 KHz. Output: 0.1 volt to 0.5 volt into a 50 ohm load. Large 3 1/2" round meters indicate Percent Modulation and Output Volts-DBM. With built-in

1 Mhz and 5 Mhz crystal calibrator. Similar to Hewlett-Packard 608D. Power required: 115/230 VAC 50-1000 Hz. 13 1/2 x 16 1/2 x 21, 80 lbs. Used, repairable with output, \$225.00 \$195. *****

MANUAL for TS-510A, partial reproduction \$10.

4 TO 405 MHZ GENERATOR

SG-117/URM-26B SIGNAL GENERATOR, 4.0 to 405.0 Mhz AM-CW-pulse in six bands. Compact unit has 0.1 to 100K u-volt output @ 50 ohms. Modulation 400 or 1000 Hz 0-50%. External pulse-mod requires positive 40 V min., 50-5000 pps; duration 2-40 u-sec and 70 ohm input impedance. Requires 115 VAC 50-1000 Hz. 11 1/2 x 14 x 10 1/2, 36 lbs sh wt. Used, repairable, \$175.00. Checked, \$225.00; Manual, partial repro. \$10. ACCESSORIES sold only w/purchase of URM-26B: CN-315 2:1 attenuator, 50 ohms, \$6.00. CN-316 10:1 50 ohm \$7.50. CN-471 10:1 70 ohm \$8. CU-439 impedance matcher, \$7.50. BNC cords, 4 ft, \$1.25; 6", \$1.00



**TAKE 30% OFF
PRICE ALL ITEMS THIS COLUMN**

PRINTER MECHANISM

MATRIX PRINTER MECHANISM, precision German-made mechanism used in a U.S. assembled matrix printer which has speeds up to 180 CPS bidirectional, 0-132 or 0-158 columns. Includes single platen, ribbon drive, motors, belts, paper guides, etc. In 26"x8 1/2"x20"D beige plastic case with cast-aluminum base. Cover lifts for easy access. Add your own control/interface electronics and print heads and make it operational. 75 lbs sh wt. #MPM/MI2, unused, \$79.50



#MPM-2P/MI2 MECHANISM, same as above except with dual platen; 80 lbs sh. Unused, \$130.00

PRINTER STAND for above; 25"H with 13x24 top support for bolting on desk top or cabinet. Storage behind foot panel. Welded steel construction; chocolate brown. 38 lbs sh. Shipped bus or truck only. #PSD/MI2, used, \$20.

KEYBOARD ENCLOSURE as used with Datanetics keyboard described below; 4 lbs sh. \$14.95

DATANETICS KEYBOARD as used with matrix printer. 75 keys ASCII encoded. Requires -5, -12 VDC. Assembled keyboard with unassembled, unpainted enclosure. Edge connector, hardware, pinouts incld. \$69.50



MECHANISM PC BOARDS

#217D-242 CARRIAGE-RIBBON MOTOR DRIVER BOARD, provided outputs for red/blk ribbon solenoid, ribbon motors, and carriage as well as voltages for Processor, Controller, and RAM PCB's. Has power transistors 6/TIP142, 3/TIP-140, 3/TIP145, 2/TIP2955, 2/LM320T-12, 2N3055, etc and 74-series IC's; -40 -5 -9 VDC req. With pin-outs, \$16.95

#217D-243 PAPER FEED #1/ HEAD DRIVER PCB, provides outputs for printhead needles, voltages for carriage/ribbon motor PCB, I/O for optical clock, and output to paper feed #2. Has transistors 13/TIP142, 2/TIP145, 2N3055, 4/MP1455P IC's, and 16/74-series IC's. Requires +40, +9, +5 VDC; 8x28x2. w/pin-out \$18.

PRINTER POWER SUPPLY as used with above. Has AC outputs 2/24, 6, 18, 42-14-0-14-42 V from 115 VAC 60 Hz input. DC rectification required for proper voltages. Also has line filter for external fan, relay for cover interlock, and two fuses. 11x6x4, 18 lbs sh wt. #803-101, \$14.95

PRINTER INTERFACE PCB

#217E-238 PROGRAMMABLE INTERFACE, has 8080A microprocessor, 8251 programmable communications interface, 2/8255 programmable peripheral interface, 8224 clock generator, 8228 controller, 3/8205 decoders, MC14411 baud rate generator, 4/2111-4 256x4 RAM, 4/4804 1024x4 RAM, 74123, 74196, and 74LS04. Also four 8-place DIP switches for baud rates 75-110-134.5-150-200-300-600-1200-1800-2400-3600-4800-7200-9600 and sockets for 2/2708 EPROM. Provisions for additional 2/2708, 4/4804, 8251, and secondary transmit-receive components. Requires -9 and +5 VDC; 7x10x2. With pin-out, \$65.

#217D-249 SERIAL INTERFACE, has 8212 8-bit input-output port, 8251, MC14411, 75188, 75189, 74LS08, 74LS10, two 74LS243, 1.8432 Mhz crystal, five 3-place DIP switches for baud select as on #217E-238 interface. Provision secondary xmit-receive components. -12 -5 VDC 4x7. W/pin-outs \$21.

COMPUTER FOUNDATION

DISPLAY CIRCUIT BOARD WITH EIGHT 3/8" 7-SEGMENT LED READ-OUTS, EIGHT RED LED'S, 15 DARLINGTONS, 8 PNP TRANSISTORS 3/C4003 SHIFT REGISTERS, PLUS OTHER COMPONENTS, BLOCK DIAGRAM. 10x3 1/2, #ECR7700, \$9.95

COMMUNICATIONS CIRCUIT BOARD, CONTAINS MODEM CARD WITH 7/1458 OP AMPS (NO SCHEMATIC). MAIN BOARD HAS TMS-6011 UART, INPUT SHIFT REGISTERS, AND GATES (TEN IC'S). ALSO INPUT TRANSFORMERS FOR MODEMS, SELECT WIRING FOR 4- OR 2-LINE INPUT, AND LEVELS 0 DBM, -3 DBM, -6 DBM, OR -9 DBM. MODEM INFO, BLOCK DIAGRAM. #ECR9600, \$12.95

IMPRINTER LOGIC BOARD, THREE 200 VOLT 4 AMP TRIACS DRIVEN BY CONTACTS OF THREE 12 VDC REED RELAYS. ALSO HAS 2/4003 SHIFT REGISTERS, EIGHT DARLINGTONS, EIGHT PNP'S, 3/9002, AND A 4049 HEX BUFFER/CONVERTER. W/BLOCK DIAGRAM. 10x4, #ECR9060, \$7.95

CONTROL CIRCUIT BOARD WITH C4004 4-BIT MICROPROCESSOR, 2/4003 SHIFT REGISTERS, 3/4002 RAM'S, AND 8/4001 ROM'S. ALSO A 4.704 Mhz CRYSTAL, FIVE OTHER IC'S FOR CLOCK AND GATING, 12 IC SOCKETS, BLOC DIAGRAM. 10x5, 3 LBS. #ECR9620, \$13.95

MICROCOMPUTER POWER SUPPLY, USES TWO 3-TERMINAL REGULATORS AND A 723 WITH TIP3055 TRANSISTOR. INPUT: 115 VAC 60 Hz; OUTPUT: -25 VDC 180 mA; -5 VDC 800 mA, -15 VDC 1.25 AMPS. WITH SCHEMATIC. SIZE: 3x5x4; SHPG. WT: 10 LBS. #ECRPS-744, \$15.00

CREDIT CARD SCANNER, USES AN OPTICAL SYSTEM TO READ THE RAISED NUMBERS OF A CREDIT CARD INTO IN PHOTO ARRAY. HAS SMALL AC MOTOR TO DRIVE CARD THROUGH THE READER. ALSO LIGHT AND PLASTIC OPTICS, TWO ROCKWELL IC'S 10561 AND 15120. WITH DIAGRAM OF CONNECTOR WIRING. 5x5x4, #ECR2020, \$7.95

20-KEY KEYBOARD, 5/8" SQUARE BUSINESS KEYS WITH CHARACTERS: 0 THRU 9, CLR, RST, CRED, CASH, IMP SEND, RET, CODE, \$, AND ACCT. TWO BUSES: ONE FOR NUMBERS; THE OTHER FOR INSTRUCTIONS. SIZE: 4x4 1/2, WT: 2 LBS. #ECR4835, \$3.95

ECR COMPONENT PACKAGE DEAL THE ABOVE SEVEN ITEMS WITH AN ECR-PREFIX WERE ORIGINALLY COMPONENTS OF AN ELECTRONIC CARD READER SYSTEM. THEY MAY BE PURCHASED INDIVIDUALLY AS MARKED OR TOGETHER AS A PACKAGE FOR \$45.00

CONTROL ASSEMBLIES ON 9x4 HEATSINK. USED, EXCELLENT YIELD ON SEMICONDUCTORS. SHPG WT. 4 LBS EA. SIMILAR TO PICTURE ORDER BY NUMBER TRANSISTOR CONTROL ASSEMBLY WITH DIODES.

8/TO-3 60V (SIMILAR TO 2N3055) AND 8/TO-66 (SIMILAR TO 2N3054) 60V TRANSISTORS, 8/0.4 OHM 5W AND 8/30HM 3W RESISTORS, 8/DO-4 DIODES WITH INSULATED MOUNTING HARDWARE. #7729 \$5.75

TRANSISTOR CONTROL ASSEMBLY, CONTAINS 8/TO-3 AND 8/TO-66 AND EMITTER RESISTORS AS ABOVE. SMALL DIODES AND RESISTORS #0425 \$5.00

CONTROL CLUTCH ASSEMBLY AND HEATSINK 9X4 IN. 8/100V TO-3 AND 2/60V TO-66 TRANSISTORS. FIVE 0.4 OHM 10 W RESISTORS, MORE.#095-8139 \$4.00

MI2 DESIGN 2400 MATRIX PRINTER, 180 cps bidirectional; 0-132 or 0-158 columns, 96 character set plus elongated print feature. Units are sold "AS-IS, repairs required/no documentation." 175 lbs sh. Used, as-is, \$400.00; As-is, less printhead, \$300.00 PRINTER EXERCISER for the above printer; selectable baud rates from 50 to 9600. Uses 8080A, 8255A, 8251, 8224, 8228, & 4/2708's. In transit case; 8 lbs sh. \$100.00

COMPUTER TERMINAL

795 VIDEO DISPLAY, CONVERTIBLE INTO A GRAPHICS TERMINAL AS DESCRIBED IN IN SEPT. 176 ISSUE OF 73 MAGAZINE. CONSISTS OF 12" DIAGONAL MAGNETICALLY DEFLECTED CRT, INTERNAL DC-TO-DC CONVERTER, 10 KV SUPPLY, HORIZONTAL AND VERTICAL DEFLECTION AMPS, AND INTERNAL MUFFIN FAN. WITH CONTROLS FOR INTENSITY, HORIZ. AND VERT. GAIN/POSITION. REQUIRES 115 VAC 60 Hz. POWER CONNECTOR NOT AVAILABLE. SIZE: 15x17x21; SH WT: 100 LBS., 75 LBS. NET. USED, \$39.50



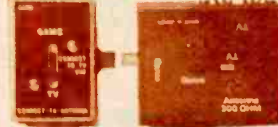
73-KEY KEYBOARD

CHERRY 73-KEY KEYBOARD #B65-59AB or equal. Standard typewriter keys, 0-9 key pad, Enter, Period, Comma. No electronics on keyboard. Keys can be unsoldered for replacement. Boards are little used in good condition. 15x6x1 1/2, 3 lbs sh. #COM-B65-59AB, complete as pictured, \$22.00 #SPA-B65-59AB, as above but no space bar \$12. #MIS-B65-59AB, " " " " and missing 4 to 6 key switches, \$9.00 #PAR-B65-59AB, missing at least 10 key switches; suitable for parts only, \$6 2/10



TV GAME SWITCHES

TV GAME SWITCH as used on many TV video games; 300 ohms, RCA jack, 4" twin lead. 2 1/2 x 1 1/2, 1 lb. #TW-TVGS, \$1.95 SHIELDED TV GAME SWITCH, "Game" RCA jack input is shielded from TV inputs; 300 ohms. 2 1/2 x 3 1/2 box also has two screw terminals. Other uses possible. #JA-TVGS. \$2.95



POWER SUPPLY BOARD f/printer: 41 IC's & sockets (mostly 74-series); 32 power transistors (mostly 10 amp TIP-140-142-145); 3/VTA200-3 200 V 25 A bridges; 5/LN3890 100 V 12 A diodes; and related. Also axial capacitors 11/6800 uf 16 V; 5/1500 uf 63 V; 4/220 uf 25 V; 1000 uf 25 V; plus 56/6.8 uf 35 V and 10/4.7 uf 35 V tantalums, 20x14; 5 lb. #803-195 \$22.

P8085 PROCESSOR PCB

#217D-244 CONTROLLER CPU, directed electro-mechanical functions of printer. Has P8085 MPU with 5.7143 Mhz crystal, 2/8255A programmable peripheral interface, 8253 programmable interval timer, 8212 8-bit I/O, 4/8205 one of 8 decoder, nine 3341 FIFO shift register, 4/2111-1 RAM, 7400, 3/74LS00, 74LS125, 74LS161. Sockets for 6/2708. +12, -12, +5, -5 VDC req. \$100.00 for 6/2708. -12 -5 VDC req. W/pin-outs, \$75.

#217-246 PROCESSOR CPU, has P8085 w/5.185 Mhz crystal, 8255A, 8212, 8253, 3/8205, 4/2114 RAM, 74LS00, 74LS02, 74LS32, 74LS93, and 74LS244. Also sockets for 4/2708 EPROM. Requires +5 VDC (plus +12 and -5 VDC for 2708's). Originally used with Datanetics keyboard; 10x7. W/pin-outs, \$60.

PRINTER LOGIC BOARD

PRINTER LOGIC PC BOARD with over 100 each 74-series IC's, sockets, and tantalum capacitors --plus C8008 CPU, 8/2102 RAM, 10/1702 PROM, six 3341 FIFO, A75-1013 UART etc. Part of matrix printer; w/pin-out. 20x14. #217E-224, \$35.

TAKE 25% OFF TOTAL PRICE WHEN YOU BUY ANY 4 CIRCUIT BOARDS BELOW

ON SALE!

CPU'S

RAM'S

CS808-1 CPU, \$9.95	8080A CPU, \$4.95
P8085 CPU, 12.95	8205 decoder, 2.00
8212 8-bit I/O 1.75	8228 control, 4.50
8251 programmer 5.95	8255 programmer 4.95
2111 RAM \$5. 4/\$10.	2114 RAM \$4.95 4/\$17.
4804A RAM \$5. 4/\$18.	MC14411 baud gen. \$9.
AY5-1013 UART, 4.00	741 FIFO \$4. 4/\$14.
FRI-502E02 FIFO 6.95	7400 8/\$1.00
RC4558 dual op-amp 50¢	MC1489 quad-line, \$1.

LM703 RF-IF amp 3/\$1. CL903L CdSe photo 2/\$1
FL100 line reflective transducer, 2.25

EDITOR KEYBOARD




WORD PROCESSOR KEYBOARD, has standard 58-key typewriter format, 13-key alpha pad, and 53-keys with editing designations such as READ, WRITE, SENTENCE, PARAGRAPH, LINE INSERT CHAR, LINE DELETE CHAR, SEARCH, LOCATE, MERGE, COMBINE, LIST, COPY TAKE, PROOF TAKE, etc. (Copy of layout available upon request with SAS). Keys gray, black, and blue; eight IC's including SN-11830 controller. Requires +5 VDC, -12 VDC. No further info available. 8x19, 17 lbs sh. Microswitch #125D12-1 NEW \$29.95

CMOS IC's, good pull-outs w/'79 date codes:
4069 3/\$1. 4024BE 3/\$1. 4060BE 2/\$1.
LM-340T-12 w/heat sink, \$1.50 MC3403P 3/\$1.

MPS6513 equivalent (Motorola w/0159 house #)
NPN RF transistor; 30 V, to 330 MHz. 6/\$1.
MFS14 NPN darl 5/\$1. 2N3055 NPN 10 A, 75¢
2N2222A NPN 6/\$2. 2N4126 PNP 10-no 6/\$1
2N646 unijunct 7¢ TIP120 NPN darl. 75¢
TIP140 NPN darl. 95¢ TIP142 NPN darl. \$1.00
TIP145 PNP darl. \$1.00 7808 5 V reg., 3/\$1.

CORTRON KEYBOARD



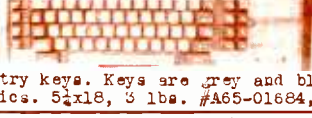
with ferrite core key switches. Has standard 54-key typewriter format, 12-key numeric pad, and 17 entry keys (4 unmarked). Butterscotch-brown and beige keys; looks like serial input. With IC's 2/7403, 7405, 74155, 4/74145, 743287, 3/741300, L302, 2/L304, 2/L510, L308, L311, L314, L320, 4/L374, 2/L393, CA3086, MC833P, and 80-551276 controller. Requires +5 and -12 VDC; no further info. 6x18 1/2, 4 lbs. #55-500168 NEW, \$21.95

1 AMP 50 PIV 20/\$1.	35 AMP 50 PIV \$1.80
400 PIV 15/\$1.	100 " 2.10
1000 PIV 10/\$1.	600 " 3.50
5 AMP 800 PIV, \$1.75	1N3890 100V 12A 4/\$3.9

MR-series, 6 AMP ZENERS, 1 W: 3.3 3.9 4.1 10.2 V 4/\$1.
MR751 100 " 95¢ 11.6 12.0 V 3/\$1.
MR752 200 " \$1.10 1N2974B, 10 W 10 V 5¢ stud mt. \$1.25
MR754 400 " 1.25

1N3370A ZENER, 10 W 18 V 5¢ rev-polarity \$1.
VACUUM TUBE 200 V 25 amp bridge rectifier, c.t. cathode, stud mount, \$1.00 ea. 4/\$3.
#50-100A RECTIFIER, 50 V 100 A conservative; no hardware or pigtails. House #; 2x1". \$3.
3E7A7CEK113, 200 PIV 100 A, no hardware \$3.50

KEYTRONICS KEYBOARD




with standard 54-key typewriter format and 12-entry keys. Keys are grey and blue; no electronics. 5x18 1/2, 3 lbs. #A65-0168A, NEW, \$18.95

INDUCTOR BOARD, has 3/200 uH and 3/1200 uH inductors 1/2"H x 1-3/8" dia; also 3/4000 mf 20V 3/3000 mf 25 V axial capacitor 2N5039, 2N2219, 1N339, 1741. 3 lbs sh wt. #54-014535, \$2.95

LED'S

RED, T-1 1/2 size 8/\$1. GREEN 6/\$1.
DARK RED, HP5082-4697, 6/\$1.00
7-SEGMENT NUMERIC DISPLAY, common anode, left hand decimal HP5082-7730 \$1.
SLA-2 DISPLAY; .33", - or -1 and 1, 2/\$1.00

ARCADE 'JOY STICK'



"JOY STICK" CONTROL PANEL, originally p/o arcade video space game. Has two "joy sticks" -- one moves left-right-up-down, the other left-right only. Each position actuates SPDT V3-style Microswitch. mounted on 4x13 1/2 x 2 steel panel. 6 lbs sh wt. #J5-4P-2P, used, \$7.95 each.

IC SOCKETS


8-pin low-profile 5/\$1.
14-pin wire wrap 6/\$2.
14-pin standard 5/\$1.

16-pin std. 4/\$1.	16-pin l.p. 5/\$1.
18-pin l.p. 4/\$1.	20-pin l.p. 35¢ 3/\$1.
22-pin l.p. 3/\$1.	24-pin l.p. 40¢ 3/\$1.
24-pin std. 50¢	28-pin l.p. 45¢ 5/\$2.
28-pin std. 60¢	40-pin std. \$1.00

DIODE w/BUILT-IN HEATSINK, approx 10C V 50 amp; 2¢ x2" dia plus pig-tail. Removed f/equipment. #KS19404, \$2.50

GENERAL INSTRUMENT FULL-WAVE RECTIFIER BRIDGES, new: #KEFC25-02, 25 amp 200 V, \$2.25
#KEFC6005, 6 amp 50 V, \$1.25

JUMPERS



PCB jumpers, unused.
#50-14P2; two 14-pin, 18" long, \$2.80 1.75
43-16P1; one 16-pin, 12" " 1.50 3/\$3.
44-16P2; two 16-pin, 48" " 3.00 2.10
43-24P1; one 24-pin, 12" " 2.80 1.50
60-24P2; two 24-pin, 2 1/2" " 2.50 1.75
57-28P2; two 28-pin, 4" " 3.80 2.75
44-40P2; two 40-pin, 23" " 4.25 3.25
9-14P1; one 14-pin, 23" loose leads, \$1.75

Trimmer

WESTON 804P, 3-pin broad-side; 3/8" sq
TRIMMER ASSORTMENT, mixed types & values; 10/\$2.00 * plastic. 50K 4/\$1.

CERMET and other manufacturers; all 1/2" sq.
TYPES 170-171 2/\$1. 172 3/\$1.
Type 170; metal, 3-pins on broad side: 1K 25K 50K 100K 250K 500K
Type 171; metal top adj. 3-pin thin side: 300 500K 1M
Type 171S; side adj: 200 100K 250K 500K 1M
Type 172; wire leads: 100 200 1K 2K 5K 10K 25K 50K 100K 250K 500K 1M

PC BOARD JUMPERS with IC plug and DP25P, 16": 16-pin, #16/DP25P \$4. 24-pin, #24/DP25P, \$5.

MEMORY PCB

Commercially designed PC boards w/position info; less components.
#217D-101 EPROM BOARD for eight 1702A EPROM, 4/7404, 2/3404; w/edge connector, \$4.00 \$2.
#217D-136 8K RAM BOARD for sixteen 2102 RAM, 7/7404, 7420; with edge connector, \$5.00 \$3.

COPPERCLAD PCB

Single-sided copperclad etching board for making printed circuits. Phenolic (PH) or fiberglass (FIB) backed as noted. Some drilled (d).

PH#	Size	Price	Size	Price	Size	Price
	4x18	\$1.75	17x20(d)	\$3.	15x22	\$3.50
	16x18	\$2.75				

VERY THIN COPPERCLAD, less than half thickness of above; easily flexed to make cylinders, RF shield, or laminates; fiberglass core. Single-sided (SS) or double-sided (DS).

Size	Th	Price	Size	Th	Price
#VTC-33	14x18 .019"	\$1.75	18x24 .015"	\$2.25	
#VTC-DS	11x14 .031"	2.00	22x28 .006"	2.50	

BUY 5 or more one type, take 20% off price.

MICROPROCESSOR CIRCUIT BOARD



has C4004 P-channel microprocessor, 4/P4001 256x8-bit PROM, 2/P4002 1 320-bit RAM and 4-bit output port, 3/4003 10-bit serial in/parallel-serial out shift register, plus 53 transistors. #IC-07, \$5.50

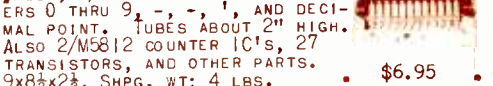
POWER SUPPLY REGULATOR BOARD, 2/3401 quad op-amps, 5/741 op-amps, 3/2N5958, 8/2N2222, 4/2N2906, 2N3054, etc. 2 lbs. #P3R32-A1, \$2.50

RECTIFIER SCR BOARD with 3/GE122F 50 V 8 amp SCR; 13/1N5402 200 V 3 A; 6/0.39 ohm 5 W and 5 ohm 25 W resistors, etc. #P3R32-A2, \$2.25

12-DIGIT FLUORESCENT DISPLAY using DG-10A 1-5/16"H tubes with 5/16"H display; 21 transistors, two IC's, capacitors, resistors, etc. 22-contacts on 5x3-3/8 board. #QP-3304 \$3.95
FAIRCHILD IC'S: 4/9002, 2/9015, 2/9016, 74180 3/9024, 2/9602, 9/2N2222 plus resistors, diodes, etc. 2 lbs. sh. #C200504G1, \$1.95

TALLY OSCILLATOR, ferrite coils 81.9-72.5-44.7-42.9-35.6-34.9-30.2 mHz, 39/50 V capacitors .001 to .47 mf, 9/2N3565, 2N3643, \$2.95

TWELVE DIGIT FLUORESCENT DISPLAY



#POS2, 3/8" DIGITS WITH CHARACTER 0 THRU 9, -, ., ' AND DECIMAL POINT. TUBES ABOUT 2" HIGH. ALSO 2/M5812 COUNTER IC'S, 27 TRANSISTORS, AND OTHER PARTS. 9x8 1/2 x 2 1/2, SHPG. WT: 4 LBS. \$6.95

DIODE MATRIX 34 X 20 CONTAINS 90 DIODES 1N4004 OR EQUAL. 6x11 #005330 \$3.95

DIODE MATRIX 25 X 7, 23 TRANSISTORS, DIODES WITH 22 PIN SOCKET. 7x4 1/2, #2010200

CORE MEMORY ARRAY 2 SECTIONS EACH 52 X 52 BOARD SIZE 13x13x1 1/2 #2162301 5 LB \$3.95

SMALL CORE MEMORY ARRAY, 2 SECTIONS APPROX 65x15 EACH. 4 REED RELAYS 2/3PST, 2/5PST 7x4 1/2 #2006000 \$2.95

ENDORSOR DRIVER 4/DW8851 DUAL RETRIGGERABLE MVBR, 7474, 9109 HIGH VOLTAGE HEX INVERTER, 2/740C, 7420, 7406, 18 BYPASS CAPACITORS. TO-3 TRANSISTOR ETC 1 LB #484-0001801 \$1.50

CARD READER CONTAINS A TEN SECTION SPST DUAL IN LINE SWITCH, A 8 POSITION MINATURE RC ROTARY SWITCH; 5/7400, 4/7404, 7/7408, 5/7410 4/7420, 7437, 74109, 3/74157, 74180, 9602 2/N82562, 2/SN29301, NCR 94, 8 IC'S NO CROSS REFERENCE. SH WT 2LBS #315-0529449 \$3.50



CMOS #84293; 3/4001, 2/4002, 5/4003, 2/4010 4/4011, 2/4012, 7/4013, 4021, 2/4022, 7/4023 2/4025, 2513 A 64x8x5 CHARACTER GENERATOR 7417. 9x7 1/2, SH WT 2LBS #84293 \$7.50

CMOS-K1; 6/4008, 4/4009, 4/4011, 2/4012 7/4013, 9/4016, 5/4022, 2/4023, 4024, 5/4040 9x7 1/2, SH. WT. 2 LBS #CMOS84292 \$6.95

CMOS #14007; 4/4001, 2/4011, 2/4013, 4042, 4558 DUAL OP-AMP, 23 TRANSISTORS, MANY RESISTORS. CAPACITORS. 1 LB #14007 \$2.95

IC BOARD #595254; 3/9322 QUAD 2 INPUT MULTIPLEXER, 7402, 7404, 7406, 7410, 3/7438, 741, 7442. 1 LB #595254 \$1.95

REED RELAY



REED RELAY BOARDS LISTED BELOW CONTAIN 12VDC REED RELAYS AND ASSOCIATED COMPONENTS. ORDER BY BOARD NUMBER. SH WT. 3 LBS.

#5336 1/DPST, 4/5PST, 2/4PST, mercury wetted relay SPDT, 26 diodes. \$3.95

#5346 12/SPST, DPST, 2/DPST mercury wetted. 5 transistors, 51 diodes, capacitors 3/25 mf 50 V and 1/47 mf 35 V. \$5.95

#5361 3/DPST, 4/SPST, mercury wetted SPDT, 6 transistors, 24 diodes, and misc capacitors and resistors. \$3.95

#E15D339 Eight Clare HGM 7004 mercury wetted relays on board, \$3.95

REGULATOR AND PREREGULATOR CARDS, w/current limit and OVP. Not complete regulator. Has transistors, diodes, zeners, resistors, capacitors. Needs about -50 VDC f/preregulator. #RB4561-4, for 4 to 5 V. regulator, \$2.50
#RB6428-32, for 32 to 36 V. regulator, \$2.00

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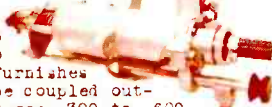
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1820-2520 MHZ ASSEMBLY

LOCAL OSCILLATOR ASSEMBLY, 1820-2520 Mhz using 6EM6 klystron in tunable reflex cavity and furnishes three separate probe coupled outputs. Requires voltages -300 to -600 VDC (reflector), -300 to -475 VDC (control grid bias), -300 VDC (beam), and 6.3 VAC filament. The reflector voltage and the cavity tuning are the primary frequency determining components. Includes cables with 3-BNC connectors, schematic and theory info. 12x4x4, 5 lbs. #OSC/R418 w/6EM6 \$95.00; less 6EM6 \$30



1700-2400 Mhz FRE-SELECTOR, consists of two separate cavities which at 1715 Mhz have an insertion loss of 3 db and a 21 Mhz bandwidth. Also has 1N21B crystal mixer which produces 120 Mhz output when 1820-2520 Mhz injection frequency is used. Originally part of R418/TRC-29 receiver; has type C connection for RF input and BNC connections for output and injection. W/info; 9x3x3, 4 lbs. #FRE/TRC29, \$24.95



6 VDC 12 AMP

GLOBE 6 VDC 12 AMP HOUR RECHARGEABLE GEL-CELL, in sealed red plastic case; slip terminals. 5x4x2 1/2, 6 lbs sh. #GC6120, NEW, \$16.95 ea or 2 for \$31.



SWIVEL CASTERS

SWIVEL PLATE CASTERS, removed from computer equipment; 3 1/2" dia X 7/8" wide rubber wheel with 3/8x2 1/2 swivel mounting plate. 2 lbs. #SW-CAST \$2.50; 4/\$7



5-BAND 13-402 PF

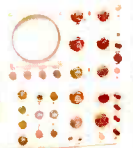
per section **VARIABLE CAPACITOR** w/removable gearhead for spline tuning or 1/2" dia shaft. 10x4x2 1/2, 3 lbs sh. #C111/ARJ-5, \$5.95 ea; 2 for \$10.



TEKTRONIX SCOPES

TEKTRONIX 545A OSCILLOSCOPE w/Type CA DUAL-TRACE plug-in; DC to 30 Mhz mainframe (24 Mhz w/CA), sweep delay, two time bases, and 4x10 cm display. Sweep: 0.1 usec to 5 sec/cm in 24 calibrated steps, variable 12 sec/cm (Time Base A); 2 usec to 1 sec/cm in 18 calibrated steps (B). Delay 2 usec to 1 sec in 18 calibrated steps. Amplitude calibrator 0.2 mv to 100 V p-p in 18-steps. 5X magnifier; usable with all "letter"-series TEK plug-ins. Requires 115/230 VAC. 17x13x24, 75 lbs. Used, repairable, \$295.00; Checked, \$375.00

TEKTRONIX 585A SCOPE, similar to 545A except DC to 85 Mhz response and includes Type 82 dual-trace plug-in. Used, repairable, \$425.00. Checked 585A mainframe w/reparable 82, \$495.



8 OHM 400 WATTS

POWER LOAD RESISTOR PAIR, each 8 ohms 400 watts 8 1/2" lg X 1 1/2" dia; usable for audio when non-inductive loads are not required. Includes mounting bracket; 3 lbs. #RES-8-400FR, NEW \$12.



DALE 8 OHM 100 W 5% RESISTOR, 6x1 1/2, \$2.00 ea
2 OHM 200 WATT SLIDER ADJUST, 10x1 1/2, \$1.95

COMPUTER SUPPLY

COMPUTER POWER SUPPLY with popular outputs 28 VDC 9.6 amps and regulated 5 VDC 5 A, 12 VDC 5 A, -12 V 2 A, -6.8 V 0.8 A. Operates from 100-125 VAC 60 Hz. Supply has many useful components such as transformer rated 39.8 VCT 8.5 A and 22.7 V 12 A, front panel w/(4) 10x2-7/8x1 1/2 heatsinks and six 2N3055 transistors, (2) KE25005 bridge rectifiers, capacitors (3) 51000 mf and one 19000 mf 40 VDC, regulator PC card, other parts. Made in Canada for NCR. 10x14x12, 65 lbs sh. #M32-C1-775, unused, \$29.95; 2/\$50.

HEATSINK/2N3055 PANEL f/above, #HS-M32, \$12.



CLASS C POWER AMP

CLASS C POWER AMPLIFIER removed from T-195/GRC 100 watt transmitter; uses 4X150D tube to cover 1.5 to 20 Mhz in ten bands using variable and fixed capacitors, switches, and 400 Hz servo motor. Chassis also has discriminator and servo amplifier. Requires -1000 VDC modulated, -250 VDC, -45 VDC, and 115 VAC 400 Hz for motor. Includes tubes 4X150D, 5751, 6AQ5, 5763 and schematic info. 9x8x6, 15 lbs sh. #FA/T195 used \$65. --See page 25 for other T-195 assemblies.--



SCR HEATSINK ASSY

SILICON RECTIFIER BRIDGE, single phase half-wave; 3E #C14114CX5 or equivalent. Rating approx 500 V 35 amps. 7x6x5, 4 lbs sh. #KS-1957611, used, \$8.95



VARACTOR

TV TUNER for channels 2 thru 83; output into 75 ohm termination, 20 mv-rms min. Tuning voltage 0.4 to 30 VDC; 300 or 75 ohm antenna input. Sylvania mfg; with pinout info. 3x1x5, 1 lb. #1052BDSB, unused, \$14.95



PHANTOM ANTENNA

GP PHANTOM ANTENNA as used with WW-II 350-9050 KHz aircraft transmitters to monitor RF at remote point. Has 3 1/2" rd 0-10 RF ammeter, 10 KV 0.0002 and 0.0003 mf C2 mica mixing capacitors, 12-nickel-plated terminal posts in 14x12x9 1/2 aluminum case w/hinged top; 22 lbs. Unused, \$25.00



KHZ RECEIVER

100-1000 KHZ RECEIVER, IF selectivity: 100 Hz to 3 KHz in five steps. Has 4-place mechanical digital tuning; can be tuned manually or by motor drive. Also controls AGC-MGC-SQUELCH, ACC slow-med-fast, AUDIO sharp-med-wide, BFO pitch, and 500 ohm audio output impedance; 39 tubes. R-389's are being sold "less Line Level and Carrier Level meters" which the government removed. While these meters are an asset to the receiver, they are not essential to the overall operation of the R-389. Requires 115/230 VAC 50-60 Hz; 10x19x17 1/2, 90 lbs sh. Used-repairable, less meters, \$250.00; power input connector, \$3.00; MANUAL, partial repro, \$17.00



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R-1250 VHF RECEIVER

R-1250/2R VHF RECEIVER, transistorized single channel crystal-controlled in the 118 to 148 Mhz AM range. Two stages RF and mixer shielded; 17 Mhz crystal IF filter. Uses CR-98-style crystal (not included). Controls for on-off/audio gain, RF gain, squelch, 600 ohm phone jack. Requires 115/230 VAC 50-60 Hz; Wilcox mfg. 11x19x8, 9 lbs sh. Used, repairable-clean, \$45



LINEAR AMPLIFIER



AM-6155/GRT-22 LINEAR POWER AMPLIFIER (ITT Model 3212), designed for 50 watt output from 10 W exciter input over 225-400 Mhz.

Uses Kima X6512 tetrode in silver-plated cavity housed in removable drawer; 175-turn counter dial for tuning. Cavity has added feature VHF/UHF switch facilitating conversion AM-6155 to 116-150 Mhz VHF range with some circuit changes. Main chassis contains solid-state power supply and buffer amp/multiplier; test meter on panel monitors voltages. Requires 105/120/210/240 VAC 50-400 Hz and +20 V reg 60 ma, +20 V keyed. 7x19x18, 80 lbs sh in 2 packages. Schematic packet included. Used-excellent, net tested, \$149.50

REMOTE SIGNALLER

REMOTE SIGNALLER RECEIVER & TRANSMITTER, intended use was for the transmitter to be actuated by a telephone bell. The transmitter would then signal the receiver via the power line and activate the receiver's outlet to which a lamp or other appliance could be connected. Maximum outlet load 200 watts. Transmitter has telephone pick-up coil, op-amp, and tone oscillator. Receiver has 567 tone decoder circuit and triac control circuit for the outlet. Each has On-Off switch, 5' cord, and measures 3x4x1; 3 lbs sh. Schematic included, may need minor repair. #RMS-R/T, \$8.95



DUAL TRACE 15 MHZ SCOPE



TEKTRONIX 516 OSCILLOSCOPE featuring DC to 15 Mhz response, dual-trace, and 5" CRT. Vertical sensitivity: 0.05 to 20 v/div in nine calibrated steps, to 50 v/div using vernier; 23 nsec rise-time. Sweep range 0.2 usec/div to 2 sec/div in 22 calibrated steps, to 6 sec/div with vernier; 15 trace magnifier. Dual trace modes Channels A or B only, chopped, or alternate. Squarwave calibrator in 11 steps from 0.05 to 100 V. Automatic triggering; external trigger requires 0.5-25 V signal. 115 VAC 60 Hz; 13x9x21, 50 lbs sh. W/book. Used-reparable, \$185. Checked, \$235.

FACSIMILE TRANSCIVER



STEWART-WARNER MODEL 180 DATAFAX TRANSCIVER, facsimile machine designed to send and receive printed matter and images over telephone lines or private wire. Produces up to six shades of gray. Drum scanner speed: 180 RPM; 6 minute transmission time for 8x11 message. Receives 1500-2500 Hz signal; 2150 Hz required to activate demodulator. Select manual or automatic operation modes. Uses 200' rolls of facsimile paper (not available). Units tested for basic send-receive; some adjustments may be necessary. Schematic & info packet included. Requires 100-127 VAC 60 Hz. 16x12x21, 70 lbs sh. Used, \$175.00

UJC-68 DISTRESS RADIO



AN/UJC-68 DISTRESS TRANSCIVER, handheld unit designed as an emergency radio for aircraft pilots; operates over 38-42 Mhz FM and 230-250 Mhz using 4 preset channels, voice, MCW, and beacon. All have 40.5 Mhz FM and 243 Mhz UHF channels; other three frequencies depend on selected crystals (not available), 50 Khz spacing. Power output 500 MW (FM), 200 MW (UHF); range 19 miles line of site or 3-5 miles over varied terrain. Includes squelch, built-in microphone, speaker, and antenna. Requires 11-16 VDC originally supplied by BA-1112 battery (not available). 6x3x1, 3 lbs sh. Used-reparable with receiver and transmitter output, \$99.50 AS-IS, no output but good modules, \$69.50 MANUAL, partial reproduction, \$10.00

DATA CASSETTE

DATA CASSETTE RECORDER, adaptable for use with most microcomputers having RS-232 input. Functions: Eject, Record, Rewind, Ready, Forward, Stop, Read-from-Tape, and Write-on-Tape. Tape speed 1-7/8 ips, 4-track 2-channel.



Similar to Monroe Model 392. Requires -12 -3 +5 V. Includes 3' cable w/DB-25F plug & book. 8x5x3, 4 lbs sh. #DC-REC, unused, \$29.95

500 WATT REGULATOR



CN-514/GRC AUTOMATIC VOLTAGE REGULATOR, regulates inputs of 95 to 135 VAC 47.5 to 63.5 Hz to output of 115 VAC $\pm 1\%$ over a

current range of 0 to 43 amps. Uses motor driven variable autotransformer with drive circuit and buck-boost transformer for regulation. Has standard duplex outlet unregulated output, duplex outlet regulated, and seven Amphenol-type connector outlets. Also 2 1/2" rd 0-150 VAC meter and circuit breaker. operates in manual or automatic modes. 8x17x15; sh wt two pkgs 70/20 lbs. Used, \$125.00

12 V 5 A BATTERY

GATES LEAD-ACID BATTERY PACK six 2 VDC 5 amp cells connected to produce 12 VDC 5 A. These are rechargeable. Each cell 3x1 1/2" dia; 7 lbs. #0800-0041 \$16.



HICKOK MULTIMETER



HICKOK 1604M SOLID-STATE MULTI-METER, achieves high gain by using chopper to allow use of AC-coupled amplifiers. AC response to 700 Mhz and AC volt ranges 0-0.5-1.5-5-15-50-150-300 VAC. Eleven DC volts full scale ranges from 0-0.5 V to 1500 V in 15-50-150 sequence. Fourteen DC current ranges 0 to 1.5 nanoamp to 150 ma in 1.5-50-15 sequence. Resistance ranges from 0-500 ohms to 500 megohms in seven steps. AC probe uses EA53 tube. Includes AC and DC probes, two test leads, and partial repro of manual. Requires 115/230 VAC 50-400 Hz. 7 1/2x5 1/2x9 1/2, 13 lbs sh. Used-reparable, \$95. Checked, \$140. T-CONNECTOR for 1604M, \$20 w/purchase of set.

TRANSISTOR TESTER

HICKOK MODEL 1890M TRANSISTOR TESTER, checks transistors in and out of circuit. Collector leakage current (I_{cbo}) ranges: 0-50-500 ua and 50 ma. Collector current (I_c) 0-1-10-100 ma. Current gain Beta: 0-50-100-200-400. AC test signal 1000 Hz. Transistor input resistance range 50-10000 ohms; circuit input impedance 25-100000 ohms. Collector voltages 0-1.5-3-4.5 VDC. Has transistors 4/2N651A, 2N650A. Requires batteries (not supplied) Eveready 763 (22.5 V) and two Burgess 2370-ST (4.5-3-1.5 V). With partial repro of manual. 10x10x9 1/2, 18 lbs. Used-reparable, \$54.50



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WS-83 CATALOG SUPPLEMENT

0.5-32 MHZ RECEIVER

R-392/URR RECEIVER, 0.5-32 Mhz AM-CW in 32 one Mhz bands using digital mechanical tuning. Triple conversion on lower 8 bands, double on others. Selective bandwidth 2-4-8 Khz; 100 Khz crystal calibrator points. With 25 tubes of 26A7, 26A6, 26C6, 26D6, 6AJ5, 12AU7. Requires 24-28 VDC 5 amps. Rugged vehicular version of the famous R-390 receiver. 11 1/2x14 1/2x11; 65 lbs sh, 52 lbs net. Used-reparable, \$135.00 Checked, \$200. Power connector, \$6 with set purchase MANUAL for R-392, partial repro \$15. SCHEMATIC only \$3. IS-166/U SPEAKER with cable & connector f/R392, \$10.95 24 VDC 6 AMP SUPPLY, 115 VAC in; no connector, \$25.00



PRICES ARE F.O.B. LIMA
ITEMS OVER 70 LBS. SHIPPED
MOTOR FREIGHT COLLECT
INCLUDE PAYMENT IN FULL.
USE YOUR MASTERCARD OR VISA.
STORE HOURS: Monday thru Friday 9 to 5:30
Saturday 9 to 1:00

WIRE SALE



RIBBON CABLE for computer wiring or similar jobs; 20-conductor #22 stranded wire with ten color codes

#RIB-20C:	10'	100'	500'	1000'
Price per foot:	\$1.00	.75	.65	.50

COMPUTER CONTROL CABLE in black PVC jacket, 20-conductor #24 wire in color coded vinyl. LV - low voltage type. Priced per foot:

#CCAB-20	10'	100'	500'	1000'	2000'
	\$.45	.32	.28	.26	.22
#CCAB-20LV	.40	.30	.26	.24	.19

VINYL-COVERED HOOK-UP WIRE, various colors; all stranded copper. On orders above 2000' we may not be able to ship continuous length.

#12 wire	\$7.50/100 ft	\$50/1000'	
#14	\$6.50/100'	\$42/1000'	\$185/5000'
#16	\$4/100'	\$20/1000'	\$85/5000'
#18	\$3/100'	\$14/1000'	\$50/5000'
#20	\$3/100'	\$12/1000'	\$45/5000'
#22	\$3/100'	\$10/1000'	\$40/5000'

0 GAUGE CABLE 2-CONDUCTOR "0" GAUGE POWER CABLE in PVC jacket. Use for making welder cables, jumper cables, or wind generator hook-up. Each cable 2-conductor at length indicated.

#8369-25 25'	\$25.	#8369-50 50'	\$42.
#8369-100 100'	\$69.50	(Weight 1 lb/feet.)	

MULTI PUSH SWITCHES SWITCHCRAFT® LW MULTI-SWITCHES, each push button section DPDT silver-plated brass contacts; 3 amps AC, 0.5 A DC 125 V non-inductive. Can use T-1 1/2 size lamp for optional illumination. 2 lbs sh

#67097-506, 9-button each Push On/Push Off; 1 1/2" behind panel depth, 1 1/2"x1 1/2" W. NEW \$7.75
#67091K-506, 9-button interlocked Push On/Push Off; can be made momentary. NEW \$6.50
#67137-506, 13-button each Push On/Push Off; 1" x 2 1/2" wide. NEW \$9.75
#67131K-506, 13-button interlocked; \$7.95

DIGITAL PANEL METER WESTON 1260-S DIGITAL PANEL METER, 2 1/2 digit 0.01 to 1.99 VDC range; 0.5" high Nixies. 0.5% accuracy; 1 sec full scale response, 25% overrange. No logic levels or BCD output. Requires 50-400 Hz. 1 1/2"x4 1/2", 2 lbs. Unused \$27.

TCS SPEAKER-CONTROL UNIT, has 5" dia permanent magnet 6 ohm speaker, 500 to 6 ohm audio transformer, volume control, headphone and mic jacks, and three toggle switches. 5 1/2"x7 1/2"x3 1/2", 8 lbs. #TCS-23270, \$12.95

Mating connector for above, \$3.00 each.

2 TO 12 MHZ RECEIVER SECTION from GRC-9 backpack transceiver, 2-12 Mhz in 3 bands AM-CW; 456 KHz IF, 200 KHz calibration points. Controls AF-, RF-gain, headset jacks. Tubes 2/1L4, 3/1R5, 1R5, 3Q4; less grid bias battery. Requires 1.4 V 450 ma, 105 V 20 ma. 5x10x2 1/2, 10 lbs. #REC/GRC-9, \$24.95

24 VDC TRANSISTOR SUPPLY w/info f/above \$12.

BOX CAMERA THE MAJOR BOX CAMERA by National Instrument, uses 620 film for 2 1/2" square pictures; metal construction. We discovered several cartons of these in our warehouse. Each is in its original gift box with instructions. 4x2 1/2"x3 1/2", 2 lbs sh wt. Unused, \$3.95

TRANSFORMERS

COMMERCIAL GRADE TRANSFORMERS suitable for constructing DC regulated power supplies or ether. All 115 VAC 60 Hz primaries; end bell style with wire leads. NEW:

#701-145, 36 VCT 4 amps, 5 V 1 amp; 3 1/2"x3 1/2"x3, 5 lbs sh wt.	\$6.95
#TS-465, 44 VCT 3.5 amp, 30 VCT 1.2 A, 9 V 1 A; 4x3 1/2"x3 1/2", 7 lbs.	\$5.75
#701-221, 46 VCT 3.5 amps, 7.5 V 2 A; 4x3 1/2"x3 1/2", 6 lbs sh.	\$5.95
#TA-600, 48 VCT 3.75 amps, 48 VCT 1 A; 4 1/2"x3 1/2"x3 1/2", 8 lbs sh.	\$5.85
#701-129, 50 VCT 2 amps, 6 V 2 A; 3 1/2"x3 1/2"x3, 5 lbs sh.	\$4.95
#701-206, 115/230 VAC primary; secondary two 55 VCT 3 A; 4 1/2"x4 1/2"x3 1/2", 10 lb	
#701-203, 55 VCT 4.5 amps, 7 V 2 A; 4x4x3 1/2, 10 lbs sh.	\$7.95
#701-205, 12/55 VCT 4 A; 4 1/2"x4 1/2"x4 1/2", 10 lb.	\$9.95
#701-206, 115/230 VAC primary, secondary two 55 VCT 3 A; 4 1/2"x4 1/2"x3 1/2", 10 lb.	\$9.50

#TRA-1577, pri 115/230 VAC; secondary 15 VCT 3 A, 5 V 1 A. Open frame; 2 1/2"x3x2 1/2 4 lb \$3.95

#TFLA03YY/SG15, pri 115/230 VAC 50-70 Hz; see 750 VCT 110 ma, 6.3 V 3.6 A, 6.3 V 0.9 A 5 V 2 A. Sealed-type; 4 1/2"x4 1/2"x4 1/2 9 lbs. \$7.50

5030 VCT 500 MA 5030 VCT 500 MA PLATE TRANSFORMER, p/e BC-610E; 115 VAC 60 Hz primary. 9 1/2"x7 1/2" bottom mounting plate; o/a 12x11x10, 115 lbs. #229612-1 used \$67.50

All 115 VAC 60 Hz pri; removed from mil-equip

#115-2054, see 115 V 200 ma, 6.3 V 6.25 A; 2 1/2"x3 1/2"x3, 5 lbs.,	\$4.95
#435-2054, see 435 V 370 ma; 2 1/2"x3 1/2"x3 1/2, \$7.95	
#1000-2054, see 869/930/1000 V 300 ma; 3 1/2"x4 1/2"x4 1/2, 14 lbs.,	\$11.95

IGNITION XFORMER VERY HIGH VOLTAGE TRANSFORMER Pri: 115 VAC 60 Hz Sec: 7300 V 5 ma. Mounting flange 6 1/2" across. Xformer 4x5 1/2"x4 1/2, 10 lbs sh. #AL-44324 used \$9.95

COPPERCLAD SINGLE-SIDE COPPERCLAD etching board for making printed circuits. 1/16" thick blue fiberglass backing; 12"x18", 1 lb. #FIB-12x18 \$2.75; 5/11

OSCILLATOR ITT TRANSISTORIZED CRYSTAL OSCILLATOR & BUFFER, originally used in ITT 3201/3202 transmitters (AN/GRT-21-22)--companions to Model 3211/3212 (AM-6154/6155) power amps. 56-99 Mhz crystal oscillator output was fed into a doubler (VHF) or quadrupler (UHF). Has external osc-input, tuning meter, and even output. Requires 5th overtone HC-6 (20 pf) xtal, 12-18 VDC reg for osc, and 22-39 VDC 1 A for heater. W/BNC and two sub-mini 27 (UG-1465) connectors, power input DEC 9P connector, schematic. 6 1/2"x2x3 1/2, #OSC-99828, \$10.

R-390A/URR RECEIVERS, 0.5 to 32 Mhz AM-CW in 32 one Mhz bands read on mechanical digital counter; 455 KHz IF, mechanical filters. Used-repairable, \$350.00; Checked, \$450.00

R-1420/URR RECEIVER, same as AKL 905A; 30 to 300 Mhz AM-FM in two bands, 20 KHz or 300 KHz IF bandwidth, 22 lbs. WRITE for price/avail.

LAMBDA DC POWER SUPPLY rackmount with two meters each; also aux 6.3 VAC 10 A output. Used

#C-81M, 125-525 VDC 400 ma; 70 lbs sh.	\$60.
#C880M, 0-200 VDC 800 ma; 81 lbs sh.	\$80.00

RADIOTRON UX-200

RCA RADIOTRON UX-200 TUBES in original RCA boxes. These early-1920's detectors were usually in circuit with four 201/301 tubes and are now harder to find than 201/301's

RCA UX-200 boxed, \$9.95 ea

Other OLD RADIO TUBES, "G"-style glass; original or white re-boxed, unused:

#19, #24A, or #81,	\$4.00 each.
#26,	\$5. ea.
#27 or #80,	\$4.50 each.
#71A,	\$5.50 each.

More UNUSUAL GLASS VACUUM TUBES which failed test standards but may be of interest to the collector or experimenter. Descriptions in left-right order.

#250TH-R, 250TH EMITTING TRIODE stands 10" high, 3 1/2" dia at widest point; takes 4-pin bayonet base. 3 lbs sh wt.	\$8.00
#304TL-R, 304TL EMITTING TRIODE, 7"Hx3 1/2" dia, jumbo 4-pin base; 3 lbs sh.	\$6.50
#371/VT-166 HALF-WAVE RECTIFIER, 8"Hx2 1/2" dia 4-pin bayonet base, 2 lbs sh.	\$4.00
#860-R, 860/VT-17 EMITTING TETRODE, 8"Hx5 1/2" across at widest; 4-pin base, 2 lbs.	\$9.00

RACK CABINETS CABINET CONSOLE SECTION with rear door for standard 19" rack panels. 24 1/2"H vertical panel space plus 17 1/2"H slanted space. O/a 50"Hx21"Wx23"D (16"D at top). Steel construction; no side panels. 100 lbs sh. #19-50-CONS, used, \$35.00

#3X19-50-CONS TRIPLE CABINET, three of the above sections and one side panel set, \$100.

#19-42-R EQUIPMENT RACK for 19"W panel; 42"H panel space. Rear door and wheels; top has vent hole cut. O/a 51x22x22, 185 lbs. \$48.

#19NS-65-DP DATA PROCESSING RACK for 19" W panels; 65"H panel space. Not drilled for standard rack mount; no rear door. O/a 69x23 1/2x30; steel, 175 lbs sh. Used, \$45.00

CY-2126/TRC EQUIPMENT CABINET with 115 VAC 60 Hz 5" cooling fan mounted on rear; black crackle finish. Panel space 19 1/2"Hx19"Wx14 1/2"D; o/a 21 1/2"x22 1/2"x14 1/2, 30 lbs sh. Unused \$14.95

PAGING HORN OUTDOOR PAGING HORN with sealed voice coil and 5" dia aluminum horn. Rated 15 watts 8 ohms. Includes mounting bracket. O/a 4 1/2" deep, 4 lbs sh. #BZL-0518, NEW, \$9.95

C-980/GR CONTROL C-980/GR INTERCOMMUNICATION CONTROL, usable as a two-wire field telephone when hooked up to ether C-980, TA-43/312 or KE-8 field phone. Requires H-33/PT as handset. Includes C-42 hand crank generator and call signal bell; 28D7 tube for radio intercommunication. Uses two "D" cell batteries; side mounting. 14x5 1/2"x7 1/2; 10 lbs. Used \$14.95

A.R.C. DUAL CONTROL C-37 REMOTE RADIO CONTROL as used in light civilian and military aircraft. Separate tuning knob and dial for 190-550 KHz and 118-148 Mhz plus Off-On-Volume controls. Also selector for ten transmit crystal frequencies. Use with MC-215 spline shaft (2). Requires 28 VDC. 6 1/2"x5 1/2"x2 1/2, 5 lbs. Unused, \$8.95; MC-215 Spline, 6 ft, \$1.50 ea.

TUNNEL DIODE AMP

AM-6025/FRC
TUNNEL DIODE
AMPLIFIER,
same as RFL
Model 1132.

Covers 755 to 985 Mhz; "N" connections for RF input and output. Requires 115 VAC for heater and 1.4 VDC for tunnel diode. No further info. 3x19x16, 24 lbs sh. Used, \$75.00



OMNI-SPECTRA 11147B
OSCILLATOR, impres-
sive looking gold-
plated miniature es-
sillator; no techni-
cal info available.
We do know that Omni-
Spectra specializes
in small microwave

coaxial components for frequencies above 1 Ghz. Solid-state; SMA fitting. 1x4x3 \$40.

RG-367/U FITTING

ANDREWS TYPE 79R FITTING for
5" dia coax H9 or RG-367/U;
50 ohm, 6-1/8" dia KIA flange.
19 lbs sh. Unused w/kit, \$100.



4.4-5.0 GHZ SYNTHESIZER



O-937/TRC-80 SYNTHESIZER, provided local oscillator signals for 4.4-5.0 Ghz military down converter; tunes 4400.8 to 4998.4 Mhz in 1.8 Mhz increments.

Has three oscillator modules, one each for units, 10's, 100's and two mixer modules. 00-99 and 000-999. Also 0-100 microammeter to monitor circuits; 11 tubes. Collins mfg.; requires 115 VAC 60 Hz. 10x19x8, 57 lbs. Used, \$125.

O-1336/TRC (Collins 69A1TH), similar functions as O-937 except all solid-state and no tunable mixers; 45 lbs. Used, \$225.



TWIN CAVITY FILTER



F-192/U FULL-LENGTH TWIN-CAVITY BANDPASS FILTER for 100-121 Mhz range; can be converted to 2 meter usage according to WAFK's article in 2/80 Ham Radio. Gold-plated cavity 9-1/8" long. "N" connections on rear; 8 lbs. Unused, \$20.

F-196/U BANDPASS FILTER, 184-205 Mhz range; shorter usable cavity length than F-192. Convert to 225 Mhz area; 7 lbs. Unused, \$17.50

F-202/U BANDPASS FILTER, 314-344 Mhz range; shorter usable cavity length than F-196. Convert to 420-450 Mhz; 7 lbs. Unused, \$17.50

ANTENNA RELAY

MAGNACRAFT #122RX-16 COAXIAL RELAY, 12-24 VDC SPDT with auxiliary SPST norm open 10 A contacts. 100 watts approx; 50 ohms. Has two RCA plugs and SO-239 connector. Encased with cover. 2x2x1 1/2, 2 lbs sh. Unused, \$5.95



HEAVY DUTY TRIPOD

MT-3806/PPS TRIPOD, aluminum unit originally used to support field radar but would probably make a sturdy base for a large format camera or other item with some modification. Each 1 1/2" dia x 24" leg holds 1" dia x 22" telescoping section w/ 4" dia cleated foot. Legs can be rotated 180 so equipment can be mounted upside down. 48" max height; no center column. Includes removable 9x5x4 canvas pouch. 8 lbs sh; unused, \$32.95



24 VDC 6 AMP SUPPLY



24 VDC 6 AMP POWER SUPPLY originally used in Xerox equipment but usable to power R-392 receiver and other equipment. Requires 105-125 VAC 60 Hz input. 4x9x8 1/2, 20 lbs. #AS-59134, used-checked, \$24.95

DEC H721 COMPUTER POWER SUPPLY, 120/240 VAC 60 Hz input produces outputs +10.5 V (adjusts to 12.5 V) 3 A, -15.5 V (adjusts -12.5 to -20 V) 5 A, and -5 V with current limiting and overvoltage protection (5 A current limit set, fused 25 A). W/Rotron fan; 5x19x8 1/2, 39 lbs sh. Used, \$35.



DEC H724A MULTIVOLTAGE COMPUTER POWER SUPPLY, outputs +15 V 1.5 amp, -15 V 10 A, 5 V 25 A, +8 V 2.5 A from 220 VAC 47-63 Hz 5 amp input. Has two Boxer fans. 10x15x21, 55 lbs sh. Used, \$45.00

PHILBRICK -300/+300 VDC POWER SUPPLIES, 0.001% designed regulation; not metered, rackmount. #R-300, 300 ma; 42 lbs sh wt. Used, \$50.00



#R-600, 600 ma; 55 lbs sh wt. Used, \$85.00

H-K FM TUNERS



HARMON KARDON FM TUNERS with AM capacitors (no AM component) 75 ohm antenna, and 300 ohm IF

jacks; 3/8" dia tune shafts. With diagram, NEW. #00331591A, two MOSFET RF stages, MOSFET mixer, two transistor oscillator; 3:1 gear reduction. Requires 13 VDC; 4x2x4 1/2. \$9.95

#00234539 (Alps), two MOSFET RF stages, MOSFET mixer, IC oscillator; 3-gang variable capacitor; 3:1 gear reduction. 5x2x2 1/2. \$7.95

#FB113013 (Alps), one FET, two transistor oscillator; requires -12 VDC. 3x2x2 1/2, 2 lbs sh. \$4.95

IF MODULE for FM tuners, 10.7 Mhz; five transistor, three IC, three ceramic filters. With schematic; 6x3x1 1/2. 1 lb. #AMB-831, \$9.00

STEP ATTENUATOR



BALANCED "H" ATTENUATOR NETWORK, 600/600 ohm, -70 db in eight 10 db steps; 200-350000 Hz 2 watts. Silver-plated contacts; with knob. 2x2x2 1/2 dia, 1 lb. #ATT/SG15 used \$6. #T-324-F, 0-20 db in 20 steps; 500/500A, \$9.

RF AMMETERS

O-8 RF AMMETER, 2 1/2" round black face; built-in thermocouple. GE type DW-44 with expanded scale, 3 RFA mid-scale. Unused \$10.



O-10 ANTENNA CURRENT METER with external thermocouple; p/e BC-442 and RE-2/ARC-5. 2 1/2" round black face Weston 507. Used, \$9.95

OS-8 OSCILLOSCOPE

OS-8/U OSCILLOSCOPE with 3RPI CRT; small portable unit has DC to 2 Mhz response. Vertical and horizontal sensitivity: 0.075 v-rms per 1" deflection. Sweep range: 3 to 50 KHz. Input impedance: 9 megohms shunted by 11 pf DC. Direct access to vertical and horizontal plates. Requires 115 VAC 50-1000 Hz. 9x6x1 1/2, 20 lbs sh. Used-reparable, \$49.50; Checked \$79.50



20-1400 MHZ WATTMETER



TS-118A WATTMETER, thermocouple type measures RF power over 20-1400 Mhz AM-FM-CW in ranges 20-100 Mhz (2-300 watts), 100-300 Mhz (2-500 W), 300-700 Mhz (2-250 W), and 700-1400 Mhz (2-125 W) depending on

thermocouple used. DC millivoltmeter indicate voltage developed and the reading is translated into RF watts by use of calibration charts. SWR less than 1.25:1; Input impedance 50 ohms. Can be used as dummy load with proper adapter (not available). Includes thermocouples MX-1781-1782-1783-1785, tuning shunt MX-1784, connector adapter UG-999, and transit case. 8x6x20 1/2, 48 lbs sh. Used, \$165. MANUAL, for above, partial repro, \$7.50

USM-32 PORTABLE SCOPE

AN/USM-32 SCOPE, compact unit with 10 Hz to 4 Mhz response; uses 3" 3WPI flat-faced CRT. Amplitude deflection 0.28 p-p volts/1" deflection; 600 V (DC-peak AC) max input. Rise-time 0.08 usec; 0.35 usec signal delay. Input impedance 1 Megohm shunted by 28 pf. Input attenuation factors:



0.3-1-3-10-30-100 v/inch. Horizontal sweep 10 to 200K usec continuously variable; 1 or 15 attenuation factors. Input impedance: 1 megohm shunted by 45 pf. Built-in Time Mark Generator intervals 1-10-100-1K-10K usec. Voltage calibrator 0.6 V p-p clipped sine wave. Trigger Generator 1-2 usec duration with repetition frequency 45Hz-5.5 KHz, amplitude 100 V into 5K ohms shunted by 1500 pf. Requires 115 VAC 50-1000 Hz; 9x6x1 1/2, 21 lbs sh wt. Used-reparable, \$79.50. Checked, \$119.50. MANUAL partial repro, \$12.

COMMERCIAL TEST



HEWLETT-PACKARD 302A WAVE ANALYZER, highly selective tuned voltmeter designed to evaluate a signal's fundamental, harmonics, and intermodulation products. Range: 20-50000 Hz. Voltage: 30 uv to 300 V fullscale. Also frequency re-storer, oscillator, and AFC circuits. 12x20x14 1/2, 49 lbs sh. Used, reparable, \$265.00

Other COMMERCIAL TEST equipment, reparable:
FAIRCHILD 74-13A Calibrated Sweep Delay Scope plug-in for 765H/766H/767H, \$150.00
FAIRCHILD 76-08 50 Mhz Dual-Trace amp \$125.
FAIRCHILD 76-01A 25 Mhz Single Trace, \$45.
GENERAL RADIO 546C Microvoltage, \$65.00
GR-583A Power Output Meter, \$75.00
GR-1026A Signal Generator, 9.5-500 Mhz AM; FM and phase lock capability. \$695 w/book
HEWLETT-PACKARD 810A Wave Analyzer, 1 KHz to 1.5 Mhz; 200, 1K, 3K Hz bandwidth, \$300.
HP-313A Tracking Oscillator, w/book, \$495.
HP-522B Decade Counter, 10 Hz-120 KHz, \$50.
HP-618B Signal Generator, 3.8-7.6 Ghz, \$350.
LAVOIE LA-70B Frequency Meter, 20 Mhz-3 Ghz using 30-92 Mhz fundamental; \$100.00
MARCONI TF791D FM Deviation Meter, 4-1024 Mhz; dev ranges 5-25-75-125 KHz w/book \$295
MARCONI TF-2300 FM and AM Modulation and Deviation, 4-1000 Mhz range; dev 5-15-50-150 KHz. Solid-state, with book, \$595.00
MILLIPORE Particle Measurement Computer with GE video camera; designed to identify atmospheric pollutants by analyzing light refraction in the air, \$995.00
POLARAD MSG-2 Signal Generator, 2150 to 4600 Mhz pulse and CW, \$225.00
TEKTRONIX M Scope plug-in, 4-trace, \$175.00
TEK Type O Operational Amp plug-in, \$225.00
TEK Type CA Dual-Trace f/530-540 series \$110
TEK Type B2 Dual-Trace for 580-series, \$175.
TEK 575 Transistor Curve Tracer Scope, \$225.
TEK P6042 Current Probe, DC-50 Mhz, \$225.00

TMC FFR-3 RECEIVER with plug-in frequency tuners TM-275 (96-206 KHz), FFRD-6 (4-8 Mhz), FFRD-7B (8-16 Mhz), and FFRD-8B (18-32 Mhz); also two tuner storage racks. Used-exc \$295.

MINIMUM ORDER \$5.00

TRANSMITTER SUPPLY

BY-94A/GRC TRANSISTORIZED POWER SUPPLY, provides 550 VDC 150 ma, 250 VDC 120 ma, 20 VDC 20 ma, 200 VDC 100 ma, and 26 V 1.7 A AC or DC from 115/230 VAC 50-65 Hz or 26 VDC input. Looks like good supply for low to medium power transmitters. 9 1/2" x 11 1/2" x 1 3/4", 42 lbs sh wt. Used, \$59.50; Connectors (2), \$3 each.



54 TO 70.9 MHZ

R-125/GRC FM RECEIVER, 54-70.9 Mhz in 100 KHz steps. Variable IF 15.15-16.05; 4.3 Mhz fixed IF. 0.5 uv design sens. W/AF, squelch, and 23 tubes. Requires 200 VDC 100 ma and 24-28 V AC or DC 1.3 A. 9 1/2" x 11 1/2" x 1 3/4", 29 lbs. Used, \$29.95



AE TONE KEY PAD

AUTOMATIC ELECTRIC TONE KEY PAD with brushed aluminum cover; use for tone control, signaling, etc. Each key produces two tone output; characters 0 thru 9, *, #. Requires 9-15 VDC. 4-3/8" sq x 2 1/4", 2 lbs. With hook-up info. #AE-WA-1127, NEW, \$9.95



CANDLESTICK MIC

T-32 MICROPHONE, antique "candlestick" style 40 ohm carbon mic; 300-4500 Hz flat response. Has push-talk switch and 6 foot cord with PL-68 plug. 5 1/2" dia pedestal, 1 1/2" high o/a; 4 lbs sh. Used, \$19.95

RS-39 NAVY-TYPE CARBON MIC, 100 ohm element; 18" long coil cord w/PL-68 plug stretches to 48". 2-3/8" dia with push-talk button. U.S. mfg, unused \$9.00



AE MONOPHONE

AUTOMATIC ELECTRIC MONOPHONE, 1940's vintage black desk telephone with a "different" look from today's telephones. Includes rotary dial, handset, and ringer. Should work in most telephone systems; no FCC # available. 8 lbs sh. #AE-4020, used, \$14.95



FIELD TELEPHONE

TA-43/312 FIELD TELEPHONE, rugged lightweight unit replaced the famous KE-8 field phones and can be used with them in situations where radio communications are not feasible. Two conductor wire is used to connect phones; handcrank generator signals transmission and clacker alerts of incoming call. Requires two "D" cells to operate H-60 handset. Includes canvas carrying bag and strap. 12x7x4, 12 lbs sh wt. Used-checked, \$49.50



BA-279 BATTERY

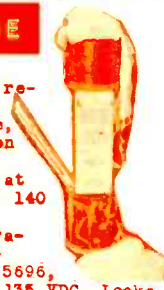
BA-279/U BATTERY for backpack transceivers AN/PRC-8-9-10 and Canadian PRC-509-510. Each is unused, 10/65 date code. We check them on AM/PSM-13 test set. 8 1/2" x 8 1/2" x 2 1/2", 6 lbs sh. #BA-279-SH, all cells test 8 hr life, \$12. #BA-279-WF, weak filament (1.5 V) only; all other cells test 8 hr life, \$8.95 #BA-279-WC, 2 or more cells weak, \$4.95



MI-3568/PRC BATTERY ADAPTER, fastens in place of PRC-8-9-10-509-510 battery box and has 6' cable with 7-pin connector for connection to remote power source. 3x9x2 1/2, 3 lbs, unused \$10

AMT-6 RADIOSONDE

AN/AMT-6C RADIOSONDE WEATHER ANALYSIS SET, designed to be released from high-flying aircraft to transmit temperature, humidity, and pressure data on its descent. Transmits pulse signals in 399-403 Mhz range at repetition rate of 20-550 Hz, 140 watts peak. Includes 18" dia drogue and 48" dia vented parachutes, humidity-temperature-pressure elements, and tubes 5696, 5875, 6026. Requires 1.5, 6, 135 VDC. Looks like an interesting experimenter's item. 5 1/2" dia x 2 1/2" H, 9 lbs sh. Unused, \$14.95



SELSYN - INDICATOR

MC-507 SELSYN-INDICATOR, usable as selsyn transmitter in wind direction or beacon locator systems in conjunction with I-81, I-82, ID-91, ID-637, etc remote compass indicators (see page 9 our WS-83 Catalog). Also since it has 0-360° scale in 5° increments, it can be easily made into an indicator itself simply by loosening the housing screws allowing it to rotate freely. Has added feature of -25-0+25 degree correction scale. Will operate on 12 to 24 VAC 60 Hz. 3" dia scale x 2 1/2"; 2 lbs. Used \$8.95 2/#16.



2-30 MHZ POWER AMP

POWER AMP/MODULATOR DECK from T631/GRC, a 2-30 Mhz transmitter 400 watts peak AM at 100% modulation or 100 W nominal AM-CW. Uses a 4X250 in P-A, two 4X250's in modulator; RF input 4 Vrms. Has 4-position switch bands 2-3, 3-6, 6-10, 10-30 Mhz and three 0.43-18 uH variable ribbon inductors all driven by 26 VDC motor. Other components 3-Kinac sockets and chimneys for 4X250's, 12-Centralab 850 4 KV capacitors, and blower. Requires 26 VAC, +26 +250 +1100 -105 VDC. 6 1/2" x 15 1/2" x 1 3/4", 34 lbs. W/schematic, \$115. MANUAL for MRC-55 including R-808 and T-631/GRC-14 radio sets; 6 lbs., \$22.00



POWER AMPLIFIER

POWER AMPLIFIER ASSEMBLY removed from 225-400 Mhz transmitter; makes an excellent foundation for your power amp. Has oscillator section with 12AT7, 1st doubler (12AT7), buffer (12AT7), 2nd doubler (4X150), and a push-pull tripler with two 4X150's. Manual controls for crystal select, RF driver w/lock, and PA tuning w/lock. PA-grid and plate currents could be monitored by adding a 200 microammeter and switch. Silver-plated chassis includes heavy duty blower and tubes 3/12AT7, and 3/4X150A (6 V fil.) 14x10x5, 33 lbs. #PA/TED w/schem, \$77.



SWITCHING SUPPLIES

LAMBDA SWITCHING POWER SUPPLIES, compact, energy efficient units useful for applications where RF noise is not a consideration. Outputs ±5% adjust; ratings @ 40° C. Unused or little used though cosmetic cleaning may be desired:

#	Output	Reg	Size	Wt	Price
LUS-8-24	24 V 700 ma	4%	3 1/2" x 1 1/2" x 4"	2	\$10.95
LUS-11-15	15 V 7 amp	4%	3 1/2" x 3" x 3 1/2"	4	\$19.95
LUT-12-5122	-5 V 12 A, 12 V 1.5 A	-	4" x 12" x 9 1/2"	4	\$24.95
LYS-X-28	28 V 5 amp	1%	2 1/2" x 5" x 7"	6	\$29.95



WHAT-CHA-MA-CALL-IT

We were told these were originally used to allow up to four computers to access one peripheral, but we have no further info. Hence, we are selling them for parts which are RS232-type connectors 4 ea DB25S and 1/DB25F, Triad 26.8 VCT 1.7 amp transformer, 4 1/2" x 1 1/2" heatsink, two circuit cards, 8' 3-cond line cord, and 3x12x10 1/2 enclosure. PC cards have 4/7400, 7401, 3/7404, 5/7420, 7430, 7473, 7476, 7493, 5/7490, 4/7495, 3/74121, 74153, 74156, 74, 64, 2/75189, 555, MC1469R, MC1463R, 2N3055, MJ3101, and 8800 KHz crystal. 12 lbs sh. #240-400, used, \$10.95 #340-400, as above except with switch selectable rtal 8800/2400 KHz 300/110 baud. \$12.95



PAPER TAPE READER

TALLY PAPER TAPE READER/TRANSMITTER, consists of oscillator, receiver, logic, and power supply cards. Uses standard one inch paper tape; selectable 5 or 8 channels, A or U mode. Output can be set to 0, -3, -6, -9, -12 dbm. No specific data but believe this to be 300 baud Requires 115 VAC 60 Hz. Size: 9-5/8" x 12x4 1/2", 11 lbs sh. #PTR-760-328, used, \$14.95 #760-128 TALLY PAPER TAPE READER, similar to above; no selectable output, 100 baud. \$8.95



JOYSTICK

HIGH-QUALITY JOYSTICK with removable center return springs. Uses two Bourn 5K ohm pots with trim adjustments for position centering. 1-3/8" stem above panel surface; 1 1/2" depth required behind. O/A approx 2 1/2" x 2 1/2", 1 lb. #JS-14227 NEW \$7.



HARMON-KARDON PCB

HARMON-KARDON AUDIO COMPONENT CIRCUIT BOARDS, all new surplus with schematics:

FOUR CHANNEL AUDIO AMPLIFIER, each channel can be used independently of the other. Has 28 transistors --no specifications. Power input 47 V 1.5 amps max; output transistors are Sanken C1107. With schematic; board 7 1/2" x 4", 3" H incldg plate. #HK-AF27E \$15.



STEREO TONE CONTROL BOARD with ganged treble, bass, volume control balance pots. Tone controls are each 2/duol 50K; volume is 4-gang 100K. Also 3/4PDT push on/push off switches, 6 transistors; -26 VDC req. #HK-0866, \$5.00



TONE CONTROL-AUDIO EQUALIZER, five ranges: 60, 320, 1K, 5K, 12K Hz. Requires addition of five 50K ohm slide resistors (not available) and -30 VDC. Schematic included. 4 1/2" x 3", 1 lb sh. #HK-26243A, \$3.50 #HK1561, similar to above; no schematic \$2.50



POWER SUPPLY/SPEED CONTROL BOARD for record player. Consists of speed control circuit for 33/45 RPM player using 29 VDC motor (not included). Has 22 transistors w/usable load lengths, two opto couplers (4N27). An interesting gadget board w/schematic. #HK-134450, \$2.25 RECTIFIER-CAPACITOR CIRCUIT BOARD, has capacitors: 7/47 mf 100 V, 2/47 mf 63 V, 2/500 mf 50 V. 6x3x1 1/2, 1 lb. #HK-26239B, \$1.50



WORLD'S FINEST

ELECTRONIC SURPLUS

54th

ANNIVERSARY



1947

2001

CATALOG WS-01
MANY NEW ITEMS
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ORDERING INFORMATION
SEE PAGES 17 & 18

MINIMUM ORDER \$10.00 + SHIPPING

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This is the only catalog that will be sent this year. A supplement will be sent in the spring and fall.

RLC Bridge



ZM-30 / URM-90 Resistance - Capacitance - Inductance Bridge, portable unit has ranges: Resistance 0.1 milliohm to 11 megohms; Capacitance 0.1pf to 1100 mfd; and Inductance 0.1uHy to 1100 Hy. Also Dissipation Factor (R/X or D) 0.001 to 1.05 and

Storage Factor (X/R or Q) 0.02 to 1000. Frequency range 100-100000 Hz; 1KHz internal oscillator. Uses 6U5 eye tube as internal detector for AC measurements; galvanometer for DC measurements Requires 115VAC 50-60Hz; 10.5x11.5x11, 23 lbs sh. Used Reparable, \$85.00; Checked, \$135.00; Manual Reproduction, \$15.00

Bi-Directional Horn

Atlas Sound APT-34T is a weather-proof bi-directional horn which offers construction and acoustic properties assuring 30 watts of continuous handling capability, superior intelligibility and unparalleled conversion efficiency. Has built-in 70V and 25V transformers with screwdriver selectable wattage taps. All metal construction. Comes with mounting bracket providing positioning flexibility for vertical or horizontal. 16.5" long x 9.8" diameter. 9 lbs sh. Unused, \$79.50



Shalco Attenuator



Shalco Attenuator Network #12851-1 is a 600 ohm impedance, decade type, unbalanced "T" circuit direct reading unit providing accurate performance in the low radio frequency spectrum, and usable over the range from 0 to 10 MHz. Accuracy +/- (.5% + .03 dB) of setting when checked at 1KHz. Unit has a range of 0 to 110dB in 1 dB steps and is equipped with 3/4" spacing 5 way binding posts. 7.5x12x5.3, 8 lbs sh. Unused, \$149.50

frequency spectrum, and usable over the range from 0 to 10 MHz. Accuracy +/- (.5% + .03 dB) of setting when checked at 1KHz. Unit has a range of 0 to 110dB in 1 dB steps and is equipped with 3/4" spacing 5 way binding posts. 7.5x12x5.3, 8 lbs sh. Unused, \$149.50

URM-120 Wattmeter

URM-120 Wattmeter measures incident & reflected RF from 10 to 1000 watts over 2 to 1000 MHz. Uses three plug-in coupler elements CU-753 (2-30 MHz, 50-100-500-1000 W), CU-754 (25-250 MHz, 10-50-100-500 W) and CU-755 (200-1000 MHz, 10-50-100-500 W) that fit TS-1285* meter. Max-insertion VSWR 1.08 (1.05 for CU-754/755, 500 W range). Power selectable on each coupler. TS-1285* has 3.5" dia meter, 0-10-50 W scale and N conn. W/transit case & manual. 5x4.8x7.3, 20 lbs. URM-120, (TS-1285 etc), used-reparable, \$175.00 URM-120A, (TS-1285a etc), used-reparable, \$220.00



Rack Cabinet



Standard 19" Aluminum Rack Cabinet, has 7" opening for height and 20" for depth. Has two carrying handles. No rear panel. 26 lbs sh. #RC-7, Used good condition, \$54.50

Books



THE 1936 RADIO HANDBOOK by Frank Jones, Filled with diagrams, schematics, and photos of receivers, transmitters, power supplies, transceivers, tube specs, test equipment, amateur operating procedure, advertising and more. Perfect for the radio builder, collector, restorer, or amateur radio operator. 360 pp, \$19.95

OFFICIAL 1934 SHORT WAVE RADIO MANUAL, Build simple, high performance old time shortwave radios! All of the secrets are here: the circuit diagrams, parts layout, coil specifications, construction details, operation hints, and much more. This is a compilation of construction articles from "Short Wave Craft" magazine. 260 pp, \$15.95



MANUFACTURE OF WIRELESS COMPONENTS, This book contains a series of articles showing you how wireless components were fabricated with simple machine tools just after WWI. There are articles on making radio parts, jigs and fixtures, fabrication of honeycomb coils, manufacturing of moulded electrical and wireless parts, and more... 64 pp, \$6.95

HP Test Oscillator

HP-652A Test Oscillator covers 10Hz to 10MHz frequency range. Amplitude and frequency stability of the solid state capacitance-tuned unit provides high quality signals for general purpose lab or production measurements. Output is 3.16 volts into 50 or 600 ohms. 90 dB attenuator. BNC connectors. 11.3x16.8x5.2, 22 lbs sh. Used Reparable, \$125.00; Used Checked, \$175.00



Rx / Tx Controller

ITT Electronics #SB-4111/TSC-99 Rackmountable Receiver Selector/Transmit Controller. Allows operator to select any two of up to five receivers and monitor simultaneously. Both left and right sections have separate amplifiers, volume controls, headphone jacks, and receiver selector controls. Each section also has a microphone jack with keyline circuit, microphone preamplifier, (gain controls on rear), CW key jack, and switched CW key monitor circuit. Requires 120VAC 60Hz, however, works on 24VDC connected to power supply rear mount test points. Input/output connects thru (2) 25 pin "D" subminiature line connector; Connection pin-out included. No top cover. 11x19x1.8, 8 lbs sh. Used Excellent, \$49.50



25 pin "D" Submini Connector with shell, used, \$3.50

Rackmount Drawer



Rackmount Equipment Drawer with adjustable glides. Sturdy steel construction. Off-white textured coating surface. Recessed handle on front. Mounting hardware included. 17" depth x 6" height. 22 lbs sh. #ED-17, Unused, \$35.00

Cable Ties

VARIOUS MAJOR MANUFACTURERS



Tie-Down Nylon Cable Tie - Ideal for fastening wiring or harnesses to chassis or mechanical assemblies. Accepts #10 screw. Maximum bundle diameter of 1 1/4". Overall length of 6". Standard 0.19" width.

#TCT-6B, Black color, 50/\$5.50; 100/\$8.00
#TCT-6N, Natural color, 50/\$5.50; 100/\$8.00



CABLE TIES, All nylon ties listed below are common locking type and are 0.12" width.

#CT-5.5, Black 5.5" overall length, 50/\$4.; 100/\$6.50
#CT-5, Natural 5" overall length, 50/\$4.; 100/\$6.50

As above except 0.06" width. Bundle dia. is 5/8".

#CT-4, Black 4" overall length. 50/\$3.00; 100/\$5.00
#CT-4.5, Natural 4.5" overall length. 50/\$3.; 100/\$5.



Nylon Marker Cable Tie. Overall length of 4.5" length. 0.06" width. Natural color.
#NMCT-4.5, 50/\$5.00; 100/\$7.50

See page 31 for a further listing of Cable Ties

Voltage Tester



Voltage Tester by Ideal #61-067. Tester checks for 110 to 550VAC; 110 to 600VDC; 25 to 60Hz frequency; Identifies AC or DC; Checks circuit continuity; Determines DC polarity; Finds blown fuses, grounding and leakage. Comes with the test leads featuring safety shield prod tips. 1.5x2.4x6.4, 3 lbs sh. Unused, \$25

Test Leads

MX-1909 Test Leads with alligator clips. Each test lead is 55" long. Used in conjunction with PSM-6 and other military meters. Unused, \$4.00



Red & black panel jacks for above. #J-19, used, \$2 per set

Heat Shrink Tubing



3/8" Dia. Alpha FIT-105-3/8 Irradiated PVC Heat Shrink Tubing, For wire harness jacketing and covering handles, capacitors, and terminals. Rated 105 degree C. 2:1 shrinkage ratio at 175 degree C. 3/8" diameter. Unused, 10 ft for \$4; 25 ft for \$7.50

Knobs Galore !!



Raytheon style Grey Pointer Knob. Fits 1/4" diameter shaft. #KNP-1, 5/\$2

Pointer Knob for 1/4" diameter shaft. o/a 1.1" long. #KNP-2, 6/\$2.00



2.2" long Pointer Knob for 1/4" diameter shaft. #KNP-3, 4/\$2.00

Fluted Pointer Knob with skirt, 1.5" diameter. Fits 1/4" diameter shaft. #KNFP-1, 4/\$2.00



1.5" diameter fluted knob with pointer. Fits 3/8" dia. shaft. #KNFP-2, 4/\$2.00

Fluted Knob with skirt, 1.5" diameter. Fits 3/8" diameter shaft. #KNF-3, 3/\$2.



Fluted Knob with skirt, 1.4" diameter. Fits 1/4" diameter shaft. #KNF-4, 3/\$2

Fluted Spin Knob (less spinner - requires a 8-24 thread spinner) with skirt, 2" diameter. Fits 1/4" diameter shaft. #KNFS-1, 2/\$3.00



Spin Tuning Knob for spline as used on ARN-6 and BC-229 and other sets that used MC-124 connections. #MC-127, \$7.50

Dark Brown Fluted Knob for press fit shaft. o/a 0.9" diameter. #KNDBF-5, 6/\$2.00



Dark Brown "Mushroom" style with decorative ridges. O/a 1.5" diameter. Fits 1/4" dia. shaft. #KNDB-6, 3/\$2.00

Dual Concentric Knob Set. 0.8" dia outer knob fits 1/4" dia shaft; 1.1" dia inner knob fits 7/16" dia. shaft. #KN-DUAL, 3/\$2.00



Lever Knob with decorative ridges. 1.7" long. Fits 1/4" diameter shaft. #KNL-1, 4/\$2.00

Lever Pointer Knob for 1/4" diameter shaft. o/a 2.8" long. #KNL-2, 4/\$2.00



Bar Knob with pointer, 1.8" long. Fits 1/4" flatted shaft that is center drilled for hold down screw. #KNB-1, 5/\$2.00

7/16" dia Round Knob with brushed aluminum face. Push-on type fits 3/16" half round shaft. #KNRA-2, 6/\$2.00



Round Knob with Brushed Aluminum Face, 1.1" diameter. Fits 1/4" diameter shaft. #KNRA-1, 4/\$2.00

Ridged Round Knob with skirt. o/a 3" diameter. Fits 1/4" diameter shaft. #KNR-3, 2/\$1.00



Ridged Round Knob. o/a 1.5" diameter. Fits 1/4" diameter shaft. #KNR-4, 5/\$2.00

Round Knob. o/a 1.4" diameter. Fits 1/4" diameter shaft. #KNR-5, 5/\$2.00



Rounded Top Knob with decorative ridges. o/a 5/8" diameter. Fits 1/4" half round shaft. #KNR-6, 6/\$2.00

Quality Black Aluminum Round Knob with ridges. o/a 1.1" diameter. Fits 1/4" dia. shaft. #KNR-7, 3/\$2.00



Round knob with 0-10 dial skirt, o/a 2.5" diameter. Fits 1/4" diameter shaft. #KNR-8, 2/\$3.00



GOD IS JUST A PRAYER AWAY

Fair Radio buys your excess material. We may be interested in some items in low quantities, but prefer higher quantities for our catalog sales.

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FOR ORDERING INFORMATION SEE PAGES 17 & 18

R-390A HF RECEIVER



R-390A/URR RECEIVER famous military set covers 0.5 to 32 Mhz AM-CW-MCW in 31 one Mhz bands read directly on mechanical digital counter. 455 KHz final IF; has four Collins mechanical filters allowing 2-4-8-16 KHz selectable bandwidth. Calibration points every 100 KHz; also BFO, AGC, dial locks, 600 ohm audio out, Line and Carrier Level meters. Uses 24 electron tubes; also twinax (balanced) and type C (unbalanced) RF conn. Rackmount; LESS METERS & COVERS. Requires 115/230 V 60 Hz. 10.5x19x16.8, 92 lbs. USED-REPAIRABLE, \$310.00; CHECKED, \$495.00 R-390A CHECKED with substitute meters, \$550.00 MANUAL, partial repro, \$15.00

----- Name Tags for R-390A -----

Reproduction Name Tags for R-390A radios. Multiple mfg available. New, \$17.00 each



Motorola Large Print, 3"Wx7/8"H, #TML390
Motorola Small Print, 3"Wx7/8"H, #TMS390
Collins, 2.5"Wx1"H, #TC390
Electronic Assistance Corp., 2.5"Wx1"H, #TE390
Stewart-Warner, 2.5"Wx1"H, #TS390

----- COVERS FOR R-390A -----

Hard to find aluminum replacement top and bottom covers for R-390A series. Very close to original. Newly manufactured, #390-TB, \$49.50
RF Cover, Newly manufactured, #390-RF, \$12.00
Set: top, bottom, & RF; newly mfg, #390-S, \$59.50

LS-166 Speaker with large PM magnet & 600:8 ohm transformer. Unused, \$25.00; Bracket, \$3.00

R-390A, R-392, R-648 PARTS

Replacement assemblies & parts for military receivers:

R-390A (A) R-392 (B) R-648/ARR-41 (C)

SPECIFY receiver type & chassis part designation!

AUDIO SECTION	\$30 (B) \$20 (C)
BEAT FREQUENCY OSC,	\$20 (A) \$15 (B)
CRYSTAL CAL CHASSIS,	\$30.00 (B)
CRYSTAL OSCILLATOR (no crystals)	\$20 (A,B)
CRYSTAL, BAND DIAL, COUNTER	\$10 ea (A,B,C); 5/\$35 per Rx xtal \$18.00 (A,B,C)
FILTER, MECH (A): 2Khz \$50; 4Khz \$45; 8Khz \$30; 16Khz \$24	
GEARS #39 or #21,	\$7 (A); others \$3 (A,B,C)
GEAR CLAMPS,	Small only \$2. (A,B,C)
HANDLES per pair,	\$8.00 (A)
KNOBS, small or medium size,	\$2..00 (A,C)
MHZ/KHZ large,	\$5 (B,C)
POTS: RF, IF AUDIO GAIN,	\$2.50 ea (A)
POWER SUPPLY without tubes	\$25.00 (A)
RF AMPLIFIER SECTION,	\$17 (C)
RF/IF TUNER less VFO,	\$95 (C)
RF OSC ASSY less crystals,	\$18 (C)
SPECTRUM GENERATOR,	\$18 (C)
TRANSFORMER, AUDIO,	\$7.50 (B,C)
" , RF-IF (specify #)	\$8 (B,C)
SLUGS only (specify #),	\$3.50 ea (A,B,C)
VFO, (COLLINS),	\$65 (A) \$60 (B) \$45 (C)



VARIABLE FREQUENCY OSCILLATOR from R-390A HF receiver with 5749 tube; various mfg (no choice). 4x3x7.5, 4 lbs #VFO/R390A, used "as-is" \$22.50

I.F. DECK for R-390A with BFO, four good Collins 455 KC mechanical filters 2-4-8-16 KHz, and tubes except no RT510 ballast; 4 lbs. #IF/390A, "as-is" \$125.00

RF AMPLIFIER DECK "AS-IS" for parts or as possible spare for your working R-390A. Includes front gear assembly, set of RF transformers with slugs and slug racks. LESS tubes, crystal oven & counter. 9x12x16, 18 lbs #RF-R390A-93, "as-is", \$40



AUDIO AMPLIFIER SECTION for R-390A receiver; includes AF transformers, chokes, C603/606 capacitors and tubes; 8 lbs sh. #AF-R390A, "AS-IS", less J620 chassis connector and tube shields, \$30.00

W-J RECEIVERS



WATKINS-JOHNSON 8716 / 8718 HF RECEIVER, 5 KHz to 29.99999 Mhz AM-CW-LSB-USB-ISB continuously tunable and shown on LED

display. IF bandwidth 0.3-1-3.2-6-16 KHz. Requires 100-115/230 V 48-420 Hz. With 8718 manual copy. 5.3x19x19.4, 43 lbs sh. USED-excellent, \$2250.00

WJ-8718 option 14, Same as above except high end bandwidths 40KHz & 100KHz. Operational, \$2250

WJ-8999 Subcarrier Receiver 10KHz-1MHz, Operational with manual, \$900.00

W-J UHF RECEIVERS

WATKINS-JOHNSON 8737 PANORAMIC RECEIVER (RU) w/DISPLAY UNIT (DU), four solid-state band tuners:



20-90, 90-300, 235-500 and 500-1000 Mhz CW-AM/MAN-AM/AGC-FM- Pulse. IF bandwidth: 4-20-100 KHz; 21.4 Mhz IF. RU controls COR/Squelch, Video Gain, RF/IF Gain, ON/OFF/ Audio Gain, Video Out, Phone Out, Fine tune. Display 1"Hx3"W CRT shows upto 3 Mhz spectrum. Sweep 20 KHz-3 Mhz. DU also has 6-digit freq-counter; time base provides DAFC for RU. W/ manual copy for = WJ9026; with connectors but LESS CABLES. 5x19 x26, 65 lbs sh. used-working, may not be to specs, \$1375.

WJ-8618 20-1100Mhz, Operational w/ manual, \$3000

ILS RECEIVER



FA-8766 PORTABLE ILS TEST RECEIVER, covers 108.1 to 111.9 (5uv sens) and 329.3 to 335.0 (25 uv) Mhz with separate crystal controlled front ends feeding a common 60 mhz IF through a combiner and then converted to a 3 Mhz second IF. The RF and IF sections are in cast metal shielded assemblies.

The solid state receiver has audio and AGC detectors. The audio circuits have 90 and 150 hz bandpass filters, the audio is rectified and the output used to drive the DC meters. This unit is a good basis for modification and experimentation. Power input 120 vac or 18 vdc. Receiver has nicad battery/charger circuit. No warranty as to serviceability of battery. See our web page for more pictures. 10.1x9.5x12, 23 lbs sh. With schematic/info. Used \$49.50

RFI Receiver

Singer model #NM-17/27 is a programmable, precision electromagnetic interference/field intensity meter for the measurement of conducted or radiated RF



interference, within the frequency range of 10KHz to 32 MHz. May be used as a VLF unit. The instrument may be used to analyze narrowband or broadband signals within its frequency range. Field intensity or direct peak detector functions may be used for measurements in addition to quasi-peak, slideback peak and BFO detection modes. AM, FM and PM signals may be detected and are available at the video output receptacle for oscilloscope display. Requires 115/230V at 50 to 400Hz. 18.5x16.7x8.7, 55 lbs sh. Used repairable with manual repro, \$695.

NM-17/37 same as above except 20MHz-1GHz, \$995

NM-26T Stoddart type, EMI Rcvr, 150KHz-32MHz, \$595

FAIRCHILD ELECTRO-METRICS R-70B RFI RECEIVER uses 9 tuning heads covering 0.1 to 1100 MHz; with two cases & manual, \$1200.00

Noise Reduction Unit



JPS Communications NRU 500 Noise Reduction Unit originally designed to improve the signal to noise ratio of HF communications. The unit removes broadband noise, repetitive impulse noise, tones, hetrodynes, and receiver birdies. The unit can be used to process any audio speech signals. Output impedance 600 ohms. Controls on front panel, power; Noise reduction- Max-med-min; bypass on-off; signal LED; in and out level adjust(scdvr); squelch; speaker; phones; monitor level. Requires DB-9 M and F, not included. power 115/230 Units are in excellent condition with current software. \$495.00

COLLINS 208U-3A

208U-3A POWER AMP automatically tunable over 2 to 30 Mhz SSB-AM-CW @ 3 KW PEP for use with URG-2 radios. Uses 4CX5000 PA tube; tune time 6 sec nominal, 10 sec max. With modules 333H-2 Electronic Control Amp, 309F-1 Digital to Analog Converter, 915V-2 Amp Control, 652J-13 Power Supply, 599Z-1 Test Panel and 915X-1 Control Monitor. Includes manual copies for all components except 915X-1 & 599Z-1.



72.5x32.6x31; 1200 lbs shipping. USED-NOT TESTED less 4CX5000, \$3200.00

RF-1310 HF EXCITER



HARRIS RF-1310 HF EXCITER, micro-processor controlled set produces 100 mw RF output over 0.4 to 29.9999 Mhz AM-USB-

LSB-CW in 10 Hz increments; provision for 100 preset channels. LED readouts & push button entry of frequency & function + signal meter. Stability 1 pp 10 MM /day using internal 1 MHz standard. Requires 115/ 230 VAC 48-63 Hz; 7.5x19x22, 45 lbs sh Used-EXC, \$1495.00

1 KW POWER AMP

RF-110A POWER AMP, "lazily" amplifies output of RF-1310, T-827, RT-618 and similar exciters to 1000 watts PEP SSB-AM using two 4CX1500B tubes driven by two 8122's. Output adjustable down to 10 W. Frequency selection of 2-30 Mhz in 19 bands or automatic for RF1310. Comes with system operator's manual. 12.4x17.4 x20, 95 lbs. USED-EXC not-tested \$1295.00 Connectors for RF-110A - WRITE



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PP-3916 230 VAC 50/60 Hz 3-PHASE SUPPLY for above or URT-23. Output 2250 VDC 1.2 amps, 500VDC 900 ma, 115 VAC 60 Hz 185 W, 115 VAC 400 Hz 70 W. 7.1x17.4x19.9, 160 lbs shipping. USED, \$165.00

VISIT OUR WEBSITE AT FAIRRADIO.COM

HF-80 KW POWER AMP



ROCKWELL HF-8023 POWER AMPLIFIER, solid-state 1 KW (avg) amp utilizes one driver plus four 250 W power modules to achieve rated output; VSWR: 1.3:1. Designed for use with HF-8014A exciter and power supplies HF-8031 or 8032. Cables & manuals not available. HF-8023 (622-3490-207): 10.5x19 x25, 62 lbs sh. USED, not tested, \$2950.00

HF-8030 (622-3383-001) POWER SUPPLY for HF-8020 power amp; 90 lbs sh. unused, \$1500.00

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HF-8064 4-CHANNEL HF PRESELECTOR, auto-tuned bandpass filter for HF-8054 receiver & HF-8014.



Provides front-end selectivity & overload protection for Rx; improves cross-modulation & out-of-band intermod. Power: 100/115/215/230 V 47-63 Hz. 5.3x19x24, 32 lbs shipping. #622-3522-203, used, \$795.00

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HF8040A AUTOMATIC ANTENNA COUPLER, matches antenna to power amp over 1.6-30 MHz ISB-USB-AM-CW 1 KW average, 1260 W PEP. Has control logic card, vacuum caps

USLPA-500-6 & USLS-500-5 and large inductor coil. Aluminum outdoor enclosure; 115/230 VAC 50/60 Hz. 15x39.3x21, 100 lbs #622-3515-001, GOV'T RECONDITIONED, \$995.00 MANUAL for CU2294 (HF8040A) partial-repro, \$35.

CLASS C POWER AMP

CLASS C POWER AMPLIFIER removed from T-195/GRC-100 watt transmitter; uses 4X150D tube to cover 1.5 to 20 MHz in ten bands using variable and fixed capacitors, switches, and 400 Hz servo motor. Chassis also has discriminator and servo amp. Requires 1000 VDC modulated, -250 VDC, -45 VDC & 115 V 400 Hz for motor. W/tubes 4X150D, 5751, 6AQ5, 5763 and schematic. 9.5x8.5x6, 15#. PAT195, used, \$30



DRIVER AMP



WESTREX 9200B DRIVER AMP uses two 8117 tubes which cover 4CX3000A in separate amp (not available). Continuously tunable 1.5 to 31 MHz; has

meter to monitor volt levels. Requires 115/230 VAC 50-400 Hz; 23x19x8.7, 150 lbs sh. USED, \$295.00

UHF POWER AMP

AM-6155/GRT-22 POWER AMPLIFIER (ITT 3212) conservatively rated for 50 watt output from 10 watt exciter input over 225-400 MHz;



uses Eimac X651Z/8930 or Amperex DX393 tetrode (no choice) in silver-plated cavity-drawer; 175-turn TUNE counter dial. Main chassis has solid-state power supply and buffer amp/multiplier; panel meter monitors voltages. Requires 105/120/210/ 240 VAC 50-400 Hz and +20 V reg 60 ma, +20 V keyed; w/schematic info. 7x19 x18.5, 80 lbs sh. USED-excellent-NOT TESTED, \$235.00

602-999 MHz Amp.



AM-1957 AMPLIFIER-OSCILLATOR, 601.5 to 999.5 MHz plug-in for T-893/GRC-50 transmitter. Utilizes three 7289 tubes as 651-1049.5 MHz oscillator, -50 MHz mixer and 15 watt power amp. Directional coupler

detects Reflected Power and provides monitor output for external meter circuit. RF passes through duplexer having identical receive/transmit sections each with two cavities. (Receive signal routed to separate AM-1955 receiver module.) Transmit RF then moves to second directional coupler which detects Reflected Power also with output for external meter. Wavemeter samples output RF for frequency measurement using calibration chart. Cathode current of each 7289 regulated by external 250 VDC, 650 VDC, 800 VDC, 5.7 VAC, 5.5 VAC. Schematic and info included. 8.9x11x16, 36 lbs shipping USED, \$65.00

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AM-1955B/GRC AMPLIFIER CONVERTER used with R-1148A/GRC-50 receiver for 600-1000 MHz band; 60 MHz IF. Uses 4037A/2C40A tube as oscillator; also 5654, 2/5842. W/ wavemeter & calibrate book. Requires 150 VDC, 6.3 V. 15x9.5x8, 30 lbs sh. \$30.00

100 to 225 MHz AMP

AM-912/GRC AMPLIFIER-MULTIPLIER plug-in for T-302/TRC transmitter; covers 100-225 MHz FM @ 100+ watts using 4X150A tube.



Controls Grid & Plate Tune and Amp Output Coupling. Requires +750 V, 200-350 V screen, and 6.3 V filaments; with schematic. 12x6x14, 24 lbs used, \$69.50

AM-915, 225-400 MHz; 4X150A, 4X150G. \$85.00 AM-1178, 400-600 MHz; 4X150A 4X150G. \$75.00

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AM-914/TRC AMPLIFIER-CONVERTER, plug-in for R-417 receiver in 225-400 MHz range. Continuous tuning of RF and oscillator; 30 MHz IF. Modify and use as down-converter! With tubes 5670, 4/6J4. Requires 150 VDC & 6.3 V. 7.5x6.5x9.5;

15 lbs sh. USED, \$35.

AM-1179/GRC, 50 to 100 MHz, used, \$39.50

AM-1177/TRC, 400 to 600 MHz, used, \$44.50

AM-3203A/TRC, 1.35 to 1.9875 GHz, used, \$49.50

HF Receiver Amplifier

HF Linear Receiver Amp, 2 to 30 Mhz dual channel solid-state unit amplifies RF signals for receivers to "pull in" the weak stations for the shortwave listeners. Each channel is capable of 1 to 1.5 watts with gain of 20 DB. Ideal basis for QRP projects, receiver preamps and exciters! Tuned circuits could be put between the cascaded channels. Each channel consists of plug-in modules: input bandpass filter, preamplifier, power splitter (2 emitter followers), power amp, and monitor amp. TO-5 style transistors; connectors are TNC but could be replaced with single hole mount BNC. Aiken mfg; schematic N/A. Requires 115 VAC 50-400 Hz; 3.25x19x19, 30 lb #AE-3300-42889, used-rep \$99.00



RF Amp / Preselector



TN-612/G Prepost Selector, consists of RF preselector and broadband power amp. Pre-selector operates in four bands 1.8-3.6, 3.6-7, 7-14, and 10-24 MHz.

Microprocessor-controlled unit has no front panel controls except ON-OFF and indicators for OV DE, OVL, ATT, BITE, TUNE plus silver-plated coils and 3-gang variable capacitor. Frequency is selected by twelve KiloVac HC-1 vacuum relays and nine mini-coax relays along with motor interface adapters. Relays actuated by driver transistors. RF power amp uses four transistors S15-28, T9-0664 and two MRF-466 as output amplifiers. P/o GRC-215 HF-SSB; no further info. Requires 115/230 VAC 50-60 Hz; 4.5x19x17, 46 lbs Unused, \$250.00

HF Pre-Post Selector

RF-551A PRE-POST SELECTOR highly selective bandpass filter for 2-29.999 Mhz



range functions as pre-selector for enhancing receiver signal reception or as post selector for reducing exciter output noise when used with 6 db pad (not supplied). 5-decade freq-control knobs & Hi-Lo Gain switch; N conn. Req. 115/230 VAC 47-420 Hz; 5.3x19x20, 36 lb used-nice, \$350.00; Manual, partial repro, \$20.00

UHF PRESELECTOR



F-1506/G UHF Tunable Band Pass Filter/Preselector covering 225-400 MHz dial tuned. Consists of Lark Engr. FX4000-089 filter with N conn in rackmount package. 5x19x18, 25 lbs sh. Used, \$95.00

FAA Transmitter

UHF Transmitter FAA We do not know anything about these except that they are exceptionally well built. Please see the pictures on our web site. Has output transistor MRF325 and driver transistor MRF321. Federal stock #5825-00-140-2735. Model AN/GRN-27. Part #917800-1. Radio Navigation. Mfg by Texas Instruments. 5.9x14x4.5, 11 lbs sh. Units are in good physical condition, untested. \$35.00



GRT-21/22 Transmitter



VHF Transmitter similar to above except uses MRF316, Units are in good physical condition, untested. \$35.00

T-1109 Transmitter from AN/GRT-22 Radio Set. Frequency coverage is 225-400 MHz AM in 3500 channels. The crystal controlled transmitter has 10 watts output. Associated amplifier is the 50 watt output AM-6155 listed on page 4 of our catalog. Requires 120/240 VAC. 18x19x5.3, 50 lbs sh., Used, \$49.95

T-1108/GRT-21 Transmitter same as above except 116-150 MHz in 680 channels. Associated amp is AM-6154. Used, \$50.00

Schematic Pack for T-1108/T-1109, \$15.00

T-195/GRC-19 TRANSMITTER, 1.5-20 MHz AM-CW-FSK; 100W max. Requires 22-30 VDC 42 A for dynamotor; less VU-meter, 135 lbs. used, \$225.00

CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

Aircraft Receiver

R-761/ARC-58 RECEIVER covers 2 to 29.999 MHz, companion receiver and exciter to T-730. Req. 115 VAC 400 Hz input. 7.8x10.3 x 23.5 55 lb used, \$135. SCHEMATIC, \$10.00



C-3141 CONTROL for freq-select; 6 lbs. USED, \$25. CONNECTORS for above \$7.50 ea. w/ set purchase



MODULES FROM AN/ARC-58 or TRC-75 radio sets. Each 4.8x4.5 x 1.5, 2 lbs sh. USED-not tested: AM-1523 AMPLIFIER DETECTOR, 4x 5899 tubes; p/o R-761, \$17.50

AM-1525 or AM-1733 ELECTRONIC CONTROL AMPLIFIER p/o T605/T-730 xmitter, \$15.00 ea

AM-1526, similar to AM-1523, \$17.50 ea

AM-1528 AMPLIFIER-MIXER for R-761 with ten tubes and slug rack, \$45.00; Schematic, \$3.

AM-1529 AMPLIFIER OSCILLATOR with Collins mechanical filter P455 Z1, \$28.00

CV-465B MIXER OSCILLATOR, for R-761; oscillators master 70H13A, interpolation, spectrum generator Mech filters F455 Q2 & Q3. \$55. Schematics, \$10.

CV-465C MIXER OSCILLATOR, \$75.00

MD-286A BALANCED MODULATOR with mechanical filters F300 Z4 and F300 Z5, etc. \$35.00

SG-179A/URC REFERENCE GENERATOR, \$35.00

ARC-60 ITEMS



R-508 AIRCRAFT RECEIVER, 118 to 148 MHz AM continuously tunable, but does not have dial; tuned remotely using control box with MC-215 flex spline (not available). 15 MHz IF; binding post & BNC antenna

connections on front. Tubes 12A6, 14A7, 14F7, 2/14R7, 9002, 3/9003. Same as R-19; p/o AN/ARC-60 & ARC-type 12. Requires 250 VDC 60 ma & 28 VDC. 6.5x5x11.8, 15#. Used \$20.

C-22 CONTROL 108-136 MC dial & crank. Used \$15

O-423/AR OSCILLATOR-RELAY provides 1 KHz tone for "whistle-thru" tuning of ARC-60. 3.9x5x2, 3 lbs. UNUSED, \$15.00



CV-431/AR FREQUENCY TRANSVERTER, p/o ARC-60 set: receives RF in 228-256 MHz range and converts them to 118-148 MHz for reception on R-19 receiver. Also transmits over 228-256 MHz AM on 8 crystal channels; 1/2 watt output. (Crystals not included.) With tubes 3/5763, 6201, 6360, 6939. Requires 28 VDC and +250 V. 4.8x4.8x11.5, 9 lbs. UNUSED, \$22.00

ARN-30D VHF Receiver

R-1021/ARN-30D VHF RECEIVER covers 108 to 126.9 MHz AM in 100 KHz steps (190 channels); original part of air navigation system. 1st IF 11.7-12.6 Mhz; 2nd 1.7 MHz. Electrically turned crystal turrets with frequency displayed on side panel. Adjustable squelch; 300 ohm audio out. 50 ohm input impedance; BNC connection. Tubes 5718, 5840, 5896, 4/5899, 5902, 6021, 6112. Requires 28 VDC 1.8 A and 260 VDC 85 ma. 5.5x11.4x4.6, 10 lbs. USED, \$29.95



BC-733 RADIO



AIRBORNE RADIO RECEIVER BC-733 is designed to operate at six fixed crystal-controlled tuned frequencies of 108.3, 108.7, 109.1, 109.5, 109.9, and 110.3 MHz. When tuned to any of these frequencies the receiver is capable of accepting CW radio frequency power, AM at 2 audio frequencies, amplifying and

delivering it as audio frequency power to a filter rectifier network where the two audio frequencies are separated and applied to an indicator. 13.4x5x7.1, 22 lbs sh. Used, \$59.50 Manual repro, \$12.00 DM-53-A Dynamotor less base for above, \$6.00

Sonobuoy Receiver

R-1170/ARR-52A VHF RECEIVER 162.5-173.5 MHz AM, FM and video using 31 crystal-controlled channels. Solid-state sonobuoy receiver consists of five plug-in modules; 26 MHz 1st IF, 5 MHz 2nd IF. Conversion possibilities for 2 meters, VHF weather, satellite TV, etc. (See Oct '74 CQ Mag.) Requires external control and 18 VDC. 7.5x2.5x10, 9 lbs. USED, \$19.95. SCHEMATIC, \$4. w/ set. MANUAL, partial repro, \$15. w/ set.



ARC-51BX UHF TX-RX



RT-742/ARC-51BX UHF AIRCRAFT TRANSCEIVER, 225-399.99 MHz AM in 3500 available channels, 50 KHz spacing; also has guard channel. Output 16 watts min. RF impedance 52 ohm input & output. Audio and mic impedance 150 ohms.

Doesn't include ID-1003 SWR indicator; separate control box necessary for function & freq-selection. W/ tubes 4/ 7077 and 4/ 7544; requires 27 VDC 13 amps. 7x9.5x15.1; 35 lbs. USED, \$150.00

ARC-109 Transceiver

RT-749/ARC-109 UHF AIRCRAFT TRANSCEIVER, solid-state Collins unit operates on 225-399.95 MHz AM, DSB and A3 phone @ 30 watt min. 3500 available channels in 50 KHz intervals plus 243 MHz guard channel. Uses 4631 tube in P-A; 150 ohm audio/mic impedance. C-6364 control necessary for channel select; cables & racks not available. Replaced ARC-27-34-51-52. Requires 115 V 400 Hz 3 phase. 6.8x9x16, 29 lbs. Used repairable, \$350.00 SCHEMATICS f/RT-749, repro, \$12.00



C-6364/AR CONTROL, used, \$45 w/set purchase.

FM TRANSCEIVER



MAGNAVOX FM-622 (RT823/ ARC-131) Airborne Transceiver, covers 30-76 Mhz FM in 920 channels, 50 KHz steps. Output 1 watt in LO; 18 W max HI @ 29 VDC RT has Squelch Disable & Adjust, Test switch. Meter monitors +24 V-+16 V-AGC-RF FWD- RF REFL-OFF. Control box provides channel select, Volume, Squelch, OFF-TR-

RE-TRAN HOME switch. Has some modules common to RT-524/VRC-12. Requires 24-29 VDC 4 amp max. Rack & cables are N/A. 7.8x5.9x15.6, 31 lb used w/control box, \$250.00

COLLINS 618T



COLLINS 618T-2 SSB AIRBORNE TRANSCEIVER, 2-29.999 MHz SSB-AM-CW in 28000 channels. Power output: 400 watts SSB-PEP 125 W AM-CW; 52 ohm output imp. Sensitivity SSB: 1 uv for 10 db S+N/N. Selectivity

SSB: 2.85 KHz, 6 db down; 6.0 KHz 60 db. Audio input: 600 ohms. Uses two 4CX250's in P-A. Switch & meter monitor internal power. Separate control necessary for channel select. Racks & cables not available. Requires 115 V 400 Hz 3 phase 1 KVA & 1 phase 160 VA; also +27 VDC 4.5 amps. W/ manual repro; 7.6x10x22.2, 58 lbs. used repairable with K9 osc, \$495

#618T-3, like above but requires 28 VDC 35 A and 115 V 400 Hz 1 phase 100 VA. USED, \$600.00

MODULES FROM COLLINS 618T HF TRANSCEIVER, as removed from equipment--not tested:

AM AUDIO AMP #546-6053, has mech filter F500 Y60 (526 9378); 2 lbs sh. \$40.00

IF TRANSLATOR #544-9286, has LSB-USB filters F500 Z4 (526 9377) & Z5 (526 9376), \$65.00

KC- FREQUENCY STABILIZER, has mechanical filter F250 F100 (526 9410) and crystal filter X250KF440 (526 7006); 3 lbs sh. \$35.00

RF TRANSLATOR with K9 oscillator, 15 lbs., \$200.

618T RF REFERENCE OSC. MODULE, includes 3 MHz crystal oven which is divided to 500 KHz output, amplified and then divided again to produce 100 KHz output. 4.3x6x2.7, 2 lbs sh. #528-0251-005, used, \$35.00

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RT-712/ARC-105 HF TRANSCEIVER, pressurized 618T2; modules interchangeable. Covers 2 to 29.999 MHz SSB-AM-CW in 28000 channels. Front has hour meter, C and BNC connections. Separate control needed for freq-selection. Connectors not available; same power input as 618T2 10.5x 11.5x23, 70 lbs. used, \$325



SSB HF TRANSCEIVER



RT-594/ARC-38A AM-LSB-USB HF TRANSCEIVER, 2.0 - 25 MHz using 20 preset channels with autotune channel change. Stabilized master oscillator allows possible

35250 channels in intervals 500 Hz (2.0-7.25) and 1000 Hz (7.25-25 MHz). Output 100 W PEP < 14.25 MHz; 90 W > 14.25 MHz. SSB sensitivity 1.5 uv for 10 DB S+N:N. Selectivity 3 KHz min 6 DB dn; 8 KHz max 60 DB. Has 25 tubes with 3/ 6159 in P-A. Requires +28, +600, +250, -50, -65 VDC & 6.3 VAC; Also 115 V 400 Hz for selsyn on inductor. 15.5x8 x25, 80 lbs. USED, \$175.00 Manual, repro, \$22

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COLLINS 618S1, similar to RT-594/ARC-38A except not SSB; crystal-controlled (no VFO). USED, \$75.00 SETTING BOOK for C-1398/C-3428 control, repro, \$10

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COLLINS 180L3 AUTOMATIC ANTENNA COUPLER for use with ARC-38 or similar radios in 2-30 MHz range @ 50-180 W. Automatically resonates antenna to radio frequency and couples RF. Includes 7-1000 pf 3 KV vacuum variable capacitor & 28 uH variable ribbon inductor; UHF connector. Requires 28 VDC 3 amps, 250 or 400 VDC 5 ma & 115 V 400 Hz 20 VA. 10.5x7.8x11.5, 24 lbs sh. Used, \$90.00 Manual repro, \$15.00



PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

2-12 MHz USB 100 Watt



RT-671/PRC-47 HF TRANSCEIVER, 2 to 11.999 MHz USB (voice and CW+800 Hz) in 1 KHz steps.

Output 100 watts PEP (Hi) or 20 W (Lo). FSK possible with accessory converter (not available). Transistorized except for PL-177WA tube in power amp and 5907, 7761, and 7905. Has 5-place mechanical digital tuning, P-A Load and Tune controls, and XMTR Output Meter. Designed for field or vehicular use; operates from either 24 VDC 20 amps or 115 V 400 Hz. 7x21.3x13.5, 45 lbs. USED, \$150.00

MANUAL for PRC-47, partial repro, \$25.00

AS-1321 LONG-WIRE ANTENNA, 3 lbs., \$15.00

H-33/PT HANDSET, used-checked, \$17.50

LS-166 SPEAKER, Unused, \$25.00

CX-8396 "Y" CABLE for H-233 to RT, \$8.00

CX-8393 50 ft AC Cable, \$12.00

CX-8395 Battery Cable, \$8.00

BACKPACK FRAME only with harness, \$12.50

BB-451 SILVER CELL BATTERY, 24 VDC 25 AH for PRC-41/47, 15 lbs sh. UNUSED, \$225.00

CY-3700 ALUMINUM TRANSIT CASE, 65 lb \$28.00

PL-177WA TUBE USED STT, \$25.00

MODULES from RT-671/PRC-47 transceiver. Used not tested:

AM-3506 AUDIO AMP has mic, sidetone, vox and compressor circuits of TX; AGC & audio for Rx. Requires 20 & 24 VDC. 4.3x4.3x2.8, 2 lbs. \$15.00



AM-3507 AMPLIFIER MODULATOR contains LSB 500 KHz mech filter F500-Z5 (#526-9376) plus balanced modulator and product detector. Requires 20 VDC; 4.3x4.5x1.3, 1 lb. \$35.00 Connector set \$6.00

C-4311 CONTROL OSCILLATOR, 3 lbs. \$25.00

CV-1377 SIGNAL DATA TRANSLATOR with tubes 5907, 7761, 7905; 5 lbs sh. \$50.00

O-1032 RF OSCILLATOR contains 3 MHz crystal in oven; produces 500 and 100 KHz outputs. Requires 20 VDC; 4.3x4.5x1.3, 1 lb sh. \$20.00

PP-3518 POWER SUPPLY, 16 lbs sh., \$25.00

PRC-41 MANPACK



RT-695/PRC-41 UHF MANPACK UHF TRANSCEIVER, 225 to 400 MHz AM in 100 KHz steps counter; output at least 3 watts over range. Also has guard channel, Volume, Squelch, and U-77 connection for H-33 handset. Solid-state except for tubes 6442, 4/7077, and 4/7544. Requires 24 VDC 3 amps; 14x11.3x4.5, 22 lb. used repairable, \$149.50

MANUAL for PRC-41, partial repro, \$20.00

H-33/PT HANDSET, used-checked, \$17.50

MT-2977 VEHICLE MOUNT for PP-3700, 4#, \$9.00

PRC-25 Backpack Radio



RT-505B/PRC-25 TRANSISTORIZED BACKPACK TRANSCEIVER, 30-75.95 MHz FM in bands 30-52.95 MHz (Lo) and 53-75.95 MHz

(Hi) with 50 KHz spacing. Output: 1.1 to 2.0 watts; 150 Hz squelch. Transistorized except 2DF4 tube in power amp. Requires 3 VDC 400 ma and 15VDC 1.4 amp supplied by BA-4386 battery. RT-505B has modified A25 audio module for broadband use with C-7673/PCC-1 and CU-2194 diplexer. 4x11x14, 18 lb USED-complete, \$300.00

MANUAL for RT-841/PRC-77/25, partial repro. \$20.

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AT-892/PRC-25 RIBBON ANTENNA, used, write

AB-591/PRC RUBBER BASE for AT-271, used, \$7.

BA-4386/PRC BATTERY f/ PRC-25-77, "weak" 3/\$5.

BB-5598 BATTERY, 1995 X-date (no UPS or air), \$4

CW-503/PRC ACCESSORY BAG, used, \$7.00

H-250 HANDSET or = for PRC-77/25, USED, \$18.00

Original Op's Manual f/ PRC-77 & AM-2060, \$15.00

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AN/GRM-55 TEST SET, used to check test points

in modules of RT-

505/PRC-25 transceiver

and to isolate circuit

problems. (Indirect tests

only of modules A2, A12-

13, A19-20.) Includes TS-

1755 test unit, MX-4622 probe, CX-8593 cable assy

and CG-409 BNC cable. Requires 12.5 VDC 1 W

per 5 sec test. 5.5x7x8, 10 lbs sh.

GOV'T RECONDITIONED, \$54.50



6 METER DIPLEXER



CU-2194/URC DIPLEXER, passive two-port notch filter and combiner network; allows simultaneous use of two transmitters, receivers, or transceiver on a common antenna

provided that operating frequencies are slightly offset. Usable over 30-76 MHz FM for use with

PRC-25-77 & VRC-12 transceivers; will work commercial 6-meter equip. Has NULL METER, TUNE

controls, Fine-Coarse-Monitor MODE Switch and

RT1-RT2 BNC connections. Unit may function as

man-portable relay terminal. Maximum RF power

to each channel: 65 watts continuous.

Operational isolation: 45 DB min @ 2 MHz separation.

Insertion loss: 2 DB max; VSWR 2.0:1 max.

4x11x7, 10 lbs. shipping. UNUSED, \$69.50;

ORIGINAL MANUAL, \$10.00

PRC-6 Handheld

RT-196/PRC-6 FM TRANSCEIVER, Israeli 1950's vintage single-channel crystal-controlled in 47 to 55.4 MHz range. Output good to about 1 mile depending on terrain and weather conditions. Handheld unit has push-to-talk switch, Volume Control, ribbon antenna, carrying strap and connection for H-33 handset. Uses CR-23 crystal (not included). With tubes 6/ 5678, 3B4, 3/5672, 2/5676 and 2G21. Requires 1.5, 45 and 90 VDC usually supplied by BA-270 battery (not supplied). 15x5x4.5, 6 lbs, used, \$99.50

Original Manual for PRC-6, \$10.00

CRYSTALS for PRC-6, specify 1st, 2nd and 3rd choices of desired working frequency, \$8.00 ea.



PRR-9/PRT-4 Radios



GOV'T-RECONDITIONED each single channel with crystal for 51 Mhz FM: #PRR-9 RECEIVER with earphone, antenna, & operator manual. Requires 5 V 25 ma battery power; 7x3.5x1.5, 3 lb. \$40.00

Manual repro for PRR-9/PRT-4A, \$15
Horn speaker for PRR-9 Unused, \$5.

AN/PRR-9 (XE-9) SET, updated PRR-9 with "squelch"; requires 3 VDC input from BA-4534 battery (not available). With AS-1998 ant, earphone, lanyard & operator's book; 6 lbs sh UNUSED \$89.50

AN/PRT-4 w/ antenna & battery box, Used, \$20

AN/PRT-4 "AS-IS", less crystal, antenna, and battery box; for parts or experiment, \$8.00



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ID-1189/PR CHANNEL ALIGNMENT INDICATOR for testing AN/PRR-9 helmet receiver and PRT-4 transmitter. 47-57 MHz FM signal generator; checks both sets' batteries. Operating info & probe included in cover; 12x11.5x6, 16 lbs used \$65.00

PRC-75 Radio

RT-976A/PRC-75 UHF TRANSCEIVER, rugged handheld ground-to-air tactical synthesized radio covers 225 to 399.95 MHz AM-CW in 50 KHz steps (3500 channels). Power

output >1 watt. Has three thumb operated dials to set frequency; design frequency accuracy 1 part / 100000. Also has 1000 Hz audio beacon-DZ tone. RF input 50 ohms; audio output 600 ohms. Requires 18-30 VDC from battery pack (not supplied); no accessories; 1.6x4.3 x8, 6 lbs. Look nice, complete but not working, \$125.00



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AS-2447/PRC-75 RIBBON ANTENNA, fastens to RT-976/PRC-75 225-400 MHz handheld transceiver; 14.6"L. snap fasteners. NEW, \$10.00

UG-1884/PRC-75 ANTENNA ADAPTER, allows for BNC coax antenna connection. NEW, \$9.95

SEM-52 Handheld



German-made unit can operate on six preset channels (2 supplied) in 47- 56.975 MHz FM range @ 300 MW; 25 KHz spacing. Has Off-On-Squelch (AUS-EIN-RSP), Volume & Channel (KANAL) select. Requires six AA-batteries.

Includes RT, 35" ribbon antenna w/ flex base, "web" head-set-mic and carrying bag. May not comply with FCC regulations. 7.1"Hx 3.4"Wx1.5"D, 4 lbs shipping. used-clean not-tested, \$125.00

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DUAL UHF CAVITY



DUAL SILVER-PLATED UHF ANTENNA COUPLER CAVITY part of system which allowed four receiver/transmitters (140 W) to use single antenna. Each cavity 14.5" Lx6" dia has quarter-wave variable stub (0.2" per turn X 28 turns) over 225-400 Mhz. Input & output loop-coupled; cavities aperture-coupled. Also 8 tracking slugs. Unloaded Q = 4000, loaded Q 700. Insertion loss 2 DB. (We attached a disk to the moving stub which reduced frequency to below 140 Mhz.) Unit has electro-mechanical drive for 19 preset and one manually selected frequency. With weather-tight aluminum cover. Requires 28 VDC, 6.3 VAC, 115 VAC 60 Hz for motor and chopper. 15x9.5x24, 45 lbs #CU-SRA-33, used w/info, \$49.50

C-4586/SRA-33 CONTROL-POWER SUPPLY with cable for above, 45 lbs. USED, \$75 w/set purchase.

AN/SRA-33 COUPLER SET in heavy aluminum frame. Includes four cavity-coupler units, power supply, cables, RF selector switch, four power meters & manual. 48x22x27, 350 lbs. USED, \$225.00

MANUAL for SRA-33, partial repro, \$15.

490T-1A COUPLER



COLLINS 490T-1A (CU-1669A) AUTOMATIC ANTENNA COUPLER for 618T and similar 2-30 MHz transceivers; rated RF input 630 W PEP, 200 W average. Matches 25 ft or longer whip or 25-100 ft long-wire antenna to 50 ohm line. Terminal for wire and "C" coax connection. Has 5-500 pf 10 KV vacuum variable capacitor and variable step-coil. Requires 115 V 400 Hz; 7.6x 10.1x12.6, 24 lb used not tested, \$450.00

H.V. Power Supply

PP-638 High Voltage Power Supply. Part of TRC22/28 and supplied 1100 VDC 325 MA, 230 VDC 60 MA, OR 225 VDC 40 MA. 6.3VAC 5.2 amps. Power input 115/230 V 60 Hz. Contains three transformers each has 115/230 v primaries. Secondary TR1, 2500 VCT 450 MA, TR2, 5 VCT 10 Amp, TR3 6.3 V 10 Amp. Also has motor type time delay, various relays and control circuits. Plate voltage meter, plate current meter and test meter. Tubes 2/3B28 6y6G keyer. With Schematic and info. 225 lbs sh. Cannot be shipped UPS. Unused \$350.00; Used good condition \$250.00; Original manual \$12



600W POWER METER



ME-165/G STANDING WAVE-RATIO POWER METER, designed for use with T-368 400 W transmitter; uses 12/ 600 ohm 50 W non-inductive resistors in parallel to provide 52 ohm 600 W load with SWR of 1.1:1 or less upto 30 MHz. Has 0-600

Watt meter, function switch Power-Adjust-SWR-Operate, & N connections. Flanged on back for wall mount. 1.5x9.8x9.8, 20 lbs
GOV'T-RECOND, \$125.00; Manual, repro \$8.50
ME-165/G, USED-GOOD-looking, complete, \$45.00
ME-165 (or =), USED-POOR-looking, \$25.00

PRC-90 TEST SET

AN/PRM-32A RADIO TEST SET for AN/ PRC-90 UHF & PRC-106 VHF survival radios. Requires one radio as receiver and another as transmitter. Tests 243 MHz frequency for beacon, transmitter MCW-voice and receiver outputs. Also Tx-Rx voice outputs for 282.8 MHz (PRC-90) and 121.5 MHz (PRC-106), earphone & battery test. Has 1.8" square meter with Red-Green scale, TX-Rx connector adapters for hook-up & operator's info. 3x 5x4, 3 lb Used, \$27.95; Manual repro, \$8.50



MILITARY BATTERIES



NOT RECHARGEABLE:
BA-40 for BC-620/BC-659 receive section, +90 and +1.5 V; 6 lbs weak \$4.50

BA-48 for Rx section of RT-77/ GRC-9; 6-CD & 60 A-cells, 1.5 & 90 V. 10x2.2x4.8. 8 lbs Weak \$4

BA-314 for PDR-27F, 45 FL-3 cells, 67.5 VDC; 6/81 date. 2.8x1.3x2.5; 1 lb., \$1.25

BA-416 for PDR-27C, +22.5-67-90-135 V; 10/84 date. 4x3x2.8, 2 lbs sh. \$5.95; "Weak", 2/\$4.00

BA-4386 for PRC-25-77, 12.5 VDC; 3/80 date. 3.5x9.5x2, 3 lbs sh. "WEAK" only, 3 for \$5.00



Rechargeable Nickel Cadmium Battery for PRC-68/68B/ 126/128 radios. 15 Volts 0.80 AH at 0.16 A. Date Code: 11/89. 1.5 x 4.3 x 4, 3 lbs. #406870-1 Unused, \$32.50

Military Nickel-Cadmium Battery Pack, four D-cell batteries in plastic pack produces 4.8 V 3.2 amp-Hr; 3/80 date code. 3.5x5.5x1.5, 3 lbs. #4D2704, 3 for \$7.00

PRC-77/25 Battery

BB-5598 LITHIUM BATTERY for RT841/ PRC-77/25 radio; output 12.5 VDC. Two BB's fit RT battery box. Has discharge switch to make non-reactive after final use; 1995 expire date. Class 9 hazardous item; USPS Shipping ONLY. 3.5x4.8x2.1, 2 lbs sh. Unused, \$4 ea; 2/\$6.50; 24/\$60



BB-490 Battery/Charger



Lead Acid Battery Pack with Charger, consists of two BB-490 military batteries each rated 24VDC (2x12 VDC) 1.8 Amp- Hrs @ 0.35 amps; AM5-H6 charger fits on top of BB-490 or similar batteries and shows "charging" and "ready" on LED indicators. MPS-CH2 charger power supply output 16VDC 1.5 A from 115V 60 Hz input. BB-490 used in PRC-104-117, etc. radios; 4.3 x 5 x 2.5. Kit 9 lbs sh. New, \$19.95; 3 for \$50.00

GRC/PRC Battery Test

AN/PSM-13 BATTERY TEST SET; checks GRC and PRC-type battery packs BA-270, -279, -376, -377, -4386/ 398/ PRC-25, -399, and -505. Meter indicates BAD-GOOD (FS=1 MA). With adapters U-240, -241, -314, -315, -347, -410 & canvas case. 7 lbs. USED, excellent, \$24.95



BATTERY BOXES

CY-7541/PRC-104 BATTERY BOX, plastic box clips onto PRC-104 backpack radio set and will hold 16 silver-zinc (or =) batteries that provide 20-32 VDC. Side unscrews to insert batteries; 3.8x12.5x2.6, 4 lbs unused, \$35.00



AA-BATTERY BOX for Trimble Navigation Trimpack GPS receiver. Clips onto & allows operation of GPS from 8 - AA batteries (not included). 1.6x 6.5x1.5; 1 lb. #GPS-13828-00, NEW, \$22.00

CY-6327A battery box for PRC-66 backpack transmitter. 2.6x10.5x5, 3 lb unused, \$14.95



Canvas Bags & Covers

BAGS & COVERS may be used or unused. May have minor wear, tears or discolor:

SHOULDER BAGS with adjustable straps; USED:
BG-175, 10x8x10.5, \$6.00
CW-189, 10x9x10, \$5.00

ANTENNA ROLL BAGS for most sections, used:
BG-56 for MS-49 thru 56, \$14.00
BG-174 for MS-116 etc, \$7.50
CW-206 for MS-116 etc, \$7.00

GRC/VRC EQUIPMENT COVER
CW-140 for GRC-9, used, \$10.00
CW-329 for GRC-3-8, NEW, \$8.00

6' Strap 1.5" wide with spring clip. #S-6, Unused, \$5

Radio Cables & Connectors

CX-4720/VRC DC Cable, 10 feet. \$12.00
CX-4722/VRC Control Cable, 5 feet, \$10.00
CX-4723/VRC Control Cable, 1 foot, \$7.50
CX-7867 AUDIO CABLE, 25' U-229 /-228, \$10.00

CX-10526 35" long two conductor 8 gauge cable with a standard GRC 4 pin female connector for T-195, GRC-106, etc. on one end going to two battery terminals on the other end. The 4 pin connector is a commonly used on many GRC equipment for power in. 2 lbs sh. Unused, \$14.00



GRC/VRC MALE CONNECTORS, specify type and equipment used. USED-cut-offs:
Strain type, \$7.50 each; Crimp type, \$3.50

AUDIO CONNECTORS: U-77, \$4.00 U-229, \$5.00

MIL SPEAKERS



GRC/VRC SPEAKERS have 4" dia cone, large PM magnet & 600:8 ohm transformer in cast-aluminum case w/ cable & audio plug. 5x5x3.3, 5 lb Used:

LS-454 w/ U-229 for PRC-25-77, \$18 unused, \$26.00

LS-166 with U-77 plug for R-392, GRC-3--8, unused \$25.00; Bracket, \$3.00

LS-445 4" SPEAKER, ruggedized 8 ohm 2 W permanent magnet type; 300-7000 Hz response. Pull out of LS-166; 3 lbs. USED \$7.95

AM-6747/V AMPLIFIED SPEAKER for monitoring audio of R-442, RT-246/ 524 radios from remote location. Connection for H-189 or H-250 handset to allow remote keying of transmitter. Requires 28 VDC; can be modified for 12 VDC. Similar to AM4979; 5.6x5x3 + 2" top bolt; 6 lbs. UNUSED, \$35.00



AM-4979/GRC, similar to AM-6747 except has 6 ft cord with U-229 plug. USED-CHECKED, \$30.00

AM-4949/U AMPLIFIER, a microphone amp in vehicle intercom systems using VRC-12 radios. Usable with M-80 mic, H-189/250 handsets, H-161 headsets or similar. Two connections for U-229 plug, Volume, ON-OFF, and power light. Requires 28 VDC; 4.5x4.5x3, 5 lb. unused, \$22.50



MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

MILITARY INTERCOM

AN/MIQ-1(V)3 INTERCOM and/or Radio Remote Control Panel. Part of mobile or field communications control system.



Appears to be a recent issue. Has 14 lighted push buttons to select designated inputs and outputs. Front panel mounted headset connectors which accept U-77 plugs. Has three multi-pin Bendix type connections mounted on the side. One 10 pin female, one 15 pin female, and one 32 pin male. 10.8x10.9x3.8, 17 lbs Used, \$39.95

C-375 CONTROL



Control box for radio sets GRC-3--8 or VRC-8--10. Unit is a remote junction point and switching unit for the control and audio lines to two sets. 3.2 x 6.8 x 7, 6lb, unused, \$22

C-375 and WM-46, Ten Conductor #14 Control Cable for C-375 and other GRC radios. 30 foot, 16 lbs, unused, Both \$42



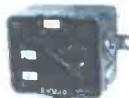
REPEATER CONTROL



MX-9331/URC provides the data regeneration and radio control capabilities required in a digital secure voice tactical radio repeater station. It requires low power input, making it suitable for portability and battery operation. It operates in push-to-talk VHF and UHF transceiver radio nets and provides an automatic retransmission function without operator intervention. Operating with encrypted digital signals, the unit recognizes a valid received digital input from one of the two radios, accomplishes timing recovery and data regeneration, and keys the transmitter of the repeating transceiver. 9.8x6.2x3.1, 8 lb, used, \$40

CONTROL BOXES

C-2298/VRC INTERCOMMUNICATION CONTROL used in RT-524/VRC installations with AM-1780 amp; monitors three radios A-B-C. Volume control and two connections for U-229, 5.8x4.5x3.3, 4 lbs sh. USED, \$20.



C-434 LOCAL CONTROL p/o GRA-6, used, \$24.00
C-435 CONTROL for duplex GRC-3--8; used, \$15.00



C-87/ART-13 Control Box for ART-13 transmitter. Has 11-position CHANNEL selector, OFF-VOICE-CW-MCW select, PTT button and IC jack. 3.5x6.3 x3.3, 3 lbs. UNUSED, \$16.50

SB-327/ARC CHANNEL SELECTOR 24-51.9 MHz FM in 100 KHz steps on 3-digit counter; used with RT-294/ARC-44 Tx-Rx. 3x5.8 x4.5, 3 lbs sh. used, \$15



SA-474/AR SWITCH BOX, \$7.00



BC-366 JACK BOX, switch "Comp-Liaison-Command-Inter-Call", Increase Output pot, 2 phone jacks. 3.3x4.8x3, 2 lb, used, \$7.95

RM-52 REMOTE CONTROL for radio and intercom set. Has transformer, mic & phone jacks. Source for "Macy's Phone Patch" project. 7.3x3.5x5, 5 lbs. USED, \$4.



BC-1361 SWITCH BOX, p/o RC-298 interphone kit for SCR-528/628 radios in Sherman tanks. With Call light, Field-phone terminals, On-Off & Signal switches; 6.8x5.4x2, 4 lbs sh. UNUSED, \$8.00

BC-631 JACK BOX remote audio control for SCR-522; 4x2.5 x2.4, 2#. NEW \$5.



Radio Mounts



MT-1029/VRC Vehicular Mount for RT-246 & RT-524/VRC -12 transceivers 5x12.5x16 19 lbs. USED, \$29.50; GOV'T-RECONDITIONED, \$45

MT-1898/VRC MOUNT for companion R-442 receiver 5x6x12.3, 15 lbs. USED, \$25. RECOND, \$32.00

MT-327 MOUNT holds one RT-66-67-68, one R-108-109-110, one PP-109-112; 32 lbs sh. USED, \$28.00

MT-6147/ARC-164 MOUNT, retrofit ARC-164 into ARC-34 mount. Rear rack connector & front plug for ARC-164. 5x13.8x11, 11 lbs. USED, \$25.00

MT-299/VRC-10 Rack with junction box. Cables on the junction box are CUT OFF! Holds one RT-66, 67, or 68 and one PP-109, or 112. 35 lbs. Used, \$30

FT-237 Mount for BC-603/604 from the SCR-508 radio system. 13.2x35x4.4, 48 lbs sh. Used, \$75.00

MT-3114 Shock & Vibration Mount for R-1051, RT-618, AM-3007 and similar Navy radios. 19.8"W x 16.5"D top & bottom aluminum platforms w/ four large rubber piston shock absorbers good for 200 lbs; Barrymount*; 16 lbs sh. UNUSED, \$25



Carrier Monitor



Unit is used for remote check of xmitter operation. Good parts including 600 VDC 35 ma transformer; tubes 0A2, 6AL5, 6J6, 6X4; 600:600 ohm AF xformer, DPDT & SPST toggle switches two 49 pf trimmer caps, etc. LESS 3 pf 15 KV vacuum capacitors 6x8.5x6.3, 12 lbs sh. #CAR-MON-87, unused, \$5.95
#CAR-MON/VC, above with vacuum capacitors, \$15

BC-620 / 659 Accessories

M-399 ALIGNMENT ADAPTER for BC-659 transceiver; allows changing of crystals and alignment of the set without the use of an external meter. Mounts inside the BC-659. 2 lbs sh. \$5



M-394 Adapter f/ BC-620, \$5.00

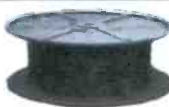
ALIGNMENT TOOLS for BC-620/659: TL-150 or TL-207, \$5.00



MC-124 20" TUNE SPLINE, \$10.00
MC-136, RIGHT ANGLE, \$4.50
MC-203 T adapter for MC-124, \$7.50

FIELD WIRE

WD-1A/TT FIELD WIRE by French mfg. on DR-4 steel reel; 5200 ft twin lead vinyl covered steel wire for EE-8, TA-43/312, TA-1, TA-838. Reel 20" dia; 70 lbs. sh UNUSED, \$125.00



TERMINAL BOX



The TA-125 Terminal Box is a small, light weight, weatherproof unit which contains 4 rows of 12 push type binding posts and 2 rows of 24 pin type jacks. The cover is hinged at one end of the box and secured in the closed position by a spring-loaded latch at the other end. The terminal box provides a quick and easy method of monitoring, testing, and patching telephone, teletypewriter, and other circuits in forward field areas. Also, serves as a small main frame for Switchboards SB-22/PT and SB-86/P. 13.8x5.5x2.4, 8 lbs sh. used, \$19.95

Sound Power Phones



TA-1/PT TELEPHONE, sound-powered unit requires 2-conductor field phone wire connected to another TA-1 for communication without batteries. Palm-operated generator provides approx 100 V to "buzz"- signal another phone; also visual indicator. Has coil cord with push terminals for wire hook-up and plastic carrying case. 8.5x3.5x3.5, 4 lbs shipping. USED-CHECKED, \$35 ea. 2 for \$60.00
UNUSED, \$55.00 ea. 2 for \$95.00

TA-312 Field Phone

TA-312 FIELD TELEPHONE rugged light-weight unit replaces famous EE-8 field phone and is usable with them. Includes G-42 crank generator, BZ3 clacker call signaler, H-60 handset, and canvas carrying bag w/ strap. Requires 2 D-cell batteries (not supplied.) 12x7x4, 12 lbs. USED-CHECKED, \$75. MANUAL for TA-312, partial reproduction, 8.50



TA-838 FIELD PHONE

TA-838/PT MILITARY FIELD TELEPHONE has push-button numeric tone pad and is designed for 2- or 4-wire communications; replaces old EE-8 and TA-43/312 field phones. Ringing signal audible only in 4-wire hook-up. TA-838 also operates over standard telephone lines but won't ring. Rugged thermoplastic construction; requires four C-cell batteries. 6x9.8x5, 8 lbs.
USED-CHECKED, \$69.50; Ops MANUAL \$10.00



TA-341 PHONE

TA-341/TT TELEPHONE SET push-button 4-wire unit for use with tactical switches using four C-cell batteries; usable in conventional point-to-point telephone line (plug may need changed) Range >3.2 km. Signal out 900-3400 Hz digital tone; 90 V 20 Hz signal in. W/case; 4.5x10.5x10.5, 10 lbs. shipping USED, \$27.50



TA-954 PHONE

TA-954/TT NON-SECURE DIGITAL VOICE TERMINAL used in Tri-Tac comm-system; 4-wire set xmits and receives diphase-modulated digital voice & loop signaling info at 16K or 32K bits. 125 ohm line impedance 125 ohms; range 4 km using WF-16 field wire (no stock). Requires 24-56 VDC. Also operates over standard telephone lines but won't ring. Tone pad characters 0-9, FO-F-I-P-R-O-C; also Volume L-H Ring - Receive & H-250 handset. Plastic case EMI/ EMC static protected. 7.3x4.5x10, 8lb used-reparable \$50



Manual Switchboard

SB-993/GT Manual switchboard, designed for quick "connect / disconnect" of up to six battery or sound-powered field phones (such as EE-8, TA-1, TA-43/312) plus and operator unit. Consists of seven U-184/G terminal plug-jacks that plug into "stack" onto rear of another U-184. Active lines make neon lamp in U-184 "glow". Also includes MT-2156/GT metal case; 1.3 x 12 x 3, 6 lbs sh. Unused, \$24.95



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MAST SECTIONS



3-FOOT MAST SECTIONS (left), WW-2 & Korean War

vintage: painted copper-coated steel. Sequentially screw into the other; 3/16" dia MS-49 top section the smallest. Self-supports to 15 ft; MS-53 can fit into another MS-53; 1 lb sh. **May have surface rust;** MS-49-50-51-52-53, used \$3.00 ea BG-56 canvas bag, \$14.00

+++++
MS-116-117-118 MAST SECTIONS, each 39.3"L. MS-116 is stackable bottom section, MS-117 middle and MS-118 tapered top; fit AB-15, AB-652, MP-65 & UG-558 bases. 1 lb ea. Used, \$3.50 ea; Unused \$5.50 ea

AB-21-22-24-MAST SECTIONS, similar to MS-116-117-118 except 27" length each. AB-21 is bottom & stackable section; 1 lb each. used, \$3.25 ea

+++++
GRA-50 ANTENNA MAST KIT f/ GRC-106A radio; includes 3 each MS-116 and 1 ea MS-117 & MS-118 sections, AB-652 base, polyethylene cover sheath & CW-206 roll bag; 18 lbs sh. USED, \$35.00



2 1/2 foot Wood Guy Stake from the popular AB-155 forty foot mast kit. Four stakes were a part of the mast kit. 1 1/2 inches diameter. Has a protective metal ring around the top. 3 lbs sh. Used good condition, #WGS-30, \$4.00 each; 4 for \$12.00

MX-381/GRA-4 GUY ROPE, 40 ft long; 3/16" nylon 800 lbs-test; w/ hooks & insulators, used, \$4.00 MX-382 31 ft, \$3.00; MX-383, 50 ft, \$5.00

MAST BASES

AB-154/RC-292 Swivel Base with Base Plate. Used with AB-85 and MS-44. This assembly consists of a yoke and clevis pin. The lower mast section is placed over this tubular section. The yoke and clevis pin allows the mast assembly to be lowered to the ground by pivoting about the stake. The base plate has three cleats for fastening the guy ropes. 5.5 x 6 x 17, 3 lbs sh. #AB-154-PL, Used, \$12.95



AB-15 MAST BASE for MS-116-117-118 or AB-21-22-23-24 masts; rubber flex spring with 3.3"Lx3" dia ceramic insulator & bottom terminal. Mounts in 2" dia hole. O/a 15"L, 3 lbs sh.

Used with small chips in the ceramic insulator, \$8.00 Unused with no chips, \$30.00

MP-65 MAST BASE, similar to AB-15 except 4"L x3" dia insulator; o/a 17"L; 4 lbs sh. USED, \$12.00

UG-558 BASE for MS-116-117-118; mounts to SC-D-189023. 16"Hx6"dia; SO-239 conn. USED, \$10.

MP-68 MAST BASE, makes ground plane antenna when used with combinations of AB-21-24 or MS-116-118 whip masts installed as three radiating elements plus one vertical. Has center 3" dia ceramic feed-thru insulator with UHF connection and sockets for elements. Clamp on bottom allows installation on top of 1.6" dia masts like AB-35 (RC-292) or MS-44 (AB-155). 13"Hx5"Wx5"D, 5 lbs Used, \$29.95



IN-127 ANTENNA BASE holds 3/MS-116 & 1 each MS-117-118 for RT-77/GRC-9; 14.5"L black plastic. 2#. USED \$12.

IN-106A BASE for MS-56 mast; clamps to SCR-284 WW-2 radio. Top & bottom terminals; brown plastic, 14"Lx3" dia, 3#. \$8

MOUNT BRACKETS



BRACKET for mounting 2" dia antenna bases like AB-15 to vehicles or other flat surfaces. Rear mounting surface is 5.5"W x19.5"H; Base hole center extends 5" from rear. Has two 1.1" diameter holes on rear mounting surface. 13 lbs. #AB-449, Used, \$10

BRACKET for mounting 2" dia antenna bases like AB-15 to vehicles or other flat surfaces. Mount plate 6.3"W x4"H; base hole center extends 3.9" from plate. 4 lbs. #SM-B114371, UNUSED, \$10.00



AB-450 mount bracket accepts 2" diameter antenna bases such as the AB-15 or MP-65. Mounts to flat surfaces. 4.3x6.5x3.1, 4 lb sh. \$5.00

COUNTERPOISE

CP-12-13 COUNTERPOISE heavy rubber-covered wire spreads to form 15 ft dia radial network for ground plane antenna; used with MS-116-117-118 mast sections; 4 lb Used, \$12.00



GY-12/42 GUY ROPE SET, 3x20' lengths, Used, \$7.00

M378 ROPE, 80', \$6.00; M379, 10', \$1.50

LOOP ANTENNA



AT-784/PRC DIRECTION FINDER LOOP ANTENNA for use with PRC-25 -77; covers 30-76 MHz in five bands. Controls FINE TUNE 0-10 MHz in 1 MHz steps and ATTENUATOR 0-40 DB in 10 db steps. Includes AT-1082 loop with whip, CG-2840 & -3344 cables in CW-445 canvas bag. Collapsed size 8x6x3.5, 5 lbs. USED, \$34.00

PRC-Type Antennas

AT-272A RIBBON ANTENNA & AT-272 FLEX-BASE SET for PRC-8-9-10; 2 lbs sh. UNUSED, \$15.00
SHORT FLEX BASE only for AT-272A, used, \$3.00
RIBBON only for AT-272A, used, \$8.00

AB-129 RUBBER BASE f/AT-271 (PRC-8-9-10) \$4.

AT-20 ANTENNA FOR PRC-68B, USED, \$20.00

37.5" Ribbon Antenna for PRC-126 and PRC-128 but not PRC-68. 2 lbs. #37695721153-3, Unused, \$12.00

RIBBON ANTENNA for PRC-6 radio, USED, \$8.00

M-422 ADAPTER for using MS-116/AB-23 masts with PRC & BC-1000 as long antenna, \$4.00

AT-5001/PRC WHIP f/ Canadian CPRC-26, used \$8.

UHF Dipole Antenna



AT-413/TRC DIPOLE ANTENNA for 225-400 MHz, originally part of large array. T-top elements extendable 3" each end to adjust reception; 20" max T-width. Mount flange moves to adjust height. Type C connection on bottom. O/a 15.5"H, 12 lb UNUSED, \$16.00

30 Foot Mast Kit

AB-1244/GRC MAST KIT, twelve aluminum alloy on steel sections form sturdy, yet lightweight 30 foot 1.7" dia mast. Kit includes five each lower and upper sections, one ea lower and upper adapter sections, gin pole swivel base, four ea 36 and 42 ft guy ropes, four guy stakes, two guy rings plus a 2.5 pound sledge hammer. Part of OE-254/GRC antenna set; 30 lbs sh. NEW, \$139.50



HEAVY DUTY NYLON BAG, ideal for the AB-1244 mast kit

along with MANY other applications! (See page 10 for a description and price on the AB-1244) High quality Cordura Nylon is coated for water repellency, rot and is mildew resistant. Bag has 1 1/2" web handles that wraps around bag for added strength. Two zipper slides for easy opening. Overall size: 44" long x 9" deep x 7" tall. 3 lbs sh. Colors available: Black, Navy Blue, Red, OD Green, Woodland Camouflage. PLEASE SPECIFY COLOR. #BG-1244, New, \$39.50 each; 3 for \$99.50

AS-1729 Parts

AT-1095 UPPER MAST; 64"L, 4 lbs. USED, \$12.50

TIE-DOWN KIT for AS-1729 including tie-down rope and plastic cap for AT-1095, NEW, \$8.00

MANUAL for AS-1729, partial repro, \$8.50

MAST SPRING only for MX-6707; 4 lbs. USED, \$10.

MOUNTINGS for MX-6707 p/o AS-1729, USED:

SCD-189023 f/ base, \$10.00

#SCD-446058 corner, \$10.00

EXTENDER for SCD-446058, \$6.00

Long Wire Antenna

AS-1321/PRC-47 LONG WIRE ANTENNA 45 ft vinyl-covered with insulators at 15" and 25"; clips at insulators adjust length. Designed for use with 150 W HF transceiver; 4 lbs. Used, \$16.00



DIPOLE FIXTURE part of PRC-74 long-wire antenna set. H-shaped has 25" vinyl-covered 2-conductor copper wire. Used with 15 W HF Tx-Rx; 2.5x12x1, 3 lbs sh. #DP-MK-911, UNUSED, \$6.

AN-22A LONG-WIRE, 20 ft W-29 wire with snap hooks; p/o SCR-177/188 (BC-191). 2 lbs. \$4.95

RC-432/G Reel Only from long wire antenna set. Terminations on each end to allow other RC-432's to connect together. 4.3x2.7x12.5, 2 lbs sh. #RC432-RO, Unused, \$8.95



NAVY CABLE ANTENNA

AS-3379/BRR WIRE-CABLE ANTENNA, probably dragged behind ships or submarines as VLF-LF antenna. Consists of 125 foot long 5/8" dia coaxial cable with 8"L cast aluminum mounting shank and special RF connector which could probably be changed to common N or C connector. Suitable also for under or above ground use. No further info; 23 lbs. Unused, \$39.



CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

HEADSETS



MATROX/TANDBERG headset intended for language lab use; 200 ohms total. Has padded headband and very comfortable 4" dia covered foam cushions. 7 ft cord with 1/8" dia dual circuit plug; 2 lbs sh. #HS-38086, NEW, \$9.95

HS-32 STRAP HEADSET, one 250 ohm R-18 element, w/ PL-55; for TG-5 keyer. USED, \$8.

H-264/PRR-9 EAR-PLUG HEADSET, coil cord & 2 mm dia jack; 300 to 2500 Hz response. NEW \$4



H-227 HEADSET w/ two 300 ohm elements in 4" x 3.5" vinyl cushions, 42" coil cord, and U-77 plug. Used with GRC-3--8, GRC-106 radios. OD-green & black; 2 lbs. USED, \$17.95

TELEX PH-11 600 OHM single headphone w/ 3.5" x 4" vinyl-covered foam cushions & padded headband. 60"L 2-conductor cord has 3-pin Lemo FGG.1B connector; 2 lbs sh. Used-excellent, \$16.95



HS-16A WWII Style Military Headset by Murdock, olive-drab, cloth covered, with adjustable double steel band. Headphone impedance is 520 ohms nominal. Consists of dual magnetic element with plastic cap and shell earpieces. 54" brown cloth-covered cord w/dual nickel plated pins. Unused, \$19.95

H-63 HEADSET & BOOM MIC, 600 ohm receive & 100 ohm M51 mic elements; with JJ-055 and 3-pin jacks. 3 lbs. UNUSED, \$14.95



H-113 600 OHM HEADSET, similar to CW-49507 except O.D. green color with cushions and PL-54 plug on 18" cord; 3 lbs. sh. unused, \$7.95; 2 for \$12.00

H-16 HEADSET, designed for use in high-noise areas such as tanks, replacing HS-30. 250 ohm elements with matching transformers produce 8000 ohm (series) impedance. Similar to H-65 expect 18" cord PJO-54 plug. unused, \$10



D410SL 600 OHM HEADPHONES, low-cost comfortable language lab-type headset which unfortunately has plastic headband that breaks easily. We will ship 2 for price of 1.

NO RETURNS / NO REFUNDS! 2/\$7

VRC-12 HEADSETS

for RT-246/524, R-442, PRC-25-77 radios with U229 plugs; 150 ohm ear-phone impedance:



H-251 HEADSET w/ vinyl cushions, 24" coil cord and U-182 plug; black color. USED, \$12.00 UNUSED, \$18.00

H-161E HEADSET with 300 ohm boom mic, push-to-talk switch, & CX-8652 Y-coil cord; vinyl cushions. BLACK UNUSED, \$59.50



HS-30 HEADSET 250 ohm impedance light-weight WW-2 era set has cord wired to CD-604 500:4000 ohm matching transformer and PL-54 plug; 3 lbs sh. USED, \$9.95

H-5002 HEADSET f/ Canadian CRPC-26 radios. One phone, head web & plug. \$8.00



H-195 HEADSET & BOOM MIC, rubber-covered single 300 phone element, 40 ohm mic & push-to-talk switch. Similar to H-144 except has 10 foot cord with PJO-55 & -68 plugs; 4 lbs sh. UNUSED, \$25.

WIRELESS



HANDS-FREE HEADSET for two-way FM radio communications in high noise environments. Uses throat mic and ear cushions with

EPA noise-reduction rating of 23 DB. Operates on 49.86 Mhz; controls for Volume & Squelch, Velcro adjustable head web and mic straps, 6" antenna and fiberglass case. Requires two 9 V batteries; 6 lbs #7800H, NEW, \$74.50

ULTRA-LIGHT HS



STARSET OPERATOR'S HEADSET, ultra-light set fits over the ear with flexible voice tube. Has push-to-talk switch on 4 ft coil cord w/ dual 1/4" dia plug. Includes spare ear tips, glasses clip & pouch; black color. #MS50T62-30-2, NEW, \$34.50 #ACS MICROSET HEADSET, similar to above but light beige color. #ACS-SM-HS, \$34.95

CTE49214 headphones f/ WW-2 MAB radio; no scull cap, \$7.50

MICROPHONES



GENERAL ELECTRIC MIC from highway patrol vehicles; PTT switch has "C" & "S" positions. Also has amplifier circuit & coil cord w/ DB-9 connector; 2 lbs. sh. USED. #GE-CS-MIC, \$8.00

GM DELCO MIC for mobile communications; black w/ PTT switch, coil cord & 5-pin male connector. #GM-DEL-MIC, new \$7.



T-45 MIC Carbon type 100 ohm 50 db below 1 mv, flat response with PL-291 two contact male plug, 11" cord. UNUSED, \$3.00

T-30* THROAT MIC w/ elastic strap; no clip. USED-chkd., \$15

CW-51071 LIP MIC for CW49507 or H-62 headset; 100 ohm, \$4.

M-29B MIC with U-77 plug; for T-195 T-368, etc. USED \$12.00

M-52 MIC with 5 foot cord & PL-68 plug. UNUSED, \$8.00

M-80C MIC, unused, \$14

Low-impedance omnidirectional for public address use; 150 to 4000 Hz response. Swivel mount; 5/8" dia 27 threads/ inch. Cannon XL-3-11SC connector; 2 lbs sh. USED:

#M-2A, \$7.95

#M-43-EV, Electro-Voice, \$8.95

#M-43-UL, University Loudspeaker mfg. \$12.00

CX-3094 MIC CORD with mating connector for above; 3106-14S-7P 3-pin male on other end. 25 ft USED, \$7.50

MT-596 TRIPOD MIC STAND for above. Used, \$10 ea; 2 for \$16

WW-2 CHEST SETS UNUSED.

H-12, \$7; T-26A, \$7; T-46/TD3, \$7

MI-2462 SOUND POWER CHEST MIC only, Navy-type PTT; 18 ft cable, 6 lbs. \$15.00

JT-85 HAND MIC by Joyce Electronics has "look" of WW-2 round black RS-38 mic with PTT switch on top. Coil cord has M642/5-1 (=PL-68) plug. Used, \$16.00

RS-83 Mask type Aircraft Microphone by Telephonics. Mic is Hi-Z (100K ohm) and has a 16.5" cord with a 33" extension cable that has a push to talk switch. UNUSED, \$12.95

HANDSETS



H-250 HANDSET w/ push-to-talk button, coil cord & U-229 plug. USED CHECKED \$18.00

H-33/PT HANDSET for GRC-3-8, PRC-10; w/U77 plug. \$17.50

H-350 HANDSET, same as H-250 except additional contact on connector. USED, \$24.00

+++++
TS-9* HANDSET, p/o EE-8 field phone; 2 lbs. USED, \$14.95
H-90 HANDSET, like TS-9 but w/ U-77 plug; \$12.00

+++++
H-23 (or =) Handset for BC-1000, \$25.

Beige Standard Handset newer style mfg by ITT, Unused, \$3.25

JEN-20 HANDSET w/ AMPLIFIED receiver for hearing impaired; black or beige. NEW, \$15.

WESTERN ELECTRIC #D14842 (or =) HANDSET with 1903 patent date; black painted brass handset with PTT-switch appears to be same as TS-7 handset used with pre-War-2 EE-5 field phone. 3-wire cloth cord. 4 lb used, \$45.00



ACCESSORIES

For Headset Cords/Cushions see pg 13



GSA-6 CHEST GROUP SA-142 PPT-switch & CX-1077 cable w/ U-77 plug connect H-63 headset to GRC radios. USED, \$6.00

+++++
#14-PJ ADAPTER, 1/4" phone plug going to 2 pin jacks. Used, \$2.50



MC-385D Headset Adapter, High to low impedance with PL-55 plug to a JK-34 jack. Used with HS-33 or HS-38 headsets. Works between jack box and CD-307 cord. 1 lb. Unused, \$3.95

PHONE PLUGS, used cutoffs: PL-354 red, \$4.00 PL-55 on 30" cord, \$1.00 **DOUBLE PLUGS**, unused: #D178542 (WE289) for headsets, etc. \$3.00 #2PPC f/ switchboards, \$3.00

JK-33 PHONE JACK to fit PL-68 plug. USED, 2 for \$1.00
JK-34 PHONE JACK to fit PL-55 plug USED, 2 for \$1.00

+++++
MIC ELEMENTS, checked:
 F-1 for TS-9, \$4.00
 M-51 for H-63, M-29, \$4.00
 H-33 or H-189, \$5.00
 TA-117 for H60 (TA312), \$5.00
 WE #D173011 sound-power mic for TS-10; brass. \$10.00

+++++
RECEIVE ELEMENTS, checked:
 H-33 or H-189 receive, \$5 ea
 TS-9 receive element, CALL
 TA-235 for H-60 (TA312), \$5.00

EMAIL US YOUR INQUIRIES AT FAIRRADIO@FAIRRADIO.COM

Headset Cords & Cushions

CD-307 EXTENSION CORD for headsets with PL-54 plugs like CW49507, H-16, H-113, HS-23/33; 65" cord has JK-26 jack & PL-55 plug; #. unused, \$3.50



CD-604 CORD with impedance matching transformer 500 ohm to 4000 ohm; 6" cord & PL-54 plug. P/o HS-30 headset. USED, \$1.50

CD-318 CORD W/ PUSH-TO-TALK SWITCH w/ lock; has 7" cable w/ PL-68 plug and JK-26 jack. Use with T-30 throat or T-45 lip mics; less strap. 2 lbs sh. Used, \$14.00



CX-2481 CORD with PL-55 one end, PL-68 on other; 12 feet long 2 lbs sh. UNUSED, \$9.95

MIC COIL CORD, 1-shielded, 2-wire not; stretches 30"-42". #SH-CC3042, NEW, \$2.50

"EXTRA-STRETCH" PHONE COIL CORD #T425-MOD, 4 ft to 25 ft extension w/ modular jacks; tan. NEW, \$3.00

SWITCHBOARD CORDS

- #PL68-68, black cloth covered cord with early style phenolic PL-68 plugs on each end; 68"L. \$7.50
- #55-24, red cloth covered cord with double 1/4" mono plugs on each end; 24"L. \$10.00
- #G2-SWB-72, grey cloth-covered cord with double 310 plug on each end; 72"L, 2 lbs. \$6.50
- #R2-SWB-72, as above except red, \$6.50
- #500286-102, red with black cloth covered cord with double 310 plugs on each end; 25"L. \$10.
- #500286-104, same as above except 50"L. \$12.00
- #WE-338A, dirty light brown dual cloth covered cord w/ double 310 plugs on each end; 17"L. \$8.
- #310-56, grey cloth covered cord with 310 plug on each end; 56"L. \$8.00

"Y" CORDS

- #3E7385.60, 48" molded cord with 15" legs; 2-pin leads each end. unused \$3.00
- #CD-620F, molded 16"L legs & 6" cord with 2 lugs each end; for HS-30 headset. \$2.00

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Headset Cushions

MX-41 2.8" Rubber cushions f/ HS-23/33 headsets, \$3 pr
M-301 4" Chamois cushions for HS-23 or HS-33, \$6 pr
M-300 Inserts f/ HS-30, Unused, \$2.95 pr

Power Amp for 618S-1



POWER AMPLIFIER from 618S-1 2-25 MHz 100 watt transmitter. Has 12.3 uH roller inductor; coil 3 3/4x1 3/4: dia with 27 turns #14 silver-tinned wire rotated by 115 VAC 400 Hz motor. Also ten Centralab 850 HV capacitors

10 pf, 50 pf, 7/100 pf & 1000 pf. silver contacts on ceramic switch and 3/ 6159 tubes. 11x5x6, 10lbs #3496/618S-1, less tubes, \$33. With tubes \$42.50 MATING CONNECTORS, 2 required, \$3 ea SCHEMATIC for #3496/618S, \$3

RF CHASSIS

RF CHASSIS f/ Bendix RA-18C 108-136 Mhz receiver; 7-gang capacitor tunes ant-coil RF grid. RF plate, mixer grid, 1st osc-quadrupler, 1st osc-amp, & cathode follower input. Tubes 2/5654, 5670, 5725: requires 6.3-12.6-108-250 VDC. 3.5 x 3.5 x 10.5, 5 lbs. With schematic. #RF100-RA-18, \$10.00



5 MHz STANDARD



FREQUENCY STANDARD MODULE from R-1051* and RT-618* radios; usable as replacement or adapt to other need where standard is required. Crystal oven with 5 MHz crystal provides 5 MHz sinewave output (approx 1.8V) plus possible non-sine outputs dual 500 KHz, 1 & 10 MHz. Designed stability: 1 part in 10 / day. Requires 18-24 VDC input. 4.4x3x4.5, 2 lbs. #6625-078-4718, used crystal only is checked, other outputs may need repair, \$20.00 w/ schematic

455 KHZ BFO

PERMEABILITY-TUNED 455 KHz BFO COIL from R-392 receiver. Originally used with 5-55 pf variable capacitor but fixed cap may be substituted. Oscillation without parallel capacitor: 452-480 KHz. Good basis for BFO for any receiver with 450-465 KHz IF; w/ schematic. 3.3"Lx 1.5" dia, 1 lb. #BFO-T602/R392, USED, \$14.95



CRYSTAL OSCILLATOR



TRANSISTORIZED CRYSTAL OSCILLATOR and BUFFER, 56 to 99 Mhz with 75 °C temperature controlled oven. Requires 5th overtone HC-6 (20 pf) crystal (not supplied). Has external oscillator input plus tuning meter & oven output.

Requires 12-18 VDC regulated for oscillator; 22-39 VDC 1 amp for heater. W/BNC and SMA RF connections; DEC-9P plug for power. Part of GRT-21/22 xmitters. 6.5x2x3.3, 3 lb #OSC-8004290G1, used with schematic \$9.95

Collins HF Oscillator

0-215/ARC-38A STABILIZED MASTER OSCILLATOR ASSEMBLY from RT-3II/ARC-38, an aircraft HF transmitter. Utilizes series-fed electron-coupled oscillator, a more stable variation of Hartley-type. Step-adjusted inductor covers 14000 positions to tune osc-frequency 1.75 - 3.5 MHz in 125 Hz steps. Has Collins SMO #70E-22, discriminator #147A-1, 27.5 VDC gear drive and tubes 3/6AK5, 6BA6, 2/6BE6. 6x6.5x10, 15 lbs sh. USED, w/ schematic, \$35.00



ART-13 Crystal Calibrator



ART-13 CRYSTAL CALIBRATOR, provides 50 KHz fundamental using 200 KHz crystal. Also 1000 Hz tone for MCW. Tubes 2/12SL7, 12SA7; 6x5x3, 4 lbs #XCAL-ART-13, used, \$20.00

DISCRIMINATOR

PHASE & LOAD DISCRIMINATOR determines if load is <, >, or = to 52 ohms; also if R, C, or L. 3rd output relative to antenna current; with-schematic. 2x3 x3, 2 lbs. #T201/180L, \$9.00



RF-550 MODULES



Harris RF-550 HF receiver & RF-131 exciter modules; 4.1x2.1 x5.9, 2 lbs sh. USED, not tested: #A2A8/RF550 High Band Phase Lock Loop. \$33.00 #A2A14/RF550 Low Band Phase Lock Loop, \$32.95

SCHEMATIC packets, \$7.50 ea w/module purchase.

ARC-5 PARTS

SCR-274/ARC-5 COMMAND SET replacement parts:
#7277 6-9.1 MC 1st IF, \$5.00
#7279 " " 3rd IF, \$5.00
#5856 " " oscillator \$5.00
#6234 " " RF sect. \$9.00
#7249 5.3-7 MC BC-458/T-21 xmitter PA coil, used \$6
#6032 6-9.1 MC BC-459/T-22 xmitter oscillator coil \$4

FUSE ASSEMBLY, from ARC-5 receiver racks. Comes with both of the fuses. 1.8x 1.3x1.2, #FA-5, Used, \$5.00



URG-5 MODULES



GRR-18/GRT-17 RECEIVER-EXCITER MODULES & RACKS from "complete" group pictured. Black box modules fit into rack slot. "USED-NOT TESTED".

TS-2923/GRR-18 (599H3) RECEIVER TEST, \$39.50
CV-2649/GRT-17 (888B-1) AMPLIFIER CONVERTER, provides output signals for exciter from 250 KHz IF input; less cover, 8 lbs sh. \$99.50
CV-2653/GRR-18 (889A-2) AUDIO FREQUENCY DETECTOR for receiver, 7 lbs sh, \$125.00
CH-645/GRR-18 RECEIVER RACK only; no module clips. 10.4x18.8x22.6, 18 lbs sh. \$65.00

RF EXCITER

RF EXCITER MODULE from 1980's HF transceiver; mixes 500 KHz USB signal with synthesized frequency to produce and amplify modulated RF. Synthesizer (not available) supplied 74.5/75.5 (LSB/USB) and 77-105 Mhz depending on desired output frequency; RF output is low level. Requires +5, +12, -12, +28 VDC; with pinout. 1x7.8 x3.3, 2 lbs. #RF-EXC-1512, unused, no info, \$25.



RF Amp. / Preselector



Harris RF301/GRC-165 2-15 Mhz RF Amplifier/Preselector section contains V1 6DC6, V2 12BY7 which provide tuned grid/tuned plate amplification for the RF receive amplifier and the transmit driver. Band switch does not have detents, 14 1 mhz bands. 1/IERC 6025 and 1/IERC 5020. Power required 200 VDC, -36 Vdc and 6.3 vac. An excellent basis for QRP set or experimentation. 6.3x6.5x6.7, 5 lbs sh. With schematic and info. #RFA-165, \$19.95

INFRARED DEVICE

INFRARED RECEIVER/DEMULATOR as used in televisions and VCRs for remote control; has infrared detector and an IC for signal processing. Requires 5 VDC; 0.7x0.6x0.6, 1 lb sh. #IFRD-TV, NEW, \$1.95 ea. 7 for \$10.00



PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

850-895 MHz Modules

Modules from digital air to ground phone system. Receive frequency was approx 850 MHz and transmit 895 MHz. Removed from equipment-Excellent:



MILCOM 850-900 MHz POWER AMP, no specific data, but estimated 10 W power out using MRF-897 transistor; has heat-sink top. SMA input-output connection; 3x8.5x2,

4 lbs. #MIL-850-10PA, \$39.50

CELWAVE (or =) 6-SECTION DUPLEXER for 850 MHz receive and 895 MHz transmit frequencies; SMA connections. 4x4.5 x2.4, 2 lbs sh. #CEL-85095-DP, \$19.95



DITCOM MICROWAVE DF-2575 CIRCULATOR for 850-895 Mhz; 500 watts CW max, 3 KW peak. Isolation 20 DB min; insertion loss 0.3 db max; VSWR 1.25:1. Two SMA, one N conn;

1.4x1.7x1.3, 1 lb. \$19.95

FERROCOM 9K15-S CIRCULATOR, 840-900 MHz; T-shape SMA-N-SMA conn. No info; 1.9x1.9x1. \$14.95

MILCOM 2-WAY COMBINER for 800 MHz, 2- SMA female & 1- male connections; 1.8x2.8x2, 2 lbs. #240-089, \$19.95



800-900 MHz Modules



MODULES & COMPONENTS from airline phone system operating in 800-900 MHz range:

#IFPC COMMON module has two receiver input and two transmitter output sections. Has parts two each Motorola filter 0850E05140 and 0895E05141, M/A- COM 7N526-6016 circulator in one section. Also 47.5 MHz local oscillator, 5 MHz piezo osc and IC's N80C169KB 16 MHz CPU, 27C256-20 32Kx8 EPROM, 3/84256-10L 256Kx4 RAM & related IC's. Requires +28, +12, -12 V; 11x6.5x3.2, 7 lbs. \$20.00

#IFPC-T/R MODULE, stripline receiver RF/IF and low power xmitter boards plus oscillator/AGC board each in separate cavities. Components S80C652-1 MPU, 2/84256A-10 RAM, 27C256JL E-PROM, two Sony 20102A D/A CONV, etc. Requires +12, -12 +5 VDC; 11x6.5x1.5, 5 lb \$15.00

#AFF-PS MODULE, powered both above modules; has switching supplies Calex #24S12 (24 VDC in to 12 VDC 1.7 A out) and #12S5 (12 VDC in to 5 V 400 MA out); two RO Assoc 220-400 VDC input uVERTERS with one 28 VDC 10 A out and other 12 VDC 10 A out; and Vicor DC-DC Converter 250 VDC 35 W in to 5 VDC 25 W out. Also flat heatsinks, capacitors, etc. 11x6.5x3.3, 7 lb \$10.00

850-950 CAVITY

850 to 950 MHz CAVITY from cellular installation. Frequency varies over the range by means of an adjustable plunger with locking screw. Has a smaller plunger for fine frequency adjust. Two input/output loops each with N connection. Aluminum; 18"H x 6.8" dia, 10 lbs shipping.

#CAV-850950, used-clean, \$49.95



225MHz DETECTOR

225-400 MHz DIREC-TIONAL POWER DETECTOR used in AM-6155 UHF power amplifier. Rated 65

watts forward; 15 watts reversed. Forward/reversed DC output proportional to output/mis-match; sub-mini connectors provided. "N" RF connections; 4.5x1x1.3, 1#.

Coaxial Dynamics #3023, USED, \$18.00



Bird Power Monitor



BIRD 4162D RF POWER MONITOR, rated 220-405 MHz 40 W. Measures incident and reflected power; VSWR 1.1:1 max. Usable over 145-500 MHz. Output 100 ua @ 5K ohm. RF connectors; output C, input BNC. DB-9 for DC outputs.

1.8x4x1, 1 lb sh. NEW, \$19.95

135 MHz Tunable Cavity

118 - 135 Mhz Tunable Cavity. This is a large three section cavity for use in the range 118 to 135 MHz. No specifications available. Those of you who know about cavities could probably modify it for other frequency ranges. This unit has stepper motor and encoder on each section. Bodine Hysync DC Stepping Motor 23X1BEHD Caltech Corp Bit encoder 8 bit Absolute 33X121.

No info on circuit to use these motors, but you can manually tune the cavities or design your own control cirucits. 8.3x26.5x42.9, 70 lbs sh. #TC-135, Used excellent condition, \$175.



900-1100 MHz Cavity



TRANSMITTER TRIPLER / PRESELECTOR CAVITY MOD-ULE from TACAN system in 900-1100 MHz range. Consists of preselector and four silver-plated cavities originally gang-tuned using ball-chain

drive (not available) 10x7.5x2, 7 lbs sh. #4-CAV-93, used, \$49.50

DIRECTIONAL COUPLER

Rockwell Directional Coupler for the AN/GRC-171B 20 watt, 200-400 MHz transceiver. SMA connector for RF input. RF output uses BNC connector. NOS# 5985-00-588-5285, 4.8 x 1.3 x 1.3, 1 lbs sh. \$25.00



Triplexer



TRIPLEXER from cellular application by Fuji Electrochemical Co. #EF-T02,

Frequencies are as follows - Transmit: 835MHz, Receive: 880MHz, Lo: 784.36MHz. Has female push-on SMA connections for Transmit, Receive, and Lo and a female TNC connection for Antenna. Cast aluminum housing with a removable cover. o/a 4.3x1.5x0.8, 2 lbs sh. Appears unused, \$4.00

SWR Indicator Circuit



STANDING-WAVE RATIO INDICATOR CIRCUIT, assemble a SWR meter using this 1.8" square 0-10 scale (FS=2 ma) meter with filters, rectifiers & modified Schering bridge. One pair of bridge arms is resistive, the other capacitive. Circuit is balanced when antenna is tuned to 52 ohms resistive resulting in "0" reading on meter. Bridge: 2.5x 2.3x1, 2 lbs sh. #M701/CU-991, Used, w/info, \$8.95

SWR / Discriminator pull out from AM-3349/GRC-106 Amplifier which covers 2-30 MHz at 200 Watt AM and 400 Watt PEP. Has two R/A mini BNC connections and a 15 pin DB connector with mating connector. 3.2x2.6x2.2, 2 lb. w/ schematic. #SWR-3349, \$10.00



SWR BOARD #PTSR006AOX for HyGain radio; no further info. \$1.00

QRP Circuit Boards

SHORT-WAVE CW EXCITER/ TRANSMITTER by Ryan Communications; tiny 2"x4" high quality circuit boards cover active segments of ham radio low band frequencies @ 1.25 W CCS from 12 VDC power input into 50 ohms resistive. Output increases from 0.75 W-2.5 W as input varied from 10-16 VDC. RF Harmonics > 30 DB. Has 2N3019 power amp transistor and double Pi-net. Provision for HC-6 -33 xtal; norm-open contact-closure required for output.

#SW-1: 1.8-2.0 MHz, \$32.00
7-7.5 MHz, \$20.00; 10-10.6MHz, \$20.00

#SW-1A SERIES, parallel dual driver-dual power amp for enhanced performance, \$26.00 each:
BAND 14.0-14.35 MHz; BAND 18.068-18.168MHz;
BAND 21.0-21.45 MHz; BAND 28-29.7 MHz



Noise Activated Switch

NOISE-ACTIVATED SWITCH with sensitivity adjust and mic; 6VDC input, 2"x2". #54-91, \$1.25 ea



S-Line Mechanical Filter



Circuit Board with #526-9310-009 mechanical filter model F455Q3. This "Y" style filter will fit S-Line equipment. 100K ohm in/out impedance. 3.5dB bw is 18kc, 70dB bw is 70kc. IF frequency of the filter is 455KHz. The circuit

board also has two 5636 sub-mini tubes and various resistors and capacitors. No further info on circuit board. 3.9x3.5x0.8, 2 lbs sh. #CB-MECH, Used, \$50

Time-Temp Sign PCB

SCR/TRIAC CONTROLLER BOARD with seven 400 V 4 A SCR's and 200 V 6 A triacs. SCR's trigger the triac gates with 50 m-sec 16 V pulse that holds all triggered triacs "on" until 24 VDC to SCR's is reset. Originally p/o time-temp sign. 6x6x0.8, 1 lb. #ASI-CMC27 w/info, \$3.00



INDUCTOR PC BOARD has 3 200 uH and 2 1200 uH inductors 3/4"H x 1-3/8" dia; also 3/4000 mf 20 V, 3/3000 mf 25 V axial caps, xistors etc. 3 lbs. #54-014535, \$2.00

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

Comb Bound Manuals

THE COMB BINDING ALLOWS IT TO LIE FLAT ON YOUR WORK BENCH.



High Quality Comb Bound
 Reproduction of TM 11-5835-224-12
 Operator And Organizational
 Maintenance Manual, for Code
 Burst Transmission Group AN/GRA-
 71 dated May 1964. Manual has
 been enlarged to 8.5x11. \$25.00

R-390A/URR Receiver Comb Bound Reproduction
 of TM 11-5820-358-35 Field And Depot
 Maintenance Manual. Dated 8 Dec 1961. \$23.00

R-392 Receiver Comb Bound Reproduction Manual of
 TM 11-5820-334-35 Field and Depot Maintenance
 Manual. Dated 21 August 1961. \$30.00

T-195,A,B / GRC-19 Transmitter Comb Bound
 Reproduction Manual of TM 11-5820-335-35 DS, GS,
 and Depot Maintenance Manual. Dated Nov 1970. \$30

AM-65 original 7.50 AN/GRC-10 original 12.00
 AM-598 original 7.50 AN/GRC-106A repro 40.00
 AM-864 original 7.50 AN/GRC-109 repro 17.00
 AM-4823 RF Preselector / AN/GRC-165 repro 25.00
 Amplifier repro 30.00 AN/GRR-5 original 10.00
 AN/AMT-4A original 10.00 AN/GSA-7 Radio Set
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 AN/ARC-5 Aircraft Radio AN/PDR-27C repro 12.00
 Equipment - wiring dia AN/PDR-27CY repro 12.00
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 repro 10.00 AN/PRC-74/A repro 35.00
 AN/ARC-73 repro 20.00 AN/PRC-74B,74C,PP-4514
 AN/ARN-30 repro 10.00 / 4514A W/ theory,
 AN/ARN-59/R-836 As above but with parts schematic, repair
 repro 15.00 list/special tools 75.00 repro 40.00
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TERMS: All manuals include maintenance info & schematic unless noted otherwise:
 O.I.= Operating info. N.S.= no schematic Repro= partial reproduction w/ theory, maintenance info & schematic

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Zenith Radio Service Manual and Parts List. Re-print of early Zenith service manual. Includes schematics and parts lists for Zenith radios made from 1928 through 1939.

Offers help with alignment procedures, antenna alignment, and gives parts lists along with tube layouts on most models. 510 pages, 3 lbs sh. \$21.95

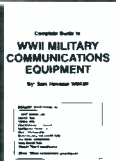
- MILITARY RADIO LISTS -

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#TM11-487A DIRECTORY of OLD SIGNAL CORPS...RADIO EQUIPMENT, 8/1950. 4 pgs missing, 246 pp; \$22.95

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THORDARDSON TRANSFORMER MANUAL, Great for transformer reference, tube amp schematics and tube radio repair secrets. Full of info on schematics, parts lists, performance specs, etc on big push-pull audio amplifiers, modulators, microphone preamps, power supplies and almost any type of electronic gear that used transformers and chokes. 144 pp; \$11.95



WWII MILITARY COMMUNICATIONS EQUIPMENT, A compilation by Sam Hevener, detailed information on USAAF aircraft sets, infantry sets, vehicle sets, countermeasures equipment, intelligence equipment, radar, photography, british infantry and aircraft sets, unit radio assignments, navy aircraft sets, vacuum tube cross reference. Lots of interesting information. 8.5 x 11, 103 pgs, \$15.00

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U.S. Armor and Communications, Reprint of info on various radio equipment and accessories used by the U.S. military during the 1970's. Used at Army Armor school Ft. Knox. 200+ pages. Tape bound \$17.50

ARRL

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AUDIO

BEGINNER'S GUIDE TO TUBE AUDIO DESIGN, by B. Rozenblit; basic tube amp component theory and practical design + classic circuits. 131 pp. \$22.95

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75 YEARS OF WESTERN ELECTRIC TUBE MANUFACTURING by Bernard Magers; historical look at 750+ WE tubes + pics; 133 pg \$18.95

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TERMS

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Equipment described as "Reparable"-- meaning "able to be repaired"-- is electro-mechanically complete, but requires some trouble-shooting by the customer.

DISCLAIMER

Items in this catalog are "used" and/ or "obsolete" equipment which may not conform to current Federal laws governed by the Federal Communications Commission (FCC), the Occupational Safety and Health Agency (OSHA), the Environmental Protection Agency (EPA), and other federal and state governmental agencies.

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CRTs are used no burns:

2BP1 15.00	4MP1 20.00	5CP1 10.00
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3BP1A 15.00	5ABP1 20.00	5HP1 15.00
3BP1A nos 30	5ADP7 30.00	5JP1 12.00
3DP1 6.00	5AMP2 25.00	7ABP7 15.00
3HP7 4.00		7BP7 9.00

CRT for HP180/USM-281A, \$45. f/TEK 453, \$85.
f/TEK 454A, \$100. f/TEK 531-535, \$45.
f/TEK 541-545, \$45. f/TEK 545A, NEW, \$65.

SOUNDING DEVICE



PIEZO ALERT WARNING DEVICE, 6-12 VDC produces 105 db piercing Hi-Lo beep. 4.2x4.2 x1.8, 1lb. #MG-SB-2, NEW \$11.00

FARADAY HORN

FARADAY 48 VDC 100 ma HORN, made for Bell Telephone; makes loud, penetrating sound w/ screwdriver volume adjust. Steel construction; recess mount. Front size 4x4x1.3 1.3" panel depth. 3 lbs #KS-12037L2, NEW, \$5.95



LOUD BUZZER HORN as used in smoke alarms; 2" dia x1.3". #41-81 Please SPECIFY VOLTAGE: 6 VDC \$1.25 ea; 12 VDC \$1.35 ea

ALARM BELL

ADAPTABEL INDUSTRIAL ALARM BELL, 5.8" dia bell operates from 6 VDC 250 MA for non-fire use. Heavy metal cast construction with mount hardware; 3 lbs. Edwards #435-6C1, new, \$9.95



SPEAKERS



SPEAKER PAIR in PLASTIC ENCLOSURES, each 4" dia 16 ohm 1 W speaker in attractive 6.8x6.8 x5.3 enclosure with 6' cord and RCA plug. White & black plastic per pic; 4 lbs sh. #ER-PL-SPK-PR, NEW, \$3.95/pair; 4 pair / \$12.00

3 X 5 SPEAKER, 2 watts with 1.8" dia magnet; 1 lb sh. 16 ohm 1 W. NEW, \$1.35 ea; 10 for \$12.00 100 for \$95.00



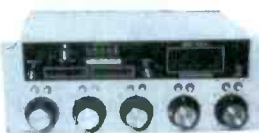
INTERCOM / MONITOR



ONE-TO-ONE INTERCOM/MONITOR, low-cost wire-type set allows someone to listen to kids, a sick person or pet from another room. Master control has ON-OFF, push-to-talk switch, and audio electronics; a remote control

has speaker only; 20 ft wire. Requires 9 VDC transistor battery (not supplied); control size 4.9x2.5 x1, 3 lb #CH-MON, unused, \$6.00

DC-5RA RAMKO MIXER



RAMKO DC-5RA 5-INPUT AMP/MIXER, each input has Level Control and can be connected to "A" or "B" buss or not connected to either. Each

buss has LED VU-meter and Master gain control. Input level -60 DBM 510 ohms/0 DB 560K ohms; factory set @ 0 DB, but can be changed per manual. Response 20 Hz-20 KHz. Speaker monitors input channel; w/ manual copy. Requires 115 V 60 Hz; 7x19x15, 17 lbs. shipping. Used, not tested, \$79.50

5 CHANNEL MIXERS



MICRO-TRAK PM5-MX AUDIO CONSOLE, monaural unit for radio & TV audio control has five inputs with Level Control, four of which have two balanced inputs with Cue, Off and Program. Fifth input has five selectable balanced inputs with Cue, Off and Program. Also Master, Monitor, Cue, Headphone and Talkback Level controls. Uses IC/FET switches for input selection and voltage controlled attenuators for setting levels. Also has internal 10 watt amplifier, analog VU-meter, headphone amplifier and built-in speaker. May be production "rejects" as they have minor problems; with manual/schematic. 3.5x19x16, 18 lbs sh. #PM5-MX-LS, lever switch Cue-Off-Prog, \$150.00 #PM5-MX-PB, push button Cue-Off-Prog, \$149.50

Reel to Reel Recorder



RD-365 Tape Recorder, transistorized monaural unit uses standard 7" audio tape and plays/records at 3.75 or 7.5 IPS. Has VU meter, footage counter, Fast Forward/Rewind. Built-in speaker plus jacks for mic, bridge input and external speaker; 100-7500Hz response. Has plastic case. Requires 115VAC 60Hz. Comes with mic, take up reel and 1 tape. Tested for "basic playback/record operation; adjustments may be required." 14.5x13.3x7.3. 28 lbs sh. Unused, \$75.00; Manual for above, \$10.00

Electro-Voice Horn

Electro-Voice HP64 Trans Planar Horn with multidriver adapter. Accepts upto 4 drivers with standard 1 3/8-18 threads. Small format 60 degree x 40 degree horn, 800Hz minimum, 2 inch throat, weather resistant, gray fiberglass. May be mounted free-standing or in enclosure with 9.5"x7.5" rectangular opening. Included also is stainless 90 degree mount adapter for surface mounting. 12.7x11x8.8, 11 lbs sh. Used, \$99.00



Speaker Driver



University Sound Model #ID-75-8 Heavy Duty Driver rated for 75 watts at 8 ohms. Sound pressure level is 133 DB. Maximum usable response is 150-7000Hz. Rugged outercase assures the utmost durability. 4 1/4" diameter x 3 3/4" long. Thread is 1 3/8" - 18; 7 lbs sh. Unused, \$27.95

CHOKES

Dimensions listed below are case only, so make allowance for terminals. Weights listed below are considered SHIPPING weights. styles as indicated; may be "used" or "unused": Limited stock.



STYLES (A) (B) (C)

1 mHY/5.0mHY 11A/1A swinging 6.8v - 120cps .07 ohm 2x2.3x3, (A), 4 lb, #103-1MH-11A, \$9.50

3 HY 100ma 200 ohm, 500WV; 1.7x2.2x2.3, (A), 2lb, #95-3H-100MA, \$14.00

5 HY 130 maDC 115 ohm, 350VDC working 2.3x2.3x3.5, (C) coated, 3 lb, #91-5H-130MA, \$15

15 Hy 5 ma 400 ohms, 1x1.9x3, (A), 1 lb #L2/AM20, \$4.00

C-161 LOADING COIL used with switchboards as 1:1 ring-thru transformer; CT line-side winding. Popular in old phone patch projects; 3x5x2.6, 4 lbs sh. used \$12.

C-114 LOADING COIL, adds 88 mH inductance to field phone wire increasing effective range 125+%. Water tight case; 4 lbs sh. used \$10.00

Video Selectors



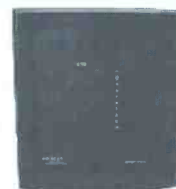
Amco Mfg. #VS-104, has a type F connector for each of the 4 video inputs. Also has 2 RCA jacks with each input for right and left audio. Output also has one F connector along with 2 RCA jacks. 4 push button switches on the front for each input. Black, 5.5 x 8.3 x 2.5, 4 lb, used, \$19.95

#VS-14, has a type F connector for each of the 4 video inputs along with one RCA jack for "Game" on the first input. One F connector for output. 4 push button switches on the front face. Woodgrain, 5.5 x 8.3 x 2.5, 4 lbs, used, \$12.95

RCA male to female 18" cable, #RCA-18, \$1.95

VCR Selector

Amco Mfg. #VTR-10, has a type F connector for each of the 10 VCR inputs. One F connector for the TV output. 10 push button switches with an LED beside each switch on the front face. Internally shielded. Originally used to demo products. Black, 8.8x9.8x11.4, 11 lb, used, \$24.95



Transistor Audio Amplifier



TRANSISTOR AUDIO AMPLIFIER w/5-transistors, On-Off-Volume and Tone controls. Inputs for ceramic or crystal phono cartridges. Other possible uses as intercom,

home-brew receiver, child's projects. Use with 8 or 16 ohm 3" or 4" speaker. Requires 6-9 V AC or DC; with schematic. 1.5x2.3x3.3. #ER-10-1231, NEW \$2.95 ea; 2 / \$5.00; 6 / \$12.00

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LOW VOLTAGE TRANSFORMERS

All 115 VAC 60 Hz primary unless otherwise noted; styles as indicated; may be "used" or "unused"; Dimensions listed below are case only, so make allowance for terminals. Weights listed below are considered SHIPPING weights. Limited stock.



STYLES	(A)	(B)	(C)	SECONDARY SIZE	STYLE	WT	STOCK #	PRICE
2.5V 15 A,	3.6x4.2x6 (A)	10	#77-2.5V-15A	14	6V 8 A			\$14
2.6VCT 10 A,	3x3.5x6 (A)	7	#58-2.6V-10A					\$11
4.5-6.5V 12 A,	5x6.1x4.5(A)	21	#T-4565					\$6.50
Two 5 V 3 A	3x3.3x3.4 (C)	7	#P-6333					\$9.95
7.5/6.3 VCT 3 amps,	6.3 VCT 4 A							
5 VCT 12 amp,	7.8x4.3x3.5 (A)	14	#9T35Y150					\$12.
5 VCT 6.5 A								
6.4 V 6.4 amps	3x4.5x3(A)	6	#SMB202959					\$6.95
23 V 300 MA								
6.6V 2.3 A,	2.3x2.7x4.1 (A)	4	#93-6.6V-2.3A					\$4.50
6.6V 10 A,	3.3x4x5.8 (A)	10	#77-6.6V-10A					\$9.95
6.6VCT 1 A								
9.2 V 600 MA	2x3x2(A)	2	#NE-1063-P					\$3.95
10 V 4 amp,	3x4x3.5 (C)	7	#BE-12696					\$4.95
18 V 1.5 A,	19 V 2.5 A							
12.5 V 2 amps	3x3x2.5 (B)	2	#FR-24960					\$2.95
12 V 9 amp,	5.3x4.3x4.8(C)	22	#P-601719					\$8.95
12 V 3.2 A,	12 V 2 A,							
44 V 2.5 A.	(12 V windings can be wired to produce 12 V 14 A)							
12.6V 6 A,	3.9x3.3x2.9 (C)	7	#15-12.6V-6A					\$6.95
13 V 20 amp,	4x3.5x3.8 (C)	10	#430-9001					\$19.95
13.5V 15 A,	4.2X4.5X3.8 (C)	12	#57-13.5V-15A					\$14
15 V 3 amps	4.5x3.8x3.8(C)	13	#PV-175-9					\$4.95
13 V 2 A,	6.3 V 7 A with capacitor							
15 VCT 3 amp,	2.5x3x2.5 (C)	2	#TRA-1577					\$3.95
16.5 VCT 2 amps	2.6x2.5x2 (C)	2	#BE15869					\$3.95
17 V 1.5 A,	2.5x3x2.5(C)	3	#54-995					\$4.00
19 V 1.6 A								
18V 5.4A,	4.5x4.8x4(C)	16	#401-21					\$8.95
26 V 1 A,	6 V 900 ma,							
25 V 500 ma,	35-10-0-10-35 V 5 A							
18 V 1.5 A,	3x4x3.5 (C)	7	#BE12696					\$4.95
19 V 2.5 A,	10 V 4 A							
18 V 4 amp	2.5x3x2.8 (B)	4	#SK-710202					\$4.95
20 V no load	3x3x2.5 (B)	2	#FR-24960					\$2.95
or 12.5 V 2 amps on 4" dia plate.								
20VCT 8 A,	3X3.7X4.5 (C)	10	#54-20V-8A					\$14.95
12.5V 2.5 A,								
22 VCT 3 amp,	3.8x3x4(C)	8	#3S92890015					\$5.00
80VCT 1 1/2 amp								
24 VCT 2 A	2.5x4x2 (C)	3	Triad #F-192X					\$5.50
25VCT 8 A 4 x 3.6 x 5.3 (A)	13	#200P25GT						\$14.95

28 V 6 AMP	5.5x2.8x3.5(C)	6	#LR80498					\$8.50
on chassis w/ On-Off & line cord								
2x30 V 250 MA	1.8x2x1.5(C)	1	URC#60605					\$2.50
30 VCT 200 MA	2.3x1.3x2(C)	1	URC#374501-1					\$2.95
45 VCT 100 MA,	2.5v 30ma							
30 VCT 560 ma	2.5x2.3x2 (C)	2	#401-6					\$3.00
40 VCT 450 ma								
31 V 5 amps,	3.5x4x3 (C)	8	#TI-723					\$7.95
39 VCT 2 amps								
32 V 5 amps	3.3x2.8x2.3(C)	4	#X5157308					\$5.95
32 VCT 1.5 A;	2.5x2.6x2.1(B)	3	#142259					\$3.95
35 VCT 1 amp	2.5x2.8x3(B)	3	#1341155-2					\$2.50
Rusty condition								
36 VCT 2 amps	2.9x3.5x2.3 (B)	3	#SR-448					\$4.95
38.9 V 4 amp	2.6x3.8x3.5(C)	5	#021/0220050					\$7.50
tapped 26-9-3-0.9 V,	150 VCT 200 ma							
40 VCT 1 amp,	3.3x3.8x3.3(C)	7	#P-1220					\$7.00
31 VCT 2 A,	11 V 1.2 A							
40 VCT 2.1 A,	3.5x5.5x3(A)	8	#9807					\$6.95
24 V 1 A,	117 V 50 ma: sealed							
40 VCT 1 amp	3.3x2x2 (B)	2	#URC56000					\$2.95
42 VCT 2.5 A	6.3x5.8x4.8 (A)	14	#235-2593					\$8.95
2 VCT 12 amps								
44 VCT 11 A,	4.6x6.1x4(A)	18	#M5087					\$25.00
44 VCT 3.5 A								
50 VCT 2 amps,	3.8x3.5x3(B)	5	#701-129					\$4.95
6 V 2A								
2 x 52 VCT .3A	2.5x3.4x2.8(C)	2	#9100-0168					\$4.95
52 VCT 2.6 amps,	3.2x3.8x3 (B)	6	#EIA606-451					\$7
tapped 33 and 18 VCT								
70 VCT 5 A,	4.5x4.8x4 (C)	16	#401-21					\$8.95
tapped 20 VCT;	18 V 5.4 A,							
26 V 1 A,	6 V 500 ma							
2 x 80VCT 100 ma,	2.2X2X3.5(A)	4	#81-80V-100MA					\$3.
80VCT 180 ma,	3x3.2x4.9 (A)	6	#46-80V-180MA					\$3.50
80 VCT 1.5 amps,	3.8x3x4 (C)	8	#3S92890015					\$5
22 VCT 3 A								
115 V 75 MA,	4.8x7x6(A)	14	#BP-18585					\$9.95
6.3V 6A,	6.3V 3A,							
6.3V 1.8 A,	2.5V 5A							

High Voltage Transformers

SECONDARY SIZE	STYLE	WT	STOCK #	PRICE
289V 200MA,	4.5x3.9x5.9 (A)	16	#8-289V-200MA	\$15
207V 125ma,	2x6.3V 4.5A,			2x6.3V 5A
375 VCT 50 MA	2.5x3x2.6 (B)	3	#8316527	\$6.50
6.3 V 2 amp (230 VAC only primary)				
665VCT 100ma,	3.4x4x4.6(C)coated	9	#111-665V-100MAS24	
2 x 115V 600ma,	6.5VCT 9A,			6.4VCT 3A
800VCT 75MA,	5.5x5.3x8.3 (A)	26	#15-800V-75MA	\$20
275VCT 220ma,	120V 2A,			35V 6A,
6V 2.5A,	5V 6A			
1000VCT 80MA,	4x4.5x5.5 (A)	12	#61-1000V-80MA	\$20
1232 VCT 50 MA,	4.3x5.3x3(A)	10	#146-44-1	\$9.95
tap 437 V 15 ma,	5 V 2 A,			6.3 V 2.5 A,
6.3 V 3.2 A				
2000 VAC 125 UA,	3.5x4.3x3.3(C)	6	#T101/CP95	\$6
400 VCT 25 ma	6.3 V 1.2 amps,			26 V 400 Ma

Audio Transformers

Primary	Secondary
50 ohms 30ma	500 ohms 400 to 1900 Hz Mic Transformer 1.5x1.3x1.5(A) 1 lb #T204/PP115 \$3.
100 ohms	100K ohms; input transformer, 2.1x2.2x3.2 (A), 2 lb #T3/AM20 \$6.00
250/4000 ohm	150, 600 ohmCT 400-3000 Hz 1.8x1.8x2.5(A) 2 lb #C280/RM39 \$4.00
500 ohm CT	500 ohms CT 600-12000Hz 2.3x2x2.5(A), 2 lb #T203/PII5 \$3.00
62.5K ohms	1340 ohms, 100-10000 Hz 5 ma. 1.9x3x1.8(A), 1 lb. #502-5442 \$5.00

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TRIAD TRANSFORMERS

#TY--61X TRANSISTOR DRIVER	100 ohms 100 ma : 100 ohm CT, 50-10KHz 500 mw. 2.7x1.5x1.5. \$4.00
#TY-65Z MODULATION Pri:	32 ohms CT 575 MA DC Sec: 4K-6K ohms 10W. 2.7x2.4x2, 2 lbs. USED \$5.

Misc Transformers

TRANSFORMER-POWER SUPPLY Pri: 2 x115 VAC 48-62 Hz. Sec: 570 VCT 200 MA, 25 VCT 1.2 amps, 6 V 8 A. On chassis w/sockets for two 26Z5 tubes; 20 lbs. #PS-R390A, used, \$25.00

28 V 6 AMP TRANSFORMER on chassis with On-Off switch & line cord for 115 VAC input. 5.5 x 2.8 x 3.5, 6 lbs. #LR80498, Used, \$8.50



ISOLATION TRANSFORMER #A762101 , pri 115/230V 60 Hz; sec 105 VAC 1 amp 2.2x2.6x2, 3lbs. Used, \$6.95 ea: 2 for \$12.00

Secondary: 114V 1 amp OR 126V 1.1 amp with 2230V insulation. Primary: 116V / 120V / 124V. 9.4x6.5x5.3, 29 lbs sh. Sealed. #64-114-1A, Unused, \$32.00

FLYBACK TRANSFORMER for tube-type TV's. 5 V input yields about 1300 V 80 KHz out. Styles vary; 1 lb. #FLYBK-98, \$5.00

MODULATION TRANSFORMER Pri: 5500 ohm 235 ma or 2000 ohm 300 ma. Sec: 200 ohm 20ma 90 watts max. 3.1x3.5x2.9, 4 lbs. #677-0923, used, \$8

1510 V "Y" TRANSFORMER, primary 200 V delta 3 phase 400 Hz; sec: 1510 V "Y" 500 ma; originally produced 2000 VDC for 1 KW xmitter. Usable with some automobile alternators to run high voltage equipment. 4x4.5x2.5, 5 lb #T1/T730, used, \$20.00

3-PHASE POWER TRANSFORMER from Harris RF765 5 KW transmitter; two outputs of 1916 V 2.3 amps and one 1518 V 490 MA from 208/220/230/240 V 3-phase input. Made by Basler; 17x 26.5 x12.5, 300 lbs shipping. Harris #10178-5200, used, \$450.00

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

POWER SUPPLIES



5 VDC 6 AMP AC DC #ECV5N6-1 MODULAR SUPPLY, +0.05 line and load regulation from 100/117/220/23/240 VAC 47-440 Hz input; 4.9x5.6x2.5, 5 lbs. NEW, \$15.

5 VDC 3 AMP EXELON DC REGULATED SUPPLY, and 12 VDC 0.1 amp output from 115/230 VAC 47-63 Hz input. 5x5.3x2.8, 4 lbs. #PS-1545, NEW, \$10



12 VDC 1.5 AMP DC POWER SUPPLY designed for small tool rated under inductive load like a motor. Output > 20 VDC under lesser loads; can be varied somewhat depending on load.

With 6 ft AC cord; requires 115 VAC 60 Hz; 2.5x2.5x5, 3#. #DR-12VPS, NEW \$10.95

COLECO DISK DRIVE POWER SUPPLY for ADAM

system; transformer type with outputs +5 V 3 amp, +12 V 2.9 A, -5 V 200 ma, and +18 V inductive 1 A. 115 V 60 Hz input. With cords and On-Off switch. 11x4x8, 10 lbs sh. #COL72559, unused, \$10



PP-3929A/FLR-9 DC POWER SUPPLY with outputs -12 VDC 8 amps and +12 VDC 2

amps. Has 3.5" dia meters 0-15 VDC and 0-12 AMP DC, switch for Output Select +10/-10 VDC and Voltage Adjust trimmer, Terminal strip on rear; mating connectors not available. Solid-state; requires 115 VAC 48-63 Hz. 4.8x19x18, 46 lbs sh. USED-REPARABLE, \$35.00

Linear Regulated Power Supply by Lambda #LM-CC20-V, adjustable 20VDC +/- 5% at 5 amps. Perforated housing. Requires 205-265VAC 55-65 Hz. 10x4.9x4.8, 17 lbs, Used, \$45



Linear Regulated Power Supply covering 5 to 28VDC at 5 to 8 amps. Requires 115VAC 60Hz input. With the addition of a multiturn potentiometer this power supply can be adjusted from 5 to 28 vdc with excellent regulation. Unit is heatsinked. Uses seven 2N3055 transistors.

Made by Transistor Devices model #SPS-2336, 12x6.7x6.3, 25 lbs sh. Unused, \$99.50

Rackmount Power Supply by Westinghouse covering 12 to 65VDC at 3 to 9.5 amps from an input of 115/230VAC 60Hz. The power supply does have a current adjust but does NOT have a voltage adjust. The voltage is directly relative to what the current is set at. Has 2.9"H x 3.5"W panel meters for Amps and Volts. Running time indicator. 15.5x19x7, 49 lbs sh. #WE-65, Unused, \$89.50



Open Frame Unregulated Power Supply. Output of 125VDC at 600ma from 115VAC 60Hz. 2.8x4.7x6.1, 7 lbs sh. #PS-125, Used, \$19.95

Switching Power Supplies



HEAVY DUTY SWITCHING SUPPLY, outputs +5 VDC 28 amps, +12 V 4 A, +24 V 1.5 A from 115 VAC 60 Hz in. W/ ON-OFF switch, & 16-pin Molex output connector. "AS-IS" complete, no schematic"

2x5x13, 6 lb #SWPS-528, \$6.95

SWITCHING POWER SUPPLY with 3" axial fan. Outputs +5 V 10 amp, +12 V regulated 2.5 A, +12.5 V 5 A unregulated from 115 VAC 50/60 Hz input. P/o Wang equip. 2.6x5.1 x12.5, 7 lbs. #12690, \$14.



POWER SYSTEM switching supply, outputs +5 V 7 amps, +12 V 3 amps, -12 250 ma, -5 300 ma from 115/230 VAC 50-60 Hz input. 7.8x 4.4x1.5, 3#. NEW: #PS1558, \$15.00

5 VDC 10 Amp (at 50 degree C) Switching Power Supply. Output voltage is adjustable + or - 5%. Input required 105-132VAC 47-440Hz or 130-160VDC 95 watts. 7.9 x 1.7 x 4.5, 4 lbs sh. Unused, Lambda #LJS-13A-5-0V, \$18.00



Switching Power Supply, Outputs: 5VDC 30A, 15VDC 3.2A, 15VDC 1.6A, 24VDC 3.0A. Housing is perforated. Requires 115VAC 60 Hz. Various mfg. 10.9x7x4.2, 7 lbs

#TMA24-1335, Unused, \$16.95; 2 for \$27.00

Switching Power Supply, Outputs: 5VDC 21A, -5.2VDC 7.5A, 12VDC 4.7A, -12VDC 1.5A. Each output has a potentiometer adjusting the voltage +/- 1 volt. Perforated housing with a heatsink on top. Requires 115VAC 60 Hz. Various mfg. 10.9 x 7 x 4.2, 15 lbs #7860, Unused, \$14.95; 2 for \$23.00



48 VDC 34 AMP PP-8097 SWITCHING POWER SUPPLY designed to power FET-type power amplifier used with RT-1512/GRC-215 exciter.

Also +/-15 VDC 1 A output, 6" dia 16/32 VDC fan; On-Off switch, two connections to P.A. and one Input; mating plugs not available. No further info. Requires 110/220 VAC 50-60 Hz; 0x19.5x17.5, 100 lb USED-excellent, \$150.

H V SUPPLIES

HIGH VOLTAGE POWER SUPPLY, input 120 VAC 50-60 Hz. Rated outputs: -5000 V (6+ KV tested) 1.8 ma, +120 V 15 ma, +24 V 0-1.25 amps, +16 V 200-450 ma. 4x9.5x4, 17 lbs shipping. #GE9T63Y2280G02, used, \$12.95



STATIC NEUTRALIZER SUPPLY, 5 KV output from 120 VAC 50-60 Hz 20 VA in. 4.3x 3.1x2.6, 4 lbs shipping. #S-H-95078, NEW, \$12.00

Power Supply Modules



5 VDC 3 Amps regulated open frame power supply with over voltage protection from 115/230 VAC primary. Mfg by International Power #IHB5-30VP-506. 4.9 x 4 x 1.9, 4 lbs sh. Unused, \$15.95

Same as above except 15 VDC 1.5 Amp, #IHB15-1.5, \$16.95

+5/-5 V 3 AMP REGULATOR BOARD, up to 24 VDC unregulated. Capacitors two 15000 mf 15 V, 33000 mf 30 V. Two each KBPC rectifiers, 2N6576, 2N4441 SCR. 7.8x6x4; 3 lbs sh. #MEND-REG-5V, \$5.00



REGULATOR MODULES from Sun supplies, each with current limit and voltage adjust. Includes bridge rectifier, filter capacitor, two 2N3055 or equal and 723 regulator; 2 lbs #SUN-REG-124, 12 V 4 amp, \$10.00 #SUN-REG58, 5 V 8 A w/OVP; \$8.00

POWER SUPPLY MODULE with 3-conductor cord, fuse, 110/115 V input switch and 50% Voltage switch. Outputs: 18 V 350 ma & 30 VCT 600 ma; 50% switch, 9 V 350 ma & 15 VCT 600 ma. 6x4x2.3, 4 lbs. #PSM-4404-87AD, used, \$3.75



BATTERY CHARGER



NI-CAD CHARGER PP-6241 SOLID-STATE BATTERY CHARGER for silver-zinc or nickel-cadmium types. Three independent charging units with out-puts 8-16-32 VDC or 0-36 VDC in 0.1 V steps; 1 or 2.25 amp charge. With cables CX11971, CX11972, and CX11973. Requires 115 VAC 45-440 Hz input. 11.5x 13.8 x11, 46 lbs. With book: Used, \$39.50; Unused, \$79.50

DC CONVERTER

ASTEC DC to DC CONVERTER designed for PC mount; +5 VDC input produces 12 VDC 85 ma output. 1.2x1.5 x1, 1 lb. #AA7210, NEW, \$2.95 ea; 2/\$5.00



Wall Transformers



AURORA TOY WALL TRANSFORMER, changes 120 VAC to 9.5 VDC 350 ma output. 6' cord with slide lugs; 2 lbs sh. #AUR-95V34VA, 2 / \$4.00

CERVCO AC ADAPTER, 11.5 VAC 175 ma out-put; 6' cord w/o lugs. #CER-11.5V, 2 / \$3.00

AC adapter / wall warts GRAB BAG from cell phones: 12VDC 200 ma to 1000 ma, #AC-12, 5 for \$11.00 9VDC 130ma to 300ma, #AC-9, 6 for \$12.00

13 VDC 1 Amp Wall transformer from 120VAC input. 6 ft cord w/ "Barrel Type" DC power connector O.D. 5.0mm; I.D. 2.5 mm. 2.6x2.2x3.4, 2 lb, #TAACA0201, \$2.50



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Dynamotor Supplies



DY-107/AR DYNAMOTOR SUPPLY for ARC-44 radio. Output 138 VDC 140 ma, 310 VDC 30 ma, & 27 V 400 Hz 3 phase 10 VA; input 27 VDC 3 amps. 5x 9x3, 10 lbs sh. USED, \$37.50

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DY-79/PRD1 DYNAMOTOR SUPPLY for R-395 DF receiver; 24 VDC input. With 3 tubes and 2 ballasts; 10x14x16.6, 22 lbs sh.



GOV'T-RECONDITIONED, \$75.00
Manual repro for AN/PRD-1 / R-395 / DY-79, \$20.00

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D-10A Used \$7 D-401 used \$12 DM-36 re-new \$15
DM53 used w/ base\$6 DM53 12V unused w/o base\$8
DY10/ARC1 \$14 DY-86/ARN-30 \$7
PE-98 12V used \$30 PE-133 used \$10
3H1514-22 DYNAMOTOR for RBM Rx. Unused, \$20
#2C4312/B50 HINGE SET 1/DM-21in BC-312/342, \$7

200 WATT INVERTER

PRICE REDUCED

12 VDC to 120 VAC 60 HZ INVERTER, rated 200 watts continuous; 600 W surge. Output is squarewave with zero-crossing. Has studs for input & 3-cond outlet. 3x7.5x4.8, 7 lbs. #RC-12200, NEW, ~~\$65.00~~ \$49.50

2.5 KW AC INVERTER

DC to AC INVERTERS, 12 VDC nominal input produces 117 VAC 60 Hz modified sine wave using switching circuitry. Power inverter blocks feature very low standby current. Current draw proportional to load. With 4.6" sq cooling fan; User must supply On-Off control & input-output fusing. 4.9x8.3x5, 5 lbs shipping. Ryan mfg, NEW:



#DCAC-1250W, 1250 watts; \$179.50
#DCAC-1750W, 1750 watts; \$259.50

INVERTER KIT



400 HZ INVERTER KIT removed from PP-2352; good foundation for 28 VDC to 115 VAC 400 Hz 500 watt 1 phase inverter. Includes oscillator feedback, driver, output, & regulator transformers, two saturable reactors & schematic info. Add other components to suit your power needs; 10 lb. #KIT400HZ-500W, \$49.50

750 WATT INVERTER

ROTARY INVERTER, output 115 VAC 400 Hz 1 phase 750 VA from 28 VDC 60 amp input; Leland or =, 12x9.5 x7, 42 lbs. GOV'T-RECOND, \$57.00



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#R-INV1500-1, 115 VAC 400 Hz 1 phase 1500 VA output from 25-28 VDC 92 amps input. Older style Leland mfg; 9.3x17x7.3, 54 lbs sh. UNUSED, \$49.50

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#PU-16/AP INVERTER, like above except 750 VA out from 28 VDC 60 A in; 9.3x16.5x7, 40 lb \$32.95

COMPASS INVERTER



DC to AC INVERTER for aircraft radio compass indicators. Input 24 VDC 1 amp output 26 VAC 400 Hz 1 phase 6 VA; 3.3x3.8x3, 3 lbs shipping. Pioneer #12117-6, UNUSED \$16.95

Variable Transformers

- - OTHER RATINGS AVAILABLE - -
Tell us your needs!

All variable transformers listed below are used good condition unless otherwise specified.



GENERAL ELECTRIC VARIABLE TRANSFORMER, input 120 VAC 60 Hz. Isolated output 0-60 VAC. Maximum current load: 5 amps. Two units wired in series will produce 120 VAC output. Coil not enclosed; dial plate & knob not included. 4.4" dia X 4"H; 6 lbs GE #9T92A1515, NEW, \$19.95; 2 for \$35

POWERSTAT variable transformer, no dials & knobs. #DMLW-136BT-3, 0-30V at 25 amps 60 Hz or 15-0-15V at 35 amps 60 Hz out from 120/240 V input double wound; Actually has two isolated 15V secondaries. Great basis for a 12 or 24 volt power supply. Enclosed, motorized 3 section (3 phase). 12" dia X 30"H, 90 lbs. \$195



#5M116BT, 10 Amps 0-140 V, input 120 V, motorized. Enclosed with knob and dial plate. 7.3x7.3x11.5, 25 lbs \$62.00

#GA5065OL 380 HZ VARIABLE TRANSFORMER, input 120 VAC 380/1000Hz; output 0-120 VAC 380/1000 Hz 13 amps. 7x6.2x3.3, 9 lbs. \$18.00



Staco #033-6565, 20 Amps 0-180V, input 120V, motorized. 8.8x8x10.5, 36 lbs, \$120.00

General Radio #W20, 20 Amps, output 0-140V, input 120V. Not enclosed. Comes with the knob but less the dial plate. 7.5x7.5x6.5, 24 lbs sh., Unused, \$145.00



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Variable transformers listed below are 240VAC 60Hz Inputs; not enclosed. Used unless otherwise stated.



VARIAC W20H, 0-240 V 8 Amps from 120/240 V, 7.5 x 7.5 x 6.5, 23 lbs sh. Unused, \$95.00

GE #9T92A30G51, 8.5 Amps 0-240/280V, input 120/240V, motorized. 7.6x6.9x10.2, 23 lbs sh., \$89.50



GE #9T92A30, 8.5 Amps 0-240/280V, input 120/240V. 7.1x6.2x6.3, 17 lbs sh., \$92.00
Pointer knob, \$1.00
Dial Plate, \$1.50

Powerstat #2388-10698, 9 Amps 0-240V, Input 240V, motorized, perforated sides. 9.1x9.5x10, 30 lbs sh., \$89.50



Staco #033-7015, 10 Amps 0-240V, input 240V, motorized, perforated sides. 8.9 x 9.5 x 10.3, 30 lbs sh, \$99.50

Regulators / Conditioners



Sola CVS 2000 Watt Constant Voltage Transformer provides a very well regulated sinusoidal waveform that is isolated from variations and disturbances in the input voltage. Also provides isolation and step-up/step-down to allow for various input/output voltages. Input 95-130/175-235/190-260/380-520 60Hz. Output 120/240VAC 60Hz 2000VA. 17.8x11.4x9.6, 115 lbs sh. Unused, \$250 ea., 2 / \$450

WANG POWER CONDITIONERS, electronic line voltage regulators with full magnetic isolation protects computer & similar equipment from line voltage surge or "sag" damage. Provides "clean" 120 VAC 60 Hz output from inputs of 90 to 135 VAC 60 Hz. Low input shutdown @ 50% of nominal. OVP shutdown @ 12% above max output. 7.8x13x10.4: #SC-100A-PC, 1000 VA output with one large L5-20R receptacle; 45 lbs sh. NEW, \$195.



WANG LINE REGULATOR, designed for 120 VAC 500 W constant output for computers from 95-130 VAC 60 Hz inputs. Has two 3-conductor outlets, On-Off switch, and line cord. 7.8x8.5x16, 40 lbs sh. #725-2740, unused, \$125.00



SOLA #63-13-150 C-V HARMONIC NEUTRALIZED REGULATOR, 120 V 60 Hz 500 W output from 95-130 VAC 5 amp input. Two 3-cond outlets & On-Off on front. 6.9x7.8x13.3, 34 lbs. #63-13-150, used \$95

GENERAL RADIO 1582A VOLTAGE REGULATOR, automatically compensates for AC Line voltage fluctuations; output 115 VAC +/- 10%; 7.4x19x16, 90 lbs sh. #GR1582A-AL, 85 amps, 90-110% correction, \$275.



Un-Interruptible Supply

UPS SUPPLY produces 120 VAC 60 Hz 500 watt output from 48 VDC input. Rechargeable 8 cell x 6 VDC lead-acid battery pack supplies power when normal power is interrupted. Inverter output is modified squarewave with zero crossing. No further data; batteries functional, but no warranty as to cell life. W/casters; 14.5x12.5x10.3, 70 lbs sh. #UPS-48-500, Physically good condition. Used less batteries not tested, \$49.50



Frequency Converters

ELGAR 500 W FREQUENCY CONVERTER uses four 125 watt power amps; voltage, freq & phase digitally programmable. Input 208 VAC 60 Hz; output 300-1000 Hz selectable 0-15/30/130 V (phase A'), 0-40/ 160 V (phases A, B, C) & tandem A0+B0=240 VA @ 115 V. Special Elgar 504 requires 16-bit binary & TTL programming to operate; info not available. 7x 19 x24, 150 lbs. #580-283-047, UNUSED, \$495 \$250.



PP-7482/G STATIC FREQUENCY CONVERTER, changes 115 V 60 Hz input to 400 Hz output 1 phase 1000 watts. Internal pots adjust output voltage and freq. Rockwell #622-3861-001; 19x5.5x 19.5, 55 lbs sh. USED, AS-IS "non-working", \$125.00

CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

Handcrank Generator



HANCRANK MAGNETO GENERATOR from telephone equipment; features long crank with shaft extending 2.5" from generator and mount plate that allows left or right side or bottom mount. Will work up to 90 volts.

Replace "dead" generator in antique phone or as remote bell ringer or "worm shocker"; 4 lbs sh. #MAG-GEN-1085, used, \$15.95

GN-38 HANCRANK GENERATOR, similar to above with flat magnets but has shorter fold-up GC-9 crank. Will work up to 90 volts. Used in EE-8 and other older military phone equip. 4"Lx 2.5" dia: 4 lbs sh. USED, \$19.



RECTIFIERS

FULL WAVE BRIDGES:

#AL-10-5, 25 Amp 50PIV used, \$1.50



DIODES: 1 AMP 50 PIV 20/\$1.

1 Amp 400 PIV 15/\$1. 1 Amp 1000 PIV 10/\$1.00
MR752 6 AMP 200 V \$1.
1N21 RF diode, \$1.50 1N23 RF diode, \$2.50
1N3890 12A 100V, 4/\$3 1N1184, 35A 100V, used \$1

#D-R610-0230, 200 PIV 300 A; 4" tail. Used, \$8.95

#SM-C-745210, 37V Zener w/ 3/4" stud, \$2.00



MOTOROLA MR1265FL RECTIFIER rated 300 PIV 650 amp; with hardware. 3.3x 2.3x3.3, 3#. NEW, \$17.50

HIGH VOLTAGE DIODE 3 PHASE "Y" BRIDGE from 2000 VDC power supply; six submodules each with ten 1N1095 diodes & 5 capacitors series-parallel. 3.3x2.3x3.7, 2 lbs. #1540/ARC-58, \$6.00



SEMICONDUCTORS

2N3700, 3/\$1.00	2N5428, \$1.00
2N3716, \$1.95	2N6292, 2/\$1.00
2N3739, \$1.95	2N6675, \$3.95
2N4126, 5/\$1.00	

REGULATORS

LM-117K, 1.2-37V 1.5A out; 0.03% load reg., \$3.50
LM-123K, 30W 3 amp 5V positive regulator, \$1.95
LM-137K, negative adjustable regulator, \$1.95

MOV's - #S14K130 130V \$1.25, #S14K175 175V \$1.50

IC SOCKETS

LOW PROFILE	STANDARD	WIRE WRAP
16 PIN, 12/\$1.00	24 PIN, 2/\$1.00	14 PIN, 6/\$2.00
20 PIN, 10/\$1.00	28 PIN, 2/\$1.20	16 PIN, 6/\$2.00
22 PIN, 6/\$1.00	40 PIN, \$1.00	18 PIN, 5/\$2.00

DC Suppressor

MX-7777B SUPPRESSOR protects vehiclar radios VRC-12, VRC-53/64 & GRC-106 from damage by voltage transients. Input 28 VDC; output < 36 VDC. Has 50 amp circuit breakers for Overload & Short; diode overheat protection & manual (BATTLE) override. 5.3x7.3x6.8. 7 lbs shipping. USED, \$17.50
PLUGS (2) for MX7777; #29935-2P, used, \$4 ea
PLUGS (1) for MX7777; 4 pin female, used, \$4.50



Diode Heatsink Assembly



#DHS6-1815, with six MR-1815-SL 300 PIV 100 amp diodes; heatsink 2.6x9.4x4.8, 4 lbs sh. \$29.95

SILICON CONTROL RECTIFIER assembly single phase half-wave; GE #C1411CX5 or equivalent. Rating approx 500 V 35 amps. 7x6.3x5, 4 lbs shipping. #KS-19576L1, USED, \$6.95



HEATSINKS

#HS-10169 HEATSINK, 6"Lx3.5"Wx1"H; drilled three 7/16" dia holes for diodes, 2 lbs sh. \$2.50

#HS4541-F, 5"Lx4.5"Wx1.1"H with flat back for easy mount; two 7/16" dia holes. UNUSED, \$2.50

#DHS4525 DUAL HEATSINK STACK, each 4.5x2.5x1 with TO-3 transistor; 3 lbs. Used, \$2.00

#2T34513, 3x4.5x1.3 for two TO-36, \$1.25 ea

#WE-H1D HEATSINK w/diode approx 100 piv 25amp; 5x3x1.3, 1 lb. USED, \$2.50

#3D528-8 HEATSINK, 5x3x1.6; drilled for 3 large stud rectifiers (1" dia recesses), \$2.00

#THS-88, 2.5x3x1 finned area and 2.1x1.5" flange for TO-3, \$.85



DC FANS



Mini BOXER 12 VDC FAN, 0.13 amp; 3.6" sq X 1". #3610NL, NEW, \$10.00

PANAFLO MINIATURE 12 VDC FAN 2.3" sq. #FBP-068-12L, NEW, \$7.95



PAPST #3214F 18 VDC 2 w / 30 VDC 3 W FAN 9-blades; 3.5" square X 1" deep. NEW, \$9.



CENTAUR 24 VDC AXIAL FAN, 11 watts but operates well at 12 VDC. 4.7" square metal frame with 5-blade plastic fan; 1.5" thick, 2 lbs sh. #CNDC24K4-601, UNUSED, \$8.95

PAPST 24 VDC FAN, 5 watts. 4.7" square x 1.2" deep plastic frame with 5 blades. #4314, Unused, \$6.95

Hupp Vehicle Fan

12 VDC HUPP FAN with oscillating grill designed for use in cars, trucks, buses, RV's, etc where "extra" air movement is desired. Plugs into vehicle cigarette lighter and mounts on dashboard or other flat surface. White plastic enclosure has black grill and pivots on mount to adjust angle. Includes 4 ft cord and brackets. 5x9x3.4, 4 lbs sh. #HUPP-200-14, NEW, \$12.00; 3 for \$30.00



AC FANS

#TA300 3.1" sq X 1.6"D 7-blade mini-fan in metal housing; 115 VAC 50/60 Hz, 2 lb Used, \$8.95



5-BLADE COOLING FAN removed from military power supply; 4.3" dia rotation. 115 VAC 3300 RPM; with capacitor. 2.8"D. #FAN-2054, Used, \$3.50

5-BLADE COOLING FAN, 4.6" dia rotation; no enclosure. Mounting bracket hole centers 5.9" apart. 115 VAC 60 Hz. 2 lbs shipping. Airtrol #11-2100, NEW, \$4.95

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AXIAL FANS, 4.7" sq X 1.5" thick; 115 V 60 Hz. Removed from used equipment:



5-BLADE in metal frame; 18 W. Various mfg. \$8.95

5-BLADE as above except .26 amp & unused, \$13

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6" DIA AXIAL FAN 115 V 60 Hz 200 CFM; 5-blade in 6x6.8x1.5 metal frame; 3 lbs. USED, \$7.95

5-BLADE FAN, 6.8" dia mounted in 9.5x 11.3 aluminum frame with 8x8 removable filter. Motor 105/ 125 VAC 50/60 Hz 1/40 HP 3350 RPM; requires 4 mf 330 VAC capacitor (not supplied). 5.3"D behind panel, 10 lbs. #B201/MD141, USED, \$9.95



ROTRON TARZAN FAN, 6.8" square X 4" D plastic frame fan moves 340 CFM of air from 115 V 50-60 Hz 85 watt input; 5 lbs shipping. #TN3A2, Used-clean, \$19.95

6 FAN PANEL

17.3"W X 10.5" panel frame has six high output Torin TA450S (or =) 4.6" square 5-blade metal-framed fans Each fan rated 65 CFM and requires



115 VAC 50-60 Hz 0.11 amps; 12 lbs #6F-PNL, used-excellent, \$39.50

BLOWERS



Approximately 50 CFM Blower by Ripley Company #4599, Inc. Rated for 120VAC 60Hz 600ma. Outlet is 1 7/8" x 1 5/8". Overall blower size 4.4x4.5x4.9, 5 lbs sh. Unused, \$15.00

115VAC 60Hz 210ma Blower by Fasco Industries. CFM is unknown but we believe it is below 50. Has a common 1 1/4" diameter outlet for hose. Comes with a 4 hole mounting bracket. Overall dimensions excluding bracket 4.3x3.2x4.2, 5 lbs sh. #50745, Used, \$8.50



FAN-TYPE BLOWER, 115 V 60 Hz 20 watts; 4" plastic fan blades. Open frame low noise motor in metal case-type frame. Approximately 100 CFM. 13x5x2, 5 lbs shipping. Howard #1075-3102, used, \$4.50



CHECK OUT OUR LATEST FEATURE ITEMS AT FAIRRADIO.COM

AC MOTORS



BODINE AC GEARHEAD MOTOR 200 RPM 1/7 HP 35 in/lb torque, counter-clockwise rotation; 115 VAC 60 Hz input. Shaft 1.3"Lx 5/8" dia

w/ 3/16" square key. O/a 8.5"Lx5.6" dia; 14 lbs sh. #ECCI-35E200, used, \$28.95

240 RPM 115 V 60 Hz GEAR MOTOR for intermittent use; starts @ 32 V approx 200 RPM.

Increased volts increases torque. Gearhead extends 2.8" beyond motor; 1.1"Lx1/4" dia shaft. Motor 2.8x2.8x2.4 + 5/8"x3/16" dia shaft for fan on rear, 3 lbs sh. #MOL-2460, unused, \$5.95



GENERAL ELECTRIC REVERSIBLE FAN MOTOR, ball-bearing 115 VAC 60 Hz 1 amp 225 RPM motor. Use with fan blades unless cooled by other means. Has mount flanges and 5 mf capacitor; 4.5"Lx5.5" dia + 1.5"L x5/8" dia hollow shaft, 11 lb #5KCP39EGH210, new, \$12.00; 2 / \$20.

PRINTER MOTOR ASSEMBLY, 24 VAC 60 Hz geared to about 4 RPM; can be wired for clockwise or CCW rotation. 2.8x2.5" dia motor on 3.8" sq metal plate; 2#.

#MIZ-M0375R, used, \$3.95; 3 for \$10.



PROJECT MOTOR, 120 VAC 60 Hz 3.5 watts 25ma 4.8 RPM Motor. Ideal for animation displays or animation projects. 5/16" long x 1/4" dia. shaft. 1.2 x 2.5 x 2.4, 1 lbs sh., #S430.1 New, \$3.50

GM-4 MOTOR ASSEMBLY, geared motor in frame with shaft between 3.5" dia sprockets, 3.5" apart. Motor rated 24 V 400 Hz but can operate from 24 V 60 Hz @ 20 RPM when used with 4 mf capacitor.

Higher capacitance increases speed & torque. Stainless steel frame is removable; 7.3x5.3x2.8, 10 lb #GM4-AM-MO, used, \$9.95



Ametek Shop Vac Motor. This is the very high speed motor used in some shop vacuums. Unit as pictured, motor only with small cooling blades. Shaft approx .5 inch long, 5/16 diameter. 5.3x4.6x4.6, 5 lbs sh. #17749-00, Unused, \$12.95.

115 V AC-DC MOTOR, starts at 25 VDC, runs CW approx 7000 RPM 1/8 HP. 2.3x3x4.5 + 1.5"Lx0.4" dia spiraled shaft; 3 lbs sh. #AC-DC-H02, \$3.00

208VAC 50/60Hz 3 Phase 3400RPM 440ma Blower Motor by Rotron. Has 3/8" diameter x 1 3/4" long shafts on each end. O/A 8x4x3.5, 9 lbs sh. #18935, Used, \$20.00

DC MOTORS



AUTOROL MODEL 200 TIMING MOTOR, 5.4 VDC 19.9 RPM; draws about 100 MA with good torque. Shaft 3/8"Lx1/8" dia with flat; o/a 2.5"x1.8" dia. 1 lb. #200-266A, NEW, \$4.75

DC MOTOR, operates over 10-15 VDC 100 ma 2375-2425 RPM with governor. Shaft 5/16"L x 1/16" dia; o/a 2.9 x 1.1. #AST-GK26 \$8



DUNRITE 12 VDC PERMANENT MAGNET 1/4 HP MOTOR, 5300 RPM cont-duty; 12 inch-lbs of torque. Shaft 7/8"L x 5/8" dia both ends w/ pinned gears. 4.9x9x4.5, 13 lbs sh. #6294355, NEW, \$35.00

DC MOTORS



PITTMAN 12 TO 24VDC, 34 TO 75 RPM small motor. Draws around 220ma with load. Shaft is 3/16" dia x 11/16"L. o/a 3.7x1.3, 2 lbs sh. #GM8712D223, Unused, \$15.00

PITTMAN 12 TO 30VDC, 36 TO 90 RPM motor. Draws around 220ma with load. Shaft is 1/4" dia x 11/16"L. o/a 4.3x2, 2 lbs sh. #GM9413D109, Unused, \$18.00



MULTI-SPEED 24 VDC PM MOTOR can be wired for 11500 RPM 0.012 HP 0.7 amp or 3000 RPM 0.033 HP 2.3 amp operation; motor starts to turn at 9 VDC and is reversible.

6"x2.3" dia with 3.6" dia collar; geared shaft 0.6x0.4" dia. 3 lbs. SPERRY #2960031, used, \$8.95

GLOBE 27 VDC MINI-PM MOTOR, p/o Collins 618T P-A; splined shaft 1/4"L x 1/8" dia; o/a 1.7"Lx0.9" dia. #41A205, used, \$7.50

GLOBE 27 VDC 1/100 HP MOTORS, 2.5"IX1.3" DIA #C-25A686, 11000 RPM, p/o ARC-45, used, \$7.95



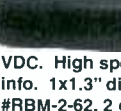
160 RPM DRIVE UNIT w/ clutch has Globe C-25A512 27 VDC 15000 RPM motor and clutch assembly. Motor operates with good torque over 5 to 27 VDC. 160 RPM output on 3/16" dia x 1/2" lg shaft. O/A 3 1/4x 4 1/4x 3 1/2, 3 lbs. #160DRV/618 used \$8.95

JOHN OSTER TYPE C2BP1A SERIES MOTOR, 27 VDC 1/100 HP 7000 RPM. 3"Lx2" dia + 1"L x 1/4" dia shaft; 2 lbs sh. UNUSED, \$3.95



27.5 VDC REVERSIBLE PM GEAR MOTOR, 85 RPM no load speed, 1/4 duty cycle; estimated 75 RPM 100 oz/in torque when under load. Shaft 1/2"L x 5/16" dia with ear. O/a 4x1.3x1.3, 1 lb. GLOBE #5A1231, used, \$14.95

NORTHFIELD ELECTRIC or HAMILTON BEACH, 28.5VDC, 2800 RPM motor. 3.1 amp with 1/40 HP. 1/4" dia shaft with removeable gear x 1/2" long. o/a 4" x 2.3", 3 lbs sh., #1-1501, Used, \$9.95 As above but 1/33HP, 3000RPM, 2.5A, #AWC-1000 \$10 As above but 1/15HP, 5800RPM, 4A, #AWL-1000 \$12



15 DEGREE STEPPER MOTOR from printer; requires +9 to +40 VDC. High speed & performance w/ driver circuit info. 1x1.3" dia shaft; o/a 5.8"x1.6" dia, 2 lbs sh. #RBM-2-62, 2 ohm field, \$12.50 #RBM-4-62, 4 ohm \$15.00 #RBM-6-62, 5.8 ohm \$17.00

15 degree 4-PHASE VR STEP SERVO, 5 ohms 1.5 A; 28 VDC input pulse 3/4x 1/4" dia shaft; o/a 3x3 1/4x3, 2 lbs. sh. Made in Canada; removed from equipment. #20M34C1, \$10.00



HONEYWELL 90VDC, 1800 RPM motor. 9 amps at 1 HP. 5/8" dia shaft on each end. One side is 2 3/4" long with the other 3/4"

long. o/a 15.8x6.4x6.9, 30 lbs sh., #SR3644-2509-7-56BC, Used, \$125.00

MAGNETEK VARIABLE SPEED 3/4 HP DC MOTOR. 90 VDC 10 Amps 3450 RPM. Rated for CCW rotation comm end. 11.3 x 4.9 dia. 22 lb sh. #22254200, Unused, \$150

Selsyns & Synchros

1HCT-MKII CONTROL TRANSFORMER 90/55 V 60 Hz; 3.6"Lx2" dia. 2 lbs. sh. USED, \$20
23CT6 TRANSFORMER 90/1V / degree 60 Hz, \$12.
23TR4 RECEIVER, 115 VAC 400Hz, used \$10.00



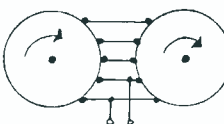
2J1H1 SELSYN DIFFERENTIAL GENERATOR operates @ 57.5/57.5 V 400 Hz or @ 26 V 60 Hz. 4.3"Lx2.3" dia, 1 lb. USED-less connector caps, \$7

TACHOMETER GENERATOR, motor 265 V 400 Hz 2 phase generator 18 V 400 Hz 0.3V/1000 RPM. No load speed 10000 RPM. 2 1/8"Lx1" dia 3/16"Lx1/8" dia shaft. #TACH-SEL-MOD, \$7.95

PHASE SHIFTER, unsymmetrical resolver; rotor 1 phase 5 V 30 Hz. stator 2 phase 5 V 30 Hz. 1.4" dia x 2"L. #PS-17-E-1, used, \$10.00

AY-1 AUTOSYN as used in I-81/ I-82 indicators; \$7.50

UNITED STATES NAVY SYNCHROS, Description and Operation, a copy of Publication #OP 1303 printed April 1958; 100 + page primer about selsyn/synchro theory and types. \$12.50



WIND DIRECTION INDICATOR using 26 V 400 Hz selsyns. Design your wind vane and indicator for monitoring wind direction from indoors.

Two selsyns required for project; 2 lbs sh. #WIND-SEL, used, \$9.95 each

Compass Indicators



3" DIA 0-360 deg-ree RADIO COMPASS INDICATOR, adaptable for wind direction & antenna position use; 5 degree increments, 2#. #I-81, used, \$13.

BENDIX IN-4D LEFT-RIGHT INDICATOR, 3" dia WW-2 vintage instrument shows wing-tip position relative to ground; requires 24 VDC. 2 lbs. \$15.00



SPERRY MARINE INDICATOR MARK XX MOD.2, part of ship-board gyrocompass repeater. Has 8" dia 360 degree scale in 1" increments under glass; uses two Size-5 115 VAC 60 Hz selsyn transmitters. One drives inner directional indicator; second outer degree scale. With 7 ft cable & special connector; 10" dia X 8.5"D; 45 lbs. UNUSED, \$185.00

R-C Networks



R-C Network - 0.47mfd 600VAC, 220 ohm 7 watt, 3 phase. Made by R-K Electronics. 1.5x4.7x3, #RCY6A-30, \$12.00

R-C Network - 2mfd 600VAC, 100 ohm 3 watt. Made by Electrocube #RG1676-7, 1.3x2.9x1.3, \$9.95

R-C Network - 0.5mfd 600VAC, 220 ohm 1/2 watt. Made by Electrocube #RG1676-35, 1.3x2.9x1.3, \$9.75

EMAIL US YOUR INQUIRIES AT FAIRRADIO@FAIRRADIO.COM

HV CAPACITORS

ENERGY STORAGE CAPACITORS
Non-PCB, removed from equipment;

7.1 mfd at 5KV
non PCB capaci-
tor removed from
equipment. Made by GE. 1.9"Dx3.5"W
x9.2"H, 4 lbs sh. used p/o\$18.00

88MF 1.2KVDC 10"Hx4.5"Wx3.5"D,\$17.50

41 MFD 2.25KV DC, 3.8 x 4.6 x 7,
7 lbs. UNUSED, \$20.00

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SPRAGUE JX FILTER
0.1 MF 3500V
C-D mfg \$2.50

.4 MF 100KV Cap.



A high voltage experimenter's dream!
41" long x 8.7" diameter 0.4 MF
100,000 VDC capacitor removed from
an exotic government project! Non
PCB. 1.4"L x .5" dia #18 stud ends,
97 lbs sh. #100MV04, \$350.00

RF CAPACITORS

CENTRALAB 850- TYPE
"doorknob" capacitors,
0.5"H x0.8" di; USED, \$6

SPECIFY:

10, 25, 28, 40, 50, 63, 67, 75 pf (7.5 KV)
80, 100, 120 pf (5 KV)

1200 pf 5KV from Cera-mite, epoxy
make, same size as above. \$6.00

TYPE 858: 1000 pf 5 KV, \$8.00

TYPE 857: 15 KV, 40 or 50 pf \$10.00

33pf 15KV from HEC type HT57, same
size and style as Cent. 857, \$10.00

120pf 7.5KV low profile doorknob, 1.6"
diameter x 0.6 height, #AAH42, \$6.00

25pf 5KV from HEC type MT53, axial
leads, Unused, \$5.00

BROWN MICA

JAN CM-size 1.8" x1.6".
USED, \$1.25:

MFD	WVDC	CM
.02	600	55
.033	600	55
.005	1200	55

+++++

CM55 .0003 1200 \$2.50

CM60 .0003 2500 \$3.25

CM65 .0062 2500 \$3.50

.01 2500 \$4.00

.002 3750 \$5.00

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F1L-size MICA, 2.8x1.5x1:

0.006 mf 2500 WVDC, \$4.00

0.0001 mf 3000 WVDC, \$4.00

0.0007 mf 3000 WVDC, \$4.00

F3L 0.007 mf 500 VAC, \$7.50

Computer Grade

MFD	Volts	Size	Price
23000	7	5.5x1.5	\$6.00
28000	15	4.5x2	1.50
52000	20	6x3	1.75
19000	40	4.5x2.5	2.50
4900	50	3.5x1.5	2.00
3500	55	4x3	1.50
14000	75	6x3	4.25
1250	180	4.5x2.5	2.00
10000	300	9x3	20.00
1500	350	4.5x2.5	20.00

Buy 5 or more one type - take 20% off

CLAMP for computer grades:
2.0" dia, 3 / \$2.00 2.5", 3 / \$2.25

Electrolytic/Paper etc.

2500 mf 3 V	3.5x1	6/\$1.
100 mf 16 V PC,		4/\$1.
6800 mf 16 V axial,		4/\$1.
10 mf 30 V axial tant		3/\$1.
4.7 mf 35 V drop tant		3/\$1.
1000 mf 35 V axial,		3/\$1.
4.7 mf 50 V axial,		3/\$1.
1500 mf 63 V axial,		2/\$1.
0.33 mf 100 V orange drop,		2/\$1.
250 mf 150 V axial,		2/\$1.
0.1 mf 200 V orange drop,		2/\$1.
1 mf 200 V axial,		2/\$1.
20mf 250V metalized poly propylene,	3/\$2	
3x20 mf 3x250 V Paper	3 / \$2.50	
0.33 mf 300 V metalized	3 / \$2.00	
1 mf 300 V axial,	3/\$2.	
0.33 mf 400 V mylar,	2/\$1.	
3.3 mf 400V metalized poly propylene,\$2		
0.1 mf 400V case ground,	\$2.	
8 mf 400V axial,	\$2.	
22 mf 450V axial,	\$2.50	
220 mf 450V PC Mount,	\$3.50	
0.022 mf 1600 V plastic,	2/\$1.	

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1KV Discs: 100pf, 200pf, .01mf; 7/\$1 100/\$9

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DIPPED MICA CAPS, +/-10% 100 v;
3/\$1. pf: 18 22 27 33
82 150 220 470.

2 f / \$1. pf: 750 1000 1200
* 1800 pf 300 v. 3 / \$2.50 *

+++++

ERIE 1202 SUPPRESSION CAPS, 1 KV
used: 1000 pf 3 / \$2.25; 7000 pf 2 / \$2.

Transmitting Mica

G-SERIES TRANSMIT-
TING CAPACITORS,
used-good or unused
as available.

G-1-type, 2.3"H x 2.8" dia; 3 lb \$7.50

KV MFD	KV MFD
1.0 0.04	6.0 0.0002
1.5 0.08	6.0 0.00024
1.5 0.039	

G2, 3.5"Hx3" dia, \$12.00

2.0 0.03	10.0 0.0002
	20.0 0.00005

G3, 4"H x5" dia, \$18.00

2.5 0.15	10.0 0.00015
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G4, 5.5"Hx 5" dia. 8 lbs. \$32.00

4.0	0.084
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AC CAPACITORS

5 mf 220 V 1.8" dia x4.5; cylind.	\$2.00
2x100 mf 240 V 2x3.5x10;	\$3.00
7.5 mf 260 V, 2.8x2x1.3,	\$2.00
3.5 mf 330 V 1.3x2.1x2.1;	\$2.50
12 mf 330 V 2" dia x4.9; cylind.	\$3.50
15 mf 330 V, 2.2x2.9x4;	\$3.50
20 mf 330 V, 2.8x5x1.8; 3	\$4.00
21 mf 345 V, 3.7x1.8;twin lead	\$4.00
2.5 mf 360 V 1.2x2x2.6;	\$3.00
3 mf 370 V 1.3x2x2.7;	\$3.00
10 mf 370 V, 2.8x3x1.8; 2	\$3.75
4 mf 380 V 1.3x2x4;	\$3.50
35 mf 440 V 9x3.5x1.8; 4	\$7.00
7.5 mf 480 V 1.6x2.6x4.6;	\$4.00
21 mf 525 V 1.9x3.5x6.7;	\$7.00
10 mf 550 V 1.9x3.5x5;	\$5.50
6 mf 600 V 1.6x2.6x4.8;	\$5.00
7 mf 660 V 1.2x2x5.1;	\$5.00
18 mf 600 V 2.8x4.6x4;	\$7.00
27 mf 700 V, 9.3x4.3x2.7, 8 lb	\$7.50
5 mf 1000 V pk 2.8x6x2	\$3.50

MOTOR-START CAPACI-
TOR 43 mfd 330 VAC
plastic enclosed electrolytic; 4.4x2"
dia, 1 lb. #MSP-77725, \$2.25

IGBT Capacitor

Offers protection against
voltage transients in low
to medium current IGBT
applications where high
dV/dt is encountered. 2
MFD at 1000 VDC. 26.2
ARMS (55 degree C).
400dV/dt (volts per micro
second). High peak and RMS current
capability. Mounts directly to the IGBT
module. Low inductance - less than
20nHy. Low loss polypropylene dielec-
tric. Self healing. Flame resistant case
and resin. 1.5"W x 2.05"L x 1.5"H,
#SCD205K102D3-24, Unused, \$5.00

Vacuum Capacitors

VACUUM VARIABLE CAPACITORS,
removed from equipment & tested.
Jennings or equal mfg.

#CVA-7-5, 3.5-7 pf 35 KV 4.3"Lx3"
dia, 5 lbs sh. UNUSED, \$55.00

100 to 4000pf
at 10KV
Vacuum

Variable Capacitor by Jennings.
17.5" long x 8.2" diameter with a
1/2" diameter shaft. 37 lbs sh.

#CVEC-4000-10, Unused, \$650.00

VACUUM VARIABLE CAPACITOR
assembly with UCSSL-1000-3 7-1000 pf 3

KV vacuum vari-
able and 28 VDC
drive motor & gear
assembly. Runs on
6 VDC up. 8x6.8x3,
7 lb #C501/180L,
used \$74.00

FIXED VACUUM CAPACITORS
various mfg; used:

CY-3-25, 3 pf 25 KV cer. .33"Lx0.8" \$12
JCS-2A-10, 25 pf 10 KV, 2.6Lx1.5 \$15
VC-12-20, 12 pf 20KV; 6.5Lx2.8 \$14
CFEA-150-7 150 pf 20 kv; 3.3Lx2.3 \$75

AIR VARIABLE



5 Gang Air Variable
Capacitor covering
20 to 425pf per
gang with a .02" air
gap. Has a 3/8"
diameter shaft x

1/4" long. Overall 6.4x3.2x2.8, 4 lbs sh.
#5G-425, \$16.00



Same ratings as
above except has a
removeable right
angle drive which
accepts a MC-124 tuning spline. Also
has a longer shaft. With the right angle
drive removed the shaft is 3/8" diam-
eter with 1" length. #5G-425-GR, \$17.00



SINGLE GANG 8-26 pf
0.06" air gap; 2.8" disc
removes for 0.5"L x 1/4"
dia shaft. W / four 1.8"H
insulators. Capacitor

1.5x2.8x3.1 o/a #T7660443-8, used, \$6

SINGLE 12 - 475 pf 0.02" air
gap; vertical mount. Shaft
0.4"Lx 1/4" dia. o/a
3.8x2.4x2.5, Used:
#C123/URM25, \$9.00



MINI-VARIABLE, 10-220 pf w/ 0.5"L x
3/16" dia shaft; o/a 1x1.3x1.1.
#1800-07, \$3.50



BC-624 RECEIVER RF
TUNER for 100-156 MHz
AM; with variable capaci-
tors, coils, etc. P/o SCR-
522 5x5x5, 7 lbs sh.
#22K11150, used, \$6



RECEIVER-TYPE VARIABLE CAPACI-
TORS, multi-section with 500 Volt or
less spacing.

3-GANG, 35-540 PF per
gang; 500 V-peak.
Shaft 3/4"L 1/4" dia;
o/a 4x1.8 x1.6, 1 lb
#ASP-074-048 new \$10



3-GANG, 25-440 PF per gang; 500 V-
peak. Shaft 3/4"L 1/4" dia; o/a 3.5 x
1.6 x 1.3, 1 lb #ASP-440, Unused, \$10

Sub-mini Piston Trimmer Cap 1.5-4.0pf
500V. By JMC #7666 Unused, \$5.00

- - TRIMMER CAPACITORS - -
with screwdrive adjust shafts:

#C2-8, 2-8pf, NPO	2 / \$1.00
#C653/R174, 2-11pf,	2 / \$1.00
#C2-16, 2-15.7pf,	3 / \$2.00
#C103/382, 4-23pf,	3 / \$2.25
#C5-25, 5-25pf, NPO	3 / \$2.50

FM TUNER



ALPS FM TUNER
with 3 gang variable
capacitor and IC
oscillator - no AM
component. 75 ant,
300 IF jacks. 1/4" dia shaft, 5.5 x 2.5
x 3.3, 2 lb shipping. #00234229,
NEW, w/ schematic, \$7.95

PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

RESISTORS

5/10 W, 4 / \$1.00: 20/25W 3 / \$1.00
5 WATT: ohms 10, 100, 350,
2K, 5K, 7.5K, 15K

10 WATT: 0.33, 2, 10, 84, 1K,
2K, 3.5K

20 WATT: 630, 2K

25 WATT: 0.33, 1K, 10K

+++++

0.5 OHM	30 WATT,	3 / \$2.00
1.67 OHM	35 WATT, flat,	3 / \$2.00
2.5 OHM	50 WATT,	\$1.00
10 OHM	31 W, Dale 5%,	2 / \$1.00
15 OHM	95 W, Dale 5%,	\$1.00
22 OHM	53 W, Dale 5%,	3 / \$2.50
25 OHM	50 WATT,	3 / \$2.00
1300 OHM	53 W flat-used	3 / \$2.00
1600 OHM	43 WATT,	3 / \$2.00
2000 OHM	43 WATT,	3 / \$2.00
3000 OHM	68 WATT,	\$1.00
4000 OHM	50 WATT,	3 / \$2.50
40M OHM	2.5"L x .6" dia	\$5
80M OHM	6.5"L x .6" dia.	\$7

+++++

OHM	WATT	L x Dia	PRICE
750	100	6.5"x1.3"	\$1.25
25	225	10.5"x1.6"	\$3.50

+++++

FERRULE CLIP-ON MOUNT:

2.5M	2.5	5.4"x1.4"	\$2.50
800	90	7.5"L x1"	\$1.50
11	140	11.5"x1.2"	\$2.00
82	203	11.5"x1.2"	\$2.50

Precision Resistors

DALE (or =)
POWER RESISTORS
metal-type:

OHMS	WATT	PRICE
1.96	30 1%	\$2.00
39	15 1%	\$1.00
43	250 3%	\$4.50
50	20 3%	\$1.25
1370	50 1%	\$2.50
1400	120 1%	\$3.50
2500	25 1%	\$1.25
3000	25 1%	\$1.25

+++++

most +/-1%; 3 / \$1.00

1.5 ohm	3.0 w +/- 5%
5 ohm	0.33 watt
90 ohm	0.50 watt
600 ohm	0.25 watt
4K ohm	0.50 watt
10K ohm	0.50 watt
58K ohm	0.50 watt
1.04M ohm	0.33 watt

0.33	3	1%	2 / \$1.00
3000	2	1%	2 / \$1.00
902K	2	1%	3 / \$2.25
1 MEG	15	5%	\$3.00
10 MEG	20	3%	\$5.00

Slide Resistors

with variable slide adjust:

2 OHM	25 WATT,	\$1.00
4 OHM	25 W + 4 fixed 3 /	\$2.25
20 OHM	25 WATT,	\$1.00
50 OHM	50 WATT,	\$1.35
50 OHM	160 WATT,	\$2.50
100 OHM	150 WATT,	\$2.50
250 OHM	200 WATT,	\$3.00
500 OHM	160 WATT,	\$2.50

+++++

WARD LEONARD ENCLOSED 40
OHM 300 W vari-resistor;
600 V max. Fits 0.5" dia shaft.
3H x 6.5 #2130-40, \$14.00

+++++

DALE 70 WATT 5%
6- RESISTOR BANK,
two ea 6 & 8 ohm.
one ea 6 & 8 ohm;
6"Lx 3" H.
#R6X70W, \$4.50

+++++

PRECISION RESISTORS
KIT, 25 asst. Carbon or wire-
wound 1% \$1.50/ kit

RHEOSTATS

First set of numbers
after RHEO-prefix is
wattage; your choice of
ohms is second set.
SCD= screwdriver adjust
type. Style varies;
USED or UNUSED:

#RHEO-25W (ohms), \$1.50 ea
6-scd, 7, 35-scd, 60-scd, 75,
200-scd, 350, 400, 500, 600 scd,
800, 1500, 20K
DUALS \$2.75: 100/500

#RHEO-50W (ohms), \$2.25 ea
5, 8, 16, 18, 30, 35, 200, 225,
300, 375
DUALS, \$4.00 ea: 16, 20, 35

DUAL 50/25 W 800/500, \$4.00

#RHEO-100W- 20 ohm, \$4.00

#RHEO-150W 2 ohm \$3.50
-150W 15 \$5.00

#RHEO-225W- 3 ohm, \$4.00

#RHEO-300W- 50, 3 lbs \$8.00

POTENTIOMETERS

ALPS or = with switch; 5/8" dia + term.
Shaft 1/4" dia:
10K, 50K or 100K, \$1.00 ea

10-TURN PRECISION POTS, 1/4"
dia shafts: #A-R100-L25, 100
ohm 2.8"Hx1.8"dia. \$6.95

#731A-R50K-L.5, 3-turn 50K ohm 5%;
2"Hx1.8", NEW. \$6.00

Grimes #A-4627 Four
Section Pot. w/ knob; 1K
ohm at 2 watt per section,
unused \$2.50

Cases & Enclosures

ALUMINUM
ENCLOSURE &
frame from antenna
coupler. Adapt as-
is or re-work;
7.5"Hx10"Wx 10"D
+ removable
4.5"x2.5x3"D front ant-insulator. Cut-
outs for 1.8" meter & two connectors.
8 lbs sh. #ENC/180L3, used, \$7

ALUMINUM ENCL-
SURE with black crin-
kle finish.
Removeable front
face with handle.
Has a multi-pin con-
nector along with 4 small pin jacks on
front face. 8"Dx5.8"Wx4.3"H, 5lbs
#ENC-CU865, used, \$10.00

STEEL ENCLOSURE
with metal feet and hasp
fasteners. 6.5"Hx9.3"W
x5"D; 5 lbs sh. USED.
#ENC-RM-39, \$3 ea; 2/\$5.

Original electronics
removed making
these "ripe" for your
projects! Black alu-
minum with handles; no
chassis.

#IFPC-ENC, 0.1" thick front panel has
2x24 2.3"H ventilating slots; rear has
four 3"dia holes for fans.
7.8"hx12.8"wx12.8"d, 11 lb \$19.95

TEST SET CASE o/a 9"Wx
8.4"Hx9"D aluminum box
includes 3.8"H cover with
storage compartment.
Also hasp fasteners (not
hinged), carrying handle &
rubber feet; Cover may have slight
split at corner; 5 lbs #CS-3797,
unused, \$9.95

INSTRUMENT
CABINET for HP-
test set; adapt to
other uses.
7.6"H x
19"Wx9"D + 4"D cover less 1" over-
lap; three 6"Hx5"W compartments;
w/fasteners & strap; 17 lbs sh.
#CS-HP3550, used, \$27.00

Ideal enclosures for your next pro-
ject! All items below are black alu-
minum chassis with dark grey front
panels. The top and bottom of each
of the units are heatsinked with
1/10" fins. The overall dimension of
each unit is 9 5/8" deep x 5" tall. All
enclosures have multiple 1/4" diame-
ter holes on the front plate. They
differ according to width.
Used excellent.

1 15/16" Wide, 3 lbs sh, #ENC-4-2, \$9.50
4 1/8" Wide, 4 lbs sh, #ENC-10-4, \$12.95
5 9/16" Wide, 5 lbs sh, #ENC-8-6, \$14.95

Large Cases

LARGE ALUMINUM
TRANSIT CASE with
rounded corners, hasp
fasteners & carrying
handles;
20.8"Hx28"Wx17"D
including 6"H top. Spot welded com-
partments + 2 nesting trays; 66 lbs.
#CY-3700/PRC-47, used, \$28.00

FIBERBOARD CASE
with reinforced steel
corners; black vinyl
covered. Hinged with
two twist-locking hasp
fasteners. Foam lined
12.x12.5x11 large compartment plus 3
smaller ones; o/a 18.5x 18.5 x17.5"H, 20
lbs sh. #CS-FIB1818, used, \$17.50

ALUMINUM CASE
with hasp fasteners
not hinged. Easily
removeable springs
inside. Overall dimen-
sions: 8.7"Dx 20.5"W
x18"H, 22 lb Unused, #TA-219 \$24

Rack Cabinets

Standard 19"
Aluminum
Rack Cabinet,
has 12.7" opening
for height
and 12" for
depth. Not
enough depth
for R-390A or SP-600 radios unless you
remove the back panel. All panels are
removeable. Cabinet is missing the bot-
tom panel but does have a chassis
plate which covers most of the bottom
leaving just a 3.3" gap. Comes with the
front panel which has many holes from
removed phone jacks, meters, etc. Has
two handles. 21 lbs sh. #RC-19, Used
good condition, \$49.95

Steel Rack Equipment
Cabinet w/ rear door. 76
1/2" full panel height.
O/A dimensions 24" wide
x 22" deep x 84" Height.
4" wide x 3 5/8" tall wire
channel protrudes from
the top beyond the 84"
height. Inside two strips
of twelve outlets run ver-
tical along one side.
There are two outlets on
the outside bottom front
and two outlets inside
towards the back on the
bottom. Comes with
trouble light. Made by
Dehler Mfg. 380 lbs sh.

Shipped motor freight. #5115, unused,
\$175. ea; 2 for \$250.00; 4 for \$400.00

Equipment Glides

Military quality for rack mounting; 2"W
x 18"L; chassis
slides have 21"
travel. Load rat-
ing approximately 100 lbs; 6 lbs sh.
#GL-1821, used, \$13.50 per pair
Same as above but 16.5" long, #GL-
1621, \$13 per pr.

Same as above but 12" long, #GL-1221,
\$12 per pr.

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

COILS



#C-447 coil for BC-610 xmitter 4.5"L x 4.5" dia; 3 lbs sh. UNUSED, \$12.00
#C-389A, 4.5-5.7 MC 3.4", \$8.00

VARIOMETER COIL pull out of ART-13 transmitter, 6 turn 3" diameter stator with 2.5" diameter 7 turn rotor (2-11 Hy); #12 tinned wire. Fiberboard end plates; spline drive. o/a 5"H x 4.5"L x 2.5"W. 3 lbs sh. #L112/ART-13, USED, \$16.95



L8 COIL for T-4/FRC 400 W xmitter covering 2-3.5 MC (44 uH) without variometer; 4.5" dia X 6.5"L plus 9 banana jacks on ceramic strip; 3 lbs sh. #199-6262, UNUSED, \$10.00



MO & PA TANK COILS from 10 to 12.5 KHz TU-10 TX tuners. Ceramic coil 5"Lx2" dia on 7"x3.1" mount bracket; #12 wire, 2 lbs sh. USED: #2684/TU10 MO; 2.4 uH, \$4.25 #2697/TU10 PA; 1.35 uH, \$4.00



RF MASTER OSC COILS: #T53/6032, pull out of T-22/ARC-5 7-9 MHz xmitter; \$4.00
#L101/ART13, ceramic 2" H x 1.6" diameter base. \$4.00

TELEPHONE PICK UP COIL p/o modem coupler; no info. 5/8x1.8" dia. #403-4, \$1.00

FERRITE CORE INDUCTORS PC mount; 7/8x 3/4" dia. #NV243, 123-177 mH, \$1.50

Small Inductor, 1.5 mH, 1 ADC, 5V, 12KHz, .5 ohm DCR, PC mount. #80063, \$1.95; 3 / \$5.00



Ribbon Inductors



Ribbon Inductor with motor drive; two 5.4"L x 3.4" dia coils with 288" of drawn silver ribbon (0.125"Wx0.01" Th) wound between; approx 28 uH. Ribbon transferred from coil to coil by 28 VDC motor. P/o Collins 180L3 antenna tuner. O/a 9.3x 5.8x5.8, 10 lbs #L401/180L, used, \$19.95

VARIABLE RIBBON INDUCTOR, p/o T-195 2-20 Mhz 100 W xmitter. Two 4.6"L x2.8" dia drums (one slug core) with 3/16" W silvered-ribbon; 30 turn 4" L coil for 160 uH. 26 VDC motor rotates drums transferring ribbon from one drum to the other. O/a 8.3x5.6x6.3; 10 lbs sh. #L1101/T-195, USED, \$22.50



Roller Inductors



ROLLER INDUCTOR ASSEMBLY with 115 VAC 400 Hz motor drive, 3.4" lg x 1.75 dia coil; 28 turns #18 wire approx 14 uH with center tap. Designed to resonate antenna to a transceiver's frequency. 4.5x2.8x3.8 5 lb used #T301/CU-991, \$7.50

Assembly from AM3349/ GRC-106, includes L1 0.5 to 40 uH variable inductor, L2 37 uH fixed inductor, C27 15-355 pf air capacitor, 26/ 1000 pf feed thru caps, S1 2-deck 5-position ceramic switch and two Globe or = 24 VDC motors. LESS C26 vacuum cap. Cutting of plastic supports required for parts recovery. (See April 98 73 Magazine for project.) 5.5 x 9.5 x 5.5, 10 lb #AL-AM3349-96, used \$29.50



PLATE ROLLER INDUCTOR 26 turns #16 silver plated wire 3.7"L x 2" dia coil; 14.5 uH max. 115 VAC 400 HZ motor and 20K ohm multi-turn pot; will run on 26 V 60 Hz. Can be adapted to direct-drive. O/a 6.8x4x5, 3 lb #L13/ARC-58, used \$27.95



L5 ROLLER INDUCTOR, 26 turns #18 silvered wire 2"Lx1.1" dia coil; 8.4 uH max. 115 V 400 Hz motor drive like above; runs on 26V 60 hz. Adaptable to direct drive. O/a 6x3x4.75, 3 lb #L5/ARC-58, \$12



ROLLER INDUCTOR KITS includes 4.4"L x 1.5" dia ceramic coil with 40 turns #14 silvered-wire, roller wheel, guide shaft & springs. 3/8" dia shafts have removable pinned gear. End support plates not supplied; 3# #L22-PRC-47, 22 uH, \$16 #L35-PRC47,35 uH w/ part slug core \$15 # L40-PRC47,40 uH w/ full slug core \$15



Standard Relays



OPEN FRAME RELAYS with heavy 10 amp silver contacts; mi-calex insulated. 1.8x2.4x1.8, 1 lb sh. USED-CLEAN: #22-4383 DPST NO, coil 115 VAC 60 Hz 400 ohms, \$14. #22-4384, DPDT, coil 6.3vac1 ohm \$16 #1007-BF, = HRX-1, used, \$8.

MAGNACRAFT SPDT, 12 VDC 10 amp contacts, 100 ohm coil; Open frame; 1.8x1.3x1. #88X-150A, NEW, \$2.50

GE#3SBW1001A2 SPDT 9.6-15.8 VDC relay 206 ohm coil; used in GE mobile transceivers. For solder or socket connections. 1x1x3/4. NEW, \$1.50 each. 24/\$25.00



DPDT 12 VDC 800 ohm coil, 2 Amp cont; socket or solder. #R10-E1-Y2-S800 new \$3.00

P&B KR-4175-1 DPDT PLATE RELAY; sealed metal can, requires octal socket. 2.5x1.5x1.4, unused, \$2.00

OMRON 3PDT RELAY, 24 V DC 650 ohm coil; 2 A contacts. 11-pin plug-in/solder lugs. 1 x 1.5 x 0.8; #OM-MY3 \$2.00

3PST 120 VAC coil, 10 amp 1/4 HP contacts; clear cover, w/socket. P&B KU-4666 \$3.25

4PDT 12 VDC 185 ohm coil, 2 A 29 VDC cont; w/ socket. 1.1x0.7x1.3; #TF154-CC, \$2.



P&B #AKC7DY DPST n.o. 24 VDC coil; contacts 120/240 V 10/ 5A. Metal cover w/ lugs. 1.5x3x2.3; 1lb. NEW, \$2.95

DUAL DC COIL each 3PST; one 24 V, other 48 V. PC-mt. 2.8x1.5x1.3; #116-2601, \$2.50

115 VAC 60 Hz COIL 25 amp @ 28 VDC/ 115 VAC contacts; solder terminals. 1.8x 3x1.8; #26S20/2054, USED, \$4.00



K3 Relay removed from the T-368. 380 ohms 115VAC 60Hz. High voltage: SP-NC 2500VDC at 500ma. Low voltage: SPDT 500VDC at 10ma. #K3-T368, \$25.00



Open frame relay 24VDC 230 ohm coil. 3PST N.O. 10 amps 120VAC / 5 amps 240VAC. SPST N.O. 1 amp 24VDC #DOUX-2055, \$3.95



4PDT 48VDC 3700 ohm coil; 1x1.5x1.7, MHX4069, \$1.50

DOLLAR DAZE RELAY KIT, five plastic enclosed mixed relays 6, 12, 24 VDC and/or 115 VAC. #DD-56-98, \$2

Sensitive Relays



SENSITIVE RELAY SPDT 6 to 12 VDC 1500 ohms, contact adjust. 2.8x2.2x2.3 1 lb shipping. #RM39/1901 used \$1.50

Sealed SENSITIVE RELAY, 50 ohms 28 ma coil; DPDT contacts. Solder hooks; 1x1x2 1/4. #R400-2B-50 \$2.95



ULTRA-SENSITIVE P&B 6 VDC DPDT RELAY, coil 500 ohm res. < 40 mv nom. power. Contacts rated 2 amp @ 28 VDC/120VAC; solder or socket mount. #R10-E1Y2SS500, NEW \$3.50



RELAY SOCKETS

10-BLADE Relay Socket for track mount of above; pressure screw terminals; 2.8x1.4x2., 1 lb Weidmuller #RS, Unused, \$2.50



P&B 4PDT RELAY SOCKET w/screw terminals, Rated 5 A 300 V max. #27E166, NEW \$3.00



Stepper Relays

ROTARY STEPPING SWITCH 115 V 60 Hz ratchet-type; modify to take upto 17 contacts with electric reset. 4.2x3.2x2.5, 2 lbs #SS-109216, \$3.75



ROTARY RELAY, 28 VDC; one wafer, all contacts used. Has shaft w/ 2" arm. 2" x .9" dia. #8002-32 used \$6



LEDEX 28 VDC SOLENOID, 8-position 45 deg stroke. Start torque: 5 lb-in 35 W (15 lb-in holding) cont. duty; 32 lb-in 700 W 1/20 duty. 7S-size 2.8" dia x1.9" W; 1/2x3/8" dia shaft. 4 lbs. #S-8210-025, UNUSED, \$4.95



REED RELAYS

4-REED RELAY CIRCUIT BOARD, 3 / 500 ohm & one 5K ohm 10-15 VDC relays; also a 26 VDC DPDT sealed relay. #792-312, \$3.00



ELECTROL 5 VDC REED RELAY, low current SPST norm-open contacts; 0.7"x2.5"x0.6". #R4376-2, NEW, \$2.25

SOLID STATE RELAYS

Opto 22. 3-32 VDC Control, 5-60 VDC operating, 2.3 x 1.7 x .9, NEW, #DC60S5, 5 amps \$8.50
#D4D12, by Crydom, 0-400VDC line. 12 amps. 3.5-32VDC control. New, \$10.50



TIME DELAY RELAY

P&B 4PDT 24 VDC 5 amp contacts. Adjusts 1.0-45 sec with 15-turn pot, polarity protect. 1.6 x 1.3 x 0.8, #R12-30-24-X4-EI, NEW \$9.95



CHECK OUT OUR LATEST FEATURE ITEMS AT FAIRRADIO.COM

Vacuum Relays



JENNINGS RB-1H SPDT 26 VDC 270 ohm coil; 12 KV pk AC/DC 15 amps cont. W/ mount flange; 2.3"Hx1.5" dia, 1 lb USED, \$49.50

#RJ1A-26 SPDT 335 ohm; 3.5 KV pk 18 A AC/DC. Max-open/release: 8 ms. 1.3"H x0.8" dia, used, \$35.

SPDT VACUUM RELAY ASSEMBLY antenna transfer relay p/o Collins 180L3 antenna tuner; coil 28 VDC 38 ohms. O/a 5x6x2.3, 3#. #K712/180L3, used, \$20



Vacuum Contactors



JENNINGS SPDT CONTACTOR RELAY, rated 1 KW @ 300 MHz, 3 KV test. Actuator 6 VDC. Has 4-pin Cannon power & three SC coax connections. 3.5x3.2 x4, 2 lbs. #RC47R6153M430, NEW, \$75.

JENNINGS SPST VACUUM CONTACTOR for 3-1/8" (78 mm) dia hardline coaxial hook-up; rated 25 KW @ 30 MHz; 20 KV peak test; actuator 19-29 VDC. 4x8x3.8, 7 lbs. #RC10A5225A24, unused, \$99



JENNINGS SPDT RF CONTACTOR for high power transmit and process equipment. 26.5 VDC actuator switch rated 300 amps @ 2.5 KV peak; pk test 10 KV 60 Hz. Sealed enclosure w/ mount flange; connector not available. 5x 5.3 x9.5, 22 lbs sh. #RF20BLDE812-I, \$150.00



CONTACTORS

CONTACTOR RELAY, 12 VDC coil & 12 V SPST norm-open contacts; 20 amp. 2x1.8x1.1; 1# #81-2450-1, \$3. 10/\$24.



SIEMANS CONTACTORS, 80 VDC coils, 2 lbs. NEW: #3TH12022 2 NO+2NC; contacts 230/600 V 3/1 amps. Aux contact 10A 240 VAC; 2.8x1.8x1.8. \$6.50



8PST CONTACTOR, rated 660 VAC 6 amps; coil 80 VDC. 3x4.5x1.8, 2#. Schindler #MRG-44E, NEW, \$14.95



24VDC CONTACTOR, SPST n.o. 28 VDC 50 amp contacts; 27 ohm coil. 2.5x2.7x 1.8, 1 lb. #MS24166-D1 \$4.75



INTELLITEC SPST Latching type. 12 VDC 50 AMP contactor designed for use in RV's; flange mt. 3.5x 3.5x2.5; 1 lb #01-00055 \$6.50



Coaxial Devices



SPDT Microwave Switch designed for high performance in microwave systems to 12.4 GHz.

Has three TNC connections. Requires 24-30VDC. 3x2.70.9, Jay-EI Products #D2-313B008, used, \$40.00

MINICIRCUITS #PSW-1211 DIODE RF SWITCH w/ 3 - SMA connectors. Freq-range 10 to 2500 MHz; insertion loss 1.7-2.7 db, VSWR 1.7 max. Switch speed 4 usec; 5 VDC control voltage. 2.5x1x2, USED, 19.95



Broadband Coaxial Protector by Polyphaser #IS-50NXC1, has male to female type N connections. Frequency coverage is 50MHz to 700MHz. Maximum Power: VHF 375W; UHF 125W. 1.8x2.5x1.5, Used Excellent, \$25.00 ea.; 5/\$100.00



NARDA 370-BNM TERMINATION, DC to 18 GHz 5 watts average 2 Kw peak; 1.05 VSWR. Type N male connection. 1.6"Hx0.8" diameter. Unused, \$21.95



Attenuators

ELCOM AT-53-10 ATTENUATOR, 10DB w/ SMA conn; Ag-plated, 1.5x0.5" dia. \$10.00



VARIABLE 6-STEP ATTENUATOR, ladder network in 10:1 ratio. Attenuates 0.1 V down to 0.1 uv; 50 ohm impedance. BNC input & output connection; shaft 3/4"Lx 1/4" dia with gear drive. Silver-plated; p/o 0.01 to 50 MHz RF generator. 3.5x4.8x3.5, 4 lb #AT101/URM25, used, \$19.00



ROTARY TURRET 50 OHM COAXIAL ATTENUATORS from Empire NF-105 field intensity meter; to operate pull knob and rotate to next index. Mechanism is spring loaded to engage next attenuator element; 5"Lx3.4" dia, 5 lbs.



#ATTNF105-0-80, 0-20-40-60-80 db with BNC female chassis connectors on 7.5" cables. USED, \$24.95

#ATTNF105-40-90, 40-50-60-70-80-90 db; female BNC chassis & male N conn on 7.5" cable, \$19.95

#ATTNF-105-PR, one of each attenuator, \$39.50

Rotary Switches



DAVEN-TYPE 18-POSITION, continuous turn; 2" dia. Zinc-silver contacts. 1/2x1/4" diameter shaft.

#3Z9825-92.2, \$3.00

3 deck 11 position Rotary Switch with multi leaf wiper arms. Bakelite decks. Comes with metal shield. Made by Daven #B1381-51, 1/4" diameter shaft, 5x2.1x2.9, \$15.00



FIVE-DECK ROTARY, each 2-pole 4-position; bakelite. 4x1.6" diameter; shaft 1/2x1/4" dia #SW-RM39, Used, \$1.25

MINI-ROTARY, 1-pole 3-pos. shorting. 1" dia; 1/8" dia shaft. No hardware #LED-M13-S, unused, \$1.50

ROTARY SW, 1.6" dia bakelite #SW-342, 3-deck 4P 2-pos, \$2.00 #SW-233, 2-deck 3P 3-pos, \$2.00

3-Pole 4-Position, #4-pos momentary; 1" dia bakelite. #SW-PRC-10, Unused, \$1.50

TECH-LAB precision, 4 pole 7-position w/ gold-plated contacts; 2-poles 5 amp & two 3 A. Sht 1"Lx1/4" dia; o/a 2.3x2.3 x2.5, 1 lb. #TL-4P7PS Used, \$5.00



ROTARY SWITCH KIT, six types: multideck & contacts, \$2.00



Rotary Switch Assy

Rotary Switch Assembly from Leeds and Northrup resistance device. One deck 16 position rotary switch with sixteen 5 ohm precision resistors. 3.1" diameter x 5.9" tall. 1/4" diameter shaft. Looks like unused replacement part. #RSA-5903, \$16.95



Sixteen position rotary switch with seven 8 ohm, one 60 ohm, one 4 ohm, one 3.6 ohm all precision resistors. Also on the assembly is a two section spiral wound variable resistor (2 ohm and 20 ohm section) 4.5"Dx5.2"Wx2.5"H. 1/4" diameter shafts. Looks like unused replacement part. #RSA-01302, \$14.95



RF SWITCHES



HIGH POWER RF SWITCH 2 deck, 4 position, ceramic motorized RF switch with progressive shorting. Requires 12 to 19 VDC input. 7"D x 8.8"W x 12.5"H, 8 lbs sh., used nice condition, #PS-12, \$125.00

6-POSITION CERAMIC RF TAP SWITCH for 100 W xmitter; 2.3x2.3x1.8, 1 lb. #3Z9605, \$3.95; 10 for \$32.



TAP SWITCHES

ELECTRO SWITCH TAP SWITCH, 9 Deck 3 Pole 3-positions: ABEFIJ-BCFGJK-CDGHKL per deck. Rated 7.5 amps 125 VAC; 7"L x3.8" #ESI265096 used \$15



#LOV-230, 2-deck 4-pos continuous turn; 120/240 VAC 10/5 A. Shaft 3/16" dia, LESS knob. O/a 3"H. USED, \$2.50

THREE DECK 7-POSITION TAP SWITCH w/ screw terminals; 10 amp shorting contacts. 1.8x2.x3.1 + 1.3" x 0.3" dia shaft. #ES32303LM, \$3.50



MINIATURE TAP SWITCH, 1 pole 7-position rated 1 amp 1x1/2". \$2.00

Toggle Switches



some single hole mount, some with mount plates; may be used or unused

+++++ AIRCRAFT-type Toggle, two hole mt: SPDT 5A/125V, #B-9A \$75 (on-off-on)

+++++ INDUSTRIAL-type TOGGLES: SPST 8A/125V, #8817K2 \$35 (above momentary)

SPDT 8A/125V, #ST-42D (on-on) \$35 DPST 10A/125V, #ST50K \$50 DPDT 10A/125V on-on #8824K14 \$75 DPDT 10A/125V on-on momentary., #ST-52R, \$60

DPDT 6A/125V on-on; 1" mount barrel, 1/2" dia white ball cap, #T-WB-87, \$75 4PST 15A/125V, #7661K5, \$1.00

+++++ LOCK-OUT SWITCH



#8772K13, DPDT on-off-on 40 amp Toggle Switch with lock-out one side. Unused, \$7.00

CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

HARDWARE

BRASS COUPLINGS for joining 3/8" dia X 3/4" long shafts, #23-77, 2 for \$1.00

HEX SPACERS male-female thread or female-female (f-f) :

Length	per 20	per 100
4-40 threads 1/4" dia metal		
0.75"	\$4.25	\$12.50
1.375	\$5.50	17.00
6-32 threads 1/4" dia metal		
0.375	\$3.00	\$10.00
0.625	\$3.50	12.00
0.75	\$3.75	12.50
1.5 (f-f)	\$4.25	14.50
8-32 threads 7/16" dia:		
3.0	\$7.00	21.00
1/4"-20 threads 9/16" dia:		
3.25 (f-f)	4/\$2.50	20/\$10
1/4"-28 threads 7/8" dia:		
2.87	4/\$3.50	20/\$14

U-106 TERMINAL POST "push" spring-loaded; silver-plated. Threaded 1"; o/a 1.9"H. USED, \$1.00 EACH



#BP-NC TerminalPost, nylon cap, spring-loaded 1.8"H, \$.75 each

HARDWARE ASSORTMENT of washers, screws, nuts, rivets, terminals; 2 lb \$2.



TM-184-PT TERMINAL STRIP with 28 silver-plated 0.8"Hx0.4" dia spring push-down binding posts on 15.3x3.9 x0.4" thick black phenolic board. Phenolic may have minor chips; 4 lbs used, \$20.00

#TM-184-ST, older version of above with 0.6" dia white-brass screw-down terminals, used, \$22.

TERMINAL STRIPS, UNUSED:
4-TERMINAL pairs, 4"Lx1.8", \$.50
7-TERMINAL pairs, 4"Lx0.8", \$.65

AUGAT single 6-terminal PC mount: 2"Lx0.6"W: #4PCV-06, 10/\$7.50

VARIABLE TERMINAL STRIPS, pairs removable to decrease or increase length.
#GE-V12-TERM, 12 terminal pair 1.3Hx8.3Lx2"W \$.50
#BUC-V8-TERM, 8 terminal pairs 1.3"Hx3.9"Lx1.1"W, \$2.00

5BK-22 TERMINAL BOX, has three 13 terminals AN-3436 strips and two 9 terminals; 10/32 studs extend thru phenolic strip and have solder lugs. 4 lbs. UNUSED \$3.00

SHOCK MOUNTS you bolt to equipment.



STYLES: A B C

Style	Quantity	Price	Style	Quantity	Price
#SM-4A	4 #	\$.45	SM-6A	6#	\$.50
-9A	9#	\$.60	-12A	12#	\$.75
-12B	12#	\$.85	-15B	15#	\$1.00
-24B	24#	\$1.25	-50C	50#	\$1.50

RUBBER EQUIPMENT PADS, 5/16" dia self-adhesive; 40 per sheet. #47-86, 2 sheets for \$1.50



Dual Red & Black Binding Post accept common banana plugs. Mounted to a 1.4" x 1.7" plate. Also has 7" wire with spade lug. #DBP-7, Unused, \$1.25

5" male to male banana plug cable, #B-5, \$.95

Twin Cavity Filters



TUNABLE TWIN-CAVITY BAND-PASS FILTERS, gold-plated cavities have tune knobs, dials, and rear N-connections. Designed for military TRC-24 radio system for specific frequency ranges; usable and/or adapt for civilian purposes. 7x2.5 x9.5, 8 lbs. Used, \$22.00 each.

F-196/U 184-205 MHz F-199/U 224-254 MHz
F-200/U 254-284 MHz F-201/U 284-314 MHz
F-203/U 344-374 MHz

* F-194/U 142-163MHZ, used excellent, \$45.00 *

* F-197/U 205-225 MHz, unused, \$30.00 *

* F-204/U 374-404 MHz, unused, \$19.95; 2/\$30.00 *

Bandpass Filters

F-1482/GRC BANDPASS FILTER, three 30-88 MHz tunable helical cavities with dial locks and 1.5" dia 0-60 Watt meter; switch for 6 or 60 W Phase, Reflected or Forward W. BNC output connection; special RF input connection. Rugged military design; 8.8x2.5 x9, 10 lbs sh. GOVT-RECONDITIONED, \$65.00



K & L #6B110-257/HQ26-OP/OP Tubular Bandpass Filter. Six section filter.

26 MHz BW. 200 watts. VSWR = 1.5:1. Center frequency is 257MHz. 50 and 75 ohm impedance. SMA male connections on each side. 1 1/4" diameter x 6.8" long. 3 lbs sh. Used Excellent, \$16.00

A-251-A Bandpass Filter 2.0 - 3.15 MHz. 3"X3/4", Unused, \$5



116-150 MHz FILTERS



TUNABLE VHF FILTER for 116-150 MHz at 15 watts. Has two screwdriver adjust ports and two SMC connections. Sealed can; 1.5x5 x3.3, 2 lbs sh. #MFC-2510-1, NEW, \$15.00

LINE FILTERS

DELTA EMI 3 AMP FILTER with 3-prong plug; 115/230 V 60 Hz. 2"W mount x 2" D; fits 1" x 0.8" hole. #03GEEG3H. \$1.75



CORCOM EMI 3 AMP filter with solder connections. 115/VAC 50/60Hz. 2.7x1.7x1.2, used, #3W1A \$1.50

TOKIN #VG-215F, 250 VAC 15 amps 50/50 Hz with spade terminals; 2.6"Lx1.8" dia, 1 lb NEW, \$3.00

2x20 AMP FILTER, 115 to 250 VAC 48-440 Hz; 3.4x1.5x 3.2, 1 lb. #F-85066, NEW \$3.50; 10/\$25; 100/\$195

D C FILTER, 55 amps 30 VDC; two stud terminal, 2.8x5 x2, 2 lbs. #537-6615, unused, \$4.95

FILTRON #FA-380 RFI DC FILTER, 3 X 10 amps 28 VDC; 1.6x3x4.5, 2 lbs. Unused \$4.50

CRYSTALS

JK02 OVENS for CR-26 xtal. 6 - 24 VAC/DC; plug into octal socket. Less xtals; USED
#251B1001 for one xtal, \$2.25
#251B1003 for two xtal, \$2.75

FT-241 XTAL SET for BC-604 (SCR-508/528) WW-2 xmitter 80 xtals (chan 0-79), \$85.00

200 KHz FT-241 XTAL, \$4.00

XTAL SOCKET ADAPTER for two xtals w/ 0.5" O.C. pins; octal base. #2Z307-166, \$1.50

PUSH-TO-TEST



KORRY 260 PUSH-TO-TEST INDICATORS, double lamp-holder with miniature bayonet base; 1.5"Lx0.8"H. All UNUSED. Clear & amber lenses with "rocket launch"-related inscriptions: 400 CPS DRIFT TIMER, 11°C HEATERS THERMOSTAT, COOLANT VENT VALVE, STBY HTR COMMAND, JET PRESSURE SWITCH, 280 VA. Price: \$.75 each, 4 for \$2.00

Pilot Lights & Indicators



TINY 50V NEON INDICATOR, 1-3/8" long x 3/8" dia; NEW #3495 clear lens w/ "B" 3/51. #3496 clear lens w/ "7" 3/\$1.00

GRIMES PILOT LIGHT, as used in aircraft control panels. Takes #327 or similar lamp. Used. \$.65 each

SUB-MINIATURE NEON PILOT LIGHT with 5/16" dia clear jewel. Base is receptacle for three 1/16" pins in triangle pattern. Mounts in 3/8" dia hole. O/a 1.4" L; includes neon bulb. #PIL007, \$.35 ea: 4/\$1.00

DIMMER LIGHT w/ NE-51 bulb; 1/2" dia clear jewel. Fits 5/8" dia hole; o/a 3" L. #PIL-C433, used. \$.75 ea

LAMP HOLDERS for 327 lamps; fit 1/2" hole. Flat WHITE numbered lenses; specify: ".4,5,6,7,8,9" or YELLOW "MAX". #0934, \$.55 each

#FLW-327 pilot light w/ 327 lamp; white lens. Used \$1.35



COLLECTOR BULBS

Unusual craft and projection lamp bulb: nice glass and simple but elegant filaments like old radio tubes. With mogul base; may or may not work:



EDISWAN PROJECTION, 6-8 A 200 W; 5.3X1.4" dia. \$3.00

T-8 PROJECTION BULB, 200 W 3.4"H x 1" dia; GE #PH/200T8SC, \$2.00

T-8 PROJECTION BULB, (CFC) 150W 120V, 3.4"H x 1" dia; GE #PH/150T8/70, \$2.00

MINIATURE LAMPS

STK#	VOLTS	AMPS	BASE	BULB	4 pk	10 pk
14	2.47	0.3	min screw	G 3-1/2	\$1.75	\$3.50
24-68M	24	0.68	DC bay	B-6	\$1.25	\$2.50
41	2.5	0.5	min screw	T 3-1/4	\$2.00	\$4.00
47	6.3	0.15	min bay	T 3-1/4	\$1.75	\$3.50
130	6.3	0.15	min bay	G 3-1/2	\$2.00	\$4.00
313	28	0.17	min bay	T 3-1/4	\$1.75	\$3.50
323	3	0.19	u w/ urm-25 T	1-1/4	\$8.00	\$16.00
387	28	0.4	sc midget	T 1-3/4	\$1.75	\$3.50
331	1.35	0.06	min flange	T1-3/4	\$3.25	\$6.50
511	2	0.25	min screw	G-6	.50	\$1.00
1021	4.5	1.25	RP11	SC pref	\$3.75	\$7.50
1813	14.4	0.10	min bay	T3-1/4	\$1.75	\$3.50
1843	28	0.22	min bay	T3-1/4	\$1.25	\$2.50
1815	14	0.20	min bay	T3-1/4	\$1.75	\$3.50
1820	28	0.04	min bay	T3-1/4	\$1.75	\$3.50
1886	6.3	0.80	min bay	T4-1/2	\$2.00	\$4.00
NE-51	115VAC	0.2	min bay	T3-1/4	\$3.25	\$6.50

EMAIL US YOUR INQUIRIES AT FAIRRADIO@FAIRRADIO.COM

COAX CONNECTORS

SO-239 UHF Female, \$1.10 each 10 /\$10.00
 SO-239AG Ag-plate, \$1.25 each
 SH-SO239 barrel mount, \$.85 each
 2H-SO239 2-hole mount, \$.85 each
 PL-258 UHF Female to Female, \$1.75 ea 10 /\$16.00
 M-358 "T" for two PL259 & one SO239, used, \$1.50
 UG-176, reduces PL-259 to RG-59 coax, \$.35 each

CONNECTORS & ADAPTERS: (m) male, (f) female, (bulk) bulkhead, (rec) receptacle, (r/a) right angle; (U) = Used, (Un) = Unused.

TYPE BNC: UG-88m (RG-58) U \$.75 ea
 UG-260 m (RG-59) U \$.60 UG-290 f panel U \$1.

-274 "T" 2-f to m, U \$4. -185 f panel Un \$1.75
 -273 to UHF, Un \$2.00 -909 bulk U \$1.
 -282 to post \$1.50 used, \$1.75
 UG-913 r/a U \$1.00 -255 UHF-BNC \$3.

TYPE N: UG-21 m (RG-8) NEW, \$4.00
 UG-58 f chassis U \$2.50 UG-27 R/A m-f U \$2.
 -536 m (RG-58) U \$2.
 -593 f bulkhead for R-59-62, used \$1.50
 -1052 f bulkhead for RG-58, used \$1.50
 -201 ADAPTER, N to BNC, used, \$2.50

TYPE TNC: Greomar #6000 (m) used, \$1.50 ea
 #6177 m R/A Un \$3. #6098 to N f bulk U \$3.

HN: UG-59 U, \$5.00 UG-920 m-f R/A, \$6.
 UG-100 m U \$1.50 DA-113 dummy U \$4.00
 -109 f / UG-100 \$1.50 UG-643 "C" f-f, \$2.50

Mini-BNC p/o R-390A, used, \$2.50 each
 Mini-BNC chassis-type p/o R-390A, used, \$2.50

HARDLINE CONNECTOR



Andrew Type #45AW-3 Hardline Type N Connector for use with FHJ5-50A jacketed 7/8" foam dielectric Heliex 50 ohm coaxial cable and RX5 Radiax slotted coaxial cable. o/a 1 3/8" dia x 1 15/16" ht, Unused, \$24.95 ea; 2 / \$39.50

Heliex Type N

Type N male connector by Andrew #F4PNM-H. Works with Heliex FSJ-50B coaxial cable. Comes with tubing for strain relief. Coupling torque is 22-25 in-lb. Unused, \$17.00; 4 for \$60.00



HARDLINE COAX

HARDLINE COAX, 3/8" dia aluminum jacket, foam insulated. 3/32" dia solid copper wire:

#HLXC-3/8, \$.65/ft; 100 ft/\$56. 500 ft/\$225.

MINI-FLEXIBLE HARDLINE COAX CABLE, Belden 1573A (RG-402 50 ohm) with SMA

connectors. M=male, F=female, RA=right angle

#507-169/170A, two M, 5" Length, \$9.00
 #507-171A, M-RA to M, 4.3" L, \$10.00
 #507-173A, M-RA to M, 11.5" L, \$11.00
 #507-175A, M to F N-chassis conn, 8"L, \$12.00
 #507-176A, two M-RA, 3.1"L, \$12.50

0.5" dia FLEXIBLE HARDLINE (Cablewave 16733) with male N-connections (1-right angle); Various lengths as noted; 5 lbs sh. #HDL-16733- (length):

3 feet, \$15. 6 ft, \$18. 10 ft, \$22.
 12 ft, \$24. 15 ft, \$30. 22 ft, \$40.

AC LINE CORDS

Ground Fault Interrupt (GFI) line cord, 12 ft 3-conductor #18 AWG; w/ reset button. #18-GFI \$2.50



3-COND LINE CORDS:

#14-10FT, 10 ft flat w/ R-A plug; #14 wire. \$2.50

"PIGGYBACK" CORD, 8' 3-cond #18; plug has receptacle for another plug. \$1.65 ea

BUSINESS MACHINE CORD, 3-blade type w/ AC plug; 6' black, #18 AWG.

#HP-NS, \$2.00
 #16-HP-NP, #16 AWG 3-blade line cord; no AC plug. \$1.95

HEATER CORD type HSJ, 3-cond 7.5' #16 wire; grey molded R/A plug. #HSJ-16, \$2.00

AC LINE CABLE ADAPTER f/ 3-cond plug to 2-cond outlet w/ground; grey. #53-90, 3 for \$1.00

HOOK-UP WIRE

Vinyl-covered hook-up wire, all stranded copper; no color choice. May not have continuous lengths over 1000 ft. Allow 2 lbs sh weight per 100 feet

SIZE: #12 \$12/100 ft \$99/1000 ft
 #14 \$7.50/100 ft \$48/1000 ft \$195/5000 ft
 #16 SOLID \$4/100' \$24/1000' \$95/5000'
 #22 SHIELDED \$3.50/100' \$22/1K' \$75/5K'
 #26 SOLID \$6/500' \$9/1000' \$30/5000'

SDU-5 Wire Kit



Wire Kit provides parts to connect an SDU-5/E flasher to a vehicle (12/24V) battery or wiring. Kit includes the following: Voltage Converter, Adapter, (2) 3/8" Ring Lugs with Wire, (2) #8 Spade Lugs with Wire, (2) Battery Clips with Wire, (4) Connector Splices, (4) 3/8"-16 Nut. (2) 11.5" Cable Tie, 7.25" Cable Tie, and a Velcro Strip. 3 lbs sh. #CK-SDU, Unused, \$10.00; 3 for \$25.00

COAX CABLES

New manufacture to MIL-R-17A specifications. Prices PER FOOT for lengths indicated. In between lengths, use higher price. Less than 100 ft add 10% to highest price!

COAX	Ohms	100 ft	500 ft	1000 ft	5000 ft
RG-8/U	52	.32	.29	.275	.265
RG-58	53.5	.17	.16	.15	.15

COAX CABLES with connectors from military equipment. USED/UNUSED:
 #CG-409 CABLE, 25 ft RG-58 with two BNC, \$4.50
 RG-213-1, 16" RG-213 coax w/ R/A N conn. \$5.
 CG-3444, 42" RG-214 w/ 2 UG-573 "C" conn., \$9.
 A303892-10, SMA (m): TNC (f) 8" jumper; \$4.50

RG-142 Cable 3' 3" long with type SMA screw on male going to a type N female on the other. The type N female does not have any nuts. Cable is rated for 50 ohms 5000 volt. Diameter of the cable is similar to RG-58. Various manufacturers. #RG-142-3, 2 lbs sh. Used excellent condition, \$6.50

TYPE N - SMA CABLES

From cellular installation:

Type N male to SMA male with 12" coax #N-SMA-12 \$3.50

Type N male to R/A N male with 29" coax #N-RAN-29 \$2.95

Type N female to SMA male with 33" coax #FN-SMA-33 \$3.75



Wire Galore !!

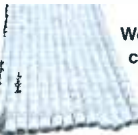
#22 Cloth Covered Stranded Hook-up Wire. Color choices: red, red/black, red/green, red/white, orange, orange/black, orange/green, orange/red, blue, blue/white, green, green/black, eggshell, tan/black, white/red/blue, black. PLEASE SPECIFY. #WCC-22, \$12/100ft, \$48/500ft, \$88/1000ft

Twisted two conductor 22 gauge stranded cable with tin shield. 19 strands per conductor. Has white plastic jacket. Mfg by Brand-Rex. #WT-22, \$29.95 for 500 foot spool



Twisted Twin-Axial RF cable with braid silver shield. Both conductors are 24 gauge with 19 strands per conductor. Cable rated at 77 ohm impedance. Light blue jacket. #WT-24, \$25.00/100ft; \$95.00/500ft

Woven Ribbon Cable, 40 conductor 30 gauge with 7 strands per conductor. Multi color. #WRC-40 \$6.25/25ft; \$20/100ft



Woven Ribbon Cable, 13 wires of 2 conductors with shield. Each conductor is 30 gauge stranded. White jacket. #WRC-13, \$6.25/25ft; \$20/100ft

Woven Ribbon Cable, 6 wires of 2 conductors with shield. Each conductor is 26 gauge stranded. Cable also has two additional 22 gauge hook-up wires woven beside the other 6 wires. #WRC-8, \$5.00/25ft; \$16.00/100ft

24 gauge single conductor stranded wire with shield. Has white jacket. #W-1, \$10/100ft; \$32/500ft; \$55/1000ft; \$195/5000ft

RIBBON CABLE for computer wiring or similar jobs; 20-conductor #22 stranded wire with ten color codes.

# RIB-20C-	10 ft	100 ft	500 ft	1000 ft
Price per foot:	\$.50	\$.36	\$.30	\$.20



TAPE CABLE, 7-conductor #22 AWG vinyl-covered color-coded 0.8"W flat in-line style; 300 V max. 100 ft roll; 3 lbs. Brand-Rex #TC-1073-7, new \$13

BELDEN "CITY COLOR" SHIELDED TWIN-LEAD TV WIRE; two 26 AWG 7x34 stranded copper-covered steel conductors with Beldfoil shield. Recommended for VHF-UHF-FM use in high interference metro areas. 75 ft (3 lbs), \$8.00



LIGHTER DC CORD, 15 ft cord connects to car, van or RV cigarette lighter allowing use of 12 VDC appliances throughout the vehicle; #16 wire, 2 lb.
 #LI-C15, \$4.00; #LI-C3, 3 ft lighter cord, \$2.50

INSTRUMENT TEST LEADS for meters, etc. One end has 5.2" L plastic prod; other end tinned wire. Military-quality; heavy insulation; o/a 36"L. One red & one black lead /set; 1 lb. #TS-LRB, \$2.50
 Pin plug to pin plug 5' cable, #MX-1907, \$99



HEATSHRINK TUBING, 1/16" black Polyolefin. 90°C shrink temp. Made by Sumitomo #11438. 10ft \$3.50; 25ft \$7; 50ft \$12; 100ft \$20

CABLE TIES, All nylon ties listed below are common locking type and are standard 0.19" width.
 #CT-7, black 7" long, 100 for \$4.00
 #CT-11, bright green 11" long, 25 for \$2.00
 #CT-12, bright pink 11.5" long, 25 for \$2.25

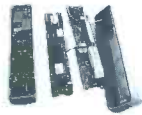
PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

CELL PHONE PARTS



CELLULAR PHONE PARTS BLOWOUT. We have available bag type cellular phones, dead, "as is". For parts/experimenter use. These are older large cellular phones with many useable components for the radio experimenter or various electronic applications. These units contain filters, crystal oscillators, power amplifier, surface mount components. Microphone, speaker. Nice Extruded aluminum case: 5.7x1.2x6.3. #PH-CELL \$10.00; 4/\$30.00

Classic cellular "Brick" phone "AS-IS" for experimenter / parts. 3 x 1.8 x 7.8, 4 lbs sh. used #PH-BRICK, \$7.50 each 4/\$24.00



DC LOAD PANEL

"Loaded" with prime "clean" parts for DC power projects! Panel includes:



- * 0-30 VDC METER
- * 0-30 DC AMMETER
- * 4 ea 50 MV SHUNTS
- * 4 RHEOSTATS:
 - 2 ea 225 W 3 ohms
 - 2 ea 150 W 2 ohms
- * 12 Circuit Breakers:
 - 6 ea 32 VDC 8 amps
 - 6 ea 32 VDC 20 amp
- * 12 ea 1N1184 DIODES
- * 4 ea 2.4" dia KNOBS and other parts. Panel is sold "less its On-Off and 4 STA selector switch. 18.8x23x6, 30 lb #DAV-LCP, \$49.00



PARTS BONANZA

Loaded with great pieces! These data line input filters are an excellent value for the experimenter or hobbyist. Included are a regulated power supply board, wire-wrap type universal board with 36 fourteen pin IC sockets (with IC's) and display board (six digit spaced in groups of two) with drivers. 8 x 19 x 3.5, 13 lbs sh., used. #DLF-N, with nixie tube display, \$20.00; 2 / \$35.00



ILS Modulation Meter



FAA type FA-9438 Excellent parts unit for experimenters / hobbyist. Has RF meter, 3 segment (or digit) LCD display, count up/down circuitry, glide slope and localizer osc. modules, mixer, freq. processor, open frame chassis, sturdy case. w/ cover 14x9x12, 20 lb \$39.50

Experimenter's Paradise

Motorola Control Receiver???? Great experimenter item. We have seen them in the past in some cities at intersections and believe their purpose was to intercept traffic signals when emergency vehicles needed to pass. Transistorized receiver covers 139.65 MHz with a five section preselector, crystal controlled oscillator and Vibrasponder® tone detector which allows a SPST relay to be actuated by a tone in 600 to 800 Hz range. SPECIFY if tone-match required. Receiver is housed in a plastic protective case. Power required 24 VAC. Has internal transformer and power supply. 7.2" dia. x 6" Ht, 5 lbs sh. #15D82032, \$10.00 each 3 for \$25.00

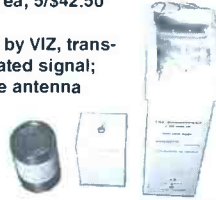


RADIOSONDES



VAISALA RS80 RADIOSONDE, ultra-light disposable transmitter (400 MHz approx) is designed to be carried aloft by weather balloon and transmit data for air temperature, barometric pressure and humidity to a ground station. Consists of circuit board, dipole antenna, and trailing wire. Requires 9 V battery. Cute experimenter item! 12.5"H as shown; 3 lbs sh. NEW, \$9.95 ea; 5/\$42.50

#ML659(V)3 Radiosonde mfg by VIZ, transmits on 403 MHz RDF modulated signal; includes battery and separate antenna assy, transducer polishing cloth, baroswitch pressure calibration chart, and instructions. 4.8 x 3.8 x 12.3, 4 lbs sh. Unused, \$12.95



Dehumidifier Control



HONEYWELL DEHUMIDIFIER CONTROL as used in home dehumidifiers. Plastic element tape senses humidity and "opens" normally-closed 120 VAC contacts; has variable control. 1.8x4.5x1, 1 lb. #H46A1103, unused, \$2.95

Heating/Cooling Pump

THERMOELECTRIC 127-ELEMENT HEAT PUMP DEVICE, built for portable refrigerator; operates from 12-16 VDC. In original use, it is hot on 5"x5"x1.1" heatsink side but "freezing" on 2.6"x1.8" pump side. Reversing DC polarity reverses "hot-cold" effect. Pumps 50 watts @ 6 amps continuous. With 180° C normal-closed thermal cut-out switch. 2.5"H, 3lbs. #HPD-1250, NEW, \$19.95



MINI PUMP



12 VDC IMMERSION PUMP, probably from auto/RV market; 3/8" dia outlet moves about 1 gallon/minute. Operates on higher voltages with increased flow rate for short periods: @ 24 VDC, 1.5 gal/min; @ 35 VDC, 2 gal/ min. For non-flammable fluids only because fluid flows thru motor acting as lubricant. Use in fountains, solar water or science fair projects; 4"L x 1.5" dia, 2 lbs. #HAR-12V-IMP, NEW, \$5.95; 2/\$10.

MOTORIZED LENS

MINOLTA MOTORIZED LENS, focal length 3 mm with 6 mm zoom assembly; probably used in copy machine. Front coated lens diameter 60 mm; rear 15 mm. Focus and zoom mechanism each has small DC gear motor which operates at about 30 RPM @ 5 VDC or 60 RPM @ 10 VDC. 5.5x5.5, 3 lbs sh. #LENS-36-98, unused, \$20.00; 3 / \$50.00



Weaver D6 Scope



Quality 6 power scope fits common rifle mounts. Unfortunately scope is without cross-hair. Still a nice low-cost spotting scope! 12.3" long, 2lbs New, \$17

GRAB BOX

ASSORTMENT of used and unused commercial and government electronics parts such as assemblies, motors, coils, transformers, chokes, circuit boards, capacitors, resistors, and other usable items. Packed in 50 lbs cartons: \$12.00 ea; 2 / \$21.00 Allow for shipping charges!!



Military Flashlight



MX-991/U FLASH-LIGHT official rugged right angle military type made in USA. Operate from two "D" cell batteries (not included). Clear diffuser, red signal, and white opaque spare lenses store in handle; metal belt clip. O.D. green plastic; current issue, 8.3"Lx2" dia. NEW \$6.75

X-10 CONTROLLER

The Leviton #6242 Manual Controller. Used to control light and appliance modules. Compatible with Radio Shack and Home Safe remote devices. Can control 256 "X10" device codes. Unit has 16 Unit Code Buttons. Also, has 6 Command Keys: On, Off, Bright, Dim, All Lights On, and All Off. The controller is equipped with a key-operated lock-out switch that can be set in the "ON" or "OFF" position. The controller will transmit command signals to modules in your control system only if this switch is keyed to the "ON" position. Key pad mounted in sturdy steel case. Requires 120VAC 60Hz. 8.3x6.7x4.5, 7 lbs sh. Unused, \$9.95 ea, 2 / \$18.00, 4 / \$32.00



TORQUE DRIVERS

Mountz (M) and Torquemaster (T) torque drivers. These are unused / slightly used. Most have had ID numbers engraved on the handle.

(M) - TLS0135 red 3-190 ozf in 2-135 cN.m 1/4 inch hex female drive, Unused, \$49.50

(T) - Standard green, as above, 1/4 sq drive, Unused, \$52.00

(T) - Minor red 3 oz f in - 12 lb f in/200 gm f cm-14kg f cm / 2-135 cNm 1/4 hex femal drive, used, \$25.00



CRIMPER - Thomas Betts TBM6 with

13470 green die, and 13471 blue die. With metal carrying case, used excellent, \$195.00

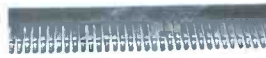
CARD SCANNER

Credit Card Scanner, uses optical system to read raised numbers of credit cards into a photo array. Small AC motor drives card through reader; w/ connector diagram. 5x5x4, 3 lb #ECR2020, used, \$3.50



FINGER STOCK

18" long x 1/2" ht strips of finger stock. Each individual finger has a width of 1/15" and a ht of 5/16". #FS-18 Unused, \$6.95 ea; 4 / \$20.00



MILITARY BADGE

Dark navy blue background with gold color "wings and propeller". 3" diameter. unused, #B-3, \$3.00



MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

COLLECTOR KEY



No 2 MK III CANADIAN CW TELEGRAPH KEY, which was first used with WW-2 #19 Mk III radio set, has unusual phenolic rocker arm and brass hardware. 1" dia pounder button is knob-like for grasping or tapping; three brass terminal screws on base. O/a 4.6x2x1.6, 1 lb #ZA16929, used-clean, \$22

Copperclad Board

Copperclad Board for making printed circuit cards. Phenolic backed; 0.07" thick, 1 lb #PH-4x18, 4"x18", \$.75; 4/\$2.50; 10/\$5.00

RING MAGNET



3.5" dia x 5/16" thick MAGNET with 1.9" dia open inner circle lifts about 8 lbs. 5" dia metal casing has mount flange to protect and isolate magnet; two wires attach to spring-loaded contacts. Use as magnetic antenna mount or in robotic, audio or science projects; 2 lb #MAG-S91, \$3; 5/\$10

PSS-11 Metal Detector

(Polan P153) transistorized unit uses 2500 Hz signal in mutual inductance bridge circuit to detect metal objects that cause an imbalance in the 9"x11" search head's magnetic field; disturbance is heard in operator's headset. Handle ad-justs 29"-57" L. Also control pack with canvas bag & 7.3x24.5x16.5 transit case. Requires 7.3 to 10.8 VDC battery (BA-1389 5.1"Lx0.6" dia) 35 lbs. USED-not tested, \$75. MANUAL, repro, \$10.00



TV / FM ATTENUATOR



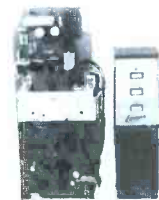
75 ohm TV/FM Attenuator by Blender Tongue Labs stock # 4890. 0-890MHz with two F connectors and adjustment for attenuation. used, \$8.00

REMOTE CONTROLS

INFRARED REMOTE CONTROLS, Draco mfg remotes for satellite positioning and channel selection. Each has A-B-C-D-E-F Satellite Select, Up, Down & Go To functions; requires 9V transistor battery. Cheap to play with or use! NEW-not guaranteed; 2.8x5.8x1, #IR-DR-AIM, "Aimers", \$1.50 ea; 2 / \$2.00 #IR-DR-CHAN w/ Channel Select 1-2-3-4-5 -6-7-8-9-0, Mute & Seek; \$1.95 ea. 2 for \$3.00



EMERSON MULTI-FUNCTION REMOTE CONTROL SET



SET, intended for use with ceiling fan & light, but receiver circuit board and push-button remote transmitter should adapt to experimentation and your projects. Originally one button brightened light and other two controlled speed of special AC motor (not available). Circuit board outputs to motor are fixed voltages with sequence and voltage dependent upon positions of four switch DIP code switch. Sixteen codes possible; remote actuates sequence. Receiver is not isolated from power line so extra care is necessary when working with this device. Transmitter requires 9V battery (not supplied). Hook-up info included; #RC-5100/1, new \$15

age dependent upon positions of four switch DIP code switch. Sixteen codes possible; remote actuates sequence. Receiver is not isolated from power line so extra care is necessary when working with this device. Transmitter requires 9V battery (not supplied). Hook-up info included; #RC-5100/1, new \$15

CALLING CARD TIMER



TELE COSTER I TELEPHONE METER, Ideal for keeping track of the minutes expired on your calling card or for keeping "tabs" on the length and costs of long-distance phone calls. Initial and secondary rates/period are

programmable using the numeric plus 6-function keyboard. LED display shows cost/period plug elapsed time hr-min-sec. Also display flashes 15 sec before rate change and has X60 speed-up time so maximum acceptable charges can be determined before call. In sturdy, beige plastic case. Requires 115 VAC 60 Hz; 2 lbs sh. NEW, w/ info, \$8.00; 3 for \$15.00

TIMER BONANZA

CARTRIVISION TIMER CONTROL, part of early home video system; cheap gizmo with interesting parts: 115 VAC timer motor with upto 8 hr delay and SPDT contacts, 18 V 200 ma transformer, 12 VDC SPDT relay, SPDT & 4PDT slide switch, etc. 3.9x9.5x2, 2lbs. #CV-TC87, \$1.00



60 SECOND TIMER



RHODES 60 SEC TIMER, times from 2 to 60 seconds; bell signals time elapsed. 3/4 dia plastic case; 1 lb. sh. #56414, NEW, \$2.50 each.

NEOPRENE GLOVES

Stanzoil Knit-Lined Neoprene Gloves. Multi-purpose chemical, abrasion and temperature resistant liquid-proof hand protection with durability and flexibility. Soft interlock knit lining insulates from heat and cold, absorbs perspiration, and provides easy on/off. Neoprene coating resists a broad range of chemicals. Non-slip "roughed" grip. Mfg by MAPA Professional. New, \$4.50 pair; 4 pair for \$12.00



Please specify model number when ordering. Sizes available:

Small: #S-432; Medium: #M-420
Large: #L-408; Extra Large: #XL-348

TELETYPEWRITER

AN/UGC-129 TACTICAL TELETYPEWRITER with MU-734/UGC MAGNETIC TAPE UNIT, full duplex teletypewriter has 16K RAM and QUERTY keyboard with Edit, Mode Select, and Memory. Printer speed 120 CPS: 69-80 character line, single or double line feed. 64-character ASCII subset; ITA5 or Baudot codes. 8 baud rates 45.5 to 2400. Uses paper rolls 216 mm W x 127 mm dia friction feed, single or multi-copy. MU-734 TAPE UNIT stores 8-bit data for UGC-129 on standard cassette tapes; 300K char / tape. Requires 115/230 VAC 47-400 Hz; connectors not available. UGC-129: 9.5x15x18.5, 52 lbs. MU-734 7.8x8x13.5, 18 lbs. used reparable, \$75.00/ set UGC-129 only, \$49.50; MANUAL copy for later model (useful), \$35 w/ set



BARCODE READER



TransTerm 5[®] barcode reader by Computerwise. Model #TT5a-28, still shown on their webpage. Unit has two line display and RS-232 output. No software, but there may be some compatible shareware. The units pass self test. Unit has membrane keyboard and unit is well sealed. Includes keyboard, high quality metal wand, transformer, and info. 1.8x7x6.1, 4 lbs sh. Used \$39.50

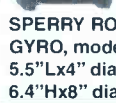
AIRCRAFT SEXTANT

Sextant w/ periscope used in larger military aircraft to determine nightflight position relative to the stars. Has eyepiece with cup to view through right angle periscope with bubble level. Controls increase bubble size and adjust lens diffuser plus filters red, green & polarized. Also mechanical timer, 3-digit 100-turn counter dial, & transit case. Requires 28 V AC-DC for lights; 8"Wx13"Hx5.3"D, 23 lb #MS28011-1F, used w/ fiberglass case, \$59.50

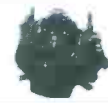


AIRCRAFT GYROS

LEAR 3-AXIS RATE SENSOR with three #2157HB rate gyros; 3.4x6.4x6, 9 lbs sh. Lear #2162C, \$175.00



SPERRY ROLL & PITCH CONTROL GYRO, model K-6; Rotating center 5.5"Lx4" dia; removable top cover. 6.4"Hx8" dia; 6 lbs. #K6-8510, \$75.



AUTO BRAKE LIGHT



AUTOMOBILE BRAKE LIGHT, 5.5" W x 2.8" H red lens on black plastic stand; top swivel adjusts light angle. German mfg; o/a 7.5"H 2 lbs. #BL-G10005, NEW, \$2.95

FIRE CHEX

AUTO SHUTDOWN DEVICE automatically disconnects a vehicle's electrical system in a collision. Also use of its 80" spline control allows Fire Chex to manually "shutdown" electrical systems making it more difficult for a thief to steal a vehicle. With spline, fused line, mount brackets, info. 4.5x4.5x2, 6 lb #FI-CHX, new \$6 3/\$12



AUTO TEST SETS

HEYER AUTOMOTIVE TEST SETS from the 1950's with 4.5" chrome-rimmed meters! Nice addition to a car collector's display or for experiment! Not Tested!

MODEL 337 TACH / VOLTMETER, ranges 0-1000 & 0-5000 RPM and +/- 0-18 VDC, Amplifier button plus socket for timing light. With tubes 0A2 & 2D21; 6 or 12 VDC use. 13x5x5, 9 lbs. Unused, \$24.95

MODEL 336, same as 337 except also has Spark Advance Meter with 0-30 Distributor degree and 0-60 Crankshaft degree scales. With tubes 2/ 0A2, 2D21, 6AL5, 6AU6, 5696; 12 lbs sh. USED, \$27.95

12VDC COUNTER

6-DIGIT MECHANICAL COUNTER 12 VDC nonresettable; black numerals on white. Rear mount flange; o/a 1.3"Hx 1.5"Wx2.5"D 1 lb. #E07B10DC12, NEW \$2.95



CHECK OUT OUR LATEST FEATURE ITEMS AT FAIRRADIO.COM

DC Voltmeters

FS=2 VDC, 0-20/80 MA scale; 2.5" rd sealed. USED, \$5.95

FS=5 VDC, scale 0-1.5 A & 0-300 MA; 2.5" rd. USED, \$5.00

FS=5VDC, 0-5/0-10maDC, 3.5" rd, #S00-5V, Used, \$12.00

ES=5VDC, 5-0-5/10-0-10maDC, 3.5" rd, #S00-5-0-5V, Used, \$13.00



DATA TECH 0-20 VDC DIGITAL PANEL METER, uses Sperry 7-segment 0.5"H

readouts. 10 meg ohm imped.; auto-polarity, OVP. Requires 115 V 60 Hz. Units have "weak" displays and/or "bad" segments. 1.9"Hx4"Wx5.5"D, 3 lbs. sh. #5313-220, "AS-IS", \$10.00

40-60 VDC, 4.3"Hx 4.8" Weston, NEW: \$15.00

POLARAD Mfg. FS=100 V DC, 0-100-500 scale, 4"Wx3.8"H. #M2/TV13, \$8.95



FS=150 VDC, 0-1500-5000 sc. 4"Wx3.8"H. #M4/TV-13, \$8.95



0-800 VDC, 2.5" rd white, unused, \$7.95

0-20 KV, FS = 1 MA; 2.5" rd black, USED, \$7.00

High Voltage DC 3 1/2" round panel meters removed from equipment. Each panel meter listed below comes with the associated large multiplier resistor creating full scale indication as shown below. Most resistors are 9 3/4" long x 1 1/4" dia.



0-10KV, #S00-10KV, \$20.00

0-6KV, #S00-6KV, \$19.00

0-5KV, #S00-5KV, \$18.00

0.9-3.4KV, #S00-3.4KV, \$16.00

0-3KV, #S00-3KV, \$16.50

0-1KV, #S00-1KV, \$16.75

AC Voltmeters

0-2 VAC, 2 1/4" rd white face, Non-linear, used, \$4.95

5.6-7.0 True Volts RMS, 3.5" rd, #S00-7V, Used, \$10.00

0-10 VAC 2.5" rd, Unused, \$6.00

0-10 VAC 3.5" rd, USED, \$6.00



VTVM METER 1-10 VAC scale expanded with 3.5 V centered; also 0-20 DB. 4.5" rd. #0899, NEW \$6.95

DC AMPS

EDGEWISE METER 0-8 A DC; 1.9"W x 3/4"H; #D2588, \$7.00

FULL SCALE = indicated:
0-25 ADC, 3.5" rd, NEW \$12.00
ES=30 ADC, 2.8" rd, Automotive, Black, \$8
ES=45 ADC, 2.2" rd, Automotive, Black, \$8
0-150 AMP DC w/ shunt, Modutec
Mfg. 1.8"H X 2.8"W bezel; fits 1.6" dia hole. used \$10.00

FULL SCALE = 50 MV:
0-15 ADC 3.5" rd black, \$7.00
0-30 ADC 2.5" rd, used, \$6.95
0-500 ADC 4.3"Hx 4.8"; for Western Elec. USED, \$10.00

4.5" rd DC ammeter with scales -150 to 500A, -30 to 100A, -15 to 50, -3 to 10A. Full Scale = -15-0-50mv. Unused, \$8.95

SHUNTS

FS=50mv:
10 amps, o/a 1.3x2x1.7, Used, \$7.50
15 amps, lab grade quality, o/a 2.5x 8.8 x 1.4, 0.1%, Mfg by Sensitive Research, Unused, \$35.00
30 amps, o/a 1.3x2x1.7, Used, \$6.00
200 amps, o/a 1.4x6x0.8, Unused, \$4.

FS=100mv:
25 amps, o/a 1.5x6.1x1.2, Unused, \$10

DC Milliamps



FS=1 maDC Hewlett Packard Instrument Panel Meter for HP-431C. Has linear scale 0-1, 3 MW and non-linear scale -10 to 0 DBM. 2"d x 4.6"w x 2.9"H minus the bottom portion. Used, \$15

1-0-1 MA DC, 2.5" rd sealed; various mfg. USED, \$5.95

FS=5 MA DC, 0-150 VDC scale 3.5" sq. USED, \$6.95

FS=25 MA DC, 0-25/100/200 scale; 2.5" rd. USED, \$5.95
50-0-50 MA DC, 3.5" dia; Weston 301 or =, UNUSED, \$7.00

100-0-100 MA DC, 3 1/2" rd Weston 301, USED, \$5.95

150-0-150 MA DC, 3.5" round Simpson. UNUSED, \$7.95

0-200 MADC, 2 1/2" square Westinghouse. Unused, \$7.95

0-750maDC, FS=5ma, 3.5" rd, #S00-750MA, Used, \$14.00

AC AMPS

50-300 MA AC, 2.5" rd sealed. UNUSED, \$10.00

FS=1 AMP AC, scale % Rated Current; 3.5" rd sealed, \$5.95

0-3 Amp AC, 3.5" rd Black, Unused, \$12

FULL SCALE = 5 amps AC; transformer required for indicated scale (not available):
0-125 A, 3.5" dia. \$9.00
0-150 A, 2.5" dia. \$8.00

0-100-200 AC AMPS FS=5 A GE-YOKO 2.5" sq. \$8.95

DC Micro Amps

0-50 UA DC, 2.5" rd sealed. used \$10

FS=50 UA DC, scale -30 -+150 w/"0" center; 2.5" rd sealed. #TRC30150, \$4

FS=100 UA DC, sealed USED: 3.5" rd, Red-Green-Red, \$6.00

ES=100 UA, 0-center Null scale; 2.5" rd. sealed. \$6.95

ES=100 UADC, 3.5" rd, Scale -10 to +10 %, Black face, Used, \$6.00

100-0-100 ua mirrored scale; indicated 1-0-1 / 500-0-500. 4.5"Wx 4.3"H, #M1/FLUKE used, \$10.95



FS=200 UADC clear plastic 2.5"Wx2.3"H meter with non-linear scales for 0-10 watts, 0-100 VSWR, 0-100 % Mod. Used, \$4.00

0-200 UA DC, various used 2.5" rd, \$6.

0-200 UADC and -8-0-+6 DB, 2.5" rd. sealed. NEW, \$4.95

FS=200 UA, 0-50 NULL METER 4.2"H X4.5"W; Simpson-style. NEW, \$10.



500-0-500 UA DC; 3.5"W X 3"H HOYT mfg. Scale: -50/-100-0-+50/+100 maDC, -25-0-+25 VDC. new, \$9.95

ES=500 UA DC, 0- center scale 1-0-1 / 30-0-30; 2.5" rd sealed. unused \$6.95

MATCHED METER SET

#M15V-12A with 3.5" dia sealed meters 0-15 VDC and 0-12 ADC w/ shunt. Used, \$20



RF AMMETER

0-10 ANT-CURRENT (750 RF MA), 2.5" rd. USED, \$10.00

DB METERS

-7-0-+7 DB, FS=501.5 ua; 3.5" rd blk face sealed. NEW, \$5

-4-0-+6 DB 1 MW, FS= 1 MA; 2.5" rd sealed, used, \$4.00

-6-0-+3 DB, FS=200 ua 2.5" rd sealed; used, \$4.95

I-177 TUBE TESTER METER

Micromhos, used, \$25.00

METER ASSORTMENT

Seven U.S. mfg meters 2 1/2" x 3 1/2" - up; mixed odd scales, FS-100 ua and up-- no choice; 3 lbs sh. \$10.00

I-70 B TUNING METERS

"Tune for Max" meter used in many WW-2 radio remote control boxes such as BC-311, BC-434 & C-4/ARN-7; 2.1x2.1 x1.6, 1 lbs. USED, \$10.00

Pressure Gauges

DURAGAUGE 7.5" 0 TO 300 PSI PRESSURE GAUGE. 1 PSI graduations. Quality metal construction. Face is 5.5" dia. with 3/8" fitting on back of gauge. Mounts on rear flange. 5 lb sh. Ashcroft "r", #PG-300 unused \$29.95



PRESSURE REGULATOR 0-500 PSI. Seems to be a quality unit, but no mfg. or country of origin on the unit. 2.5x1.8x3.3, 2 lb sh. #PR-500, \$7.95

0-60 PSIG & 0-4 KG/CM; 2.1" rd w/ 1/2" dia fitting. #PG-60PSI, NEW, \$5.50



#M6000-PSI, 0-6000 PSI 4" dia 270 degree scale; 7/16" di fitting. O/a 6" dia. NEW, \$14.00

WATER GAUGE



3 1/2" Round Gauge reads negative 80 thru positive 80 "Centimeters of Water" in increments of 2. Has 1/8" threaded hole on back. Made by Marshall Town #92361, Unused, \$7.50

FREQUENCY METER

60 / 400 HZ REED FREQUENCY METER two reeds--one 60 Hz, one 400 Hz-- vibrate when freq approached. Use a 20K ohm resistor for 115V operation. 2" dia; fit 1.5" hole. #FM-TS382, used, \$9.95



RUNNING TIME INDICATORS



mechanical 4- digit 115 V 60Hz. 0.8" Hx.1" W bezel; fits 0.6" sq hole. #K49201P2 New, \$13

3 1/2" Round Running Time Meter by Cramer Division Type 635EAA. Requires 115VAC 60Hz at 2.7 watts. Reads upto 999,999 hours. Reads in one hour increments only. Does not read in tenths. 3/10 RPH. 3" depth. Comes with mounting hardware. #RTM-115, Unused, \$19.95



Same as above except 440VAC 60Hz and reads upto 99,999 hours, #RTM-440, Unused, \$14.95

GALVANOMETERS

Used in test bridges to indicate slight variations in current; 1 mm increments:



LEEDS & NORTHROP #18876, 10-0-10 scale, sens 0.1 ua/mm. CDRX 10K ohms; 500 system res. Period 4 sec; w/ Balance "lock". Behind panel: 4"D x 1" dia; front 3"H. New, \$25.00

GALVANOMETER 15-0-15 scale, sens 1 ua/mm. Meter coupled to mirror for photo-optic read. No Balance "lock". Behind panel 3"D x 2" dia; front 2.5" di, 2lbs shipping. #GALV-726667, \$18.00



CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

500 MHz H-P COUNTER



HP-5345A ELECTRONIC COUNTER, solid-state 9-digit plug-in type measures DC to 500 MHz channels A & B

without any plug-in. Function Select: Plug-In, Freq A, Period A, Time Int A to B, Ratio B/A, Start Stop. Channel controls 50 or 1 M ohm input, x1/x10 Atten, AC-DC, and Level. Requires 100/120/220/240 VAC 48-66 Hz; 5.3x 16.8x19.5, 42 lb sh. USED-reparable, \$250

HP-5328AF/096 ELECTRONIC COUNTER, solid-state modular design; counts up to 512 MHz on 9-digit LED display. 10 MHz reference



oscillator, input for external freq-standard. Universal 100 MHz Module controls Channels A & B functions LEVEL, AC-DC select, ATTEN 1-10-100, and Marker output. Sensitivity 25 MV to 40 MHz; 50 MV 40-100 MHz. Channel C module provides 5-512 MHz range, 15 MV rms sensitivity. Trigger fixed; 50 ohm impedance. With Option 011 HP-1B computer interface & manual repro. Requires 100/120/220/240 V 48-66 Hz; 3.5x 18.5x19, 28 lbs. USED-REPARABLE, \$195 CHECKED, except for HP-1 computer interface, \$450.

18 GHz COUNTER



HEWLETT-PACKARD 5340A FREQUENCY COUNTER, covers 10 Hz to 18 GHz with automat-

ic amplitude discrimination feature allowing counter to select largest signal in 250 MHz-18 GHz spectrum. Has 8-digit display. Sensitivity -30 dBm, 10 Hz-500 MHz; -35 dBm 500 MHz-10 GHz; -25 dBm 10-18 GHz. Input impedance 50 ohms; 10 MHz crystal time base. Has Self-Check and N and BNC input connections. Requires 115/230 VAC 48-66 Hz; 3.5x 16.8x18.8, 31 lbs sh. USED-CHECKED, \$1095.00

SWR Measuring Set

AN/USM-37D STANDING WAVE RATIO MEASURING SET for SWR measurements over 3 to 12.4 Ghz. Consists of Hewlett-Packard 415E SWR indicator, 444A untuned probe, 806B 3-12 Ghz coaxial slotted section, 809B slotted carriage, H810B (7-10 Ghz) & X810B (8.4-12 Ghz) waveguide slotted sections, H & X281A waveguide to coax adapters, HX292B waveguide adapter and fiberglass case. Range 70 DB in 10 & 2 DB steps. Meter scales for SWR: 1-4, 3.2-10 (NORM), 1-1.24 (EXPANDED) and DB: 0-10 (N) or 0-2 (Exp). Requires 115/230 VAC 50-400 Hz. HP415E: 7.8x6.2x11; 40 lbs. used reparable w/book, \$295.00



X Band Echo Box



TS-488A Echo Box covers 8990 - 9610MHz. A portable general purpose, field-type, hand tuned unit used to provide a simple and rapid means of determining the overall system performance of radar sets. It is used to make the following radar equipment checks: comparative measurement of the average power output of the radar transmitter, determination of the frequency spectrum, multiple moding, and frequency pulling of the radar transmitter, and the speed of recovery of radar T-R box and receiver. Resonance is indicated by meter deflections and frequency is read directly on the tuning dial. Comes with AT-68 Pick-up Antenna, and CG-92 Coax Cable, and Cover. 24 lbs sh. 9x17.5x9, Used, \$250

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TEST EQUIPMENT BLOW OUT!!

All test equipment listed below is used reparable

ALTEK 75 Noise Figue Indicator, \$229	86242D 5.9-9.0GHZ 10mW PLUG-IN, \$375
ALLISON LAB #2CR HP/LP FILTER 600 OHM, \$135	8900B PEAK POWER CALIBRATOR, \$79
AUSTRON 2010B DISCIPLINED FREQ. STAND. \$495	Krohn Hite 7500 Amplifier, \$450.00
2000C LORAN C FREQUENCY MONITOR, \$495	LEEDS & NORTHPOT 2 4735-S Wheatstone Bridge, \$175.
BALLENTINE 303-01 30HZ-8 MHZ RMS VOLTS, \$125	0.01-1111M ohm,
6310A Test Oscillator 10Hz-1MHz, \$139	4754 AC-DC Decade Resistor, 0.001-10 scales \$75
9632M Digital Voltmeter, \$79	4755 AC-DC Decade Resistor, 0.01-100 scales \$75
BOONTON 91DA RF Voltmeter w/ probe, \$99	7553-K3 Potentiometer/U-Voltmtr, 0-1.6 V, \$195
91M RF MILLIVOLTMETER no probe, \$69.00	7555-K5 Potentiometer/U-Voltmtr, -5 uv-1.6 V \$295
COLLINS 7303-A4D TEST GENERATOR, \$295	MARCONI TF791D Carrier Deviation Meter, \$75
ESI 250DA, RLC Impedance Bridge, \$129.00	TM7816 12 CHANNEL NOISE GENERATOR, \$175
291 RLC Bridge; Large Classroom - Lab Unit, \$239	MILITARY DA-727 DUMMY LOAD, \$175
ELECTROSTATIC VOLTMETERS - WRITE	OS-8 Training Scope DC-2MHz, \$45
Fluke 893A AC-DC Differential Voltmeter, \$195.00	SG-677 Sweep Generator 0.5-1200MHz, \$195
1953A Portable Counter, \$99.00	TS-62 ECHO BOX, \$75
8000 Series Digital Multimeter, Portable, \$39.00	TS-147F X-Band Test Set for 8470-9630 Mhz, \$175
332D/AB DC CALIBRATOR, \$595.	TS-268E Crystal Rectifier Tester, used, \$16.95
335A DC VOLTAGE STANDARD 1 uv-1K V, \$645	unused, \$22.00; Manual, \$8.50
GENERAL MICROWAVE 460B Frequency Meter, no probe, with manual, UNUSED, \$99.00	USM-117 Scope DC-5MHz, \$100
GENERAL RADIO 1310A Oscillator 2Hz-2MHz, \$119	USM-338 Scope DC-75MHz w/ H.D. Case, \$250
1551C Sound Level Meter, \$135	MILLIVAC URM-145B RF Voltmeter w/ Probe, \$169
1633A Increment Inductance Bridge, \$850	MOTOROLA AUTOTUNE DEVIATION METER, \$149
1650B IMPEDANCE BRIDGE f/C, R, L, D, Q. \$350.	Phillips PM 3212, 5" rect, Portable, Dual, TV, 25MHz, \$129
HP-181TR MAINFRAME f/ spectrum analyzer, \$295.	Phillips PM3233, 5" rect, Dual, TV Trig., 10 MHz, \$99
200CDR Wide Range Oscillator Rack Mt, \$69.00	Polarad 1108A 6.9 - 11.5 GHz Signal Gen., \$199.00
201ABR Audio Oscillator Rack Mt, \$59.00	RACAL 9303 DIGITAL RF LEVEL METER, 9 ranges 300 uV to 3 V; 100 KHz-2 GHz. \$275.
211B Sq. Wave Gen., 1-10 MHz, 600 ohm, \$59.00	RFL 829 CALIBRATION STANDARD, \$350.00
214A 10Hz - 1MHz 200W Pulse Generator, \$150.	ROCKLAND 5100 Synth., 0.001Hz-1.999MHz \$400.
214B PULSE GENERATOR, "like new" \$795	ROCKLAND 5600 Synthesizer, 0.1-160 MHz \$400.
350D ATTENUATOR, \$59.00	SIERRA 128A Freq. Sel. Voltmeter w/ manual, \$145
400 RMS Vacuum Tube Voltmeter Meter, \$59.00	360B SPECTRUM DISPLAY w/ manual, \$150
419A DC NULL METER, 3 uv-1 KV, \$125.	470A-500 Hi Pwr Sig Gen 10-80W 190-260MHz, \$100
431C POWER METER LESS THERMISTOR-N/A \$75	SIMPSON 467 DIGITAL RMS VOLTMETER, \$125
1600A LOGIC STATE ANALYZER (SCOPE), \$199	Syston-Donner 6152A Counter, \$79.50
3555B Transmission & Noise Measuring Set, \$99	TEK 106 SQUARE WAVE GEN. 10Hz-100KHz, \$119
3746A Selective Level Measuring Set (opt 005, 088, H39), 50 Hz-32 MHz w/1 Hz resolution. \$995	114 PULSE GENERATOR 100ns-10ms, \$129
3590A Wave Analyzer less plug-in, \$189.00	130 L-C Meter w/ manual, \$95
4265B RLC Bridge, \$275	184 Time Mark Generator 10ns-1sec., \$139
4437A Attenuator 0-119.9 DB, 600 ohm, \$99.00	190B Constant Amplitude Signal Generator, \$125.
5180A WAVEFORM RECORDER, \$1450.	230 Digital Unit, \$200.00
5245L COUNTER less plug-in upto 50MHz, \$69.50	422 Battery Powered Portable Scope, \$175.00
5253B PLUG-IN 50-500MHz, \$50.00	453 SCOPE, DC-50M dual, with rack mount, \$175.
5257A PLUG-IN 0.05-18GHz, \$250.00	454A SCOPE, DC to 150 MHz dual trace, \$295.
5300A MEASURING SYSTEM COUNTER 50MHz, \$100	535A SCOPE, DC to 15 MHz, less plug-in \$100.00
5342A FREQUENCY COUNTER, 10 Hz to 18 GHz in two ranges; 11-digit display, Opt 001 high stability time base; 002 amplitude measurement. \$1295	545B SCOPE, DC to 30 MHz, less plug-in \$125.00
6205B Dual DC Supply 0-40V .3A, 0-20V .6A, \$85.	564 STORAGE SCOPE, less plug-in \$149.00
8005B PULSE GENERATOR, 20 Mhz rep. rate \$159	585A 80 MHz SCOPE w/82 dual-trace plug-in \$180
8007B PULSE GENERATOR, 100 Mhz rep. rate \$199	SCOPEMOBILE CART for Tek 500 series \$60.
8403A MODULATOR CONTROL w/ 8732B, 8733B or 8734B PIN modulators, part of 141 spectrum \$250	604/606 X-Y MONITOR, \$149.00
8614A RF GENERATOR, 800-2400 MHz, \$300.	RM 647 Scope Dual Trace Rack Mt, \$129.00
8708A Synchronizer phase-lock for 606B, \$150.	922, 5" rect, Portable, Dual Tr., TV, 15 MHz, \$199
8742A REFLECTION TEST SET, 2-12 GHz, \$250.	932 SCOPE 35 MHz (similar to tek 922), \$209.00
8743A/B REFLECTION TEST SET, 2-12.4 GHz, \$295	5110 Rackmount Scope Mainframe, \$85.00
86230B 1.8-4.2GHZ 10mW PLUG-IN, \$350	7603 Rackmount Scope Mainframe, \$150.00
86241A 3.2-6.5GHZ 3.2mW PLUG-IN, \$300	7613 Rackmount Storage Scope Mainframe, \$250.
	WAVETEK 24D LOW PASS FILTER, \$189
	154 Prog. Waveform Generator 0.001Hz-10MHz, \$395

H-P MICROWAVE

HEWLETT-PACKARD, 5 lbs sh. USED:
 J532A, 5.3-8.2 GHz, \$195.00
 P532A, 12.4-18 GHz, \$195.00
 X532B, 8.2-12.4GHz, \$165.00
 536A, 0.94 - 4.2GHz, \$50.00
 537A, 3.7-12.4 GHz, \$195.00

VARIABLE MICROWAVE ATTENUATORS: 15 lbs
 G382A, \$195 J382A, \$195
 P382A, \$150 S382C, \$195 X382A, \$50

DIRECTIONAL COUPLERS: 2 lbs sh.
 G752C, \$99 J752D, \$125
 P752A, \$99 R752A, \$125
 X752C, \$99 X752D, \$99



Volt / Current Test Set

MA-1 Test Set consists of six test instruments and circuits: AC Voltmeter with ranges 300V, 150V, and 30V with frequency range of 25 to 1000Hz. DC Voltmeter with ranges 150V and 30V. Clamp-on Volt-Ammeter with volt ranges 600VAC, 300VAC, and 150VAC and amp ranges 1000A, 250A, 100A, 25A, and 10A with frequency range 300 to 1000Hz. Reed Frequency Meter with range 300 to 600Hz. Test Set also has a Phase Sequence Indicator and Continuity Test. Comes with cover and test leads. 4.3x16.5x15, 23 lbs sh. Used, \$35.00



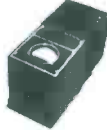
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POWER METER



The Wavetek model 1018B LOG/LIN RF Peak Power Meter, measures RF power in 9 ranges from 100 uW to 10 mW. It is also calibrated in dBm (-20 dBm to +10 dBm). Direct input is 200mW maximum (peak or average). Controls for Trigger Delay, Cal Factor, Trigger Reset, Pulse Average, Trigger, Internal Trigger Level, Cal Factor, Calibrator. 14 x 17 x 5.7, 21 lbs shipping. Unused, \$995.00

ME-82/U Wattmeter



Wattmeter for 50-600 MHz range 120 watts at 52 ohm input. Has non-linear scales 0-120 W 2.5" dia meter & C connection. 5.8x6.8x13.5, 17 lb USED, \$65.00

DUMMY LOAD



DA-189/GRC DUMMY LOAD, portable 50 ohm unit operates over 600 to 1850 MHz range @ 40 watts max. Output indicated on 3.5" dia meter; "C" input connection. 4x4x10, 9 lb. used \$40.00

POWER METER

MODEL DPM-3 RF POWER METER, has 50 and 150 watt ranges and covers the frequency range of 30 to 600 MHz. Type N connection for input, air cooled, 50 ohm impedance. Power reading shown on 3.5" diameter FS=200 ua metr; 7.5x5.5x16.5, 9 lbs sh. Used checked, \$99.50



Sound Level Meter

MITCHELL INSTRUMENTS S2A SOUND LEVEL METER, hand-held unit has scales 50 - 130 DB in 10 DB steps with 0-10 DB expanded scale meter. Measures A-weighted sound level as defined by OSHA; better sensitivity > 500 Hz. Designed to monitor noise level in work areas. Metal enclosed. Requires NEDA 1604 battery; w/soft case. 5.5x2.6x2.3, 2 lbs. #MIT013, NEW \$175.00



Noise Level Meter



NORTHEAST ELECTRONICS TTS37BR NOISE LEVEL-VU METER, 1 & 10 db/step attenuators measures level +23 to -95DBM; Noise 13 to -5 DBRN. Input impd 900 & 600 ohm circuits balanced/unbalanced, terminating or bridged. Sensitivity -80 DBM @ 0 DB. Has large VU-meter with scales -15 to +3 VU-DB, -5 to +13DBRN. 8.8x19x7.5, 15 lbs. Used Repairable w/book, \$99.50

MEGOHM BRIDGE

GENERAL RADIO 1644A MEGOHM BRIDGE for sensitive measurements of insulation resistance of cables, transformers, etc; voltage and temperature coefficients; volume and surface resistivity of solids or liquids. Ranges 1 k-ohm to 1000 T-ohm (10 to 15th power) in ten steps; +/-1% accuracy to 1 T-ohm possible. Test volt ranges: 10-20-50-100-200-500-1000 V. Requires 105-125/210-250 vac 50-60 hz; 12.5x12.8x7.8, 24 lb used checked \$375



Mini Multimeter



Miniature Multimeter by Soltec #HM-102S. DC Voltage Ranges: 0-0.25, 2.5, 10, 50, 250, 500, 1000V. AC Voltage Ranges: 0-2.5, 10, 50, 250, 500, 1000V. DC Current Ranges: 0-50uA, .5, 50, 500ma. Resistance Ranges 0-20 megohms in 4 ranges. Meter comes with carrying handle, and test leads. Requires one 9 volt and two AA batteries. Batteries are supplied with unit but are NO GOOD. Meter size: 1.7x3.9x5.3, 3 lbs sh. Unused, \$8.95

ME-77 MULTIMETER

ME-77/URM-105C VOLT-OHMMETER, handy meter in ruggedized plastic case has DC & AC ranges 0-10-100-1000V; resistance 0-2K-20K-200K-2M-20M ohms. Response 30 Hz-10KHz; has 3.5" dia FS=50 ua-meter. Requires two AA batteries for X1-X10-X100 ohms; 22.5 VDC battery (not available) for X1K-X10K ohm scales. With test leads. 6.6x4x3.3, 3 lbs sh. USED, \$24.95



LINE TESTER



VOLTS, FREQUENCY, POLARITY INDICATOR, handy safety item allows "quick" test of an unknown electrical line to determine its general characteristics. "Glow" lamps show Volts 28, 115, 250 DC/220 AC, 500 DC/440 AC; Frequency 60 or 400 Hz; Polarity red-black Negative when red & black probes are inserted into line. 2.8x5.4x2.5, 2 lbs. shipping. AUL Model 1604, NEW, \$15.95

ME-297 MULTIMETER

ME-297/USM-223 FET MULTIMETER measures AC-DC volts to 5000 V in sequential ranges 2.5-10-50 to 5 KV, AC-DC 1000 ohm/V or DC 20K ohm/V. Also DC current to 10 amps in full scale ranges 0.25-2.5-10-50-100-500 MA DC and 2.5-10 amps. Resistance scales X1K-10K-100K-1M-10M ohms. Includes rugged plastic case, 4.5" dia FS=50 ua meter, red-black test leads and front cover. Requires 6-PXB1 1.3 V & 1-"C" batteries (not supplied). 6x7.4x8.8, 7 lb. Used-Repairable, \$34.95; CHECKED, \$54.95 Units converted so they require two double A and one C battery, CHECKED, \$89.50 MANUAL partial repro, \$8.50



VECTOR VOLTMETER



HEWLETT-PACKARD 8405A VECTOR VOLTMETER, measures both magnitude and phase over 1 to 1000 MHz in 21 overlapping bands. Also capable of determining insertion loss, group delay of bandpass filters, complex impedance of mixers and antennas, RF distortion and in-circuit probing. Ranges: 100 uv to 1 V-rms full scale in 10 db steps. Phase: 360 degrees on 0-center meter with end scale ranges +/- 180, 60, 18 and 6 deg. Band-width: 1 KHz. Requires 115/230 VAC50-400 Hz; 7x16.8x18.4, 36 lbs, Used Repairable with manual repro, \$295.00

Hickok Multimeter



Hickok 1605M Solid State Multimeter, achieves high gain by using chopper to allow use of AC coupled amplifiers; Frequency range for AC measurements 20Hz to 700MHz. Full scale ranges 0-300VAC in seven steps and 0-1500VDC in eleven steps. 0-150mADC in eleven. 0-500 Megohms in steps Rx10 thru Rx10M. Includes AC and DC probes, two test leads, coaxial RF adapter, and manual repro. Requires 115/230VAC 50-400Hz. 10.5x5.5x8, 13 lbs sh. Used Repairable, \$85.00; Checked, \$125.00; Manual Repro, \$15.00

HP-410C Voltmeter, similar to above built less AC probe. Used Repairable, \$69.00; Manual repro, \$10. Probe for above WITH SET PURCHASE ONLY, \$99

HP-400GL VOLTMETER

HP-400GL ANALOG AC VOLTMETER, ranges 0.1 to 1000 V-rms in 8 decade steps; -80 to +60 db in 10 db steps. Response 20 Hz-4 Mhz; output 1 Vrms open circuit. Input im-pedance 10 megohms. Requires 115/230 VAC 48-440 Hz; 6.3x5.1x11, 9 lbs sh. USED-CHECKED w/book, \$135.00



HP-400E, similar to above but 1mV to 300V-rms, Used Repairable, \$69.50; Manual repro, \$12.00

AC-DC VOLTMETER



ME-180/USM-116 AC-DC VOLTMETER, features 20 Hz to 100 MHz response and full scale Volt ranges 1-3-10-30-100-300 AC-DC and 1000 VDC. Also seven Current ranges 1 to 1000 DC MA and Resistance 1 ohm thru 1 Megohm. High frequency AC probe has 6923/EA52 tube. 7x8.3x9, 21 lbs shipping. USED-repairable, \$45.00; CHECKED, \$95.00 MANUAL for USM-116, partial repro, \$10.00

DC VOLTMETER

ME-440/USM-381 DIFFERENTIAL DC VOLTMETER, similar to Fluke 896A; ranges 0-10-100-1000 VDC. Probe for 1100 V (upto +/-5 KV common-mode) and 15 KV multiplier input. NULL ranges 0.01-0.1-1-10-100V -TVM used with 5-digit scaler as differential meter. Solid-state; w/cover & operator info. 115/230 V 60 Hz; 11x12.5x15, 30 lbs shipping. USED-REPAIRABLE, \$45.00



HP-3586B VOLTMETER



HP-3586B FREQUENCY SELECTIVE VOLTMETER, measures tone level, idle channel noise, weighted noise at voice & compare to carrier frequency over 50 Hz to 32.5 Mhz @ 75 ohm input; voice level over 50 Hz to 100 KHz @ 600 ohms. Amplitude + 20 to -130 dBm; resolution to 0.01 dBm. Option 003 measures phase jitter, noise-with-tone, signal-to-noise with tone ratio and single level impulse noise. Push-button control & entry; HP-1B programmable. NA Bell standard. Requires 100/120/220 /240 VAC 48-66 Hz; 7x16.8 x18.4, 62 lbs sh. USED-REPAIRABLE, \$595.00

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H-P ANALYZERS



HP-312B ANALYZER / FREQUENCY SELECTIVE VOLT-METER, 1 KHz to 18 MHz AM, AM AFC, BEAT, USB, LSB in 18 overlapping bands indicated on 7-digit readout.

Synthesizer for tuning phase-locked in 1 MHz steps. Bandwidth 200, 1000 or 3100 Hz. Reference level -40 to +20 DBM in 10 DBM steps. Amplitude -60 to 0 DB in 10 DB steps. Impedance selectable 50, 60, 75, 124, 135, 150 or 600 ohms balanced or unbalanced. Audio output > 0.5 V rms into 10K ohm full scale deflection. Recorder output 1 V full scale deflection open circuit. Requires 115/230 VAC 50-400 Hz; 16.8x10.5 x18.8, 51 lbs. USED-REPARABLE, \$195.

HP-310A, earlier version of above. 1KHz - 1.5MHz. Repairable with book, \$125.00

HP-3581A ANALYZER

HEWLETT-PACKARD 3581A WAVE ANALYZER, separates and measures frequency and amplitude spectral components



over 15 Hz to 50 KHz with 1 Hz resolution. Uses 5-digit LED freq-readout & analog meter for amplitude analysis. Meter scales: Volts (30 V - 100 nV linear), 90 dB or 10 dB display (+30 dB to -150 dB log). Sweep scan width adjusts 50 Hz - 50 KHz. Requires 100-120/200-240 V 48-440 Hz; rackmount: 10.5x 19.3x16.3, 30 lbs sh. USED-CHECKED, \$395.

Distortion Analyzer



HEWLETT-PACKARD 331A DISTORTION ANALYZER, measurement of total distortion 0.1%-100 % in 7

ranges over 5 Hz to 600 KHz; harmonics to 3 MHz. 1 KHz filter attenuates frequencies below 400 Hz. Fundamental rejection >80 DB. Meter indicates 300 uv to 300 V rms in 13 ranges, 10 DB per range. Requires 115/230 V; 16.8x5 x15.3, 24 lbs sh. USED-CHECKED w/manual, \$225.00
HP-332A similar to above but has AM Detector, \$235
HP-333A similar but w/ auto null & no AM Det., \$275
HP-334A similar but w/ auto null & has AM Det., \$295

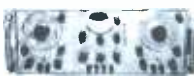
Audio Output Meter

TS-585 OUTPUT METER for audio amps, filters, oscillators. Ranges 0.1-5 mw, -10-+7 dbm; 1-50 mw, 0-+17 dbm; 10-500 mw, +10-+27 dbm; 100-5000 mw +20-+37 dbm read on 3.5" dia meter. Multiplier circuit



x0.1, x1, x10, x100 allows input impedances 2.5 to 20000 ohms in 40 steps; 30-10000 Hz response. 8.5x11x5.5, 17 lbs sh. USED, \$69.50; MANUAL, partial-reproduction, \$8.50

AUDIO TEST SET



MARCONI TF2005 DUAL AUDIO TEST SET, low distortion unit (designed <0.05%) consists of two 20 Hz-20 KHz oscillators, 0.1-111 dB T-attenuator and voltmeter.

Output 15 dBm into 600 ohms. Attenuator balanced 75, 150, 600 ohms 1 W max; unbalanced 600 ohms. Voltmeter ranges 1.5, 5, 15, 25 V; dB ranges +10, +20, +24. Requires 115 VAC 50-60 Hz; 7x17x11, 32 lb sh. Used Repairable with output, \$195.00

Transmission Test Set



Northeast Electronics TTS-44 Transmission Test Set. A useful device for test and measurement of audio VLF-RF frequencies

up to 99.99 KHz. Has a four digit display switchable from Hz to KHz, and an edgewise DB meter. Also, has a small front mounted speaker with level control. Send portion of unit generates frequencies in presets (404,1004, 2804 Hz) and variable ranges (35 - 375 Hz, 375 - 4.5 KHz, 4.5 - 60 KHz) and has an output attenuator from -40 to +10 db in six ranges. Both send and receive have two independent channels with bridged and terminated binding post and phone plug connections. 120VAC, and self contained battery operation (no warranty of battery condition) 12.7 x 15 x 7.5, 33 lbs sh. Used repairable, \$69.50 Manual Repr for above, \$20.00

Communications Test Set

Schlumberger Stabilock 4031

Communications Test Set 0.4 - 1000MHz for testing of receivers and transmitters.

This unit includes the following functions and more: signal generator, test receiver, frequency counter, power meter, modulation meter, audio generator, VSWR meter, AF power meter, rms voltmeter. These units are in excellent condition and pass their self test. We have run some of the functions, but this instrument has so many functions we could not fully test it. Satisfaction guaranteed. 21.5x14.7x9.4, 46 lbs shipping. Used excellent condition, \$5995.00



H-P Audio Oscillator



HP-201C Oscillator, Vacuum Tube Type covers 20 Hz to 20 KHz in 3 ranges; output 3 W (42 V) into 600 ohms; 50 V max no load. Distortion <0.5%; Attenuator 0-40 DB in 10 DB steps. Requires 120VAC 50-400Hz. 7.5x10.8x12.5, 20 lbs sh.

With manual repro. Used Repairable, \$85.00; Checked, \$119.50

HP-200CD similar to above except 5 Hz to 600 KHz in 5 bands. Repairable, \$85; Checked, \$125

URM-127 Audio Oscillator

AN/URM-127 SOLID-STATE AUDIO OSCILLATOR, 20 Hz to 200 KHz in four bands. Metered output 0-10 Vrms into 500 or 1000 ohms in 7 decade ranges. Design accuracy +/-2%; stability +/-0.5%. Requires 115 VAC 50-70/380-420 Hz. 7.5x13x4.5, 15 lbs sh. USED-REPARABLE, \$55.00; CHECKED, \$100.00



AN/URM-127A newer version, but no frequency meter. Used repairable, \$65.00 Checked, \$120.00

MANUAL for URM-127 or A, partial repro, \$12.00

HP Carrier Test Set



HEWLETT PACKARD 3550A CARRIER TEST SET for field testing transmission line and system characteristics. Includes

solid-state 204C Oscillator, 493B Voltmeter, and 353A Patch Panel described below in transit case. Regulating batteries removed; 8.4x19.3x13.3, 36 lbs sh. Used Repairable, \$169.50; Manual repro, \$25

HP-204C AUDIO OSCILLATOR, AC line or rechargeable battery operation. Unit provides frequency from 5 Hz to 1.2 MHz in six overlapping ranges. Delivers an output voltage of >2.5 V-rms (10 mW or +10 DBM) into 600 ohm. Includes Sync Output: > 100mV-rms into <100pf over entire range. 5.1x6.3x8, 9 lbs sh. Used Repairable, \$90.00; Manual repro, \$12.00

HP-403B AC VOLTMETER, measures 0.001 to 300V-rms in 12 calibrated steps, -60 to +50 DB in 10 DB steps. Response 5 Hz - 2 MHz. Requires 115/230 VAC and four 6 V 225ma batteries in regulating circuit. 5.1x6.3x8, 9 lbs sh. Used Repairable, less batteries, \$69; Manual repro, \$12.00

HP-353A TELEPHONE PATCH PANEL, 50Hz - 560KHz. Output impedance 135, 600, and 900 ohms. Step 600 ohm attenuator. Two pair of matching transformers primary 600 ohm, sec 135, 600, 900 ohms. 5.1x6.3x8, 9 lbs sh. Used, \$30.00

SERVICE MONITOR

Singer Model CSM-1 Communications Service Monitor,

serves as three instruments in one unit: Signal Generator, Frequency Meter,



and an Amplitude Modulation meter. As a signal generator it covers 50 KHz - 512 MHz with 1 ppm direct synthesized frequency accuracy and stability and has calibrated output levels in 1 db steps from -110 dbm to 0 dbm (0.7 uv - 224 mV rms). As a frequency meter it measures the frequency of a received signal at a level as low as 2 uv, either via antenna or direct connection, at an accuracy of +/- 1 ppm. As an amplitude modulation meter it measures the percentage of amplitude modulation of received signals in two ranges 0-30% & 0-100%, to within an accuracy of +/- 8% of full scale deflection. 17.1x16.2x9.2, 50 lbs sh., used repairable with op's manual, \$250.00

H-P Sweep Generator



HEWLETT-PACKARD 8601A SWEEP GENERATOR, compact unit covers 100 KHz to 110 MHz in two bands 0.1 -11 & 1 - 110 MHz; +/-1% design accuracy. Output +20 to -110 DB in 10 DB steps w/ 13 DB vernier; CW or Sweep SYM-

Video-Full. AM-FM modulation 1 KHz. Requires 115/230 V 60 Hz. 6x7.8x16, 26 lbs sh. USED-REPARABLE with output and book, \$395.00

NOISE GENERATOR

GENERAL RADIO 1390B RANDOM NOISE GENERATOR, produces wide-band noise of uniform spectrum for telephone transmission, vibration and accoustical tests. Freq: 5 Hz to 5 MHz in ranges 20 KHz, 500 KHz & 5 MHz; multipliers X1, X0.1, X0.01, X0.001. Output variable 30 uv to 3 V @ 20 KHz. Requires 105-125/210-250 VAC 50-60 Hz; 7.5x12.8x9.8, 16 lbs sh. Used Checked, \$125.00



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50 MHz Signal Generator



AN/URM-25 SIGNAL GENERATOR with accessories; covers 10 KHz to 50 MHz in 9 bands. Output to 100K uv into 50 ohms. Modulation 0-50% 400 or 1000 Hz; internal 1 MHz calibrator. Includes MX-

1487 impedance adapter, SM-35 antenna simulator, attenuators CN-223-224, test cable & manual repro. Requires 115 VAC 60 Hz; 11.3x14x10.8, 52 lbs sh. USED-REPARABLE, \$110.00 CHECKED, \$179.50

HP-8640B Signal Generator

HEWLETT-PACKARD 8640B RF GENERATOR w/ options 001/002/003 for 500 KHz -1024 MHz AM-FM-Pulse in 11 bands



PRICE REDUCED

read on 7-digit display. Output +19 to -145 dbm (2 V to 0.013 uv); phase-lock FM. Opt 003 is reverse power protection. Requires 100/120/220/240 VAC 48-440 Hz; 5.5x16.8 x18.8, 53 lbs shipping. USED-CHECKED w/manual copy, ~~\$1705~~ \$1495

HP-8640B opt 001/003, 20 Hz-512 MHz, ~~\$4395~~ \$995

+++++ PRICE REDUCED +++++

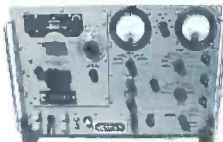


MILITARY VERSION of popular solid-state HEWLETT-PACKARD 8640B with opt 323 (AN/USM-323). Covers 500 KHz to 512 MHz

AM-FM-Pulse in ten octave ranges using 6-digit LED readout; to 1024 MHz using external freq doubler (not available). Output: 0.01 uv to 2 V (-144 to +19 DBM); modulation 400, 1000, 5000 Hz. Pulse: 0.05-5 KHz. Resolution 10 Hz (0.5-4 MHz), 100 Hz (4-64 MHz), 1 KHz (64-512 MHz). USM-323 does NOT have these features: seventh 1/2 digit, X100 Expand, ext-count input, phase-lock. Mounted in transit case. Requires 103-127/207-242 VAC 48-440 Hz; 7.8x19.5 x22.4, 70 lbs. USED-CHECKED w/book copy, ~~\$995.00~~ \$795.00

80 MHz RF Generator

SG297/URM-103 18 to 80 Mhz FM Signal Generator also the following IF frequencies 4.3, 5.6, 5.625, 5.650, 10.00, 11.5MHz unmodulated for testing IF frequencies of military receivers. Internal modulation 150 Hz, 400 Hz, and 1000 Hz, external modulation 0.1 to 30 KHz. RF output 0.05 to 1.0 V; IF output 10 microvolts to 10 volts. Power input 115/230 V 50 - 400 Hz. Size 13 x 13.25 x 18. Shipping Wt 75 lbs. Used reparable, \$195.00 used checked \$250.00 Manual repro, \$12.00



Two-Tone Generator



SG-376 Transistorized Two-Tone IF Signal Generator for testing SSB equipment. Has two 20 Hz-20Khz audio oscillators and two independent IF oscillators. IF outputs: 497.5, 498.5, 501.5, or 502.5 KHz simultaneously. Output levels: 2-2.5V into 600 ohms (AF); 1-1.25V into 60 ohms (IF) with attenuation to 100 db in 1 or 10 db steps. Requires 115 VAC 50-400 Hz. 5.5 x 19 x 11, 35 lbs sh. Used reparable, \$95 Checked, \$155.00; Manual repro for SG-376 or 823, \$15

SG-823 similar to above. See web site for description. used reparable, \$90.00; Checked, \$145.00

SG1174 Signal Generator



SG1174/U (AUL 6201B) Signal Generator 3.8 - 7.6 GHz. Internal modulation of CW, pulse, square wave, FM or accepts external modulation. Control complement includes vernier tuning, attenuator, sync

multiplier, pulse rate (40-400pps), pulse width (.5-10us), sync delay (3-300us), and FM modulation level. Solid-state design except for 5037 klystron. 50 ohm output, plus sync and sync delay outs; external modulation inputs. 5.7x19x13.7, 54 lbs sh, No manual available. used reparable, \$150.00

UHF Signal Generators

HEWLETT-PACKARD 620B SIGNAL GENERATOR, 7 to 11 Ghz in single band FM, pulse or square-wave modulation. Calibrated output 0.1 uv to 0.224 V into 50 ohms. Also second 0.3 MW uncalibrated output useable for phase locking. Pulse rate 40 to 4000 pps; width 0.5 to 10 usec. Uses 5721 or = klystron. Requires 115/230 VAC 50-400 Hz. 13.9x17.5 x17.4; 70 lbs. USED-REPARABLE w/output, \$300.00



HP-618C GENERATOR, similar to 620B except 3.8 to 7.6 Ghz; REPARABLE w/output, \$200.00

MANUALS for 618B or 620B, partl-repro \$15.00

+++++ MANUALS for 618B or 620B, partl-repro \$15.00 +++++

TS-403 RF GENERATOR, 1.8-4.2 Ghz; 0.1-200K uv out. Similar to HP-616B; 70 lb used reparable \$175

SG-557/TS-621 RF GENERATOR 3.8-7.5 Ghz FM-CW; 110 lbs sh. USED-REPARABLE, \$200.00

Manuals for TS-403 or TS-621, partial-repro, \$15 ea

480 MHz Signal Generator



HEWLETT-PACKARD 608E SIGNAL GENERATOR, best of 608-series covers 10-480 Mhz AM-CW-pulse; 1 & 5 Mhz calibration check points over range make +/-0.05% accuracy possible. Modulation 400 or 1000 Hz internal; external 20 Hz-20 KHz, 0 to 90%. Large 3.5" dia meters

for Percent Modulation & Output Volts-DBM. Requires 115/230 V 50-400 Hz; 16.4x13.3x21, 72 lbs. USED-REPARABLE, \$225. CHECKED, \$275. MANUAL for 608E, partial repro, \$15.00

FIBERGLASS TRANSIT CASE for HP-608 generators; 30 lbs sh. #FIB-USM-44B, used, \$40 \$30.00

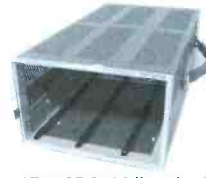
URM-26B GENERATOR

SG-117/URM-26B SIGNAL GENERATOR. 4 to 405 MHz AM-CW - Pulse in six bands. Output 0.1 to 100K uv into 50 ohms. Modulation 400 or 1K Hz 0-50%. External pulse-mod requires positive 40 V-min 50-500 pps; duration 2-40 usec and 70 ohm input impedance. Requires 115 V 50-1000 Hz. Outer case may have small dents. 11.3x14x10.5, 36 lbs sh.



USED-CHECKED, \$160. Manual, partial repro \$10 ACCESSORIES sold only with purchase of URM-26B: CN-315 2:1 attenuator, 50 ohms, \$8.00 CN-316 10:1 50 ohm, \$10.00 CN-471 10:1 70 ohm, \$10.00 CU-439 impedance matcher, \$10.00 BNC cords, 4 foot, \$4.00; 6 inch, \$2.00

TEK 500 Modules / Plug-ins



The TEK TM503 Power Module benchtop mainframe is a three wide power module compatible with all TM500 Plug-Ins. It provides unregulated DC and AC supplies and non-dedicated power transistors for plug-in usage.

17x8.35.9, 14 lbs sh. \$125.00

TM-501, Single Wide Power Module, \$115.00

TM-504, Four Wide Power Module, \$145.00

TM-506, Six Wide Power Module, \$150.00

TM-515, Five Wide Portable w/ covers, \$169.00

AF501 Bandpass Filter, \$195.00

AM502 Differential Amplifier, \$195.00

AM503 Current Probe Amplifier (no probe inc.), \$349

DC501 Counter 110 MHz, \$199.00

DC502 (opt. 1) Counter, \$199.00

DC503 Universal Counter, \$129.00

DC503A Counter/Timer, \$399.00

DC504 Counter / Timer, \$129.00

DC508 Counter 1 GHz, \$349.00

DC510 Universal Counter / Timer, \$499.00

DM501 Digital Multimeter, \$99.00

DM501A Digital Multimeter, \$125.00

DM502 Digital Multimeter, \$149.00

DM502A Autoranging Digital Multimeter, \$199.00

FG501 Function Generator, \$129.00

FG503 Function Generator, \$199.00

PG501 Pulse Generator, \$129.00

PG502 Pulse Generator, \$169.00

PG505 Pulse Generator, \$225.00

PS501 Power Supply, \$89.00

PS503A Power Supply 0-20VDCx2; 5VDC@1A, \$100.

RG501 Ramp Generator, \$159.00

SC501 Oscilloscope, \$200.00

SG503 Leveled Sine Wave Generator, \$499.00

TG501 Time Mark Generator, \$499.00

500MHz Microwave Comb Generator, \$199.00

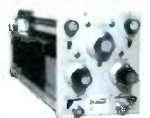
**** TEK 5000 Modules and Plug-ins ****

TM5003 Chassis, \$225.00

DC5009 Universal Counter / Timer, \$399.00

FG5010 Programmable Function Generator, \$999

PLUG - INS



HP-1801A for 180-Series or USM-281A O-scopes Response DC-50 MHz. Deflection 5 mV to 20 V/div in 12 steps. Trigger A, B, A+B, chopped & alternate; 6 lbs sh. Gov't Recon. w/manual, \$85

+++++ VERTICAL PLUG-INS for TEKTRONIX 535/545-Series and other scopes, USED-REPARABLE:

TEK CA Dual-Trace DC-24 MHz, \$40.00

TEK M Four Channel DC-20 MHz, \$39.50

TEK O Operational Amp, \$85. MANUAL repro, \$15.

TEK Q Transducer-Strain Gauge, \$85.00

TEK Z Differential Comparator, \$85.

TEK 1A1 2-Trace 30/50 MHz Tek 545/547, \$49.

TEK 82 Dual-Trace for Tek 581/585/A, \$50.

7A13 DIFFERENTIAL COMPARATOR plug-in for 7000-Series scopes; DC to 100 MHz. Useable as differential input preamp, conventional preamp or as comparator. +/- 10 V offsetting voltages; 4-digit readout. 5 lbs sh. USED-REPARABLE, \$125.00



TEK 7A16A SINGLE-TRACE for Tek 7000-Series scopes; DC to 225 MHz. USED-reparable, \$100.

TEK 7L13 SPECTRUM ANALYZER PLUG-IN, covers 1 KHz to 1.8 GHz; CRT readout of center frequency, 30 Hz-3 MHz resolution bandwidth, and automatic phase-lock. 5x8x14, 20 lbs. USED-reparable \$1500.

--- Many other plug-ins available ---

CRT's for 400- & 500-Series scopes: Write your needs!

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

TEK 7603N11S



AN/USM-281C (Tektronix 7603-N11S) OSCILLOSCOPE, modern, versatile 7000-Series scope with large 8 x 10 cm display and at least 65 MHz response. Includes two AM-6565 (7A15AN11) single-trace and one TD-1085 (7B53AN11) dual

time base plug-ins plus the 100 MHz mainframe accepts standard Tek 7000-Series plug-ins. Vertical deflection 5 mV - 10 V/div in 11 calibrated steps, 1-2-5 sequence; vernier to 25 V/div. Sweeps: Normal, Intensified Delay, Delayed and Mixed. Rate 0.05 uS - 5 S/div in 25 steps, 1-2-5 sequence; 5 NS rate using x10 magnifier. Delayed rate 0.05 uS to 0.5 S/div in 22 steps. Requires 100-120/200-240 VAC 48-440 Hz. With book; 11.5x9.7x25.2, 52 lbs sh. USED-REPARABLE, \$320. CHECKED, \$400.00 MANUAL for USM281C only, partial repro, \$30.00

+ + + + +
+ ADAPTERS for USM-281C/TEK7603:
#103-0015 ADAPTER BNC (f) - UHF (m) \$2.50
#103-0032 ADAPTER BNC (m) -UHF (f) \$2.50
#103-0033 ADAPTER BNC (m) to post, \$2.50
#103-0030 T-CONNECTOR, BNC (f-m-f) \$3.00
#102-0118 CABLE, 8 ft BNC, 50 ohms, \$4.00

USM-281E 50 MHz Scope

OS-246A/USM-281E SCOPE with AM-6566 dual-trace & TD-1086 time base-delay plug-ins. DC to 50 MHz response, solid-state circuitry and 8x10 cm display. Deflection ranges: 5 mv to 10 V/div in 11 steps, 1-2-5 sequence + vernier to 25 V. Select CH 1 and/or 2 channels, alternating and chopped; X5 magnifier. Maximum input: 400 V peak AC or DC coupled. Sweep Auto, Trigger or Single. Ranges 0.1 us-2 s/ div in 23 steps, 1-2-5 sequence, vernier to 5 sec. Delay range: 0.1 us to 50 ms/div in 18 steps, vernier to 125 ms. Delay variable 0.1 us-20 sec. Sweep magnifier X10. Calibrator 300 mv & 1 V p-p @ 1 KHz. Requires 115/230 VAC 50-440 Hz; Dumont mfg. 11.4x7.9x21.3, 44 lbs sh.



USED-CHECKED, \$295. Manual, partial repro, \$35.
+ + + + +
OS-189/USM-281A SCOPE, militarized Hewlett-Packard 180 with PL-1186A dual-trace and PL1187A time base sweep delay plug-ins; same specs as USM-281E. used reparable w/trace \$150. MANUAL for USM-281A, partial repro, \$25.00

Leader 20 MHz Scope

PRICE REDUCED



LEADER LBO-522 20 MHz DUAL-TRACE SCOPE with 8x10 cm display and 10 ns risetime. Deflection ranges 5 mv to 5 S/cm in 10 calibrated steps, 1-2-5 sequence. Modes CH-1 or -2, alternate, chop, add,

subtract. Time base 0.2 us to 0.2 s/div in 19 steps. Trigger sources: Internal CH-1 or -2, alternate, Line, Ext. Coupling: AC, HF REJ, TV-V, TV-H. X5 magnifier. Requires 100/120, 220/240 VAC 50-60 Hz; 6.3x11.4 x14.8, 24 lbs shipping. USED-REPARABLE with trace, ~~\$150.00~~ \$99.50

275 MHz SCOPE



HEWLETT-PACKARD 1720A PORTABLE SCOPE, DC to 275 MHz response with dual channels, large 6x10 CM display, and selectable input impedance 50 ohms or 1 meg-ohm. Modes Channel A or B, A+B, A & B alternating, A & B chop. Deflection: 5 mv-5 V/div in 10 calibrated steps, 1-2-5 sequence plus vernier to 12.5 V. Sweep: 10 ns-0.2 s/ div in 23 steps, vernier to 0.5 sec and X10 magnifier. Trigger normal, auto or single. Delay sweep: 10 ns-0.1 s/div in 22 steps, vernier to 0.25 sec; delay time varies 0.02 us-2 sec. Calibrator 1 KHz squarewave, 1 V p-p. Requires 115/230 VAC 50-440 Hz, 38 lbs sh.

USED-REPARABLE, \$375. CHECKED, \$475.00
HP-1710A, similar except DC-150MHz, reparable, \$325
HP-1741A, similar except DC-100MHz, reparable, \$275
MANUAL for HP-1710A or 1720A, partial repro, \$30

TEK 100 MHz SCOPE

TEKTRONIX 465M (AN/USM-425) OSCILLOSCOPE, militarized portable dual-trace unit has response DC to 100 MHz and 8x10 CM display. Deflection 5 mv to 5 V/div in 10 calibrated steps, 1-2-5 sequence plus vernier. Vertical modes: TRIG View, 20 MHz BW, CH 1, ALT, Add, Chop, CH 2 or X-Y. Sweep 0.05 usec to 0.5 sec/div in 22 steps plus vernier; delay 0.05 usec to 50 msec/ div. Inputs: 1 Megohm paralleled by 20 pf. Also X10 magnifier, adjustable handle, front cover and manual copy. Requires 100-132/ 200-264 V 48-440 Hz; 7x1.7x21.5, 32 lbs sh. Used physically OK but power supply troubles, ~~\$350~~ \$225; Checked, \$475 \$375



PHILLIPS SCOPE



PHILLIPS 3267U DUAL CHANNEL DC-100 MHz SCOPE with 8 x 10 cm display, 3.5 ns risetime and Trigger View, the display of 60 MHz internal and 70 MHz external

main time-base trigger signal. Vertical modes: Channels A or B only, A & B chopped or alternating, Trigger View only, A, B & Trigger View chopped or alternating, A & B added. Amplitude ranges 2 mv to 10 V/div in 12 calibrated steps, 1-2-5 sequence. Sweep ranges 0.05 us to 0.5 S/div in 22 calibrated steps. Delay to 1 ms, 14 steps. Calibrator 1.2 V rectangular. Requires 90-132/195-270 V 46-440 Hz or 24 VDC for battery. 5.4x13.2x17.5, 29 lbs sh. USED-reparable with trace and operator's manual, \$200.00

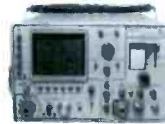
20 MHz Scope

BALLANTINE 1066B PORTABLE OSCILLOSCOPE, Dual-trace unit has DC-20MHz response and 5 mV/cm sensitivity. Rise time is 17.5 nsec. Time base includes x10 magnifier for speeds from 50 nsec/cm to 25 sec, full-screen. 18 x 12.5 x 7.1, 23 lbs sh.



Used Reparable w/ manual repro, \$150.00

SPECTRUM ANALYZER



TEKTRONIX 491 SPECTRUM ANALYZER, portable unit with 8x10 cm CRT display covers 10 MHz to 12.4 GHz; up to 40 GHz using external mixers (optional). Resolution 1 KHz to 100 KHz, coupled with calibrated dispersion positions but separately switchable. Sensitivity > 100 dbm to 8.2 GHz. IF attenuation: 51 db using toggles 1-2-4-8-16-20 db. Sweep: 10 us to 0.5s/ div in 15 steps. Dispersion: 1 KHz to 10 MHz/ div 1-2-5 sequence using 1 KHz & 1 MHz ranges. Requires 90-136/180-272 VAC 48-440 Hz. 7x12.5 x17.5, 36 lbs sh. USED-REPARABLE with display of RF input, \$1195. MANUAL, partial repro, \$25.00

UPM-84 Spectrum Analyzer

TS-1010/UPM-84 SPECTRUM ANALYZER, covers 10 Mhz to 44.88 GHz in eight bands; 5" 5ADP7 CRT. Resolution at 3 db points: 20 KHz over range. Dispersion: 500 KHz-MHz adjustable (10-55 MHz); 500 KHz-25 Mhz (55 MHz & up). Spectrum calibrator 160 Mhz center freq +12.5 Mhz.



Sensitivity as low as -63 db (10-150 Mhz); 40 db (2.0 Ghz up). RF attenuation 100 db uncalibrated internal 10 Mhz to 12.4 Ghz; external attenuators required above. IF attenuation 0-60 db in 6 db steps. Requires 115 VAC 60 Hz. 17.3x19x26, 150 lbs. UPS SHIPPABLE. Used Reparable, \$346.00 \$199.00 MAINTENANCE MANUAL, partial repro, \$20.00 OPERATOR'S MANUAL, partial repro, \$8.50

+ + + + +
ACCESSORY KIT for UPM-84 including five band-pass filters for segments of 0.75-11.8 Ghz range, 3 variable attenuators & 3 coax to waveguide adapters for 12.4-44.88 Ghz; 20 lbs. \$85.00 w/ set purchase

HP Analyzer Plug-In



HEWLETT-PACKARD 8553B SPECTRUM ANALYZER PLUG -IN for HP-141T mainframe; covers 1 KHz to 110 Mhz in bands 0-11 and

0-110 Mhz. IF bandwidths: 10 Hz to 300 KHz, 1-3 sequence. Scan widths on 10-division CRT: 20 Hz/div to 10 MHz/div in 18 calibrated steps, 1-2-5 sequence. 4x8.9x13.5, 17 lbs. used reparable \$250.00 Manual, partial repro, \$17

HP-8556A, similar to 8553B but covers 20 Hz to 300 KHz range. USED-REPARABLE, \$175.00

+ + + + +
HEWLETT-PACKARD 8445B Opt 002 TRACKING PRESELECTOR



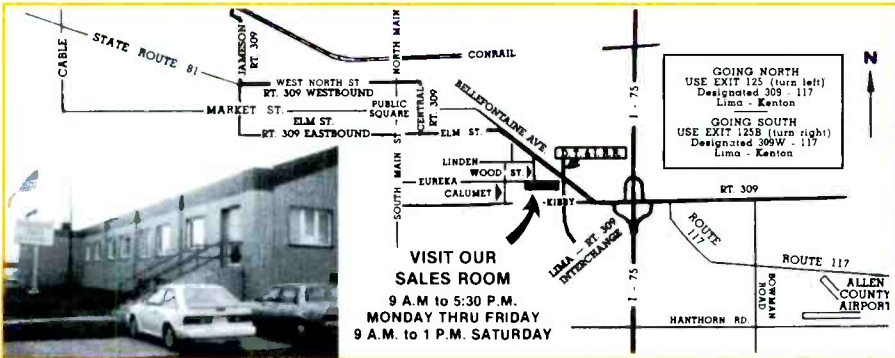
for HP-141T/ 8555A spectrum analyzer over 10 Mhz to 18 Ghz. Suppresses mixing image and multiple responses during spectrum tests. Functions as YIG filter over 1.8-18 Ghz with selectable scans of 2-4-6 or 8 Ghz. Uses low pass filter below 1.8 Ghz. Opt 002 provides Coarse & Fine manual controls and MODE Auto-Manual-Remote-Low Pass select; N connections. Less interconnect cable. Requires 100/120/200/240 V 48-440 Hz. 3.5x16.8 x18.4, 25 lbs sh. USED-REPARABLE, \$299

Option 001; less manual controls, but does have APC-7 connectors, used reparable, \$199.00

Option 003; w/ manual controls, also has center frequency counter, used reparable, \$325.00

HP-8443A TRACKING GENERATOR-COUNTER, similar to above except for use with 141T/ 8553A 0.1-110 MHz spectrum analyzer. Used reparable, \$275.00

FOR ORDERING INFORMATION SEE PAGES 17 & 18



Time Marker Generator



AN/USM-441 Time Marker Generator (equal to Ballantine 6130A) is a precise, high quality calibration tool used to check and calibrate the sweep ranges of oscilloscopes with bandwidths to 250 Mhz, as well as sampling oscilloscopes, frequency counters, spectrum analyzers and signal generators. It can also serve as a secondary time standard, and additionally offers a convenient method for checking raise-time alignment of oscilloscope vertical amplifiers. Unit provides four different, time coincident outputs: time markers, high frequency sine waves, trigger period intervals (square waves), and a 10MHz crystal clock output. Requires 120VAC 60Hz. 12.5x8.3x6, 9 lbs sh. Unused, \$125.00

Ritchie Compass



Ritchie Compass HF-73 has 5 degree increments. Flush mount Helmsman style. Originally designed for powerboats and sailboats. 3 3/4" direct read dial. Hardened steel pivot and sapphire jewel movement. 4500 lubber lines. Internal gimbals. Built-in compensators. Movable sun shield. Black in color. Used, \$59.95

RT-524 Front Panel



Front Panel only for RT-524/A radio. Unused, \$25.

Soldering Iron

Cordless Soldering Iron with Charger by Isotip "Quick Charge" #7700. Solders up to 125 electronic joints per charge. Recharge takes 3 to 4 1/2 hours. Consists of cordless soldering iron, recharging stand, #7545 fine tip (1/16"), #7546 heavy duty tip (3/16"), and instructions. 3 lbs sh. Unused, \$39.95



Frequency Synthesizer



Wavetek 5107 Frequency Synthesizer Channel generates spectrally pure and stable output frequencies from 1Hz to 3MHz with constant 1Hz resolution. It utilizes a unique direct digital synthesis technique to generate the output sinusoid. Complementary TTL compatible square wave outputs are provided for monitoring the output of the channel. Unit obtains its input power, clock control logic, and programming information externally. Requires regulated 5VDC at 2.5 amps and 15VDC at 100ma. Comes with the programming mating connector and manual. 13.6x1.35x8.8, 7 lbs sh. Unused, \$135

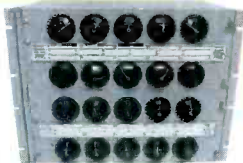
MT-300 Mount

MT-300 Mount serves as support for the RT-70/AM-65 radio system and as a junction box for interconnecting the RT-70 and interphone amplifier with control box C-375 (page 9). Also, interconnects the vehicular power source and the power supply within the amplifier. 13x8.3x3.1, 13 lbs sh. Used, \$85.00



Patching Switchboard

SB-2727 Rackmountable Communication Patching Switchboard. Provides facilities for transferring two wire audio lines so that remote control stations can be selectively transferred to a choice of radio receivers. The equipment incorporates twenty, two circuit, removable wafer, rotary selector switches having twenty-five rotary positions; twenty-four active and one "off" position. This design permits the transfer of any one or all twenty remote control stations to any one of twenty-four receivers. Facilities are provided for transferring all circuits to additional Communication Patching Switchboards when more than twenty remote control stations, or when more than twenty-four receivers are installed in the system. 11.1x19x14, 47 lbs sh. Used w/ manual, \$135



Pressure Gauge



0 to 15 PSI Pressure Gauge by USG. 2.1" round with 1/8" fitting and brass coupling. #PS-15, Used, \$7.95

URM-157 Test Set

Collins 618T URM-157 Test Set. Consists of TS-1949/URM-157 and cable which connects the TS-1949 to the 618T. The radio set control is part of the TS-1949. Has meter to indicate forward/reflected power 200/2000 watts. Also provides connections for microphone, headset, audio in, and key. Power input connector also provided. Connections for 516H-1, antenna coupler, DC in, AC out are on the test set (write for available connectors/cables). Used, \$350.00



TS-1949 less control box but with test set, RT cable, and AC connector, \$300.00

TS-1949 only, less control box, \$125.00

Audio Modulator



Solid State Audio Modulator by Blonder-Tongue Model AMT-a provides a modulated aural carrier RF output on any single VHF TV channel 2-13. It can be used to put sound and color video on any unused channel of a closed circuit, MATV or CATV system or onto a single TV receiver. The wide range audio input can be directly driven from an AM or FM tuner, tape recorder, or high impedance dynamic or crystal microphone. The unit may also be used for carrier substitution. 4x19x1.8, 6 lbs sh. Unused, \$89.50

PRC-74 Battery Box

CY-6121/PRC-74 BATTERY BOX, aluminum box designed to clip onto RT-794/PRC-74A/B backpack transceiver and will hold ten BB-418 nickel-cadmium cells. Has swivel-legs to steady radio; 8.5x12x3.5, 7 lbs shipping. UNUSED, \$49.50



Tube Sale !!

Grab Box Tube Sale - 3 pounds of varying types of unchecked used or unused vacuum tubes. Randomly picked from our inventory of tubes of low demand. No guarantee of brands or types. Ideal for the tube enthusiast! 4 or 5 lb shipping weight, #TB-GB, \$20.00



HP-141T Plug-in

HP-8552B IF Plug-in for 141T. Features video filtering, recorder outputs and an internal calibration signal to make the spectrum analyzer easier to use. Provides bandwidth/gain selection and detection. Internal calibration standard is -30dBm, 30MHz signal. 16.8x16.4x8.8, 14 lbs sh. Used operates but may need adjustment, \$350.00 See page 39 for our other HP-141T plug-in listings.



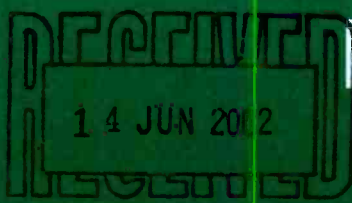
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CATALOG WS-02

MANY ITEMS AT SPECIAL SALE PRICES!

50 Amp P.S. Chassis



PP-4763/GRC POWER SUPPLY, produces 28 VDC 50 amps from 115 VAC 22 amps 47-63 Hz 22/11 amp input; solid-state with +/- 0.5% regulation. Has meters 0-50 VDC and 0-80 amps DC; 13.5x19.5x15, 145 lbs.

Used LESS THE REGULATOR CONTROL CARD, \$150.
Used less control card and both meters, \$120.00
Manual repro, \$10.00

VRC Mount

MT-298 Shock Mount holding two RT-66-67-68 transceivers and two PP-109-112 power supplies. 37.5x13.5x4.8, 85 lbs sh. Unused, \$65.00



RT-70/AM-65 Dogbone



CX-1213 Dogbone Cable, Mates the RT-70 Transceiver to the AM-65 Amplifier. 2 lbs sh. Unused, \$22.00

PRC-25 Backpack Harness

ST-138/PRC-25 Backpack Harness for the popular vehicular / backpack radio AN/PRC-25. 11.7x17.8, 5 lbs sh., Used good, \$35.00



PRC-68/128 Battery Charger



Battery Charger for PRC-68/68B/126/128. Charges up to five of the #406870-1 rechargeable batteries at a time. Each battery has it's own holder and cable for charging. Requires 115/230VAC 60Hz or 28VDC 2 amps. Has a reset button and a high/low indicator for each station. Batteries sold separate. 9.4x20.4x6, 18 lbs sh. Used Reparable, \$175.00

#406870-1 Rechargeable Battery 15V 0.80 AH. Unused, \$32.50

R-392 HF Receiver



R-392/URR RECEIVER, 0.5 to 32 MHz AM-CW in 32 one MHz bands using mechanical digital tuning. Triple conversion on lower 8 bands, double on others. Selective bandwidth 2, 4 or 8 KHz; 100 KHz xtal calibrator. With 25 tubes: 26A7, 26A6, 26C6, 26D6, 6AJ5, 12AU7.

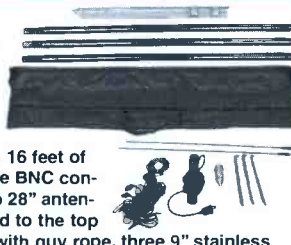
Requires 24-28 VDC 5 amps. Rugged vehicular version of R-390 receiver. 11.5x14.3x11, 58 lbs sh. Used Reparable less knobs and meter, \$245.00
Used Reparable with substitute knobs and meter, \$295.
Checked with substitute knobs and meter, \$395.00

Original style knobs but color may not be identical.

MANUAL for R-392, partial reproduction, \$17.00
9-PIN Power Connector for R-392, \$20.00
LS-166 SPEAKER for R-392, used, \$18 Bracket, \$3.00

12 Foot Mast Kit

12 foot Military Mast Kit. Comes with: three 47" long x 1 3/8" fiberglass mast sections, one 8" top mast section which holds two horizontal aerial antennas and also has 16 feet of RG-58 coax with a male BNC connection at the end, two 28" antenna elements that thread to the top section, one guy ring with guy rope, three 9" stainless steel stakes, one 27" long mast base which mounts directly into the ground, and O.D. green carrying bag with handle. There is no indication of a model number on the assembly. Excellent for field day or other portable antenna use. 12 lbs sh. #MK-12, \$59.50 each; 2 for \$99.50



R-390A Test Connectors



Connectors to make test extender cables for R-390A receiver. You receive the 5 male/female connector pairs with covers to make the following extender cables along with instructions from manual: P110-J410(Crystal Osc), P111-J8111/P119-J619 (Power supply/Audio), P120-J620(Audio), P112-J512(IF Amplifier), P108-J208/P109-J709(RF Amplifier/VFO) #390A-CON, \$59.95

Test Panel



Test Panel for Wilcox 807 VHF transceiver with control box 97733-100, ITT Cannon connector for rear of Wilcox 807, test points for the following: Data Link input, 0 dbm input, mike

input, data link output, receiver output, sidetone output, detector meter, detector input, scope output. Mike, sidetone, and receiver audio jacks. External squelch; on/off, control, disable. Audio on/off. PTT disable. Overall dimension, 15.8x22.2x8.8, 32 lbs sh. Used, \$115.

Test cable with male/female connectors to extend Wilcox 807 radio from mount. Length approx 3 ft. \$30

Control box 97733-100 for Wilcox 807 \$50.00

Rack Cabinet only from above less the front panel, control box and cables. Has a 7" height opening and an allowance of 14" deep. Has louvered sides. The top of the cabinet opens for easy access. Has 2"Hx20"W hole along the base of the rear of the cabinet. Used, \$35.00

Project Box

12"D x 8"W x 3"H Aluminum Project Box with 17 SPDT two position miniature toggle switches and one DPDT push-on/push-off miniature push button switch. In addition, it has three sets of red/black dual binding post and a 26 pin female cannon military style connector. 5 lbs sh. #403D, Unused, \$17.95



As above but with mating connector to fit cannon conn., \$25.00

Antenna Coupler



CU-1782 Antenna Coupler originally part of the GRC-165 (commercial version RF-301) radio system. 2 to 15MHz 150 watts. Will match unbalanced antennas 9 feet and longer. Has 28uHy and 10uHy roller inductors and two dial counters which count 0 to 999. Also, has an SWR bridge and meter for tuning. 15x4.9x8, 12 lbs sh. Used good condition, \$185.00

ORDERING INFORMATION
SEE PAGES 16 & 17

MINIMUM ORDER \$10.00
+ SHIPPING

Fair Radio Sales

P.O. Box 1105 • 2395 St. Johns RD • Lima, Ohio 45802
419-223-2196/227-6573 • 24 Hr. FAX 419-227-1313

WEBPAGE: www.fairradio.com EMAIL: fairradio@fairradio.com

This is the only catalog that will be sent this year. A supplement will be sent in the fall.

Sovtek Tube Sale



Sovtek Tube Sale - New in the Box

Electro-Harmonix

A premium quality tube manufactured by Sovtek.

6L6EH (Electro Harmonix) Better than the RCA! Modeled after the vintage RCA 6L6GC "blackplate", the 6L6EH features larger plate dimensions and improved grid structure for increased power handling capabilities. Also features mica spacers with metal springs to eliminate tube rattle and microphonics. The 6L6EH offers tone and performance superior to any other 6L6 or KT66 type.

\$13.95 each; 10 to 24 pieces at \$13.50 each; 25 and greater \$12.95 each; \$31.95 for a matched pair; \$63.90 for a matched quad

6V6EH (Electro Harmonix) Sweet singing tone for high plate voltage amps! The all new 6V6EH combines a specially developed cathode coating, careful alignment of the grids and tri-alloy plate material to create a rugged, wonderful sounding 6V6 that performs flawlessly up to 475 volts. Perfect for high plate voltage amps like the Fender Deluxe Reverb. \$8.50 each; 10 to 24 pieces at \$7.95 each; 25 and greater \$7.50 each; \$21.00 for a matched pair; \$42.00 for a matched quad

EL34EH (Electro Harmonix) Mullard reincarnated! With the new EL34EH Marshall amp owners can recreate the balanced tone, deep, tight bass, sweet mids, and well-defined highs of the original equipment Mullards. Innovative design and precision construction give the EL34EH exceptionally smooth tone and an ideal balance of pleasing even-order harmonics while virtually eliminating undesirable off-order harmonics. \$10.95 each; 10 to 24 pieces at \$10.50 each; 25 and greater \$9.95 each; \$25.95 for a matched pair; \$51.90 for a matched quad

12AX7EH (Electro Harmonix) Forget about Telefunken! The 12AXEH provides high gain with ultra low noise and detailed, musical tone that rivals the most desirable NOS types. Unique spiral filament eliminates filament to cathode induced hum common on amps that use AC on the filaments. \$10.95 each; 10 to 24 pieces at \$10.50 each; 25 and greater \$9.95 each

12AT7EH (Electro Harmonix), \$9.95 each; 10 to 24 pieces at \$9.50 each; 25 and greater \$8.95 each

12AU7EH (Electro Harmonix), \$9.95 each; 10 to 24 pieces at \$9.50 each; 25 and greater \$8.95 each

12AY7/6072EH (Electro Harmonix), \$10.95 each; 10 to 24 pieces at \$9.50 each; 25 and greater \$8.95 each

Other Sovtek tubes new in the box:

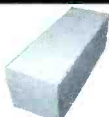
Type	Price each	10-24 pcs	25 or greater
5AR4	\$11.95	\$10.95 ea	\$9.50 ea
5Y3GT	\$5.50	\$4.95 ea	\$4.50 ea
6BQ5/EL84	\$4.95	\$4.75 ea	\$4.50 ea
6CA7/EL34	\$9.00	\$8.25 ea	\$7.50 ea
6L6GB	\$7.95	\$7.60 ea	\$7.20 ea
6SL7	\$5.50	\$4.95 ea	\$4.50 ea
6SN7	\$6.50	\$5.95 ea	\$5.40 ea
12AX7WA	\$5.95	\$5.75 ea	\$5.50 ea
6550WE	\$20.00	\$19.00 ea	\$18.00 ea

KT66 \$22.95 each; 10 to 24 pieces at \$20.95 each; 25 and greater \$19.95 each; \$49.95 for a matched pair; \$99.90 for a matched quad

KT88, \$24.95 each; 10 to 24 pieces at \$22.95 each; 25 and greater \$20.95 each; \$53.95 for a matched pair; \$107.90 for a matched quad

See pages 17 & 18 or fairradio.com for a more complete listing of our tubes.

Tube Boxes



Quality plain white boxes ideal for storing tubes or other components. Compare our price to the competition and save! No divider insert.

P/N	Dimensions	per 10	per 25	per 100	per 1000
WB-3	1.5x1x3	\$1.40	\$2.95	\$10.00	\$79.95
WB-4	1.5x1.5x4	\$1.70	\$3.50	\$11.95	\$94.00
WB-62	1.75x1.75x6	\$1.95	\$4.25	\$13.95	\$113.00
WB-63	2.5x2.5x6	\$2.50	\$5.50	\$17.95	\$145.00

Octal Tube Puller

Octal tube puller. Pull out octal tubes in those hard to reach areas. Stands around 6 3/4" tall. 1 lbs sh. #TP-7, \$6.00



Electro Dynamic Speakers



Electro Dynamic Speakers. Each of the electro dynamic speakers listed below measures between 3.2 to 3.5 ohm DC resistance. The impedance is unknown for the models F3B2 and F53B1.

Each of the speakers are new old stock.

- #F3B2 3 1/2" square, \$3.50
- #F4B3 4" square, 1,000 ohms impedance, \$4.00
- #F4B60 4" square, 60 ohms impedance, \$4.25
- #F53B1 5 1/4" shape as pictured on left, \$4.50

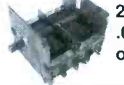
Air Variable Capacitors

2 Gang, 14 to 78pf and 17 to 100pf with a 0.09" air gap. Shaft size 3/4" long x 1/4" diameter. O/A 5.3x1.5x3.3, 3 lbs sh. #C-221/T-195, used, \$9.95



2 Gang, 25-485pf & 23-437pf at 0.03" air gap. Has 1.5" & 0.6" dia pinned gears. O/A 4.5x3x4.3, 4 lbs sh. #C-222/T-195, \$22

Hammerlund Single gang 10-140pf at 0.02" air gap; 1/2"L x 1/4" diameter shaft. O/A 3x1x1.5, #C12/T784, used, \$6.00



2 Gang 25-420pf per gang with a air gap of .015". Has a 5/8"L x 3/8" diameter shaft. o/a 4x3.2x8, 3 lbs sh. #2G-420, used, \$15

Single Gang 360pf with small air gap of 500 volts or less. 5/8"L x 1/4" diameter shaft. Ceramic insulators. O/A 1.7x1.4 x1.4, 1 lbs sh. #1G-375, Unused, \$10.



Single gang 6-35pf with screw driver adjust shaft. 500V or less. o/a 1.2x0.9x1.2, #1G-35, Unused, \$1.25

Single gang 8-75pf with screw driver adjust shaft. 500V or less. o/a 1.5x0.9x1.2, #1G-75, Unused, \$1.50



3 Gang, 25-320pf, 15-100pf, and 25-220pf. Rated at 500V or less. 5/8"L x 1/4" diameter shaft. o/a 3x1.7x1.3, 1lbs sh. #3G-320, Unused, \$7.00

3 Gang, 4-25pf, 4-20pf, and 3-17pf. Air gap of around 0.03". 1.4"L x 1/8" diameter shaft. o/a 4x1.4x1.3, 1lbs sh. #3G-25, Unused, \$6.00



--- FM Tuner ---



H-K FM Tuner with AM capacitors, one FET/two transistor oscillator; requires -12V. Shaft 1"L x 1/4" diameter; o/a 3.5x2.3x2.8, 2 lbs sh. Alps #FB113U13, Unused, \$6.95

SEE OTHER CAPACITORS ON PAGE 25



GOD IS JUST A PRAYER AWAY

Fair Radio buys your excess material. We may be interested in some items in low quantities, but prefer higher quantities for our catalog sales.

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FOR ORDERING INFORMATION SEE PAGES 16 & 17

R-390A HF Receiver



R-390A/URR RECEIVER famous military set covers 0.5 to 32 Mhz AM-CW-MCW in 31 one Mhz bands read directly on mechanical digital counter. 455 Khz final IF; has four Collins mechanical filters allowing 2-4-8-16 KHz selectable bandwidth. Calibration points every 100 Khz; also BFO, AGC, dial locks, 600 ohm audio out, Line and Carrier Level meters. Uses 24 electron tubes; also twinax (balanced) and type C (unbalanced) RF conn. Rackmount; LESS METERS & COVERS. Requires 115/230 V 60 Hz. 0.5x19x16.8, 84 lbs. USED-REPARABLE, \$310.00; CHECKED, \$495.00 R-390A CHECKED with substitute meters, \$550.00 MANUAL, partial repro, \$17.00

----- Name Tags for R-390A -----

Reproduction Name Tags for R-390A radios. Multiple mfg available. New, \$17.00 each



Motorola Large Print, 3"Wx7/8"H, #TML390
Motorola Small Print, 3"Wx7/8"H, #TMS390
Collins, 2.5"Wx1"H, #TC390
Electronic Assistance Corp., 2.5"Wx1"H, #TE390
Stewart-Warner, 2.5"Wx1"H, #TS390

----- COVERS FOR R-390A -----

Hard to find aluminum replacement top and bottom covers for R-390A series. Very close to original. Newly manufactured, #390-TB, \$49.50
RF Cover, Newly manufactured, #390-RF, \$12.00
Set: top, bottom, & RF; newly mfg, #390-S, \$59.50

LS-166 Speaker painted R-390A grey with terminals lugs and rubber feet. Used checked, \$35; Bracket, \$3.

R-390A, R-392, R-648 PARTS

Replacement assemblies & parts for military receivers:

R-390A (A) R-392 (B) R-648/ARR-41 (C)

SPECIFY receiver type & chassis part designation!

AUDIO SECTION	\$30 (B)	\$20 (C)
BEAT FREQUENCY OSC,	\$15 (B)	
CRYSTAL CALC CHASSIS,	\$30.00 (B)	
CRYSTAL OSCILLATOR (no crystals)	\$20 (A,B)	
CRYSTAL, BAND \$10 ea (A,B,C);	5/\$35 per Rx xtal	
DIAL, COUNTER	\$18.00 (A,B,C)	
GEARS #39 or #21,	\$7 (A);	others \$3 (A,B,C)
GEAR CLAMPS,	Small only \$2. (A,B,C)	
HANDLES per pair,	\$8.00 (A)	
KNOBS, small or medium size,	\$3.00 (A,C)	
MHz/KHz large,	\$5 (B,C)	
POWER SUPPLY without tubes	\$25.00 (A)	
RF AMPLIFIER SECTION,	\$17 (C)	
RF/IF TUNER less VFO,	\$95 (C)	
RF OSC ASSY less crystals,	\$18 (C)	
SPECTRUM GENERATOR,	\$18 (C)	
TRANSFORMER, AUDIO,	\$7.50 (B,C)	
" , RF-IF (specify #)	\$9.50 (A)	\$8 (B,C)
SLUGS only (specify #),	\$3.50 ea (A,B,C)	
VFO,	\$60 (B)	\$45 (C)



VFO from R-390A HF receiver with 5749 tube; various mfg (no choice). 4x3x7.5, 4 lbs #VFO/R390A, used dented less connectors "as-is", \$22.50

455KHz Beat Frequency Oscillator for famous HF Receiver R-390A. UNUSED CONDITION! 3.3x1.5, 2 lbs sh. #390A-BFO, \$27.50

I.F. DECK for R-390A with BFO, four good Collins 455 KC mechanical filters 2-4-8-16 KHz, and tubes. Less RT510 ballast and tube shields; 4 lbs. #IF/390A, "as-is" \$125.00



RF Amplifier Deck "AS-IS" for parts or as possible spare for your working R-390A. Includes front gear assembly, set of RF transformers with slugs and slug racks. Less tubes, tube shields, crystal oven & counter. 9x12x16, 18 lbs #RF-R390A-93, \$40

AUDIO AMPLIFIER SECTION for R-390A receiver; includes AF transformers, chokes, and tubes; 8 lbs sh. #AF-R390A, "AS-IS", less J620 chassis connector, C603/606 capacitors, and tube shields, \$30.00

WJ Receivers

PRICE REDUCED



Watkins-Johnson 8716 / 8718 HF Receiver, 5 KHz to 29.99999 MHz AM-CW-LSB-USB-ISB continuously tunable and shown on LED display. IF bandwidth 0.3-1-3.2-6-16 KHz. Requires 100-115/230 V 48-420 Hz. With 8718 manual copy. 5.3x19x19.4, 43 lbs Used-excellent, \$1800.00

WJ-8718 option 14, Same as above except high end bandwidths 40KHz & 100KHz. Operational, \$2000.00

WJ-8999 Subcarrier Receiver 10KHz-1MHz, Operational with manual, \$900.00

WJ-8737 Panoramic Receiver (RU) w/Display Unit (DU), four solid-state band tuners: 20-90, 90-300, 235-500 and 500-1000 MHz W/ manual copy for = WJ9026; with connectors but LESS CABLES. 5x19 x26, 65 lbs sh. used-working, may not be to specs, \$1375.

WJ-8618 20-1100MHz, Operational w/ manual, \$2500.00

WJ Audio Monitors

Watkins Johnson Audio Monitor AM105-2. Has 12 front panel three position toggle switches for

"Recorder" (upper position), "Off" (center position), "Phone Monitor" (lower position). Has two barrier strips on the rear for COR Inputs and Audio Inputs. Also on rear is a female BNC for Tape Out. Left side has speaker and gain control. Right side has phone jack and gain control. 17.3x19x3.5, 17 lbs sh. Used operational, \$175.00

AM105 as above except less speaker and has BNC connections as opposed to barrier strips on rear. Channel "A" and "B" level controls for internal amplifier to either front mounted phone jacks, or rear line output barrier strip with both 3.2 ohm and 600 ohm impedances. Used operational, \$165.00

VLF Receiver



Rycom 6041 Selective Level Meter / VLF Receiver makes measurements of both level and frequency on frequency division multiplex (FDM) equipment base-band signals. Although its primary application was intended to be

on high-density long-haul microwave systems, the 6041 SLM may be employed on any communications equipment requiring selective/wide band level or frequency measurements. Frequency range for Wide Band Level Meter and Frequency Counter: 50 and 75 ohm - 300Hz to 3.5MHz; 124, 135, 150 ohm - 4KHz to 2.0MHz; 600 ohm - 300Hz to 100KHz. Requires 115VAC 60Hz or Battery. Battery holds a charge for the short term but is sold As-Is. 10.1x12.2x8, 24 lbs sh. Used Operational, \$495.00

RFI Receivers

Singer model #NM-17/27 is a programmable, precision electromagnetic interference/field intensity meter for the measurement of

conducted or radiated RF interference, within the frequency range of 10KHz to 32 MHz. May be used as a VLF unit. The instrument may be used to analyze narrowband or broadband signals within its frequency range. Field intensity or direct peak detector functions may be used for measurements in addition to quasi-peak, slideback peak and BFO detection modes. AM, FM and PM signals may be detected and are available at the video output receptacle for oscilloscope display. Requires 115/230V at 50 to 400Hz. 18.5x16.7x8.7, 55 lbs sh. Used repairable with manual repro, \$695.

NM-17/37 same as above except 20MHz-1GHz, \$995
NM-26T Stoddart type, EMI Rcvr, 150KHz-32MHz, \$595
FAIRCHILD ELECTRO-METRICS R-70B RFI RECEIVER uses 9 tuning heads covering 0.1 to 1100 MHz; with two cases & manual, \$1200.00

ILS Receiver



FA-8766 PORTABLE ILS TEST RECEIVER, covers 108.1 to 111.9 (5uv sens) and 329.3 to 335.0 (25 uv) Mhz with separate crystal controlled front ends feeding a common 60 mhz IF through a combiner and then converted to a 3 Mhz second IF. The RF and IF sections are in cast metal shielded assemblies.

The solid state receiver has audio and AGC detectors. The audio circuits have 90 and 150 hz bandpass filters, the audio is rectified and the output used to drive the DC meters. This unit is a good basis for modification and experimentation. Power input 120 vac or 18 vdc. Receiver has nicad battery/charger circuit. No warranty as to serviceability of battery. See our web page for more pictures. 10.1x9.5x12, 23 lbs sh. Crystals not included. With schematic/info. Used \$49.50; 2 for \$75.00

CEI VHF Receivers

Solid State Crystal Controlled CEI model 440 Plug-in VHF Receiver. Unit has controls for audio gain and squelch sensitivity. Also on the front face is a 1/4" phone jack, indicator light for squelch, and a FS=100uaDC signal strength panel meter. DB22255 connector on the rear. It is unknown which series the plug-in receivers work with but they also operate as a stand alone unit. 14x2.5x5, 8 lbs sh. Used less crystal, \$40.00



All units listed below have the same description as listed above unless otherwise stated. We have no further information on how the units differ from one another unless specified in our listing.
Watkins Johnson 441 VHF, \$39.50
Watkins Johnson 461 UHF, \$39.75
Watkins Johnson 461-2-1 UHF, \$39.95
Watkins Johnson R461-1-2 VHF, has RFI screening on meter, \$40.25

Noise Reduction Unit

PRICE REDUCED



JPS Communications NRU 500 Noise Reduction Unit originally designed to improve the signal to noise ratio of HF communications. The unit removes broadband noise, repetitive impulse noise, tones, hetrodynes, and receiver birdies. The unit can be used to process any audio speech signals. Output impedance 600 ohms. Controls on front panel, power; Noise reduction-Max-med-min; bypass on-off; signal LED; in and out level adjust(scdvr); squelch; speaker; phones; monitor level. Requires DB-9 M and F, not included. Requires 115/230VAC. Units are in excellent condition, \$325.00

COLLINS 208U-3A



208U-3A POWER AMP automatically tunable over 2 to 30 Mhz SSB-AM-CW @ 3 KW PEP for use with URG-2 radios. Includes 4CX5000 PA tube; tune time 6 sec nominal, 10 sec max. With modules 333H-2 Electronic Control Amp, 309F-1 Digital to Analog Converter, 915V-2 Amp Control, 652J-13 Power Supply, 599Z-1 Test Panel and 915X-1 Control Monitor. Includes manual copies for all components except 915X-1 & 599Z-1. 72.5x32.6x31; 1200 lbs shipping.

USED-NOT TESTED less 4CX5000, \$3200.00

VISIT OUR WEBSITE AT FAIRRADIO.COM

HF-80 KW Power Amp



ROCKWELL HF-8023 POWER AMPLIFIER, solid-state 1 KW (avg) amp utilizes one driver plus four 250 W power modules to achieve rated output; VSWR:

1.3:1. Designed for use with HF-8014A exciter and power supplies HF-8031 or 8032. Cables & manuals not available. HF-8023 (622-3490-207): 10.5x19 x25, 62 lbs sh. USED, not tested, \$2950.00

HF-8030 (622-3383-001) POWER SUPPLY for HF-8020 power amp; 90 lbs sh. unused, \$1500.00

+++++

HF-8064 4-CHANNEL HF PRESELECTOR, auto-tuned bandpass filter for HF-8054 receiver & HF-8014. Provides front-end selectivity & overload protection for Rx; improves cross-modulation & out-of-band intermod. Power: 100/115/215/230 V 47-63 Hz. 5.3x19x24, 32 lbs shipping. #622-3522-203, used, \$595.00

PRICE REDUCED



HF8040A AUTOMATIC ANTENNA COUPLER, matches antenna to power amp over 1.6-30 MHz ISB-USB-AM-CW 1 KW average, 1260 W PEP. Has control logic card, vacuum caps USLPA-500-6 & USLS-500-5 and large inductor coil. Aluminum outdoor enclosure; 115/230 VAC 50/60 Hz. 15x39.3x21, 100 lbs #622-3515-001, GOV'T RECONDITIONED, \$995.00 MANUAL for CU2294 (HF8040A) partial-repro, \$35.

+++++



HF8040A AUTOMATIC ANTENNA COUPLER, matches antenna to power amp over 1.6-30 MHz ISB-USB-AM-CW 1 KW average, 1260 W PEP. Has control logic card, vacuum caps USLPA-500-6 & USLS-500-5 and large inductor coil. Aluminum outdoor enclosure; 115/230 VAC 50/60 Hz. 15x39.3x21, 100 lbs #622-3515-001, GOV'T RECONDITIONED, \$995.00 MANUAL for CU2294 (HF8040A) partial-repro, \$35.

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1 KW Power Amp

RF-110A POWER AMP, "lazily" amplifies output of RF-1310, T-827, RT-618 and similar exciters to 1000 watts PEP SSB-AM using two 4CX1500B tubes driven by two 8122's. Output adjustable down to 10 W. Frequency selection of 2-30 Mhz in 19 bands or automatic for RF1310. Comes with system operator's manual. 12.4x17.4 x20, 95 lbs. Used-EXC not-tested \$1295. Connectors for RF-110A - WRITE



PP-3916 230 VAC 50/60 Hz 3-PHASE SUPPLY for above or URT-23. Output 2250 VDC 1.2 amps, 500VDC 900 ma, 115 VAC 60 Hz 185 W, 115 VAC 400 Hz 70 W. 7.1x17.4x19.9, 160 lbs sh. Used, \$165.00

RF-1310 HF Exciter



HARRIS RF-1310 HF EXCITER, microprocessor controlled set produces 100 mw RF output over 0.4 to 29.9999 Mhz

AM-USB-LSB-CW in 10 Hz increments; provision for 100 preset channels. LED readouts & push button entry of frequency & function + signal meter. Stability 1 pp 10 MM /day using internal 1 MHz standard. Requires 115/ 230 VAC 48-63 Hz; 7.5x19x22, 45 lbs sh. Used-Excellent, \$1495.00

Class C Power Amp

CLASS C POWER AMPLIFIER removed from T-195/GRC-100 watt transmitter; uses 4X150D tube to cover 1.5 to 20 MHz in ten bands using variable and fixed capacitors, switches, and 400 Hz servo motor. Chassis also has discriminator and servo amp. Requires 1000 VDC modulated, -250 VDC, -45 VDC & 115 V 400 Hz for motor. W/tubes 4X150D, 5751, 6AQ5, 5763 and schematic. 9.5x8.5x6, 15#. PA/T195, used, \$39.50



602-999 MHz Amp

PRICE REDUCED



AM-1957 AMPLIFIER-OSCILLATOR, 601.5 to 999.5 MHz plug-in for T-893/GRC-50 transmitter. Utilizes three 7289 tubes as 651-1049.5 MHz oscillator, -50 MHz mixer and 15 watt power amp. Directional coupler detects Reflected Power and provides monitor output for external meter circuit. RF passes through duplexer having identical receive/transmit sections each with two cavities. (Receive signal routed to separate AM-1955 receiver module.) Transmit RF then moves to second directional coupler which detects Reflected Power also with output for external meter. Wavemeter samples output RF for frequency measurement using calibration chart. Cathode current of each 7289 regulated by external 250 VDC, 650 VDC, 800 VDC, 5.7 VAC, 5.5 VAC. Schematic and info included. 8.9x11x16, 36 lbs shipping USED, \$59.50

+++++

AM-1955B/GRC AMPLIFIER CONVERTER used with R-1148A/GRC-50 receiver for 600-1000 MHz band; 60 MHz IF. Uses 4037A/2C40A tube as oscillator; also 5654, 2/5842. W/ wavemeter & calibrate book. Requires 150 VDC, 6.3 V. 15x9.5x8, 30 lbs sh. \$25.00

100 to 225 MHz Amp

AM-912/GRC AMPLIFIER-MULTIPLIER plug-in for T-302/TRC transmitter; covers 100-225 MHz FM @ 100+ watts using 4X150A tube. Controls Grid & Plate Tune and Amp Output Coupling. Requires +750 V, 200-350 V screen, and 6.3 V filaments; with schematic. 12x6x14, 24 lbs used, \$69.50



AM-915, 225-400 MHz; 4X150A, 4X150G. \$85.00

+++++

AM-914/TRC AMPLIFIER-CONVERTER, plug-in for R-417 receiver in 225-400 MHz range. Continuous tuning of RF and oscillator; 30 MHz IF. Modify and use as down-converter! With tubes 5670, 4/6J4. Requires 150 VDC & 6.3 V. 7.5x6.5x9.5; 15 lbs sh. USED, \$35.

AM-1179/GRC, 50 to 100 MHz, used, \$39.50
AM-1177/TRC, 400 to 600 MHz, used, \$44.50
AM-3203A/TRC, 1.35 to 1.9875 GHz, used, \$49.50

HF Receiver Amplifier

HF Linear Receiver Amp, 2 to 30 Mhz dual channel solid-state unit amplifies RF signals for receivers to "pull in" the weak stations for the shortwave listeners. Each channel is capable of 1 to 1.5 watts with gain of 20 DB. Ideal basis for QRP projects, receiver preamps and exciters! Tuned circuits could be put between the cascaded channels. Each channel consists of plug-in modules: input bandpass filter, preamplifier, power splitter (2 emitter followers), power amp, and monitor amp. TO-5 style transistors; connectors are TNC but could be replaced with single hole mount BNC. Aiken mfg; schematic N/A. Requires 115 VAC 50-400 Hz; 3.25x19x19, 30 lbs shipping. #AE-3300-42889, used-rep \$99.00



UHF Power Amp



AM-6155/GRT-22 POWER AMPLIFIER (ITT 3212) conservatively rated for 50 watt output from 10 watt exciter input over 225-

400 MHz; uses Eimac X651Z/8930 or Amperex DX393 tetrode (no choice) in silver-plated cavity-drawer; 175-turn TUNE counter dial. Main chassis has solid-state power supply and buffer amp/multiplier; panel meter monitors voltages. Requires 105/120/210/ 240 VAC 50-400 Hz and +20 V reg 60 ma, +20 V keyed; w/schematic info. 7x19 x18.5, 80 lbs sh. USED-excellent-NOT TESTED, \$235.00

Power Amplifier Plug-in for AM-6155 amplifier which is conservatively rated for 50 watts. Plug-in includes valuable parts such as the main cavity, low pass filter, directional power detector, and tetrode tube Eimac X651Z/8930 or Amperex DX393. 18.3x7x6.8, 13 lbs sh. #PA-6155, Used, \$135.



HV Supply from AM-6154 or AM-6155 amplifier. Loaded with GREAT parts! 1752V at 270ma transformer, 8HY 300ma choke, 100K ohm 95 watt resistor, 2x5mfd 3KVDC capacitor, & rectifier circuits card. 15x5.7x6.3, 32 lbs sh. #HV-6155, Used, \$95

Bias Supply from AM-6154 or AM-6155 amplifier. 7.1x5x4, 7 lbs sh. #BS-6155, Used, \$30.00

RF Amp / Preselector

TN-612/G Prepost

Selector, consists of RF preselector and broadband power amp. Pre-selector operates in four bands 1.8-3.6, 3.6-7, 7-14, and 10-24 Mhz. Microprocessor-controlled unit has no front panel controls except ON-OFF and indicators for OV DE, OVL, ATT, BITE, TUNE plus silver-plated coils and 3-gang variable capacitor. Frequency is selected by twelve Kilovac HC-1 vacuum relays and nine mini-coax relays along with motor interface adapters. Relays actuated by driver transistors. RF power amp uses four transistors S15-28, T9-0664 and two MRF-466 as output amplifiers. P/o GRC-215 HF-SSB; no further info. Requires 115/230 VAC 50-60 Hz; 4.5x19x17, 46 lbs Unused, \$250.00



HF Pre-Post Selector



RF-551A PRE-POST SELECTOR highly selective bandpass filter for 2-29.999 Mhz range functions as preselector for

enhancing receiver signal reception or as post selector for reducing exciter output noise when used with 6 db pad (not supplied). 5-decade freq-control knobs & Hi-Lo Gain switch; N conn. Req. 115/230 VAC 47-420 Hz; 5.3x19x20, 36 lb used-nice, \$350.00; Manual, partial repro, \$20.00

UHF Preselector

F-1506/G UHF Tunable Band Pass Filter / Preselector covering 225-400 MHz dial tuned.

Consists of Lark Engr. FX4000-089 filter with N conn in rackmount package. 5x19x18, 25 lbs sh. Used, \$75.00



CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

FAA Transmitter



UHF Transmitter FAA We do not know anything about these except that they are exceptionally well built. Please see the pictures on our web site.

Has output transistor MRF325 and driver transistor MRF321. Federal stock #5825-00-140-2735. Model AN/GRN-27. Part #917800-1. Radio Navigation. Mfg by Texas Instruments. 5.9x14x4.5, 11 lbs sh. Units are in good physical condition, untested. \$35.00

VHF Transmitter similar to above except uses MRF316. Units are in good physical condition, untested. \$35.00

GRT-21/22 Transmitter

T-1109 Transmitter from AN/GRT-22 Radio Set. Frequency coverage is 225-400 MHz AM in 3500 channels. The crystal controlled transmitter has 10 watts output.

Associated amplifier is the 50 watt output AM-6155 listed on page 4 of our catalog. Requires 120/240 VAC. 18x19x5.3, 50 lbs sh., Used, \$49.95

T-1108/GRT-21 Transmitter same as above except 116-150 MHz in 680 channels. Associated amp is AM-6154. Used, \$50.00

Schematic Pack for T-1108/T-1109, \$15.00

T-195/GRC-19 TRANSMITTER, 1.5-20 MHz AM-CW-FSK; 100W max. Requires 22-30 VDC 42 A for dynamotor; less meters, 135 lbs. used, \$225.00

ARC-60 Items



R-508 AIRCRAFT RECEIVER, 118 to 148 MHz AM continuously tunable, but does not have dial; tuned remotely using control box with MC-215 flex spline (not available). 15 MHz IF; binding post & BNC antenna

connections on front. Tubes 12A6, 14A7, 14F7, 2/14R7, 9002, 3/9003. Same as R-19; p/o AN/ARC-60 & ARC-type 12. Requires 250 VDC 60 ma & 28 VDC. 6.5x5x11.8, 15#. Used \$20.

O-423/AR OSCILLATOR-RELAY provides 1 KHz tone for "whistle-thru" tuning of ARC-60. 3.9x5x2, 3 lbs. UNUSED, \$15.00



CV-431/AR FREQUENCY TRANSVERTER, p/o ARC-60 set: receives RF in 228-256 MHz range and converts them to 118-148 MHz for reception on R-19 receiver. Also transmits over 228-256 MHz AM on 8 crystal channels; 1/2 watt output. (Crystals not included.) With tubes 3/5763, 6201, 6360, 6939. Requires 28 VDC and +250 V. 4.8x4.8x11.5, 9 lbs. UNUSED, \$22.00

AT-701 Antenna for ARC-60 radio set. This antenna is a quarter-wave, base fed, inverted L-type designed to operate in the UHF band. It consists of a 1/4" diameter L-shaped rod mounted on a small aluminum box containing a receptacle for coupling to a 52 ohm coaxial transmission line. 6" vertical x 7" horizontal x 1/4" diameter, 2 lbs sh. Used, \$10.00



Aircraft Receiver



R-761/ARC-58 Receiver covers 2 to 29.999MHz, companion receiver and exciter to T-730. Req. 115 VAC 400 Hz input. 7.8x10.3 x23.5, 55 lb used, \$135 SCHEMATIC, \$10.00

C-3141 CONTROL for freq-select; 6 lbs. USED, \$20.00 CONNECTORS for above \$7.50 ea. w/ set purchase

MODULES from AN/ARC-58 or TRC-75 radio sets. Each 4.8x4.5 x1.5, 2 lbs sh. USED-not tested:

AM-1523 AMPLIFIER DETECTOR, 4x 5899 tubes; p/o R-761, \$17.50

AM-1525 or AM-1733 ELECTRONIC CONTROL AMPLIFIER p/o T605/T-730 xmitter, \$15.00 ea

AM-1526, similar to AM-1523, \$17.50 ea

AM-1528 AMPLIFIER-MIXER for R-761 with ten tubes and slug rack, \$45.00; Schematic, \$3.

AM-1529 AMPLIFIER OSCILLATOR with Collins mechanical filter P455 Z1, \$28.00

CV-465B MIXER OSCILLATOR, for R-761; oscillators master 70H13A, interpolation, spectrum generator Mech filters F455 Q2 & Q3. \$55. Schematics, \$10.

CV-465C MIXER OSCILLATOR, \$75.00

MD-286A BALANCED MODULATOR with mechanical filters F300 Z4 and F300 Z5, etc. \$35.00

SG-179A/URC REFERENCE GENERATOR, \$35.00

ARN-30D VHF Receiver



R-1021/ARN-30D VHF RECEIVER covers 108 to 126.9 MHz AM in 100 KHz steps (190 channels); originally part of air navigation system. 1st IF 11.7-12.6 MHz; 2nd 1.7 MHz.

Electrically turned crystal turrets with frequency displayed on side panel.

Adjustable squelch; 300 ohm audio out. 50 ohm input impedance; BNC connection. Tubes 5718, 5840, 5896, 4/5899, 5902, 6021, 6112. Requires 28 VDC 1.8 A and 260 VDC 85 ma. 5.5x11.4x4.6, 10 lbs. Used, \$29.95

PP-2792 Power Supply for ARN-30D. This electronic supply has an input of 28VDC at 1.22 amps with an output of 260VDC at 100ma. Replaces DM-32 and D-10A. 4.8x2.9x3.4, 4 lbs sh. Used checked, \$45.00

BC-733 Radio



AIRBORNE RADIO RECEIVER BC-733 is designed to operate at six fixed crystal-controlled tuned frequencies of 108.3, 108.7, 109.1, 109.5, 109.9, and 110.3 MHz. When tuned to any of these frequencies the receiver is capable of accepting CW radio frequency power, AM at 2 audio frequencies, amplifying and delivering it as audio

frequency power to a filter rectifier network where the two audio frequencies are separated and applied to an indicator. 13.4x5x7.1, 22 lbs sh. Used, \$59.50 Manual repro, \$12.00

DM-53-A Dynamotor less base for above, \$6.00

Sonobuoy Receiver

R-1170/ARR-52A VHF RECEIVER 162.5-173.5 MHz AM, FM and video using 31 crystal-controlled channels. Solid-state sonobuoy receiver consists of five plug-in modules; 26 MHz 1st IF, 5 MHz 2nd IF. Conversion possibilities for 2 meters, VHF weather, satellite TV, etc. (See Oct '74 CQ Mag.)

Requires external control and 18 VDC. 7.5x2.5x10, 9 lbs. USED, \$19.95. SCHEMATIC, \$5. w/ set. MANUAL, partial repro, \$15.00 w/ set.



Collins 618T



COLLINS 618T-2 SSB AIR-BORNE TRANSCIEVER, 2-29.999 Mhz SSB-AM-CW in 28000 channels. Power output: 400 watts SSB-PEP 125 W AM-CW; 52 ohm output impd. Sensitivity SSB: 1 uv for 10 db S+N/N. Selectivity SSB:

2.85 KHz, 6 db down; 6.0 KHz 60 db. Audio input: 600 ohms. Uses two 4CX250's in P-A. Switch & meter monitor internal power. Separate control necessary for channel select. Racks & cables not available. Requires 115 V 400 Hz 3 phase 1 KVA & 1 phase 160 VA; also +27 VDC 4.5 amps. W/ manual repro; 7.6x10x22.2, 58 lbs. used reparable with K9 osc, \$495

#618T-3, like above but requires 28 VDC 35 A and 115 V 400 Hz 1 phase 100 VA. USED, \$600.00

MODULES FROM COLLINS 618T

HF TRANSCIEVER, as removed from equipment—not tested:

AM AUDIO AMP #546-6053, has mech filter F500 Y60 (526 9378); 2 lbs sh. \$40.00

IF TRANSLATOR #544-9286, has LSB-USB filters F500 Z4 (526 9377) & Z5 (526 9376), Mech. filter as used in PRC-47 to modify for LSB operation, \$65.00

KC- FREQUENCY STABILIZER, has mechanical filter F250 F100 (526 9410) and crystal filter X250KF440 (526 7006); 3 lbs sh. \$35.00

RF TRANSLATOR with K9 oscillator, 15 lbs., \$200.



618T RF REFERENCE OSC. MODULE, includes 3 MHz crystal oven which is divided to 500 KHz output, amplified and then divided again to produce 100 KHz output. 4.3x6x2.7, 2 lbs #528-0251-005, used, \$25.00

COLLINS 490T-1A (CU-1669A) AUTOMATIC ANTENNA COUPLER for 618T and similar 2-30 MHz transceivers; rated RF input 630 W PEP, 200 W average. Matches 25 ft or longer whip or 25-100 ft long wire antenna to 50 ohm line. Terminal for wire and "C" coax connection. Has 5-500 pf 10 KV vacuum variable capacitor and variable step-coil. Requires 115 V 400 Hz; 7.6x 10.1x12.6, 24 lb used not tested, \$450.00



Collins 618T URM-157 Test Set,

Consists of TS-1949/URM-157 and cable which connects the TS-1949 to the 618T. The radio set control is part of the TS-1949. Has meter to indicate forward / reflected power 200/2000 watts. Also provides connections for microphone, headset, audio in, and key. Power input connector also provided. Connections for 516H-1, antenna coupler, DC in, AC out are on the test set (write for available connectors/cables). 34 lb. used \$350; unused \$795

TS-1949 less control box but with test set, RT cable, and AC connector, 23 lbs sh. \$300.00

TS-1949 only, less control box, 18 lbs sh. \$125.00

SSB HF Transceiver

RT-594/ARC-38A AM-LSB-USB HF TRANSCIEVER, 2.0 - 25 MHz using 20 preset channels with autotune channel change. Stabilized master oscillator allows possible 35250 channels in Intervals 500 Hz (2.0-7.25) and 1000 Hz (7.25-25 MHz). Output 100 W PEP < 14.25 MHz; 90 W > 14.25 MHz. SSB sensitivity 1.5 uv for 10 DB S+N/N. Selectivity 3 KHz min 6 DB dn; 8 KHz max 60 DB. Has 25 tubes with 3/ 6159 in P-A. Requires +28, +600, +250, -50, -65 VDC & 6.3 VAC; Also 115 V 400 Hz for selsyn on inductor. 15.5x8 x25, 80 lbs. Used, \$175.00 Manual, repro, \$22.00



COLLINS 618S1, similar to RT-594/ARC-38A except not SSB; crystal-controlled (no VFO). USED, \$75.00 SETTING BOOK for C-1398/C-3428 control, repro, \$10

PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

ARC-51BX UHF Tx-Rx



RT-742/ARC-51BX UHF Aircraft Transceiver, 225-399.99 MHz AM in 3500 available channels, 50 KHz spacing; also has guard channel. Output 16 watts min. RF impedance 52 ohm input & output. Audio and mic impedance 150 ohms. Doesn't include ID-1003 SWR indicator; separate control box necessary for function & frequency selection. W/ tubes 4/ 7077 and 4/ 7544; requires 27 VDC 13 amps. 7x9.5x15.1; 35 lbs. Used, \$150.00

ARC-109 Transceiver

RT-749/ARC-109 UHF AIRCRAFT

TRANSCEIVER, solid-state Collins unit operates on 225-399.95 MHz AM, DSB and A3 phone @ 30 watt min. 3500 available channels in 50 KHz intervals plus 243 MHz guard channel. Uses 4631 tube in P-A; 150 ohm audio/ mic impedance. C-6364 control necessary for channel select; cables & racks not available. Replaced ARC-27-34-51-52. Requires 115 V 400 Hz 3 phase. 6.8x9x16, 29 lbs. Used repairable, \$350.00



SCHEMATICS f/RT-749, repro, \$12.00

C-6364/AR CONTROL, used, \$45 w/set purchase.

FM Transceiver

MAGNAVOX FM-622 (RT823/ ARC-131) Airborne

Transceiver, covers 30-76 Mhz FM in 920 channels, 50 KHz steps. Output 1 watt in LO; 18 W max HI @ 29 VDC RT has Squelch Disable & Adjust, Test switch. Meter monitors +24 V +16 V-AGC-RF FWD- RF REFL-OFF. Control box provides channel select, Volume, Squelch, OFF-TR-RE-TRAN HOME switch. Has some modules common to RT-524/VRC-12. Requires 24-29 VDC 4 amp max. Rack & cables are N/A. 7.8x5.9x15.6, 31 lb used w/control box, \$250.00



Collins VHF Tx-Rx Set

AN/ARC-73 AIRCRAFT RADIO SET

designed by Collins; consists of T-879 (17L-7A) transmitter, R-1123A (51X2B) receiver, C-4074 (614U) control and MT-2699 rack. T-879 covers 116 to 149.95 MHz AM in 50 KHz steps (680 channels) with 25 watt output to 133.95 MHz and 20 W min. above. Sidetone level 100 MW into 500 ohms; mic impedance 100 ohms. R-1123A covers 108 to 151.95 MHz in 50 KHz steps (720 channels). Sensitivity 3 uv; audio output 500 ohms. Both have antenna input impedance of 52 ohms and require 27 VDC (7.3 amp max transmit) power. Both utilize tubes and transistors. C-4074 control sets frequency on mechanical counter and has Volume, Squelch, and On-Off functions. Mating connector not available. MT-2699 rack is unused but is missing connectors. Operator's manual and schematics included; 9.5x8.5x16, 40 lb used, \$149.50

T-879 TRANSMITTER only; 20 lbs sh. USED, \$69.50
R-1123A RECEIVER only; 19 lbs sh. USED, \$75.00
C-4074 CONTROL BOX for frequency select, volume control, etc; w/ set purchase. used, \$12.50



VHF Transceiver



RT-723A/GR VHF Transceiver covering 118 to 149.95MHz in 50KHz steps. Rackmount unit comes with Wilcox 807 transceiver and control box. Requires 115VAC 60Hz. 17.8x19x10.5, 77 lbs sh. Used, \$450.

115VAC 60Hz. 17.8x19x10.5, 77 lbs sh. Used, \$450.

USB Receiver-Exciter



RT-662/GRC-106 TRANS-CEIVER, 2 to 29.999 Mhz USB-AM-CW-FSK; tunes using 5-decade mechanical switches to 1 KHz steps + vernier.

Exciter output 100 MW. Controls: Service Selector, PA Load, Squelch, Noise Blanker, BFO and audio functions. LESS Signal Level meter. Requires 24 VDC 10 amp; 7x18x13, 56 lb sh.

USED: "AS-IS" not tested/LESS meter, \$275.00
"CHECKED" with meter (not original), \$450.

RT-834/GRC-106A, similar to RT-662 above but 2-29.9999 MHz, 0.1 KHz increments. USED:
"AS-IS" no meter, \$300.00; Checked w/sub mtr, \$495

GRC-106 MODULES for RT-662 and RT-834, most modules available except 1A3 Freq-Standard removed from "used" radios. Specify module # and RT #; 2 lbs sh each. Price: UNTESTED, \$20 ea Add \$20 per module for "CHECKED" modules.

AM-3349/GRC-106 POWER AMP for RT-662/834; amplifies 100 MW RT output to 200 W AM or 400 W PEP. Uses two 4CX350FJ tubes. Requires 28 VDC 1 KW max; 77 lb used-AS-IS, less meters, \$400



MANUALS, partial repro: GRC-106/106A, \$40.00

OPERATOR'S for GRC-106A, \$10

H-33/PT HANDSET, used-checked, \$17.50

M-29B MIC, used, \$12. H-227 Headset, \$17.95

LS-166 SPEAKER, unused, \$25. Wall bracket, \$3.00

AB-652 MAST BASE, 6 lbs sh. USED, \$20.00

MT-3140 MOUNT & SIDE PLATES, 25 lb. Used, \$35.

CX-10099 INTERCONNECT CABLE, used, \$20.00

CO-10171 ANTENNA CABLE, 4 lbs. Used, \$22.00

MX-7777B Suppressor see pg 23 for descript. \$17.50

AN/UGC-74 TELETYPEWRITER, used, \$85



MD-522A/GRC MODEM, modulator-demodulator for GRC-106/106A HF radios and teletypewriters

TT-4A, TT-76, TT-98, UGC-4 or UGC-74. Permits transposition of voice, narrow (NSK) or freq (FSK) shift keying, freq-diversity and NSK +voice. One-way or duplex Send-Receive. Internal loop voltage 120 VDC 60 ma max. Has 2BP1 CRT, U-77 mic & 600 ohm audio connections. With original volt-current meter for customer to install. Req. 24 VDC 1.4 A; 7x18x13, 41 lb used, \$165.00 Manual repro, \$25.00; Power Connector, \$10.00

GRC-109 Transmitter / Supply

T-784A/GRC-109A TRANSMITTER, 3 to 22 MHz CW in bands 3-6, 6-10, 10-17 and 17-22 MHz at 10-15 watts depending upon frequency. Crystal control; tuned by adjusting 3 panel controls to tuning chart. Built-in CW key; uses 72 to 1200 ohm single wire antenna. Has code burst capability, if used with GRA-71 (not available). Tubes 2E26, 6AC7. Requires 450 VDC 100 ma and 6.3 V 1.2 A; 8.6x5.5x5.5, 14 lbs sh. Used, \$125.00



PP-2684/GRC-109 POWER SUPPLY provides voltages for RT-3/T-784 and R-1004/RR-2 from 75-260 VAC 40-400 Hz or 6 VDC 13 amp input. Meter monitors AC input; connections for RX and Tx. 10x8.5x5.5, 28 lbs sh. USED, \$29.95

PP-2684A, Similar to above except larger case. used, \$32.00

MANUAL for GRC-109, partial repro, \$17.00

CN-590/GRC-109 VOLTAGE REGULATOR, for use with G-43 generator and R-1004; 6 ft cord with PL-244 plug; 4 lbs sh. USED, \$19.95

GRC/VRC Equipment



RT-68/GRC TRANSCEIVER, 38-54.9 MHz FM continuously tunable or 100 KHz-step channels.

Receives and transmits both voice and 1600 Hz ringing FM; range 10-15 miles. Receiver circuit has variable 1st IF 4.45-5.45 MHz and fixed 1.4 MHz 2nd IF; also squelch and 600 ohm audio output. Transmitter uses crystal-controlled oscillator and oscillator power amp; power output 2 watts (LO) or 15 W (HI). Also meter to monitor xmitter filaments and 90 V input. Requires PP-109 or -112 power supply. Tubes 4/1U4, 2E24, 2/1A3, 2/1L4, 4/1R5, 2/1AE4, 1S5, 4/3Q4, 3A4, 3/3A5, 2/3B4, 6AK5. 9x13x11.3, 42 lbs sh. USED, \$115.00
RT-67 TRANSCEIVER, 27-39MHz, USED, \$99.50
RT-66 TRANSCEIVER, 20-28MHz, USED, \$89.50

PP-112/GRC 24 VDC SUPPLY for RT-66-67-68 transceivers; provides all voltages from 24 VDC 6.5 amp input. Case may have casting chip(s); 7.3x9 x13, 39 lbs sh. USED, \$27.50



PP-109 SUPPLY, 12 VDC 12 A input. USED, \$35.

CX-1211 INTERCONNECT CABLE, RT: PP units, \$9.



R-108/GRC RECEIVER, 20 to 28 MHz-FM continuously tunable with variable squelch; 4.3 MHz I.F. Audio output: 600 ohms. RF input: 50 ohms. With tubes 3/1U4, 2/1L4, 1A3, 2/3A4, 1S5, 2/3Q4, 2/6AK5 & 0B2. Requires 135 VDC @ 70 MA. and 6.3 VDC 2 amps. 7.5x9x13; 32 lbs shipping. GOV'T-RECONDITIONED, \$55.00

R-109 RECEIVER, same as R-108 except 27-39 MHz. Used, \$45.00

GRC Audio Amp



AM-65/GRC AUDIO AMPLIFIER, 3-channel audio for RT-70 transceiver; also works as power supply when PP-281 or -282 modular supply is installed inside AM-65. 4.4 x 8 x 13, 17 lbs sh. USED, \$22.50

CX-1213 Dogbone Cable RT-70/AM65. Unused, \$22.

R-442/VRC Receiver

R-442/VRC RECEIVER 30-75.95MHz FM RECEIVER. 920 50 KHz CHANNELS. Has noise and tone operated squelch. Normally used with antenna system AB-15, MS 116, 117, 118. Power connections through MT-1898 mount and DC power cable, CX-4720 which are included. 13.5, x 5.8 x 8.9, 31 lb sh. Used Repairable \$300.00



TRC-68 Transceiver



RT-441B/TRC-68 Transceiver 225-400 Mhz AM. 1960's vintage transceiver, basically same as RT-323/VRC-24, rated 16 watts minimum 225 to 400 Mhz. As pictured, no case, no dynamotor/power supply. Voltages required

26.4vdc 125 vdc 300 vdc. Utilizes the following tubes. 7/5670 10/5654 6442 4x150d 7554 6/6j4 6/5670 4/ 5763. 15.2 x 9.5 x 10.2, 47 lb sh. Excellent condition \$200.00
Reproduction of maintenance manual \$35.00

EMAIL US YOUR INQUIRIES AT FAIRRADIO@FAIRRADIO.COM

2-12 MHz USB 100 Watt



RT-671/PRC-47 HF TRANSCEIVER, 2 to 11.999 MHz USB (voice and CW+800 Hz) in 1 KHz steps. Output 100 watts PEP (Hi) or 20 W (Lo). FSK possible with accessory converter (not available). Transistorized except for PL-177WA tube in power amp and 5907, 7761, and 7905. Has 5-place mechanical digital tuning, P-A Load and Tune controls, and XMTR Output Meter. Designed for field or vehicular use; operates from either 24 VDC 20 amps or 115 V 400 Hz. 7x21.3x13.5, 45 lbs. Used, \$150

MANUAL for PRC-47, partial repro, \$25.00
AS-1321 LONG-WIRE ANTENNA, 3 lbs., \$15.00
H-33/PT HANDSET, used-checked, \$17.50
LS-166 SPEAKER, Unused, \$25.00
CX-8396 "Y" CABLE for H-233 to RT, \$8.00
CX-8393 50 ft AC Cable, \$15.00
CX-8395 Battery Cable, \$8.00
BACKPACK FRAME only with harness, \$12.50
BB-451 SILVER CELL BATTERY, 24 VDC 25 AH for PRC-41/47, 15 lbs sh. UNUSED, \$225.00
CY-3700 ALUMINUM TRANSIT CASE, 65 lb \$28.00
PL-177WA TUBE USED STT, \$25.00

MODULES from PRC-47 transceiver. Used not tested:

AM-3506 AUDIO AMP has mic, sidetone, vox and compressor circuits of TX; AGC & audio for Rx. Requires 20 & 24 VDC. 4.3x4.3x2.8, 2 lbs. \$15.00



AM-3507 AMPLIFIER MODULATOR contains LSB 500 KHz mech filter F500-Z5 (#526-9376) plus balanced modulator and product detector. Requires 20 VDC; 4.3x4.5x1.3, 1 lb. \$35.00
Connector set \$6.00

C-4311 CONTROL OSCILLATOR, 3 lbs. \$25.00

CV-1377 SIGNAL DATA TRANSLATOR with tubes 5907, 7761, 7905; 5 lbs sh. \$50.00

O-1032 RF OSCILLATOR contains 3 MHz crystal in oven; produces 500 and 100 KHz outputs. Requires 20 VDC; 4.3x4.5x1.3, 1 lb sh. \$20.00

PP-3518 POWER SUPPLY, 16 lbs sh., \$25.00

PRC-41 Manpack



RT-695/PRC-41 UHF MANPACK UHF TRANSCEIVER, 225 to 400 MHz AM in 100 KHz steps counter; output at least 3 watts over range. Also has guard channel, Volume, Squelch, and U-77 connection for H-33 handset. Solid-state except for tubes 6442, 4/7077, and 4/7544. Requires 24 VDC 3 amps; 14x11.3x4.5, 22 lb. Used, \$149.50

MANUAL for PRC-41, partial repro, \$20.00
H-33/PT HANDSET, used-checked, \$17.50
MT-2977 VEHICLE MOUNT for PP-3700, 4#, \$9.00

BC-1000 Radio

BC-1000 Backpack Transceiver Set, WW-2 and Korean War sets from NATO-surplus. 40 to 48 MHz FM range in forty-one 200KHz steps. Power output: 300 MW RF, 200MW AF. Built-in 43 MHz crystal calibrator. Tubes 1A3, 5/1L4, 3/1S5, 6/1T4, 1R5, and 2/3A4. Requires 4.5VDC 500ma and 90VDC 25ma. European markings. Comes with CS-128 battery box and SCR-300A manual; 5.6x11x14.4, 28 lbs sh. Used, \$135.00
BC-1000 with decal to replace lettering, \$149.50



Accessories for BC-1000 with purchase:
AN-131 Antenna, 8 section; \$30.00
AN-130 Antenna, \$22.00
H-23 Handset or equal (similar to TS-15), \$35.00
M-391 Pad, Unused, \$6.00
CD-318 Switch no straps, Used, \$14.00
T-45 Lip Mic, \$3.00
BG-150A Bag, \$10.00

PRC-25 Backpack Radio



RT-505B/PRC-25 TRANSISTORIZED BACKPACK TRANSCEIVER, 30-75.95 MHz FM in bands 30-52.95 MHz (Lo) and 53-75.95 MHz (Hi) with 50 KHz spacing. Output: 1.1 to 2.0 watts; 150 Hz squelch. Transistorized except 2DF4 tube in power amp. Requires 3 VDC 400 ma and 15VDC 1.4 amp supplied by BA-4386 battery. RT-505B has modified A25 audio module for broadband use with C-7673/PCC-1 and CU-2194 diplexer. 4x11x14, 18 lb USED, \$300.00

MANUAL for RT-841/PRC-77/25, partial repro. \$20.00
ST-138 Backpack Harness. Used Excellent, \$35.00
AT-892/PRC-25 RIBBON ANTENNA, used, \$12.00
AB-591/PRC RUBBER BASE for AT-271, used, \$7.00
BA-4386/PRC BATTERY // PRC-25-77, "weak" 3/\$5.00
BB-5598 BATTERY, 1995 X-date (no UPS or air), \$4.00
CW-503/PRC ACCESSORY BAG, used, \$7.00
H-250 HANDSET or = for PRC-77/25, USED, \$18.00
Original Op's Manual // VRC-53 (PRC-77 & AM-2060) \$20
PRC-25 Accessory Kit consisting of H-250 handset, AT-892 ribbon antenna, AT-271 telescoping antenna, AB-591 rubber base for AT-271, and CW-503 bag which holds all the before mentioned accessories. 6lbs sh. Used, \$69.50



AM-2060 Audio Amplifier / Power Supply with interconnect cable CX-4655. PRC-25 or PRC-77 transceivers sets on and plugs into AM-2060. Unit has a speaker for the transceiver, remote antenna tuning for the AS-1729 antenna and allows 24VDC vehicle electrical to power transceiver. Comes MT-1029 mount. 11.8x15x6.7, 23 lbs sh. Used, \$360.00

AN/GRM-55 TEST SET, used to check test points in modules of RT-505/PRC-25 transceiver and to isolate circuit problems. (Indirect tests only of modules A2, A12-13, A19-20.) Includes TS-1755 test unit, MX-4622 probe, CX-8593 cable assy and CG-409 BNC cable. Requires 12.5 VDC 1 W per 5 sec test. 5.5x7x8, 10 lbs sh. Used, \$54.50



6 Meter Diplexer



CU-2194/URC DIPLEXER, passive two-port notch filter and combiner network; allows simultaneous use of two transmitters, receivers, or transceiver on a common antenna provided that operating frequencies are slightly offset. Usable over 30-76 MHz FM for use with PRC-25-77 & VRC-12 transceivers; will work with commercial 6-meter equip. Has NULL METER, TUNE controls, Fine-Coarse-Monitor MODE Switch and RT1-RT2 BNC connections. Unit may function as man-portable relay terminal. Maximum RF power to each channel: 65 watts continuous. Operational isolation: 45 DB min @ 2 MHz separation. Insertion loss: 2 DB max; VSWR 2.0:1 max. 4x11x7, 10 lbs. UNUSED, \$69.50; ORIGINAL MANUAL, \$10.00

PRC-6 Handheld

RT-196/PRC-6 FM TRANSCEIVER, Israeli 1950's vintage single-channel crystal-controlled in 47 to 55.4 MHz range. Output good to about 1 mile depending on terrain and weather conditions. Handheld unit has push-to-talk switch, Volume Control, ribbon antenna, carrying strap and connection for H-33 handset. Uses CR-23 crystal (not included). With tubes 6/ 5678, 3B4, 3/5672, 2/5676 and 2G21. Requires 1.5, 45 and 90 VDC usually supplied by BA-270 battery (not supplied). 15x5x4.5, 6 lbs, used, \$99.50

Original Manual for PRC-6, \$10.00
CRYSTALS for PRC-6, specify 1st, 2nd and 3rd choices of desired working frequency, \$10.00 ea.



PRR-9/PRT-4 Radios



GOV'T-RECONDITIONED each single channel with crystal for 51 Mhz FM: #PRR-9 RECEIVER with earphone, antenna, & operator manual. Requires 5 V 25 ma battery power; 7x3.5x1.5, 3 lb. \$40.00
Manual repro for PRR-9/PRT-4A, \$15
Horn speaker for PRR-9 Unused, \$5.

AN/PRR-9 (XE-9) SET, updated PRR-9 with "squelch"; requires 3 VDC input from BA-4534 battery (not available). With AS-1998 ant, earphone, lanyard & operator's book; 6 lbs sh UNUSED \$89.50

AN/PRT-4 w/ antenna & battery box, Used less crystal, \$20.00

AN/PRT-4 "AS-IS", less crystal, antenna, and battery box; for parts or experiment, \$8.00



ID-1189/PR CHANNEL ALIGNMENT INDICATOR for testing AN/PRR-9 helmet receiver and PRT-4 transmitter. 47-57 MHz FM signal generator; checks both sets' batteries. Operating info & probe included in cover; 12x11.5x6, 16 lbs used \$65.00

PRC-75 Radio

PRICE REDUCED

RT-976A/PRC-75 UHF TRANSCEIVER, rugged handheld ground-to-air tactical synthesized radio covers 225 to 399.95 MHz AM-CW in 50 KHz steps (3500 channels). Power output >1 watt. Has three thumb operated dials to set frequency; design frequency accuracy 1 part / 100000. Also has 1000 Hz audio beacon-DF tone. RF input 50 ohms; audio output 600 ohms. Requires 18-30 VDC from battery pack (not supplied); no accessories; 1.6x4.3 x8, 6 lbs. Look nice, complete but not working. Not repairable. \$75.00



AS-2447/PRC-75 RIBBON ANTENNA, fastens to RT-976/PRC-75 225-400 MHz handheld transceiver; 14.6"L. snap fasteners. NEW, \$10.00

UG-1884/PRC-75 ANTENNA ADAPTER, allows for BNC coax antenna connection. NEW, \$9.95

SEM-52 Handheld



German-made unit can operate on six preset channels (2 supplied) in 47- 56.975 MHz FM range @ 300 MW; 25 KHz spacing. Has Off-On-Squelch (AUS-EIN-RSP), Volume & Channel (KANAL) select. Requires six AA-batteries. Includes RT, 35" ribbon antenna w/ flex base, "web" headset-mic and carrying bag. May not comply with FCC regulations. 7.1"Hx 3.4"Wx1.5"D, 4 lbs shipping. used-clean not-tested, \$125.00

PRC-126 Handheld

PRC-126 Handheld Radio covers 30-88MHz FM. This microprocessor controlled, synthesized unit has 2320 channels, 10 of which are preset. 25 KHz channel spacing. Has LCD frequency display. Transmit output is 1 watt and receiver sensitivity is 0.5uv. Replaced the PRC-68. Comes with 19" ribbon antenna and battery box. 9.9x3.8x1.5, 4 lbs sh. used, \$775.00



AS-4094/PRC-126 7" Rubber Ducky Antenna which also fits the PRC-128 radio. \$15.00

Ni-Cad Battery // above radios. #406870-1, unused, \$32.50

See battery charger on front cover

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600W Power Meter



ME-165/G STANDING WAVE-RATIO POWER METER, designed for use with T-368 400 W transmitter; uses 12/ 600 ohm 50 W non-inductive resistors in parallel to provide 52 ohm 600 W load with SWR of 1.1:1 or less upto 30 MHz. Has 0-600 Watt meter, function switch Power-Adjust-SWR-Operate, & N connections. Flanged on back for wall mount. 1.5x9.8x9.8, 20 lbs GOVT-RECOND, \$125.00; Manual, repro \$8.50 ME-165/G, USED-GOOD-looking, complete, \$45.00 ME-165 (or =), USED-POOR-looking, \$25.00

Dummy Load

Collins 172H-8 500 watt Electrical Dummy Load simulates the impedance of an 85 foot, long-wire antenna in the hf band 2- 30MHz. The RF loading components are cooled by a fan mounted in the front of the case. 0-10 RF ammeter on rear panel. Fan requires 115VAC 400Hz but we are including a replacement fan for you to install that requires 115VAC 60Hz. 13.8x9.5x7.3, 19 lbs sh. Unused, \$125.00



VRC-12 Power Supply



PP-2953 Power Supply used to run VRC-12 family of vehicular radios (AN/VRC-47, AN/VRC-53, AN/VRC-64, AN/GRC-125, AN/GRC-160) from 110/120 VAC, 60 Hz. Output is 26.5 VDC at 20 Amps. 14.3x14.6x7.3, 53 lbs sh. Used excellent, \$225.00

GRC-213 Amp / Supply

AM-7152/GRC-213 Amplifier / Power Supply / Squelch unit. The unit increases audio output and provides squelch circuitry for the AN/PRC-104, which the transceiver does not itself incorporate. It also provides DC power for the PRC-104. The AM-7152 may be used with the RT-1209/PRC-104 to provide audio and squelch without the entire GRC-213 set, or with any other HF/SSB transceiver that does not have squelch capability of its own such as the AN/PRC-74 or AN/PRC-47 sets. Requires 24VDC. 10x12.5x3.5, 14 lbs sh. Used repairable, \$235.



Military Speakers

GRC/VRC SPEAKERS have 4" dia cone, large PM magnet & 600:8 ohm transformer in cast-aluminum case w/ cable & audio plug. 5x5x3.3, 5 lb Used:



LS-454 w/ U-229 for PRC-25-77, \$18 unused, \$26.00

LS-166 with U-77 plug for R-392, GRC-3-8, used, \$18.; unused \$25.; Bracket, \$3.

LS-445 4" Speaker, ruggedized 8 ohm 2w perm. magnet type; 300-7khz resp. p/o of LS-166; 3 lbs. Used \$7.95

AM-6747/V Amplified Speaker for monitoring audio of R-442, RT-246/ 524 radios from remote location. Connection for H-189 or H-250 handset to allow remote keying of transmitter. Requires 28 VDC; can be modified for 12 VDC. Similar to AM4979; 5.6x5x3 + 2" top bolt; 6 lbs. Unused, \$35.00



AM-4979/GRC, similar to AM-6747 except has 6 ft cord with U-229 plug. USED-CHECKED, \$30.00



AM-4949/U Amplifier, a microphone amp in vehicle intercom systems using VRC-12 radios. Usable with M-80 mic, H-189/250 handsets, H-161 headsets or similar. Two connections for U-229 plug, Volume, ON-OFF, and power light. Requires 28 VDC; 4.5x4.5x3, 5 lb. used, \$22.50

Military Batteries



BB-5598 LITHIUM BATTERY for RT841/ PRC-77/25 radio; output 12.5 VDC. Two BB's fit RT battery box. Has discharge switch to make non-reactive after final use; 1995 expire date. Class 9 hazardous item; USPS Shipping ONLY. 3.5x4.8x2.1, 2 lbs sh. Unused, \$4 ea; 2/\$6.50; 24/\$50

Rechargeable Nickel Cadmium Battery for PRC-68/68B/ 126/128 radios. 15 Volts 0.80 AH at 0.16 A. Date Code: 11/89. 1.5 x 4.3 x 4, 3 lbs. #406870-1 Unused, \$32.50



Military Nickel-Cadium Battery Pack, four D-cell batteries in plastic pack produces 4.8 V 3.2 amp-Hr; 3/80 date code. 3.5x5.5x1.5, 3 lbs. #4D2704, 5 for \$10.00

BB-490 Battery/Charger



Lead Acid Battery Pack with Charger, consists of two BB-490 military batteries each rated 24VDC (2x12 VDC) 1.8 Amp-Hrs @ 0.35 amps; AM5-H6 charger fits on top of BB-490 or similar batteries and shows "charging" and "ready" on LED indicators. MPS-CH2 charger power supply output 16VDC 1.5 A from 115V 60 Hz input. BB-490 used in PRC-104, etc. radios; 4.3 x 5 x 2.5. Kit 9 lbs sh. New, \$19.95; 3 for \$50.00

GRC/PRC Battery Test

AN/PSM-13 BATTERY TEST SET; checks GRC and PRC-type battery packs BA-270, -279, -376, -377, -4386/ 398/ PRC-25, -399, and -505. Meter indicates BAD-GOOD (FS=1 MA). With adapters U-240, -241, -314, -315, -347, -410 & canvas case. 7 lbs. USED, excellent, \$24.95



Military Battery Tester



TS-183 Battery Tester. Checks a large number of different military batteries for radios such as PRC-6, PRC-10, PRC-25, BC-620/659, GRC-9, and many many more. For a complete listing of the batteries see our website at www.fairradio.com/ts-183.htm. 10.2x15.3x7.4, 18 lbs sh. Used, \$30 Gov't Reconditioned, \$49.95

Battery Boxes

CY-7541/PRC-104 BATTERY BOX, plastic box clips onto PRC-104 backpack radio set and will hold 16 silver-zinc (or =) batteries that provide 20-32 VDC. Side unscrews to insert batteries; 3.8x12.5x2.6, 4 lbs unused, \$35.00



CY-6327A battery box for PRC-66 backpack transceiver. 2.6x10.5x5, 3 lb unused, \$14.95

CY-6121/PRC-74 BATTERY BOX, aluminum box designed to clip onto RT-794/PRC-74A/B backpack transceiver and will hold ten BB-418 nickel-cadmium cells. Has swivel-legs to steady radio; 8.5x12x3.5, 7 lbs shipping. UNUSED, \$49.50



AA-BATTERY BOX for Trimble Navigation Trimpack GPS receiver. Clips onto & allows operation of GPS from 8 - AA batteries (not included). 1.6x 6.5x1.5; 1 lb. #GPS-13828-00, NEW, \$22.00

Canvas Bags & Covers

BAGS & COVERS may be used or unused. May have minor wear, tears or discolor:

SHOULDER BAGS with adjustable straps; USED:

BG-175, 10x8x10.5, \$6.00
CW-189, 10x9x10, \$5.00

ANTENNA ROLL BAGS for mast sections, used:

BG-56 for MS-49 thru 56, \$14.00
CW-206 for MS-116 etc, \$7.00

GRC/VRC EQUIPMENT COVER

CW-140 for GRC-9, Used, \$10.00
CW-329 for GRC-3-8, Unused, \$14.00
CW-330 for RT-66-67-68 & PP-109-112, Unused, \$15

6' Strap 1.5" wide with spring clip. #S-6, Unused, \$5

PRICE REDUCED

Cargo Sling-Heavy Duty Tow Straps. This item is a 15,000 pound cargo sling and consists of four sections, each is constructed of four 15 foot seatbelt type OD nylon straps which are looped on one end with an 76 inch chain and catch arrangement on the other. The loop ends are all joined together by a large loop of webbing. This loop can be removed to separate the four individual straps for use as tow straps or whatever. #CS15K-SLING, 105 lbs sh. Unused, \$99.50

Single strap from above w/ chain and catch, #CS-STRAP, 25 lbs sh. \$32.95

Radio Cables & Connectors

CX-4720/VRC DC Cable, 10 feet, \$12.00
CX-4722/VRC Control Cable, 5 feet, \$10.00
CX-4723/VRC Control Cable, 1 foot, \$7.50
CX-7867 AUDIO CABLE, 25' U-229 /-228, \$10.00

30" long two conductor 8 gauge cable with a standard GRC 4 pin female connector for T-195, GRC-106, etc. on one end going to two bare wires on the other. The 4 pin connector is a commonly used on many GRC equipment for power in. 2 lbs sh. Used, #GRC-CBL-30, \$14.00



J-654 Adapter, 33" cable with a U-77 audio connector on one end and two U-79 connectors (mates to U-77) mounted on a panel box on the other end. 3 lbs sh. Used, \$11.95

Three pin connector pair. MS3114E8-3S chassis male and MS3116P8-3P cable female connector pair for audio or low current voltage use. Wire can be easily soldered to the gold plated pins. These connectors lock together with a half turn cam action. They will not come apart from vibration. Excellent for use in vehicles and high vibration applications. Removed from unused equipment. #3PIN-PR, \$15.00 per set



GRC/VRC MALE CONNECTORS, specify type and equipment used. USED-cut-offs: Strain type, \$7.50 each; Crimp type, \$3.50

AUDIO CONNECTORS: U-77, \$4.00 U-229, \$5.00

Terminal Panel

Military Terminal Panel with ten heavy duty push terminals with insulation and 5 pin military audio connector U-183/U that mates with the U-229 as used on many military radios. Also has 4 pin male power connector MW20M(M)A00 M55181/2-01. The two connectors have rubber protective covers to resist moisture and dirt. 1.9x6.6x4, 3 lbs sh. #TP-10, Removed from unused equipment. \$14.95



MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

Military Intercom

AN/MIQ-1(V)3 INTERCOM and/or Radio Remote Control Panel. Part of mobile or field communications control system. Appears to be a recent issue. Has 14 lighted push buttons to select designated inputs and outputs. Front panel mounted headset connectors which accept U-77 plugs. Has three multi-pin Bendix type connections mounted on the side. One 10 pin female, one 15 pin female, and one 32 pin male. 10.8x10.9x3.8, 17 lbs Used, \$39.95



Repeater Control

MX-9331/URC provides the data regeneration and radio control capabilities required in a digital secure voice tactical radio repeater station. It requires low power input, making it suitable for portability and battery operation. It operates in push-to-talk VHF and UHF transceiver radio nets and provides an automatic retransmission function without operator intervention. Operating with encrypted digital signals, the unit recognizes a valid received digital input from one of the two radios, accomplishes timing recovery and data regeneration, and keys the transmitter of the repeating transceiver. 9.8x6.2x3.1, 8 lb, used, \$40



Control Boxes

C-375 Control box for radio sets GRC-3-8 or VRC-8-10. Unit is a remote junction point and switching unit for the control and audio lines to two sets. 3.2 x 6.8 x 7, 6lb, unused, \$22



C-18 Control provides for remote control of the orientation of the L-10(A) loop antenna (from the ARC type 12 radio set) through the use of a crank and a dial. The dial is calibrated to indicate rotation of the loop antenna from 0 to 360 degrees. Used with MC-215 spline (not available). 4.6x3.3x3, 2 lbs. Used, \$10.00



C-2298/VRC Intercommunications Control used in RT-524/VRC installations with AM-1780 amp; monitors three radios A-B-C. Volume control and two connections for U-229, 5.8x4.5x3.3, 4 lbs. Used, \$20; Unused \$45.00



C-2299 Control Box for the VRC-12 (RT-246 or RT-524) radio system. Unused with used knobs, \$35.00

C-434 LOCAL CONTROL p/o GRA-6, used, \$24.00
C-435 CONTROL for duplex GRC-3-8; used, \$15.00

C-87/ART-13 Control Box for ART-13 transmitter. Has 11-position CHANNEL selector, OFF-VOICE-CW-MCW select, PTT button and IC jack. 3.5x6.3 x3.3, 3 lbs. UNUSED, \$16.50



SB-327/ARC CHANNEL SELECTOR 24-51.9 MHz FM in 100 KHz steps on 3-digit counter; used with RT-294/ARC-44 Tx-Rx. 3x5.8 x4.5, 3 lbs sh. used, \$15



SA-474/AR SWITCH BOX, \$7.00

BC-366 JACK BOX, switch "Comp-Laison-Command-Inter-Call", Increase Output pot, 2 phone jacks. 3.3x4.8x3, 2 lb, used, \$7.95



RM-52 REMOTE CONTROL for radio and intercom set. Has transformer, mic & phone jacks. Source for "Macy's Phone Patch" project. 7.3x3.5x5, 5 lbs. USED, \$4.



BC-1361 SWITCH BOX, p/o RC-298 interphone kit for SCR-528/628 radios in Sherman tanks. With Call light, Field-phone terminals, On-Off & Signal switches; 6.8x5.4x2, 4 lbs sh. UNUSED, \$8.00



BC-631 JACK BOX remote audio control for SCR-522; 4x2.5 x2.4, 2#. NEW \$5.



Radio Mounts

MT-1029/VRC Vehicular Mount for RT-246 & RT-524/VRC -12 transceivers 5x12.5x16 19 lbs. USED, \$29.50; GOV'T-RECONDITIONED, \$45.00



MT-1898/VRC MOUNT for companion R-442 receiver 5x6x12.3, 15 lbs. USED, \$25. RECOND, \$32.00

MT-6147/ARC-164 MOUNT, retrofit ARC-164 into ARC-34 mount. Rear rack connector & front plug for ARC-164. 5x13.8x11, 11 lbs. USED, \$25.00

MT-298 Shock Mount holding two RT-66-67-68 and the PP-109-112. Unused, \$75.00

MT-300 Mount serves as support for the RT-70/AM-65 radio system and as a junction box for interconnecting the RT-70 and interphone amp with control box C-375 (page 9). Also, inter-connects the vehicular power source and the power supply within the amp. 13x8.3x3.1, 13 lbs. Used, \$85.00



MT-3114 Shock & Vibration Mount for R-1051, RT-618, AM-3007 and similar Navy radios. 19.8"W x 16.5"D top & bottom aluminum platforms w/ four large rubber piston shock absorbers good for 200 lbs; Barrymount*; 16 lbs sh. UNUSED, \$25.00



Carrier Monitor

Unit is used for remote check of xmitter operation. Good parts including 600 VDC 35 ma transformer; tubes 0A2, 6AL5, 6J6, 6X4; 600:600 ohm AF xformer, DPDT & SPST toggle switches two 49 pf trimmer caps, etc. LESS 3 pf 15 KV vacuum caps 6x8.5x6.3, 12 lbs. #CAR-MON-87, unused, \$5.95 #CAR-MON/VC, above with vacuum capacitors, \$15



BC-620 / 659 Accessories

M-399 ALIGNMENT ADAPTER for BC-659 transceiver; allows changing of crystals and alignment of the set without the use of an external meter. Mounts inside the BC-659. 2 lbs sh. \$5



M-394 Adapter f/ BC-620, \$5.00

ALIGNMENT TOOLS for BC-620/659:
TL-150 or TL-207, \$5.00



MC124 20" TUNE SPLINE, \$10.00
MC-136, RIGHT ANGLE, \$4.50
MC-203 T adapter for MC-124, \$7.50

MC-127 Spin Tuning Knob f/ spline ARN-6&BC-229,\$7.50

GRA-39 Control Group

AN/GRA-39 Radio Set Control Group enables an operator to transmit and receive voice communication through a radio set from a distance up to 2 miles by wire from the radio set. The GRA-39 was specifically designed for the following radio sets: VRC-12, 43, 49, 53, 64; GRC-125, 160; PRC-25, 74B, 77. This system will also work with any system that accepts the U-229 audio connector. The GRA-39 set used the H-250 or H-189 handset (sold separately). Each of the controls listed below require six D cells.

C-2328/GRA-39 Remote Control connects by wire to the C-2329. The C-2328 contains a microphone pre-amp 55 db gain, output 5 mw; driver amplifier output to handset 5 mw, and a power amplifier output to loudspeaker 300 mw. This control has a built in speaker. 8.8x8.9x4, 13 lbs sh. Used, \$40.



C-2329/GRA-39 Local Control has a mic amplifier gain of 55 db and a microphone preamplifier output of 5 mw. 8.8x8.9x4, 12 lbs sh. Used, \$34.95
C-2328 and C-2329, \$69.95



H-250 Handset used checked, \$18.00
GRA-39 Manual Repro, \$15.00

Sound Power Phones



TA-1/PT TELEPHONE, sound-powered unit requires 2-conductor field phone wire connected to another TA-1 for communication without batteries. Palm-operated generator provides approx 100 V to "buzz"- signal another phone; also visual indicator. Has coil cord with push terminals for wire hook-up and plastic carrying case. 8.5x3.5x3.5, 4 lbs shipping. USED-CHECKED, \$35 ea. 2 for \$60.00

TA-312 Field Phone

TA-312 FIELD TELEPHONE rugged light-weight unit replaces famous EE-8 field phone and is usable with them. Includes G-42 crank generator, BZ3 clacker call signaler, H-60 handset, and canvas carrying bag w/ strap. Requires 2 D-cell batteries (not supplied.) 12x7x4, 12 lbs. USED-CHECKED, \$75. MANUAL for TA-312, partial reproduction, 8.50



TA-838 Field Phone

TA-838/PT MILITARY FIELD TELEPHONE has push-button numeric tone pad and is designed for 2- or 4-wire communications; replaces old EE-8 and TA-43/312 field phones. Ringing signal audible only in 4-wire hook-up. TA-838 also operates over standard telephone lines but won't ring. Rugged thermoplastic construction; requires four C-cell batteries. 6x9.8x5, 8 lbs. USED-CHECKED, \$69.50; Ops MANUAL \$10.00



TA-341 Phone

TA-341/TT TELEPHONE SET push-button 4-wire unit for use with tactical switches using four C-cell batteries; usable in conventional point-to-point telephone line (plug may need changed) Range >3.2 km. Signal out 900-3400 Hz digital tone; 90 V 20 Hz signal in. W/case; 4.5x10.5x10.5, 10 lbs. shipping Used, \$19.95



TA-954 Phone

TA-954/TT NON-SECURE DIGITAL VOICE TERMINAL used in Tri-Tac comm-system; 4-wire set xmits and receives diphase-modulated digital voice & loop signaling info at 16K or 32K bits. 125 ohm line impedance 125 ohms; range 4 km using WF-16 field wire (no stock). Requires 24-56 VDC. Tone pad characters 0-9, FO-F-I-P-R-O-C; also Volume L-H Ring - Receive & H-250 handset. Plastic case EMI/ EMC static protected. 7.3x4.5x10, 8lb used-reparable \$35.00; Unused, \$59.50



Manual Switchboard

SB-993/GT Manual switchboard, designed for quick "connect / disconnect" of up to six battery or sound-powered field phones (such as EE-8, TA-1, TA-43/312) plus and operator unit. Consists of seven U-184/G terminal plug-jacks that plug into "stack" onto rear of another U-184. Active lines make neon lamp in U-184 "glow". Also includes MT-2156/GT metal case; 1.3 x 12 x 3, 6 lbs sh. Unused, \$24.95



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Mast Sections



3-FOOT MAST SECTIONS (left), WW-2 & Korean War

vintage: painted copper-coated steel. Sequentially screw into the other; 3/16" dia MS-49 top section the smallest. Self-supports to 15 ft; MS-53 can fit into another MS-53; 1 lb sh. May have surface rust; We no longer have the MS-51 which is necessary. MS-49-50-52-53, used \$3 ea; BG-56 canvas bag, \$14

MS-116-117-118 MAST SECTIONS, each 39.3"L. MS-116 is stackable bottom section, MS-117 middle and MS-118 tapered top; fit AB-15, AB-652, MP-65 & UG-558 bases. 1 lb ea. Used, \$3.50 ea; Unused \$5.50 ea

AB-21-22-24-MAST SECTIONS, similar to MS-116-117-118 except 27" length each. AB-21 is bottom & stackable section; 1 lb each. used, \$3.25 ea

Mast Kits

AB-155 MAST KIT, includes eight self-stacking 66" long x 1.6" diameter aluminum MS-44 mast sections to make 40 foot mast. Also 4 each guy ropes MX-381 (40'), MX-382 (31'), MX-383 (50'), one MX-516 rope, 5 each MX-378 guy rings, AB-154 swivel base, six GP-101 15" stakes, and HM-1 hammer; 70 lbs sh. Used, \$225.00

AB-1244/GRC MAST KIT, twelve aluminum alloy on steel sections form sturdy, yet lightweight 30 foot 1.7" dia mast. Kit includes five each lower and upper sections, one ea lower and upper adapter sections, gin pole swivel base, four ea 36 and 42 ft guy ropes, four guy stakes, two guy rings plus a 2.5 pound sledge hammer. Part of OE-254/GRC antenna set; 30 lbs sh. NEW, \$139.50



HEAVY DUTY NYLON BAG, ideal for the AB-

1244 mast kit along with MANY other applications! High quality Cordura Nylon is coated for water repellency, rot and is mildew resistant. Bag has 1 1/2" web handles that wraps around bag for added strength. Two zipper slides for easy opening. Overall size: 44" long x 9" deep x 7" tall. 3 lbs sh. Colors available: Black, Navy Blue, Red, OD Green, Woodland Camouflage. PLEASE SPECIFY COLOR. #BG-1244, New, \$39.50 each; 3 / \$99.50

GRA-50 ANTENNA MAST KIT f/ GRC-106A radio; includes 3 each MS-116 and 1 ea MS-117 & MS-118 sections, AB-652 base, polyethylene cover sheath & CW-206 roll bag; 18 lbs sh. USED, \$35.00

Guy Ropes / Counterpoise



CP-12-13 COUNTERPOISE heavy rubber-covered wire spreads to form 15 ft dia radial network for ground plane antenna; used with MS-116-117-118 mast sections; 4 lb Used, \$12.00

GY-12/42 GUY ROPE SET, 3x20' lengths, Used, \$7.00

M378 ROPE, 80', \$6.00; M379, 10', \$1.50

MX-381/GRA-4 GUY ROPE, 40 ft long; 3/16" nylon 800 lbs-test; w/ hooks & insulators, used, \$4.00
MX-382 31 ft, \$3.00; MX-383, 50 ft, \$5.00

Mount Brackets



BRACKET for mounting 2" dia antenna bases like AB-15 to vehicles or other flat surfaces. Rear mounting surface is 5.5"W x19.5"H; Base hole center extends 5" from rear. Has two 1.1" diameter holes on rear mounting surface. 13 lbs. #AB-449, Unused, \$15

BRACKET for mounting 2" dia antenna bases like AB-15 to vehicles or other flat surfaces. Mount plate 6.3"W x4"H; base hole center extends 3.9" from plate. 4 lbs. #SM-B114371, UNUSED, \$10.00



AB-450 mount bracket accepts 2" diameter antenna bases such as the AB-15 or MP-65. Mounts to flat surfaces. 4.3x6.5x3.1, 4 lb sh. \$5.00



MP-49 Bracket for holding AB-15 mast base. Bracket is very similar to the right angle bracket MP-50 but is a little bit less than a 90 degree angle. 8x5.3x5, 6 lbs sh. \$12.00



Angle Bracket for attaching MP-50 or similar mount bracket to corner of vehicle. Bolts for MP-50 and drilled for side mount; 5 lbs sh. #SCC-28591, Unused, \$9.95

Mast Bases

AB-154/RC-292 Swivel Base with Base Plate. Used with AB-85 and MS-44. This assembly consists of a yoke and clevis pin. The lower mast section is placed over this tubular section. The yoke and clevis pin allows the mast assembly to be lowered to the ground by pivoting about the stake. The base plate has three cleats for fastening the guy ropes. 5.5 x 6 x 17, 3 lbs sh. #AB-154-PL, Used, \$12.95



AB-15 MAST BASE for MS-116-117-118 or AB-21-22-23-24 masts; rubber flex spring with 3.3"Lx3" dia ceramic insulator & bottom terminal. Mounts in 2" dia hole. O/a 15"L, 3 lbs sh. Used with small chips in the ceramic insulator, \$8.00



UG-558 BASE for MS-116-117-118; mounts to SC-D-189023. 16"Hx6"dia; SO-239 conn. USED, \$10.



MP-68 MAST BASE, makes ground plane antenna when used with combinations of AB-21-24 or MS-116-118 whip masts installed as three radiating elements plus one vertical. Has center 3" dia ceramic feed-thru insulator with UHF connection and sockets for elements. Clamp on bottom allows installation on top of 1.6" dia masts like AB-35 (RC-292) or MS-44 (AB-155). 13"Hx5"Wx5"D, 5 lbs Used, \$29.95

IN-127 ANTENNA BASE holds three MS-116 and one each MS-117-118 for RT-77/GRC-9; 14.5"L black plastic. 2#. USED \$12.00



IN-106 BASE for MS-56 mast; clamps to SCR-284 WW-2 radio. Top & bottom terminals; Ceramic is chipped, 14"Lx3" dia, 3#. \$20.00

AS-1729 Parts

MX-6707 Base. Used, \$65.00

AT-1095 Upper Mast 64" long, 4 lbs sh. Used, \$15.00

AS-1730 Lower Mast. Used, \$18.00

TIE-DOWN KIT for AS-1729 including tie-down rope and plastic cap for AT-1095, NEW, \$8.00

MANUAL for AS-1729, partial repro, \$8.50

MAST SPRING only for MX-6707; 4 lbs. USED, \$10.

MOUNTINGS for MX-6707 p/o AS-1729, USED:
SCD-189023 f/ base. used, \$10.00; unused, \$20.
#SCD-446058 corner. used, \$10.00; unused, \$20.00
EXTENDER for SCD-446058. used, \$6; unused, \$10.

PRC-Type Antennas

AT-272A RIBBON ANTENNA & AT-272 FLEX-BASE SET for PRC-8-9-10; 2 lbs sh. UNUSED, \$15.00

SHORT FLEX BASE only for AT-272A, used, \$3.00
RIBBON only for AT-272A, used, \$8.00

AB-129 RUBBER BASE f/AT-271 (PRC-8-9-10) \$4.

AT-20 ANTENNA FOR PRC-68B, USED, \$20.00

37.5" Ribbon Antenna for PRC-126 and PRC-128 but not PRC-68. 2 lbs. #37695721153-3, Unused, \$12.00

RIBBON ANTENNA for PRC-6 radio, USED, \$8.00

M-422 ADAPTER for using MS-116/AB-23 masts with PRC & BC-1000 as long antenna, \$4.00

AT-5001/PRC WHIP f/ Canadian CPRC-26, used \$8.

Long Wire Antenna



AS-1321/PRC-47 LONG WIRE ANTENNA 45 ft vinyl-covered with insulators at 15" and 25"; clips at insulators adjust length. Designed for use with 150 W HF transceiver; 4 lbs. Used, \$16.00

AN-22A LONG-WIRE, 20 ft W-29 wire with snap hooks; p/o SCR-177/188 (BC-191). 2 lbs. \$4.95

RC-432/G Long-Wire Antenna Set, 160' of 0.09" diameter braided wire on reel; terminations on each end permits other RC-432's to connect and increase length. Used with 400W HF Tx; 12.5x4.3x2, 5 lbs. Used, \$17.00



RC-432/G Reel Only. #RC432-RO, Unused, \$8.95

Loop Antenna



AT-784/PRC DIRECTION FINDER LOOP ANTENNA for use with PRC-25 -77; covers 30-76 MHz in five bands. Controls FINE TUNE 0-10 MHz in 1 MHz steps and ATTENUATOR 0-40 DB in 10 db steps. Includes AT-1082 loop with whip, CG-2840 & -3344 cables in CW-445 canvas bag. Collapsed size 8x6x3.5, 5 lbs. USED, \$34.00

AS-2360 Loop Antenna. 53 Mhz to 10 Mhz, useable to 20.5 Mhz. Impedance 50 ohms, Null depth 25 db, bearing error less than 2 degrees. Originally part of TRQ-23 radio receiving set. The base of the loop contains a loop cathode follower with varactor diode for tuning, two rf amplifiers, and an output cathode follower using 4/6612 tubes which require 36 v B+, 1.1v filament. Tuning voltage 0-102 vdc, gain voltage 0-37 vdc, sense relay 24 vdc. Comes with canvas bag. 6.4x26.2x61.8, 30 lbs sh. Used, \$225.00



TRQ-23 Op's Manual & Schematics repro, \$20.00

CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

AS-2236 Log Periodic



AS-2236/GRC ANTENNA SET, light-weight with minimal guying makes this 30 to 76 MHz low-power log-periodic antenna excellent for field day! Rated 65 Watt with VSWR 3:1, 50 ohm impedance. Array mounts on 35 foot mast and unfolds to 10 ft square.

Includes antenna, seven 44.5"Lx2.75" dia aluminum mast sections, 44.5"L x 2.75" dia fiberglass section, pivot for horizontal or vertical polarization, folding tripod (10.5 ft square) with foot pads, six stakes, three screw anchors, guys, ropes, and set-up info. Array may have repairable wire "breaks"; 100 lbs shipping. (UPS in 2 pkgs.) USED, \$125.00 ABOVE with "NEW" array: AS2236-DM, \$155.00 Array only. Unused, \$45.00

AS-2851 Log Periodic

AS-2851/TR PORTABLE LOG PERIODIC ANTENNA/20 FT MAST KIT. Mast kit has 4 metal and 2 fiberglass sections to make 20 FT mast. With guy rope and swivel base. Log periodic antenna has 71 inch boom, shortest element is 34 inches, longest is 98 inches. Probably 26 to 177 Mhz - no specific data. 38 lbs sh. Used \$145.00



HF Antenna System



AS2482/TSC-60 HF RECEIVE ONLY ORTHONONAL ANTENNA SYSTEM consists of two crossed sloping dipoles 90 degrees apart with a pair of baluns at the top of the mast. Four 62 inch long mast sections 2.75" dia for 18 ft mast. Includes mast, junction box, 2/24 ft RG-213 cable, 4 stainless stakes and 4 chromed stakes. Accessories in case 31x22x8 shipping two packages 70/50 lbs unused \$325.00

UHF Dipole Antenna

AT-413/TRC DIPOLE ANTENNA for 225-400 MHz, originally part of large array. T-top elements extendable 3" each end to adjust reception; 20" max T-width. Mount flange moves to adjust height. Type C connection on bottom. O/a 15.5"H, 12 lb UNUSED, \$16.00



Phantom Antenna



A-62 PHANTOM ANTENNA, electrical network used in place of antenna to tune BC-604 20-28 MHz xmitter. Adjust INCREASE and MAX-MIN; ANT & GND terminals. 7"Hx4" diameter. 4 lbs shipping. USED, \$19.95

Blade Antenna

UHF/XPONDER AIRCRAFT BLADE ANTENNA for 800 to 900 MHz range. Type N connection; 5.8x6x2.2, 2 lbs #C1320-25-2, UNUSED, \$22.00; 2 for \$30

PRICE REDUCED

PRICE REDUCED

AS-2485/ARC-114 BLADE ANTENNA used with 30-76 MHz ARC-114 radio set; BNC connection. 24"H x 42"L, 15 lbs sh.

#5985-168-8383, Unused, \$50.00; 2 for \$75.00

Yagi Antenna



7 Element Yagi Antenna by Antenna Specialists Model #ASPJ2996 covers 928 to 960 MHz. Antenna

can be mounted for vertical or horizontal polarization. Has SO-239 connection. Designed to be mounted to a mast. Comes with mounting hardware. Overall length of around 21". 3 lbs sh. Unused, \$19.95

Rams-Horn Antenna

AS-580A/ARN-30 Rams-Horn Antenna with two dipoles. The forward dipole is used as a glide-slope antenna while the rear dipole is used as a VOR and localizer antenna. Each antenna is terminated with a BNC connection located on the base. Antenna originally used with the ARN-30D aircraft radio that covers 108 to 126.9MHz. Overall 23.8"Dx17.3"Wx11"H, 6 lbs sh. Used, \$35.00



LF-DF Antenna

AT-780/ARN-59 DIRECTION FINDER ANTENNA, 190 - 1750 KHz. Has ferrite loop, 26 V 400 Hz motor & Tx selsyn for drive direction. Operates in circuit on 26 V 100 Hz. W/ 14 error compensator screws, 0-360 scale visible under glass dome & schematic. 3.8x6.5x6.5, 8 lbs. Used \$32. #NG-AT780, above no glass, \$22.00

AS-313/ARN-6 DF ANTENNA, similar in function to above, but earlier design; 10x11x5, 18 lbs sh. USED, \$30.00

Hy-Gain Antenna



HY-GAIN MOBILE-COM ANTENNAS, new: 760-SERIES, include 52" whip, 2.5"H spring base, 18" RG-58 coax cable, PL-259 connector & UG-175 reducer; 5 lbs sh. unused, \$9.95 ea: #761 (30-33MHz) #767 (33-36 MHz)

KATHREIN K50-54-4 WHIP, 64-470 MHz; cut 4 foot length; 1-hole mount, 15' RG-58 coax. 4 lbs. \$15. + + + + + TELESCOPING CHROME ANTENNAS, \$2.50 each: #TCA95-380, 9.5"L to 38"L; 6-32 thread mtg screw #TCA84-144, 8.4"L to 14.4"L; 5/32" dia base hole #TCA60-125, 6"L to 12.5"L, 10-24 thrd mtg screw

Guy Tie-Downs

GUY TIE-DOWNS for securing antenna masts, tents or other items. Each has 4" based triangular steel head with 1.5"L x 3/8" dia driving shaft on base. Head has 28"L steel wire with reinforced loop for attaching guy. Tie-down driven into ground by hammering a pipe (not supplied) slipped over the driving shaft; 3 lbs #4-TD-98, NEW, \$4.00 ea; 4 for \$12.00

Grounding Rod

Steel Grounding Rod w/ grounding strap. Rod is 46.4" long x 1/2" diameter. Grounding strap is 28.5" long with ring terminal on the end. 5 lbs. #ROD-46, \$8.95

HYE-QUE

BUDWIG HYE-QUE antenna insulators & strain connector for long-wire set-ups; full legal power capacity + weather-tight polymer construction. #HQ-CONN strain assembly with PL-259 connection for lead-in wire drop. NEW, \$6.95 #HQ-INS-PR, insulator pair, NEW, \$1.75/ pair

Cellular Antenna



Cellular Mobile Antenna by Antenna Specialists with trunk lid mount. 824 to 896 MHz with 3DB gain. Antenna capable of adjusting 25 degrees any direction. Antenna has a female TNC connection. Kit comes with 15 feet of RG-58 cable with a male TNC connection on one end, cord clip, mylar tape, bracket channel, a separate TNC male connector, and allen wrench. Antenna with mount stand around 30". 3 lbs sh. #ASP-917, Unused, \$18.95

7 ft Weather Balloon

ML-541A Weather Balloon 7 feet diameter streamline sounding type designed for rapid 1700 ft per minute ascent to carry meteorological equipment to upper atmosphere. 2500 gram free lift; bursting altitude 75000 ft. (Specs based upon hydrogen fill. Use of helium or air alters performance.) Two 4.5"L x 1" diameter necks; neoprene, 2/86 date code. 5 lbs sh. Unused, \$17.95 each; 2 for \$32.00



Hydrogen Generator



M315B HYDROGEN GENERATOR, used to provide hydrogen for 4' balloon p/o CRT-3 Gibson Girl rescue radio. Has 1200 grs of calcium hydride crystals in long can which, when immersed in water, produces hydrogen gas.

(EXTREME CAUTION must be exercised in the performance of this process because hydrogen gas is dangerously flammable and the liquid calcium by-product is very caustic!) Cans are dented; suitable only for recovery of calcium hydride. 11.6"L x 4.3" dia, 4 lbs. UNUSED-dented, \$8.95 ea; 2/\$15.

Box Kite

Kite is also used for lifting wire antenna; has 15"Wx12"H distress orange plastic poly-vinyl panels on metal frame. Stands overall 36"H x 15" square; sturdy frame can be re-covered with silk or similar light fabric. Some plastic sticks together - includes panel repair kit; 3 lbs sh. #SEB-42ABK, Unused, \$24.00



Antenna Tether Wire



306 FOOT SPOOL of vinyl-covered braided #22-size intended for use with above; usable on the ground as long-wire antenna also. On spool; 3 lbs sh. #SEB-400X3, unused, \$12.95

Impedance Match

CU-459/AR IMPEDANCE MATCH NETWORK, black plastic bullet-shaped designed to mount to aircraft wing. Holds two AT-624 antenna elements (not available); 50 ohm BNC-conn. P/o AN/ARA-31 24-49 FM MHz homing set; 4.3x3.3. 2# . UNUSED, \$7.00



KY-149/AR KEYSER, couples homing antenna to radio; requires 28 VDC. Has a 28VDC globe 60 RPM gear motor. 2.3x7.7x4.9; 3 lbs Unused, \$14.95

GET A BETTER PICTURE OF OUR ITEMS AT FAIRRADIO.COM

Headsets



MATROX/TANDBERG headset intended for language lab use; 200 ohms total. Has padded headband and very comfortable 4" dia covered foam cushions. 7 ft cord with 1/8" dia dual circuit plug; 2 lbs sh. #HS-38086, NEW, \$9.95

HS-32 STRAP HEADSET, one 250 ohm R-18 element, w/ PL-55; for TG-5 keyer. USED, \$8.00

H-16 HEADSET, designed for use in high-noise areas such as tanks, replacing HS-30. 250 ohm elements with matching transformers produce 8000 ohm (series) impedance. Similar to H-65 expect 18" cord PJO-54 plug. unused, \$10.00



H-227 HEADSET w/ two 300 ohm elements in 4" x 3.5" vinyl cushions, 42" coil cord, and U-77 plug. Used with GRC-3-8, GRC-106 radios. OD-green & black; 2 lbs. Used, \$17.95

HS-16A WWII Style Military Headset, olive-drab, cloth covered, with adjustable double steel band. Headphone impedance is 520 ohms nominal. Consists of dual magnetic element with plastic cap and shell earpieces. 54" brown cloth-covered cord w/dual nickel plated pins. Unused, \$19.95



TELEX PH-11 600 OHM single headphone w/ 3.5" x 4" vinyl-covered foam cushions & padded headband. 60"L 2-conductor cord has 3-pin Lemo FGG.1B connector; 2 lbs sh. Used-excellent, \$16.95

H-63 HEADSET & BOOM MIC, 600 ohm receive & 100 ohm M51 mic elements; with JJ-055 and 3-pin jacks. 3 lbs. UNUSED, \$14.95



H-113 600 OHM HEADSET, similar to CW-49507 except O.D. green color with cushions and PL-54 plug on 18" cord; 3 lbs. sh. unused, \$7.95; 2 for \$12.

D410SL 600 OHM HEADPHONES, low-cost comfortable language lab-type headset which unfortunately has plastic headband that breaks easily. We will ship 2 for price of 1. NO RETURNS / NO REFUNDS! 2/\$7



CTE49214 headphones f/ WW-2 MAB radio; no scull cap, \$7.50

VRC-12 HEADSETS



H-251 HEADSET w/ vinyl cushions, 24" coil cord and U-182 plug; black color. USED, \$12.00 UNUSED, \$18.00

H-161E HEADSET with 300 ohm boom mic, push-to-talk switch, & CX-8652 Y-coil cord; vinyl cushions. BLACK UNUSED, \$59.50



HS-30 HEADSET 250 ohm impedance light-weight WW-2 era set has cord wired to CD-604 500:4000 ohm matching transformer and PL-54 plug; 3 lbs sh. Used, \$9.95

H-264/PRR-9 EAR-PLUG HEADSET, coil cord & 2 mm dia jack; 300 to 2500 Hz response. NEW \$4.00



H-195 HEADSET & BOOM MIC, rubber-covered single 300 ohm phone element, 40 ohm mic & push-to-talk switch. Similar to H-144 except has 10 foot cord with PJO-55 & -68 plugs; 4 lbs sh. UNUSED, \$25.00



WIRELESS HANDS-FREE HEADSET for two-way FM radio communications in high noise environments. Uses throat mic and ear cushions with EPA noise-reduction rating of 23 DB. Operates on 49.86 Mhz; controls for Volume & Squelch, Velcro adjustable head web and mic straps, 6" antenna and fiber-glass case. Requires two 9 V batteries; 6 lbs #7800H, NEW, \$74.50



PLANTRONICS HEADSET

Starset Supra Amplified Operators Headset with voice tube by AT&T. Cushioned earpiece with adjustable headband. Comes with clothing clip and plug amp. Brown color. Unused in the original packaging. 2 lbs sh. #KS22990-L1, \$29.50



STARSET OPERATOR'S HEADSET, ultra-light set fits over the ear with flexible voice tube. Has push-to-talk switch on 4 ft coil cord w/ dual 1/4" dia plug. Includes spare ear tips, glasses clip & pouch; black color. #HS0110-2E, New, \$34.50



Microphones



600 ohm Uni-Directional Dynamic Microphone. Frequency response: 50-15,000Hz. Effective output Level: -54dB. 8.5' cord with a gold plated two way plug for 3.5mm or 1/4" phone plug. With on/off slide switch. Mfg by Merry #DM-35. Unused, \$6.50 ea: 2/\$10

GENERAL ELECTRIC MIC from highway patrol vehicles; PTT switch has "C" & "S" positions. Also has amplifier circuit & coil cord w/ DB-9 connector: 3 lbs sh. USED. #GE-CS-MIC, \$8



GM DELCO MIC for mobile communications; black w/ PTT switch, coil cord & 5-pin male connector. #GM-DEL-MIC, new \$7.00



T-45 MIC Carbon type 100 ohm 50 db below 1 mv, flat response with PL-291 two contact male plug, 11" cord. UNUSED, \$3.00



CW-51071 LIP MIC for CW49507 or H-62 headset; 100 ohm, \$4.00

M-29B MIC with U-77 plug; for T-195 T-368, etc. USED \$12.00
M-52 MIC with 5 foot cord & PL-68 plug. UNUSED, \$8.00
M-80C MIC, unused, \$14

Low-impedance omnidirectional for public address use; 150 to 4000 Hz response. Swivel mount; 5/8" dia 27 threads/ inch. Cannon XL-3-11SC connector; 2 lbs sh. USED: #M-43-EV, Electro-Voice, \$8.95

#M-43-UL, University Loud-speaker mfg. \$12.00



CX-3094 MIC CORD with mating connector for above; 3106-14S-7P 3-pin male on other end. 25 ft Used, \$7.50

MT-596 TRIPOD MIC STAND for above. Used, \$10 ea; 2 for \$16

WW-2 CHEST SETS UNUSED.
 H-12, \$7; T-26A, \$7; T-46/TD3, \$7

RS-83 Mask type Aircraft Microphone by Telephonics. Mic is Hi-Z (100K ohm) and has a 16.5" cord with a 33" extension cable that has a push to talk switch. Unused, \$12.95



Handsets



H-250 HANDSET w/ push-to-talk button, coil cord & U-229 plug. USED CHECKED \$18.00

H-33/PT HANDSET for GRC-3-8, PRC-10; w/U77 plug. Used, Checked, \$17.50

TS-9* HANDSET, p/o EE-8 field phone; 2 lbs. USED, \$14.95

H-90 HANDSET, like TS-9 but w/ U-77 plug; \$12.00

H-23 (or =) Handset for BC-1000, \$35.

Beige Standard Handset newer style mfg by ITT, Unused, \$3.25

JEN-20 HANDSET w/ AMPLIFIED receiver for hearing impaired; black or beige. NEW, \$15.

Western Electric #D14842 (or =) Painted with 1903 patent date; black painted brass handset with PTT-switch appears to be same as TS-7 handset used with pre-World War-2 EE-5 field phone. 3-wire cloth cord. 4 lb used, \$45



Accessories

For Headset Cords/Cushions see pg 13

GSA-6 CHEST GROUP SA-142 PPT-switch & CX-1077 cable w/ U-77 plug connect H-63 headset to GRC radios. USED, \$6.00



#14-PJ ADAPTER, 1/4" phone plug going to 2 pin jacks. Used, \$2.50



MC-385D Headset Adapter, High to low impedance with PL-55 plug to a JK-34 jack. Used with HS-33 or HS-38 headsets. Works between jack box and CD-307 cord. 1 lb. Unused, \$3.95



PHONE PLUGS, used cutoffs: PL-354 red, \$4.00 PL-55 on 30" cord, \$1.00 **DOUBLE PLUGS**, unused: #D178542 (WE289) for headsets, etc. \$3.00 #2PPC f/ switchboards, \$3.00

JK-33 PHONE JACK to fit PL-68 plug. USED, 2 for \$1.00 **JK-34 PHONE JACK** to fit PL-55 plug USED, 2 for \$1.00

MIC ELEMENTS, checked: F-1 for TS-9, \$4.00 M-51 for H-63, M-29, \$4.00 H-33 or H-189, \$5.00 TA-117 for H60 (TA312), \$5.00 WE #D173011 sound-power mic for TS-10; brass. \$10.00

RECEIVE ELEMENTS, checked: H-33 or H-189 receive, \$5 ea TS-9 receive element, CALL TA-235 for H-60 (TA312), \$5.00

EMAIL US YOUR INQUIRIES AT FAIRRADIO@FAIRRADIO.COM

Headset Cords & Cushions



CD-604 CORD with impedance matching transformer 500 ohm to 4000 ohm; 6" cord & PL-54 plug. P/o HS-30 headset. USED, \$1.50

CD-318 CORD w/ PUSH-TO-TALK SWITCH w/ lock; has 7" cable w/ PL-68 plug and JK-26 jack. Use with T-30 throat or T-45 lip mics; less strap. 2 lbs sh. Used, \$14.00



MICROPHONE EXTENSION CORD with PL-68 plug. CW-49561, Unused, \$15.00

CX-2481 CORD with PL-55 one end, PL-68 on other; 12 feet long 2 lbs sh. UNUSED, \$9.95

MIC COIL CORD, 1-shielded, 2-wire not; stretches 30"-42". #SH-CC3042, NEW, \$2.50

"EXTRA-STRETCH" PHONE COIL CORD #T425-MOD, 4 ft to 25 ft extension w/ modular jacks; tan. NEW, \$3.00

SWITCHBOARD CORDS

#PL68-68, black cloth covered cord with early style phenolic PL-68 plugs on each end; 68"L. \$7.50
 #G2-SWB-72, grey cloth-covered cord with double 310 plug on each end: 72"L, 2 lbs. \$6.50
 #R2-SWB-72, as above except red, \$6.50
 #500286-102, red with black cloth covered cord with double 310 plugs on each end; 25"L. \$10.
 #500286-104, same as above except 50"L. \$12.00
 #WE-338A, dirty light brown dual cloth covered cord w/ double 310 plugs on each end; 17"L. \$8.
 #310-56, grey cloth covered cord with 310 plug on each end; 56"L. \$8.00

"Y" CORD

#CD-620F, molded 16"L legs & 6" cord with 2 lugs each end; for HS-30 headset. \$2.00

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Headset Cushions

M-301 4" Chamois cushions for HS-23 or HS-33, \$6 pr
 M-300 Inserts f/ HS-30, Unused, \$2.95 pr

Power Amp for 618S-1



POWER AMPLIFIER from 618S-1 2-25 MHz 100 watt transmitter. Has 12.3 uH roller inductor; coil 3 3/4x1 3/4: dia with 27 turns #14 silver-tinned wire rotated by 115 VAC 400 Hz motor. Also ten

Centralab 850 HV capacitors 10 pf, 50 pf, 7/100 pf & 1000 pf. silver contacts on ceramic switch and 3/6159 tubes. 11x5x6, 10lbs
 #3496/618S-1, less tubes, \$33. With tubes \$42.50
 MATING CONNECTORS, 2 required, \$3 ea
 SCHEMATIC for #3496/618S, \$3.00

RF Amp. / Preselector

Harris RF301/GRC-165 2-15 Mhz RF Amplifier/Preselector section contains V1 6DC6, V2 12BY7 which provide tuned grid/tuned plate amplification for the RF receive amplifier and the transmit driver. Band switch does not have detents, 14 1 mhz bands. 1/IERC 6025 and 1/IERC 5020. Power required 200 VDC, -36 Vdc and 6.3 vac. An excellent basis for QRP set or experimentation. 6.3x6.5x6.7, 5 lbs sh. With schematic and info. #RFA-165, \$19.95; 2 for \$35

PRICE REDUCED



5 MHz Standard



FREQUENCY STANDARD MODULE from R-1051* and RT-618* radios; usable as replacement or adapt to other need where standard is required. Crystal oven with 5 Mhz crystal provides 5 Mhz sine wave output (approx 1.8V) plus possible non-sine outputs dual 500 KHz, 1 & 10 MHz. Designed stability: 1 part in 10 / day. Requires 18-24 VDC input. 4.4x3x4.5, 2 lbs. #6625-078-4718, used crystal only is checked, other outputs may need repair, \$20.00 w/ schematic

455 KHz BFO

PERMEABILITY-TUNED 455 KHz BFO COIL from R-392 receiver. Originally used with 5-55 pf variable capacitor but fixed cap may be substituted. Oscillation without parallel capacitor: 452-480 KHz. Good basis for BFO for any receiver with 450-465 KHz IF; w/ schematic. 3.3"Lx 1.5" dia, 1 lb. #BFO-T602/R392, USED, \$14.95



Crystal Oscillator



TRANSISTORIZED CRYSTAL OSCILLATOR and BUFFER, 56 to 99 Mhz with 75 °C temperature controlled oven. Requires 5th overtone HC-6 (20 pf) crystal (not supplied). Has external oscillator input plus tuning meter & oven output. Requires 12-18 VDC regulated for oscillator; 22-39 VDC 1 amp for heater. W/BNC and SMA RF connections; DEC-9P plug for power. Part of GRT-21/22 xmitters. 6.5x2x3.3, 3 lb #OSC-8004290G1, used with schematic \$9.95

Collins HF Oscillator

ARC-38 SERIES STABILIZED MASTER OSCILLATOR ASSEMBLY, an aircraft HF transmitter. Utilizes series-fed electron-coupled oscillator, a more stable variation of Hartley-type. Step-adjusted inductor covers 14000 positions to tune osc- frequency 1.75 - 3.5 MHz in 125 Hz steps. Has Collins SMO #70E-22, discriminator #147A-1, 27.5 VDC gear drive and tubes 3/6AK5, 6BA6, 2/6BE6. 6x6.5x10, 15 lbs sh. USED, w/ schematic, \$35.00



ART-13 Parts



ART-13 CRYSTAL CALIBRATOR, provides 50 KHz fundamental using 200 KHz crystal. Also 1000 Hz tone for KCW. Tubes 2/12SL7, 12SA7; 6x5x3, 4 lbs #XCAL-ART-13, used, \$20.00

Speech Amplifier for ART-13. Used, \$25.00

ART-13 PA Plate meter. used, \$20.00

ART-13 Antenna Current meter, no xformer, used, \$20

Knobs for ART-13

Antenna loading 0 - 100, 200 - 100 \$10.00

Antenna tuning coarse Triangles marked 1-13 ccw. \$7.50

Antenna tuning fine 100-0 \$10.00

High Frequency tuning Triangles 2 - 18 mhz, \$7.50

High Frequency tuning fine 0-99 over 360 degrees \$10

Small indexing dial from High Frequency tuning and also used on some of the plug-ins. unused, \$4.00

T-bar locking bar for ART-13 tuning knobs \$4.00

Discriminator

PHASE & LOAD DISCRIMINATOR determines if load is <, >, or = to 52 ohms; also if R, C, or L. 3rd output relative to antenna current; with schematic. 2x3 x3, 2 lbs. #T201/180L, \$9.00



RF Exciter



RF EXCITER MODULE from 1980's HF transceiver; mixes 500 KHz USB signal with synthesized frequency to produce and amplify modulated RF. Synthesizer (not available) supplied 74.5/75.5 (LSB/USB) and 77-105 Mhz depending on desired output frequency; RF output is low level. Requires +5, +12, -12, +28 VDC; with pinout. 1x7.8 x3.3, 2 lbs. #RF-EXC-1512, unused, no info, \$25.00

RF-550 Modules

Harris RF-550 HF receiver & RF-131 exciter modules; 4.1x2.1 x5.9, 2 lbs sh. USED, not tested:



#A2A8/RF550 High Band Phase Lock Loop. \$33.00

#A2A14/RF550 Low Band Phase Lock Loop, \$32.95

SCHEMATIC packets, \$7.50 ea w/module purchase.

URG-2 Modules



GRR-18/GRT-17 RECEIVER-EXCITER MODULES & RACKS from "complete" group pictured. Black box modules fit into rack slot. "USED-NOT TESTED".

TS-2923/GRR-18 (599H3) RECEIVER TEST, \$39.50

CV-2649/GRT-17 (888B-1) AMPLIFIER CONVERTER, provides output signals for exciter from 250 KHz IF input; less cover, 8 lbs sh. \$99.50

CV-2653/GRR-18 (889A-2) AUDIO FREQUENCY DETECTOR for receiver, 7 lbs sh, \$125.00

CH-645/GRR-18 RECEIVER RACK only; no module clips. 10.4x18.8x22.6, 18 lbs sh. \$65.00

ARC-5 Parts

SCR-274/ARC-5 COMMAND SET replacement parts:

#7277 6-9.1 MC 1st IF, \$5.00

#7279 " " 3rd IF, \$5.00

#5856 " " oscillator \$5.00

#6234 " " RF sect. \$9.00

#7249 5.3-7 MC BC-458/T-21 xmitter PA coil, used \$6

#6032 6-9.1 MC BC-459/T-22 xmitter oscillator coil \$4

FUSE ASSEMBLY, from ARC-5 receiver racks. Comes with both of the fuses. 1.8x 1.3x1.2, #FA-5, Used, \$5.00



RT-524 Front Panel



Front Panel only for RT-524/A radio. Unused, \$25.

Infrared Device

INFRARED RECEIVER/DEMULATOR as used in televisions and VCRs for remote control; has infrared detector and an IC for signal processing. Requires 5 VDC; 0.7x0.6x0.6, 1 lb sh. #IFRD-TV, NEW, \$1.95 ea. 7 for \$10.00



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850-895 MHz Modules

Modules from digital air to ground phone system. Receive frequency was approx 850 MHz and transmit 895 MHz. Removed from equipment-Excellent:



MILCOM 850-900 MHz POWER AMP, no specific data, but estimated 10 W power out using MRF-897 transistor; has heat-sink top. SMA input-output connection; 3x8.5x2, 4 lbs. #MIL-850-10PA, \$39.50

CELWAVE (or =) 6-SECTION DUPLEXER for 850 MHz receive and 895 MHz transmit frequencies; SMA connections. 4x4.5 x2.4, 2 lbs sh. #CEL-85095-DP, \$15.00

PRICE REDUCED



PRICE REDUCED

DITCOM MICROWAVE DF-2575 CIRCULATOR for 850-895 MHz; 500 watts CW max, 3 KW peak. Isolation 20 DB min; insertion loss 0.3 db max. VSWR 1.25:1. Two SMA, one N conn; 1.4x1.7x1.3, 1 lb. \$15.00

FERROCOM 9K15-S CIRCULATOR, 840-900 MHz; T-shape SMA-N-SMA conn. No info; 1.9x1.9x1. \$14.95

MILCOM 2-WAY COMBINER for 800 MHz, 2- SMA female & 1- male connections; 1.8x2.8x2, 2 lbs. #240-089, \$19.95



800-900 MHz Modules



MODULES & COMPONENTS from airline phone system operating in 800-900 MHz range:

#**IFPC COMMON** module has two receiver input and two transmitter output sections. Has parts two each Motorola filter 0850E05140 and 0895E05141, M/A- COM 7N526-6016 circulator in one section. Also 47.5 MHz local oscillator, 5 MHz piezo osc and IC's N80C169KB 16 MHz CPU, 27C256-20 32Kx8 EPROM, 3/84256-10L 256Kx4 RAM & related IC's. Requires +28, +12, -12 V; 11x6.5x3.2, 7 lbs. \$20.00

#**IFPC-T/R MODULE**, stripline receiver RF/IF and low power xmitter boards plus oscillator/AGC board each in separate cavities. Components S80C652-1 MPU, 2/84256A-10 RAM, 27C256JL EPROM, two Sony 20102A D/A CONV, etc. Requires +12, -12 +5 VDC; 11x6.5x1.5, 5 lb \$15.00

#**AFF-PS MODULE**, powered both above modules; has switching supplies Calnex #24S12 (24 VDC in to 12 VDC 1.7 A out) and #12S5 (12 VDC in to 5 V 400 MA out); two RO Assoc 220-400 VDC input uVERTERs with one 28 VDC 10 A out and other 12 VDC 10 A out; and Vicor DC-DC Converter 250 VDC 35 W in to 5 VDC 25 W out. Also flat heatsinks, capacitors, etc. 11x6.5x3.3, 7 lb \$10.00

Triplexer

TRIPLEXER from cellular application by Fuji Electrochemical Co. #EF-T02, Frequencies are as follows - Transmit: 835MHz, Receive: 880MHz, Lo: 784.36MHz. Has female push-on SMA connections for Transmit, Receive, and Lo and a female TNC connection for Antenna. Cast aluminum housing with a removable cover. o/a 4.3x1.5x0.8, 2 lbs sh. Appears unused, \$4.00



Directional Coupler

225-400 MHz **DIRECTIONAL POWER DETECTOR** used in AM-6155 UHF power amplifier. Rated 65

watts forward; 15 watts reversed. Forward/reversed DC output proportional to output/mismatch; sub-mini connectors provided. "N" RF connections; 4.5x1x1.3, 1#. Coaxial Dynamics #3023, USED, \$18.00



Bird Power Monitor



BIRD 4162D RF POWER MONITOR, rated 220-405 MHz 40 W. Measures incident and reflected power; VSWR 1.1:1 max. Usable over 145-500 MHz. Output 100 ua @ 5K ohm. RF connectors; output C, input BNC. DB-9 for DC outputs. 1.8x4x1, 1 lb sh. NEW, \$19.95

135 MHz Tunable Cavity

118 - 135 Mhz Tunable Cavity. This is a large three section cavity for use in the range 118 to 135 MHz. No specifications available. Those of you who know about cavities could probably modify it for other frequency ranges. This unit has stepper motor and encoder on each section. Bodine Hysync DC Stepping Motor 23X1BEHD Caltech Corp Bit encoder 8 bit Absolute 33X121. No info on circuit to use these motors, but you can manually tune the cavities or design your own control circuits. 8.3x26.5x42.9, 70 lbs sh. #TC-135, Used excellent condition, \$125.00



PRICE REDUCED

900-1100 MHz Cavity



TRANSMITTER TRIPLER / PRESELECTOR CAVITY MODULE from TACAN system in 900-1100 MHz range. Consists of preselector and four silver-plated cavities originally gang-tuned using ball-chain drive (not available) 10x7.5x2, 7 lbs sh. #4-CAV-93, used, \$49.50

Directional Coupler

Rockwell Directional Coupler for the AN/GRC-171B 20 watt, 200-400 MHz transceiver. SMA connector for RF input. RF output uses BNC connector. NOS# 5985-00-588-5285, 4.8 x 1.3 x 1.3, 1 lbs sh. \$25.00



Wavemeters



p/o AM-1956/ GRC-50 Rx/Tx 1350.5-1849.5 MHz FM oscillators; cal book for tuning CHN #, MAIN TUNE, OUT FREQ, & REC OSC. BNC connections; 3x3x9, 5 lbs sh. USED, \$17.95

1700-2600 MHz **WAVEMETER**, 20-turn vernier tunes in increments of 1. BNC connections; 1N21 diode output. On 3.5"W bracket; o/a 4.8"Hx2", 2 lbs sh. #SMD-302123, used, \$24.95

SWR Indicator Circuit



STANDING-WAVE RATIO INDICATOR CIRCUIT, assembling a SWR meter using this 1.8" square 0-10 scale (FS=2 ma) meter with filters, rectifiers & modified Schering bridge. One pair of bridge arms is resistive, the other capacitive. Circuit is balanced when antenna is tuned to 52 ohms resistive resulting in "0" reading on meter. Bridge: 2.5x 2.3x1, 2 lbs sh. #M701/CU-991, Used, w/info, \$8.95

SWR / Discriminator pull out from AM-3349/GRC-106 Amplifier which covers 2-30 MHz at 200 Watt AM and 400 Watt PEP. Has two R/A mini BNC connections and a 15 pin DB connector with mating connector. 3.2x2.6x2.2, 2 lb. w/ schematic. #SWR-3349, \$10.00



SWR BOARD #PTSR006AOX for HyGain radio; no further info. \$1.00

QRP Circuit Boards

SHORT-WAVE CW EXCITER/ TRANSMITTER by Ryan Communications; tiny 2"x4" high quality circuit boards cover active segments of ham radio low band frequencies @ 1.25 W CCS from 12 VDC power input into 50 ohms resistive. Output increases from 0.75 W-2.5 W as input varied from 10-16 VDC. RF Harmonics > 30 DB. Has 2N3019 power amp transistor and double Pi-net. Provision for HC-6 - 33 xtal; norm-open contact-closure required for output. #SW-1: 1.8-2.0 MHz, \$32.00; 7-7.5 MHz, \$20.00; 10-10.6MHz, \$20.00; 14-14.7MHz, \$20.00



Noise Activated Switch

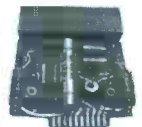


NOISE-ACTIVATED SWITCH with sensitivity adjust and mic; 6 VDC input, 2"x2". #54-91, \$1.25 ea

S-Line Mechanical Filter

Circuit Board with #526-9310-009 mechanical filter model F455Q3. This "Y" style filter will fit S-Line equipment. 100K ohm in/out impedance. 3.5dB bw is 18kc, 70dB bw is 70kc. IF frequency of the filter is 455KHz. The circuit board also has two 5636 sub-mini tubes and various resistors and capacitors. No further info on circuit board. 3.9x3.5x0.8, 2 lbs sh. #CB-MECH, Used, 2/\$50

PRICE REDUCED



Time-Temp Sign PCB



SCR/TRIAC CONTROLLER BOARD with seven 400 V 4 A SCR's and 200 V 6 A triacs. SCR's trigger the triac gates with 50 m-sec 16 V pulse that holds all triggered triacs "on" until 24 VDC to SCR's is reset. Originally p/o time-temp sign. 6x6x0.8, 1 lb. #ASI-CMC27 w/info, \$3.00

INDUCTOR PC BOARD has 3 200 uH and 2 1200 uH inductors 3/4"H x 1-3/8" dia; also 3/4000 mf 20 V, 3/3000 mf 25 V axial caps, xistors etc. 3 lbs. #54-014535, \$2.00



Hy-Gain CB Board



HY-GAIN CB TRANSCEIVER BOARD, similar to Hy-Gain board converted in 73 Magazine to 10 meters (2/84) and 6M (2/85). Board has xtals, IF transformers, RF coils; no schematic. On incomplete chassis; board 6.4x6, 4 lbs. #PTBM036AOX, "AS-IS", \$6.50

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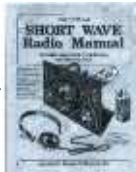
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Zenith Radio Service Manual and Parts List. Re-print of early Zenith service manual. Includes schematics and parts lists for Zenith radios made from 1928 through 1939. Offers help with alignment procedures, antenna alignment, and gives parts lists along with tube layouts on most models. 510 pages, 3 lbs. \$21.95



THE 1936 RADIO HANDBOOK by Frank Jones, Filled with diagrams, schematics, and photos of receivers, transmitters, power supplies, transceivers, tube specs, test equipment, amateur operating procedure, advertising and more. Perfect for the radio builder, collector, restorer, or amateur radio operator. 360 pp, \$19.95

OFFICIAL 1934 SHORT WAVE RADIO MANUAL, Build simple, high performance old time shortwave radios! All of the secrets are here: the circuit diagrams, parts layout, coil specifications, construction details, operation hints, and much more. This is a compilation of construction articles from "Short Wave Craft" magazine. 260 pp, \$15.95



MANUFACTURE OF WIRELESS COMPONENTS, Contains a series of articles showing how wireless components were fabricated with simple machine tools just after WWI. There are articles on making radio parts, jigs and fixtures, fabrication of honeycomb coils, manufacturing of moulded electrical and wireless parts, and more. 64 pp, \$6.95



WWII MILITARY COMMUNICATIONS EQUIPMENT, A compilation by Sam Hevener, detailed information on USAAF aircraft sets, infantry sets, vehicle sets, countermeasures equipment, intelligence equipment, radar, photography, british infantry and aircraft sets, unit radio assignments, navy aircraft sets, vacuum tube cross reference. Lots of interesting information. 8.5 x 11, 103 pgs, \$15.00

SECRET - US AIRBORNE RADAR SETS Nov 1, 1944. Covers basic information about the early radars that won WWII. Covers frequencies used, aircraft installed in, type of power output tube, various components of system. No pictures, sorry. A reprint by Sam Hevener, a well known WWII aficionado. 11x8.5, 176 pgs, \$19



U.S. Armor and Communications, Reprint of info on various radio equipment and accessories used by the U.S. military during the 1970's. Used at Army Armor school Ft. Knox. 200+ pages. Tape bound \$17.50

- MILITARY RADIO LISTS -

Copies of mil-references

#TM11-487A DIRECTORY OF OLD SIGNAL CORPS...RADIO EQUIPMENT, 8/1950. 4 pgs missing, 246 pp; \$22.95

#TM11-310 SCHEMATIC DIAGRAMS OF SIGNAL CORP GROUND RADIO EQUIPMENT 1943-47; 32 selected vehicle & field radios; 228 pp. \$24.95

THORDARDSON TRANSFORMER MANUAL, Great for transformer reference, tube amp schematics and tube radio repair secrets. Full of info on schematics, parts lists, performance specs, etc on big push-pull audio amplifiers, modulators, microphone pre-amps, power supplies and almost any type of electronic gear that used transformers and chokes. 144 pp; \$11.95



Audio

BEGINNER'S GUIDE TO TUBE AUDIO DESIGN, by B. Rozenblit; basic tube amp component theory and practical design + classic circuits. 131 pp. \$22.95

AUDIO ANTHOLOGY by C.G. McProud; reprints of articles about tube audio circuits: VOL #1, 1947-49, 125p \$16.95 VOL #2, 1950-52, 125p \$16.95 VOL #3, 1952-54, 96 p, \$16.95 VOL #4, 1955-57, 144p \$16.95

AN APPROACH TO AUDIO FREQUENCY AMPLIFIER DESIGN, (1957) by GE (UK); 17 circuits, 126 pp., \$14.95

MULLARD TUBE CIRCUITS FOR AUDIO AMPLIFIERS Reprint of audio amp circuits by tube mfg; 136 pages. 3 lbs \$15.95

VALVES FOR AUDIO FREQUENCY AMPLIFIERS by E. Rodenhuis; info & curves for European tubes, 144 pp. \$16.

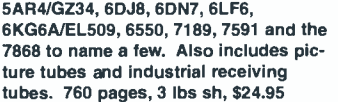


Tubes

TUBE LORE: A Reference for Users and Collectors by Ludwell Sibley; Collection of tech data, history of design trends, notes on equivalents, stocking-up hints, "where-used" information, etc. Hints on identifying, dating testing, reactivating, etc. 186 pp \$21.95

The 1973 edition of G.E.'s tube data book, giving all the characteristics starting with 00A and 01A. Includes foreign to American tube interchangeability chart, industrial/military cross reference, picture tube data and basing diagrams. Also entertainment semiconductors. 473 pages, 3 lbs sh. \$14.95

RC-30 RCA Receiving Tube Manual. A high quality reprint of the 1975 RCA Receiving Tube Manual (Technical Series RC-30). Includes tubes not found in RC-19. For example: 6CA7/EL34, 5AR4/GZ34, 6DJ8, 6DN7, 6LF6, 6KG6A/EL509, 6550, 7189, 7591 and the 7868 to name a few. Also includes picture tubes and industrial receiving tubes. 760 pages, 3 lbs sh, \$24.95



A high quality reprint of the RCA Transmitting Tube Manual TT-5, it includes tubes up to 4kw plate input. Includes technical data, outlines and typical circuits. 316 pages \$14.95

75 YEARS OF WESTERN ELECTRIC TUBE MANUFACTURING by Bernard Magers; historical look at 750+ WE tubes + pics; 133 pg \$18.95

WESTERN ELECTRIC TUBE CATALOG, 30 + popular types' data & curves plus obsolete list. 247 pgs, 3 lbs. \$18.95

- MILITARY TUBE LISTS -

Copies of mil-references

#T.O. 08-1-25, Vacuum Tube complements of Signal 10/44; tube line-ups of many vintage military & commercial radios. Also lists by tube # the radios in which tube is used. 192 pgs, 3 lbs. \$19.95

#MIL-HDBK-213A, Electron Tubes, Cross Index and Type Identification, Nov '63; comprehensive list of tubes used by the U.S. military; 303 pgs, 3 lbs. \$27.50

ARRL

Antenna Compendium I/QST, Volume I, \$10.00 Vol II, \$14.00 Vol III, \$14.00 Vol IV & V, \$20 ea
Antenna Impedance Matching, \$20.00
ARRL Electronics Data Book, \$15.00
Hints-Kinks, 14th Ed., \$12.00
ARRL Operating Manual, 4th Ed., \$22.00
QRP Power, \$12.00
Satellite Handbook, \$20.00
Solid State Design, \$15.00
200 Meters-Down, \$8.00
UHF / Microwave Experimenter, \$20.00
UHF/Microwave Projects Manual, Vol 1, \$20
W1FB's Antenna Notebook, \$10.00
W1FB's Design Notebook, \$10.00
W1FB's QRP Notebook, \$10.00

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TERMS
PRICES NET, F.O.B. LIMA, OHIO. SEND MONEY ORDER, CERTIFIED CHECK, VISA, MASTER CARD, OR DISCOVER WITH PURCHASE ORDER. We reserve the right to hold an order accompanied by personal or company check until after check clears the banks.

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DESCRIPTIONS
All material offered in this catalog is in "Used-Complete" condition, unless qualified and/or noted as "Reconditioned", "Unused", or "New." Merchandise is not operationally checked unless specified as "Checked."

Equipment described as "Reparable"—meaning "able to be repaired"—is electro-mechanically complete, but requires some trouble-shooting by the customer.

DISCLAIMER
Items in this catalog are "used" and/or "obsolete" equipment which may not conform to current Federal laws governed by the Federal Communications Commission (FCC), the Occupational Safety and Health Agency (OSHA), the Environmental Protection Agency (EPA), and other federal and state governmental agencies.

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Claims must be made within 10 days of receipt. Fair Radio reserves the right to repair, replace or refund at its discretion such merchandise. Unauthorized returns & claims beyond the 10 day period are subject to 15% or \$5.00 (whichever is greater) restocking charge. Returns and claims will not be accepted after 30 days of receipt of order!

Cathode Ray Tubes

CRTs are used no burns:

2BP1 15.00	4MP1 20.00	5BHP2 20.00
3ADP1 15.00	4QP31 35.00	5CP1 10.00
3BP1A 15.00	5ABP1 20.00	5FP7 nos 20.
3BP1A nos 30	5ADP7 30.00	5JP1 12.00
3DP1 6.00	5AMP2 25.00	7ABP7 15.00
3HP7 4.00	5BDP7 nos 15.	7BP7 9.00

CRT for HP180/USM-281A, \$45. f/TEK 453, \$85.
f/TEK 454A, \$100. f/TEK 531-535, \$45.
f/TEK 541-545, \$45. f/TEK 545A, NEW, \$65.

CRT SALE

Limited stock. No data on most of these.

u = used; un = unused
\$10.00 each; 5 for \$30.00

3E33P7 un	7BP7A un	10KP7 u
3JP1 u	7BP12 u	10UP14B u
5AGP1 un	7CP7 u	GL-4592 u
7AUP4 un	7SP7 u	SMD460260 un
7BP7 u	7VP1 u	Z4535-P-2 u
		Z4516P11 un

Sounding Device



PIEZO ALERT WARNING DEVICE, 6-12 VDC produces 105 db piercing Hi-Lo beep. 4.2x4.2 x1.8, 1lb. #MG-SB-2, NEW \$11.00

Faraday Horn

FARADAY 48 VDC 100 ma HORN, made for Bell Telephone; makes loud, penetrating sound w/ screwdriver volume adjust. Steel construction; recess mount. Front size 4x4x1.3 1.3" panel depth. 3 lbs #KS-12037L2, NEW, \$5.95



LOUD BUZZER HORN as used in smoke alarms; 2" dia x1.3". #41-81 Please SPECIFY VOLTAGE: 6 VDC \$1.25 ea; 12 VDC \$1.35 ea

Alarm Bell

ADAPTABEL INDUSTRIAL ALARM BELL, 5.8" dia bell operates from 6 VDC 250 MA for non-fire use. Heavy metal cast construction with mount hardware; 3 lbs. Edwards #435-6C1, new, \$9.95



Speakers



SPEAKER PAIR in PLASTIC ENCLOSURES, each 4" dia 16 ohm 1 W speaker in attractive 6.8x6.8 x5.3 enclosure with 6' cord and

RCA plug. White & black plastic per pic; 4 lbs sh. #ER-PL-SPK-PR, NEW, \$3.95/pair; 4 pair / \$12.00

3 X 5 SPEAKER, 1 watt at 16 ohms with 1.8" dia magnet; 1 lb sh. NEW, \$1.35 ea; 10 for \$12.00 100 for \$95.00



3 1/4" Square Speaker. 4 ohms rated at around 2 watts. 1 3/4" depth. 2 lbs sh. Unused, \$3.00

2 3/4" Round Speaker with no mounting holes. 45 ohms rated at around 1/2 a watt. 1.1" depth. 1 lb sh. Unused, \$2.00

Intercom / Monitor



ONE-TO-ONE INTERCOM/ MONITOR, low-cost wire-type set allows someone to listen to kids, a sick person or pet from another room. Master control has ON-OFF, push-to-talk switch, and audio electronics; a remote control has speaker only; 20 ft wire. Requires 9 VDC transistor battery (not supplied); control size 4.9x2.5 x1, 3 lb #CH-MON, unused, \$6.00

DC-5RA Ramko Mixer



RAMKO DC-5RA 5-INPUT AMP/MIXER, each input has Level Control and can be connected to "A" or "B" buss or not connected to either. Each

buss has LED VU-meter and Master gain control. Input level -60 DBM 510 ohms/0 DB 560K ohms; factory set @ 0 DB, but can be changed per manual. Response 20 Hz-20 KHz. Speaker monitors input channel; w/ manual copy. Requires 115 V 60 Hz; 7x19x15, 17 lbs. shipping. Used, not tested, \$79.50

Patching Switchboard

SB-2727 Rackmountable Communication Patching Switchboard. Provides facilities for transferring two wire audio lines so that remote control stations can be selectively transferred to a choice of radio receivers. The equipment incorporates twenty, two circuit, removable wafer, rotary selector switches having twenty-five rotary positions; twenty-four active and one "off" position. This design permits the transfer of any one or all twenty remote control stations to any one of twenty-four receivers. Facilities are provided for transferring all circuits to additional Communication Patching Switchboards when more than twenty remote control stations, or when more than twenty-four receivers are installed in the system. 11.1x19x14, 47 lbs sh. Used w/ manual, \$135



Audio Visual Recorder



Teac RO-570/AXQ (#V-1000AB-RVS) Airborne Ruggedized Audio Visual Recorder. Unit has the ability to record and playback airborne surveillance video. Takes small U-Matic 20 minute tapes. 15.3x9.5x6.3, 25 lbs sh. Used, \$30.00

Bi-Directional Horn

Atlas Sound APT-34T is a weather-proof bi-directional horn which offers construction and acoustic properties assuring 30 watts of continuous handling capability, superior intelligibility and unparalleled conversion efficiency. Has built-in 70V and 25V transformers with screw-driver selectable wattage taps. All metal construction. Comes with mounting bracket providing positioning flexibility for vertical or horizontal. 16.5" long x 9.8" diameter. 9 lbs sh. Unused, \$79.50

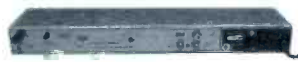


Transistor Audio Amplifier



TRANSISTOR AUDIO AMPLIFIER w/5-transistors, On-Off-Volume and Tone controls. Inputs for ceramic or crystal phono cartridges. Other possible uses as intercom, homebrew receiver, child's projects. Use with 8 or 16 ohm 3" or 4" speaker. Requires 6-9 V AC or DC; with schematic. 1.5 x 2.3 x 3.3. #ER-10-1231, NEW \$2.95 ea; 2 / \$5.00; 6 / \$12.00; 100/\$135.00

Blonder Tongue Modulators



Solid State Audio Modulator by Blonder-Tongue Model AMT-a pro-

vides a modulated aural carrier RF output on any single VHF TV channel 2-13. It can be used to put sound and color video on any unused channel of a closed circuit, MATV or CATV system or onto a single TV receiver. The wide range audio input can be directly driven from an AM or FM tuner, tape recorder, or high impedance dynamic or crystal microphone. The unit may also be used for carrier substitution. 4x19x1.8, 6 lbs sh. Unused, \$89.50

AM60-450A Agile Modulator by Blonder Tongue provides audio and video modulated RF carrier on any channel in the 50 to 450MHz frequency range.



Ideal for placing audio and video onto any unused channel. Any standard audio/video source can be used, such as satellite receivers, television cameras, video tape recorders, or television demodulators. Agile channel selection permits on-the-fly channel changes and reduces the need for large inventories of channelized products. Features rock solid, synthesized frequency control, with a tuning increment of 250KHz. Requires 115VAC 60Hz. Has type "F" female connectors on the back for IF out, IF in, and RF out, and video in. Has a RCA phono female for audio in. 15.1x19x1.6, 9 lbs sh. Used Excellent, \$300

Agile Processor, AP60-450, \$275.00

Output Combiner, OC-12D, \$175.00

Video Selectors



Amco Mfg. #VS-14, has a type F connector for each of the 4 video inputs along with one RCA jack for "Game" on the first

input. One F connector for output. 4 push button switches on the front face. Woodgrain, 5.5 x 8.3 x 2.5, 4 lbs, used, \$12.95

RCA male to female 18" cable, #RCA-18, \$1.95

VCR Selector

Amco Mfg. #VTR-10, has a type F connector for each of the 10 VCR inputs. One F connector for the TV output. 10 push button switches with an LED beside each switch on the front face. Internally shielded. Originally used to demo products. Black, 8.8x9.8x11.4, 11 lb, used, \$24.95



7" Audio Tape



7" Professional Audio Tape by Ampex model 631. This is the 1.5 mil tape, 1200' of 1/4" tape. These reels of tape are excellent for DBX reels and others to decrease tape noise, consider by many as the standard for reel recording. These

reels are truly the standard for audiophile recordings, and a must for the reel collector. 3 lbs sh. Unused, \$3.75 each; 12 for \$35.95

PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

LOW VOLTAGE TRANSFORMERS

All 115 VAC 60 Hz primary unless otherwise noted; styles as indicated; may be "used" or "unused": Dimensions listed below are case only, so make allowance for terminals. Weights listed below are considered SHIPPING weights. Limited stock.



STYLES	(A)	(B)	(C)	SECONDARY SIZE	STYLE	WT	STOCK #	PRICE
Two 5 V 3 A	3x3.3x3.4 (C)	7	#P-6333	3x3.3x3.4	(C)	7	#P-6333	\$9.95
7.5/6.3 VCT 3 amps,	6.3 VCT 4 A							
Dual 6V 400ma,	1.5x1.6x1.3, (C)	2	#11T-6V-400MA,					\$5
6.4 V 6.4 amps	3x4.5x3(A)	6	#SMB202959					\$6.95
23 V 300 MA								
6.6V 2.3 A,	2.3x2.7x4.1 (A)	4	#93-6.6V-2.3A					\$4.50
6.6V 10 A,	3.3x4x5.8 (A)	10	#77-6.6V-10A					\$9.95
6.6VCT 1 A								
9.2 V 600 MA	2x3x2(A)	2	#NE-1063-P					\$3.95
10 V 4 amp,	3x4x3.5 (C)	7	#BE-12696					\$4.95
18 V 1.5 A,	19 V 2.5 A							
12.5 V 2 amps	3x3x2.5 (B)	2	#FR-24960					\$2.95
12 V 9 amp,	5.3x4.3x4.8(C)	22	#P-601719					\$8.95
12 V 3.2 A,	12 V 2 A,	44 V 2.5 A.	(12 V windings can be wired to produce 12 V 14 A)					
13 V 20 amp,	4x3.5x3.8 (C)	10	#430-9001					\$19.95
15 V 3 amps	4.5x3.8x3.8(C)	13	#PV-175-9					\$4.95
13 V 2 A,	6.3 V 7 A	with capacitor						
15 VCT 3 amp,	2.5x3x2.5 (C)	2	#TRA-1577					\$3.95
16.5 VCT 2 amps	2.6x2.5x2 (C)	2	#BE15869					\$3.95
17 V 1.5 A,	2.5x3x2.5(C)	3	#54-995					\$4.00
19 V 1.6 A								
18V 5.4A,	4.5x4.8x4(C)	16	#401-21					\$8.95
26 V 1 A,	6 V 900 ma,	25 V 500 ma,	35-10-0-10-35 V 5 A					
18 V 1.5 A,	3x4x3.5 (C)	7	#BE12696					\$4.95
19 V 2.5 A,	10 V 4 A							
18 V 4 amp	2.5x3x2.8 (B)	4	#SK-710202					\$4.95
20V 20A,	5x4.3x5.3, (B)	16	#32-20V-20A,					\$24.00
Primary 115/220V								
22 VCT 3 A,	3.8x3x4 (C)	8	#3S92890015					\$5.00
80 VCT 1.5 amps								
25VCT 8 A 4 x 3.6 x 5.3 (A)	13	#200P25GT						\$14.95
2x30 V 250 MA	1.8x2x1.5(C)	1	URC#60605					\$2.50
30 VCT 200 MA	2.3x1.3x2(C)	1	URC#374501-1					\$2.95
45 VCT 100 MA,	2.5v 30ma							
30 VCT 560 ma	2.5x2.3x2 (C)	2	#401-6					\$3.00
40 VCT 450 ma								
32 V 5 amps	3.3x2.8x2.3(C)	4	#2-111219					\$5.95
32 VCT 1.5 A;	2.5x2.6x2.1(B)	3	#142259					\$3.95
35 VCT 1 amp	2.5x2.8x3(B)	3	#1341155-2					\$2.50
Rusty condition								
36 VCT 2 amps	2.9x3.5x2.3 (B)	3	#SR-448					\$4.95
38.9 V 4 amp	2.6x3.8x3.5(C)	5	#021/0220050					\$7.50
tapped 26-9-3-0.9 V,	150 VCT 200 ma							
40 VCT 1 amp,	3.3x3.8x3.3(C)	7	#P-1220					\$7.00
31 VCT 2 A,	11 V 1.2 A							

40 VCT 2.1 A,	3.5x5.5x3(A)	8	#9807					\$6.95
24 V 1 A,	117 V 50 ma:	sealed						
40 VCT 1 amp	3.3x2x2 (B)	2	#URC56000					\$2.95
42 VCT 2.5 A	6.3x5.8x4.8 (A)	14	#235-2593					\$8.95
2 VCT 12 amps								
48VCT 5.5A,	4.2x4.5x3.8, (B)	12	#20-48V-5.5A,					\$16
Primary 115/220V								
52 VCT 2.6 amps,	3.2x3.8x3 (B)	6	#EIA606-451					\$7
tapped 33 and 18 VCT								
70 VCT 5 A,	4.5x4.8x4 (C)	16	#401-21					\$8.95
tapped 20 VCT;	18 V 5.4 A,	26 V 1 A,	6 V 500 ma					
80 VCT 1.5 amps,	3.8x3x4 (C)	8	#3S92890015					\$5
22 VCT 3 A								
90VCT 2A,	4.1x3.4x2.9, (C)	9	#24-90V-2A,					\$14.00
Dual 90V 2.5A,	3x5.2x4.4, (C)	13	#20-90V-2.5A,					\$20
tapped on each of the 95V windings at 60V,	32 vct around 200ma							
Dual 95V 2.5A,	3x5.2x4.4, (C)	13	#28-95V-2.5A,					\$22
tapped on each of the 95V windings at 60V,	32 vct around 200ma							
80VCT 180 ma,	3x3.2x4.9 (A)	6	#46-80V-180MA					\$3.50
100VCT 830ma,	2.2x2.7x2.5, (B)	3	#15-100V-83MA,					\$16
115 V 75 MA,	4.8x7x6(A)	14	#BP-18585					\$9.95
6.3V 6A,	6.3V 3A,	6.3V 1.8 A,	2.5V 5A					

Audio Transformers

Primary	Secondary		
50 ohms 30ma	500 ohms 400 to 1900 Hz Mic Transformer	1.5x1.3x1.5(A)	1 lb #T204/PP115 \$3.
100 ohms	100K ohms; input transformer,	2.1x2.2x3.2 (A),	2 lb #T3/AM20 \$7.95
250/4000 ohm	150, 600 ohmCT 400-3000 Hz	1.8x1.8x2.5(A)	2 lb #C280/RM39 \$4.00
500 ohm CT	500 ohms CT 600-12000Hz	2.3x2x2.5(A),	2 lb #T203/PP115 \$3.00
62.5K ohms	1340 ohms, 100-10000 Hz 5 ma.	1.9x3x1.8(A),	1 lb. #502-5442 \$5.00

Audio transformers which we were told were from Altec/Altec Lansing Public Address amplifiers. We have no specific data on these, but offer them to those who may know what they are. All ohms listed below are DC resistance. We will list all the information we have and pictures on our web site at fairradio.com/audiot.htm

Pri. 0.5 ohm; Sec. 8.7 ohm tapped 8.4, 8.3, 8. Open frame, 2.7x3.7x2.3, 4 lbs sh. Sam Woo #050-7000-00, \$5
 Pri. 0.3 ohm; Sec. 3.7 ohm tapped 3.65, 3.6, 3.5. Open frame, 2.9x3.4x2.8, 6 lbs sh. Sam Woo #50-7001-00, \$7.50

Tamradio #302216, Winding(1) 19.3 ohms, (2) 5.7 ohms CT, (3) 3.4 ohms CT, (4) 5.2 ohms CT, (5) 20.4 tapped 17.1 ohms, (6) 21.5 tapped 16.7 ohms. Open frame, 3.1x3.2x2.8, 5 lbs sh. \$5.00

050-0145-05 EIA606-625, Winding(1) 0.7 ohm tapped 0.4, (2) 2.1 ohm tapped 1.8, (3) 0.4 ohm tapped 0.3. End Bell, 3.8x3.8x3.1, 9 lbs sh. \$10.00

TRIAD TRANSFORMERS

#TY--61X TRANSISTOR DRIVER 100 ohms 100 ma : 100 ohm CT, 50-10KHz 500 mw. 2.7x1.5x1.5. \$4.00

#TY-65Z MODULATION Pri: 32 ohms CT 575 MA DC Sec: 4K-6K ohms 10 W. 2.7x2.4x2, 2 lbs. USED \$5.

HV Transformers

SECONDARY SIZE	STYLE	WT	STOCK #	PRICE
289V 200MA,	4.5x3.9x5.9 (A)	16	#8-289V-200MA	\$15
207V 125ma,	2x6.3V 4.5A,	2x6.3V 5A		
375 VCT 50 MA	2.5x3x2.6 (B)	3	#8316527	\$6.50
6.3 V 2 amp (230 VAC only primary)				
435V 190ma,	2.9x2.5x3.3, (B)	5	#17-435V-190MA,	\$18
tapped at 210V,	5V 3A			
550VCT 12ma,	2.4x2.9x4.1 (A)	5	#3-550V-12MA,	\$7.95
60VCT 300ma,	6.3V 600ma			
800VCT 75MA,	5.5x5.3x8.3 (A)	26	#15-800V-75MA	\$20
275VCT 220ma,	120V 2A,	35V 6A,	6V 2.5A,	5V 6A
1000VCT 80MA,	4x4.5x5.5 (A)	12	#61-1000V-80MA	\$20
1232 VCT 50 MA,	4.3x5.3x3(A)	10	#146-44-1	\$9.95
tap 437 V 15 ma,	5 V 2 A,	6.3 V 2.5 A,	6.3 V 3.2 A	

Misc Transformers

MODULATION TRANSFORMER Pri: 5500 ohm 235 ma or 2000 ohm 300 ma. Sec: 200 ohm 20ma 90 watts max. 3.1x3.5x2.9, 4 lbs. #677-0923, used, \$8



"ISOLATION" TRANSFORMER #45099037, pri 115V 60 Hz; sec 105 VAC 500ma 3.5x3.5x2.5, 6lbs sh. \$7.50

TV-7 POWER TRANSFORMER. Sealed frame. Unused, 4.2x4.0x4.1, 8 lbs sh. #TR-TV7, \$75.00



TRANSFORMER-POWER SUPPLY Pri: 2 x115 VAC 48-62 Hz. Sec: 570 VCT 200 MA, 25 VCT 1.2 amps, 6 V 8 A. On chassis w/sockets for two 26Z5 tubes; 20 lbs. #PS-R390A, used, \$25.00

3-PHASE POWER TRANSFORMER from Harris RF765 5 KW transmitter; two outputs of 1916 V 2.3 amps and one 1518 V 490 MA from 208/220/230/240 V 3-phase input. Made by Basler; 17x 26.5 x12.5, 300 lbs shipping. Harris #10178-5200, used, \$450.00



PP-1659A Battery Charger was originally designed to produce 0-135VDC at 15 amps. VIRTUALLY ALL COMPONENTS ARE MISSING FROM THIS UNIT WITH THE EXCEPTION OF THE POWER TRANSFORMER AND THE

HOUSING. The transformer has a primary of 115VAC at 60Hz with secondary taps of 12, 24, 36, 48, 60, 72, 84, 96, 108, 120, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, and 144 volts. This assembly is a great foundation for your next battery charger or power supply project! 12x11x12, 60 lbs sh. #X-1659A, \$39.50

CHOKES

1 mHY/5.0mHY 11A/1A swinging 6.8v - 120cps .07 ohm 2x2.3x3, (A), 4 lb, #103-1MH-11A, \$9.50

5 HY 130 maDC 115 ohm, 350VDC working 2.3x2.3x3.5, (C) coated, 3 lb, #91-5H-130MA, \$15

15 Hy 5 ma 400 ohms, 1x1.9x3, (A), 1 lb #L2/AM20, \$4.00

C-161 LOADING COIL used with switchboards as 1:1 ring-thru transformer; CT line-side winding. Popular in old phone patch projects; 3x5x2.6, 4 lbs used \$12.00

C-114 LOADING COIL, adds 88 mH inductance to field phone wire increasing effective range 125+%. Water tight case; 4 lbs sh. used \$10.00

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

Power Supplies



5 VDC 6 AMP AC DC #ECV5N6-1 MODULAR SUPPLY, +0.05 line and load regulation from 100/117/220/23/240 VAC 47-440 Hz input; 4.9x5.6x2.5, 5 lbs. NEW, \$15.00

5 VDC 3 AMP EXELON DC REGULATED SUPPLY, and 12 VDC 0.1 amp output from 115/230 VAC 47-63 Hz input. 5x5.3x2.8, 4 lbs. #PS-1545, NEW, \$10.00



12 VDC 1.5 AMP DC POWER SUPPLY designed for small tool rated under inductive load like a motor. Output > 20 VDC under lesser loads; can be varied somewhat depending on load. With 6 ft AC cord; requires 115 VAC 60 Hz; 2.5x2.5x5, 3lbs sh. #DR-12VPS, NEW \$10.95

COLECO DISK DRIVE POWER SUPPLY for ADAM system; transformer type with outputs +5 V 3 amp, +12 V 2.9 A, -5 V 200 ma, and +18 V inductive 1 A. 115 V 60 Hz input. With cords and On-Off switch. 11x4x8, 10 lbs sh. #COL72559, unused, \$10.00



PP-3929A/FLR-9 DC POWER SUPPLY with outputs -12 VDC 8 amps and +12 VDC 2 amps. Has 3.5" dia meters 0-15 VDC and 0-12 AMP DC, switch for Output Select +10/-10 VDC and Voltage Adjust trimmer, Terminal strip on rear; mating connectors not available. Solid-state; requires 115 VAC 48-63 Hz. 4.8x19x18, 46 lbs shipping. Used repairable, \$35.00

Linear Regulated Power Supply by Lambda #LM-CC20-V, adjustable 20VDC +/- 5% at 5 amps. Perforated housing. Requires 205-265VAC 55-65 Hz. 10x4.9x4.8, 17 lbs, Used, \$45.00



Rackmount Power Supply by Westinghouse covering 12 to 65VDC at 3 to 9.5 amps from an input of 115/230VAC 60Hz. The power supply does have a current adjust but does NOT have a voltage adjust. The voltage is directly relative to what the current is set at. Has 2.9"H x 3.5"W panel meters for Amps and Volts. Running time indicator. 15.5x19x7, 49 lbs shipping. #WE-65, Unused, \$119.50

H V Supplies

HIGH VOLTAGE POWER SUPPLY, input 120 VAC 50-60 Hz. Rated outputs: -5000 V (6+ KV tested) 1.8 ma, +120 V 15 ma, +24 V 0-1.25 amps, +16 V 200-450 ma. 4x9.5x4, 17 lbs shipping. #GE9T63Y2280G02, Used, \$12.95



Switching Power Supplies



HEAVY DUTY SWITCHING SUPPLY, outputs +5 VDC 28 amps, +12 V 4 A, +24 V 1.5 A from 115 VAC 60 Hz in. W/ ON-OFF switch, & 16-pin Molex output connector. "AS-IS" complete, no schematic" 2x5x13, 6 lb #SWPS-528, \$6.95

SWITCHING POWER SUPPLY with 3" axial fan. Outputs +5 V 10 amp, +12 V regulated 2.5 A, +12.5 V 5 A unregulated from 115 VAC 50/60 Hz input. P/o Wang equip. 2.6x5.1 x12.5, 7 lbs. #12690, \$14.00



POWER SYSTEM switching supply, outputs +5 V 7 amps, +12 V 3 amps, -12 250 ma, -5 300 ma from 115/230 VAC 50-60 Hz input. 7.8x 4.4x1.5, 3#. NEW: #PS1558, \$15.00



5 VDC 10 Amp (at 50 degree C) Switching Power Supply. Output voltage is adjustable + or - 5%. Input required 105-132VAC 47-440Hz or 130-160VDC 95 watts. 7.9 x 1.7 x 4.5, 4 lbs sh. Unused, Lambda #LJS-13A-5-0V, \$18.00



Switching Power Supply, Outputs: 5VDC 20A, 15VDC 2.5A, -15VDC 1.0A, 24VDC 4.0A. Housing is perforated. Requires 115/230VAC 50/60 Hz. Xentek Inc mfg. 10.9x7x4.2, 7 lbs #SX200-81605, Unused, \$8.95; 4 for \$29.95

Switching Power Supply, Outputs: 5VDC 21A, -5.2VDC 7.5A, 12VDC 4.7A, -12VDC 1.5A. Each output has a potentiometer adjusting the voltage +/- 1 volt. Perforated housing with a heatsink on top. Requires 115VAC 60 Hz. Various mfg. 10.9 x 7 x 4.2, 15 lbs #7860, Unused, \$9.95; 3 for \$24.95



48 VDC 34 AMP PP-8097 SWITCHING POWER SUPPLY designed to power FET-type power amplifier used with RT-1512/GRC-215 exciter. Also +/-15 VDC 1 A output, 6" dia 16/32 VDC fan; On-Off switch, two connections to P.A. and one Input; mating plugs not available. No further info. Requires 110/220 VAC 50-60 Hz; 0x19.5x17.5, 100 lb USED-excellent, \$150.

Wall Transformers



AURORA TOY WALL TRANSFORMER, changes 120 VAC to 9.5 VDC 350 ma output. 6" cord with slide lugs; 2 lbs sh. #AUR-95V34VA, 2 / \$4.00

CERVCO AC ADAPTER, 11.5 VAC 175 ma output; 6' cord w/o lugs. #CER-11.5V, 2 / \$3.00

AC adapter/wall warts GRAB BAG from cell phones: 12VDC 200 ma to 1000 ma, #AC-12, 5 for \$11.00 9VDC 130ma to 300ma, #AC-9, 6 for \$12.00

13 VDC 1 Amp Wall transformer from 120VAC input. 6 ft cord w/ "Barrel Type" DC power connector O.D. 5.0mm; I.D. 2.5 mm. 2.6x2.2x3.4, 2 lb, #TAACA0201, \$2.50



Power Supply Modules



5 VDC 3 Amps regulated open frame power supply with over voltage protection from 115/230 VAC primary. Mfg by International Power #IHB5-30VP-506. 4.9 x 4 x 1.9, 4 lbs sh. Unused, \$15.95

Same as above except 15 VDC 1.5 Amp, #IHB15-1.5, \$16.95

+5/-5 V 3 AMP REGULATOR BOARD, up to 24 VDC unregulated. Capacitors two 15000 mf 15 V, 33000 mf 30 V. Two each KBPC rectifiers, 2N6576, 2N4441 SCR. 7.8x6x4; 3 lbs sh. #MEND-REG-5V, \$5.00



REGULATOR MODULES from Sun supplies, each with current limit and voltage adjust. Includes bridge rectifier, filter capacitor, two 2N3055 or equal and 723 regulator; 2 lbs shipping. #SUN-REG-124, 12 V 4 amp, \$10.00 #SUN-REG58, 5 V 8 A w/OVP; \$8.00

POWER SUPPLY MODULE with 3-conductor cord, fuse, 110/115 V input switch and 50% Voltage switch. Outputs: 18 V 350 ma & 30 VCT 600 ma; 50% switch, 9 V 350 ma & 15 VCT 600 ma. 6x4x2.3, 4 lbs. #PSM-4404-87AD, used, \$3.75



Battery Charger



NI-CAD BATTERY CHARGER PP-6241 SOLID-STATE BATTERY CHARGER for silver-zinc or nickel-cadmium types. Three independent charging units with out-puts 8-16-32 VDC or 0-36 VDC in 0.1 V steps; 1 or 2.25 amp charge. With cables CX11971, CX11972, and CX11973. Requires 115 VAC 45-440 Hz input. 11.5x 13.8 x11, 46 lbs. With book: Used, \$39.50; Unused, \$79.50

PP-7286/U Ni-Cad Battery Charger will charge 6, 12, 24, or 28 volt sealed Ni-Cad battery capable of either fitting in the five battery holders on the front panel or attached to cables connected to the five sets of plug-in-connectors (jacks) located beneath the battery holders. Unit originally designed for batteries BB-557, BB-699 and BB-704. Requires 115/230VAC 47 to 400Hz. 9.5x11.6x13, 38 lbs sh. Used, \$99.50 Op's Manual Repro, \$10.00



DC Converter



ASTEC DC to DC Converter designed for PC mount; +5 VDC input produces 12 VDC 85 ma output. 1.2x1.5 x1, 1 lb shipping. #AA7210, New, \$2.95 ea; 2/\$5.00

GET A BETTER PICTURE OF OUR ITEMS AT FAIRRADIO.COM

Handcrank Generator



HANCRANK MAGNETO GENERATOR from telephone equipment; features long crank with shaft extending 2.5" from generator and mount plate that allows left or right side or bottom mount. Will work up to 90 volts. Replace "dead"

generator in antique phone or as remote bell ringer or "worm shocker"; 4 lbs sh.

#MAG-GEN-1085, used, \$19.95

Dynamotor Supplies

DY-107/AR DYNAMOTOR SUPPLY for ARC-44 radio.

Output 138 VDC 140 ma, 310 VDC 30 ma, & 27 V 400 Hz 3 phase 10 VA; input 27 VDC 3 amps. 5x9x3, 10 lbs sh. USED, \$37.50



- +++++
- D-10A Used, \$15.00
 - D-401 Used, \$12.00
 - DM-36 Re-new, \$15.00
 - DM53 Used w/ base, \$6.00
 - DM53 12V Unused w/o base, \$8.00
 - DY10/ARC1, \$14.00
 - DY-86/ARN-30, \$15.00
 - PE-98 14V Used, \$30.00
 - PE-133 used, \$10.00

#2C4312/B50 HINGE SET for the DM-21 in BC-312/342, \$7.00

200 Watt Inverter



12 VDC to 120 VAC 60 HZ INVERTER, rated 200 watts continuous; 600 W surge. Output is squarewave with zero-crossing. Has studs for input & 3-cond outlet. 3 x 7.5 x 4.8, 7 lbs. #RC-12200, NEW, \$65.00 \$49.50

Inverter Kit

400 HZ INVERTER KIT removed from PP-2352; good foundation for 28 VDC to 115 VAC 400 Hz 500 watt 1 phase inverter. Includes oscillator feedback, driver, output, & regulator transformers, two saturable reactors & schematic info. Add other components to suit your power needs; 10 lbs sh. #KIT400HZ-500W, \$49.50



750 Watt Inverter



ROTARY INVERTER, output 115 VAC 400 Hz 1 phase 750 VA from 28 VDC 60 amp input; Leland or -. 12x9.5 x7, 42 lbs shipping. GOV'T-RECOND, \$57.00

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#PU-16/AP INVERTER, like above except 750 VA out from 28 VDC 60 A in; 9.3x16.5x7, 40 lbs shipping, \$32.95

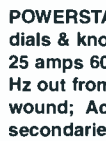
Variable Transformers

- - OTHER RATINGS AVAILABLE - -
Tell us your needs!

All variable transformers listed below are used good condition unless otherwise specified.



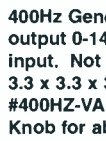
GENERAL ELECTRIC VARIABLE TRANSFORMER, input 120 VAC 60 Hz. Isolated output 0-60 VAC. Maximum current load: 5 amps. Two units wired in series will produce 120 VAC output. Coil not enclosed; dial plate & knob not included. 4.4" dia X 4"H; 6 lbs GE #9T92A1515, NEW, \$19.95; 2 for \$35



POWERSTAT variable transformer, no dials & knobs. #DMLW-136BT-3, 0-30V at 25 amps 60 Hz or 15-0-15V at 35 amps 60 Hz out from 120/240 V input double wound; Actually has two isolated 15V secondaries. Great basis for a 12 or 24 volt power supply. Enclosed, motorized 3 section (3 phase). 12" dia X 30"H, 90 lbs. \$195



POWERSTAT 12 Amps output 0-130V from 120V input. Not enclosed. 6x5.1x5.2, 12 lbs sh. #12A-VARIAC, \$95.00
Knob for above, \$1.95
Dial Plate for above, \$1.50



400Hz General Radio M2, 2.4 Amps output 0-140V from 120V at 400Hz input. Not enclosed. Dial plate N/A. 3.3 x 3.3 x 3.7, 4 lbs sh. #400HZ-VARIAC, \$18.00
Knob for above, \$1.95



380 HZ #GA5065OL VARIABLE TRANSFORMER, input 120 VAC 380/1000Hz; output 0-120 VAC 380/1000 Hz 13 amps. 7x6.2x3.3, 9 lbs. \$18.00

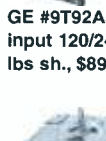


Staco #033-6565, 20 Amps 0-180V, input 120V, motorized. 8.8x8x10.5, 36 lbs, \$120.00

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Variable transformers listed below are 240VAC 60Hz inputs; not enclosed. Used unless otherwise stated.



VARIAC W20H, 0-240 V 8 Amps from 120/240 V, 7.5 x 7.5 x 6.5, 23 lbs sh. Unused, \$95.00



GE #9T92A30G51, 8.5 Amps 0-240/280V, input 120/240V, motorized. 7.6x6.9x10.2, 23 lbs sh., \$89.50



GE #9T92A30, 8.5 Amps 0-240/280V, input 120/240V. 7.1x6.2x6.3, 17 lbs sh., \$92.00
Pointer knob, \$1.00
Dial Plate, \$1.50



Powerstat #2388-10698, 9 Amps 0-240V, Input 240V, motorized, perforated sides. 9.1x9.5x10, 30 lbs sh., \$89.50



Staco #033-7015, 10 Amps 0-240V, input 240V, motorized, perforated sides. 8.9 x 9.5 x 10.3, 30 lbs sh, \$99.50

Regulators / Conditioners



Sola CVS 2000 Watt Constant Voltage Transformer provides a very well regulated sinusoidal waveform that is isolated from variations and disturbances in the input voltage. Also provides isolation and step-up/step-down to allow for various input/output voltages. Input 95-130/175-235/190-260/380-520 60Hz. Output 120/240VAC 60Hz 2000VA. 17.8x11.4x9.6, 115 lbs sh. Unused, \$250 ea., 2 / \$450

WANG POWER CONDITIONERS, electronic line voltage regulators with full magnetic isolation protects computer & similar equipment from line voltage surge or "sag" damage. Provides "clean" 120 VAC 60 Hz output from inputs of 90 to 135 VAC 60 Hz. Low input shutdown @ 50% of nominal. OVP shutdown @ 12% above max output. 7.8x13x10.4: #SC-100A-PC, 1000 VA output with one large L5-20R receptacle; 45 lbs sh. NEW, \$195.



WANG LINE REGULATOR, designed for 120 VAC 500 W constant output for computers from 95-130 VAC 60 Hz inputs. Has two 3-conductor outlets, On-Off switch, and line cord. 7.8x8.5x16, 40 lbs sh. #725-2740, unused, \$125.00



SOLA #63-13-150 C-V HARMONIC NEUTRALIZED REGULATOR, 120 V 60 Hz 500 W output from 95-130 VAC 5 amp input. Two 3-cond outlets & On-Off on front. 6.9x7.8x13.3, 34 lbs. #63-13-150, used \$95.00

GENERAL RADIO 1582A VOLTAGE REGULATOR, automatically compensates for AC Line voltage fluctuations; output 115 VAC +/- 10%; 7.4x19x16, 90 lbs sh. #GR1582A-AL, 85 amps, 90-110% correction, \$275.



Un-Interruptible Supply



UPS SUPPLY produces 120 VAC 500 watt output from 48 VDC input. Rechargeable 8 cell x 6 VDC lead-acid battery pack supplies power when normal power is interrupted. Inverter output is modified squarewave with zero crossing. No further data; batteries functional, but no warranty as to cell life. W/casters; 14.5x12.5x10.3, 70 lbs sh. #UPS-48-500, Physically good condition. Used less batteries not tested, \$49.50

Frequency Converters

ELGAR 500 W FREQUENCY CONVERTER uses four 125 watt power amps; voltage, freq & phase digitally programmable. Input 208 VAC 60 Hz; output 300-1000 Hz selectable 0-15/30/130 V (phase A'), 0-40/ 160 V (phases A, B, C) & tandem A0+B0=240 VA @ 115 V. Special Elgar 504 requires 16-bit binary & TTL programming to operate; info not available. 7x 19 x24, 150 lbs. #580-283-047, UNUSED, \$495 \$250.00



PP-7482/G STATIC FREQUENCY CONVERTER, changes 115 V 60 Hz input to 400 Hz output 1 phase 1000 watts. Internal pots adjust output voltage and freq. Rockwell #622-3861-001; 19x5.5x 19.5, 55 lbs sh. USED, AS-IS "non-working", \$125.00



CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

Diode Heatsink Assembly



#DHS6-1815, with six MR-1815-SL 300 PIV 100 amp diodes; heatsink 2.6x9.4x4.8, 4 lbs sh. \$29.95

SILICON CONTROL RECTIFIER assembly single phase half-wave; GE #C1411CX5 or equivalent. Rating approx 500 V 35 amps. 7x6.3x5, 4 lbs shipping. #KS-19576L1, USED, \$6.95



Rectifiers

DIODES: 1 AMP 50 PIV 20/\$1.
1 Amp 400 PIV 15/\$1. 1 Amp 1000 PIV 10/\$1.00

MR752 6 AMP 200 V \$1.00

1N3890 12A 100V, 4/\$3

1N1184, 35A 100V, used \$1

#D-R610-0230, 200 PIV 300 A; 4" tail. Used, \$8.95

RF DIODES: 1N21, \$1.50; 1N23, \$2.50

#SM-C-745210, 37V Zener Diode w/ 3/4" stud, \$2.00



HIGH VOLTAGE DIODE 3 PHASE "Y" BRIDGE from 2000 VDC power supply; six submodules each with ten 1N1095 diodes & 5 capacitors series-parallel. 3.3x2.3x3.7, 2 lbs. #1540/ARC-58, \$6.00

FULL WAVE BRIDGE:

#AL-10-5, 25 Amp 50PIV used, \$1.50



DC Suppressor



MX-7777B SUPPRESSOR protects vehicle radios VRC-12, VRC-53/64 & GRC-106 from damage by voltage transients. Input 28 VDC; output < 36 VDC. Has 50 amp circuit breakers for Overload & Short; diode overheat protection & manual (BATTLE) override. 5.3x7.3x6.8. 7 lbs shipping. USED, \$17.50

PLUGS (2) for MX7777; #29935-2P, used, \$7.50 ea
PLUGS (1) for MX7777; 4 pin female, used, \$7.50

Semiconductors

2N3700, 3/\$1.00	2N5428, \$1.00
2N3716, \$1.95	2N6292, 2/\$1.00
2N3739, \$1.95	2N6675, \$3.95
2N4126, 5/\$1.00	

REGULATORS

LM-117K, 1.2-37V 1.5A out; 0.03% load reg., \$3.50
LM-123K, 30W 3 amp 5V positive regulator, \$1.95
LM-137K, negative adjustable regulator, \$1.95

--- Metal Oxide Varistors "MOV" ---
#S14K130 130V \$1.25, #S14K175 175V \$1.50

IC SOCKETS

LOW PROFILE	STANDARD	WIRE WRAP
16 PIN, 12/\$1.00	24 PIN, 2/\$1.00	14 PIN, 6/\$2.00
20 PIN, 10/\$1.00	28 PIN, 2/\$1.20	16 PIN, 6/\$2.00
22 PIN, 6/\$1.00	40 PIN, \$1.00	18 PIN, 5/\$2.00

Heatsinks



#HS-10169 HEATSINK, 6"Lx3.5"Wx1"H; drilled three 7/16" dia holes for diodes, 2 lbs sh. \$2.50

#HS5451-F, 5"Lx4.5"Wx1.1"H with flat back for easy mount; two 7/16" dia holes. UNUSED, \$2.50

#DHS4525 DUAL HEATSINK STACK, each 4.5x2.5x1 with TC-3 transistor; 3 lbs. Used, \$2.00

#2T34513, 3x4.5x1.3 for two TO-36, \$1.25 ea

#WE-H1D HEATSINK w/diode approx 100 piv 25amp; 5x3x1.3, 1 lb. USED, \$2.50

#3D528-3 HEATSINK, 5x3x1.6; drilled for 3 large stud rectifiers (1" dia recesses), \$2.00

#THS-88, 2.5x3x1 finned area and 2.1x1.5" flange for TO-3, \$8.85



DC Fans

Mini BOXER 12 VDC FAN, 0.13 amp; 3.6" sq X 1". #3610NL, NEW, \$10.00

PANAFLO MINIATURE 12 VDC FAN 2.3" sq. #FBP-068-12L, NEW, \$7.95



PAPST #3214F 18 VDC 2 w / 30 VDC 3 W FAN 9-blades; 3.5" sq X 1" deep. NEW, \$9.



CENTAUR 24 VDC AXIAL FAN, 11 watts but operates well at 12 VDC. 4.7"sqx1.5" D metal frame with 5-blade plastic fan; 2 lbs sh. #CNDC24K4-601, Unused, \$8.95

PAPST 24 VDC FAN, 5 watts. 4.7" sq x 1.2" deep plastic frame with 5 blades. #4314, Unused, \$6.95

Hupp Vehicle Fan

12 VDC HUPP FAN with oscillating grill designed for use in cars, trucks, buses, RV's, etc where "extra" air movement is desired. Plugs into vehicle cigarette lighter and mounts on dashboard or other flat surface. White plastic enclosure has black grill and pivots on mount to adjust angle. Includes 4 ft cord and brackets. 5 x 9 x 3.4, 4 lbs. #HUPP-200-14, NEW, \$12.00; 3 for \$30



AC Fans

#TA300 3.1" sq X 1.6"D 7-blade mini-fan in metal housing; 115 VAC 50/60 Hz, 2 lb Used, \$8.95



5-BLADE COOLING FAN removed from military power supply; 4.3" dia rotation. 115 VAC 3300 RPM; with capacitor. 2.8"D. #FAN-2054, Used, \$3.50

5-BLADE COOLING FAN, 4.6" dia rotation; no enclosure. Mounting bracket hole centers 5.9" apart. 115 VAC 60 Hz. 2 lbs shipping. Airtrol #11-2100, NEW, \$4.95

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AXIAL FANS, 4.7" sq X 1.5" thick; 115 V 60 Hz. Removed from used equipment:

5-BLADE in metal frame; 18 W. Various mfg. \$8.95

5-BLADE as above except .26 amp & unused, \$13

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6" DIA AXIAL FAN 115 V 60 Hz 200 CFM; 5-blade in 6x6.8x1.5 metal frame; 3 lbs. USED, \$7.95

5-BLADE FAN, 6.8" dia mounted in 9.5x 11.3 aluminum frame with 8x8 removable filter. Motor 105/ 125 VAC 50/60 Hz 1/40 HP 3350 RPM; requires 4 mf 330 VAC capacitor (not supplied). 5.3"D behind panel, 10 lbs. #B201/MD141, USED, \$9.95



ROTRON TARZAN FAN, 6.8" square X 4" D plastic frame fan moves 340 CFM of air from 115 V 50-60 Hz 85 watt input; 5 lbs shipping. #TN3A2, Used-clean, \$19.95

6 Fan Panel

17.3"W X 10.5" panel frame has six high output Torin TA450S (or =) 4.6" square 5-blade metal-framed fans. Each fan rated 65 CFM and requires 115 VAC 50-60 Hz 0.11 amps; 12 lbs #6F-PNL, used-excellent, \$39.50



Blowers



Approximately 50 CFM Blower by Ripley Company #4599, Inc. Rated for 120VAC 60Hz 600ma. Outlet is 1 7/8" x 1 5/8". Overall blower size 4.4x4.5x4.9, 5 lbs sh. Unused, \$15.00

DUAL 220 VAC BLOWER 1/8 HP 3450 RPM; about 450 CFM.

Removable frame; 6.5x29x7.5, 40 lbs. #URC683-KP, used, \$15.00



FAN-TYPE BLOWER, 115 V 60 Hz 20 watts; 4" plastic fan blades. Open frame low noise motor in metal casement-type frame. Approximately 100 CFM. 13x5x2, 5 lbs shipping. Howard #1075-3102, Used, \$4.50

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AC Motors



BODINE AC GEARHEAD MOTOR 200 RPM 1/7 HP 35 in/lb torque, counter-clockwise rotation; 115 VAC 60 Hz input. Shaft

1.3"Lx 5/8" dia w/ 3/16" square key. O/a 8.5"Lx5.6" dia; 14 lbs sh. #ECCI-35E200, used, \$28.95

240 RPM 115 V 60 Hz GEAR MOTOR for intermittent use; starts @ 32 V approx 200 RPM. Increased volts increases torque.



Gearhead extends 2.8" beyond motor; 1.1"Lx1/4" dia shaft. Motor 2.8x2.8x2.4 + 5/8"x3/16" dia shaft for fan on rear, 3 lbs sh. #MOL-2460, unused, \$5.95

GENERAL ELECTRIC REVERSIBLE FAN MOTOR, ball-bearing 115 VAC 60 Hz 1 amp 225 RPM motor. Use with fan blades unless cooled by other means. Has mount flanges and 5 mf capacitor; 4.5"Lx5.5" dia + 1.5"Lx5/8" dia hollow shaft, 11 lb



#5KCP39EGH210, new, \$12.00; 2 / \$20.00

PRINTER MOTOR ASSEMBLY, 24 VAC 60 Hz geared to about 4 RPM; can be wired for clockwise or CCW rotation. 2.8x2.5" dia motor on 3.8" sq metal plate; 2#. #MIZ-M0375R, used, \$3.95; 3 for \$10.00



GM-4 MOTOR ASSEMBLY, geared motor in frame with shaft between 3.5" dia sprockets, 3.5" apart. Motor rated 24 V 400 Hz but can operate from 24 V 60 Hz @ 20 RPM

when used with 4 mf capacitor. Higher capacitance increases speed & torque. Stainless steel frame is removable; 7.3x5.3x2.8, 10 lbs sh. #GM4-AM-MO, used, \$9.95

Ametek Shop Vac Motor. This is the very high speed motor used in some shop vacuums. Unit as pictured, motor only with small cooling blades. Shaft approx .5 inch long, 5/16 diameter. 5.3x4.6x4.6, 5 lbs sh. #17749-00, Unused, \$12.95; 3 for \$30.00



115 V AC-DC MOTOR, starts at 25 VDC, runs CW approx 7000 RPM 1/8 HP. 2.3x3x4.5 + 1.5"Lx0.4" dia spiraled shaft; 3 lbs sh. #AC-DC-H02, \$3.00



208VAC 50/60Hz 3 Phase 3400RPM 440ma Blower Motor by Rotron. Has 3/8" diameter x 1 3/4" long shafts on each end. O/A 8x4x3.5, 9 lbs sh. #18935, Used, \$20.00

DC Motors



AUTOROL MODEL 200 TIMING MOTOR, 5.4 VDC 19.9 RPM; draws about 100 MA with good torque. Shaft 3/8"Lx1/8" dia with flat; o/a 2.5":x1.8" dia. 1 lb. #200-266A, NEW, \$4.75

6 to 24VDC Gear Motor Globe #5A2871. Rated at 54 RPM at 24VDC; 23 RPM at 12VDC; and 11 RPM at 6VDC. Originally designed for 24VDC. Removed from the AM-3349 amplifier. 1/4" diameter shaft x 3/8" long. O/A 4.2x2x1.6, 3 lbs sh. Used, \$18.95



PITTMAN 12 TO 24VDC, 34 TO 75 RPM small motor. Draws around 220ma with load. Shaft is 3/16" dia x 11/16"L. o/a 3.7x1.3, 2 lbs sh. #GM8712D223, Unused, \$15.00

DC MOTOR, operates over 10-15 VDC 100 ma 2375-2425 RPM with governor. Shaft 5/16"L x 1/16" dia; o/a 2.9 x 1.1. #AST-GK26 \$8.00



MULTI-SPEED 24 VDC PM MOTOR can be wired for 11500 RPM 0.012 HP 0.7 amp or 3000 RPM 0.033 HP 2.3 amp operation; motor starts to turn at 9 VDC and is reversible. 6"x2.3" dia with 3.6" dia collar; geared shaft 0.6x0.4" dia. 3 lbs. SPERRY #2960031, used, \$8.95

GLOBE 27 VDC MINI-PM MOTOR, p/o Collins 618T P-A; splined shaft 1/4"L x 1/8" dia; o/a 1.7"Lx0.9" dia. #41A205, used, \$7.50



GLOBE 27 VDC 1/100 HP MOTORS, 2.5"IX1.3" DIA #C-25A686, 11000 RPM, p/o ARC-45, used, \$7.95

160 RPM DRIVE UNIT w/ clutch has Globe C-25A512 27 VDC 15000 RPM motor and clutch assembly. Motor operates with good torque over 5 to 27 VDC. 160 RPM output on 3/16" dia x 1/2" lg shaft. O/A 3 1/4x 4 1/4x 3 1/2, 3 lbs. #160DRV/618 used \$8.95

JOHN OSTER TYPE C2BP1A SERIES MOTOR, 27 VDC 1/100 HP 7000 RPM. 3"Lx2" dia + 1"L x 1/4" dia shaft; 2 lbs sh. UNUSED, \$3.95



27.5 VDC REVERSIBLE PM GEAR MOTOR, 85 RPM no load speed, 1/4 duty cycle; estimated 75 RPM 100 oz/in torque when under load. Shaft 1/2"L x 5/16" dia with ear. O/a 4x1.3x1.3, 1 lb. GLOBE #5A1231, used, \$14.95

NORTHFIELD ELECTRIC or HAMILTON BEACH, 28.5VDC, 2800 RPM motor. 3.1 amp with 1/40 HP. 1/4" dia shaft with removeable gear x 1/2" long. o/a 4" x 2.3", 3 lbs sh., #1-1501, Used, \$9.95 As above but 1/33HP, 3000RPM, 2.5A, #AWC-1000 \$10



15 DEGREE STEPPER MOTOR from printer; requires +9 to +40 VDC. High speed & performance w/ driver circuit info. 1x1.3" dia shaft; o/a 5.8"x1.6" dia, 2 lbs sh. #RBM-2-62, 2 ohm field, \$12.50 #RBM-4-62, 4 ohm \$15.00 #RBM-6-62, 5.8 ohm \$17.00

15 degree 4-PHASE VR STEP SERVO, 5 ohms 1.5 A; 28 VDC input pulse 3/4x 1/4" dia shaft; o/a 3x3 1/4x3, 2 lbs. sh. Made in Canada; removed from equipment. #20M34C1, \$10.00



HONEYWELL 90VDC, 1800 RPM motor. 9 amps at 1 HP. 5/8" dia shaft on each end. One side is 2 3/4" long with the other 3/4" long. o/a 15.8x6.4x6.9, 30 lbs sh., #SR3644-2509-7-56BC, Used, \$125.00

MAGNETEK VARIABLE SPEED 3/4 HP DC MOTOR. 90 VDC 10 Amps 3450 RPM. Rated for CCW rotation comm end. 11.3 x 4.9 dia. 22 lb sh. #22254200, Unused, \$150.00



Selsyns & Synchros

1HCT-MKII CONTROL TRANSFORMER 90/55 V 60 Hz; 3.6"Lx2" dia. 2 lbs. sh. USED, \$20.00

23CT6 TRANSFORMER 90/1V / degree 60 Hz, \$12.

23TR4 RECEIVER, 115 VAC 400Hz, used \$10.00



2J1H1 SELSYN DIFFERENTIAL GENERATOR operates @ 57.5/57.5 V 400 Hz or @ 26 V 60 Hz. 4.3"Lx2.3" dia, 1 lb. USED-less connector caps, \$7.00

TACHOMETER GENERATOR, motor 265 V 400 Hz 2 phase: generator 18 V 400 Hz 0.3V/1000 RPM. No load speed 10000 RPM. 2 1/8"Lx1" dia 3/16"Lx1/8" dia shaft. #TACH-SEL-MOD, \$7.95



PHASE SHIFTER, unsymmetrical resolver; rotor 1 phase 5 V 30 Hz. stator 2 phase 5 V 30 Hz. 1.4" dia x 2"L. #PS-17-E-1, used, \$10.00

AY-1 AUTOSYN as used in I-81/ I-82 indicators; 2 lbs sh. \$7.50

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UNITED STATES NAVY SYNCHROS, Description and Operation, a copy of Publication #OP 1303 printed April 1958; 100 + page primer about selsyn/synchro theory and types. \$12.50

Compass Indicators



3" DIA 0-360 deg-ree RADIO COMPASS INDICATOR, adaptable for wind direction & antenna position use; 5 degree increments, 2 lbs shipping. #I-81, used, \$13.00

BENDIX IN-4D LEFT-RIGHT INDICATOR, 3" dia WW-2 vintage instrument shows wing-tip position relative to ground; requires 24 VDC. 2 lbs. \$15.00



SPERRY MARINE INDICATOR MARK XX MOD.2, part of ship-board gyrocompass repeater. Has 8" dia 360 degree scale in 1" increments under glass; uses two Size-5 115 VAC 60 Hz selsyn transmitters. One drives inner directional indicator; second outer degree scale. With 7 ft cable & special connector; 10" dia X 8.5"D; 45 lbs sh. UNUSED, \$185.00



R-C Networks



R-C Network - 0.47mfd 600VAC, 220 ohm 7 watt, 3 phase. Made by R-K Electronics. 1.5x4.7x3, #RCY6A-30, \$12.00

R-C Network - 2mfd 600VAC, 100 ohm 3 watt. Made by Electrocube #RG1676-7, 1.3x2.9x1.3, \$9.95

R-C Network - 0.5mfd 600VAC, 220 ohm 1/2 watt. Made by Electrocube #RG1676-35, 1.3x2.9x1.3, \$9.75



EMAIL US YOUR INQUIRIES AT FAIRRADIO@FAIRRADIO.COM

HV Capacitors

Energy Storage Capacitors Non-PCB,



88MF 1.2KVDC,
10"Hx4.5"Wx3.5"D,
Used, \$17.50

5MF 1KVDC, 6"H x
2.75"W x 1.5"D, 3 lbs sh.
Unused, \$7.50

Aerovox JX FILTER 0.1
MFD 3500V C-D mfg \$2.50

RF Capacitors



CENTRALAB 850-TYPE
"doorknob" capacitors,
0.5"H x 0.8" di; USED, \$6

SPECIFY:

10, 25, 28, 40, 50, 63, 67, 75 pf (7.5 KV)
80, 100 pf (5 KV)

1200 pf 5KV from Cera-mite, epoxy
make, same size as above. \$6.00

TYPE 858: 1000 pf 5 KV, \$8.00

TYPE 857: 15 KV, 40 or 50 pf \$10.00

33pf 15KV from HEC type HT57, same
size and style as Cent. 857, \$10.00

120pf 7.5KV low profile doorknob, 1.6"
diameter x 0.6 height, #AAH42, \$6.00

25pf 5KV from HEC type MT53, axial
leads, Unused, \$5.00

Brown Mica

JAN CM-size 1.8" x 1.6".
USED, \$1.25:

MFD	WVDC	CM
.02	600	55
.033	600	55
.005	1200	55

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CM55 .0003 1200 \$2.50

CM60 .0003 2500 \$3.25

CM65 .0062 2500 \$3.50

.01 2500 \$4.00

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F1L-size MICA, 2.8x1.5x1:

0.006 mf 2500 WVDC, \$4.00

0.0001 mf 3000 WVDC, \$4.00

0.0007 mf 3000 WVDC, \$4.00

F3L 0.007 mf 500 VAC, \$7.50

Transmitting Mica

G-SERIES TRANSMITTING
CAPACITORS, used-good
or unused as available.

G-1-type, 2.3"H x 2.8" dia; 3 lb \$7.50

KV	MFD	KV	MFD
1.0	0.04	6.0	0.0002
1.5	0.08	6.0	0.00024
1.5	0.039		

G2, 3.5"Hx3" dia, \$12.00

2.0 0.03 20.0 0.00005

G3, 4"H x 5" dia, \$18.00

2.5 0.15 10.0 0.00015

G4, 5.5"Hx 5" dia. 8 lbs. \$32.00

4.0 0.084

Electrolytic Axial

All the Electrolytic Capacitors listed
below are axial lead and are new.



MFD	Volts	Price	4-9 pcs	10&up
6800	16	2/\$0.70	\$0.25	\$0.23
1000	35	3/\$1.00	\$0.32	\$0.30
4.7	50	3/\$1.00	\$0.32	\$0.30
10	50	2/\$1.00	\$0.47	\$0.44
22	50	2/\$1.00	\$0.47	\$0.44
33	50	2/\$1.00	\$0.47	\$0.44
47	50	2/\$1.00	\$0.47	\$0.44
1500	63	2/\$1.20	\$0.55	\$0.50
250	150	\$2.25	\$1.95	\$1.60
10	160	\$0.99	\$0.92	\$0.84
47	160	\$1.95	\$1.75	\$1.50
100	160	\$2.10	\$1.90	\$1.70
220	160	\$2.50	\$2.25	\$1.95
1	200	2/\$1.20	\$0.55	\$0.50
220	250	\$4.95	\$4.75	\$4.50
1	300	2/\$1.50	\$0.70	\$0.65
100	350	\$3.50	\$3.25	\$3.00
10	450	\$1.50	\$1.30	\$1.10
22	450	\$2.70	\$2.50	\$2.30
47	450	\$2.95	\$2.75	\$2.50
100	450	\$5.25	\$4.95	\$4.50

100 mf 16 V PC Mount, 4/\$1.

Metalized Polyester

All the Metalized Polyester Tubular
Capacitors listed below are new.



MFD	Volts	Price	4-9 pcs	10&up
.001	630	2/\$1.50	\$0.69	\$0.59
.0022	630	2/\$1.50	\$0.69	\$0.59
.0033	630	2/\$1.50	\$0.69	\$0.59
.0047	630	2/\$1.50	\$0.69	\$0.59
.01	630	2/\$1.70	\$0.79	\$0.69
.022	630	2/\$1.70	\$0.79	\$0.69
.033	630	2/\$1.70	\$0.79	\$0.69
.047	630	2/\$1.70	\$0.79	\$0.69
.1	630	\$1.25	\$1.15	\$1.05
.22	630	\$1.25	\$1.15	\$1.05
.47	630	\$1.25	\$1.15	\$1.05
.68	630	\$1.95	\$1.80	\$1.60

Orange Coating

All the Xicon Polypropylene (Orange
Coating type) Capacitors listed below
are in new condition.



MFD	Volts	Price	4-9 pcs	10&up
.001	630	2/\$1.00	\$0.45	\$0.39
.0022	630	2/\$1.00	\$0.45	\$0.39
.0047	630	2/\$1.00	\$0.45	\$0.39
.01	630	2/\$1.00	\$0.45	\$0.39
.022	630	2/\$1.00	\$0.45	\$0.39
.047	630	2/\$1.50	\$0.69	\$0.59
.1	630	2/\$1.50	\$0.69	\$0.59
.22	630	\$1.00	\$0.95	\$0.85
.47	630	\$1.95	\$1.75	\$1.50

0.33 mf 100 V orange drop, 2/\$1.

0.1 mf 200 V orange drop, 2/\$1.

Miscellaneous Capacitors

2500 mf 3 V Can Type 3.5x1 6/\$1.

10 mf 30 V axial tant 3/\$1.

4.7 mf 35 V drop tant 3/\$1.

0.1 mf 400V case ground, \$2.

3.3 mf 400V metalized poly propylene, \$2

FEED- THRU SUPPRESSION CAPS,

ERIE 1202 1KV
used:1000 pf 3 / \$2.25; 7000 pf 2 / \$2.

Multi-Section Caps

The Multi-Section Capacitors listed
below are unused by various mfg. To
see a further listing of multi-section
caps go to fairradio.com/multis.htm

MFD	Volts	Size	Price
300-100-80	150-150-150	2.5X1.3	\$6.75
80-100-30-10	175-400-400-150	3.8x1.5	\$7
75-75	300-300	2.5X1.3	\$7.25
60-40-40	350-350-350	2.7x1.3	\$7.50
40-30-10-50	400-350-300-25	2.5x1.3	\$7
30-20-160-40	450-450-250-150	3x1.3	\$7

Computer Grade

MFD	Volts	Size	Price
23000	7	5.5x1.5	\$6.60
28000	15	4.5x2	1.50
40000	20	4.25x2.5	1.75
19000	40	4.5x2.5	2.50
4900	50	3.5x1.5	2.00
3500	55	4x3	1.50
14000	75	6x3	4.25
1250	180	4.5x2.5	2.00
1500	350	4.5x2.5	20.00

Buy 5 or more one type - take 20% off

CLAMP for computer grades:

2.0" dia, 3 / \$2.00 2.5", 3 / \$2.25

AC Capacitors

5 mf 220 V 1.8" dia x 4.5; cylind.	\$2.00
7.5 mf 260 V, 2.8x2x1.3,	\$2.00
3.5 mf 330 V 1.3x2.1x2.1;	\$2.50
15 mf 330 V, 2.2x2.9x4;	\$3.50
20 mf 330 V, 2.8x5x1.8; 3	\$4.00
21 mf 345 V, 3.7x1.8; twin lead	\$4.00
2.5 mf 360 V 1.2x2x2.6;	\$3.00
3 mf 370 V 1.3x2x2.7;	\$3.00
5 mf 370 V 1.3x2x2.7;	\$3.25
10 mf 370 V, 2.8x3x1.8; 2	\$3.75
4 mf 380 V 1.3x2x4;	\$3.50
35 mf 440 V 9x3.5x1.8; 4	\$7.00
7.5 mf 480 V 1.6x2.6x4.6;	\$4.00
21 mf 525 V 1.9x3.5x6.7;	\$7.00
10 mf 550 V 1.9x3.5x5;	\$5.00
6 mf 600 V 1.6x2.6x4.8;	\$5.00
18 mf 600 V 2.8x4.6x4;	\$7.00
27 mf 700 V, 9.3x4.3x2.7, 8 lb	\$7.50
5 mf 1000 V pk 2.8x6x2	\$3.50

MOTOR-START CAPACITOR 43
mfd 330 VAC plastic enclosed
electrolytic; 4.4x2" dia, 1 lb.
#MSP-77725, \$2.25

IGBT Capacitor

Offers protection against
voltage transients in low to
medium current IGBT applica-
tions where high dV/dt is
encountered. 2 MFD at 1000
VDC. 26.2 ARMS (55 degree
C). 400dV/dt (volts per
micro second). High peak and RMS cur-
rent capability. Mounts directly to the
IGBT module. Low inductance - less
than 20nHy. Low loss polypropylene
dielectric. Self healing. Flame resistant
case and resin. 1.5"W x 2.05"L x 1.5"H,
#SCD205K102D3-24, Unused, \$5.00



Air Variable



5 Gang Air Variable
Capacitor covering
20 to 425pf per
gang with a .02" air
gap. Has a 3/8"

diameter shaft x 1/4" long. Overall
6.4x3.2x2.8, 4 lbs sh. #5G-425, \$16.00

Same ratings as
above except has a
removeable right
angle drive which
accepts a MC-124 tun-
ing spline. Also has a longer shaft.
With the right angle drive removed the
shaft is 3/8" diameter with 1" length.
#5G-425-GR, \$17.00



SINGLE GANG 8-26 pf
0.06" air gap; 2.8" disc
removes for 0.5"L x 1/4"
dia shaft. W/ four 1.8"H
insulators. Capacitor
1.5x2.8x3.1 o/a

#T7660443-8, used, \$6

Mini-Variable, 10-220 pf w/ 0.5"L x
3/16" dia shaft; o/a 1x1.3x1.1.
#1800-07, \$3.50

BC-624 RECEIVER RF
TUNER for 100-156 MHz
AM; with variable capaci-
tors, coils, etc. P/o SCR-
522 5x5x5, 7 lbs sh.
#2ZK11150, used, \$6



Receiver -Type Variable Capacitors,
multi-section with 500V or less spacing.

3-GANG, 35-540 PF per gang;
500 V-peak. Shaft 3/4"L 1/4"
dia; o/a 4x1.8 x1.6, 1 lb
#ASP-074-048 new \$10

3-GANG, 25-440 PF per gang; 500 V-
peak. Shaft 3/4"L 1/4" dia; 3.5 x
1.6 x 1.3, 1 lb #ASP-440, Unused, \$10

Sub-mini Piston Trimmer Cap 1.5-4.0pf
500V. By JMC #7666 Unused, \$5.00

--TRIMMER CAPACITORS--
with screwdrive adjust shafts:

#C2-8, 2-8pf, NPO	2 / \$1.00
#C653/R174, 2-11pf,	2 / \$1.00
#C2-16, 2-15.7pf,	3 / \$2.00
#C103/382, 4-23pf,	3 / \$2.25
#C5-25, 5-25pf, NPO	3 / \$2.50

Vacuum Capacitors

100 to 4000pf at
10KV Vacuum
Variable
Capacitor by
Jennings. 17.5" long x 8.2" diameter
with a 1/2" diameter shaft. 37 lbs sh.
#CVEC-4000-10, Unused, \$650.00



#CVA-7-5, 3.5-7 pf 35 KV 4.3"Lx3" dia,
5 lbs sh. UNUSED, \$55.00

FIXED VACUUM CAPACITORS
various mfg; used:

CY-3-25, 3 pf 25 KV cer. ; 3.3"Lx0.8" \$12
JCS-2A-10, 25 pf 10 KV, 2.6Lx1.5 \$15
VC-12-20, 12 pf 20KV; 6.5Lx2.8 \$14
CFEA-150-7 150 pf 20 kv; 3.3Lx2.3 \$75

PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

Resistors

5/10 W, 4 / \$1.00: 20/25W 3 / \$1.00
 5 WATT: ohms 10, 100, 350, 500,
 5K, 7.5K, 15K

10 WATT: 0.33, 2, 10, 1K,
 2K, 3.5K

20 WATT: 630, 2K

25 WATT: 0.33, 1K

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0.5 OHM 30 WATT, 3 / \$2.00
 1.67 OHM 35 WATT, flat, 3 / \$2.00
 2.5 OHM 50 WATT, \$1.00
 10 OHM 31 W, Dale 5%, 2 / \$1.00
 15 OHM 95 W, Dale 5%, \$1.00
 22 OHM 53 W, Dale 5%, 3 / \$2.50
 25 OHM 50 WATT, 3 / \$2.00
 1600 OHM 43 WATT, 3 / \$2.00
 2000 OHM 43 WATT, 3 / \$2.00
 3000 OHM 68 WATT, \$1.00
 4000 OHM 50 WATT, 3 / \$2.50
 40M OHM 2.5"L x .6" dia \$5
 80M OHM 6.5"L x .6" dia. \$7

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OHM	WATT	L x Dia	PRICE
750	100	6.5"x1.3"	\$1.25

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FERRULE CLIP-ON MOUNT:
 2.5M 2.5 5.4"x1.4" \$2.50
 800 90 7.5"L x1" \$1.50
 11 140 11.5"x1.2" \$2.00
 82 203 11.5"x1.2" \$2.50

Precision Resistors

DALE (or =)
 POWER RESISTORS
 metal-type:

OHMS	WATT	PRICE
1.96	30 1%	\$2.00
39	15 1%	\$1.00
43	250 3%	\$4.50
50	20 3%	\$1.25
1370	50 1%	\$2.50
1400	120 1%	\$3.50
3000	25 1%	\$1.25

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most +/-1%; 3 / \$1.00
 1.5 ohm 3.0 w +/- 5%
 5 ohm 0.33 watt
 90 ohm 0.50 watt
 600 ohm 0.25 watt
 4K ohm 0.50 watt
 10K ohm 0.50 watt
 58K ohm 0.50 watt
 1.04M ohm 0.33 watt

0.33	3	1%	2 / \$1.00
3000	2	1%	2 / \$1.00
902K	2	1%	3 / \$2.25

Non-Inductive Res.

400 ohm 10% non-inductive resistor.
 Ferrule mount with clips. Removed
 from equipment. Wattage not speci-
 fied. 18" long x 1" diameter. \$12.00

Slide Resistors

with variable slide adjust:
 2 OHM 25 WATT, \$1.00
 4 OHM 25 W + 4 fixed 3 / \$2.25
 16 OHM 225 WATT, \$7.50
 20 OHM 25 WATT, \$1.00
 50 OHM 50 WATT, \$1.35
 50 OHM 160 WATT, \$2.50
 100 OHM 150 WATT, \$2.50
 250 OHM 200 WATT, \$3.00
 500 OHM 160 WATT, \$2.50
 + + + + +
 WARD LEONARD ENCLOSED 40
 OHM 300 W vari-resistor;
 600 V max. Fits 0.5" dia shaft.
 3H x 6.5 #2130-40, \$14.00
 + + + + +
 DALE 70 WATT 5%
 6- RESISTOR
 BANK, two ea 4 & 7
 ohm. one ea 6 & 8
 ohm; 6"Lx 3" H. #R6X70W, \$4.50
 + + + + +
 PRECISION RESISTORS
 KIT, 25 assorted. 
 Carbon or wire- wound 1%
 \$1.50 per kit

Rheostats

First set of numbers after
 RHEO-prefix is wattage;
 your choice of ohms is sec-
 ond set. SCD= screwdriver
 adjust type. Style varies;
 USED or UNUSED:

#RHEO-25W (ohms), \$1.50 ea
 6-scd, 7, 35-scd, 60-scd, 75,
 200-scd, 350, 400, 500, 600 scd,
 800, 1500, 20K
 DUALS \$2.75: 100/500

#RHEO-50W (ohms), \$2.25 ea
 0.5, 5, 8, 16, 30, 200,
 225, 300, 375
 DUALS, \$4.00 ea: 16, 35

DUAL 50/25 W 800/500, \$4.00

#RHEO-150W 2 ohm \$3.50
 -150W 15 \$5.00

#RHEO-225W- 3 ohm, \$4.00

#RHEO-300W- 50, 3 lbs \$8.00

Potentiometers


ALPS or = with switch; 5/8" dia + term.
 Shaft 1/4" dia:
 10K, 50K or 100K, \$1.00 ea


10-TURN PRECISION POTS,
 1/4" dia shafts:
 #A-R100-L25, 100 ohm
 2.8"Hx1.8"dia. \$6.95 

ALPS 10K ohm potentiometer
 with a pull on / push off DPST
 switch. 1/4" diameter shaft.
 Probably good up to 1/2 watt.
 Used, #N-800, \$3.95; 3 / \$10

Cases & Enclosures

Black Aluminum Slope
 Front Enclosure. Top
 of slope stands 3 1/4"
 and the base of the
 slope is 1 3/8" tall. 4 7/8" deep x 8 1/4"
 wide. 3 lbs sh. Unused, #ENC-SLP, \$7

 ALUMINUM ENCLOSURE
 with black crinkle finish.
 Removeable front face
 with handle. Has a
 multi-pin connector along with 4 small
 pin jacks on front face. 8"Dx5.8"Wx
 4.3"H, 5lbs #ENC-CU865, used, \$10.00

 STEEL ENCLOSURE
 with metal feet and hasp
 fasteners. 6.5"Hx9.3"W
 x5.5"D; 5 lbs sh. USED.
 #ENC-RM-39, \$3 ea; 2/\$5.00

 BZ-277A/G
 Project Box /
 Modem. This nice
 box is actually an
 old modem, but it
 has a nice power

supply 5v, +12v, -12v. Also has 12 insu-
 lated military style push type connec-
 tion terminals, 6 red/6 black. UTC
 audio transformers MTC-076 600 ohm
 70 ma dc unbal to 600 ohms. +/- .75 db
 300 - 4khz, 14.7x10.9x3.9, 10 lbs sh.
 Excellent condition, \$15.00

INSTRUMENT CABINET for HP- test
 set; adapt to other
 uses. 7.6"H x
 19"Wx9"D + 4"D
 cover less 1" over-
 lap; three 6"Hx5"W
 compartments; w/fasteners & strap; 17
 lbs sh. #CS-HP3550, used, \$27

Original electronics removed making
 these "ripe" for your projects! Black
 aluminum with handles; no chassis.

#IFPC-ENC, 0.1" thick
 front panel has 2x24
 2.3"H ventilating slots;
 rear has four 3"dia holes
 for fans.
 7.8"hx12.8"wx12.8"d, 11 lb \$19.95



Ideal enclosures for your next project!
 All items below are black aluminum
 chassis with dark grey front panels.
 The top and bottom of each of the units
 are heatsinked with 1/10" fins. The
 overall dimension of each unit is 9 5/8"
 deep x 5" tall. All enclosures have mul-
 tiple 1/4" diameter holes on the front
 plate. They differ according to width.
 Used excellent.

1 15/16" Wide, 3 lbs sh, #ENC-4-2, \$9.50
 4 1/8" Wide, 4 lbs sh, #ENC-10-4, \$12.95
 5 9/16" Wide, 5 lbs sh, #ENC-8-6, \$14.95


Low profile cast alu-
 minum enclosure.
 Removeable top. Has
 some small holes.
 5.8x2.5x1.6, 2 lbs sh. #LP-1 used, \$4.95

Large Cases


 LARGE ALUMINUM
 TRANSIT CASE with
 rounded corners, hasp
 fasteners & carrying
 handles;
 20.8"Hx28"Wx17"D
 including 6"H top. Spot welded com-
 partments + 2 nesting trays; 66 lbs.
 #CY-3700/PRC-47, used, \$28.00

 FIBERBOARD CASE
 with reinforced steel
 corners; black vinyl cov-
 ered. Hinged with two
 twist-locking hasp fast-
 ners. Foam lined 12.x12.5x11 large
 compartment plus 3 smaller ones; o/a
 18.5x 18.5 x17.5"H, 20 lbs sh.
 #CS-FIB1818, used, \$17.50


 CS-695 Fiberglass
 Case with hasp and
 fasteners, two carrying
 handles, and breather
 valve. Overall dimen-
 sions 18.3"D x 18"W x
 14.5"H, 23 lbs sh.
 Excellent quality and condition, \$29.95

 ALUMINUM CASE
 with hasp fasteners
 not hinged. Easily
 removeable springs
 inside. Overall dimen-
 sions: 8.7"Dx 20.5"W
 x18"H, 22 lb Unused, #TA-219 \$24.00


Rack Cabinets

 Standard 19"
 Aluminum
 Rack Cabinet, op-
 ening for height
 and 12" for
 depth. Not
 enough depth
 for R-390A or SP-600 radios unless you
 remove the back panel. All panels are
 removable. Cabinet is missing the bot-
 tom panel but does have a chassis
 plate which covers most of the bottom
 leaving just a 3.3" gap. Comes with the
 front panel which has many holes from
 removed phone jacks, meters, etc. Has
 two handles. 21 lbs sh. #RC-19, Used
 good condition, \$49.95

Rackmount Drawer

 Rackmount
 Equipment
 Drawer with
 adjustable
 glides.
 Sturdy steel construction. Off-white
 textured coating surface. Recessed
 handle on front. Mounting hardware
 included. 17" depth x 6" height. 22 lbs
 sh. #ED-17, Unused, \$35.00

Equipment Glides

 Military quality
 for rack mount-
 ing; 2"W x
 16.5"L; chassis
 slides have 19" travel. Load rating
 approximately 100 lbs; 6 lbs sh.
 #GL-1621, used, \$13.00 per pair
 Same as above but 12" long,
 #GL-1221, \$12 per pr

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

Coils



#C-447 coil for BC-610 xmitter 4.5"L x 4.5" dia; 3 lbs sh. UNUSED, \$12.00

#C-389A, 4.5-5.7 MC 3.4", \$8.00

L8 COIL for T-4/FRC 400 W xmitter covering 2-3.5 MC (44 uH) without variometer; 4.5" dia X 6.5"L plus 9 banana jacks on ceramic strip; 3 lbs sh. #199-6262, UNUSED, \$10.00



MO & PA TANK COILS from 10 to 12.5 KHz TU-10 TX tuners.

Ceramic coil 5"Lx2" dia on 7"x3.1" mount bracket; #12 wire, 2 lbs sh. USED: #2684/TU10 MO; 2.4 uH, \$4.25 #2697/TU10 PA; 1.35 uH, \$4.00

RF MASTER OSC COILS: #T53/6032, pull out of T-22 / ARC-5 7-9 MHz xmitter; \$4.00



#L101/ART13, ceramic 2" H x 1.6" diameter base. \$4.00

TELEPHONE PICK UP COIL p/o modem coupler; no info. 5/8x1.8" dia. #403-4, \$1.00

+++++

FERRITE CORE INDUCTORS PC mount; 7/8x 3/4" dia. #NV243, 123-177 mH, \$1.50



Small Inductor, 1.5 mH, 1 ADC, 5V, 12KHz, .5 ohm DCR, PC mount. #80063, \$1.95; 3 / \$5.

Coil Forms

Small Ceramic Coil Form #CF-5, consists of 35 grooves in a 1.7" space. o/a 3.1"Hx1.1"dia \$2.50



Small Ceramic Coil Form #CF-1, consists of 10 grooves in a 0.5" space. o/a 1.7"Hx1"dia \$2.00

3 pin Plastic Coil Form #CF-3, which fits BC-611. o/a 0.9" dia. x 1.9"H, 2/\$1.00



IND-K1 Coil Form Assortment has: porcelain inductor core 1 7/8" tall 1 1/8" base has 4 mounting holes. The winding core has 41 grooves for wire 10 holes on flat edge. 3 small porcelain cores with 3 wire grooves. The base has a 6/32 threaded hole. \$2.75

Ribbon Inductors



Ribbon Inductor with motor drive; two 5.4"L x 3.4" dia coils with 288" of drawn silver ribbon (0.125"Wx0.01" Th) wound between; approx 28 uH. Ribbon transferred from coil to coil by 28 VDC motor. P/o Collins 180L3 antenna tuner. O/a 9.3x 5.8x5.8, 10 lbs #L40/180L, used, \$19.95

VARIABLE RIBBON INDUCTOR, p/o T-195 2-20 Mhz 100 W xmitter. Two 4.6"L x 2.8" dia drums (one slug core) with 3/16"W silvered-ribbon; 30 turn 4" L coil for 7 to 61 uH. 26 VDC motor rotates drums transferring ribbon from one drum to the other. O/a 8.3x5.6x6.3; 10 lbs sh. #L1101/T-195, USED, \$22.50



Roller Inductors



ROLLER INDUCTOR ASSEMBLY with 115 VAC 400 Hz motor drive, 3.4" lg x 1.75 dia coil; 28 turns #18 wire

approx 14 uH with center tap. Designed to resonate antenna to a transceiver's frequency. 4.5x2.8x3.8 5 lb used #T301/CU-991, \$7.50

Assembly from AM3349/ GRC-106, includes L1

0.5 to 40 uH variable inductor, L2 37 uH fixed inductor, C27 15-355 pf air capacitor, 26/ 1000 pf feed -thru caps, S1 2-deck 5-position ceramic switch and two Globe or = 24 VDC motors. LESS C26 vacuum cap. Cutting of plastic supports required for parts recovery. (See April 98 73 Magazine for project.) 5.5 x 9.5 x 5.5, 10 lb #AL-AM3349-96, used \$29.50



PLATE ROLLER INDUCTOR 26 turns #16 silver plated wire 3.7"L x 2" dia coil; 14.5 uH max. 115 VAC 400 HZ motor and



20K ohm multi-turn pot; will run on 26 V 60 Hz. Can be adapted to direct-drive. O/a 6.8x4x5, 3 lb #L13/ARC-58, used \$27.95

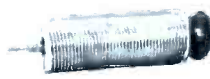
L5 ROLLER INDUCTOR, 26 turns #18 silvered wire 2"Lx1.1" dia coil; 8.4 uH max. 115 V 400 Hz motor drive like above; runs on 26V 60 hz. Adaptable to direct drive.

O/a 6x3x4.75, 3 lb #L5/ARC-58, \$12



ROLLER INDUCTOR KITS includes 4.4"L x 1.5" dia ceramic coil with 40 turns #14 silvered-wire, roller wheel, guide shaft & springs. 3/8" dia shafts have removable pinned gear. End support plates not supplied; 3#

#L22-PRC-47, 22 uH, \$16 #L35-PRC47,35 uH w/ part slug core \$15 # L40-PRC47,40 uH w/ full slug core \$15



Standard Relays



OPEN FRAME RELAYS with heavy 10 amp silver contacts; mi-calex insulated. 1.8x2.4x1.8, 1.75 dia coil; 28 turns #18 wire

#22-4383 DPST NO, coil 115 VAC 60 Hz 400 ohms, \$14.

#22-4384, DPDT, coil 6.3vac1 ohm \$16

#1007-BF, = HRX-1, used, \$8.

GE#3SBW1001A2 SPDT 9.6-15.8 VDC relay 206 ohm coil; used in GE mobile transceivers. For solder or socket connections. 1x1x3/4. NEW, \$1.50 each. 24/\$25.00



DPDT 12 VDC 800 ohm coil, 2 Amp cont; socket or solder. #R10-E1-Y2-S800 new \$3.00

P&B KR-4175-1 DPDT PLATE RELAY; sealed metal can, requires octal socket. 2.5x1.5x1.4, unused, \$2.00

OMRON 3PDT RELAY, 24 V DC 650 ohm coil; 2 A contacts. 11-pin plug-in/solder lugs. 1 x 1.5 x 0.8; #OM-MY3 \$2.00

3PST 120 VAC coil, 10 amp 1/4 HP contacts; clear cover, w/socket. P&B KU-4666 \$3.25

4PDT 12 VDC 185 ohm coil, 2 A 29 VDC cont; w/ socket. 1.1x0.7x1.3; #TF154-CC, \$2.



P&B #AKC7DY DPST n.o. 24 VDC coil; contacts 120/240 V 10/15A. Metal cover w/ lugs. 1.5x3x2.3; 1lb. NEW, \$2.95

DUAL DC COIL each 3PST; one 24 V, other 48 V. PC-mt. 2.8x1.5x1.3; #116-2601, \$2.50

115 VAC 60 Hz COIL 25 amp @ 28 VDC/ 115 VAC contacts; solder terminals. 1.8x 3x1.8; #26S20/2054, USED, \$4.00



K3 Relay removed from the T-368. 380 ohms 115VAC 60Hz. High voltage: SP-NC 2500VDC at 500ma. Low voltage: SPDT 500VDC at 10ma. #K3-T368, \$25.00

Open frame relay 24VDC 230 ohm coil. 3PST N.O. 10 amps 120VAC / 5 amps 240VAC. SPST N.O. 1 amp 24VDC #DOUX-2055, \$3.95



4PDT 48VDC 3700 ohm coil; 1x1.5x1.7, MHX4069, \$1.50

DOLLAR DAZE RELAY KIT, five plastic enclosed mixed relays 6, 12, 24 VDC and/or 115 VAC. #DD-56-98, \$2

Sensitive Relays



SENSITIVE RELAY SPDT 6 to 12 VDC 1500 ohms, contact adjust. 2.8x2.2x2.3 1 lb sh. #RM39/1901 used \$1.50

Sealed SENSITIVE RELAY, 50 ohms 28 ma coil; DPDT contacts. Solder hooks; 1x1x2 1/4. #R400-2B-50 \$2.95



ULTRA-SENSITIVE P&B 6 VDC DPDT RELAY, coil 500 ohm res. < 40 mv nom. power. Contacts rated 2 amp @ 28 VDC/120VAC; solder or socket mount. #R10-E1Y2SS500, NEW \$3.50

--- RELAY SOCKETS ---

10-BLADE Relay Socket for track mount of above; pressure screw terminals; 2.8x1.4x2., 1 lb Weidmuller #RS, Unused, \$2.50



P&B 4PDT RELAY SOCKET w/screw terminals, Rated 5 A 300 V max. #27E166, NEW \$3.00

Stepper Relays

ROTARY RELAY, 28 VDC; one wafer, all contacts used. Has shaft w/ 2" arm. 2" x .9" dia. #8002-32 used \$6



LEDEX 28 VDC SOLENOID, 8-position 45 deg stroke. Start torque: 5 lb-in 35 W (15 lb-in holding) cont. duty; 32 lb-in 700 W 1/20 duty. 7S-size 2.8" dia x1.9" W; 1/2x3/8" dia shaft. 4 lbs. #S-8210-025, UNUSED, \$4.95

---- REED RELAYS ----

4-REED RELAY CIRCUIT BOARD, 3 / 500 ohm & one 5K ohm 10-15 VDC relays; also a 26 VDC DPDT sealed relay. #792-312, \$3.00



ELECTROL 5 VDC REED RELAY, low current SPST norm-open contacts; 0.7"x2.5"x0.6". #R4376-2, NEW, \$2.25

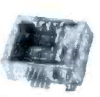
--- SOLID STATE RELAYS ---

by Opto 22. 3-32 VDC Control, 5-60 VDC operating, 2.3 x 1.7 x .9, NEW, #DC60S5, 5 amps \$8.50

#D4D12, by Crydom, 0-400VDC line.12 amps. 3.5-32VDC control. New,\$10.50

--- TIME DELAY RELAY ---

P&B 4PDT 24 VDC 5 amp contacts. Adjusts 1.0-45 sec with 15-turn pot, polarity protect. 1.6 x 1.3 x 0.8, #R12-30-24-X4-EI, NEW \$9.95



CHECK OUT OUR LATEST FEATURE ITEMS AT FAIRRADIO.COM

Vacuum Relays



JENNINGS RB-1H SPDT 26 VDC 270 ohm coil; 12 KV pk AC/DC 15 amps cont. W/ mount flange; 2.3"Hx1.5" dia, 1 lb USED, \$59.50

#RJ1A-26S, SPDT 335 ohm; 3.6 KV pk 18 A AC/DC. Max-open/release: 6 ms. 1.3"Hx0.8" dia, used less hardware, \$45.



SPDT 8 amps at 2KV #RF1E-26N591 Jennings vacuum relay. 26 vdc, 920 Ohm coil. Mounts in 1/2" hole. 1.6" long. \$25.00

SPDT VACUUM RELAY ASSEMBLY antenna transfer relay p/o Collins 180L3 antenna tuner; coil 28 VDC 38 ohms. O/a 5x6x2.3, 3#. #K712/180L3, used, \$20.00



Vacuum Contactors



JENNINGS SPDT CONTACTOR RELAY, rated 1 KW @ 300 MHz, 3 KV test. Actuator 6 VDC. Has 4-pin Cannon power & three SC coax connections. 3.5x3.2 x4, 2 lbs. #RC47R6153M430, NEW, \$75.

JENNINGS SPST VACUUM CONTACTOR for 3-1/8" (78 mm) dia hardline coaxial hook-up; rated 25 KW @ 30 MHz; 20 KV peak test; actuator 19-29 VDC. 4x8x3.8, 7 lbs. #RC10A5225A24, unused, \$99



JENNINGS SPDT RF CONTACTOR for high power transmit and process equipment. 26.5 VDC actuator switch rated 300 amps @ 2.5 KV peak; pk test 10 KV 60 Hz. Sealed enclosure w/ mount flange; connector not available. 5x 5.3 x9.5, 22 lbs sh. #RF20BLDE812-I, \$150.00



CONTACTOR RELAY, 12 VDC coil & 12 V SPST norm-open contacts; 20 amp. 2x1.8x1.1; 1# #81-2450-1, \$3. 10/\$24.

SIEMANS CONTACTORS, 80 VDC coils, 2 lbs. NEW: #3TH12022 2 NO+2NC; contacts 230/600 V 3/1 amps. Aux contact 10A 240 VAC; 2.8x1.8x1.8. \$6.50



8PST CONTACTOR, rated 660 VAC 6 amps; coil 80 VDC. 3x4.5x1.8, 2#. Schindler #MRG-44E, NEW, \$14.95



24VDC CONTACTOR, SPST n.o. 28 VDC 50 amp contacts; 27 ohm coil. 2.5x2.7x 1.8, 1 lb. #MS24166-D1 \$4.75



INTELLITEC SPST Latching type. 12 VDC 50 AMP contactor designed for use in RV's; flange mt. 3.5x 3.5x2.5; 1 lb #01-00055 \$6.50

Coaxial Devices



SPDT Microwave Switch designed for high performance in microwave systems to 12.4 GHz. Has three TNC connections. Requires 24-30VDC. 3x2.70.9, Jay-EI Products #D2-313B008, used, \$40.00

28VDC RF Coaxial Switch by Wavecom #8020-A0-A1D-4CO. Has three screw-in type SMA connections. used, \$30.00



MINICIRCUITS #PSW-1211 DIODE RF SWITCH w/ 3-SMA connectors. Freq-range 10 to 2500 MHz; insertion loss 1.7-2.7 db, VSWR 1.7 max. Switch speed 4 USEC; 5 VDC control voltage. 2.5x1x2, USED, 19.95

SPDT Coaxial Relay by Amphenol #360-11891-15. 28VDC coil with three BNC connections. Unused, \$60.00



RE-275/AR SPDT Coax Relay, operates over 100-400 MHz, 24-28VDC coil. VSWR better than 1.1; cross-talk better than 60DB. Three BNC connections. 2.5x3.2x1.7, 2lbs sh. Used, \$19.95

Broadband Coaxial Protector by Polyphaser #IS-50NX-C1, has male to female type N connections. Frequency coverage is 50MHz to 700MHz. Maximum Power: VHF 375W; UHF 125W. 1.8x2.5x1.5, Used Excellent, \$25.00 ea.; 5/\$100.00



Attenuators

ELCOM AT-53-10 ATTENUATOR, 10DB w/ SMA conn; Ag-plated, 1.5x0.5" dia. \$10.00

VARIABLE 6-STEP ATTENUATOR, ladder network in 10:1 ratio. Attenuates 0.1 V down to 0.1 uv; 50 ohm impedance. BNC input & output connection; shaft 3/4"Lx 1/4" dia with gear drive. Silver-plated; p/o 0.01 to 50 MHz RF generator. 3.5x4.8x3.5, 4 lb #AT101/URM25, used, \$19.00



ROTARY TURRET 50 OHM COAXIAL ATTENUATORS from Empire NF-105 field intensity meter; to operate pull knob and rotate to next index. Mechanism is spring loaded to engage next attenuator element; 5"Lx3.4" dia, 5 lbs.

#ATTNF105-0-80, 0-20-40-60-80 db with BNC female chassis connectors on 7.5" cables. USED, \$24.95

#ATTNF105-40-90, 40-50-60-70-80-90 db; female BNC chassis & male N conn on 7.5" cable, \$19.95

#ATTNF-105-PR, one of each attenuator, \$39.50

Rotary Switches



DAVEN-TYPE 18-POSITION, continuous turn; 2" dia. Zinc-silver contacts. 1/2x1/4" diameter shaft. #3Z9825-92.2, \$3.00

3 deck 11 position Rotary Switch with multi leaf wiper arms. Bakelite decks. Comes with metal shield. Made by Daven #B1381-51, 1/4" diameter shaft, 5x2.1x2.9, \$15.00



FIVE-DECK ROTARY, each 2-pole 4-position; bakelite. 4x1.6" diameter; shaft 1/2x1/4" dia #SW-RM39, Used, \$1.25

MINI-ROTARY, 1-pole 3-pos. shorting. 1" dia; 1/8" dia shaft. No hardware #LED-M13-S, unused, \$1.50

ROTARY SW, 1.6" dia bakelite #SW-342, 3-deck 4P 2-pos, \$2.00 #SW-233, 2-deck 3P 3-pos, \$2.00

3-Pole 4-Position, #4-pos momentary; 1" dia bakelite. #SW-PRC-10, Unused, \$1.50

TECH-LAB precision, 4 pole 7-position w/ gold-plated contacts; 2-poles 5 amp & two 3 A. Shift 1"Lx1/4" dia; o/a 2.3x2.3 x2.5, 1 lb. #TL-4P7PS Used, \$5.00

ROTARY SWITCH KIT, six types: multideck & contacts, \$2.00



Misc. Switches

MICROSWITCH KIT, five SPST VARIOUS style. \$1.25

C&K KEY-SWITCH for electronic equipment; SPST 4 amp 125 V rated. Two keys; 5/8" dia, 1" depth. #CK-KY-SW, NEW, \$4

ROCKER SWITCHES, 1.6"Wx0.6"Hx 1.3"D; mt flange 1.9"W #0319, SPST, \$39 ea; 3 f/ \$1. #0320, SPDT momentary both sides, \$.65 ea. 2 for \$1.20

ROCKER DIP SWITCHES SPST for PC board use. Can be soldered or fit in socket. Grayhill mfg. NEW #76SB04, 4 sw, \$.65 ea; 6/\$3.00

KLIXON THERMOSTAT SPST 4 amp 250 V. Open @ 170°F +3; 20 differential. 2.6" dia X 0.9"D. #C-2851-5, \$3.00

--- LEVER SWITCHES ---

4PDT one side 2PDT other side, both sides mom. #1155 new \$2.00

TV-2 tube test P1 lever sw; make 2-break 2. USED, \$2.00

RF Switches



HIGH POWER RF SWITCH 2 deck, 4 position, ceramic motorized RF switch with progressive shorting. Requires 12 to 19 VDC input. 7"D x 8.8"W x 12.5" H, 8 lbs sh., used nice condition, #PS-12, \$125.00

6-POSITION CERAMIC RFTAP SWITCH for 100 W xmitter; 2.3x2.3x1.8, 1 lb. #3Z9605, \$3.95; 10 for \$32.

Tap Switches

ELECTRO SWITCH TAP SWITCH, 9 DECK 3 Pole 3-positions: ABEFJ-BCFGJK-CDGHLK per deck. Rated 7.5 amps 125 VAC; 7"L x3.8" #ESI265096 used \$15

#LOV-230, 2-deck 4-pos continuous turn; 120/240 VAC 10/5 A. Shaft 3/16" dia, LESS knob. O/a 3"H. USED, \$2.50

THREE DECK 7-POSITION TAP SWITCH w/ screw terminals; 10 amp shorting contacts. 1.8x2.3x1.1 + 1.3" x 0.3" dia shaft. #ES32303LM, \$3.50

MINIATURE TAP SWITCH, 1 pole 7-position rated 1 amp 1x1/2". \$2.00

Toggle Switches



some single hole mount, some with mount plates; may be used or unused + + + + +

AIRCRAFT-type Toggle, two hole mt: SPDT 5A/125V, #B-9A \$75 (on-off-on)

+ + + + +
INDUSTRIAL-type TOGGLES: SPST 8A/125V, #8817K2 \$35 (above momentary)

SPDT 8A/125V, #ST-42D (on-on) \$35
DPST 10A/125V, #ST50K \$50
DPDT 10A/125V on-on #8824K14 \$.75
DPDT 10A/125V on-on momentary, #ST-52R, \$.60

DPDT 6A/125V on-on; 1" mount barrel, 1/2" dia white ball cap, #T-WB-87, \$.75
DPDT 15A/125V on-off-on by A-H&H #82608-1, used, \$3.00
4PST 15A/125V, #7661K5, \$1.00 + + + + +

LOCK-OUT SWITCH

#8772K13, DPDT on-off-on 40 amp Toggle Switch with lock-out one side. Unused, \$7.00



CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

Mini Switches



Black= Blk. White= wh. NEW:

SPDT on-off-on, wh. toggle (b); Alco #MLD106E, \$.75

SPDT on-on, blk. rocker (c) JBT #MR2-123, \$.65

SPDT on-on, blk push-type Alco #MSP105D, \$.60

SPDT on-on 1-side mom; blk or wh push; CK8168 \$.65

SPST black rocker (not mini) Carling #123, \$.60

SPDT mom push switch; C-NC-NO., C&K 8125, 2/\$1.

DP3T one side mom. (f) toggle; Alco #CST-023TA, 2/\$1.

DPDT on-on slide (h), 6/\$1.

SUB-MINI SLIDE SWITCH, SP 3-pos: #SLS-131PC, 4/\$1.

+++++

Mini-Toggles, 120 VAC 6 A:

SPDT ON-ON, used, \$.60

SPDT On-Off-On, used, \$.75

DPDT On-Off-On, new \$1.25

Push Button

SWITCHCRAFT DW-Type, 9-button Push-on/Push-off;

each section DPDT 3 amps AC; 0.5 A DC 125 V non-inductive. Can use T-1 1/4 size lamp; 1x6.3x1.5. #67097-506, NEW, \$6.50

#67137-506, 13-button Push-on/Push-off; 8.8" W. \$7.50

KLIXON 15 AMP PUSH BUTTON w/2.3" W mount flange; fits 1.4"x0.8"x1.4"D hole. #43A8304, unused, \$1.50

MICROSWITCH ALM-20 push-On/push-Off SPDT switch w/red 5V LED; 0.9" sq x 2"D. #ALM-20-5V, \$2.50

Fuse & Fuseholders

Large Industrial Syle Fuse by Gould-Shawmut Amp-trap Form 600, 175 amp 600 Volt AC-DC. 9.5"Lx1.5"dia Used, \$5.00

GE Type EJO-1, Model 9F60FJD100, Size D, 12" clip spacing, 100E Amp, 4800 V, 15.9"L x 3"dia, 10 lbs sh. unused, \$19.00

3AG 1 amp FUSES, 10/\$1.00; SLO-BLO 3AG 1 amp; 10/\$1.25

LIGHT INDICATOR FUSEHOLDERS for 3AG fuses; 1.6"D

behind panel. O/a 2.9"L; used: #FU-HKX, 22-33 V amber, \$2.00 #FU-HKL, 115 V, clear \$2.50

5AG / AGU In-line Fuseholder, Used, \$2.00

Knobs

Round Knob with Brushed Aluminum Face, 1.1" diameter. Fits 1/4" diameter shaft. #KNRA-1, 4/\$2.00

7/16" dia Round Knob with brushed aluminum face. Push-on type fits 3/16" half round shaft. #KNRA-2, 6/\$2.00

Round Knob. o/a 1.4" diameter. Fits 1/4" diameter shaft. #KNR-5, 5/\$2.00

Rounded Top Knob with decorative ridges. o/a 5/8" dia. Fits 1/4" half round shaft. #KNR-6, 6/\$2.00

Handles

HEAVY DUTY EQUIPMENT HANDLES on 3.7x2.5 steel plate with three 1/4" dia bolt holes; 2 lbs sh.

#HAND-AM20, used, \$3.50 per pair.

Circuit Breakers

AN-3161- style PUSH BUTTON 5 amp breaker, 24-30 VDC; 2x2x0.8. \$1.25 ea

TOGGLE 30 VDC breakers: #AN-3160-5, 5 amps, \$2.75 #8751K5-10, 10 amps, \$3.00

E-T-A BREAKER, small 1.9"H x 0.8 x0.4 250 VAC 0.5 amp; ETA #41-06-P30 unused \$1.95

AIRPAX BUTTON BREAKER rated 250 VAC/50 VDC 2.7 trip amp; 2.4H x 1.4W x 0.6"D. #PR11-1-2.00A-XX-V, \$1.50

HEINEMAN AM12HK-type .5x2.8x2.3 32 VDC 8 A \$2.50 32 VDC 20A \$3.00 60 VDC 20A \$3.50

#JA2-A8-A, 240 VAC; hold 17A, trip 21.25 A. \$2.00

HEINEMAN CD2 type breakers, ganged two pole. 4.8x2x4, 2 lb NEW

#CD2-Z10-1, (Rt.) 0.035 A DC Cur P. (Lt.) 68 A 270 VAC 60 Hz Cur 3. \$2.50

#CD-2-Z74-2, 10 A 132 VAC T.D. 2; 125 A 10 VDC T.D. 3. \$2.75

#CD2-A3-DU two 18 amp 240 VAC T.D. 1. \$3.00

HEINEMAN PUSH RE-CIRK-IT, 5/8" dia "fuseholder-size"; 2.5 amp 50 VDC or 250 VAC. #KD1-2.5, new, \$1.50

ARMY SPIN KNOB, retractable crank w/ beveled top-screw shaft. 1.5" dia; for RT-70 or GRC-106. #2313, \$5

#SP-348 Spin Knob w/ crank; fluted 2.1" dia, 1/4" dia shaft. alumi num. p/o BC-348. \$6.00

Fluted Spin Knob (less spinner - requires a 8-24 thread spinner) with skirt, 2" diameter. Fits 1/4" diameter shaft. #KNFS-1, 2/\$3.00

Spin Tuning Knob for spline as used on ARN-6 and BC-229 and other sets that used MC-124 connections. #MC-127, \$7.50

Large Fluted Knob for 1/4" dia shaft O/a 2-3/8" dia. used: #KNB-238-25, \$1.50 #KNB-LCP, for 3/8" shaft, \$1.25 each; 2 for \$2.00

Lever Knob with decorative ridges. 1.7" long. Fits 1/4" diameter shaft. #KNL-1, 4/\$2.

Lever Knob for 1/4" diameter shaft. o/a 2.8" long. #KNL-3, 4/\$2.

Bar Knob with pointer, 1.8" long. Fits 1/4" flatted shaft that is center drilled for hold down screw. #KNB-1, 5/\$2.

DUAL CONTROL KNOB as used on H-P & TEK scopes; 1-3/8" dia skirted black base for 1/4" dia shaft with 3/4" dia red top knob for 1/8" dia shaft. #KN-DC-HP, used, \$1.00

Pointed Knob w/ 1/4" dia shaft; 1.8" Lx1"Hx0.8"W. #KNBN-026-90, 3/\$1.00

Rounded BAR KNOB, 1-1/8"L x 3/4"Wx 3/4"H. Brass insert f/ 1/4" dia shaft. #KNART13, 2/\$1.

DARK BROWN fluted plastic 1" dia X 0.5"H f/ 1930's & 40's radios. #KN-DB1, 3/\$1

Dark Brown Fluted Knob for press fit shaft. o/a 0.9" dia #KNDBF-5, 6/\$2

Dark Brown "Mushroom" style with decorative ridges. o/a 1.5" diameter. Fits 1/4" dia. shaft. #KNDB-6, 3/\$2.00

ALCO KNOBS, modern plastic knobs with brushed aluminum inset fit 1/4" dia shaft. #ALKN6, 5/8" dia x 3/8" H for 3/16" dia shaft, 4 / \$1

KALRAD KNOB SET, five 1/2" dia plastic knobs with 5/8" dia skirt. 1/4" dia shaft. Chrome insert, & set screw; #KAL5K, NEW \$1.25

Insulators



Stand-off insulators crows feet type. Brass plated bases and terminals: D= Diameter H=Height M=Mount base holes' center distance ST=Screw terminals CT=Clamp terminals

#B-H3-D1.25-ST3, brown ceramic; M=2.25". Term. cap: 7/8x1 5/8" dia; 2 lbs. \$2.75

#W-H5-D1.25-ST, white; M=2.625". Term cap; 3/8x 1 1/4" dia. 3 lbs. \$3.75

#B-H5-D1.25-CT, white; M= 2.25". Term cap: 1x1 5/8" dia. 3 lb \$4.00

#B-H7-D1.25-ST, brown, M=2.6", Term cap 1x1 3/4" dia; 3 lbs. sh. \$4.75

Quantity Discounts on above! 10-25 ea (1-type) 20% off; 25% (26-99), 30% (100)

STAND-OFF with CLIP for clip-in resistors or capacitors. 1"H x 0.8" square insulator with clip for 0.5" dia cap, #NS4W1208, \$1.50

PORCELAIN STAND-OFFS, no bases but screw threaded:

#P-4H-75D 4"Hx 0.75" dia; 8-24 threader. \$.75 ea

#P-7H-100D, 6.8"H x 1" dia; 10-24 threaded. \$1.00 ea

INSULATOR POST for mounting capacitors, coils, etc. 1.7"Hx3/8" sq porcelain; 1/8" di thru-hole near top; base threaded for chassis screw. #IP-1706, 4 for \$1.00

#NL523W14, 2"Hx1" square; two 6/32 threads top and bottom 4/\$1.00

MP-48A INSULATOR for WW-2 vehicular spring antenna base; 3.6"Lx2.6" dia, 4 lb \$16.00

COLLAR for MP-48A, fits bottom of base, \$2.50

IN-118 Phenolic Insulator from MP-48, \$7.50

Large porcelain insulator transformer style with a 3/16" feed thru hole. o/a 1.9"Hx1"dia. #INS-8, \$1.00

--- STRAIN INSULATOR ---

BROWN porcelain insulator 8.5"Lx1.8"h x 1"D with reinforced 0.5"dia hole on ends; 3lbs sh. #SPI-85181, \$1.95; 2/\$3.00

GET A BETTER PICTURE OF OUR ITEMS AT FAIRRADIO.COM

Hardware

HARDWARE ASSORTMENT of washers, screws, nuts, rivets, terminals; 2 lb \$2.00

FLEXIBLE COUPLING from T-368, 1.3"L accordion style; connects 1/4" to 1/2" shafts, #BFX-CPL-3-5, \$7.50

HEX SPACERS

Length	male-female thread	per 20	per 100
4-40 threads	1/4" dia metal		
0.75"		\$4.25	\$12.50
1.375		\$5.50	17.00
6-32 threads	1/4" dia metal		
0.375		\$3.00	\$10.00
0.625		\$3.50	12.00
0.75		\$3.75	12.50
1.5 (f-f)		\$4.25	14.50
8-32 threads	7/16" dia:		
3.0		\$7.00	21.00
1/4"-20 threads	9/16" dia:		
3.25 (f-f)		4/\$2.50	20/\$10
1/4"-28 threads	7/8" dia:		
2.87		4/\$3.50	20/\$14

TM-184-PT TERMINAL STRIP with 28 silver-plated 0.8"Hx0.4" dia spring push-down binding posts on 15.3x3.9 x0.4" thick black phenolic board. Phenolic may have minor chips; 4 lbs sh. used, \$20.00

#TM-184-ST, older version of above with 0.6" dia white-brass screw-down terminals, used, \$22.00

TERMINAL STRIPS, UNUSED:

4-TERMINAL pairs, 3.2"Lx1.6", \$5.00
7-TERMINAL pairs, 4"Lx0.8", \$6.50

AUGAT single 8-terminal PC mount: 2"Lx0.6"W; #4PCV-08, 10/\$7.50

VARIABLE TERMINAL STRIPS, pairs removable to decrease or increase length.

#GE-V12-TERM, 12 terminal pair 1.3Hx8.3Lx2"W, \$2.50
#BUC-V8-TERM, 8 terminal pairs 1.3"Hx3.9"Lx1.1"W, \$2

SHOCK MOUNTS you bolt to equipment.

STYLES: A B C

#SM-4A, 4 #,	\$4.5	SM-6A, 6 #,	\$5.0
-9A, 9 #,	\$6.0	-12A, 12 #,	\$7.5
-12B, 12 #	\$8.5	-15B, 15 #,	\$1.00
		-50C, 50 #	\$1.50

RUBBER EQUIPMENT PADS, 5/16" dia self-adhesive; 40 per sheet. #47-86, 2 sheets for \$1.50

Vibrators

Each of the vibrators listed below are \$5.75 each or 3 for \$12.95. Mix & Match acceptable.

Part #	Pins	Volts	Part #	Pins	Volts
V6648	4	6	V6702	7	2
VB-9-C	4	?	3334	7	6
G534	5	12	JV0022	7	24
V6618	6	6	M1503S	7	24
VS-3	6	6	V6778	7	24
C2255	6	12	V6675	7	?
M3356C	6	24	M418753	Octal	6
V6429	6	115	VB-13-A	9	12
R111	6	?			

Standard 7 pin lay-out but is missing a pin. 6 volt. #571S, \$5.75 each; 3 for \$12.95

Standard 7 pin lay-out but is missing a pin. 6 volt. #3H6690-15, \$5.75 each; 3 for \$12.95

Standard octal size lay-out but with only 4 pins. 50 volts. CE516501G, \$5.75 each; 3 for \$12.95

Twin Cavity Filters



TUNABLE TWIN-CAVITY BANDPASS FILTERS, gold-plated cavities have tune knobs, dials, and rear N-connections. Designed for military TRC-24 radio system for specific frequency ranges; usable and/or adapt for civilian purposes. 7x2.5 x9.5, 8 lbs. Used, \$22.00 each.

F-196/U 184-205 MHz F-199/U 224-254 MHz
F-200/U 254-284 MHz F-201/U 284-314 MHz
F-203/U 344-374 MHz

* F-194/U 142-163MHZ, used excellent, \$45.00 *

* F-197/U 205-225 MHz, unused, \$30.00 *

* F-204/U 374-404 MHz, unused, \$19.95; 2/\$30.00 *

Bandpass Filters

F-1482/GRC BANDPASS FILTER, three 30-88 MHz tunable helical cavities with dial locks and 1.5" dia 0-60 Watt meter; switch for 6 or 60 W Phase, Reflected or Forward W. BNC output connection; special RF input connection. Rugged military design; 8.8x2.5 x9, 10 lbs sh. GOV'T-RECONDITIONED, \$65.00; 2/\$100



K & L #6B110-257/HQ26-OP/OP Tubular Bandpass Filter. Six section filter. 26 MHz BW. 200 watts.

VSWR = 1.5:1. Center frequency is 257MHz. 50 and 75 ohm impedance. SMA male connections on each side. 1 1/4" diameter x 6.8" long. 3 lbs sh. Used Excellent, \$16.00

A-251-A Bandpass Filter 2.0 - 3.15 MHz. 3"x3/4", Unused, \$5

Line Filters

DELTA EMI 3 AMP FILTER with 3-prong plug; 115/230 V 60 Hz. 2" W mount x 2" D; fits 1" x 0.8" hole. #03GEEG3H. \$1.75

CORCOM EMI 3 AMP filter with solder connections. 115/VAC 50/60Hz. 2.7x1.7x1.2, used, #3W1A \$1.50

TOKIN #VG-215F, 250 VAC 15 amps 50/50 Hz with spade terminals; 2.6"Lx1.8" dia, 1 lb NEW, \$3.00

2x20 AMP FILTER, 115 to 250 VAC 48-440 Hz; 3.4x1.5x 3.2, 1 lb.
#F-85066, NEW \$3.50; 10/\$25.00; 100/\$195.00

D C FILTER, 55 amps 30 VDC; two stud terminal, 2.8x5 x2, 2 lbs. #537-6615, unused, \$4.95

FILTRON #FA-380 RFI DC FILTER, 3 X 10 amps 28 VDC; 1.6x3x4.5, 2 lbs. Unused \$4.50

Crystals

JK02 OVENS for CR-26 xtal. 6 - 24 VAC/DC; plug into octal socket. Less xtals; USED
#251B1001 for one xtal, \$2.25
#251B1003 for two xtal, \$2.75

FT-241 XTAL SET for BC-604 (SCR-508/528) WW-2 xmitter 80 xtals (chan 0-79), \$85.00

200 KHz FT-241 XTAL, \$4.00

XTAL SOCKET ADAPTER for two xtals w/ 0.5" O.C. pins; octal base. #2Z307-166, \$1.50

Push-to-Test



KORRY 260 PUSH-TO-TEST INDICATORS, double lamp-holder with miniature bayonet base; 1.5"Lx0.8"H. All UNUSED. Clear & amber lenses with "rocket launch"-related inscriptions: 400 CPS DRIFT TIMER, 11°C HEATERS THERMOSTAT, COOLANT VENT VALVE, STBY HTR COMMAND, JET PRESSURE SWITCH, 280 VA. Price: \$.75 each, 4 for \$2.00

Pilot Lights & Indicators



TINY 50V NEON INDICATOR, 1-3/8" long x 3/8" dia; NEW, #3496 clear lens w/"7" 3/\$1.00

GRIMES PILOT LIGHT, as used in aircraft control panels. Takes #327 or similar lamp. Used. \$.65 each; Unused, \$1.00 each

SUB-MINIATURE NEON PILOT LIGHT with 5/16" dia clear jewel. Base is receptacle for three 1/16" pins in triangle pattern. Mounts in 3/8" dia hole. O/a 1.4" L; includes neon bulb. #PIL007, \$.35 ea; 4/\$1.00

DIMMER LIGHT w/ NE-51 bulb; 1/2" dia clear jewel. Fits 5/8" dia hole; o/a 3" L. #PIL-C433, used. \$.75 ea

LAMP HOLDERS for 327 lps; fit 1/2" hole. Flat WHITE numbered lenses; specify: " ,4,5,6,7,8,9" or YELLOW "MAX". #0934, \$.55 ea

#FLW-327 pilot light w/ 327 lamp; white lens. Used \$1.35

Collector Bulbs

Unusual craft and projection lamp bulb: nice glass and simple but elegant filaments like old radio tubes. With mogul base; may or may not work:

EDISWAN PROJECTION, 6-8 A 200 W; 5.3X1.4" dia. \$3.00

T-8 PROJECTION BULB, 200 W 3.4"H x 1" dia; GE #PH/200T8SC, \$2.00

T-8 PROJECTION BULB, (CFC) 150W 120V, 3.4"H x 1" dia; GE #PH/150T8/70, \$2.00

Miniature Lamps

STK#	VOLTS	AMPS	BASE	BULB	4 pk	10 pk
14	2.47	0.3	min screw	G 3-1/2	\$1.75	\$3.50
24-68M	24	0.68	DC bay	B-6	\$1.25	\$2.50
41	2.5	0.5	min screw	T 3-1/4	\$2.00	\$4.00
47	6.3	0.15	min bay	T 3-1/4	\$1.75	\$3.50
130	6.3	0.15	min bay	G 3-1/2	\$2.00	\$4.00
313	28	0.17	min bay	T 3-1/4	\$1.75	\$3.50
323	3	0.19	u/w/urm-25	T 1-1/4	\$8.00	\$16.00
331	1.35	0.06	min flange	T1-3/4	\$3.25	\$6.50
387	28	0.4	sc midget	T 1-3/4	\$1.75	\$3.50
511	2	0.25	min screw	G-6	.50	\$1.00
1021	4.5	1.25	RP11	SC pref	\$3.75	\$7.50
1813	14.4	0.10	min bay	T3-1/4	\$1.75	\$3.50
1815	14	0.20	min bay	T3-1/4	\$1.75	\$3.50
1820	28	0.04	min bay	T3-1/4	\$1.75	\$3.50
1843	28	0.22	min bay	T3-1/4	\$1.25	\$2.50
1886	6.3	0.80	min bay	T4-1/2	\$2.00	\$4.00
NE-51	115VAC	0.2	min bay	T3-1/4	\$3.25	\$6.50

EMAIL US YOUR INQUIRIES AT FAIRRADIO@FAIRRADIO.COM

Coax Connectors

SO-239 UHF Female, \$1.10 each 10 /\$10.00
 SH-SO239 barrel mount, \$.85 each
 2H-SO239 2-hole mount, \$.85 each
 PL-258 UHF Female to Female, \$1.75 ea 10 /\$16.00
 M-358 "T" for two PL259 & one SO239, used, \$1.50
 UG-176, reduces PL-259 to RG-59 coax, \$.35 each

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CONNECTORS & ADAPTERS: (m) male, (f) female, (bulk) bulkhead, (rec) receptable, (r/a) right angle; (U) = Used, (Un) = Unused.

TYPE BNC: UG-88m (RG-58) U \$.75 ea
 UG-260 m (RG-59) U \$.60 UG-290 f panel U \$1.
 -185 f panel Un \$1.75
 -274 "T" 2-f to m, U \$4. -909 bulk U \$1.
 -273 to UHF, Un \$2.00 -306 R/A adapter,
 -282 to post \$1.50 used, \$1.75
 UG-913 r/a U \$1.00 -255 UHF-BNC \$3.

TYPE N: UG-21 m (RG-8) NEW, \$4.00
 UG-58 f chassis U \$2.50 UG-27 R/A m-f U \$2.
 -536 m (RG-58) U \$2.
 -593 f bulkhead for R-59-62, used \$1.50
 -1052 f bulkhead for RG-58, used, \$1.50
 -201 ADAPTER, N to BNC, used, \$2.50

TYPE TNC: Greomar #6000 (m) used, \$1.50 ea
 #6177 m R/A Un \$3. #6098 to N f bulk U \$3.

HN: UG-59 U, \$5.00 UG-920 m-f R/A, \$6.
 UG-100 m U \$1.50 DA-113 dummy U \$4.00
 -109 f/ UG-100 \$1.50 UG-643 "C" f-f, \$2.50

Mini-BNC p/o R-390A, used, \$2.50 each
 Mini-BNC chassis-type p/o R-390A, used, \$2.50

Helix Type N

Type N male connector by Andrew #F4PNM-H. Works with Helix FSJ-50B coaxial cable. Comes with tubing for strain relief. Coupling torque is 22-25 in-lb. Unused, \$17.00; 4 for \$60.00



Hardline Coax



Hardline 50 ohm Coax, 3/8" dia aluminum jacket, foam insulation. 9 gauge center conductor. 3/32" dia solid copper wire.

25pf per foot nominal impedance:

#HLCX-3/8, \$.65/ft; 100 ft/\$56. 500 ft/\$225.

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MINI-FLEXIBLE HARDLINE COAX CABLE, Belden 1573A (RG-402 50 ohm) with SMA connectors. M=male, F=female, RA=right angle

#507-169/170A, two M, 5" Length, \$9.00
 #507-171A, M-RA to M, 4.3" L, \$10.00
 #507-173A, M-RA to M, 11.5" L, \$11.00
 #507-175A, M to F N-chassis conn, 8"L, \$12.00
 #507-176A, two M-RA, 3.1"L, \$12.50

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0.5" dia FLEXIBLE HARDLINE (Cablewave 16733) with male N-connections (1-right angle); Various lengths as noted; 5 lbs sh. #HDL-16733- (length):

3 feet, \$15. 6 ft, \$18. 10 ft, \$22.
 12 ft, \$24. 15 ft, \$30. 22 ft, \$40.

AC Line Cords

Ground Fault Interrupt (GFI) line cord, 12 ft 3-conductor #18 AWG; w/ reset button. #18-GFI \$2.50



3-COND LINE CORDS:

#14-10FT, 10 ft flat w/ R-A plug; #14 wire. \$2.50

BUSINESS MACHINE CORD, 3-blade type w/ AC plug; 6' black, #18 AWG. #HP-NS, \$2.00

#16-HP-NP, #16 AWG 3-blade line cord; no AC plug. \$1.95

HEATER CORD type HSJ, 3-cond 7.5' #16 wire; grey molded R/A plug. #HSJ-16, \$2.00

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AC LINE CABLE ADAPTER f/ 3-cond plug to 2-cond outlet w/ground; grey. #53-90, 3 for \$1.00

Hook-up Wire

Vinyl-covered hook-up wire, all stranded copper; no color choice. May not have continuous lengths over 1000 ft. Allow 2 lbs sh weight per 100 feet

SIZE: #12 \$12/100 ft \$99/1000 ft
 #14 \$7.50/100 ft \$48/1000 ft \$195/5000 ft
 #16 SOLID \$4/100' \$24/1000' \$95/5000'
 #22 SHIELDED \$3.50/100' \$22/1K' \$75/5K'
 #26 SOLID \$6/500' \$9/1000' \$30/5000'

SDU-5 Wire Kit



Wire Kit provides parts to connect an SDU-5/E flasher to a vehicle (12/24V) battery or wiring. Kit includes the following: Voltage Converter, Adapter, (2) 3/8" Ring Lugs with Wire, (2) 8 Spade Lugs with Wire, (2) Battery Clips with Wire, (4) Connector Splices, (4) 3/8"-16 Nut. (2) 11.5" Cable Tie, 7.25" Cable Tie, and a Velcro Strip. 3 lbs sh. #CK-SDU, Unused, \$10.00; 3 for \$25.00

Coax Cables

New manufacture to MIL-R-17A specifications. Prices PER FOOT for lengths indicated. In between lengths, use higher price. Less than 100 ft add 10% to highest price!

COAX	Ohms	100 ft	500 ft	1000 ft	5000 ft
RG-58	53.5	.17	.16	.15	.15

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COAX CABLES with connectors from military equipment. USED/UNUSED:

#CG-409 CABLE, 25 ft RG-58 with two BNC, \$4.50
 RG-213-1, 16" RG-213 coax w/ R/A N conn. \$5.
 CG-3444, 42" RG-214 w/ 2 UG-573 "C" conn., \$9.
 A303892-10, SMA (m): TNC (f) 8" jumper; \$4.50

RG-142 Cable 3' 3" long with type SMA screw on male going to a type N female on the other. The type N female does not have any nuts. Cable is rated for 50 ohms 5000 volt. Diameter of the cable is similar to RG-58. Various manufacturers. #RG-142-3, 2 lbs sh. Used excellent condition, \$6.50

- - - TYPE N - SMA CABLES - - -

From cellular installation:

Type N male to SMA male with 12" coax #N-SMA-12 \$3.50

Type N male to R/A N male with 29" coax #N-RAN-29 \$2.95

Type N female to SMA male with 33" coax #FN-SMA-33 \$3.75



Wire Galore !!

#22 Cloth Covered Stranded Hook-up Wire. Color choices: red, red/black, red/green, red/white, orange, orange/black, orange/green, orange/red, blue, blue/white, green, green/black, eggshell, tan/black, white/red/blue, black. PLEASE SPECIFY. #WCC-22, \$3.95/10ft, \$5.95/25ft, \$16.95/100ft

Twisted two conductor 22 gauge stranded cable with tin shield. 19 strands per conductor. Has white plastic jacket. Mfg by Brand-Rex. #WT-22, \$29.95 for 500 foot spool



Twisted Twin-Axial RF cable with braid silver shield. Both conductors are 24 gauge with 19 strands per conductor. Cable rated at 77 ohm impedance. Light blue jacket. #WT-24, \$25.00/100ft; \$95.00/500ft

24 gauge single conductor stranded wire with shield. Has white jacket. #W-1, \$10/100ft; \$32/500ft; \$55/1000ft; \$195/5000ft

Test Leads



INSTRUMENT TEST LEADS for meters, etc. One end has 5.2" L plastic prod; other end tinned wire.

Military-quality; heavy insulation; o/a 36"L. One red & one black lead /set; 1 lb. #TS-LRB, \$2.50

Pin plug to pin plug 5' cable, #MX-1907, \$.99

MX-1909 Test Leads with alligator clips. Each test lead is 55" long. Used in conjunction with PSM-6 and other military meters. Unused, \$4.00



Red & black panel jacks for above. #J-19, used, \$2 per set

Heatshrink Tubing

1/16" black Polyolefin. 90°C shrink temp. Made by Sumitomo #11438.
 10ft \$3.50; 25ft \$7; 50ft \$12; 100ft \$20

3/8" Dia. Alpha FIT-105-3/8 Irradiated PVC Heat Shrink Tubing, For wire harness jacketing and covering handles, capacitors, and terminals. Rated 105 degree C. 2:1 shrinkage ratio at 175 degree C. 3/8" diameter. Unused, 10 ft for \$4; 25 ft for \$7.50

Cable Ties

All nylon ties listed below are common locking type and are standard 0.19" width.

#CT-7, black 7" long, 100 for \$4.00
 #CT-11, bright green 11" long, 25 for \$2.00
 #CT-12, bright pink 11.5" long, 25 for \$2.25

As above except 0.12" width.

#CT-5.5, Black 5.5" overall length, 50/\$4.; 100/\$6.50
 #CT-5, Natural 5" overall length, 50/\$4.; 100/\$6.50

As above except 0.06" width. Bundle dia. is 5/8".
 #CT-4, Black 4" overall length, 50/\$3.00; 100/\$5.00
 #CT-4.5, Natural 4.5" overall length, 50/\$3.; 100/\$5.

Tie-Down Nylon Cable Tie - Ideal for fastening wiring or harnesses to chassis or mechanical assemblies. Accepts #10 screw. Maximum bundle diameter of 1 1/4". Overall length of 6". Standard 0.19" width.

#TCT-6B, Black color, 50/\$5.50; 100/\$8.00
 #TCT-6N, Natural color, 50/\$5.50; 100/\$8.00

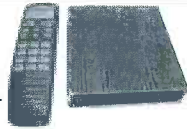
Nylon Marker Cable Tie. Overall length of 4.5" length. 0.06" width. Natural color. #NMCT-4.5, 50/\$5.00; 100/\$7.50

PLACE YOUR ORDER OVER THE WEB AT FAIRADIO.COM

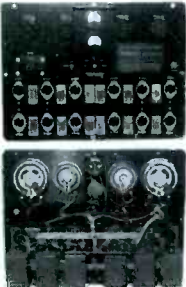
Cell Phone Parts

CELLULAR PHONE PARTS BLOWOUT.

We have available bag type cellular phones, dead, "as is". For parts/ experimenter use. These are older large cellular phones with many useable components for the radio experimenter or various electronic applications. These units contain filters, crystal oscillators, power amplifier, surface mount components. Microphone, speaker. Nice Extruded aluminum case: 5.7x1.2xX6.3. #PH-CELL \$10; 4/\$30



DC Load Panel



"Loaded" with prime "clean" parts for DC power projects! Panel includes:

- * 0-30 VDC METER
- * 0-30 DC AMMETER
- * 4 ea 50 MV SHUNTS
- * 4 RHEOSTATS:
 - 2 ea 225 W 3 ohms
 - 2 ea 150 W 2 ohms
- * 12 Circuit Breakers:
 - 4 ea 32 VDC 8 amps
 - 8 ea 32 VDC 20 amp
- * 12 ea 1N1184 DIODES
- * 4 ea 2.4" dia KNOBS and other parts. Panel is sold "less its On-Off and 4 STA selector switch. 18.8x23x6, 30 lb #DAV-LCP, \$49.00 Manual Repr for above, \$10.00

Manual Repr for above, \$10.00

ILS Modulation Meter

FAA type FA-9438 Excellent parts unit for experimenters / hobbyist. Has RF meter, 3 segment (or digit) LCD display, count up/down circuitry, glide slope and localizer osc. modules, mixer, freq. processor, open frame chassis, sturdy case. w/ cover 14x9x12, 20 lb \$25.00

PRICE REDUCED



Experimenter's Paradise

PRICE REDUCED



Motorola Control Receiver???? Great experimenter item. We have seen them in the past in some cities at intersections and believe their purpose was to intercept traffic signals when emergency vehicles needed to pass. Transistorized receiver

covers 139.65 MHz with a five section preselector, crystal controlled oscillator and Vibrasponder® tone detector which allows a SPST relay to be actuated by a tone in 600 to 800 Hz range. SPECIFY if tone-match required. Receiver is housed in a plastic protective case. Power required 24 VAC. Has internal transformer and power supply. 7.2" dia. x 6" Ht, 5 lbs sh. #15D82032, \$7.95 each 4 for \$25.00

Control Receiver

Scientific Atlanta Power Control Receiver Model DCU-1051B-01-00-S Series DCU-G-1530. Originally used by power companies to allow radio control of power usage. The units have receivers in the 150 mhz range as well as a 6



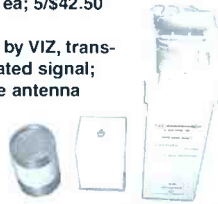
VDC contactor rated for 240 VAC 30A resistive. They are programmable and will work on the General Electric code format and/or the SA-105. Power transformer 240 VAC secondary approx 6 Vac. The weather resistant plastic case with gasket and snap closure is excellent for outdoor projects. Has molded on wall mounting brackets. Internal dimensions 9.5x7.4x3, 5 lbs sh. Unused \$15.00 each; 3/\$33.00

Radiosondes



VAISALA RS80 RADIOSONDE, ultra-light disposable transmitter (400 MHz approx) is designed to be carried aloft by weather balloon and transmit data for air temperature, barometric pressure and humidity to a ground station. Consists of circuit board, dipole antenna, and trailing wire. Requires 9 V battery. Cute experimenter item! 12.5"H as shown; 3 lbs sh. NEW, \$9.95 ea; 5/\$42.50

#ML659(V)3 Radiosonde mfg by VIZ, transmits on 403 MHz RDF modulated signal; includes battery and separate antenna assy, transducer polishing cloth, baroswitch pressure calibration chart, and instructions. 4.8 x 3.8 x 12.3, 4 lbs sh. Unused, \$12.95



Dehumidifier Control



HONEYWELL DEHUMIDIFIER CONTROL as used in home dehumidifiers. Plastic element tape senses humidity and "opens" normally-closed 120 VAC contacts; has variable control. 1.8x4.5x1, 1 lb. #H46A1103, unused, \$2.95

Heating/Cooling Pump

THERMOELECTRIC 127-ELEMENT HEAT PUMP DEVICE, built for portable refrigerator; operates from 12-16 VDC.

In original use, it is hot on 5"x5"x1.1" heatsink side but "freezing" on 2.6"x1.8" pump side. Reversing DC polarity reverses "hot-cold" effect. Pumps 50 watts @ 6 amps continuous. With 180° C normal-closed thermal cut-out switch. 2.5"H, 3lbs. #HPD-1250, used, \$19.95



Mini Pump



12 VDC IMMERSION PUMP, probably from auto/RV market; 3/8" dia outlet moves about 1 gallon/minute. Operates on higher voltages with increased flow rate for short periods: @ 24 VDC, 1.5 gal/min; @ 35 VDC, 2 gal/min. For non-flammable fluids only because fluid flows thru motor acting as lubricant. Use in fountains, solar water or science fair projects; 4"L x 1.5" dia, 2 lbs. #HAR-12V-IMP, NEW, \$6.95

Motorized Lens

MINOLTA MOTORIZED LENS, focal length 3 mm with 6 mm zoom assembly; probably used in copy machine. Front coated lens diameter 60 mm; rear 15 mm. Focus and zoom mechanism each has small DC gear motor which operates at about 30 RPM @ 5 VDC or 60 RPM @ 10 VDC. 5.5x5.5, 3 lbs sh. #LENS-36-98, unused, \$20.00; 3 / \$50.00



Weaver D6 Scope



Quality 6 power scope fits common rifle mounts. Unfortunately scope is without cross-hair. Still a nice low-cost spotting scope! 12.3" long, 2lbs New, \$17

Grab Box

ASSORTMENT of used and unused commercial and government electronics parts such as assemblies, motors, coils, transformers, chokes, circuit boards, capacitors, resistors, and other usable items. Packed in 50 lbs cartons: \$12.00 ea; 2 / \$21.00 Allow for shipping charges!!



Military Flashlight



MX-991/U FLASHLIGHT official rugged right angle military type made in USA. Operate from two "D" cell batteries (not included). Clear diffuser, red signal, and white opaque spare lenses store in handle; metal belt clip. O.D. green plastic; current issue, 8.3"Lx2" dia. NEW \$9.50

X-10 Controller

The Leviton #6242 Manual Controller. Used to control light and appliance modules.

Compatible with Radio Shack and Home Safe remote devices. Can control 256 "X10" device codes. Unit has 16 Unit Code Buttons. Also, has 6 Command Keys: On, Off, Bright, Dim, All Lights On, and All Off. The controller is equipped with a key-operated lock-out switch that can be set in the "ON" or "OFF" position. The controller will transmit command signals to modules in your control system only if this switch is keyed to the "ON" position. Key pad mounted in sturdy steel case. Requires 120VAC 60Hz. 8.3x6.7x4.5, 7 lbs sh. Unused, \$9.95 ea, 2 / \$18.00, 4 / \$32.00



Torque Drivers

Mountz (M) and Torquemaster (T) torque drivers. These are unused / slightly used. Most have had ID numbers engraved on the handle.

(M) - TLS0135 red 3-190 ozf in 2-135 cN.m 1/4 inch hex female drive, Unused, \$39.50

(T) - Standard green, as above, 1/4 sq drive, Unused, \$39.50

PRICE REDUCED

(T) - Minor red 3 oz f in - 12 lb f in/200 gm f cm-14kg f cm / 2-135 cNm 1/4 hex femal drive, used, \$19.95

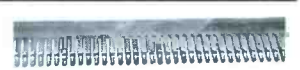


CRIMPER - Thomas Betts TBM6 with

13470 green die, and 13471 blue die. With metal carrying case, used excellent, \$195.00

Finger Stock

18" long x 1/2" ht strips of finger stock. Each individual finger has a width of 1/15" and a ht of 5/16". #FS-18 Unused, \$6.95 ea; 4 / \$20.00



Pressure Blow Gun



ARO Model #8338 Pressure Regulated Air Blow Gun. Has a primary pressure of 250 PSI and a secondary pressure of 29 PSI. Temperature Range is 32 to 175 degree farenheit. Designed only for compressed air. 2 lbs sh. Unused, \$6.95

Electronic Ignitor

Fenwal Automatic Electronic Ignitor 05-159901-003, input12 VDC. This looks like an ignitor for an oil furnace as it puts out a HV spark. Maybe neat for experiments. BE CAREFUL. 5.25 x 4.75 x 3 overall. 3 lbs sh. Unused \$9.95 each



MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

150 ft Tape Measure



High Quality Lufkin 150 foot steel tape measure with crank. Tape is blackened and numbers and index marks are unpainted silver color. Index marks and numbers are raised. 1/8 inch increments. #TAPE-150, Unused, \$29.95

Copperclad Board

Copperclad Board for making printed circuit cards. Phenolic backed; 0.07" thick, 1 lb #PH-4x18, 4"x18", \$.75; 4/\$2.50; 10/\$5.00

Ring Magnet



3.5" dia x 5/16" thick MAGNET with 1.9" dia open inner circle lifts about 8 lbs. 5" dia metal casing has mount flange to protect and isolate magnet; two wires attach to spring-loaded contacts. Use as magnetic antenna mount or in robotic, audio or science projects; 2 lb #MAG-S91, \$3; 5/\$10

PSS-11 Metal Detector

(Polan P153) transistorized unit uses 2500 Hz signal in mutual inductance bridge circuit to detect metal objects that cause an imbalance in the 9"x11" search head's magnetic field; disturbance is heard in operator's headset. Handle adjusts 29"-57" L. Also control pack with canvas bag & 7.3x24.5x16.5 transit case. Requires 7.3 to 10.8 VDC battery (BA-1389 5.1"Lx 0.6" dia) 35 lbs. USED-not tested, \$75. MANUAL, repro, \$10.00



TV / FM Attenuator



75 ohm TV/FM Attenuator by Blonder Tongue Labs stock # 4890. 0-890MHz with two F connectors and adjustment for attenuation. used, \$8.00

Remote Controls

INFRARED REMOTE CONTROLS, Draco mfg remotes for satellite positioning and channel selection. Each has A-B-C-D-E-F Satellite Select, Up, Down & Go To functions; requires 9 V transistor battery. Cheap to play with or use! NEW-not guaranteed; 2.8x5.8x1, #IR-DR-AIM, "Aimers", \$1.50 ea; 2 / \$2.00 #IR-DR-CHAN w/ Channel Select 1-2-3-4-5 -6-7-8-9-0, Mute & Seek; \$1.95 ea. 2 for \$3.00



EMERSON MULTI-FUNCTION REMOTE CONTROL SET, intended for use with ceiling fan & light, but receiver circuit board and push-button remote transmitter should adapt to experimentation and your projects. Originally one button brightened light and other two controlled speed of special AC motor (not available). Circuit board outputs to motor are fixed voltages with sequence and voltage dependent upon positions of four switch DIP code switch. Sixteen codes possible; remote actuates sequence. Receiver is not isolated from power line so extra care is necessary when working with this device. Transmitter requires 9 V battery (not supplied). Hook-up info included; #RC-5100/1, new \$15



Calling Card Timer



TELE COSTER TELEPHONE METER, Ideal for keeping track of the minutes expired on your calling card or for keeping "tabs" on the length and costs of long-distance phone calls. Initial

and secondary rates/period are programmable using the numeric plus 6-function keyboard. LED display shows cost/period plug elapsed time hr-min-sec. Also display flashes 15 sec before rate change and has X60 speed-up time so maximum acceptable charges can be determined before call. In sturdy, beige plastic case. Requires 115 VAC 60 Hz; 2 lbs sh. NEW, w/ info, \$8.00; 3 for \$15.00

Barcode Reader

TransTerm 5® barcode reader by Computerwise. Model #TT5a-28, still shown on their webpage. Unit has two line display and RS-232 output. No software, but there may be some compatible shareware. The units pass self test. Unit has membrane keyboard and unit is well sealed. Includes keyboard, high quality metal wand, transformer, and info. 1.8x7x6.1, 4 lbs sh. Used \$24.50



60 Second Timer



RHODES 60 SEC TIMER, times from 2 to 60 seconds; bell signals time elapsed. 3 1/2 dia plastic case; 1 lb. sh. #56414, NEW, \$2.50 each.

Neoprene Gloves

Stanzoil Knit-Lined Neoprene Gloves. Multi-purpose chemical, abrasion and temperature resistant liquid-proof hand protection with durability and flexibility. Soft interlock knit lining insulates from heat and cold, absorbs perspiration, and provides easy on/off. Neoprene coating resists a broad range of chemicals. Non-slip "roughed" grip. Mfg by MAPA Professional. New, \$4.50 pair; 4 pair for \$12.00



Please specify model number when ordering. Sizes available:

Small: #S-432; Medium: #M-420
Large: #L-408; Extra Large: #XL-348

Teletypewriter



AN/UGC-129 TACTICAL TELETYPEWRITER, full duplex teletypewriter has 16K RAM and QWERTY keyboard with Edit, Mode Select, and Memory. Printer speed 120 CPS: 69-80 character line, single or double line feed. 64-character ASCII subset; ITA5 or Baudot codes. 8 baud rates 45.5 to 2400. Uses paper rolls 216 mm W x 127 mm dia friction feed, single or multi-copy. Requires 115/230 VAC 47-400 Hz; connectors not available. 9.5x15x18.5, 52 lbs. used reparable UGC-129, \$49.50; MANUAL copy for later model (useful), \$35 w/ set

Military Badge

Dark navy blue background with gold color "wings and propeller". 3" diameter. unused, #B-3, \$3.00



Ritchie Compass



Ritchie Compass RU-90 has 5 degree increments. High-visibility blue 3" dial with extra large numerals. Flush mount sailboat racing style. Has 45° lubber lines and internal gimbals. Black in color. 4 lbs sh. Unused, \$125

Aircraft Sextant

Sextant w/ periscope used in larger military aircraft to determine nightflight position relative to the stars. Has eyepiece with cup to view through right angle periscope with bubble level. Controls increase bubble size and adjust lens diffuser plus filters red, green & polarized. Also mechanical timer, 3-digit 100-turn counter dial, & transit case. Requires 28 V AC-DC for lights; 8"Wx13"Hx5.3"D, 23 lb #MS28011-1F, used w/ fiberglass case, \$59.50 #MS28011-NB, used, no case, no bubble, \$29.50



Aircraft Gyros



LEAR 3-AXIS RATE SENSOR with three #2157HB rate gyros; 3.4x6.4x6, 9 lbs sh. Lear #2162C, \$175.00



CN-708A / GG53A1 Vertical Gyroscope. Gyro Motor: 115V 400Hz single or three phase. Erection Motor: 26, 30, or 115V 400Hz. Synchro Pickoffs: 26V 400Hz input. 11.8V 400Hz line to line output. Caging Circuit: 28VDC. Outer Axis Rotation: unlimited. Inner Axis Rotation: +/-85 degrees. Erection Rate: 2 - 5 deg/min. Accuracy: 0.15 degree of true vertical. Synchro Accuracy: +/-6 min. Pictured with removed top cover. 9.6x6x5.3, 10 lbs sh. Used, \$49.50

Auto Brake Light



AUTOMOBILE BRAKE LIGHT, 5.5" W x 2.8" H red lens on black plastic stand; top swivel adjusts light angle. German mfg; o/a 7.5"H 2 lbs. #BL-G10005, NEW, \$2.95; 4/\$10.00

Choke Cable

Six foot choke cable with knob with 2 inch pull. 2 lbs shipping. #CHEX-CBL, \$5.00



Auto Test Sets



HEYER AUTOMOTIVE TEST SETS from the 1950's with 4.5" chrome-rimmed meters! Nice addition to a car collector's display or for experiment! Not Tested!

MODEL 337 TACH / VOLTMETER, ranges 0-1000 & 0-5000 RPM and +/- 0-18 VDC, Amplifier button plus socket for timing light. With tubes 0A2 & 2D21; 6 or 12 VDC use. 13x5x5, 9 lbs. Unused, \$24.95

MODEL 336, same as 337 except also has Spark Advance Meter with 0-30 Distributor degree and 0-60 Crankshaft degree scales. With tubes 2/ 0A2, 2D21, 6AL5, 6AU6, 5696; 12 lbs sh. USED, \$27.95

Card Scanner

Credit Card Scanner, uses optical system to read raised numbers of credit cards into a photo array. Small AC motor drives card through reader; w/ connector diagram. 5x5x4, 3 lb #ECR2020, used, \$3.50; 4 for \$10.00



CHECK OUT OUR LATEST FEATURE ITEMS AT FAIRRADIO.COM

DC Voltmeters

FS=2 VDC, 0-20/80 MA scale; 2.5" rd sealed. USED, \$5.95

FS=5 VDC, scale 0-1.5 A & 0-300 MA; 2.5" rd. USED, \$5.00

FS=5VDC, 0-5/0-10maDC, 3.5" rd, #S00-5V, Used, \$12.00

ES=5VDC, 5-0-5/10-0-10maDC, 3.5" rd, #S00-5-0-5V, Used, \$13.00



DATA TECH 0-20 VDC DIGITAL PANEL METER, uses Sperry 7-segment

0.5"H readouts. 10 meg ohm imp.; auto-polarity, OVP. Requires 115 V 60 Hz. Units have "weak" displays and/or "bad" segments. 1.9"Hx4"Wx5.5"D, 3 lbs. sh. #5313-220, "AS-IS", \$10.00

40-60 VDC, 4.3"Hx 4.8" Weston, NEW: \$15.00

POLARAD Mfg. FS=100 V DC, 0-100-500 scale, 4"W x3.8"H. #M2/TV13, \$8.95



FS=150 VDC, 0-1500-5000 sc. 4"Wx3.8"H. #M4/TV-13, \$8.95



150-300 VDC expanded scale, 4 1/2" rd, black face, Weston 760, 500 ohm/Volt, Unused, \$10

0-20 KV, FS = 1 MA; 2.5" rd black, USED, \$7.00

High Voltage DC 3 1/2" round panel meters removed from equipment.

Each panel meter listed below comes with the associated large multiplier resistor creating full scale indication as shown below.



0-1KV, #S00-1KV, \$17.95
0.9-3.4KV, #S00-3.4KV, \$18.95

DC Amps

EDGEWISE METER 0-8 A DC; 1.9"W x 3/4"H; #D2588, \$7.00

FULL SCALE = indicated:

0-25 ADC, 3.5" rd, NEW \$12.00

ES=30 ADC, 2.8" rd, Automotive, Black face, \$8.00

ES=45 ADC, 2.2" rd, Automotive, Black face, \$8.00

FULL SCALE = 50 MV:

0-15 ADC 3.5" rd black, \$7.00

0-30 ADC 2.5" rd, used, \$6.95

0-500 ADC 4.0"Hx 4.5"; Mfg by Weston USED, \$10.00

AC Voltmeters

0-2 VAC, 2 1/4" rd white face, Non-linear, used, \$4.95

5.6-7.0 True Volts RMS, 3.5" rd, #S00-7V, Used, \$10.00

0-10 VAC 2.5" rd, Unused, \$6.00



VTVM METER 1-10 VAC scale expanded with 3.5 V centered; also 0-20 DB. 4.5" rd. #0899, NEW \$6.95

DC Micro Amps

FS=50 UA DC, scale -30 -+150 w/"O" center; 2.5" rd sealed. #TRC30150, \$4

FS=100 UA DC, sealed USED: 3.5" rd, Red-Green-Red, \$6.00

ES=100 UA, 0-center Null scale; 2.5" rd. sealed. \$6.95

ES=100 UADC, 3.5" rd, Scale -10 to +10 %, Black face, Used, \$6.00

100-0-100 ua mirrored scale; indicated 1-0-1 / 500-0-500. 4.5"Wx 4.3"H, #M1/FLUKE used, \$10.95



FS=200 UADC clear plastic 2.5"Wx2.3"H meter with non-linear scales for 0-10 watts, 0-100 VSWR, 0-100 % Mod. Used, \$4.00

0-200 UA DC, various used 2.5" rd, \$6.

0-200 UADC and -8-0+6 DB, 2.5" rd. sealed. NEW, \$4.95

FS=200 UA, 0-50 NULL METER 4.2"H X4.5"W; Simpson-style. NEW, \$10.



500-0-500 UA DC; 3.5"W X 3"H HOYT mfg. Scale: -50/-100-0+50/+100 maDC, -25-0+25 VDC. new, \$9.95

ES=500 UA DC, 0-center scale 1-0-1 / 30-0-30; 2.5" rd sealed. unused \$6.95

DC Milliamps

1-0-1 MA DC, 2.5" rd sealed; various mfg. USED, \$5.95

FS=5 MA DC, 0-150 VDC scale 3.5" sq. USED, \$6.95

FS=25 MA DC, 0-25/100/200 scale; 2.5" rd. USED, \$5.95

50-0-50 MA DC, 3.5" dia; Weston 301 or =, UNUSED, \$7.00

100-0-100 MA DC, 3 1/2" rd Weston 301, USED, \$5.95

150-0-150 MA DC, 3.5" round Simpson. UNUSED, \$7.95

Shunts

FS=50mv: 10 amps, o/a 1.3x2x1.7, Used, \$7.50

30 amps, o/a 1.3x2x1.7, Used, \$6.00

200 amps, o/a 1.4x6x0.8, Unused, \$4.

FS=100mv: 25 amps, o/a 1.5x6.1x1.2, Unused, \$10

AC Amps

50-300 MA AC, 2.5" rd sealed. UNUSED, \$10.00

FS=1 AMP AC, scale % Rated Current; 3.5" rd sealed, \$5.95

FULL SCALE = 5 amps AC; transformer required for indicated scale (not available):

0-125 A, 3.5" dia. \$9.00

0-150 A, 2.5" dia. \$8.00

0-100-200 AC AMPS FS=5 A GE-YOKO 2.5" sq. \$8.95

Various Meters

-- MATCHED METER SET --



#M15V-12A with 3.5" dia sealed meters 0-15 VDC and 0-12 ADC w/ shunt. Used, \$20.00

----- RF AMMETER -----

0-10 ANT-CURRENT (750 RF MA), 2.5" rd. USED, \$10.00

----- DB METERS -----

-7-0+7 DB, FS=501.5 ua; 3.5" rd blk face sealed. NEW, \$5.00

-4-0+6 DB 1 MW, FS= 1 MA; 2.5" rd sealed, used, \$4.00

-6-0+3 DB, FS=200 ua 2.5" rd sealed; used, \$4.95

I-177 TUBE TESTER METER

Micromhos, used, \$25.00

-- METER ASSORTMENT --

Seven U.S. mfg meters 2 1/2" x 3 1/2" - up; mixed odd scales, FS-100 ua and up-- no choice; 3 lbs sh. \$10.00

- I-70 B TUNING METERS -

"Tune for Max" meter used in many WW-2 radio remote control boxes such as BC-311, BC-434 & C-4/ARN-7; 2.1x2.1x1.6, 1 lbs. USED, \$10.00



Galvanometers

Used in test bridges to indicate slight variations in current; 1 mm increments:



LEEDS & NORTROP #18876, 10-0-10 scale, sens 0.1 ua/mm. CDRX 10K ohms; 500 system res. Period 4 sec; w/ Balance "lock". Behind panel: 4"D x 1" dia; front 3"H. New, \$25.00

GALVANOMETER 15-0-15 scale, sens 1 ua/mm. Meter coupled to mirror for photo-optic read. No Balance "lock". Behind panel 3"D x 2" dia; front 2.5" di, 2lbs shipping. #GALV-726667, \$18.00



Pressure Gauges



0 to 15 PSI Pressure Gauge by USG. 2.1" round with 1/8" fitting and brass coupling. #PS-15, Used, \$7.95

0-60 PSIG & 0-4 KG/CM; 2.1" rd w/ 1/2" dia fitting. #PG-60PSI, NEW, \$5.50



DURAGAUGE 7.5" 0 TO 300 PSI PRESSURE GAUGE. 1 PSI graduations. Quality metal construction. Face is 5.5" dia. with 3/8" fitting on back of gauge. Mounts on rear flange. 5 lb sh. Ashcroft "r", #PG-300 unused \$29.95

PRESSURE REGULATOR 0-500 PSI. Seems to be a quality unit, but no mfg. or country of origin on the unit. 2.5x1.8 x3.3, 2 lb sh. #PR-500, \$7.95



#M6000-PSI, 0-6000 PSI 4" dia 270 degree scale; 7/16" di fitting. O/a 6" dia. NEW, \$14.00

Water Gauge



3 1/2" Round Gauge reads negative 80 thru positive 80 "Centimeters of Water" in increments of 2. Has 1/8" threaded hole on back. Made by Marshall Town #92361, Unused, \$7.50

Frequency Meters

60 / 400 HZ REED FREQUENCY METER two reeds--one 60 Hz, one 400 Hz-- vibrate when freq approached. Use a 20K ohm resistor for 115V operation. 2" dia; fit 1.5" hole. #FM-TS382, used, \$9.95



Running Time Ind.

Mechanical 4- digit 115 V 60Hz. 0.8" Hx.1" W bezel; fits 0.6" sq hole. #K49201P2 New, \$13.00

3 1/2" Round Running Time Meter by Cramer Division Type 635EAA. Requires 115VAC 60Hz at 2.7 watts. Reads upto 999,999 hours. Reads in one hour increments only. Does not read in tenths. 3/10 RPH. 3" depth. Comes with mounting hardware. #RTM-115, Unused, \$19.95



Same as above except 440VAC 60Hz and reads upto 99,999 hours, #RTM-440, Unused, \$14.95

28VDC Hour Meter by Airpax. Reads up to 9,999 hours. Does not read in tenths. 5/8" diameter x 2" deep. Comes with a 2 hole mounting flange. 1lb sh. #TIMER-28V, Used excellent, \$13.00

12VDC Counter

6-Digit Mechanical Counter 12 VDC nonresettable; black numerals on white. Rear mount flange; o/a 1.3"Hx1.5"Wx2.5"D, 1 lb. #E07B10DC12, New \$2.95



CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

500 MHz H-P Counter



HP-5345A ELECTRONIC COUNTER, solid-state 9-digit plug-in type measures DC to 500 MHz channels A & B

without any plug-in. Function Select: Plug-In, Freq A, Period A, Time Int A to B, Ratio B/A, Start Stop. Channel controls 50 or 1 M ohm input, x1/x10 Atten, AC-DC, and Level. Requires 100/120/220/240 VAC 48-66 Hz; 5.3x 16.8x19.5, 42 lb sh. USED-reparable, \$250

HP-5328AF/096 ELECTRONIC COUNTER, solid-state modular design; counts upto 512 MHz on 9-digit LED display. 10 MHz reference



oscillator, input for external freq-standard. Universal 100 MHz Module controls Channels A & B functions LEVEL, AC-DC select, ATTN 1-10-100, and Marker output. Sensitivity 25 MV to 40 MHz; 50 MV 40-100 MHz. Channel C module provides 5-512 MHz range, 15 MV rms sensitivity. Trigger fixed; 50 ohm impedance. With Option 011 HP-1B computer interface & manual repro. Requires 100/ 120/220/240 V 48-66 Hz; 3.5x 18.5x19, 28 lbs. USED-REPARABLE, \$195 CHECKED, except for HP-1 computer interface, \$450.

18 GHz Counter



HEWLETT-PACKARD 5340A FREQUENCY COUNTER, covers 10 Hz to 18 GHz with auto-

matic amplitude discrimination feature allowing counter to select largest signal in 250 MHz-18 GHz spectrum. Has 8-digit display. Sensitivity -30 dBm, 10 Hz-500 MHz; -35 dBm 500 MHz-10 GHz; -25 dBm 10-18 GHz. Input impedance 50 ohms; 10 MHz crystal time base. Has Self-Check and N and BNC input connections. Requires 115/230 VAC 48-66 Hz; 3.5x 16.8x18.8, 31 lbs sh. USED-CHECKED, \$1095.00

SWR Measuring Set

AN/USM-37D STANDING WAVE RATIO MEASURING SET for SWR measurements over 3 to 12.4 GHz. Consists of Hewlett-Packard 415E SWR



indicator, 444A untuned probe, 806B 3-12 GHz coaxial slotted section, 809B slotted carriage, H810B (7-10 GHz) & X810B (8.4-12 GHz) waveguide slotted sections, H & X281A waveguide to coax adapters, HX292B waveguide adapter and fiberglass case. Range 70 DB in 10 & 2 DB steps. Meter scales for SWR: 1-4, 3.2-10 (NORM), 1-1.24 (EXPANDED) and DB: 0-10 (N) or 0-2 (Exp). Requires 115/230 VAC 50-400 Hz. HP415E: 7.8x6.2x11; 40 lbs. Used reparable w/book, \$295.00

H-P Microwave

HEWLETT-PACKARD, 5 lbs sh. USED:

J532A, 5.3-8.2 GHz, \$195.00
P532A, 12.4-18 GHz, \$195.00
X532B, 8.2-12.4GHz, \$165.00
536A, 0.94 - 4.2GHz, \$50.00
537A, 3.7-12.4 GHz, \$195.00

VARIABLE MICROWAVE ATTENUATORS: 15 lbs

G382A, \$195 J382A, \$195
P382A, \$150 S382C, \$195 X382A, \$50



DIRECTIONAL COUPLERS: 2 lbs sh.

G752C, \$99 J752D, \$125
P752A, \$99 R752A, \$125
X752C, \$99 X752D, \$99



Test Equipment Blow Out!!

All test equipment listed below is used reparable

ALLISON LAB #2CR HP/LP FILTER 600 OHM,	\$135	5327B Timer Counter DVM,	\$120.00
AUSTRON 2100B DISCIPLINED FREQ. STAND.	\$495	5342A FREQUENCY COUNTER, 10 Hz to 18 GHz in two ranges; 11-digit display, Opt 001 high stability time base; 002 amplitude measurement.	\$1295
2000C LORAN C FREQUENCY MONITOR,	\$495	6205B Dual DC Supply 0-40V .3A, 0-20V .6A,	\$85.
BALLENTINE 303-01 30HZ-8 MHZ RMS VOLTS,	\$125	8403A MODULATOR CONTROL w/ 8732B, 8733B or 8734B PIN modulators, part of 141 spectrum	\$250
6310A Test Oscillator 10Hz-1MHz,	\$139	8614A RF GENERATOR, 800-2400 MHz,	\$300.
9632M Digital Voltmeter,	\$79	8708A Synchronizer phase-lock for 606B,	\$150.
Biddle 72-433 Wheatstone Bridge,	\$100.00	8742A REFLECTION TEST SET, 2-12 GHz,	\$250.
Boonton 74D Capacitance Bridge,	\$200.00	8743A/B REFLECTION TEST SET, 2-12.4 GHz,	\$295
76A 1MHz Capacitance Bridge,	\$150.00	8900B PEAK POWER CALIBRATOR,	\$79.00
91DA RF Voltmeter w/ probe,	\$99	86230B 1.8-4.2GHz 10mW PLUG-IN,	\$295.00
91M RF MILLIVOLTMETER no probe,	\$69.00	86241A 3.2-6.5GHz 3.2mW PLUG-IN,	\$350.00
Collins 979X-1 Radio Test Set,	\$295.00	86242D 5.9-9.0GHz 10mW PLUG-IN,	\$300.00
7303-A4D TEST GENERATOR,	\$295	Krohn Hite 3202R Dual HP LP Filter,	\$225.00
Cushman CE21 Level Meter,	\$250.00	4141R Programmable Oscillator,	\$295.00
EDC 501 Programmable DC Voltage Standard,	\$135	7500 Amplifier,	\$450.00
ESI 250DA, RLC Impedance Bridge,	\$129.00	LEEDS & NORTHROP 2 4735-S Wheatstone Bridge,	
252 Impedance Meter,	\$295.00	0.01-1111M ohm,	\$175.
291 RLC Bridge; Large Classroom - Lab Unit,	\$239	4754 AC-DC Decade Resistor, 0.001-10 scales	\$75
ESI Bridge consists of: 840R DC Generator Detector,		4755 AC-DC Decade Resistor, 0.01-100 scales	\$75
860R AC Generator Detector, &		7553-K3 Potentiometer/U-Voltmtr, 0-1.6 V,	\$195
290R Impedance Bridge,	\$295.00	7555-K5 Potentiometer/U-Voltmtr, -5 uv-1.6 V	\$295
Eaton NM65 1-18GHz EMI		MARCONI TM7816 12 Channel Noise Generator,	\$145
Field Intensity Meter,	\$1400.00	Mettler H54 Scale,	\$250.00
Electrometric Spectrum Analyzer consists of:		MILITARY DA-727 DUMMY LOAD,	\$175
CRM-25 Metering Module, SPD-125 Display, PP-125 Spectrum Display Control, EMC-25 MKIII Interface Analyzer 10KHz to 1GHz,	\$625.00	OS-8 Training Scope DC-2MHz,	\$45
Fluke 332D/AB DC CALIBRATOR,	\$595.	TS-62 ECHO BOX,	\$75
335A DC VOLTAGE STANDARD 1 uv-1K V,	\$645	TS-147F X-Band Test Set for 8470-9630 Mhz,	\$175
343A DC Voltage Calibrator,	\$295.00	TS-268E Crystal Rectifier Tester, used,	\$16.95
893A AC-DC Differential Voltmeter,	\$195.00	unused, \$22.00; Manual, \$8.50	
1953A Portable Counter,	\$99.00	USM-117 Scope DC-5MHz,	\$100
4210A BCD Programmable Voltage Source,	\$295	USM-338 Scope DC-75MHz w/ H.D. Case,	\$250
5200 AC Voltage Calibrator,	\$595.00	MILLIVAC URM-145B RF Voltmeter w/ Probe,	\$169
8000 Series Digital Multimeter, Portable,	\$39.00	Phillips PM 3212, 5" rect, Portable, Dual, TV, 25MHz,	\$129
GENERAL MICROWAVE 460B Frequency Meter,		PM3233, 5" rect, Dual, TV Trig., 10 MHz,	\$99
no probe, with manual, UNUSED,	\$99.00	Polarad 1108A 6.9 - 11.5 GHz Signal Gen.,	\$199.00
GENERAL RADIO 1310A Oscillator 2Hz-2MHz,	\$119	RACAL 9303 DIGITAL RF LEVEL METER, 9 ranges 300 uV to 3 V; 100 KHz-2 GHz.	\$275.
1607A Transfer Function & Immittance Bridge with 1607PS Range Extension Unit, 1607P3 Air Variable Capacitor, in a wood transit case,	\$295	RFL 829 CALIBRATION STANDARD,	\$350.00
1633A Increment Inductance Bridge,	\$850	ROCKLAND 5100 Synth., 0.001Hz-1.999MHz	\$400.
1650B IMPEDANCE BRIDGE f/C, R, L, D, Q,	\$350.	SIERRA 128A Freq. Sel. Voltmeter w/ manual,	\$145
Gertsch PT-5R Standard Ratio,	\$75.00	360B SPECTRUM DISPLAY w/ manual,	\$150
RT2 Ratio Transformer,	\$75.00	470A-500 Hi Pwr Sig Gen 10-80W 190-260MHz,	\$100
RT3 Ratio Transformer,	\$75.00	1914C Data Transmission Test Set,	\$200.00
RT7 Ratio Transformer,	\$75.00	SIMPSON 467 DIGITAL RMS VOLTMETER,	\$125
HP-181TR MAINFRAME f/ spectrum analyzer,	\$295.	Systron-Donner 6152A Counter,	\$79.50
200CDR Wide Range Oscillator Rack Mt,	\$69.00	TEK 106 SQUARE WAVE GEN. 10Hz-100KHz,	\$119
201ABR Audio Oscillator Rack Mt,	\$59.00	114 PULSE GENERATOR 100ns-10ms,	\$129
211B Sq. Wave Gen., 1-10 MHz, 600 ohm,	\$59.00	190B Constant Amplitude Signal Generator,	\$125.
214A 10Hz - 1MHz 200W Pulse Generator,	\$150.	230 Digital Unit,	\$200.00
350D ATTENUATOR,	\$59.00	453 SCOPE, DC-50M dual, with rack mount,	\$175.
400 RMS Vacuum Tube Voltmeter Meter,	\$59.00	454A SCOPE, DC to 150 MHz dual trace,	\$295.
419A DC NULL METER, 3 uv-1 KV,	\$125.	564 STORAGE SCOPE, less plug-in	\$149.00
431C POWER METER LESS THERMISTOR-N/A	\$75	575 Transistor Tube Tracer,	\$225.00
652A Test Oscillator, 10Hz - 10MHz,	\$125.00	585A 80 MHz SCOPE w/82 dual-trace plug-in	\$180
940A Frequency Doubler,	\$225.00	SCOPEMOBILE CART for Tek 500 series	\$60.
1600A LOGIC STATE ANALYZER (SCOPE),	\$199	604/606 X-Y MONITOR,	\$149.00
3495A Multiplexer Scanner,	\$150.00	RM 647 Scope Dual Trace Rack Mt,	\$129.00
3555B Transmission & Noise Measuring Set,	\$99	922, 5" rect, Portable, Dual Tr., TV, 15 MHz,	\$199
3582A Spectrum Analyzer,	\$1400.00	932 SCOPE 35 MHz (similar to tek 922),	\$209.00
3746A Selective Level Measuring Set (opt 005, 088, H39), 50 Hz-32 MHz w/1 Hz resolution.	\$995	5110 Rackmount Scope Mainframe,	\$85.00
3590A Wave Analyzer with plug-in,	\$190.00	7603 Rackmount Scope Mainframe,	\$150.00
4437A Attenuator 0-119.9 DB, 600 ohm,	\$99.00	WAVETEK 24D LOW PASS FILTER,	\$189
5180A WAVEFORM RECORDER,	\$1450.	154 Prog. Waveform Generator 0.001Hz-10MHz,	\$395
5245L COUNTER less plug-in upto 50MHz,	\$69.50	157 Prog. Waveform Synthesizer,	\$225.00
5253B PLUG-IN 50-500MHz,	\$50.00	159 Waveform Generator,	\$375.00
5257A PLUG-IN 0.05-18GHz,	\$250.00	172B Programmable Signal Source,	\$325.00
5300A MEASURING SYSTEM COUNTER 50MHz,	\$100	182A 4MHz Function Generator,	\$150.00
		Weinschel Eng. 1810A Stabilized RF Ratio Mtr,	\$295

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Wavetek Power Meter



The Wavetek model 1018B LOG/LIN RF Peak Power Meter, measures RF power in 9 ranges from 100 uW to 10 mW. It is also calibrated in dBm (-20 dBm to +10 dBm). Direct input is 200mW maximum (peak or average). Controls for Trigger Delay, Cal Factor, Trigger Reset, Pulse Average, Trigger, Internal Trigger Level, Cal Factor, Calibrator. 14 x 17 x 5.7, 21 lbs sh. Unused, \$995.00

Power Meter

MODEL DPM-3 RF POWER METER, has 50 and 150 watt ranges and converts the frequency range of 30 to 600 MHz. Type N connection for input, air cooled, 50 ohm impedance. Power reading shown on 3.5" diameter FS=200 ua metr; 7.5 x 5.5x16.5, 9 lbs sh. Used checked, \$99.50



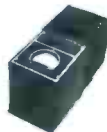
URM-120 Wattmeter



URM-120 Wattmeter measures incident & reflected RF from 10 to 1000 watts over 2 to 1000 MHz. Uses three plug-in coupler elements CU-753 (2-30 MHz, 50-100-500-1000 W), CU-754 (25-250 MHz, 10-50-100-500 W) and CU-755 (200-1000 MHz, 10-50-100-500 W) that fit TS-1285* meter. Max-insertion VSWR 1.08 (1.05 for CU-754/755, 500 W range). Power selectable on each coupler. TS-1285* has 3.5" dia meter, 0-10-50 W scale and N conn. W/transit case & manual. 5x4.8x7.3, 20 lbs URM-120, (TS-1285 etc), used-reparable, \$175.00 URM-120A, (TS-1285a etc), used-reparable, \$220.00

ME-82/U Wattmeter

Wattmeter for 50-600 MHz range 120 watts at 52 ohm input. Has non-linear scales 0-120 W 2.5" dia meter & C connection. 5.8x6.8 x13.5, 17 lb USED, \$65.00



Dummy Load



DA-189/GRC Dummy Load, portable 50 ohm unit operates over 600 to 1850 MHz range @ 40 watts max. Output indicated on 3.5" dia meter; "C" input connection. 4x4x10, 9 lb. used \$40.00

Noise Level Meter

Northeast Electronics TTS37BR Noise Level-VU Meter, 1 & 10 db/step attenuators measures level +23 to -95DBM; Noise 13 to -5 DBRN. Input impeded 900 & 600 ohm circuits balanced/unbalanced, terminating or bridged. Sensitivity -80 DBM @ 0 DB. Has large VU-meter with scales -15 to +3 VU-DB, -5 to +13DBRN. 8.8x19x7.5, 15 lbs. Used Reparable w/book, \$99.50



Wheatstone Bridge



ZM-4 Wheatstone Bridge used to measure DC resistance. Resistance measurement range 1 ohm to 1.011 M ohms +/- 0.15%; As a resistance substitution box it is adjustable in 1 ohm steps from 0-10110 ohms.

The current limit of the resistors is 16-500ma depending on setting. Galvanometer indicates balance in test circuit. Requires three "D" batteries. Also 22.5 to 200 VDC for more accurate readings above 1000 ohms. Can be used as a precision resistor substitution box. 5.8x7.3x8.8, 12 lbs sh. Used Reparable, \$34.50; Used Reparable less galvanometer, \$17.00 Used Checked, \$49.50; Manual repro, \$12.00

Mini Multimeter



Miniature Multimeter by Soltec #HM-102S. DC Voltage Ranges: 0-0.25, 2.5, 10, 50, 250, 500,1000V. AC Voltage Ranges: 0-2.5, 10, 50, 250, 500, 1000V. DC Current Ranges: 0-50uA, .5, 50, 500ma. Resistance Ranges 0-20 megohms in 4 ranges. Meter

comes with carrying handle, and test leads. Requires one 9 volt and two AA batteries. Batteries are supplied with unit but are NO GOOD. Meter size: 1.7x3.9x5.3, 3 lbs sh. Unused, \$8.95

ME-77 Multimeter

ME-77/URM-105C VOLT-OHMMETER, handy meter in ruggedized plastic case has DC & AC ranges 0-10-100-1000 V; resistance 0-2K-20K-200K-2M-20M ohms. Response 30 Hz-10KHz; has 3.5" dia FS=50 ua-meter. Requires two AA batteries for X1-X10-X100 ohms; 22.5 VDC battery (not available) for X1K-X10K ohm scales. With test leads. 6.6x4x3.3, 3 lbs sh. USED, \$24.95



ME-297 Multimeter



ME-297/USM-223 FET MULTIMETER measures AC-DC volts to 5000 V in sequential ranges 2.5-10-50 to 5 KV, AC-DC 1000 ohm/V or DC 20K ohm/V. Also DC current to 10 amps in full scale ranges 0.25-2.5-10-50-100-500 MA DC and 2.5-10 amps. Resistance scales X1K-10K-100K-1M-10M ohms.

Includes rugged plastic case, 4.5" dia FS=50 ua meter, red-black test leads and front cover. Requires 6-PXB1 1.3 V & 1-"C" batteries (not supplied). 6x7.4x8.8, 7 lb. Used-Reparable, \$34.95; CHECKED, \$54.95 Units converted so they require two double A and one C battery, CHECKED, \$89.50 MANUAL partial repro, \$8.50

Line Tester

VOLTS, FREQUENCY, POLARITY INDICATOR, handy safety item allows "quick" test of an unknown electrical line to determine its general characteristics. "Glow" lamps show Volts 28, 115, 250 DC/220 AC, 500 DC/440 AC; Frequency 60 or 400 Hz; Polarity red-black Negative when red & black probes are inserted into line. 2.8x5.4x2.5, 2 lbs. shipping. AUL Model 1604, NEW, \$15.95



Voltage Tester



Voltage Tester by Ideal #61-067. Tester checks for 110 to 550VAC; 110 to 600VDC; 25 to 60Hz frequency; Identifies AC or DC; Checks circuit continuity; Determines DC polarity; Finds blown fuses, grounding and leakage. Comes with the test leads featuring safety shield prod tips. 1.5x2.4x6.4, 3 lbs sh. Unused, \$25.00

Hickok Multimeter



Hickok 1605M Solid State Multimeter, achieves high gain by using chopper to allow use of AC coupled amplifiers; Frequency range for AC measurements 20Hz to 700MHz. Full scale ranges 0-300VAC in seven steps and 0-1500VDC in eleven steps. 0-150maDC in eleven. 0-500

Megohms in steps Rx10 thru Rx10M. Includes AC and DC probes, two test leads, coaxial RF adapter, and manual repro. Requires 115/230VAC 50-400Hz. 10.5x5.5x8, 13 lbs sh. Used Reparable, \$85.00; Checked, \$125.00; Manual Repro, \$15.00

HP-410C Voltmeter, similar to above built less AC probe, Used Reparable, \$69.00; Manual repro, \$10. Probe for above WITH SET PURCHASE ONLY, \$99

HP-400GL Voltmeter

HP-400GL ANALOG AC VOLT-METER, ranges 0.1 to 1000 V-rms in 8 decade steps; -80 to +60 db in 10 db steps. Response 20 Hz-4 Mhz; output 1 Vrms open circuit. Input im-pedance 10 megohms. Requires 115/230 VAC 48-440 Hz; 6.3x5.x11, 9 lbs sh. USED-CHECKED w/book, \$135.



HP-400E, similar to above but 1mV to 300V-rms, Used Reparable, \$69.50; Manual repro, \$12.00

DC Voltmeter



ME-440/USM-381 DIFFERENTIAL DC VOLTMETER, similar to Fluke 896A; ranges 0-10-100-1000 VDC. Probe for 1100 V (upto +/-5 KV common-mode) and 15 KV multiplier input. NULL ranges 0.01-0.1-1-10-100V -TVM used with 5-digit scaler as differential meter. Solid-state; w/cover & operator info. 115/230 V 60 Hz; 11x12.5x15, 30

lbs shipping. USED-REPARABLE, \$45.00

HP-3586B Voltmeter

HP-3586B FREQUENCY SELECTIVE VOLTMETER, measures tone level, idle channel noise, weighted noise at voice & compare to carrier frequency over 50 Hz to 32.5 Mhz @ 75 ohm input; voice level over 50 Hz to 100 Khz @ 600 ohms. Amplitude + 20 to -130 dBm; resolution to 0.01 dBm. Option 003 measures phase jitter, noise-with-tone, signal-to-noise with tone ratio and single level impulse noise. Push-button control & entry; HP-1B programmable. NA Bell standard. Requires 100/120/220 /240 VAC 48-66 Hz; 7x16.8 x18.4, 62 lbs sh. USED-REPARABLE, \$595.00



Vector Voltmeter



HEWLETT-PACKARD 8405A VECTOR VOLT-METER, measures both magnitude and phase over 1 to 1000 MHz in 21 overlapping bands. Also capable of determining insertion loss, group delay of bandpass filters, complex impedance of mixers and antennas, RF distortion and in-circuit probing. Ranges: 100 uv to 1 V-rms full scale in 10 db steps. Phase: 360 degrees on 0-center meter with end scale ranges +/- 180, 60, 18 and 6 deg. Band-width: 1 KHz. Requires 115/230 VAC50-400 Hz; 7x16.8x18.4, 36 lbs, Used Reparable with manual repro, \$295.00; Unused, \$595.00

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H-P Analyzer



HP-312B ANALYZER / FREQUENCY SELECTIVE VOLT-METER, 1 KHz to 18 MHz AM, AM AFC, BEAT, USB, LSB in 18 overlapping bands indicated on 7-digit readout.

Synthesizer for tuning phase-locked in 1 MHz steps. Bandwidth 200, 1000 or 3100 Hz. Reference level -40 to +20 DBM in 10 DBM steps. Amplitude -60 to 0 DB in 10 DB steps. Impedance selectable 50, 60, 75, 124, 135, 150 or 600 ohms balanced or unbalanced. Audio output > 0.5 V rms into 10K ohm full scale deflection. Recorder output 1 V full scale deflection open circuit. Requires 115/230 VAC 50-400 Hz; 16.8x10.5 x 18.8, 51 lbs. USED-REPARABLE, \$195.

HP-310A, earlier version of above. 1KHz - 1.5MHz. Repairable with book, \$125.00

HP-3581A Analyzer

HEWLETT-PACKARD 3581A WAVE ANALYZER, separates and measures frequency and amplitude spectral components



over 15 Hz to 50 KHz with 1 Hz resolution. Uses 5-digit LED freq. readout & analog meter for amplitude analysis. Meter scales: Volts (30 V - 100 nV linear), 90 dB or 10 dB display (+30 dB to -150 dB log). Sweep scan width adjusts 50 Hz - 50 KHz. Requires 100-120/200-240 V 48-440 Hz; rackmount: 10.5x 19.3x16.3, 30 lbs sh. USED-CHECKED, \$395.

Distortion Analyzer



HEWLETT-PACKARD 331A DISTORTION ANALYZER, measurement of total distortion 0.1%-100 % in 7 ranges over 5 Hz to 600 KHz; harmonics to 3 MHz. 1 KHz filter attenuates frequencies below 400 Hz. Fundamental rejection >80 DB. Meter indicates 300 uv to 300 V rms in 13 ranges, 10 DB per range. Requires 115/230 V; 16.8x5 x15.3, 24 lbs sh. USED-CHECKED w/manual, \$225.00

HP-332A similar to above but has AM Detector, \$235
HP-333A similar but w/ auto null & no AM Det., \$275
HP-334A similar but w/ auto null & has AM Det., \$295

Audio Output Meter

TS-585 OUTPUT METER for audio amps, filters, oscillators. Ranges 0.1-5 mw, -10-+7 dbm; 1-50 mw, 0-+17 dbm; 10-500 mw, +10-+27 dbm; 100-5000 mw +20-+37 dbm read on 3.5" dia meter. Multiplier circuit x0.1, x1, x10, x100 allows input impedances 2.5 to 20000 ohms in 40 steps; 30-10000 Hz response. 8.5x11x5.5, 17 lbs sh. USED, \$69.50; MANUAL, partial-reproduction, \$8.50

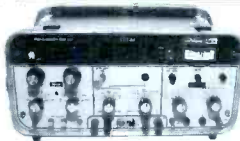


Audio Test Set



MARCONI TF2005 DUAL AUDIO TEST SET, low distortion unit (designed <0.05%) consists of two 20 Hz-20 KHz oscillators, 0.1-111 dB T-attenuator and voltmeter. Output 15 dBm into 600 ohms. Attenuator balanced 75, 150, 600 ohms 1 W max; unbalanced 600 ohms. Voltmeter ranges 1.5, 5, 15, 25 V; dB ranges +10, +20, +24. Requires 115 VAC 50-60 Hz; 7x17x11, 32 lb sh. Used Repairable with output, \$195.00

Transmission Test Set



Northeast Electronics TTS-44 Transmission Test Set. A useful device for test and measurement of audio VLF-RF frequencies up to 99.99 KHz. Has a four digit display switchable from Hz to KHz, and an edgewise DB meter.

Also, has a small front mounted speaker with level control. Send portion of unit generates frequencies in presets (404,1004,2804 Hz) and variable ranges (35 - 375 Hz, 375 - 4.5 KHz, 4.5 - 60 KHz) and has an output attenuator from -40 to +10 db in six ranges. Both send and receive have two independent channels with bridged and terminated binding post and phone plug connections. 120VAC, and self contained battery operation (no warranty of battery condition) 12.7 x 15 x 7.5, 33 lbs sh. Used repairable, \$69.50 Manual Repro for above, \$20.00

Communications Test Set

Schlumberger Stabilock 4031 Communications Test Set 0.4 - 1000MHz for testing of receivers and transmitters. This unit includes the following functions and more: signal generator, test receiver, frequency counter, power meter, modulation meter, audio generator, VSWR meter, AF power meter, rms voltmeter. These units are in excellent condition and pass their self test. We have run some of the functions, but this instrument has so many functions we could not fully test it. Satisfaction guaranteed. 21.5x14.7x9.4, 46 lbs sh. Used excellent, \$4000



PRICE REDUCED

H-P Audio Oscillator



HP-201C Oscillator, Vacuum Tube Type covers 20 Hz to 20 KHz in 3 ranges; output 3 W (42 V) into 600 ohms; 50 V max no load. Distortion <0.5%; Attenuator 0-40 DB in 10 DB steps. Requires 120VAC 50-400Hz. 7.5x10.8x12.5, 20 lbs sh. With manual repro. Used Repairable, \$85.00; Checked, \$119.50

URM-127 Audio Oscillator

AN/URM-127 SOLID-STATE AUDIO OSCILLATOR, 20 Hz to 200 KHz in four bands. Metered output 0-10 Vrms into 500 or 1000 ohms in 7 decade ranges. Design accuracy +/-2%; stability +/-0.5%. Requires 115 VAC 50-70/380-420 Hz. 7.5x13x4.5, 15 lbs sh. USED-REPARABLE, \$55.00; CHECKED, \$100.00



AN/URM-127A newer version, but no frequency meter. Used repairable, \$65.00 Checked, \$120.00

MANUAL for URM-127 or A, partial repro, \$12.00

Shalco Attenuator



Shalco Attenuator Network #12851-1 is a 600 ohm impedance, decade type, unbalanced "T" circuit direct reading unit providing accurate performance in the low radio frequency spectrum, and usable over the range from 0 to 10 MHz. Accuracy +/- (.5% + .03 dB) of setting when checked at 1KHz. Unit has a range of 0 to 110dB in 1 dB steps and is equipped with 3/4" spacing 5 way binding posts. 7.5x12x5.3, 8 lbs sh. Unused, \$149.50

HP Carrier Test Set



HEWLETT PACKARD 350A CARRIER TEST SET for field testing transmission line and system characteristics.

Includes solid-state 204C Oscillator, 493B Voltmeter, and 353A Patch Panel described below in transit case. Regulating batteries removed; 8.4x19.3x13.3, 36 lbs sh. Used Repairable, \$169.50; Manual repro, \$25

HP-204C AUDIO OSCILLATOR, AC line or rechargeable battery operation. Unit provides frequency from 5 Hz to 1.2 MHz in six overlapping ranges. Delivers an output voltage of >2.5 V-rms (10 mW or +10 DBM) into 600 ohm. Includes Sync Output: > 100mV-rms into <100pf over entire range. 5.1x6.3x8, 9 lbs sh. Used Repairable, \$90.00; Manual repro, \$12.00

HP-403B AC VOLTMETER, measures 0.001 to 300V-rms in 12 calibrated steps, -60 to +50 DB in 10 DB steps. Response 5 Hz - 2 MHz. Requires 115/230 VAC and four 6 V 225ma batteries in regulating circuit. 5.1x6.3x8, 9 lbs sh. Used Repairable, less batteries, \$69; Manual repro, \$12.00

HP-353A Telephone Patch Panel, 50Hz-560KHz. Output impedance 135, 600, and 900 ohms. Step 600 ohm attenuator. 2 pair of matching transformers primary 600 ohm, sec 135, 600, 900 ohms. 5.1x6.3x8, 9 lbs sh. Used, \$30.00

Service Monitor

Singer Model CSM-1 Communications Service Monitor, serves as three instruments in one unit: Signal Generator, Frequency Meter, and



an Amplitude Modulation meter. As a signal generator it covers 50 KHz - 512 MHz with 1 ppm direct synthesized frequency accuracy and stability and has calibrated output levels in 1 db steps from -110 dbm to 0 dbm (0.7 uv - 224 mV rms). As a frequency meter it measures the frequency of a received signal at a level as low as 2 uv, either via antenna or direct connection, at an accuracy of +/- 1 ppm. As an amplitude modulation meter it measures the percentage of amplitude modulation of received signals in two ranges 0-30% & 0-100%, to within an accuracy of +/- 8% of full scale deflection. 17.1x16.2x9.2, 50 lbs sh., used repairable with op's manual, \$275.00 Maintenance Manual Repro, \$65; Schematic only, \$15

H-P Sweep Generator



HEWLETT-PACKARD 8601A SWEEP GENERATOR, compact unit covers 100 KHz to 110 MHz in two bands 0.1 -11 & 1 - 110 MHz; +/-1% design accuracy. Output +20 to -110 DB in 10 DB steps w/ 13 DB vernier; CW or Sweep SYM-Video-Full. AM-FM modulation 1 KHz. Requires 115/230 V 60 Hz. 6 x 7.8 x 16, 26 lbs sh. Used-Repairable w/ output & book, \$395

Time Marker Generator

AN/USM-441 Time Marker Generator (equal to Ballantine 6130A) is a precise, high quality calibration tool used to check and calibrate the sweep ranges of oscilloscopes with bandwidths to 250 Mhz, as well as sampling oscilloscopes, frequency counters, spectrum analyzers and signal generators. It can also serve as a secondary time standard, and additionally offers a convenient method for checking raise-time alignment of oscilloscope vertical amplifiers. Unit provides four different, time coincident outputs: time markers, high frequency sine waves, trigger period intervals (square waves), and a 10MHz crystal clock output. Requires 120VAC 60Hz. 12.5x8.3x6, 9 lbs sh. Unused, \$125.00



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Noise Generator



GENERAL RADIO 1390B RANDOM NOISE GENERATOR, produces wide-band noise of uniform spectrum for telephone transmission, vibration and acoustical tests. Freq: 5 Hz to 5 MHz

in ranges 20 KHz, 500 KHz & 5 MHz; multipliers X1, X0.1, X0.01, X0.001. Output variable 30 uv to 3 V @ 20 KHz. Requires 105-125/210-250 VAC 50-60 Hz; 7.5x12.8x9.8, 16 lbs sh. Used Checked, \$125.00

Frequency Synthesizer

Wavetek 5107 Frequency

Synthesizer Channel generates spectrally pure and stable output frequencies from 1Hz to 3MHz with constant 1Hz resolution. It utilizes a unique direct digital synthesis technique to generate the output sinusoid. Complementary TTL compatible square wave outputs are provided for monitoring the output of the channel. Unit obtains its input power, clock control logic, and programming information externally. Requires regulated 5VDC at 2.5 amps and 15VDC at 100ma. Comes with the programming mating connector and manual. 13.6x1.35x8.8, 7 lbs sh. Unused, \$135



50 MHz Signal Generator



AN/URM-25 SIGNAL GENERATOR with accessories; covers 10 KHz to 50 MHz in 9 bands. Output to 100K uv into 50 ohms. Modulation 0-50% 400 or 1000 Hz; internal 1 MHz calibrator. Includes

MX-1487 impedance adapter, SM-35 antenna simulator, attenuators CN-223-224, test cable & manual repro. Requires 115 VAC 60 Hz; 11.3x14x10.8, 52 lbs. Less front cover.

USED-REPARABLE, \$110.00 CHECKED, \$179.50

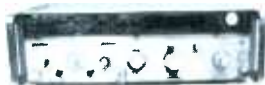
HP-8640B Signal Generator

HEWLETT-PACKARD 8640B RF GENERATOR w/ options 001/002/003 for 500 KHz -1024

MHz AM-FM-Pulse in 11 bands read on 7-digit display.

Output +19 to -145 dbm (2 V to 0.013 uv); phase-lock FM. Opt 003 is reverse power protection. Requires 100/120/220/240 VAC 48-440 Hz; 5.5x16.8 x18.8, 53 lbs shipping.

USED-CHECKED w/manual copy, ~~\$4795~~ \$1495 HP-8640B opt 001/003, 20 Hz-512 MHz, ~~\$4395~~ \$995



MILITARY VERSION of popular solid-state HEWLETT-PACKARD 8640B with opt 323 (AN/USM-323). Covers 500 KHz to 512 MHz

AM-FM-Pulse in ten octave ranges using 6-digit LED readout; to 1024 MHz using external freq doubler (not available). Output: 0.01 uv to 2 V (-144 to +19 DBM); modulation 400, 1000, 5000 Hz. Pulse: 0.05-5 KHz. Resolution 10 Hz (0.5-4 MHz), 100 Hz (4-64 MHz), 1 KHz (64-512 MHz). USM-323 does NOT have these features: seventh 1/2 digit, X100 Expand, ext-count input, phase-lock. Mounted in transit case. Requires 103-127/207-242 VAC 48-440 Hz; 7.8x19.5 x22.4, 70 lbs.

USED-CHECKED w/book copy, ~~\$995.00~~ \$795.00

80 MHz RF Generator



SG297/URM-103 18 to 80 Mhz FM Signal Generator also the following IF frequencies 4.3, 5.6, 5.625, 5.650, 10.00, 11.5MHz unmodulated for testing IF frequencies of military

receivers. Internal modulation 150 Hz, 400 Hz, and 1000 Hz, external modulation 0.1 to 30 KHz. RF output 0.05 to 1.0 V; IF output 10 microvolts to 10 volts. Power input 115/230 V 50 - 400 Hz. Size 13 x 13.25 x 18. Shipping Wt 75 lbs.

Used reparable, \$195.00 used checked \$250.00; Manual repro, \$12.00

URM-26B Generator

SG-117/URM-26B SIGNAL GENERATOR, 4 to 405 MHz AM-CW -Pulse in six bands. Output 0.1 to 100K uv into 50 ohms. Modulation 400 or 1K Hz 0-50%. External pulse-mod requires positive 40 V-min 50-500 pps; duration 2-40 usec and 70 ohm input impedance. Requires 115 V 50-1000 Hz. Outer case may have small dents. 11.3x14x10.5, 36 lbs sh. USED-CHECKED, \$160.00



Manual, partial repro \$10.00

ACCESSORIES sold only with purchase of URM-26B:

CN-315 2:1 attenuator, 50 ohms, \$8.00

CN-316 10:1 50 ohm, \$10.00

CN-471 10:1 70 ohm, \$10.00

CU-439 impedance matcher, \$10.00

BNC cords, 4 foot, \$4.00; 6 inch, \$2.00

480 MHz Signal Generator



HEWLETT-PACKARD 608E SIGNAL GENERATOR, best of 608-series covers 10-480 Mhz AM-CW-pulse; 1 & 5 Mhz calibration check points over range make +/-0.05% accuracy possible. Modulation 400 or 1000 Hz internal; external 20 Hz-20 KHz, 0 to 90%. Large

3.5" dia meters for Percent Modulation & Output Volts-DBM. Requires 115/230 V 50-400 Hz; 16.4x13.3x21, 72 lbs. USED-REPARABLE, \$225. CHECKED, \$275.00

MANUAL for 608E, partial repro, \$15.00

FIBERGLASS TRANSIT CASE for HP-608 generators; 30 lbs sh. #FIB-USM-44B, used, ~~\$49~~ \$30.00

SG1174 Signal Generator

SG1174/U (AUL 6201B)

Signal Generator 3.8 - 7.6 GHz. Internal modulation of CW, pulse, square wave, FM or accepts external modulation. Control complement includes vernier tuning, attenuator, sync multiplier, pulse rate (40-400pps), pulse width (.5-10us), sync delay (3-300us), and FM modulation level. Solid-state design except for 5037 klystron. 50 ohm output, plus sync and sync delay outs; external modulation inputs. 5.7x19x13.7, 54 lbs sh, No manual available. used reparable, \$150.00



TEK 500 Modules / Plug-ins



The TEK TM503 Power Module benchtop mainframe is a three wide power module compatible with all TM500 Plug-Ins. It provides unregulated DC and AC supplies and non-dedicated power transistors for plug-in

usage. 17x8.35x9, 14 lbs sh. \$125.00 TM-504, Four Wide Power Module, \$145.00 TM-515, Five Wide Portable w/ covers, \$169.00

AM502 Differential Amplifier, \$195.00
AM503 Current Probe Amplifier (no probe inc.), \$349
DC501 Counter 110 MHz, \$199.00
DC502 (opt. 1) Counter, \$199.00
DC503 Universal Counter, \$129.00
DC504 Counter / Timer, \$129.00
DC504A Frequency Counter DC-100MHz, \$199.00
DC508 Counter 1 GHz, \$349.00
DM501 Digital Multimeter, \$99.00
DM501A Digital Multimeter, \$125.00
DM502 Digital Multimeter, \$149.00
DM502A Autoranging Digital Multimeter, \$199.00
FG501 Function Generator, \$129.00
FG503 Function Generator, \$199.00
PG501 Pulse Generator, \$129.00
PG502 Pulse Generator, \$169.00
PG505 Pulse Generator, \$225.00
PS501 Power Supply, \$89.00
PS503A Power Supply 0-20VDCx2; 5VDC@1A, \$100.
RG501 Ramp Generator, \$159.00
SG503 Leveled Sine Wave Generator, \$499.00
TG501 Time Mark Generator, \$499.00

**** TEK 5000 Modules and Plug-ins ****

DC5009 Universal Counter / Timer, \$399.00
FG5010 Programmable Function Generator, \$999

Tek Plug-in Adapter

Tektronix type 81A DC-30MHz Vertical Plug-in Adapter. Allows the use of all 1-series and letter-series plug-ins with 580-series oscilloscopes. Solid state version. 12.2x5.9x7.1, 6 lbs sh. Used, \$29.95



TEK 81 same as above except tube type, \$24.95

UHF Signal Generators



HEWLETT-PACKARD 620B SIGNAL GENERATOR, 7 to 11 GHz in single band FM, pulse or squarewave modulation. Calibrated output 0.1 uv to 0.224 V into 50 ohms. Also

second 0.3 MW uncalibrated output useable for phase locking. Pulse rate 40 to 4000 pps; width 0.5 to 10 usec. Uses 5721 or = klystron. Requires 115/ 230 VAC 50-400 Hz. 13.9x17.5 x17.4; 70 lbs. USED-REPARABLE w/output, \$300.00

HP-618C GENERATOR, similar to 620B except 3.8 to 7.6 GHz; REPARABLE w/output, \$200.00

MANUALS for 618B or 620B, part-repro \$17.00

TS-403 RF GENERATOR, 1.8-4.2 GHz; 0.1-200K uv out. Similar to HP-616B; 70 lbs shipping. used reparable, \$175.00

SG-557/TS-621 RF GENERATOR 3.8-7.5 GHz FM-CW; 110 lbs sh. USED-REPARABLE, \$200.00

Manuals for TS-403 or TS-621, partial-repro, \$17 ea

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

Plug - ins



HP-1801A for 180-Series or USM-281A O-scopes Response DC-50 MHz. Deflection 5 mV to 20 V/div in 12 steps. Trigger A, B, A+B, chopped & alternate; 6 lbs sh. Gov't Recon. w/manual, \$85

VERTICAL PLUG-INS for TEKTRONIX 535/545-Series and other scopes, USED-REPARABLE:

TEK CA Dual-Trace DC-24 MHz, \$40.00
TEK M Four Channel DC-20 MHz, \$39.50
TEK O Operational Amp, \$85. MANUAL repro, \$15.
TEK Q Transducer-Strain Gauge, \$85.00
TEK Z Differential Comparator, \$85.
TEK 82 Dual-Trace for Tek 581/585/A, \$50.

7A13 DIFFERENTIAL COMPARATOR plug-in for 7000-Series scopes; DC to 100 MHz. Useable as differential input preamp, conventional preamp or as comparator. +/- 10 V offsetting voltages; 4-digit readout. 5 lbs sh. USED-REPARABLE, \$125.00



TEK 7A16A SINGLE-TRACE for Tek 7000-Series scopes; DC to 225 MHz. USED-reparable, \$100.

TEK 7L13 SPECTRUM ANALYZER PLUG-IN, covers 1 KHz to 1.8 GHz; CRT readout of center frequency, 30 Hz-3 MHz resolution bandwidth, and automatic phase-lock. 5x8x14, 20 lbs. USED-reparable \$1500.

--- Many other plug-ins available ---

CRT's for 400- & 500-Series scopes: Write your needs!

TEK 7603N11S



AN/USM-281C (Tektronix 7603-N11S) OSCILLOSCOPE, modern, versatile 7000-Series scope with large 8 x 10 cm display and at least 65 MHz response. Includes two AM-6565 (7A15AN11) single-trace and one TD-1085 (7B53AN11) dual time base plug-ins plus the 100 MHz mainframe accepts standard Tek 7000-

Series plug-ins. Vertical deflection 5 mV - 10 V/div in 11 calibrated steps, 1-2-5 sequence; vernier to 25 V/div. Sweeps: Normal, Intensified Delay, Delayed and Mixed. Rate 0.05 uS - 5 S/div in 25 steps, 1-2-5 sequence; 5 NS rate using x10 magnifier. Delayed rate 0.05 uS to 0.5 S/div in 22 steps. Requires 100-120/200-240 VAC 48-440 Hz. With book; 11.5x9.7x25.2, 52 lbs. Used-Reparable, \$320.00; Checked, \$400.00 MANUAL for USM281C only, partial repro, \$30.00

ADAPTERS for USM-281C/TEK7603:

#103-0015 ADAPTER BNC (f) - UHF (m) \$2.50
#103-0032 ADAPTER BNC (m) - UHF (f) \$2.50
#103-0033 ADAPTER BNC (m) to post, \$2.50
#103-0030 T-CONNECTOR, BNC (f-m-f) \$3.00
#012-0118 CABLE, 8 ft BNC, 50 ohms, \$4.00

Leader 20 MHz Scope



LEADER LBO-522 20 MHz DUAL-TRACE SCOPE with 8x10 cm display and 10 ns risetime. Deflection ranges 5 mV to 5 S/cm in 10 calibrated steps, 1-2-5 sequence. Modes CH-1 or -2, alternate, chop, add,

subtract. Time base 0.2 us to 0.2 s/div in 19 steps. Trigger sources: Internal CH-1 or -2, alternate, Line, Ext. Coupling: AC, HF REJ, TV-V, TV-H. X5 magnifier. Requires 100/120, 220/240 VAC 50-60 Hz; 6.3x11.4 x14.8, 24 lbs shipping.

USED-REPARABLE with trace, \$150.00- \$99.50

275 MHz Scope



HEWLETT-PACKARD 1720A PORTABLE SCOPE, DC to 275 MHz response with dual channels, large 6x10 CM display, and selectable input impedance 50 ohms or 1 meg-ohm. Modes Channel A

or B, A+B, A & B alternating, A & B chop. Deflection: 5 mv-5 V/div in 10 calibrated steps, 1-2-5 sequence plus vernier to 12.5 V. Sweep: 10 ns-0.2 s/ div in 23 steps, vernier to 0.5 sec and X10 magnifier. Trigger normal, auto or single. Delay sweep: 10 ns-0.1 s/div in 22 steps, vernier to 0.25 sec; delay time varies 0.02 us-2 sec. Calibrator 1 KHz squarewave, 1 V p-p. Requires 115/230 VAC 50-440 Hz, 38 lbs sh.

USED-REPARABLE, \$375. CHECKED, \$475.00
HP-1710A, similar except DC-150MHz, reparable, \$325
HP-1741A, similar except DC-100MHz, reparable, \$275

MANUAL for HP-1710A or 1720A, partial repro, \$30

TEK 100 MHz Scope

TEKTRONIX 465M (AN/USM-425) OSCILLOSCOPE, militarized portable dual-trace unit has response DC to 100 MHz and 8x10 CM display. Deflection 5 mv to 5 V/div in 10 calibrated steps, 1-2-5 sequence plus vernier. Vertical modes: TRIG View, 20 MHz BW, CH 1, ALT, Add, Chop, CH 2 or X-Y. Sweep 0.05 usec to 0.5 sec/div in 22 steps plus vernier; delay 0.05 usec to 50 msec/div. Inputs: 1 Megohm paralleled by 20 pf. Also X10 magnifier, adjustable handle, front cover and manual copy. Requires 100-132/ 200-264 V 48-440 Hz; 19.2x12.8x7, 32 lbs sh. Used physically OK but power supply troubles, \$350 \$225.00; Checked, \$475 \$375.00



Phillips Scope



PHILLIPS 3267U DUAL CHANNEL DC-100 MHz SCOPE with 8 x 10 cm display, 3.5 ns risetime and Trigger View, the display of 60 MHz internal and 70 MHz external

main time-base trigger signal. Vertical modes: Channels A or B only, A & B chopped or alternating, Trigger View only, A, B & Trigger View chopped or alternating, A & B added. Amplitude ranges 2 mv to 10 V/div in 12 calibrated steps, 1-2-5 sequence. Sweep ranges 0.05 us to 0.5 S/div in 22 calibrated steps. Delay to 1 ms, 14 steps. Calibrator 1.2 V rectangular. Requires 90-132/195-270 V 46-440 Hz or 24 VDC for battery. 5.4x13.2x17.5, 29 lbs sh. USED-reparable with trace and operator's manual, \$200.00

20 MHz Scope

BALLANTINE 1066B PORTABLE OSCILLOSCOPE, Dual-trace unit has DC-20MHz response and 5 mV/cm sensitivity. Rise time is 17.5 nsec. Time base includes x10 magnifier for speeds from 50 nsec/cm to 25 sec, full-screen. 18 x 12.5 x 7.1, 23 lbs sh. Used Reparable w/ manual repro, \$150.00



UPM-84 Spectrum Analyzer



TS-1010/UPM-84 SPECTRUM ANALYZER, covers 10 Mhz to 44.88 Ghz in eight bands; 5" 5ADP7 CRT. Resolution at 3 db points: 20 KHz over range. Dispersion: 500 KHz-Mhz adjustable (10-55 Mhz); 500 KHz-25 Mhz (55 Mhz & up). Spectrum calibrator 160 Mhz center freq +12.5 Mhz.

Sensitivity as low as -63 db (10-150 Mhz); 40 db (2.0 Ghz up). RF attenuation 100 db uncalibrated internal 10 Mhz to 12.4 Ghz; external attenuators required above. IF attenuation 0-60 db in 6 db steps. Requires 115 VAC 60 Hz. 17.3x19x26, 150 lbs. UPS SHIPPABLE.

Used Reparable, \$346.00 \$199.00
MAINTENANCE MANUAL, partial repro, \$20.00
OPERATOR'S MANUAL, partial repro, \$8.50

ACCESSORY KIT for UPM-84 including five band-pass filters for segments of 0.75-11.8 Ghz range, 3 variable attenuators & 3 coax to waveguide adapters for 12.4-44.88 Ghz; 20 lbs. \$85.00 w/ set purchase

HP Analyzer Plug-In



HEWLETT-PACKARD 8553B SPECTRUM ANALYZER PLUG-IN for HP-141T mainframe; covers 1 KHz to 110 Mhz in bands 0-11 and

0-110 Mhz. IF bandwidths: 10 Hz to 300 KHz, 1-3 sequence. Scan widths on 10-division CRT: 20 Hz/div to 10 Mhz/div in 18 calibrated steps, 1-2-5 sequence. 4x8.9x13.5, 17 lbs. Used Reparable, \$250.00
Manual partial repro, \$17.00

HP-8552B IF Plug-in for 141T. Features video filtering, recorder outputs and an internal calibration signal to make the spectrum analyzer easier to use. Provides bandwidth/gain selection and detection. Internal calibration standard is -30dBm, 30MHz signal. 16.8x16.4x8.8, 14 lbs sh.



Used operates but may need adjustment, \$350.00

HP-8556A, similar to 8553B but covers 20 Hz to 300 KHz range. USED-REPARABLE, \$175.00

HEWLETT-PACKARD 8445B Opt 002 TRACKING PRESELECTOR for HP-141T/ 8555A spectrum analyzer over 10 Mhz to 18 Ghz. Suppresses mixing image and multiple responses during spectrum tests. Functions as YIG filter over 1.8-18 Ghz with selectable scans of 2-4-6 or 8 Ghz. Uses low pass filter below 1.8 Ghz. Opt 002 provides Coarse & Fine manual controls and MODE Auto-Manual-Remote-Low Pass select; N connections. Less interconnect cable. Requires 100/120/200/240 V 48-440 Hz. 3.5x16.8 x18.4, 25 lbs sh. USED-REPARABLE, \$299.00

Option 001; less manual controls, but does have APC-7 connectors, used reparable, \$199.00

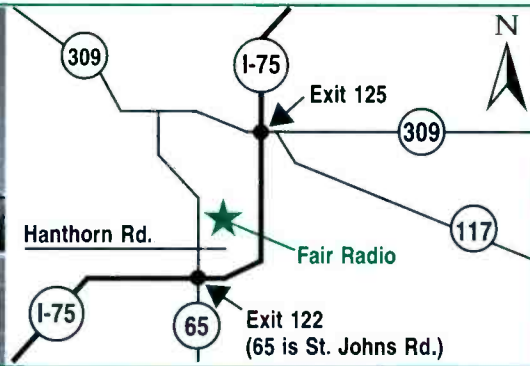
HP-8443A TRACKING GENERATOR-COUNTER, similar to above except for use with 141T/ 8553A 0.1-110 MHz spectrum analyzer. Used reparable, \$275.00



FOR ORDERING INFORMATION SEE PAGES 16 & 17



VISIT OUR SALES ROOM
9:00 A.M. TO 5:30 P.M.
MONDAY THROUGH FRIDAY



FAA Radios



TRX-103 UHF Solid State 3 channel, crystal controlled, AM Transceiver type FA-9606 covering the military aviation 225-400MHz band. Has built in speaker. 50KHz channel spacing. Transmitter output is 3 watt. Antenna impedance 50 ohms. Receiver IF is 21.4MHz. Requires 115VAC 60Hz or 24VDC. Crystals not included. Condition of internal battery AS-IS. 14.1X14.2X7.7, 43 lbs sh. Used Reparable, Manual repro included, \$175.00

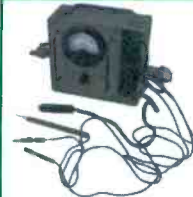
TRX-102 VHF AM Transceiver type FA-8979 is similar to above except covers 118-136MHz and requires 120VAC 60Hz or 12VDC. Crystals not included. Condition of internal battery AS-IS. 13.8x13.8x7.9, 38 lbs sh. Used Reparable, Manual repro included, \$185.00

Type FA-8960A VHF Synthesized Transceiver is similar to above except has the following: tuning level meter, Meter function switch (AVC Voltage, XMTR Exciter, XMTR Output), Digital display, Keypad, and 6 pin connector for Voice/Tone Cont Cable. 13.5x12.4x6.2, 26 lbs sh. Used Reparable, \$475.00; Manual not available.



It is unlawful to operate on these frequencies unless you have a license to do so.

ARC-34 Test Set



AN/URM-76A Radio Test Set for ARC-34 radio can be used as a DC voltmeter with the following DC voltage ranges: 1.5, 5, 15, 50, 150, 500. Uses 3.5 inch 50 micro amp DC meter. Case containing meter, 1% precision resistors, 20 position test switch, probes, aluminum case with cover.

The unit can be easily modified for other test uses. 4.3x8x7.5, 8 lbs sh. Used good condition with schematic, \$18.95

ART-13 Meter

Original PA Plate Panel Meter from the ART-13 transmitter. Full Scale equals 1maDC. 2 1/2" round. Black face. Used condition, \$20.00



Field Phone Wire



WF-16/U Four Conductor Stranded Field Phone Wire on a DR-5 reel. 5280 feet. Two pairs of what looks like small zip cord twisted together. One pair is brown and the other is green. Reel size is 19.3" dia. x 17.7" ht, 96 lbs sh. Used, \$175.00

Books



IMPOVERISHED RADIO EXPERIMENTER VOLUME 2. The next release of this popular book series! Contains interesting information on building a grid dip oscillator, a short-wave converter, a slow motion dial drive, space-wound coils and much more! 48 pp \$5.95

CRYSTAL RECEIVING SETS, How-to guide on building crystal sets and their components. Chapters include a simple and efficient receiving set, a single slider set, set with semicircular tuner, crystal set with tapped single coil, a loose-coupled set, set with plug-in basket coils, combined crystal and valve (vacuum tube) receiver, some miniature receiving sets, crystal circuits, how crystals work, making a buzzer, receiving CW signals on a crystal set, making a wavemeter from a crystal set, converting low-resistance phones, and the morse code. 125 pp \$10.95



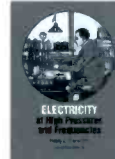
AMATEUR RADIO BEGINNERS GUIDE, Learn how to build a regenerative receiver and a crystal controlled breadboard cw transmitter that will allow you to talk to people all over the world. Chapters include: introduction to amateur radio, learning the code, receiver theory and construction, crystal oscillator transmitter, two-stage transmitter, three-stage transmitter, construction of modulator for three-stage transmitter, and reference. 155 pp \$9.95



RADIO FOR THE MILLIONS, From the pages of World War II vintage issues of Popular Science Magazine came this reprint of well-illustrated electronics articles on everything from phonographs and shortwave radios to cabinet design and radio servicing. Everyone of the dozens of articles is illustrated with sharp photographs, schematic diagrams, and parts lists. 192 pp \$11.95



Electricity at High Pressures & Frequencies - Incredible 1921 edition of 1913 original. Discussion of Tesla, Fessenden, and others. Photos of unusual experiments. 264 pp \$11.95



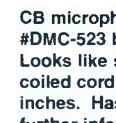
Secrets of Building Lightning Bolt Generators - Walt Noon will explain the experiments he has run, the problems, the solutions, how to build low cost generators from parts on hand. In addition, build simple static machines, van de Graff generator, dirod generator, Pogeendorff corona motor and much more. 91 pp \$8.95



Handheld & Desktop Mics



Handheld Dynamic Power Microphone. Impedance of 1.2K ohm. Frequency response of 300-6KHz. Coiled cord with a 4 pin female connector. Marked TransVideo but made by Merry #DMC-510, Unused, \$15.00 each; 2/\$25.00



CB microphone made by Merry #DMC-523 but marked Stoner. Looks like standard hand mic with coiled cord which stretches to 36 inches. Has 4 pin connector. No further information. Unused \$8.00 each; 2/\$15.00



500 ohm Omnidirectional Dynamic Desk Top Microphone. Has Off/Lock slide switch and push-to-talk switch. Frequency response: 200Hz-5KHz. Sensitivity: -76 +/- 4DB at 1KHz Re 1Vubar. Coiled cord with no connector on the end. Mfg by Merry #DMC-521. Unused, \$17.95

As above except it has a Monitor switch instead of Off/Lock switch. Coiled cord with a 4 pin female connector. #DMC-529. Unused, \$12.95

Tesla Books

Inventions, Researches & Writings of Nikola Tesla - A complete record of all of Tesla's accomplishments upto 1893. Has 4 parts to the book: Polyphase Currents, The Tesla Effects with High Frequency and High Potential Currents, Miscellaneous Inventions and Writings, and Early Phase Motors and the Tesla Oscillators. Rare volume. 496 pp \$18.95



Tesla's Experiments with Alternate Currents of High Potential and High Frequency - Complete reprint of 1904 original. A lecture before electrical engineers in London. Last fourteen pages are a reprint of magazine article of equipment at Long Island and Colorado Springs. 170 pp No. 4392 ... \$9.95

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**** ALL FOR AADC 440 C016 701

DAVID J GOODMAN
31870 HIRAM TRL
CHAGRIN FALLS OH 44022 132

VRC-12 Controls

 C-10456/VRC Control Box - functions the same as the C-2298/VRC except that it allows remote keying of the intercom or radio RT-524 through a remote keying jack, normally connected to special keying cables in the M1. 3.5x6x4.5, 5 lbs sh. Used, \$35.00

C-2742/VRC Remote Control Box works with the RT-246 for remote selection of the preset frequency channels. 3.3x6x4, 4 lbs sh. Used, \$25.00



PRC-77 Radio

 RT-841/PRC-77 BACK-PACK TRANSCEIVER, 30-75.95 MHz FM in bands 30-52.95 MHz (Lo) and 53-75.95 MHz (Hi) with 50 KHz spacing. 920 channels.

RT-841 is all transistorized. Output: 1.1 to 2.0 watts; 150 Hz squelch. Requires 3 VDC 0.4 amp and 15 VDC 1.4 amp supplied by BA-4386 battery. RT-505B has modified A25 audio module for broad-band use with C-7673/PCC-1 and CU-2194 diplexer; 4x11x14, 18#. Used, \$550.00

MANUAL repro for PRC-77, \$20.00
ST-138 Harness, Used Excellent \$35.00
CW-503/PRC Accessory Bag for PRC-25, Used \$7.

H-250 Handset for PRC-25, Used, \$18.00
Original Operator's Manual f/ VRC-53 (PRC-77 & AM-2060) \$20.00

BA-4386/PRC Battery f/ PRC-25-77, weak 3/\$5.
BB-5598 Battery, 1995 X-date (no UPS or air), \$4.00; 2 for \$6.50; 24 for \$50.00

 AM-2060 Audio Amplifier / Power Supply with interconnect cable CX-655. PRC-25 or PRC-77 transceivers sets on and plugs into AM-2060. Unit has a speaker for the transceiver, remote antenna tuning for the AS-1729 antenna and allows 24VDC vehicle electrical to power transceiver. Comes with MT-1029 mount. 11.8x15x6.7, 23 lbs sh. Used, \$360.00

ARC Type Connectors



Hard to find ARC connectors for the WW2 Command Sets and later ARC Type 12 Radio Sets. Some of these connectors can be used as is. Some need to have guides filed off. Much information is in the

Tauson book, "A Users Guide to Aircraft Radio Corporation Receivers." Also see the ARC connector catalog reproduction. Connectors are unused unless marked Used. "M" designates Male and "F" female.

ARC #	pins	m/f	Works with	Price
16743	12	f	CV431	\$15
12231	12	f	Modulator	\$15
12341	19	f	C-2275 R-836 R1021 C3436	\$15
14320	19	f	C25 Control	\$12
12370	2	f	TYPE 12 15 Power	\$10
12427	2	m	Chassis Type 12 Rec 15 Rack	\$10
12426	3	m	Loop Antenna Connector R836	\$10
14052	4	f	T11 13 Power	\$15
12337	4	f		\$10
16104	4	f		\$12
12338	8	f	15 & Command Racks w/ Mod.	\$15
15912	8	f	Modulator Command Rack	\$15
14050	8	f	T11,13 Mod f/ Command Racks	\$15
12097	8	m	Chassis type	\$10
PL-151	6	f	Modulator and Receiver Rack	\$15
PL-153	18	f	Modulator tx Control Boxes C38 MD-7	\$15


A User's Guide to ARC Corp Receivers - by M. Tauson; ARC-5, ARC-type 12 etc, \$10.00


ARC Connector Catalog reproduction, free with \$20.00 order; Otherwise \$5.00 each

"Other Vintage Connectors"

PL-59		BC-191 / 375	\$12
PL-61		BC-191 / 375	\$18
PL-64		BC-191 / 375	\$18
PL-134		RU-18	\$15
PL-135		RU-18	\$15
PL-164	2 f	SCR-522	\$12
PL-167	4 f	SCR-522	\$12
PL-169	12 f	SCR-522	\$12
PL-171	6 f	SCR-522	\$12
PL-172	2 f	SCR-522	\$12

Vacuum Relays


 8 KV at 30 amps Vacuum Latching Relay by Jennings RF4B-36N578. Simply pulse either "open" or "close" coils with 16-30 vdc SPST relay contact. No need to maintain constant voltage. 11/16" base diameter x 2 1/4" long. Mount flange is 1 1/4" diameter. 1 lbs sh. Used, \$39.50

 RF1J-26N577 SPDT 12 amps Vacuum Latching Relay by Jennings. 26VDC, 18.3 ohm coil. Mounts in 1/2" hole. 1 5/8" tall. Used, \$35.00

1/16" Coax with BNC's

 Male BNC to male BNC with gold center pin connectors on a 8 foot long 1/16" diameter coaxial cable. Pinkish cable is marked type CTCFT4. We are unable to find any further specs on the cable. Mfg by Harbour Industries. 1 lbs sh. #CTCFT4, Unused, \$10.00 each; 2 for \$16.00

Military Headband

 Old Military Black Leather Headband. Holds a 1 3/4" receive element. 2 lbs sh. #BLK-BAND, Unused fair condition, \$12.00

Antenna Load Assy w/ Cap

 ANTENNA LOAD ASSEMBLY from AM-3349/GRC-106, includes C26 1000pf at 5KV vacuum variable capacitor, C27 15-355pf air capacitor, 26 1000pf feed-thru caps, L1 0.5 to 40UH variable inductor, L2 37UH fixed inductor, S1 2-deck 5-position ceramic switch and two Globe or = 24 VDC motors. 5.5x9.5x5.5, 10 lbs sh. #3349-02, Used, \$250.00

VISIT OUR WEBSITE AT fairradio.com FOR THE LATEST FEATURE ITEMS

Dual Johnson 244 Sockets



Two Johnson #244 Ceramic Sockets mounted on an aluminum plate 3" deep x 7.5" wide.

Each of the sockets has a 1 7/8" diameter removable mounting clamp. Works with C6M, 576 tubes etc. Will work with 8008 if clamp is removed. 3 lbs sh. #DUAL-244, Used, \$20.00

Sona Alert - LOUD !!

2 to 6VDC Sona Alert mounted on a 2" x 2 3/16" aluminum panel with 4 mounting holes. This unit is very loud at 2VDC and almost intolerable at 6VDC. 2 lbs sh. Used Excellent, \$4.00



High Current Shunts



High Current Weston DC generator Shunts. 50mv. Used, minor corrosion.

400 amp	sh wt 4 lbs,	\$25.00
500 amp	sh wt 3 lbs,	\$25.00
800 amp	sh wt 4 lbs,	\$25.00
1000 amp	sh wt 9 lbs,	\$35.00
2000 amp	sh wt 13 lbs,	\$40.00

116-150 MHz Filter

TUNABLE VHF FILTER for 116-150 MHz at 15 watts. Has two screwdriver adjust ports and two SMC connections. Sealed can; 1.5x5 x3.3, 2 lbs sh. #MFC-2510-1, NEW, \$15.00



Tektronix Plug-ins

Each of the plug-ins listed below are used repairable.

067-0587-02 Calibration Fixture, \$75.00
 5A18N Dual Trace Amplifier, \$79.50
 5B12N Dual Time Base, \$125.00
 7A12 Dual Trace Amplifier, \$99.00
 7A15A Amplifier, \$99.00
 7A16A Amplifier, \$99.00
 7A18 Dual Trace Amplifier, \$179.00
 7A18N Dual Trace Amplifier, \$159.00
 7A19 Amplifier, \$179.00
 7A26 Dual Trace Amplifier, \$99.00
 7A29 Amplifier, \$299.00
 7B10 Time Base, \$199.00
 7B10N Time Base / Amplifier, \$179.00
 7B50A Time Base, \$179.00
 7B53A Dual Time Base, \$179.00
 7B70 Time Base, \$79.00
 7B80 Time Base, \$179.00
 7B85 Delaying Time Base, \$199.00
 7B87 Time Base, \$199.00
 7D01 Logic Analyzer, \$125.00
 7D11 Digital Delay, \$199.00
 7D15 225MHz Counter / Timer, \$199.00
 AM503 Current Probe Amplifier (No Probe Included), \$179.00
 AM-6565/U Amplifier (7A15AN11), \$99.00
 DF1 Display Formatter, \$125.00
 DF2 Display Formatter, \$125.00

Panel Meters



FS=10VDC with a meter reading of 0-90MPH/140KPH. 4 1/4" square. FS=1ma. 10,000 ohm internal resistance. 5 terminals on the rear for: +28VDC, Plus, Lamp Common, Negative, +28VDC. Illuminates with two 28 volt bulbs. #10V-MPH, Unused, \$35.00

Same as above except meter reading of 0-2KVDC, #10V-2KV, Unused, \$30.00

T-195 Transmitter



T-195/GRC-19 TRANSMITTER 1.5-20 MHz AM-CW-FSK in ten bands manual or auto tune. Power output 100 W (1.5-12), 90 W (12-16), 80 W (16-20 MHz). Uses two 4X150D tubes in power amp & 20 other tubes.

Requires 22-30 VDC 42 amps input (9 amps "stand-by") for dynamotor supply. LESS METERS. With replacement knobs. Companion to R-392 receiver. 11.5x22x14.5, 135 lbs. Used Repairable, \$225.00
 T-195B, Used Repairable, \$265.00
 MANUAL for T-195, partial repro, \$20.00
 POWER CONNECTOR for T-195, \$7.50

T-195 FSK Modulator

MD-203/GR Radio Transmitter Modulator for the T-195/GRC-19 Transmitter. The MD-203 is a link in a complete radio teletypewriter comm. system. The teletypewriter signals developed in Teletypewriter TT-98 are supplied through Junction Box J-668 to the MD-203. The MD-203 is connected to the exciter section of the T-195 to produce shifts in the CW signal. Uses tubes 7/26A6, 1/26A7. Less knobs. 9.1x13.8x7.3, 26 lbs sh. \$25



R-392 HF Receiver



R-392/URR RECEIVER, 0.5 to 32 MHz AM-CW in 32 one MHz bands using mechanical digital tuning. Triple conversion on lower 8 bands, double on others. Selective bandwidth 2, 4 or 8 KHz; 100 KHz xtal calibrator. With 25 tubes: 26A7, 26A6,

26C6, 26D6, 6AJ5, 12AU7. Requires 24-28 VDC 5 amps. Rugged vehicular version of R-390 receiver. 11.5x14.3x11, 58 lbs sh. Used Repairable less knobs and meter, \$245.00
 Used Repairable with sub knobs and meter, \$295.00
 Checked with substitute knobs and meter, \$395.00
 Original style knobs but color may not be identical.
 MANUAL for R-392, partial reproduction, \$17.00
 9-PIN Power Connector for R-392, \$20.00
 LS-166 SPEAKER for R-392, used, \$18.00
 Bracket for LS-166, \$3.00

R-392 Freq Shift Converter

CV-278/GR Frequency Shift Converter for the R-392 HF Receiver. Converts frequency shift signals to neutral or polar marking or spacing DC impulses. 450-500 KHz input, 20/60 ma or polar output for teletypewriter. Uses tubes 8/26A6, 2/26A7. 9.1x13.8x7.3, 22 lbs sh. Less meters and knobs. Used, \$25.00

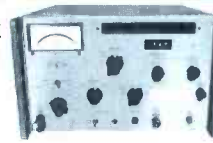


Freq Selective Voltmeter



SIERRA 128A FREQUENCY SELECTIVE VOLTMETER for analyzing carrier signals over 10 KHz to 15.1 MHz LSB-AM-USB; utilizes all-transistor frequency lock, Could probably be used as receiver. Separate circuits for MHz and KHz tuning each with controls COARSE, FINE, CURSOR, and input TRACKING SIGNAL BNC jack. Voltmeter has ranges 30 uV to 30 V in 13 steps; DB ranges -90 to +30 DB. Select 75-135-600 ohm termination or 1 MHz calibrator; also Selectivity WIDE-NARROW, Main Tune LOCK-CONT, Audio GAIN, and phone jack. Requires 115 V 60 Hz or 28 VDC 220 ma. May have brown or beige front panel; 12x20x15.5, 52 lbs sh. Used-repairable with book \$100.00

HP Wave Analyzer



HEWLETT-PACKARD 310A WAVE ANALYZER, a frequency selective voltmeter-receiver covering 1 KHz to 1.5 MHz with bandwidths 200,1000, and 2000 Hz; resolution 200 Hz/div. Modes

AFC-Normal-BFO-USB-LSB-AM. Amplitude ranges 10 ux to 100 V full scale, 16 steps. AFC: dynamic hold-in +/-3 KHz min @ 100 KHz; tracking 100 Hz/sec. Has headphone jack and is operable as VLF receiver. Requires 115/230 V 60 Hz; 10.8x16.8 x18.4, 50#. Used-repairable w/ manual, \$125.00

Nylon Cargo Sling

Price Reduced !!

Cargo Sling-Heavy Duty Tow Straps. This item is a 15,000 pound cargo sling and consists of four sections, each is constructed of four 15 feet seatbelt type OD nylon straps which are looped on one end with an 76 inch chain and catch arrangement on the other. The loop ends are all joined together by a large loop of webbing. This loop can be removed to separate the four individual straps for use as tow straps or whatever.



#CS15K-SLING, 105 lbs sh. Unused, \$69.50
 Single strap from above w/ chain and catch, #CS-STRAP, 25 lbs sh. \$25.00

Connector Accessories

DA-35 1000 ohm Dummy Load for URM-127 & TS-382 oscillators. Has two banana jacks, two terminal posts, and a BNC female connector. Used, \$8.



UG-514 Adapter Connector for URM-127 & TS-382. Has two banana jacks, two terminal posts, and a BNC female connector. 1 lbs sh. Used, \$7.50

DA-650 Dummy Antenna for URM-191 RF Generator. 50 ohm impedance. Has a female BNC connection on each end. Used, \$6.00



CN-1418 Fixed 5:1 Attenuator for URM-191 RF Generator. Has a female BNC connection on each end. Used, \$7.00

35-28102-14 Adapter Connector for URM-191 RF Generator. Has a female BNC connection on one end and a 1/4" phone jack on the other end. \$6.50



BNC "T" Connectors like UG-274. Very useful around the shop. Nickel plated. #274-T, Unused, \$3.00

UG-22D Type N male bulkhead connector. Silver plated. This connector maintains the RF shielding of the coax RG-11 cable. Unused, \$4.00



Antenna Roll Bag

Antenna Canvas Roll Bag 50"x19". Holds up to six 30" to 50" mast sections or twelve 24" or shorter mast sections. Has a few other compartments for holding antenna accessories. 4 lbs sh. #ROLL-50, Unused, \$10.00 each; 2 for \$15.00



BC-654 Remote



RM-29 Remote Control is a self powered unit which may be used with radio set BC-654. Operates over a two wire telephone line in conjunction with EE-8 field telephone. Used excellent, \$39.95

Multi-Section HV Cap

High voltage and high current multi-section capacitor network in a single package. Three sections are rated .05mfd 8KV, .02mfd 11KV, and .5mfd 1KV. Rugged epoxy housing. 2.8x2.3x1.8, 3 lbs sh. Various mfg. #221M230, Used, \$19.95



Vacuum Relay



#RB1H SPDT 270 ohms; 12 KV pk 15 A AC/DC. w/mount flange 2.5"Hx1" dia; 1.4" d flange. Used, \$59.50

Power Tubes

4CX350F 26VDC Power Tube. Has a maximum plate dissipation of 350 watts. Fits the socket and chimney listed below. Removed from equipment, \$65.00



8233 Vacuum Tube Pentode designed for use as wide band output tube. 6.3V heater voltage; 600ma heater; Removed from equipment, \$15.00

9 pin compactron socket for the 8233 tube, \$0.95

4CX250 Socket & Chimney



Eimac SK-630A or equal 4X150/4CX250 Socket with Eimac Y-358 or equal plastic chimney, 2 lbs sh. Used Excellent, \$24.00

1000pf Vacuum Variable

All Vacuum Variables listed below are 10-1000pf at 5KV and have 1/2" dia. shafts. Overall size 7.5" long x 2.8" diameter. Used high pot tested. 5 lbs sh.

EL5-1000-5, Energy Lab, Ceramic, \$189.00
CVC10/1K-5KV, Amperex, Ceramic, \$200.00
CVCH-1000-5, Jennings, Ceramic, \$210.00



Blow-out Sale !!

All equipment listed below is used reparable:

ACL TR-104A Telemetry Receiver w/ TN 101P-1 tuning unit 110-155MHz, \$250.00
AM-4823 HF Preselector, \$795.00
AN/BRR-3 VLF Receiver w/ scope & book, \$550.00
Bell Howell TSC-2000 System Calibrator, \$495.00
EMR 4145 Tuneable Disc, \$395.00
Fluke 332B DC Voltage standard \$595.00
Fluke 5205A Precision Power Amplifier \$695.00
GRM MAA-81600 Audio Mixer Amplifier - Rack Mt. 8 modules each w/4 inputs w/book, \$125.00
HP-214A Tube Type Pulse Generator, \$195.00
HP-606A 50 khz 65 mhz 3 v 50 ohms \$235.00
HP-54600A DC-100MHz Digital Scope, \$695.00
IET SC900-110 Precision 125 Cap, \$150.00
L&N 4300 Adjustable Resistance Standard, \$600.00
ME-112 Modulation Meter, \$150.00
North Atlantic 225 phase angle voltmeter \$395.00
Northern Radio FS Diversity Converter, \$125.00
Philco 400A Bidirectional Peak Power Monitor 960-1215 Mhz 500W 5000W VSWR used \$135.00
RF-501 Programmable Stereo Gen. Denmark, \$225.
Rockland 852 dual hi/lo filter .1 hz to 200 khz \$395.
TEK 172 Programmable Curve Tracer Test Fixture for TEK 576, \$150.00
Tracor 599 Tracking Receiver, 599-303 AGC Phase 599-204 Receiver, 599-502 Power Supply, \$495.

Geiger Mueller Tubes



Geiger Mueller 5980 (also known as BS-2) Tube from the PDR-27 radiac set, \$19.50



Geiger Mueller 5979 (also known as BS-1) tube for PDR-27 radiac sets, \$29.50

RT-712/ARC-105 Radio



RT-712/ARC-105 HF TRANSCEIVER, pressurized 618T2; modules interchangeable. Covers 2 to 29.999 MHz SSB-AM-CW in 28000 channels. Front has hour meter, C and BNC connections.

Separate control needed for freq-selection. Connectors not available; Requires 115VAC 400Hz 3 Phase. 10.5x 11.5x23, 70 lbs. Used, \$325.00

Crystal Socket Assembly

Baker's Dozen Crystal Socket Assembly, 13 ceramic crystal sockets CR-23 style mounted on an aluminum strip. 9"L x 1.2"W x 0.9"H, 2 lbs sh. #CR-23-13, \$6.50



Triplet Test Leads



Test Lead for Triplet 601 VOM. Comes with test prod, alligator clip, and RCA male to RCA male 42" cable. 2 lbs sh. #79-267, Unused in the original box, \$4.00

Loop Antenna

MLA-1/E Loop Antenna covering 1.8 - 14.5MHz. Has a female type TNC, female type N, and 3 pin female cannon connection on the base. Overall loop width is 13.1". Loop diameter is 15/16". Mfg by Antenna Research Association. 9 lbs sh. Used, \$59.50



J-37 Key & Leg Iron



J-37 Key with a KY-852 leg iron attached for field use. Comes with cable with a U-229 connector. 3 lbs sh. Used, \$25.00; Unused, \$39.50

AMT-4 Radiosonde

AMT-4 Radiosonde Modulator originally was raised by a balloon into the sky to measure atmospheric conditions. Comes w/ barometric unit only.

MD-147 Atmospheric pressure range 1060 to 5 mb(millibars) Resistive temperature element temperature +60 to -90 d C. With schematic. Unused, \$8.95

MD-210 newer version of above. No data, but expect the ranges to be about the same. Unused, \$8.50
Original manual AMT-4A \$15.00



HF Amplifier Assembly



Broad Band Power Amplifier Assembly covering 1.6 - 24 MHz removed from the TN-612 pre-post selector. Uses S15-28, T9-0664 and 2/MRF-466 transistors. 24 VDC. No further info at this time. 2.3x17.3x4.5, 9 lbs sh. #AMP-612, \$79.50

3CX100A5 Socket Assy



Cavity Socket Assembly for 3CX100A5/2C39 series tubes. Has female BNC and female TNC connections. 3.3x1.9x5.3, 4 lbs shipping. #3CX-BT, Used nice condition, \$10.00

As above but two BNCs with no TNC, #3CX-BB, \$12

3CX100A5 Style Tubes

The 8745 tube is a ceramic metal UHF planar triode intended for pulse and high altitude applications. It is similar to the popular 3CX100A5 or 2C39 but is better in that it features a longer grid anode ceramic insulator with a higher voltage breakdown rating. Fits into the same socket as a 3CX100A5. Used checked, \$20.00



The 8906 tube is also a ceramic metal planar tube. Filament voltage 6V; Max plate watts = 10; Max plate volts = 2500. Used checked, \$60

7815 similar to 8906 except max plate voltage is 3500, \$55.00

7554 HIGH MU TRIODE. Heater-cathode, ceramic-metal, pencil type used as rf amplifier, oscillator, and multiplier in airborne equipment. Used STT, \$29.50

RG-11 75 ohm Coax

BELDEN MIL17/6 RG-11, 375 feet of 75 ohm coaxial cable with male type N connectors on each end. Recommended for HF/VHF antenna phasing coax. 37 lbs sh. #RG-11-375, Unused, \$59.95



Fixed Attenuator



Alan Industries 75SP3 Fixed Attenuator, 3.0DB at 30MHz and 3.3DB at 1GHz. Has a BNC male on one end and a BNC female on the other. \$12.00

Audio Filter

AUDIO LOW PASS FILTER. No specs available, but output is good from 10 hz to the limit of the filter. The drop off is very quick. The circuit is passive and causes an approximate 50 % attenuation of the signal. The input impedance seems to be about 2400 ohms. 4.5 x 1.5 x .5, 7.5khz LPF #FO70975, \$5.00
15Khz LPF #FO69215, \$4.50



Coax Relays



SPDT Advance Metal Products Coaxial Relay. BNC connectors. 28 VDC coil. 1 lb sh. #10CSA1/2-18, Used \$20.00

Coaxial Transfer Relay, 4 BNC connectors which switch from AD BC to AB CD. Allows a preamp or some other device to be switched into a coaxial line or bypassed. 24VDC coil. #10CSA2/2-01, used, \$30

Miniature coaxial SPDT can relay for low level RF switching. Also has SPDT contacts. 26.5 vdc 675 ohms. HI-G d'italia #RFK 6396, \$10.00



Same as above, but relay is in metal box with 6 very small coax connectors (SML ??) #RE-612-2, \$12.00



Teledyne CS47N6E-2 DC-12 Ghz coaxial transfer switch. Latching with self cutoff. N connectors 24 - 30 vdc coll. unused \$75.00

Tesla Books

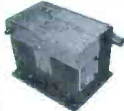


Double Tesla-Oudin Coil - Five different articles from WWI-era electrical magazines including double Tesla-Oudin Coil, seeing the unseen, high voltage meter, homemade Geisler tubes, and the demolition of Tesla's Radio Tower. 23 page booklet \$4.95

Strange Stories from Electrical Experimenter Magazine - Stories from 1917-1919 mostly on Tesla, gravitation and electricity, novel Tesla steam clock, synthetic gasoline, Tesla's egg of Columbus, Tesla's own story of wireless, and more. 64 pp booklet \$6.95



Microwave Bricks



Microwave PLL Oscillators, used good condition. Shipping weight is 3 lbs.

CTI 5328-2, 4800-5300MHz, \$59.50
CTI P13100, 1042.5MHz, \$49.50
KarKar PLC33-05, 5925-6355MHz, \$59.50
FreqWest MS-540XELT-147, 6140-6355MHz, \$59.50
CTI A1419, 12.859-13.385MHz, \$79.50

Short Wave Radio Book

1935 Official Short Wave Radio Manual. The most important developments in short-wave transmitter and receivers are covered in this new edition of the manual. Contains wiring diagrams and the values of the various condensers, resistors, etc., of all the principal short-wave receivers. Plenty of articles on small receivers and transmitters which can be built at a small cost. 240 pp, \$18.95



PRC-41 Power Amp



PRC-41 UHF Power Amp AM-6669 RF Power Amplifier, designed for use with PRC-41 transceiver, but usable with other 225-400MHz xmitters such as PRC-66, ARC-45, etc. Power output: 10 watts from 2-3 W

input; "N" connections Solid-state; 24 VDC required. 5.3x6x9.8, 10 lbs sh. Used Repairable, \$250.00

VLF Receiver

ANSRR-19 SSB VLF Receiver covering 30-300KHz in four bands. LSB, USB, ISB, AM, CW, MCW, and (RATT with auxiliary equipment). 50 ohm antenna impedance. Audio output 600 ohms. 1 MHz frequency standard. Double conversion super-hetrodyne: First IF 1715.5KHz, Second IF 100KHz. Bandwidths: 1KHz, 3KHz, 8KHz. Requires 115VAC 60 or 400Hz. 22.2x17.2x12.2, 131 lbs sh., Used Repairable with book, \$795.00



VRC-12 Suppressor



MX-10237 / MX-2096 Suppressor Electrical Transient for the VRC-12 Radio Set. This circuit protector consists of a standard size 4 pin GRC male connector with a threaded center, indicator light, 2 hole mount bracket, heatsink, and plate which is marked "Danger High Temp 215 degree F". FSN #5915-01-024-3877. It connects directly to

either the transceiver or AUX receiver mount. In some applications it replaces the MX-7778 suppressor. No further data. 3 lbs sh. Unused, \$15.00

ARC-54 Transceiver



RT-348/ARC-54 VHF Aircraft Radio Set, FM unit covers 30-69.95MHz in 800 channels with 50Hz spacing, 10W, X-mode capable, 27.5VDC at 7 Amps, Manufactured by Collins. 15x5x7.7, 25 lbs sh. Used, \$175.00

PRC-41 Mast Assembly



AB-777 Adjustable Mast Assembly from the PRC-41 radio system. Mast assembly holds the AS-1405 omni directional antenna. AB-777 is 28 1/4" long closed and 78 1/4" fully extended. 1 1/2" diameter. 6 lbs sh. Used, \$27.95; Unused, \$39.95

TRC-75 Test Set

Radio Test Set TS-1325 /TRC-75. Determines operating condition of the R-761 receiver and T-730 transmitter from the TRC-75 radio set. Unit checks frequency control, mode of operation, rf gain control, take-control function, transmitter plate current and power levels, receiver operation and frequency accuracy, servo system operation, and sidetone monitoring circuits. 12.4x14x7.8, 29 lbs sh. Used Excellent, \$89.50



Eastern Block Radio



The Russian Tube Type Radio R-105M was intended for use by infantry units. Operating in one continuous band on 36-46.1mc, with an intended channel spacing of 25 or 50kc. RF power output is rated at 1 watt, FM. Power is derived from two internal Nicad batteries. Durable bakelite housing.

Removeable front and back covers. With accessories. 12.3x5.5x11.7, 23 lbs Used, \$250.00

Electronic Trainer

Nida Trainer Model 130, Originally for electronic class troubleshooting instruction. This unit is power supply and test frame only, no test circuits. plus and minus low voltage power supply each 6, 9, 12, 15 volts and variable to 24 vdc current limited 25, 50, 75, to 100 ma variable. Also high voltage 50, 100, 150, 200 to 250 vdc variable with current limit of 10, 20, 30, 40 to 50 ma variable. Large voltmeter and milliamper meter to monitor the output.

Mini toggle switches under front panel to switch problems into circuit. This would make nice tube/low voltage breadboard station for your shop. Requires 115VAC 60Hz. 14.7x18x9, 25 lbs sh. Used, \$59.50



Kennedy Drawer Cabinet



5 Drawer Aluminum Cabinet ideal for storing your capacitors, resistors, etc... Each of the drawers are 13"D x 8.7"W x 1.5"H. There is 3 to 15 compartments per drawer. Overall cabinet is 13.5"D x 8.7"W x 1.5"H. Manufactured by Kennedy. Brown crinkle finish. #AC-13,

15 lbs sh. Unused, \$29.95

115V 60Hz Inverter

Motor Generator for GRC-106 Model SS688. Input 27.5VAC 24 Amps. Output 115VAC 60Hz 3.48 Amps. Continuous duty. 3600 RPM. 12x6.5x12, 47 lbs sh., Used, \$65.00



Selectro Connectors

ADAPTERS

69-174-3264-000 BNC-M to SMA male on RG174 6" \$10
50-675-6801-89 sma to BNC-F bulkhead nickel, \$15
51-175-6801 snap on SMB 75 ohm bulkhead receptical BNC-F, \$7
51-175-0069-22 BNC-F to SMB receptical bulkhead 5/16 hole gold, \$7

SMA CONNECTORS

50-645-4524-31 jack receptical narrow flange 2 chassis mt, \$2.50
50-645-4547-31 jack receptical square chassis 4 hole flange mt, \$2.50
50-647-4504-31 rt angle chassis 4 hole flange mt \$2.50

SMB SCREW-ON

50-128-9511 crimp type 75 rt angle cable receptical small braided coax, \$3.00
50-124-3059 crimp type 75 straight med coax gold \$3
50-153-0000 75 pc mount right angle receptical, \$2.60
50-151-0000 75 pc mount straight jack, \$2.50
50-111-9511 75 rt angle cable plug clamp small coax braided wire gold, \$3.00
50-128-0209 crimp type rt angle med coax nickel, \$2.50
50-128-3059 crimp type rt angle med coax gold, \$3
50-124-0189 crimp type straight plug med coax gold \$3
50-107-3187 straight clamp type small coax gold, \$3
50-107-3059 straight plug clamp type large coax gold \$3

SMB SLIDE-ON BULKHEAD

52-144-0000 75 plug receptical type gold \$2
52-145-0000 75 jack receptical front mt solder term. \$2
52-126-2700 75 jack receptical rear mount crimp small coax, \$2.50
52-126-3187 75 jack receptical rear mount small coax \$3
52-126-0039 75 receptical rear mt med coax, \$2.50
51-144-0000 75 rear mount plug recept. solder term. \$2
52-126-0000 braided small coax 75 straight cable jack \$3
52-126-0029 rear mt receptical very small coax \$2.50
52-144-2700 receptical rear mount, \$2.00

SMB SLIDE-ON CRIMP TYPE

51-124-3059 med coax 50 ohm cable plug gold, \$3
51-126-2700 75 bulkhead jack recept. small coax gold \$4
52-127-0000 75 cable jack braided coax small coax \$3

SMB SLIDE-ON

52-146-0029 50 jack plug chassis mt solder term., \$3
52-151-0000-220 75 pc straight jack receptical, \$2.50
52-146-0000 chassis front mt recept. solder term., \$2

SMB SNAP-ON TYPE

51-151-0000 75 pc straight jack recept \$2
51-127-0199 cable plug 75 recept bulkhead med coax \$3
51-127-0000 crimp type small coax 75 bulkhead cable jack, \$2.50

SMC TYPE CONNECTOR

51-010-0000-ai-1 snap on clamp type 50 cable plug braided coax, \$3.00

Bead Terminal

5m75-a-1-9/rrh2h, 100 for \$10.00; 300 for \$20.00

Trompeter



Trompeter J14T-50 Adapter. Has two BNC female connections on one side through patch to two 50 ohm jacks. Unused, \$4.00

LPW-75 Looping Plug. 75 ohms. Unused, \$6.00
J3W Patch Jack WECO-BNC, \$5.00
J13W-75 Sim J3W Self Term 75 ohm, \$5.00
AD1W BNC WECO Male Plug fits above, \$5.00

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SEE PAGES 18 & 19

MINIMUM
ORDER \$10.00
+ SHIPPING

We are proud to announce the addition of our new product lines from NTE, Velleman, and Eclipse. We will continue to be your resource for military electronic surplus but have added these lines of competitively priced consumer electronics to better serve your needs. As you review our expanded catalog you will notice many exciting new items. Enjoy !!

Light/Sound/Temp. DVM

3 1/2-DIGIT DMM - 20 RANGES - 10A - SOUND LEVEL / LIGHT / HUMIDITY / TEMPERATURE. Automatic polarity function. Low-battery indication. Transistor, diode test, audible continuity test. Overrange protection. Sound level measurements: 35-100dB. Light measurements: up to 20000lux. Humidity measurements: 25%-95% RH. Temperature: -20°C to +1300°C. DC voltage: 200m/20/600V. AC voltage: 200/600V. DC current: 200µ/200m/10A. Resistance: 200/2k/200k/1M. 4.8" x 2.4" x 1.6". Includes manual, test leads, and 9V battery. #DVM501, New, \$99.00



LC Bridge

3 1/2-DIGIT LC BRIDGE. Digital LC meter with 3" LCD display and figure height 21mm. automatic zero indication: high measuring accuracy. Capacitance: 2n/20n/200n/2µ/20µF/200µF. Inductance: 2m/20m/200m/2H. 7.4" x 3.6" x 1.2" 3 lbs sh. With manual, test leads, holster, 9V battery. #DVM6243, New, \$96.86



Anemometer

ANEMOMETER. Wind speed measurements in mph, km/h or m/s units. Reads up to 65MPH. Wind speed in Beauford wind scale bar graph. Wind chill display. Temperature display in degrees Celsius or Fahrenheit. Data-hold function. Auto power OFF. LCD backlight. Comes with neckband and 1 x 3V CR2032 battery. 1.5"x.7" x 3.9". #DVM9500, New, \$69.95



Digital Tachometer

RPM-measurements are now safe and accurate. 5-digit LCD displays the exact rpm: 5 to 10000rpm. The last value / max. and min. values are stored automatically. Resolution : 0.05%. Comes with case. Requires 4 x 1.5V AA-batteries. #DT02234, New, \$139.00



Electronic Kits

Kits require insertion and soldering of components!

SIGNAL GENERATOR. Signal output: sine wave, triangle, square wave and integrator (selectable through jumper). Signal frequency: about 1KHz (fixed). Output level: adjustable from 0 to 100mVrms (LEVEL potentiometer). Requires 9V battery (not incl.). 2.2"x1.6". #MK105, New, \$9.95



FM OSCILLATOR. Mini FM modulator (100-108MHz). Integrated pre-amplifier, to which any type of microphone may be connected. Family broadcasts, baby phone, security. May be received by portable FM radio or tuner. power supply: 9 - 12VDC. Input sensitivity preamplifier: 5mV. PCB dimensions: 1.8"x2.8". #K1771, \$12.99 Enclosure for above, 4.7" x 2.4" x 1.6", #G410, New, \$4.46

Gun Sight



Military Optical Gun Sight. No information on this sight. No part numbers. It has a 4 inch lens that looks like it fits into a fixture. Eyepiece with focus ring, but because this is not a complete system we are unable to focus on anything. See <http://www.fairradio.com/optic.htm> for more photos. 10.5x10.9x7, 25 lbs sh. #GUN-S, Used good condition. \$175.00

ARC-187 Cards

ARC-187 Receiver RF/Modulator circuit cards removed from ARC187 for some TCTO. These two circuit boards were the heart of the transmitter. No schematics or hookup info. Mostly discrete components with some surface mount. More pictures at <http://www.fairradio.com/arc187.htm> Each board is 4.5x4.2x0.8, 2 lbs sh. #CB-ARC-187, Used Excellent, \$30.00 for both circuit cards.



CV-2455 Converter

CV-2455 Converter allows the PRC-47 to transmit and receive RTTY signals and has a built in loop current supply (20MA or 60MA) for the teletypewriter (850 cycle shift). A blower for the transmitter to allows 100% duty cycle. It also is setup for remote PPT control. 6.5x6.8x5.2, 7 lbs sh., #CV-2455-U, Used, \$75.00 #CV-2455-UN, Unused, \$125.00



PP-6224 Power Supply

PP-6224 Military 24 VDC 27 Amp Power supply. Power input 115/230 Volts 60 Hz. Has 3.5 inch meter which can indicate Voltage or Current. Excellent for powering the vehicular type radios in your shop. With power Input connector and one connector for rear DC power output. 16.6x16.9x7.2, 99 lbs sh., #PP-6224, Used, \$275.00



ART-13 Crystal Oscillator

CDAT ART-13B HF/VLF Crystal Oscillator module for the WW2 ART-13B Transmitter. This plug in allowed crystal control for 20 frequencies 1670 - 18000khz 4 frequencies 200 khz-500 khz. With 1625 and 6005 tubes. 9.5x5.4 x6.5, 7 lbs sh., #CDAT-13, Used, \$29.95



Battery Boxes

CY-744 Battery Box for the PRC-10 backpack radio. 9.4x9.7x2.5, 4 lbs sh., #CY-744-U, Used, \$29.50 #CY-744-GR, Gov. Recon., \$45.00



High Voltage Wire

15 KV 16 gauge 19 strand gray with red tracer. 20 feet #WRHV-16-20, \$5; 100 feet #WRHV-16-100, \$17
20 gauge shielded 19 strand light gray. Mfg by ITT. 20 feet #WRHV-20-20, \$4; 100 feet #WRHV-20-100, \$12

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This is the only catalog that will be sent this year. A supplement will be sent in the fall.

ECG Soldering Irons



Electric Corded Soldering Irons. Each of the soldering irons listed below feature a long life tip (nickel-iron plated copper) and a

cool grip rubber handle.

25 Watt - Tip temperature 464F, #J-025, \$4.90
60 Watt - Tip temperature 860F, #J-060, \$6.89

Electric Corded De-Soldering Irons, 45 watt, Temperature 788F, Long life tip. #J-045-DS, \$9.94



Butane Soldering Iron & Torch. 30 to 70 Watt performance equivalent to a corded soldering iron. Soldering temperature 410F to 750F (20 sec.). Torch temperature 2500F (instant). Operating time up to 30 minutes. 1 mm conical tip and torch attachment included. #J-500, \$19.56

Butane Heat Gun flameless. Temperature adjustable to 1400F. Operating time up to 120 minutes. Automatic piezo electronic ignition. Deflector shield, rest/stand and spare orifice included. #J-900, \$46.57



Butane Soldering Iron Kit 25 to 80 Watt performance equivalent to a corded soldering iron. Operating time up to 120 minutes. 4-IN-1 use: Soldering - 410F to 850F (20 sec), Hot Knife - 410F to 850F (20 sec),

Torch - 2500F (instant), Heat Blower - up to 1300F (10 sec). Includes the following: Butane soldering iron, Protective cap with igniter, 1mm conical tip, Solder, Torch-tip, Wiping sponge, Hot blower tip, Stand, Hot knife tip, and Carrying case, #J-700KT, \$50.01

Butane Torch Micro-Jet. Features the following: Auto ignition, Child safety lock, Instant 2500F micro flame, Powered by a refillable butane cartridge (included). #J-300, \$12.40



TIPS AND ACCESSORIES

1mm conical replacement tip for J-500 and J-700KT (iron and chrome plated copper pre-tinned). #JT-001, \$7.58

2mm chisel replacement tip for J-500 and J-700KT (iron and chrome plated copper pre-tinned). #JT-002, \$7.58

Heat blower and deflector tip for J-500 and J-700. #JT-003, \$8.27

Two pack butane replacement cartridge for J-300. #JT-004, \$2.48

Replacement conical tip for J-025 (nickel plated copper); 2 tips/package. #JT-101, \$1.13

Replacement conical tip for J-060 (nickel plated copper); 2 tips/package. #JT-102, \$2.15

Kester Solder Supplies

Pocket Pak .031 Dia. 0.5 oz. #83-4000-0000, \$1.69

Elec. Silver Solder, Box 0.35 oz. #83-7145-0415, \$1.46

Kwik-Draw .050 Dia. 1.3 oz. #83-3000-0000, \$2.93

One pound spool of Core Size 66, Alloy 60 / 40, Dia. in. 0.031, Gauge 21. #24-6040-0027, \$12.58

One pound spool of Core Size 66, Alloy 60 / 40, Dia. in. 0.062, Gauge 16. #24-6040-0061, \$11.34

SP44 Rosin Paste Flux 2 oz. #83-0000-0144, \$3.18

Eclipse Soldering Tools



"Helping Hands" Soldering Aid. Table top, weighted base. Multi-dimensional adjustment capability. Alligator style clips for holding subject work.

Without Magnifier, #900-015, \$4.59

As Shown with Magnifier, #900-037, \$5.39

6 Pc. Soldering Aid Set. 6 Double-ended picks and brushes. #900-100, \$6.39



Desoldering Pump. Larger design. High suction force. Exposed plunger. #900-001, \$4.99

Replacement Tip, #900-006, \$2.19

Mini-Desoldering Tool. Compact version of popular the 900-001. #900-161, \$4.17

Replacement Tips available, #900-175, \$1.65

Mini Desolder Pump. Smaller design. Protective shield around plunger. #900-003, \$4.99

Replacement Tip, #900-007, \$1.69

Mini Desolder Pump, Smaller design, Metallic, ESD protective, Conductive tip. #900-004, \$6.69

Replacement Tip, #900-008, \$2.69

Electronic Kits

Kits require insertion and soldering of components!



WATER ALARM. Gives alarm sound when water is detected. Incorporated alarm buzzer. Water sensor can be placed at a distance by cutting the board and using wires to connect the sensor. Requires 9V battery (not incl.). 1.8"x2.8". #MK108, \$7.95



INTERVAL TIMER. For intermittent operation of circuits and equipment. Blinking light, video/photo single frame shooting, slide projector control, miniature models. 3A/24V output relay with dry switch-over contact. Pulse time adjustable: between 0.5 and 5 sec. Pause time adjustable: between 2.5 and 60 sec. Power supply: 12Vdc / 100mA. 1.6"x3.4". #MK111, \$9.95



SIGNAL TRACER/INJECTOR. This signal tracer /injector has been designed to inject or detect a specific signal into an audio circuit in need of repair (such as amplifiers, radios, tone controls, ...) so as to detect the fault. In this way problems can be traced more easily. The signal tracer may also be used as a simple monitor or amplifier. Independent injector/tracer. Injector - 0-2.5Vrms output (adjustable), output impedance: 1.5Kohm, frequency: ± 1KHz. Tracer - 3.5mV to 10Vrms sensitivity (adjustable), gain: 40dB, input impedance: 50Kohm. Output power: 0.5W / 8ohm. Power supply: 7-9VAC or 9-12VDC / 150mA. PCB dimensions: 2.4"x2.1". #K7000, \$19.95

See Pages 1 & 15 for a listing of other kits.



GOD IS JUST A PRAYER AWAY

Fair Radio buys your excess material. We may be interested in some items in low quantities, but prefer higher quantities for our catalog sales.

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FOR ORDERING INFORMATION SEE PAGES 16 & 17

R-390A HF Receiver



R-390A/URR RECEIVER famous military set covers 0.5 to 32 Mhz AM-CW-MCW in 31 one Mhz bands read directly on mechanical digital

counter. 455 KHz final IF; has four Collins mechanical filters allowing 2-4-8-16 KHz selectable bandwidth. Calibration points every 100 KHz; also BFO, AGC, dial locks, 600 ohm audio out, Line and Carrier Level meters. Uses 24 electron tubes; also twinax (balanced) and type C (unbalanced) RF conn. Rackmount; LESS METERS & COVERS. Requires 115/230 V 60 Hz. 0.5x19x16.8, 84 lbs. #390A-UR, USED-REPARABLE, \$325.00; #390A-CH, CHECKED, \$520.00 #390A-CH-SM, Checked with substitute meters, \$575 MANUAL, partial repro, #MM-R-390A, \$17.00

----- COVERS FOR R-390A -----

Hard to find aluminum replacement top and bottom covers for R-390A series. Very close to original. Newly manufactured, #390-TB, \$54.95 RF Cover, Newly manufactured, #390-RF, \$14.95 Set: top, bottom, & RF; newly mfg, #390-S, \$65.95

Replacement assemblies & parts for the R-390A:

CRYSTAL OSCILLATOR (no crystals) #390A-CO, \$20
CRYSTAL, BAND, #390A-(crystal freq.)-CR, \$10 ea 5/\$35
DIAL, COUNTER, #390A-DC, \$18.00
GEARS, #39, #390A-G-39 or #21, #390A-G-21, \$7
GEARS others, #390A-G-(specify#), \$3
GEAR CLAMPS, 1/4" only, #390A-GC, \$2.
HANDLES per pair, #390A-HAND, 8.00
KNOBS, small size, #390A-SM, \$3.00
KNOBS, medium size, #390A-MED, \$3.00
POWER SUPPLY without tubes, #390A-PS, \$25.00
TRANSFORMER, RF, #390A-RF- (specify #) \$9.50
TRANSFORMER, IF, #390A-IF- (specify #) \$9.50
SLUGS only, RF, #390A-SL-RF, \$3.50
SLUGS only, Variable IF, #390A-SL-RF, \$3.50



VFO from R-390A HF receiver with 5749 tube; various mfg (no choice). 4x3x7.5, 4 lbs, used dented less connectors "as-is", #VFO/R390A, \$22.50

455KHz Beat Frequency Oscillator for famous HF Receiver R-390A. UNUSED CONDITION! 3.3x1.5, 2 lbs sh. #390A-BFO, \$27.50



I.F. DECK for R-390A IF transformers, Z501 and 455KHz crystal, and tubes. Less all four 455KHz mechanical filters, BFO, RT510 ballast and tube shields; 4 lbs. #IF/390A, "as-is" \$45.00



RF Amplifier Deck for R-390A. We are selling them "AS-IS" for parts. These are no longer good enough for us to suggest that you can use them as replacements. For parts use only. Includes front gear assembly, set of

RF transformers with slugs and slug racks. Less all of the mini BNC cables and connectors, tubes, tube shields, crystal oven & counter. 9x12x16, 21 lbs #RF-R390A-93, \$35.00

AUDIO AMPLIFIER SECTION for R-390A receiver; includes AF transformers, chokes, and tubes; 8 lbs sh. "AS-IS", less J620 chassis connector, C603/606 capacitors, and tube shields. #AF-R390A, \$30.00

R-390A Test Connectors



Connectors to make test extender cables for R-390A receiver. You receive the 5 male/female connector pairs with covers to make the following extender cables along with instructions from manual: P110-J410(Crystal Osc), P111-J8111/P119-J619 (Power supply/Audio), P120-J620(Audio), P112-J512(IF Amplifier), P108-J208/P109-J709(RF Amplifier/VFO). #390A-CON, \$59.95

R-390A Name Tags

Reproduction Name Tags for R-390A radios. Multiple mfg available. New, \$19.95 each



Motorola Large Print, 3"Wx7/8"H, #TML390
Motorola Small Print, 3"Wx7/8"H, #TMS390
Collins, 2.5"Wx1"H, #TC390
Electronic Assistance Corp., 2.5"Wx1"H, #TE390
Stewart-Warner, 2.5"Wx1"H, #TS390

R-392 HF Receiver



R-392/URR RECEIVER, 0.5 to 32 MHz AM-CW in 32 one MHz bands using mechanical digital tuning. Triple conversion on lower 8 bands, double on others. Selective bandwidth 2, 4 or 8 KHz; 100 KHz xtal calibrator. With 25 tubes:

26A7, 26A6, 26C6, 26D6, 6AJ5, 12AU7. Requires 24-28 VDC 5 amps. Rugged vehicular version of R-390 receiver. 11.5x14.3x11, 58 lbs sh. #392-UR-WO, Used Reparable less knobs & meter, \$245
#392-UR-W, Used Reparable w/ sub knobs & meter, \$295
#392-UR-CH, Checked w/ sub knobs & meter, \$395
Original style knobs but color may not be identical.

MANUAL for R-392, partial repro, #MM-R-392, \$17
SPEAKER for R-392, #LS-166, used, \$18.00
Bracket for LS-166, #166-BR, \$3.00

R-392 Freq Shift Converter

CV-278/GR Frequency Shift Converter for the R-392 HF Receiver. Converts frequency shift signals to neutral or polar marking or spacing DC impulses. 450-500 KHz input, 20/60 ma or polar output for teletypewriter. Uses tubes 8/26A6, 2/26A7. 9.1x13.8x7.3, 22 lbs sh. Less meters and knobs. #CV-278, Used, \$25



RFI Receivers



Singer model #NM-17/27 is a programmable, precision electromagnetic interference/field intensity meter for the measurement of conducted or radiated RF interference,

within the frequency range of 10KHz to 32 MHz. May be used as a VLF unit. The instrument may be used to analyze narrowband or broadband signals within its frequency range. Field intensity or direct peak detector functions may be used for measurements in addition to quasi-peak, slideback peak and BFO detection modes. AM, FM and PM signals may be detected and are available at the video output receptacle for oscilloscope display. Requires 115/230V at 50 to 400Hz. 18.5x16.7x8.7, 55 lbs sh. #NM-17/27, Used reparable with manual repro, \$695.
#NM-17/37 same as above except 20MHz-1GHz, \$995
#NM-26T Stoddart type, EMI Rcvr, 150KHz-32MHz, \$595
FAIRCHILD ELECTRO-METRICS R-70B RFI RECEIVER uses 9 tuning heads covering 0.1 to 1100 MHz; with two cases & manual, #R-70B, \$1200.00

ILS Receiver



FA-8766 PORTABLE ILS TEST RECEIVER, covers 108.1 to 111.9 (5uv sens) and 329.3 to 335.0 (25 uv) Mhz with separate crystal controlled front ends feeding a common 60 mhz IF through a combiner and then converted to a 3 Mhz second IF. The RF and IF sections are in cast metal shielded assemblies. The solid state receiver has audio and AGC detectors. The audio circuits have 90 and 150 hz bandpass filters, the audio is rectified and the output used to drive the DC meters. This unit is a good basis for modification and experimentation. Power input 120 vac or 18 vdc. Receiver has nicad battery/charger circuit. No warranty as to serviceability of battery. See our web page for more pictures. 10.1x9.5x12, 23 lbs sh. Crystals not included. With schematic/info.

#FA-8766, Used \$39.50; 3 for \$100.00

CEI VHF Receivers

Solid State Crystal Controlled

CEI model 440 Plug-in VHF Receiver. Unit has controls for audio gain and squelch sensitivity. Also on the front face is a 1/4" phone jack, indicator light for squelch, and a FS=100uADC signal strength panel meter. DB22255 connector on the rear. It is unknown which series the plug-in receivers work with but they also operate as a stand alone unit. 14x2.5x5, 8 lbs sh. #CEI-440, Used less crystal, \$40.00



All units listed below have the same description as listed above unless otherwise stated. We have no further information on how the units differ from one another unless specified in our listing. Watkins Johnson 441 VHF, #WJ-441, \$39.50
Watkins Johnson 461 UHF, #WJ-461, \$39.75
Watkins Johnson 461-2-1 UHF, #WJ-461-2-1, \$39.95

WJ Receivers

WJ-8737 Panoramic Receiver (RU) w/Display Unit (DU), four solid-state band tuners: 20-90, 90-300, 235-500 and 500-1000 MHz W/ manual copy for = WJ9026; with connectors but LESS CABLES. 5x19 x26, 65 lbs sh. #WJ-8737, Used-working, may not be to specs, \$1375.00

#WJ-8618, 20-1100MHz, Used Operational with manual, \$2500.00

Noise Reduction Unit



JPS Communications NRU 500 Noise Reduction Unit originally designed to improve the signal to noise ratio of HF communications. The unit removes broadband noise, repetitive impulse noise, tones, hetrodynes, and receiver birdies. The unit can be used to process any audio speech signals. Output impedance 600 ohms. Controls on front panel, power; Noise reduction-Max-med-min; bypass on-off; signal LED; in and out level adjust(scdvr); squelch; speaker; phones; monitor level. Requires DB-9 M and F, not included. Requires 115/230V. With manual repro. 8 lbs sh. #NRU-500, Units are in excellent condition, \$325.00

VISIT OUR WEBSITE AT FAIRRADIO.COM

COLLINS 208U-3A



208U-3A POWER AMP automatically tunable over 2 to 30 Mhz SSB-AM-CW @ 3 KW PEP for use with URG-2 radios. Uses 4CX5000 PA tube; tune time 6 sec nominal, 10 sec max. With modules 333H-2 Electronic Control Amp, 309F-1 Digital to Analog Converter, 915V-2 Amp Control, 652J-13 Power Supply, 599Z-1 Test Panel and 915X-1 Control Monitor. Includes manual copies for all components except 915X-1 & 599Z-1.

72.5x32.6x31; 1200 lbs shipping.
#208U-3A, Used not tested less 4CX5000, \$3200.

HF-80 KW Power Amp



ROCKWELL HF-8023 POWER AMPLIFIER, solid-state 1 KW (avg) amp utilizes one driver plus four 250 W power modules to achieve rated output; VSWR: 1.3:1. Designed for use with HF-8014A exciter and power supplies HF-8031 or 8032. Cables & manuals not available. HF-8023 (622-3490-207): 10.5x19 x25, 62 lbs sh.
#HF-8023, USED, not tested, \$2950.00

HF-8030 (622-3383-001) POWER SUPPLY for HF-8020 power amp; 90 lbs shipping.
#HF-8030, unused, \$1500.00

HF-8064 4-CHANNEL HF PRESELECTOR, auto-tuned bandpass filter for HF-8054 receiver & HF-8014.

Provides front-end selectivity & overload protection for Rx; improves cross-modulation & out-of-band intermod. Power: 100/115/215/230 V 47-63 Hz. 5.3x19x24, 32 lbs shipping.
#622-3522-203, used, \$595.00

PRICE REDUCED

100 to 225 MHz Amp



AM-912/GRC AMPLIFIER-MULTIPLIER plug-in for T-302/TRC transmitter; covers 100-225 MHz FM @ 100+ watts using 4X150A tube. Controls Grid & Plate

Tune and Amp Output Coupling. Requires +750 V, 200-350 V screen, and 6.3 V filaments; with schematic. 12x6x14, 24 lbs.
#AM-912, used, \$69.50
#AM-915, 225-400 MHz; 4X150A, 4X150G. \$85.00

AM-914/TRC AMPLIFIER-CONVERTER, plug-in for R-417 receiver in 225-400 MHz range.

Continuous tuning of RF and oscillator; 30 MHz IF. Modify and use as down-converter! With tubes 5670, 4/6J4. Requires 150 VDC & 6.3 V. 7.5x6.5x9.5; 15 lbs sh.

#AM-914, USED, \$35.00
#AM-1179/GRC, 50 to 100 MHz, used, \$39.50
#AM-1177/TRC, 400 to 600 MHz, used, \$44.50
#AM-3203A/TRC, 1.35 to 1.9875 GHz, used, \$49.50

UHF Power Amp



AM-6155/GRT-22 POWER AMPLIFIER (ITT 3212) conservatively rated for 50 watt output from 10 watt exciter input over 225-400 MHz;

uses Eimac X651Z/8930 or Amperex DX393 tetrode (no choice) in silver-plated cavity-drawer; 175-turn TUNE counter dial. Main chassis has solid-state power supply and buffer amp/multiplier; panel meter monitors voltages. Requires 105/120/210/ 240 VAC 50-400 Hz and +20 V reg 60 ma, +20 V keyed; w/schematic info. 7x19 x18.5, 80 lbs sh.
#AM-6155, USED-excellent-NOT TESTED, \$235.00

Power Amplifier Plug-in for AM-6155 amplifier which is conservatively rated for 50 watts. Plug-in includes valuable parts such as the main cavity, low pass filter, directional power detector, and tetrode tube Eimac X651Z/8930 or Amperex DX393. 18.3x7x6.8, 13 lbs sh. #PA-6155, Used, \$135.

HV Supply from AM-6154 or AM-6155 amplifier. Loaded with GREAT parts! 1752V at 270ma transformer, 8HY 300ma choke, 100K ohm 95 watt resistor, 2x5mfd 3KVDC capacitor, & rectifier circuits card. 15x5.7x6.3, 32 lbs sh. #HV-6155, Used, \$95

Bias Supply from AM-6154 or AM-6155 amplifier. 7.1x5x4, 7 lbs sh. #BS-6155, Used, \$30.00

AC - AC Inverter from AM-6154 or AM-6155, 7.1x5x4, 7 lbs sh. #INV-6155, \$32.00

602-999 MHz Amp



AM-1957 AMPLIFIER-OSCILLATOR, 601.5 to 999.5 MHz plug-in for T-893/GRC-50 transmitter. Utilizes three 7289 tubes as 651-1049.5 MHz oscillator, -50 MHz mixer and 15 watt power amp.

Directional coupler detects Reflected Power and provides

monitor output for external meter circuit. RF passes through duplexer having identical receive/transmit sections each with two cavities. (Receive signal routed to separate AM-1955 receiver module.) Transmit RF then moves to second directional coupler which detects Reflected Power also with output for external meter. Wavemeter samples output RF for frequency measurement using calibration chart. Cathode current of each 7289 regulated by external 250 VDC, 650 VDC, 800 VDC, 5.7 VAC, 5.5 VAC. Schematic and info included. 8.9x11x16, 36 lbs shipping. #AM-1957, Used, \$59.50

AM-1955A/GRC AMPLIFIER CONVERTER used with R-1148A/GRC-50 receiver for 600-1000 MHz band; 60 MHz IF. Uses 4037A/2C40A tube as oscillator; also 5654, 2/5842. W/ wavemeter & calibrate book. Requires 150 VDC, 6.3 V. 15x9.5x8, 30 lbs sh.
#AM-1955A, \$25.00

UHF Preselector

F-1506/G UHF Tunable Band Pass Filter / Preselector covering 225-400 MHz dial tuned.

Consists of Lark Engr. FX4000-089 filter with N conn in rackmount package. 5x19x18, 25 lbs sh. #F-1506, Used, \$75.00

GRT-21/22 Transmitter



T-1109 Transmitter from AN/GRT-22 Radio Set. Frequency coverage is 225-400 MHz AM in 3500 channels.

The crystal controlled transmitter has 10 watts output. Associated amplifier is the 50 watt output AM-6155 listed on page 4 of our catalog. Requires 120/240 VAC. 18x19x5.3, 50 lbs sh., #T-1109, Used, \$49.95

T-1108/GRT-21 Transmitter same as above except 116-150 MHz in 680 channels. Associated amp is AM-6154. #T-1108, Used, \$50.00

Schematic Pack f/ T-1108/T-1109, #SCH-T-1108, \$15.

FAA Transmitter

UHF Transmitter FAA We do not know anything about these except that they are exceptionally well built. Please see the pictures on our web site.

Has output transistor MRF325 and driver transistor MRF321. Federal stock #5825-00-140-2735. Model AN/GRN-27. Part #917800-1. Radio Navigation. Mfg by Texas Instruments. 5.9x14x4.5, 11 lbs sh. Units are in good physical condition. #FAA-UHF, Untested. \$35.00

VHF Transmitter similar to above except uses MRF316, Units are in good physical condition. #FAA-VHF, Untested. \$35.00

RF Amp / Preselector



TN-612/G Prepost Selector, consists of RF preselector and broadband power amp. Pre-selector operates in four bands 1.8-3.6, 3.6-7, 7-14, and 10-24 MHz.

Microprocessor-controlled unit has no front panel controls except ON-OFF and indicators for OV DE, OVL, ATT, BITE, TUNE plus silver-plated coils and 3-gang variable capacitor. Frequency is selected by twelve Kilovac HC-1 vacuum relays and nine mini-coax relays along with motor interface adapters. Relays actuated by driver transistors. RF power amp uses four transistors S15-28, T9-0664 and two MRF-466 as output amplifiers. P/o GRC-215 HF-SSB; no further info. Requires 115/230 VAC 50-60 Hz; 4.5x19x17, 46 lbs. #TN-612, Unused, \$250

Broad Band Power Amplifier Assembly covering 1.6 - 24 MHz

removed from the TN-612 pre-post selector. Uses S15-28, T9-0664 and 2/MRF-466 transistors. 24 VDC. No further info at this time. 2.3x17.3x4.5, 9 lbs sh. #AMP-612, \$79.50

HF Pre-Post Selector



RF-551A PRE-POST SELECTOR highly selective bandpass filter for 2-29.999 MHz range functions as pre-

selector for enhancing receiver signal reception or as post selector for reducing exciter output noise when used with 6 db pad (not supplied). 5-decade freq-control knobs & Hi-Lo Gain switch; N conn. Req. 115/230 VAC 47-420 Hz; 5.3x19x20, 36 lbs. #RF-551A, Used-nice, \$350.00
Manual, partial repro, #MM-RF-551A, \$20.00

CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

T-195 Transmitter



T-195/GRC-19 TRANSMITTER 1.5-20 Mhz AM-CW-FSK in ten bands manual or auto tune. Power output 100 W (1.5-12), 90 W (12-16), 80 W (16-20 MHz). Uses two 4X150D tubes in power amp & 20 other tubes. Requires 22-30 VDC 42 amps input (9 amps "stand-by") for dynamotor supply. LESS METERS. With replacement knobs. Companion to R-392 receiver. 11.5x22x14.5, 135 lbs.

#T-195, Used Repairable, \$225.00

#T-195B, Used Repairable, \$265.00

MANUAL for T-195, partial repro, #MM-T-195, \$20.00

POWER CONNECTOR for T-195, #PC-T-195, \$7.50

T-195 FSK Modulator

MD-203/GR Radio Transmitter Modulator for the T-195/GRC-19 Transmitter. The MD-203 is a link in a complete radio teletypewriter comm. system. The teletypewriter signals developed in Teletypewriter TT-98 are supplied through Junction Box J-668 to the MD-203. The MD-203 is connected to the exciter section of the T-195 to produce shifts in the CW signal. Uses tubes 7/26A6, 1/26A7. Less knobs. 9.1x13.8x7.3, 26 lbs sh. #MD-203, \$25.00



FAA Radios



TRX-103 UHF Solid State 3 channel, crystal controlled, AM Transceiver type FA-9606 covering the military aviation 225-400MHz band. Has built in speaker. 50KHz channel spacing. Transmitter output is 3 watt. Antenna impedance 50 ohms. Receiver IF is 21.4MHz. Requires 115VAC 60Hz or 24VDC. Crystals not included. Condition of internal battery AS-IS. 14.1x14.2x7.7, 43 lbs sh. Manual repro included. #TRX-103, Used Repairable, \$175.00

TRX-102 VHF AM Transceiver type FA-8979 is similar to above except covers 118-136MHz and requires 120VAC 60Hz or 12VDC. Crystals not included. Condition of internal battery AS-IS. 13.8x13.8x7.9, 38 lbs sh. Manual repro included. #FA-8979, Used Repairable, \$185.

Type FA-8960A VHF Synthesized Transceiver is similar to above except has the following: tuning level meter, Meter function switch (AVC Voltage, XMTR Exciter, XMTR Output), Digital display, Keypad, and 6 pin connector for Voice/Tone Cont Cable. 13.5x12.4x6.2, 26 lbs sh. #FA-8960A, Used Repairable, \$475.00; Manual is N/A



It is unlawful to operate on these frequencies unless you have a license to do so.

Sonobuoy Receiver



R-1170/ARR-52A VHF RECEIVER 162.5-173.5 MHz AM, FM and video using 31 crystal-controlled channels. Solid-state sonobuoy receiver consists of five plug-in modules; 26 MHz 1st IF, 5 MHz 2nd IF. Conversion possibilities for 2 meters, VHF weather, satellite TV, etc. (See Oct '74 CQ Mag.)

Requires external control and 18 VDC. 7.5x2.5x10, 9 lbs. #R-1170, USED, \$19.95.

SCHEMATIC, #SCH-R-1170, \$5.00 w/ set.

MANUAL, partial repro, #MM-R-1170, \$15.00 w/ set.

Aircraft Receiver



R-761/ARC-58 Receiver covers 2 to 29.999MHz, companion receiver and exciter to T-730. Req. 115 VAC 400 Hz Input. 7.8x10.3 x23.5. 55 lb. #R-761, used, \$135 SCHEMATIC, #SCH-R-761, \$10.00

Control for freq-select; 6 lbs. #C-3141, USED, \$20.

MODULES from AN/ARC-58 or TRC-75 radio sets. Each 4.8x4.5 x1.5, 2 lbs sh. USED-not tested:

AMPLIFIER DETECTOR, 4x 5899 tubes; p/o R-761, #AM-1523, \$17.50

ELECTRONIC CONTROL AMPLIFIER p/o T605/T-730 xmitter, #AM-1525, \$15.00 ea

Similar to AM-1523, #AM-1526, \$17.50 ea

AMPLIFIER-MIXER for R-761 with ten tubes and slug rack, #AM-1528, \$45; Schematic, #SCH-AM-1528, \$3

AMPLIFIER OSCILLATOR with Collins mechanical filter P455 Z1, #AM-1529, \$28.00

MIXER OSCILLATOR, for R-761; oscillators master 70H13A, interpolation, spectrum generator Mech filters F455 Q2 & Q3. #CV-465B \$55.00 Schematic for CV-465B, #SCH-CV-465B, \$10.00

MIXER OSCILLATOR, #CV-465C, \$75.00

BALANCED MODULATOR with mechanical filters F300 Z4 and F300 Z5, etc. #MD-286A \$35.

REFERENCE GENERATOR, #SG-179A/URC, \$35.00

ARN-30D VHF Receiver



R-1021/ARN-30D VHF RECEIVER covers 108 to 126.9 MHz AM in 100 KHz steps (190 channels); originally part of air navigation system. 1st IF 11.7-12.6 MHz; 2nd 1.7 MHz. Electrically turned crystal turrets with frequency displayed on side panel. Adjustable squelch; 300 ohm audio out. 50 ohm input impedance; BNC connection. Tubes 5718, 5840, 5896, 4/5899, 5902, 6021, 6112. Requires 28 VDC 1.8 A and 260 VDC 85 ma. 5.5x11.4x4.6, 10 lbs. #R-1021, Used, \$29.95

ARC-60 Items

R-508 AIRCRAFT RECEIVER, 118 to 148 MHz AM continuously tunable, but does not have dial; tuned remotely using control box with MC-215 flex spline (not available). 15 MHz IF; binding post & BNC antenna connections on front. Tubes 12A6, 14A7, 14F7, 2/14R7, 9002, 3/9003. Same as R-19; p/o AN/ARC-60 & ARC-type 12. Requires 250 VDC 60 ma & 28 VDC. 6.5x5x11.8, 15 lbs. #R-508, Used \$20.



O-423/AR OSCILLATOR-RELAY provides 1 KHz tone for "whistle-thru" tuning of ARC-60. 3.9x5x2, 3 lbs. #O-423, UNUSED, \$15.00

AT-701 Antenna for ARC-60 radio set. This antenna is a quarter-wave, base fed, inverted L-type designed to operate in the UHF band. It consists of a 1/4" diameter L-shaped rod mounted on a small aluminum box containing a receptacle for coupling to a 52 ohm coaxial transmission line. 6" vertical x 7" horizontal x 1/4" diameter, 2 lbs sh. #AT-701, Used, \$10.00



Collins 618T



COLLINS 618T-2 SSB AIR-BORNE TRANSCEIVER, 2-29.999 Mhz SSB-AM-CW in 28000 channels. Power output: 400 watts SSB-PEP 125 W AM-CW; 52 ohm output Imped. Sensitivity SSB: 1 uv for 10 db S+N/N. Selectivity SSB:

2.85 KHz, 6 db down; 6.0 KHz 60 db. Audio Input: 600 ohms. Uses two 4CX250's in P-A. Switch & meter monitor internal power. Separate control necessary for channel select. Racks & cables not available. Requires 115 V 400 Hz 3 phase 1 KVA & 1 phase 160 VA; also +27 VDC 4.5 amps. W/ manual repro; 7.6x10x22.2, 58 lbs. #618T-2, Used reparable with K9 osc, \$495.00

Like above but requires 28 VDC 35 A and 115 V 400 Hz 1 phase 100 VA. #618T-3, Used, \$600.00

MODULES FROM COLLINS 618T HF TRANSCEIVER, as removed from equipment--not tested:

AM AUDIO AMP has mech filter F500 Y60 (526 9378); 2 lbs sh. #546-6053, \$40.00

IF TRANSLATOR has LSB-USB filters F500 Z4 (526 9377) & Z5 (526 9376), Mech. filter as used in PRC-47 to modify for LSB operation, #544-9286, \$65.00

KC- FREQUENCY STABILIZER, has mechanical filter F250 F100 (526 9410) and crystal filter X250KF440 (526 7006); 3 lbs. #618-KC-FRQ, \$35.00

RF TRANSLATOR with K9 oscillator, 15 lbs. #618-RF-TR, \$200.00

618T RF Reference Osc. Module, includes 3 MHz crystal oven which is divided to 500 KHz output, amplified and then divided again to produce 100 KHz output. 4.3x6x2.7, 2 lbs #528-0251-005, used, \$25.00

COLLINS 490T-1A (CU-1669A) AUTOMATIC ANTENNA COUPLER for 618T and similar 2-30 MHz transceivers; rated RF input 630 W PEP, 200 W average. Matches 25 ft or longer whip or 25-100 ft long-wire antenna to 50 ohm line. Terminal for wire and "C" coax connection. Has 5-500 pf 10 KV vacuum variable capacitor and variable step-coil. Requires 115 V 400 Hz; 7.6x 10.1x12.6, 24 lbs. #490T-1A, Used not tested, \$450.00



Collins 618T URM-157 Test Set, Consists of TS-1949/URM-157 and cable which connects the TS-1949 to the 618T. The radio set control is part of the TS-1949. Has meter to indicate forward / reflected power 200/2000 watts. Also provides connections for microphone, headset, audio in, and key. Power input connector also provided. Connections for 516H-1, antenna coupler, DC in, AC out are on the test set (write for available connectors/cables). 34 lb. #TS-1949-U, Used \$350; #TS-1949-UN, Unused \$795

TS-1949 less control box but with test set, RT cable, and AC connector, 23 lbs sh. #TS-1949-LC, \$300.00

TS-1949 only, less control box, 18 lbs #TS-1949-O \$125

SSB HF Transceiver

RT-594/ARC-38A AM-LSB-USB HF TRANSCEIVER, 2.0 - 25 MHz using 20 preset channels with autotune channel change. Stabilized master oscillator allows possible 35250 channels in intervals 500 Hz (2.0-7.25) and 1000 Hz (7.25-25 MHz). Output 100 W PEP < 14.25 MHz; 90 W > 14.25 MHz. SSB sensitivity 1.5 uv for 10 DB S+N/N. Selectivity 3 KHz min 6 DB dn; 8 KHz max 60 DB. Has 25 tubes with 3/ 6159 in P-A. Requires +28, +600, +250, -50, -65 VDC & 6.3 VAC; Also 115 V 400 Hz for selsyn on inductor. 15.5x8 x25, 80 lbs. #RT-594, Used, \$175 Manual, repro, #MM-RT-594, \$22

As above but not SSB. #RT-311/ARC-38, \$130.00

COLLINS 618S1, similar to RT-594/ARC-38A except not SSB; crystal-controlled (no VFO). #618S1, Used, \$75 Setting Book repro // C-1398 control, #SB-C-1398, \$10



PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

ARC-51BX UHF Tx-Rx



RT-742/ARC-51BX UHF Aircraft Transceiver, 225-399.99 MHz AM in 3500 available channels, 50 KHz spacing; also has guard channel. Output 16 watts min. RF impedance 52 ohm input & output. Audio and mic impedance 150 ohms.

Doesn't include ID-1003 SWR indicator; separate control box necessary for function & freq-selection. W/ tubes 4/ 7077 and 4/ 7544; requires 27 VDC 13 amps. 7x9.5x15.1; 35 lbs. #RT-742, Used, \$150.00

ARC-109 Transceiver

RT-749/ARC-109 UHF AIRCRAFT

TRANSCIVER, solid-state Collins unit operates on 225-399.95 MHz AM, DSB and A3 phone @ 30 watt min. 3500 available channels in 50 KHz intervals plus 243 MHz guard channel.

Uses 4631 tube in P-A; 150 ohm audio/ mic impedance. C-6364 control necessary for channel select; cables & racks not available. Replaced ARC-27-34-51-52. Requires 115 V 400 Hz 3 phase. 6.8x9x16, 29 lbs. #RT-749, Used, \$350.00

SCHEMATICS 1/RT-749, repro, #SCH-RT-749, \$12.00 CONTROL, used, #C-6364, \$45.00 w/set purchase.

FM Transceiver



MAGNAVOX FM-622 (RT823/ ARC-131) Airborne Transceiver, covers 30-76 Mhz FM in 920 channels, 50 KHz steps. Output 1 watt in LO; 18 W max HI @ 29 VDC RT has Squelch Disable & Adjust, Test switch. Meter monitors +24 V+16 V-AGC-RF FWD- RF REFL-OFF. Control box provides channel select, Volume, Squelch,

OFF-TR-RE-TRAN HOME switch. Has some modules common to RT-524/VRC-12. Requires 24-29 VDC 4 amp max. Rack & cables are N/A. 7.8x5.9x15.6, 31 lb #FM-622, Used w/control box, \$250.00

Collins VHF Tx-Rx Set

AN/ARC-73 AIRCRAFT RADIO SET

designed by Collins; consists of T-879 (17L-7A) transmitter, R-1123A (51X2B) receiver, C-4074 (614U) control and MT-2699 rack. T-879 covers 116 to 149.95 MHz AM in 50 KHz steps (680 channels) with 25 watt output to 133.95 MHz and 20 W min. above. Sidetone level 100 MW into 500 ohms; mic impedance 100 ohms. R-1173A covers 108 to 151.95 MHz in 50 KHz steps (720 channels). Sensitivity 3 uv; audio output 500 ohms. Both have antenna input impedance of 52 ohms and require 27 VDC (7.3 amp max transmit) power. Both utilize tubes and transistors. C-4074 control sets frequency on mechanical counter and has Volume, Squelch, and On-Off functions. Mating connector not available. MT-2699 rack is unused but is missing connectors. Operator's manual and schematics included; 9.5x8.5x16, 40 lbs. #ARC-73, used, \$149.50 TRANSMITTER only; 20 lbs sh. #T-879, USED, \$69.50 RECEIVER only; 19 lbs sh. #R-1123A, USED, \$75.00 CONTROL BOX for frequency select, volume control, etc.; w/ set purchase. #C-4074, Used, \$15.00

ARC-105 HF Radio



RT-712/ARC-105 HF TRANSCIVER, pressurized 61872; modules interchangeable. Covers 2 to 29.999 MHz SSB-AM-CW in 28000 channels. Front has hour meter, C and BNC connections. Separate control needed for freq-selection.

Connectors not available; Requires 115VAC 400Hz 3 Phase. 10.5x 11.5x23, 70 lbs. #RT-712, Used, \$325.00

ARC-54 Transceiver



RT-348/ARC-54 VHF Aircraft Radio Set, FM unit covers 30-69.95MHz in 800 channels with 50Hz spacing, 10W, X-mode capable, 27.5VDC at 7 Amps, Manufactured by Collins. 15x5x7.7, 25 lbs sh. #RT-348, Used, \$175.00

VHF Transceiver

RT-723A/GR VHF Transceiver covering 118 to 149.95MHz in 50KHz steps. Rackmount unit comes with Wilcox 807 transceiver and control box.

Requires 115VAC 60Hz.

17.8x19x10.5, 77 lbs sh. #RT-723, Used, \$450.00



Test Panel



Test Panel for Wilcox 807 VHF transceiver with control box 97733-100, ITT Cannon connector for rear of Wilcox 807, test points for the following: Data

Link input, O dbm input, mike input, data link output, receiver output, sidetone output, detector meter, detector input, scope output. Mike, sidetone, and receiver audio jacks. External squelch; on/off, control, disable. Audio on/off. PTT disable. Overall dim., 15.8x22.2x8.8, 32 lbs sh. #807-TP, Used, \$115.

Test cable with male/female connectors to extend Wilcox 807 radio from mount. Length approx 3 ft.

#807-CABLE, \$30.00

Control box for Wilcox 807. #97733-100, \$50.00

Rack Cabinet only from above less the front panel, control box and cables. Has a 7" height opening and an allowance of 14" deep. Has louvered sides. The top of the cabinet opens for easy access. Has 2"Hx20"W hole along the base of the rear of the cabinet. 28 lbs. #807-RACK, Used, \$35.00

GRC/VRC Equipment



RT-68/GRC TRANSCIVER, 38-54.9 MHz FM continuously tunable or 100 KHz-step channels. Receives and transmits both voice and 1600 Hz ringing FM; range 10-15 miles. Receiver circuit has variable 1st IF 4.45-5.45 MHz and fixed

1.4 MHz 2nd IF; also squelch and 600 ohm audio output. Transmitter uses crystal-controlled oscillator and oscillator power amp; power output 2 watts (LO) or 15 W (HI). Also meter to monitor xmitter filaments and 90 V input. Requires PP-109 or -112 power supply. Tubes 4/1U4, 2E24, 2/1A3, 2/1L4, 4/1R5, 2/1AE4, 1S5, 4/3Q4, 3A4, 3/3A5, 2/3B4, 6AK5. 9x13x11.3, 42 lbs sh. #RT-68, USED, \$115.00 TRANSCIVER, 27-39MHz, #RT-67, USED, \$99.50 TRANSCIVER, 20-28MHz, #RT-66, USED, \$89.50

PP-112/GRC 24 VDC SUPPLY for RT-66-67-68 transceivers; provides all voltages from 24 VDC 6.5 amp input. Case may have casting chip(s); 7.3x9 x13, 39 lbs sh. #PP-112, USED, \$27.50.

PP-109 Supply, 12 VDC 12 A input. #PP-109, Used, \$35

#CX-1211 INTERCONNECT CABLE, RT: PP units, \$12



R-108/GRC RECEIVER, 20 to 28 MHz-FM continuously tunable with variable squelch; 4.3 MHz I.F. Audio output: 600 ohms. RF input: 50 ohms. With tubes 3/1U4, 2/1L4, 1A3, 2/3A4, 1S5, 2/3Q4, 2/6AK5 & 0B2. Requires 135 VDC @ 70 MA. and 6.3 VDC 2 amps. 7.5x9x13; 32 lbs shipping. #R-108, GOV'T-RECONDITIONED, \$55.00

R-109 RECEIVER, same as R-108 except 27-39 MHz. #R-109, Used, \$45.00

USB Receiver-Exciter



RT-662/GRC-106 TRANSCIVER, 2 to 29.999 Mhz USB-AM-CW-FSK; tunes using 5-decade mechanical switches to 1 KHz steps +

vernier. Exciter output 100 MW. Controls: Service Selector, PA Load, Squelch, Noise Blanker, BFO and audio functions. LESS Signal Level meter. Requires 24 VDC 10 amp; 7x18x13, 56 lb sh.

#RT-662-AI, Used: "AS-IS" not tested/LESS meter, \$275 #RT-662-CH, "Checked" w/ meter (not original), \$450

RT-834/GRC-106A, similar to RT-662 above but 2-

29.9999 MHz, 0.1 KHz increments. USED:

#RT-834-AI, "AS-IS" no meter, \$300.00

#RT-834-CH, Checked with sub meter, \$495.00

GRC-106 MODULES for RT-662 and RT-834, most modules available except 1A3 Freq-Standard removed from "used" radios. 2 lbs sh.

Price: UNTESTED, \$20 ea. Add \$20 per module for "CHECKED" modules. #MOD-(specify module #-) (specify RT #-) (untested "UNT" checked "CH")

AM-3349/GRC-106 POWER AMP for RT-662/834; amplifies 100 MW RT output to 200 W AM or 400 W PEP. Uses two 4CX350FJ tubes. Requires 28 VDC 1 KW max; 77 lb #AM-3349, Used-AS-IS, less meters, \$400



Manual, partial repro GRC-106/106A, #MM-GRC-106, \$40 Operator's Manual, GRC-106/106A, #OM-GRC-106, \$10 HANDSET, #H-33, used-checked, \$17.50

MIC, #M-29B, used, \$12. Headset, #H-227, \$17.95

MOUNT & SIDE PLATES, 25 lb. #MT-3140, Used, \$35.

INTERCONNECT CABLE, #CX-10099, used, \$20.00

ANTENNA CABLE, 4 lbs. #CX-10171, Used, \$22.00

Suppressor see pg 26 for descript. #MX-7777B, \$22.00

TELETYPEWRITER, 100 lbs, #UGC-74, Used, \$85



MD-522A/GRC MODEM, modulator-demodulator for GRC-106/ 106A HF radios and teletypewriters TT-4A, TT-76, TT-98, UGC-4 or UGC-74. Permits

transcription of voice, narrow (NSK) or freq (FSK) shift keying, freq-diversity and NSK +voice. One-way or duplex Send-Receive. Internal loop voltage 120 VDC 60 ma max. Has 2BP1 CRT, U-77 mic & 600 ohm audio connections. With original volt-current meter for customer to install. Req. 24 VDC 1.4 A;

7x18x13, 41 lb. #MD-522, Used, \$165.00

Manual repro, #MM-MD-522, \$25.00

Power Connector, #PC-MD-522, \$10.00

GRC-109 Transmitter / Supply

PP-2684/GRC-109 POWER SUPPLY provides voltages for RT-3/T-784 and R-1004/RR-2 from 75-260 VAC 40-400 Hz or 6 VDC 13 amp input. Meter monitors AC input; connections for RX and Tx. 10x8.5x5.5, 28 lbs sh. #PP-2684, Used, \$29.95



PP-2684A, Similar to above except larger case with snap closures. #PP-2684A, Used, \$32.00

Manual for GRC-109, partial repro, #MM-GRC-109, \$17

VOLTAGE REGULATOR, for use with G-43 generator and R-1004; 6 ft cord with PL-244 plug; 4 lbs sh. #CN-690, Used, \$19.95

GRC Audio Amp

AM-65/GRC AUDIO AMPLIFIER, 3-channel audio for RT-70 transceiver; also works as power supply when PP-281 or -282 modular supply is installed inside AM-65. 4.4 x 8 x 13, 17 lbs sh. #AM-65, Used, \$25.00



Dogbone Cable RT-70/AM65. #CX-1213, Unused, \$22.

EMAIL US YOUR INQUIRIES AT FAIRADIO@WCOIL.COM

R-442/VRC Receiver



R-442/VRC RECEIVER 30-75.95MHZ FM RECEIVER. 920 50 KHZ CHANNELS. Has noise and tone operated squelch. Normally used with antenna system AB-15, MS 116, 117, 118. Power connections through MT-1898 mount and DC power cable, CX-4720 which are included. 13.5, 5 x 8 x 8.9, 31 lb sh. #R-442, Used Repairable \$300.00

TRC-68 Transceiver

RT-441B/TRC-68 Transceiver 225-400 Mhz AM. 1960's vintage transceiver, basically same as RT-323/VRC-24, rated 16 watts minimum 225 to 400 Mhz. As pictured, no case, no dynamotor/power supply. Voltages required 26.4vdc 125 vdc 300 vdc. Utilizes the following tubes. 7/5670 10/5654 6442 4x150D 7554 6/6j4 6/5670 4/ 5763. 15.2 x 9.5 x 10.2, 47 lb sh. #RT-441, Excellent condition \$200.00 Manual Repro, #MM-TRC-68, \$35.00 #MT-1436 Terminal Box less cover. Unused, \$20.00



2-12 MHz USB 100 Watt

RT-671/PRC-47 HF TRANSCEIVER, 2 to 11.999 MHz USB (voice and CW+800 Hz) in 1 KHz steps. Output 100

watts PEP (Hi) or 20 W (Lo). FSK possible with accessory converter (not available). Transistorized except for PL-177WA tube in power amp and 5907, 7761, and 7905. Has 5-phase mechanical digital tuning, P-A Load and Tune controls, and XMTR Output Meter. Designed for field or vehicular use; operates from either 24 VDC 20 amps or 115V 400 Hz. 7x21.3x13.5, 45 lbs. #RT-671, Used, \$150.00

MANUAL for PRC-47, partial repro, #MM-PRC-47, \$25. LONG-WIRE ANTENNA, 3 lbs., #AS-1321, \$15.00 HANDSET, #H-33, used-checked, \$17.50 "Y" CABLE for H-233 to RT, #CX-8396, \$8.00 50 ft AC Cable, #CX-8393, \$15.00 Battery Cable, #CX-8395, \$8.00 BACKPACK FRAME only w/ harness, #PRC-47-BF \$12.50 SILVER CELL BATTERY, 24 VDC 25 AH for PRC-41/47, 15 lbs sh. #BB-451, UNUSED, \$225.00 ALUMINUM TRANSIT CASE, 65 lb, #CY-3700, \$28.00 TUBE USED STT, #PL-177WA, \$25.00

MODULES from PRC-47 transceiver. Used not tested:

AUDIO AMP has mic, sidetone, vox & compressor circuits of TX; AGC & audio for Rx. Requires 20 & 24 VDC. 4.3x4.3x2.8, 2 lbs. #AM-3506, \$15.00

AMPLIFIER MODULATOR contains LSB 500 KHz mech filter F500-Z5 (#526-9376) plus balanced modulator and product detector. Requires 20 VDC; 4.3x4.5x1.3, 1 lb. #AM-3507, \$35.00 Connector set. #AM-3507-CON, \$6.00

CONTROL OSCILLATOR, 3 lbs. #C-4311, \$25.00

SIGNAL DATA TRANSLATOR with tubes 5907, 7761, 7905; 5 lbs sh. #CV-1377, \$50.00

RF OSCILLATOR contains 3 MHz crystal in oven; produces 500 and 100 KHz outputs. Requires 20 VDC; 4.3x4.5x1.3, 1 lb sh. #O-1032, \$20.00

POWER SUPPLY, 16 lbs sh., #PP-3518, \$25.00

Eastern Block Radio



The Russian Tube Type Radio R-105M was intended for use by infantry units. Operating in one continuous band on 36-46.1mc, with an intended channel spacing of 25 or 50kc. RF power output is rated at 1 watt, FM. Power is derived from two internal Nicad batteries. Durable bakelite housing. Removeable front and back covers. With accessories. 12.3x5.5x11.7, 23 lbs. #R-105M, Used, \$250.

PRC-25/77 Backpack Radio



RT-505B/PRC-25 TRANSISTORIZED BACKPACK TRANSCEIVER, 30-75.95 MHz FM in bands 30-52.95 MHz (Lo) and 53-75.95 MHz (Hi) with 50 KHz spacing. Output: 1.1 to 2.0 watts; 150 Hz squelch. Transistorized except 2DF4 tube in power amp. Requires 3 VDC 400 ma and 15VDC 1.4 amp supplied by BA-4386 battery. RT-505B has modified A25 audio module for broadband use with C-7673/PCC-1 and CU-2194 diplexer. 4x11x14, 18 lbs. #RT-505B, Used, \$300.00

RT-841/PRC-77, Similar to above, #RT-841, \$550.00

Manual for PRC-25, partial repro. #MM-PRC-25, \$20.00 Manual for PRC-77, partial repro. #MM-PRC-77, \$20.00 Backpack Harness. #ST-138, Used Excellent, \$35.00 RIBBON ANTENNA, #AT-892, used, \$12.00 RUBBER BASE for AT-271, used, #AB-591, \$7.00 BATTERY 1/ PRC-25-77, "weak" #BA-4386, 3/\$5.00 BATTERY, 1995 X-date (no UPS or air), #BB-5598, \$4.00 ACCESSORY BAG, used, #CW-503, \$7.00 HANDSET or = for PRC-77/25, #H-250, Used, \$18.00 Original Op's Manual 1/ VRC-53 (PRC-77 & AM-2060) #MM-VRC-53, \$20.00

PRC-25 Accessory Kit consisting of H-250 handset, AT-892 ribbon antenna, AT-271 telescoping antenna, AB-591 rubber base for AT-271, and CW-503 bag which holds all the before mentioned accessories. 6lbs sh. #PRC-25-KIT, Used, \$69.50



AM-2060 Audio Amplifier / Power Supply with interconnect cable CX-4655. PRC-25 or PRC-77 transceivers sets on and plugs into AM-2060. Unit has a speaker for the transceiver, remote antenna tuning for the AS-1729 antenna and allows 24VDC vehicle electrical to power transceiver. Comes MT-1029 mount. 11.8x15x6.7, 23 lbs sh. #AM-2060, Used, \$360.00

AN/GRM-55 TEST SET, used to check test points in modules of RT-505/PRC-25 transceiver and to isolate circuit problems. (Indirect tests only of modules A2, A12-13, A19-20.) Includes TS-1755 test unit, MX-4622 probe, CX-8593 cable Assy and CG-409 BNC cable. Requires 12.5 VDC 1 W per 5 sec test. 5.5x7x8, 10 lbs sh. #GRM-55, Used, \$54.50



6 Meter Diplexer

CU-2194/JRC DIPLEXER, passive two-port notch filter and combiner network; allows simultaneous use of two transmitters, receivers, or transceiver on a common antenna provided that operating frequencies are slightly offset. Usable over 30-76 MHz FM for use with PRC-25-77 & VRC-12 transceivers; will work with commercial 6-meter equip. Has NULL METER, TUNE controls, Fine-Coarse-Monitor MODE Switch and RT1-RT2 BNC connections. Unit may function as man-portable relay terminal. Maximum RF power to each channel: 65 watts cont. Operational Isolation: 45 DB min @ 2 MHz separation. Insertion loss: 2 DB max; VSWR 2.0:1 max. 4x11x7, 10 lbs. #CU-2194, Unused, \$69.50; #MM-CU-2194, Original Manual, \$10

PRC-41 Manpack

RT-695/PRC-41 UHF MANPACK UHF TRANSCEIVER, 225 to 400 MHz AM in 100 KHz steps counter; output at least 3 watts over range. Also has guard channel, Volume, Squelch, and U-77 connection for H-33 handset. Solid-state except for tubes 6442, 4/7077, and 4/7544. Requires 24 VDC 3 amps; 14x11.3x4.5, 22 lb. #RT-695, Used, \$149.50 Manual for PRC-41, partial repro, #MM-PRC-41, \$20.00 HANDSET, #H-33, used-checked, \$17.50 VEHICLE MOUNT for PP-3700, 4lb., #MT-2977, \$9.00



PRR-9/PRT-4 Radios



GOV'T-RECONDITIONED each single channel with crystal for 51 Mhz FM: PRR-9 RECEIVER with earphone, antenna, & operator manual. Requires 5 V 25 ma battery power; 7x3.5x1.5, 3 lb. #PRR-9-GR, \$40.00

AN/PRR-9 (XE-9) SET, updated PRR-9 with "squelch"; requires 3 VDC input from BA-4534 battery (not available). With AS-1998 ant, earphone, lanyard & operator's book; 6 lbs sh #PRR-9-UN, Unused, \$89.50

Manual repro for PRR-9/PRT-4A, #MM-PRR-9, \$15.00

Horn speaker for PRR-9. #PRR-9-HO, Unused, \$5

AN/PRT-4 w/ antenna & battery box, Used less crystal, #PRT-4, \$20.00

AN/PRT-4 "AS-IS", less crystal, antenna, & battery box; for parts or experiment, #PRT-4-AI \$8.

PRC-75 Radio



RT-976A/PRC-75 UHF TRANSCEIVER, rugged handheld ground-to-air tactical synthesized radio covers 225 to 399.95 MHz AM-CW in 50 KHz steps (3500 channels). Power output >1 watt. Has three thumb operated dials to set frequency; design frequency accuracy 1 part / 100000. Also has 1000 Hz audio beacon-DF tone. RF Input 50 ohms; audio output 600 ohms. Requires 18-30 VDC from battery pack (not supplied); no accessories; 1.6x4.3 x8, 6 lbs. Look nice, complete but not working. #RT-976A, Not repairable "As-Is, \$75.00

RIBBON ANTENNA, fastens to RT-976/PRC-75 225-400 MHz handheld transceiver; 14.6"L. snap fasteners. #AS-2447, NEW, \$10.00

ANTENNA ADAPTER, allows for BNC coax antenna connection. #UG-1884, NEW, \$9.95

SEM-52 Handheld

German-made unit can operate on six preset channels (2 supplied) in 47-56.975 MHz FM range @ 300 MW; 25 KHz spacing. Has Off-On-Squelch (AUS-EIN-RSP), Volume & Channel (KANAL) select. Requires six AA-batteries. Includes RT, 35" ribbon antenna w/ flex base, "web" head-set-mic and carrying bag. May not comply with FCC regulations. 7.1"Hx3.4"Wx1.5"D, 4 lbs sh. #SEM-52, Used-clean not-tested, \$125.00



PRC-6 Handheld

RT-196/PRC-6 FM TRANSCEIVER, Israeli 1950's vintage single-channel crystal-controlled in 47 to 55.4 MHz range. Output good to about 1 mile depending on terrain and weather conditions. Handheld unit has push-to-talk switch, Volume Control, ribbon antenna, carrying strap and connection for H-33 handset. Uses CR-23 crystal (not included). With tubes 6/ 5678, 3B4, 3/5672, 2/5676 and 2G21. Requires 1.5, 45 and 90 VDC usually supplied by BA-270 battery (not available). 15x5x4.5, 6 lbs, #PRC-6, Used, \$99.50

Original Manual for PRC-6, #MM-PRC-6, \$10.00

Crystals for PRC-6, specify 1st, 2nd and 3rd choices of desired working freq. #PRC-6-CR-(freq.), \$10.00 ea

PRC-41 Power Amp

PRC-41 UHF Power Amp AM-6669 RF Power Amplifier, designed for use with PRC-41 transceiver, but usable with other 225-400MHz xmitters such as PRC-66, ARC-45, etc. Power output: 10 watts from 2-3 W input; "N" connections Solid-state; 24 VDC required. 5.3x6x9.8, 10 lbs sh. #AM-6669, Used Repairable, \$250



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GRC-213 Amp / Supply



AM-7152/GRC-213 Amplifier / Power Supply / Squelch unit. The unit increases audio output and provides squelch circuitry for the AN/PRC-104, which the transceiver does not itself incorporate. It also provides DC power for the PRC-104. The AM-7152 may be used with the RT-1209/PRC-104 to provide audio and squelch without the entire GRC-213 set, or with any other HF/SSB transceiver that does not have squelch capability of its own such as the AN/PRC-74 or AN/PRC-47 sets. Requires 24VDC. 10x12.5x3.5, 14 lbs sh. #AM-7152, Used, \$235.00

Military Batteries



BB-5598 LITHIUM BATTERY for RT841/ PRC-77/25 radio; output 12.5 VDC. Two BB's fit RT battery box. Has discharge switch to make non-reactive after final use; 1995 expire date. Class 9 hazardous item; USPS Shipping ONLY. 3.5x4.8x2.1, 2 lbs sh. #BB-5598, Unused, \$4.00 ea; 2/\$6.50; 24/\$50.00

Rechargeable Nickel Cadmium Battery for PRC-68/68B/ 126/128 radios. 15 Volts 0.80 AH at 0.16 A. Date Code: 11/89. 1.5 x 4.3 x 4, 3 lbs. #406870-1, Unused, \$32.50



Military Nickel-Cadmium Battery Pack, four D-cell batteries in plastic pack produces 4.8 V 3.2 amp-Hr; 3/80 date code. 3.5x5.5x1.5, 3 lbs. #4D2704, 5 for \$10.00

BB-490 Battery/Charger



Lead Acid Battery Pack with Charger, consists of two BB-490 military batteries each rated 24VDC (2x12 VDC) 1.8 Amp-Hrs @ 0.35 amps; AM5-H6 charger fits on top of BB-490 or similar batteries and shows "charging" and "ready" on LED indicators. MPS-CH2 charger power supply output 16VDC 1.5 A from 115V 60 Hz input. BB-490 used in PRC-104, etc. radios; 4.3 x 5 x 2.5. Kit 9 lbs sh. #BB-490, New, \$19.95; 3 for \$50.00

GRC/PRC Battery Test

AN/PSM-13 BATTERY TEST SET; checks GRC and PRC-type battery packs BA-270, -279, -376, -377, -4386/ 398/ PRC-25, -399, and -505. Meter indicates BAD-GOOD (FS=1 MA). With adapters U-240, -241, -314, -315, -347, -410 & canvas case. 7 lbs. #PSM-13, Used excellent, \$24.95



Military Battery Tester



TS-183 Battery Tester. Checks a large number of different military batteries for radios such as PRC-6, PRC-10, PRC-25, BC-620/659, GRC-9, and many many more. For a complete listing of the batteries see our website at www.fairradio.com/ts-183.htm. 10.2x15.3x7.4, 18 lbs sh. #TS-183-U, Used, \$30.00 #TS-183-GR, Gov't Recon., \$49.95

ARC-34 Test Set



AN/URM-76A Radio Test Set for ARC-34 radio can be used as a DC voltmeter with the following DC voltage ranges: 1.5, 5, 15, 50, 150, 500. Uses 3.5 inch 50 micro amp DC meter. Case contains meter, 1% precision resistors, 20 position test switch, probes, aluminum case with cover. The unit can be easily modified for other test uses. 4.3x8x7.5, 8 lbs sh. #URM-76, Used good condition w/ schematic, \$18.95

600W Power Meter

ME-165/G STANDING WAVE-RATIO POWER METER,

designed for use with T-368 400 W transmitter; uses 12/ 600 ohm 50 W non-inductive resistors in parallel to provide 52 ohm 600 W load with SWR of 1.1:1 or less upto 30 MHz. Has 0-600 Watt meter, function switch Power-Adjust-SWR-Operate, & N connections. Flanged on back for wall mount. 1.5x9.8x9.8, 20 lbs.

#ME-165, Gov't-Recon, \$125.00 Manual repro, #MM-ME-165, \$8.50



Dummy Load



Collins 172H-8 500 watt Electrical Dummy Load simulates the impedance of an 85 foot, long-wire antenna in the hf band 2-30MHz. The RF loading components are cooled by a fan mounted in the front

of the case. 0-10 RF ammeter on rear panel. Fan requires 115VAC 400Hz but we are including a replacement fan for you to install that requires 115VAC 60Hz. 13.8x9.5x7.3, 19 lbs sh. #172H-8, Unused, \$125.00

Battery Boxes

CY-7541/PRC-104 BATTERY BOX, plastic box clips onto PRC-104 backpack radio set and will hold 16 silver-zinc (or =) batteries that provide 20-32 VDC. Side unscrews to insert batteries; 3.8x12.5x2.6, 4 lbs. #CY-7541, unused, \$25.00



CY-6327A battery box for PRC-66 backpack transceiver. 2.6x10.5x5, 3 lbs. #CY-6327A, unused, \$14.95



CY-6121/PRC-74 BATTERY BOX, aluminum box designed to clip onto RT-794/PRC-74A/B backpack transceiver and will hold ten BB-418 nickel-cadmium cells. Has swivel-legs to steady radio; 8.5x12x3.5, 7 lbs shipping. #CY-6121, Unused, \$49.50



AA-BATTERY BOX for Trimble Navigation Trimpack GPS receiver. Clips onto & allows operation of GPS from 8 - AA batteries (not included). 1.6x 6.5x1.5; 1 lb. #GPS-13828-00, NEW, \$22.00



ARC Type Connectors



Hard to find ARC connectors for the WW2 Command Sets and later ARC Type 12 Radio Sets. Some of these connectors can be used as is. Some need to have guides filed off. Much information is in the Tauson book, "A Users Guide to Aircraft Radio Corporation Receivers." Also see the ARC connector catalog reproduction. Connectors are unused unless marked Used. "M" designates Male and "F" female.

ARC #	pins	m/f	Works with	Price
16743	12	f	CV431	\$15
12341	19	f	C-2275 R-836 R1021 C3436	\$15
14320	19	f	C25 Control	\$12
12370	2	f	TYPE 12 15 Power	\$10
12427	2	m	Chassis Type 12 Rec 15 Rack	\$10
12426	3	m	Loop Antenna Connector R836	\$10
14052	4	f	T11 13 Power	\$15
12337	4	f		\$10
16104	4	f		\$12
12338	8	f	15 & Command Racks w/ Mod.	\$15
15912	8	f	Modulator Command Rack	\$15
14050	8	f	T11,13 Mod f/ Command Racks	\$15
12097	8	m	Chassis type	\$10
PL-151	6	f	Modulator and Receiver Rack	\$15
PL-153	18	f	Modulator tx Control Boxes	\$15
			C38 MD-7	

A User's Guide to ARC Corp Receivers - by M. Tauson; ARC-5, ARC-type 12 etc, #BK-USERS, \$10

ARC Connector Catalog reproduction, #CAT-ARC, \$5.00 each

"Other Vintage Connectors"

PL-59	BC-191 / 375	\$12
PL-61	BC-191 / 375	\$18
PL-64	BC-191 / 375	\$18
PL-134	RU-18	\$15
PL-135	RU-18	\$15
PL-164	2 f SCR-522	\$12
PL-167	4 f SCR-522	\$12
PL-169	12 f SCR-522	\$12
PL-171	6 f SCR-522	\$12
PL-172	2 f SCR-522	\$12

Radio Cables & Connectors

VRC DC Cable, 8 feet. #CX-4720, \$12.00
VRC Control Cable, 5 feet, #CX-4722, \$10.00
VRC Control Cable, 1 foot, #CX-4723, \$7.50
AUDIO CABLE, 25' U-229 /-228, #CX-7867, \$10.00

30" long two conductor 8 gauge cable with a standard GRC 4 pin female connector for T-195, GRC-106, etc. on one end going to two bare wires on the other. The 4 pin connector is a commonly used on many GRC equipment for power in. 2 lbs sh. Used, #GRC-CBL-30, \$14



Adapter, 33" cable with a U-77 audio connector on one end and two U-79 connectors (mates to U-77) mounted on a panel box on the other end. 3 lbs. #J-654, Used, \$12

+++++ Three pin connector pair. MS3114E8-3S chassis male and MS3116P8-3P cable female connector pair for audio or low current voltage use. Wire can be easily soldered to the gold plated pins. These connectors lock together with a half turn cam action. They will not come apart from vibration. Excellent for use in vehicles and high vibration applications. Removed from unused equipment. #3PIN-PR, \$15.00 per set

GRC/VRC male connectors, specify type & equipment used. #CON-(equip)-(strain="st" crimp="ct") Used-cut-offs: Strain type, \$7.50 each; Crimp type, \$3.50

Audio Connectors: #U-77, \$4.00 #U-229, \$5.00

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

Canvas Bags & Covers

BAGS & COVERS may be used or unused. May have minor wear, tears or discolor:

SHOULDER BAGS with adjustable straps; USED:
 #BG-175, 10x8x10.5, \$12.00
 #CW-189, 10x9x10, \$10.00

GRC/VRC EQUIPMENT COVER

#CW-140 for GRC-9, Used, \$10.00
 #CW-329 for GRC-3-8, Unused, \$14.00
 #CW-330 f/ RT-66-67-68 & PP-109-112, Unused, \$15

ROLL BAG 50"x19".

Holds up to six 30" to 50" mast sections or twelve 24" or shorter mast sections. Has a few other compartments for holding antenna accessories.

4 lbs sh. #ROLL-50, Unused, \$10.00 each; 2 for \$15.

ANTENNA ROLL BAGS f/ MS-116 etc mast sections,
 #CW-206-U, Used, \$7.; #CW-206-UN, Unused, \$15.

6' Strap 1.5" wide with spring clip. #S-6, Unused, \$5



Cargo Sling-Heavy Duty Tow Straps. This item is a 15,000 pound cargo sling and consists of four sections, each is constructed of four 15 feet seatbelt type OD nylon straps

which are looped on one end with an 76 inch chain and catch arrangement on the other. The loop ends are all joined together by a large loop of webbing. This loop can be removed to separate the four individual straps for use as tow straps or whatever.
 #CS15K-SLING, 105 lbs sh. Unused, \$69.50

Single strap from above w/ chain and catch,
 #CS-STRAP, 25 lbs sh. \$25.00

Military Speakers / Amps

4" Speaker, ruggedized 8 ohm 2w perm. magnet type; 300-7khz resp. p/o of LS-166; 3 lbs.
 #LS-445, Used \$7.95

AM-6747/V Amplified Speaker for monitoring audio of R-442, RT-246/ 524 radios from remote location. Connection for H-189 or H-250 handset to allow remote keying of transmitter. Requires 28 VDC; can be modified for 12 VDC. Similar to AM4979; 5.6x5x3 + 2" top bolt; 6 lbs. #AM-6747, Unused, \$35.00

AM-4979/GRC, similar to AM-6747 except has 6 ft cord with U-229 plug. #AM-4979, Used-Checked, \$30

AM-4949/U Amplifier, a microphone amp in vehicle intercom systems using VRC-12 radios. Usable with M-80 mic, H-189/250 handsets, H-161 headsets or similar. Two connections for U-229 plug, Volume, ON-OFF, and power light. Requires 28 VDC; 4.5x4.5x3, 5 lb. #AM-4949, Used, \$22.50

Terminal Panel

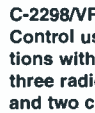
Military Terminal Panel with ten heavy duty push terminals with insulation and 5 pin military audio connector U-183/U that mates with the U-229 as used on many military radios. Also has 4 pin male power connector MW20M(M)A00 M55181/2-01. The two connectors have rubber protective covers to resist moisture and dirt. 1.9x6.6x4, 3 lbs.
 #TP-10, Removed from unused equipment. \$14.95



Control Boxes



C-375 Control box for radio sets GRC-3-8 or VRC-8-10. Unit is a remote junction point and switching unit for the control and audio lines to two sets. 3.2 x 6.8 x 7, 6lb, #C-375, Unused, \$22.00



C-2298/VRC Intercommunications Control used in RT-524/VRC installations with AM-1780 amp; monitors three radios A-B-C. Volume control and two connections for U-229, 5.8x4.5x3.3, 4 lbs. #C-2298-U, Used, \$22.00
 #C-2298-UN, Unused \$45.00

C-2999 Control Box for the VRC-12 (RT-246 or RT-524) radio system.
 #C-2299, Unused with used knobs, \$35.00



VRC Control Box - similar to C-2298. 3.5x6x4.5, 5 lbs. #C-10456, Used, \$35.00

C-2742 VRC Remote Control Box works with the RT-246. 3.3x6x4, 4 lbs. #C-2742, Used, \$25.00

LOCAL CONTROL p/o GRA-6, #C-434, Used, \$24.00
 CONTROL for duplex GRC-3-8; #C-435, Used, \$15.



C-87/ART-13 Control Box for ART-13 transmitter. Has 11-position CHANNEL selector, OFF-VOICE-CW-MCW select, PTT button and IC jack. 3.5x6.3 x3.3, 3 lbs. #C-87, UNUSED, \$20.00

SB-327/ARC CHANNEL SELECTOR 24-51.9 MHz FM in 100 KHz steps on 3-digit counter; used with RT-294/ARC-44 Tx-Rx. 3x5.8 x4.5, 3 lbs sh. #SB-327, used, \$30.00

SWITCH BOX, #SA-474, \$10.00



BC-366 JACK BOX, switch "Comp-Laison-Command-Inter-Call", Increase Output pot, 2 phone jacks. 3.3x4.8x3, 2 lb, #BC-366, Used, \$7.95

RM-52 REMOTE CONTROL for radio and intercom set. Has transformer, mic & phone jacks. Source for "Macy's Phone Patch" project. 7.3x3.5x5, 5 lbs. #RM-52, Used, \$4.00



BC-1361 SWITCH BOX, p/o RC-298 interphone kit for SCR-528/628 radios in Sherman tanks. With Call light, Field-phone terminals, On-Off & Signal switches; 6.8x5.4x2, 4 lbs sh. #BC-1361, Unused, \$8.00

BC-631 JACK BOX remote audio control for SCR-522; 4x2.5 x2.4, 2#. #BC-631, New, \$5.00

GRA-39 Control

C-2329 Local Control from the GRA-39 control group. Has a mic amplifier gain of 55 db and a microphone preamplifier output of 5 mw. 8.8x8.9x4, 12 lbs sh. #C-2329, Used, \$34.95

Handset, #H-250, used checked, \$18.00

GRA-39 Manual Repro, #MM-GRA-39, \$15.00

Radio Mounts



MT-1029/VRC Vehicular Mount for RT-246 & RT-524/VRC -12 transceivers. 5x12.5x16, 19 lbs.
 #MT-1029-U, Used, \$29.50;
 #MT-1029-GR, Gov't-Recond., \$45

MT-1898/VRC Mount for companion R-442 receiver 5x6x12.3, 15 lbs.
 #MT-1898-U, Used, \$25; #MT-1898-GR, Recond., \$32

ARC-164 MOUNT, retrofit ARC-164 into ARC-34 mount. Rear rack connector & front plug for ARC-164. 5x13.8x11, 11 lbs. #MT-6147, Used, \$25.00

MT-298 Shock Mount holding two RT-66-67-68 and the PP-109-112. #MT-298, Unused, \$65.00

MT-300 Mount serves as support for the RT-70/AM-65 radio system and as a junction box for interconnecting the RT-70 and interphone amp with control box C-375 (page 9). Also, inter-connects the vehicular power source and the power supply within the amp. 13x8.3x3.1, 13 lbs. #MT-300, Used, \$85.00

Carrier Monitor



Unit is used for remote check of xmitter operation. Good parts including 600 VDC 35 ma transformer; tubes 0A2, 6AL5, 6J6, 6X4; 600:600 ohm AF xformer, DPDT & SPST toggle switches two 49 pf trimmer caps, etc. LESS 3 pf 15 KV vacuum caps 6x8.5x6.3, 12 lbs. #CAR-MON-87, unused, \$7.00
 As above but w/ vacuum caps, #CAR-MON/VC, \$15

BC-620 / 659 Accessories

ALIGNMENT ADAPTER for BC-659 transceiver; allows changing of crystals and alignment of the set without the use of an external meter. Mounts inside the BC-659. 2 lbs sh. #M-399 \$5.00

Adapter f/ BC-620, #M-394, \$5.00

ALIGNMENT TOOLS for BC-620/659:
 #TL-150 or #TL-207, \$5.00

20" TUNE SPLINE, #MC124, \$10.00
 RIGHT ANGLE, #MC-136, \$4.50
 T adapter for MC-124, #MC-203, \$7.50
 MC-127 Spin Tuning Knob for spline ARN-6 & BC-229, #MC-127, \$7.50

Military Intercom

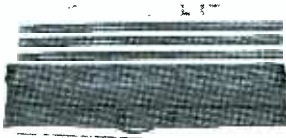
AN/MIQ-1(V)3 INTERCOM and/or Radio Remote Control Panel. Part of mobile or field communications control system. Appears to be a recent issue. Has 14 lighted push buttons to select designated inputs and outputs. Front panel mounted headset connectors which accept U-77 plugs. Has three multi-pin Bendix type connections mounted on the side. One 10 pin female, one 15 pin female, and one 32 pin male. 10.8x10.9x3.8, 17 lbs. #MIQ-1, Used, \$39.95

Terminal Set Control

C-7827/VCC Terminal Set Control allows switching for simplex, single channel duplex, or multichannel duplex of VCC or MRC-110/PRC-25/77. 4.7x10.5x2.7, 8 lbs sh. #C-7827, Used, \$35.00

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Mast Kits



12 foot Military Mast Kit. Comes with: three 47" long x 1 3/8" fiberglass mast sections, one 8" top mast section

which holds two horizontal aerial antennas and also has 16 feet of RG-58 coax with a male BNC connection at the

end, two 28" antenna elements that thread to the top section, one guy ring with guy rope, three 9" stainless steel stakes, one 27" long mast base which mounts directly into the ground, and O.D. green carrying bag with handle. There is no indication of a model number on the assembly. Excellent for field day or other portable antenna use. 12 lbs sh. #MK-12, \$59.50 each; 2 for \$99.50

30 Foot Mast Kit. Consists of twelve AB-35 33" long aluminum mast sections, one AB-154 mast base, three MX-383 guy ropes, three MX-381 guy ropes, two guy rings, three guy stakes, and a heavy duty nylon carrying bag. 32 lbs sh. All items listed above are used with the exception of the bag and mast sections. #ANT-KIT-30, \$145.00

HEAVY DUTY NYLON BAG, ideal for mast kits along with MANY other applications! High quality Cordura Nylon is coated for water repellency, rot and is mildew resistant. Bag has 1 1/2" web handles that wraps around bag for added strength. Two zipper sleeves for easy opening. Overall size: 44" long x 9" deep x 7" tall. 3 lbs sh. Comes in OD Green.



#BG-1244, New, \$39.50 each; 3 / \$99.50

Mount Brackets



BRACKET for mounting 2" dia antenna bases like AB-15 to vehicles or other flat surfaces. Mount plate 6.3"W x 4"H; base hole center extends 3.9" from plate. 4 lbs. #SM-B114371, Unused, \$10.00

Mount bracket accepts 2" diameter antenna bases such as the AB-15 or MP-65. Mounts to flat surfaces. 4.3x6.5x3.1, 4 lb sh. #AB-450, \$5.00



Angle Bracket for attaching MP-50 or similar mount bracket to corner of vehicle. Bolts for MP-50 and drilled for side mount; 5 lbs sh. #SCC-28591, Unused, \$9.95

Guy Ropes

CP-12-13 COUNTERPOISE heavy rubber-covered wire spreads to form 15 ft dia radial network for ground plane antenna; used with MS-116-117-118 mast sections; 4 lb #CP-12-13, Used, \$12.00



GUY ROPE SET, 3x20' lengths, #GY-12/42, Used, \$37 ROPE, 80', #M378, \$6.00; 10', #M379, \$1.50

GRA-4 GUY ROPE, 3/16" nylon 800 lbs-test; w/ hooks & insulators, Used, 40 ft, #MX-381, \$4.00 31 ft, #MX-382, \$3.00 50 ft, #MX-383, \$5.00

Mast Sections

3-FOOT MAST SECTIONS (left), WW-2 & Korean War vintage: painted copper-coated steel.

Sequentially screw into the other; 3/16" dia MS-49 top section the smallest. Self-supports to 15 ft; MS-53 can fit into another MS-53; 1 lb sh. May have surface rust; We no longer have the MS-51 which is necessary. Select from MS-49-50-52-53, #MS-(specify #), used \$3.00 ea

MS-116-117-118 MAST SECTIONS, each 39.3"L. MS-116 is stackable bottom section, MS-117 middle and MS-118 tapered top; fit AB-15, AB-652, MP-65 & UG-558 bases. 1 lb ea. Used, \$3.50 ea; Unused \$5.50 ea. #MS-(specify #)-(used="U" unused="UN")

AB-21-22-24-Mast Sections, similar to MS-116-117-118 except 27" length each. AB-21 is bottom & stackable section; 1 lb each. #AB-(specify #), used, \$3.25 ea

PRC-41 Mast Assembly



AB-777 Adjustable Mast Assembly from the PRC-41 radio system. Mast assembly holds the AS-1405 omni directional antenna. AB-777 is 28 1/4" long closed and 78 1/4" fully extended. 1 1/2" dia. 6 lbs. #AB-777-U, Used, \$27.95; #AB-777-UN, Unused, \$39.95

Mast Bases

AB-154/RC-292 Swivel Base with Base Plate. Used with AB-85 and MS-44. This assembly consists of a yoke and clevis pin. The lower mast section is placed over this tubular section. The yoke and clevis pin allows the mast assembly to be lowered to the ground by pivoting about the stake. The base plate has three cleats for fastening the guy ropes. 5.5 x 6 x 17, 3 lbs sh. #AB-154-PL, Used, \$12.95



AB-15 MAST BASE for MS-116-117-118 or AB-21-22-23-24 masts; rubber flex spring with 3.3"Lx3" dia ceramic insulator & bottom terminal. Mounts in 2" dia hole. O/a 15"L, 3 lbs sh. Used with small chips in the ceramic insulator, #AB-15-U, \$8.00 As above but used good condition, #AB-15-UG, \$15 Unused, #AB-15-UN, \$30.00

UG-558 BASE for MS-116-117-118; mounts to SC-D-189023. 16"Hx6"D; SO-239 conn. #UG-558, Used, \$15.00



MP-68 MAST BASE, makes ground plane antenna when used with combinations of AB-21-24 or MS-116-118 whip masts installed as three radiating elements plus one vertical. Has center 3" dia ceramic feed-thru insulator with UHF connection and sockets for elements. Clamp on bottom allows installation on top of 1.6" dia masts like AB-35 (RC-292) or MS-44 (AB-155). 13"Hx5"Wx5"D, 5 lbs. #MP-68, Used, \$29.95

IN-127 ANTENNA BASE holds three MS-116 and one each MS-117-118 for RT-77/GRC-9; 14.5"L black plastic. 2#. #IN-127, Used, \$15.00

Loop Antenna

MLA-1/E Loop Antenna covering 1.8 - 14.5MHz. Has a female type TNC, female type N, and 3 pin female cannon connection on the base. Overall loop width is 13.1". Loop diameter is 15/16". Mfg by Antenna Research Association. 9 lbs sh. #MLA-1, Used, \$59.50



AS-1729 Parts

#MX-6707 Base. Used, \$65.00 Upper Mast. 64" long, 4 lbs. #AT-1095, Used, \$15.00 Lower Mast. #AS-1730, Used, \$18.00

TIE-DOWN KIT for AS-1729 including tie-down rope and plastic cap for AT-1095, #AS-1729-TD, New, \$8.00

Manual for AS-1729, part. repro, #MM-AS-1729, \$8.50

Mast Spring only for MX-6707; 4 lbs. #AS-1729-MS, Used, \$10.00

MOUNTINGS for MX-6707 p/o AS-1729, USED: #SCD-189023 f/ base. used, \$10.00; unused, \$20.00 #SCD-446058 corner. used, \$10.00; unused. \$20.00 EXTENDER for SCD-446058. #445058-EX-U, used, \$6; #445058-EX-UN, unused, \$10

PRC-Type Antennas

AT-272A RIBBON ANTENNA & AT-272 FLEX-BASE SET for PRC-8-9-10; 2 lbs sh. #AT-272, Unused, \$15.

SHORT FLEX BASE only f/ AT-272A, #272-BO, used, \$3 RIBBON only for AT-272A, used, #272-RO, \$8.00

RUBBER BASE f/AT-271 (PRC-8-9-10) #AB-129, \$4.00

RUBBER BASE f/AT-271 (PRC-25-77) #AB-591, \$12.00

ANTENNA FOR PRC-68B, #AT-20, Used, \$20.00

37.5" Ribbon Antenna for PRC-126 and PRC-128 but not PRC-68. 2 lbs. #37695721153-3, Unused, \$12.00

RIBBON ANTENNA f/ PRC-6 radio, #PRC-6-RA, Used, \$8

M-422 ADAPTER for using MS-116/AB-23 masts with PRC & BC-1000 as long antenna, #M-422, \$4.00

WHIP f/ Canadian CPRC-26, #AT-5001, used, \$8.00

Long Wire Antenna

AS-1321/PRC-47 LONG WIRE ANTENNA 45 ft vinyl-covered with insulators at 15" and 25"; clips at insulators adjust length. Designed for use with 150 W HF transceiver; 4 lbs. #AS-1321, Used, \$16.00

AN-22A Long-Wire, 20 ft W-29 wire with snap hooks; p/o SCR-177/188 (BC-191). 2 lbs. #AN-22, \$4.95

RC-432/G Long-Wire Antenna Set, 160' of 0.09" diameter braided wire on reel; terminations on each end permits other RC-432's to connect and increase length. Used with 400W HF Tx; 12.5x4.3x2, 5 lbs. #RC-432, Used, \$17.00

RC-432/G Reel Only. #RC432-RO, Unused, \$8.95

Loop Antenna

AT-784/PRC DIRECTION FINDER LOOP ANTENNA for use with PRC-25 -77; covers 30-76 MHz in five bands. Controls FINE TUNE 0-10 MHz in 1 MHz steps and ATTENUATOR 0-40 DB in 10 db steps. Includes AT-1082 loop with whip, CG-2840 & -3344 cables in CW-445 canvas bag. Collapsed size 8x6x3.5, 5 lbs. #AT-784, Used, \$34.00

AS-2360 Loop Antenna .53 Mhz to 10 Mhz, useable to 20.5 Mhz. Impedance 50 ohms, Null depth 25 db, bearing error less than 2 degrees. Originally part of TRQ-23 radio receiving set. The base of the loop contains a loop cathode follower with varactor diode for tuning, two rf amplifiers, and an output cathode follower using 4/6612 tubes which require 36 v B+, 1.1v filament. Tuning voltage 0-102 vdc, gain voltage 0-37 vdc, sense relay 24 vdc. Comes with canvas bag. 6.4x26.2x61.8, 30 lbs sh. #AS-2360, Used, \$225.00

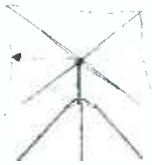
TRQ-23 Op's Manual & Schematics repro, #OM-TRQ-23, \$20.00



CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

AS-2236 Log Periodic

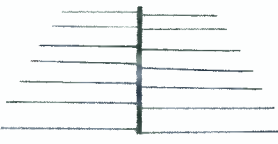


AS-2236/GRC ANTENNA SET, light-weight with minimal guying makes this 30 to 76 MHz low-power log-periodic antenna excellent for field day! Rated 65 Watt with VSWR 3:1, 50 ohm impedance. Array mounts on 35 foot mast and unfolds to 10 ft square.

Includes antenna, seven 44.5"Lx2.75" dia aluminum mast sections, 44.5"L x 2.75" dia fiberglass section, pivot for horizontal or vertical polarization, folding tripod (10.5 ft square) with foot pads, six stakes, three screw anchors, guys, ropes, and set-up info. Array may have repairable wire "breaks"; 100 lbs shipping. (UPS in 2 pkgs.) #AS-2236, Used, \$125.00 ABOVE with "NEW" array: #AS2236-DM, \$155.00 Array only. #AS-2236-AO, Unused, \$45.00

AS-2851 Log Periodic

AS-2851/TR PORTABLE LOG PERIODIC ANTENNA/20 FT MAST KIT. Mast kit has 4 metal and 2 fiberglass sections to make 20 FT mast. With guy rope and swivel base. Log periodic antenna has 71 inch boom, shortest element is 34 inches, longest is 98 inches. Probably 26 to 177 Mhz - no specific data. 38 lbs sh. #AS-2851, Used \$145.00



AS-2851/TR PORTABLE LOG PERIODIC ANTENNA/20 FT MAST KIT. Mast kit has 4 metal and 2 fiberglass sections to make 20 FT mast. With guy rope and swivel base. Log periodic antenna has 71 inch boom, shortest element is 34 inches, longest is 98 inches. Probably 26 to 177 Mhz - no specific data. 38 lbs sh. #AS-2851, Used \$145.00

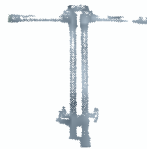
HF Antenna System



AS-2482/TSC-60 HF RECEIVE ONLY ORTHONONAL ANTENNA SYSTEM consists of two crossed sloping dipoles 90 degrees apart with a pair of baluns at the top of the mast. Four 62 inch long mast sections 2.75" dia for 18 ft mast. Includes mast, junction box, 2/24 ft RG-213 cable, 4 stainless stakes and 4 chromed stakes. Accessories in case 31x22x8 shipping two packages 70/50 lbs. #AS-2482, unused \$325.00

UHF Dipole Antenna

AT-413/TRC DIPOLE ANTENNA for 225-400 MHz, originally part of large array. T-top elements extendable 3" each end to adjust reception; 20" max T-width. Mount flange moves to adjust height. Type C connection on bottom. O/a 15.5"H, 12 lb #AT-413, Unused, \$16.00



Phantom Antenna



A-62 PHANTOM ANTENNA, electrical network used in place of antenna to tune BC-604 20-28 MHz xmitter. Adjust INCREASE and MAX-MIN; ANT & GND terminals. 7"Hx4" diameter. 4 lbs shipping. #A-62, Used, \$19.95

Blade Antenna

UHF/XPONDER AIRCRAFT BLADE ANTENNA for 800 to 900 MHz range. Type N connection; 5.8x6x2.2, 2 lbs #C1320-25-2, UNUSED, \$22.00; 2 for \$30

PRICE REDUCED

PRICE REDUCED

AS-2485/ARC-114 BLADE ANTENNA used with 30-76 MHz ARC-114 radio set; BNC connection. 24"H x 42"L, 15 lbs sh.

#5985-168-8383, Unused, \$50.00; 2 for \$75.00

Spiral Antenna



Spiral Elnit Antenna 4 to 18GHz. Left hand spiral. Has a female TNC connector. 6" long x 1 7/8" diameter. 1 lb sh #23473, Unused, \$20.00

Rams-Horn Antenna

AS-580A/ARN-30 Rams-Horn Antenna with two dipoles. The forward dipole is used as a glide-slope antenna while the rear dipole is used as a VOR and localizer antenna. Each antenna is terminated with a BNC connection located on the base. Antenna originally used with the ARN-30D aircraft radio that covers 108 to 126.9MHz. Overall 23.8"Dx17.3"Wx11"H, 6 lbs sh. #AS-580, Used with some cracks in the plastic, \$35.00



LF-DF Antenna



AT-780/ARN-59 DIRECTION FINDER ANTENNA, 190 - 1750 KHz. Has ferrite loop, 26 V 400 Hz motor & Tx selsyn for drive direction. Operates in circuit on 26 V 100 Hz. W/ 14 error compensator screws, 0-360 scale visible under glass dome & schematic. 3.8x6.5x6.5, 8 lbs. #AT-780, Used \$32.00 #NG-AT780, above no glass, \$22.00

AS-313/ARN-6 DF ANTENNA, similar in function to above, but earlier design; 10x11x5, 18 lbs sh. #AS-313, Used, \$30.00



Hy-Gain Antenna



HY-GAIN MOBILE-COM ANTENNAS, new: 760-SERIES, include 52" whip, 2.5"H spring base, 18" RG-58 coax cable, PL-259 connector & UG-175 reducer; 5 lbs sh. unused, \$9.95 ea: #761 (30-33MHz) #767 (33-36 MHz)

KATHREIN WHIP, 64-470 MHz; cut 4 foot length; 1-hole mount, 15" RG-58 coax. 4 lbs. #K50-54-4, \$15. + + + + + TELESCOPING CHROME ANTENNAS, \$2.50 each: #TCA95-380, 9.5"L to 38"L; 6-32 thread mtg screw #TCA84-144, 8.4"L to 14.4"L; 5/32" dia base hole #TCA60-125, 6"L to 12.5"L, 10-24 thrd mtg screw

Guy Tie-Downs

GUY TIE-DOWNS for securing antenna masts, tents or other items. Each has 4" based triangular steel head with 1.5"L x 3/8" dia driving shaft on base. Head has 28"L steel wire with reinforced loop for attaching guy. Tie-down driven into ground by hammering a pipe (not supplied) slipped over the driving shaft; 3 lbs #4-TD-98, NEW, \$4.00 ea; 4 for \$12.00



Grounding Rod

Steel Grounding Rod w/ grounding strap. Rod is 46.4" long x 1/2" diameter. Grounding strap is 28.5" long w/ ring terminal on the end. 5 lb. #ROD-46, \$8.95

HYE-QUE

BUDWIG HYE-QUE antenna insulators & strain connector for long-wire set-ups; full legal power capacity + weather-tight polymer construction. Strain assembly with PL-259 connection for lead-in wire drop. #HQ-CONN, NEW, \$8.50 #HQ-INS-PR, insulator pair, NEW, \$1.99/ pair

Cellular Antenna



Cellular Mobile Antenna by Antenna Specialists with trunk lid mount. 824 to 896 MHz with 3DB gain. Antenna capable of adjusting 25 degrees any direction. Antenna has a female TNC connection. Kit comes with 15 feet of RG-58 cable with a male TNC connection on one end, cord clip, mylar tape, bracket channel, a separate TNC male connector, and allen wrench. Antenna with mount stand around 30". 3 lbs sh. #ASP-917, Unused, \$18.95

Yagi Antenna

7 Element Yagi Antenna by Antenna Specialists Model #ASPJ-2996 covers 928 to 960 MHz.



Antenna can be mounted for vertical or horizontal polarization. Has type N connection. Designed to be mounted to a mast. Comes with mounting hardware. Overall length of around 21". 3 lbs sh. #ASPJ-2996, Unused, \$19.95

Hydrogen Generator



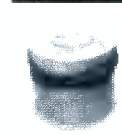
M315B HYDROGEN GENERATOR, used to provide hydrogen for 4' balloon p/o CRT-3 Gibson Girl rescue radio. Has 1200 grs of calcium hydride crystals in long can which, when immersed in water, produces hydrogen gas. (EXTREME CAUTION must be exercised in the performance of this process because hydrogen gas is dangerously flammable and the liquid calcium by-product is very caustic!) Cans are dented; suitable only for recovery of calcium hydride. 11.6"L x 4.3" dia, 4 lbs. #M315B, Unused-dented, \$8.95 ea; 2/\$15.00

Box Kite

Kite is also used for lifting wire antenna; has 15"Wx12"H distress orange plastic poly-vinyl panels on metal frame. Stands overall 36"H x 15" square; sturdy frame can be re-covered with silk or similar light fabric. Some plastic sticks together - includes panel repair kit; 3 lbs sh. #SEB-42ABK, Unused, \$24.00



Antenna Tether Wire



306 FOOT SPOOL of vinyl-covered braided #22-size intended for use with above; usable on the ground as long-wire antenna also. On spool; 3 lbs. sh. #SEB-400X3, unused, \$12.95

Impedance Match

CU-459/AR IMPEDANCE MATCH NETWORK, black plastic bullet-shaped designed to mount to aircraft wing. Holds two AT-624 antenna elements (not available); 50 ohm BNC-conn. P/o AN/ARA-31 24-49 FM MHz homing set; 4.3x3.3. 2# . #CU-459, Unused, \$7.00



KY-149/AR KEYER, couples homing antenna to radio; requires 28 VDC. Has a 28VDC globe 60 RPM gear motor. 2.3x7.7x4.9; 3 lbs

#KY-149-U, Used, \$10; #KY-149-UN, Unused, \$14.95

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Headsets

HS-32 STRAP HEADSET, one 250 ohm R-18 element, with PL-55 plug; for TG-5 keyer. #HS-32, Used, \$8.00



H-16 HEADSET, designed for use in high-noise areas such as tanks, replacing HS-30. 250 ohm elements with matching transformers produce 8000 ohm (series) impedance. Similar to H-65 expect 18" cord PJO-54 plug. #H-16, unused, \$10.00

H-227 HEADSET, with two 300 ohm elements in 4" x 3.5" vinyl cushions, 42" coil cord, and U-77 plug. Used with GRC-3-8, GRC-106 radios. OD-green & black; 2 lbs. #H-227, Used, \$17.95



HS-16A WWII Style Military Headset, olive-drab, cloth covered, with adjustable double steel band. Headphone impedance is 520 ohms nominal. Consists of dual magnetic element with plastic cap and shell earpieces. 54" brown cloth-covered cord w/dual nickel plated pins. #HS-16A, Unused, \$19.95

H-63 HEADSET and BOOM MIC, 600 ohm receive and 100 ohm M51 mic elements; with JU-055 and 3-pin jacks. 3 lbs. #H-63, Unused, \$14.95



H-113 600 OHM HEADSET, similar to CW-49507 except O.D. green color with cushions and PL-54 plug on 18" cord; 3 lbs. sh. #H-113, unused, \$7.95; 2 for \$12.

HS-30 HEADSET 250 ohm impedance light-weight WW-2 era set has cord wired to CD-604 500:4000 ohm matching transformer and PL-54 plug; 3 lbs sh. #HS-30, Used, \$9.95



H-264/PRR-9 EAR-PLUG HEADSET, coil cord & 2 mm dia jack; 300 to 2500 Hz response. #H-264, NEW \$4.00

CTE49214 headphones f/ WW-2 MAB radio; no scull cap, #CTE49214, \$7.50

VRC-12 HEADSETS



H-251 HEADSET w/ vinyl cushions, 24" coil cord and U-182 plug; black color. #H-251-U, Used, \$12. #H-251-UN, Unused, \$18

H-161E HEADSET with 300 ohm boom mic, push-to-talk switch, & CX-8652 Y-coil cord; vinyl cushions. Black. #H-161E, Unused, \$59.50



H-195 HEADSET & BOOM MIC, rubber-covered single 300 ohm phone element, 40 ohm mic & push-to-talk switch. Similar to H-144 except has 10 foot cord with PJO-55 & -68 plugs; 4 lbs sh. #H-195, Unused, \$25.00



WIRELESS HANDS-FREE HEADSET for two-way FM radio communications in high noise environments. Uses throat mic and ear cushions with EPA noise-reduction rating of 23 DB. Operates on 49.86 Mhz; controls for Volume & Squelch, Velcro adjustable head web and mic straps, 6" antenna and fiberglass case. Requires two 9 V batteries; 6 lbs. #7800H, NEW, \$74.50



Plantronics Headsets

Starset Supra Amplified Operators Headset with voice tube by AT&T. Cushioned earpiece with adjustable headband. Comes with clothing clip and plug amp. Brown color. Unused in the original packaging. 2 lbs sh. #KS22990-L1, \$29.50



STARSET OPERATOR'S HEADSET, ultra-light set fits over the ear with flexible voice tube. Has push-to-talk switch on 4 ft coil cord w/ dual 1/4" dia plug. Includes spare ear tips, glasses clip & pouch; black color. #HS0110-2E, New, \$34.50



Plantronics Starset HS0309-1 Operators headset that fits over the ear with six earpieces of various sizes. Has dual connector with 1/4 inch plugs (similar to PL-55) for connection to system. #HS0309-1, Unused, \$30.00



Microphones



600 ohm Uni-Directional Dynamic Microphone. Frequency response: 50-15,000Hz. Effective output Level: -54dB. 8.5" cord with a gold plated two way plug for 3.5mm or 1/4" phone plug. With on/off slide switch. Mfg by Merry #DM-35. Unused, \$6.50 ea; 2/\$10.00

Handheld Dynamic Power Microphone. Impedance of 1.2K ohm. Frequency response of 300-6KHz. Coiled cord with a 4 pin female connector. Marked TransVideo but made by Merry #DMC-510, Unused, \$15 each; 2/\$25

CB microphone made by Merry #DMC-523 but marked Stoner. Looks like standard hand mic with coiled cord which stretches to 36 inches. Has 4 pin connector. No further information. #DMC-523, Unused \$8. each; 2/\$15.00

500 ohm Omnidirectional Dynamic Desk Top Microphone. Has Off/Lock slide switch and push-to-talk switch. Frequency response: 200Hz-5KHz. Sensitivity: -76 +/- 4DB at 1KHz Re 1V/ubar. Coiled cord with no connector on the end. Mfg by Merry #DMC-521, Unused, \$17.95

As above except it has a Monitor switch instead of Off/Lock switch. Coiled cord with a 4 pin female connector. #DMC-529. Unused, \$12.95

GENERAL ELECTRIC MIC from highway patrol vehicles; PTT switch has "C" & "S" positions. Also has amplifier circuit & coil cord w/ DB-9 connector; 2 lbs. sh. Used, #GE-CS-MIC, \$8.00

GM DELCO MIC for mobile communications; black w/ PTT switch, coil cord & 5-pin male connector. #GM-DEL-MIC, new \$7.00

T-45 MIC Carbon type 100 ohm 50 db below 1 mv, flat response with PL-291 two contact male plug, 11" cord. #T-45, UNUSED, \$3.00

Headbands

Hard to find HB-7 Headband for the famous HS-23 and HS-33 headsets. Less connector. 2 lbs sh. #HB-7, Used good condition, \$45.00

Old Military Black Leather Headband. Holds a 1 3/4" receive element. 2 lbs sh. #BLK-BAND, Unused fair condition, \$12.00 Headband by Murdock f/ R-14, #HB-5, \$14

LIP MIC for CW49507 or H-62 headset; 100 ohm, #CW-51071, \$4.00

#T-30, WWII Throat Mic, Unused, \$18

#M-29B MIC with U-77 plug; for T-195 T-368, etc. USED \$12.00

#M-52 MIC with 5 foot cord & PL-68 plug. UNUSED, \$8.00

#M-80C MIC, unused, \$14

Low-impedance omni-directional for public address use; 150 to 4000 Hz response. Swivel mount; 5/8" dia 27 threads/ inch. Cannon XL-3-11SC connector; 2 lbs sh. Used: #M-43-EV, Electro-Voice, \$8.95

#M-43-UL, University Loud-speaker mfg. \$12.00

#CX-3094 MIC CORD with mating connector for above; 3106-14S-7P 3-pin male on other end. 25 ft Used, \$7.50

TRIPOD MIC STAND for above. #MT-596, Used, \$10 ea; 2 for \$16

WW-2 CHEST SETS Unused. #H-12, \$7; #T-26A, \$7; #T-46/TD3, \$7

RS-83 Mask type Aircraft Microphone by Telephonics. Mic is Hi-Z (100K ohm) and has a 16.5" cord with a 33" extension cable that has a push to talk switch. #RS-83, Unused, \$12.95

Handsets

H-250 HANDSET w/ push-to-talk button, coil cord & U-229 plug. #H-250, Used Checked, \$18.00 #H-350, Used Checked, \$35.00

H-33/PT HANDSET for GRC-3-8, PRC-10; w/U77 plug. #H-33, Used Checked, \$17.50

TS-9' HANDSET, p/o EE-8 field phone; 2 lbs. #TS-9, Used, \$14.95

H-90 HANDSET, like TS-9 but w/ U-77 plug; #H-90, \$12.00

Handset f/ BC-1000, #H-23 (or =), \$35

Beige Standard Handset newer style mfg by ITT, #BEIGE-H, Unused, \$3.25

JEN-20 HANDSET w/ AMPLIFIED receiver for hearing impaired; black or beige. #JEN-20, NEW, \$15.00

Western Electric Handset with 1903 patent date; black painted brass handset with PTT-switch appears to be same as TS-7 handset used with pre-World War-2 EE-5 field phone. 3-wire cloth cord. 4 lb. #D14842, used, \$45.00

EMAIL US YOUR INQUIRIES AT FAIRADIO@WCOIL.COM

Accessories



GSA-6 CHEST GROUP SA-142 PPT-switch & CX-1077 cable w/ U-77 plug connect H-63 headset to GRC radios. #GSA-6, Used, \$6

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ADAPTER, 1/4" phone plug going to 2 pin jacks. #14-PJ, Used, \$2.50



MC-385D Headset Adapter, High to low impedance with PL-55 plug to a JK-34 jack. Used with HS-33 or HS-38 headsets. Works between jack box and CD-307 cord. 1 lb. #MC-385D, Unused, \$3.95

PHONE PLUGS, #PL-354 red. used, \$4.00

#PL-55 on 30" cord. used, \$2.00

PL-68 (or =) Mic plug. #PL-68-U, \$4; #PL-68-UN, \$8

DOUBLE PLUGS, unused:

#D178542 (WE289) for headsets, etc. \$3.00

#2PPC f/ switchboards, \$3.00

#JK-33 PHONE JACK to fit PL-68 plug. Used, 2/\$1.00

#JK-34 PHONE JACK to fit PL-55 plug. Used, 2/\$1.00

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MIC ELEMENTS, checked: #F-1 for TS-9, \$4.00

#M-51 for H-63, M-29, \$4.00; #M-235 for H-33, \$5.00

#TA-117 for H-60 (TA312), \$5.00;

WE #D173011 sound-power mic for TS-10; brass. \$10

RECEIVE ELEMENTS, checked:

#1227 (or =) for H-33 receive, \$5 ea;

TS-9 receive element, CALL

#TA-235 for H-60 (TA312), \$5.00

#R-30 receive element for HS-30, \$1.00

Headset Cords & Cushions



CD-604 CORD with impedance matching transformer 500 ohm to 4000 ohm; 6" cord & PL-54 plug. P/o HS-30 headset. #CD-604, Used, \$1.50

CD-318 Cord w/ Push-to-Talk Switch w/ lock; has 7" cable w/ PL-68 plug and JK-26 jack. Use with T-30 throat or T-45 lip mics; less strap. 2 lbs sh. #CD-318, Used, \$14.00



CD-307 Extension Cord for headsets with PL-54 plugs like CW49507, H-16, H-113, HS-23/-33; 65" cord has JK-26 jack & PL-55 plug;

#CD-307-U, Used, \$4.00; #CD-307-UN, Unused, \$7.50

MICROPHONE EXTENSION CORD with PL-68 plug.

#CW-49561, Unused, \$15.00

CORD with PL-55 one end, PL-68 on other; 12 feet long 2 lbs sh. #CX-2481, Unused, \$9.95

MIC COIL CORD, 1-shielded, 2- wire not; stretches 30"-42". #SH-CC3042, NEW, \$2.50

"EXTRA-STRETCH" PHONE COIL CORD 4 ft to 25 ft extension w/ modular jacks; tan. #T425-MOD, New, \$3

SWITCHBOARD CORDS

#PL68-68, black cloth covered cord with early style phenolic PL-68 plugs on each end; 68"L. \$7.50

#G2-SWB-72, grey cloth-covered cord with double 310 plug on each end; 72"L, 2 lbs. \$6.50

#R2-SWB-72, as above except red, \$6.50

#500286-102, red with black cloth covered cord with double 310 plugs on each end; 25"L. \$10.

#500286-104, same as above except 50"L. \$12.00

#WE-338A, dirty light brown dual cloth covered cord w/ double 310 plugs on each end; 17"L. \$8.

#310-56, grey cloth covered cord with 310 plug on each end; 56"L. \$8.00

"Y" CORD

#CD-620F, molded 16"L legs & 6" cord with 2 lugs each end; for HS-30 headset. \$2.00

+++++

Headset Cushions

#M-301 4" Chamois cushions for HS-23 or HS-33, \$8 pr

#M-300 Inserts for HS-30, Unused, \$2.95 pr

Sound Power Phones



TA-1/PT TELEPHONE, sound-powered unit requires 2-conductor field phone wire connected to another TA-1 for communication without batteries. Palm-operated generator provides approx 100 V to "buzz" - signal another phone; also visual indicator. Has coil cord with push terminals for wire hook-up and plastic carrying case. 8.5x3.5x3.5, 4 lbs shipping. #TA-1, Used Checked, \$35.00 ea. 2 for \$60.00

TA-312 Field Phone

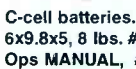
TA-312 FIELD TELEPHONE rugged light-weight unit replaces famous EE-8 field phone and is usable with them. Includes G-42 crank generator, BZ3 clacker call signaler, H-60 handset, and canvas carrying bag w/ strap. Requires 2 D-cell batteries (not supplied.) 12x7x4, 12 lbs. #TA-312, USED-CHECKED, \$75 MANUAL for TA-312, partial repro, #MM-TA-312, \$8.50



TA-838 Field Phone



TA-838/PT MILITARY FIELD TELEPHONE has push-button numeric tone pad and is designed for 2- or 4-wire communications; replaces old EE-8 and TA-43/312 field phones. Ringing signal audible only in 4-wire hook-up. TA-838 also operates over standard telephone lines but won't ring. Rugged thermoplastic construction; requires four C-cell batteries. Handset cord has poor insulation. 6x9.8x5, 8 lbs. #TA-838, Used Checked, \$69.50; Ops MANUAL, #MM-TA-838, \$10.00



C-cell batteries. Handset cord has poor insulation. 6x9.8x5, 8 lbs. #TA-838, Used Checked, \$69.50; Ops MANUAL, #MM-TA-838, \$10.00

TA-341 Phone

TA-341/TT TELEPHONE SET push-button 4-wire unit for use with tactical switches using four C-cell batteries; usable in conventional point-to-point telephone line (plug may need changed) Range >3.2 km. Signal out 900-3400 Hz digital tone; 90 V 20 Hz signal in. W/case; 4.5x10.5x10.5, 10 lbs. shipping. #TA-341, Used, \$19.95



TA-954 Phone



TA-954/TT NON-SECURE DIGITAL VOICE TERMINAL used in Tri-Tac comm-system; 4-wire set xmits and receives diphas-modulated digital voice & loop signaling info at 16K or 32K bits. 125 ohm line impedance 125 ohms; range 4 km using WF-16 field wire (no stock). Requires 24-56 VDC. Tone pad characters 0-9, FO-F-I-P-R-O-C; also Volume L-H Ring - Receive & H-350 handset. Plastic case EMI/ EMC static protected. 7.3x4.5x10, 8lb.

#TA-954-U, Used-repairable \$40.00

#TA-954-UN, Unused, \$59.50

Manual Switchboard

SB-993/GT Manual switchboard, designed for quick "connect / disconnect" of up to six battery or sound-powered field phones (such as EE-8, TA-1, TA-43/312) plus and operator unit. Consists of seven U-184/G terminal plug-jacks that plug into "stack" onto rear of another U-184. Active lines make neon lamp in U-184 "glow". Also includes MT-2156/GT metal case; 1.3 x 12 x 3, 6 lbs sh. #SB-993, Unused, \$24.95



Crystal Oscillator



TRANSISTORIZED CRYSTAL OSCILLATOR and BUFFER, 56 to 99 Mhz with 75 °C temperature controlled oven. Requires 5th overtone HC-6 (20 pf) crystal (not supplied).

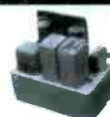
Has external oscillator input plus tuning meter & oven output. Requires 12-18 VDC regulated for oscillator; 22-39 VDC 1 amp for heater. W/BNC and SMA RF connections; DEC-9P plug for power. Part of GRT-21/22 xmitters. 6.5x2x3.3, 3 lb #OSC-8004290G1, used with schematic \$9.95

Collins HF Oscillator

ARC-38 Series Stabilized Master Oscillator Assembly, an aircraft HF transceiver. Utilizes series-fed electron-coupled oscillator, a more stable variation of Hartley-type. Step-adjusted inductor covers 14000 positions to tune osc- frequency 1.75 - 3.5 Mhz in 125 Hz steps. Has Collins SMO #70E-22, discriminator #147A-1, 27.5 VDC gear drive and tubes 3/6AK5, 6BA6, 2/6BE6. 6x6.5x10, 15 lbs sh. #HFO-ARC-38, Used, w/ schematic, \$35.00



ART-13 Parts



ART-13 CRYSTAL CALIBRATOR, provides 50 KHz fundamental using 200 KHz crystal. Also 1000 Hz tone for MCW. Tubes 2/12SL7, 12SA7; 6x5x3, 4 lbs #XCAL-ART-13, used, \$20.00

Speech Amplifier for ART-13. #SA-ART-13, Used, \$25

ART-13 PA Plate meter. #PMTR-ART-13, Used, \$20.00

ART-13 Antenna Current meter, no transformer, #AMTR-ART-13, used, \$20.00

Knobs for ART-13

Antenna loading 0-100, 200-100 #KN1-ART-13, \$10.

Antenna tuning coarse Triangles marked 1-13 ccw. #KN2-ART-13, \$7.50

Antenna tuning fine 100-0, #KN3-ART-13, \$10.00

High Frequency tuning Triangles 2 - 18 mhz, #KN4-ART-13, \$7.50

High Frequency tuning fine 0-99 over 360 degrees. #KN5-ART-13, \$10.00

Small indexing dial from High Frequency tuning and also used on some of the plug-ins.

#D-ART-13 Unused, \$4.00

T-bar locking bar for ART-13 tuning knobs.

#T-ART-13, \$4.00

Discriminator

PHASE & LOAD DISCRIMINATOR determines if load is <, >, or = to 52 ohms; also if R, C, or L. 3rd output relative to antenna current; with schematic. 2x3 x3, 2 lbs. #T201/180L, \$9.00



Field Phone Wire



MX-306A Field Telephone Wire Reel, canvased-covered reel of 1/2 mile (2600 feet) WD-1A/TT twin lead black vinyl-covered steel wire. Intended for use with EE-8, TA-43, TA-312 and similar field phones. 10" D x 5"H, 22 lbs sh.

#MX-306A, Unused, \$85.00

As above except WD-1 wire, #MX-306, \$90.00

100 feet of WD-1A wire less spool, #WD-1A-100, \$12

500 feet of WD-1A wire less spool, #WD-1A-500, \$40

PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

Power Amp for 618S-1



POWER AMPLIFIER from 618S-1 2-25 MHz 100 watt transceiver. Has 12.3 uH roller inductor; coil 3 3/4x1 3/4: dia with 27 turns #14 silver-tinned wire rotated by 115 VAC 400 Hz motor. Also ten

Centralab 850 HV capacitors 10 pf, 50 pf, 7/100 pf & 1000 pf. silver contacts on ceramic switch and 3/ 6159 tubes. 11x5x6, 10lbs. #3496-LT, less tubes, \$33. #3496-WT, With tubes. \$42.50

Mating Connectors, 2 required, #MC-3496, \$5.00 ea SCHEMATIC for #3496/618S, #SCH-3496, \$3.00

RF Amp. / Preselector

Harris RF301/GRC-165 2-15 Mhz RF Amplifier/Preselector section contains V1 6DC6, V2 12BY7 which provide tuned grid/tuned plate amplification for the RF receive amplifier and the transmit driver.

Band switch does not have detents. 14 1 mhz bands. 1/IERC 6025 and 1/IERC 5020. Power required 200 VDC, -36 Vdc and 6.3 vac. An excellent basis for QRP set or experimentation. 6.3x6.5x6.7, 5 lbs sh. With schematic and info. #RFA-165, \$19.95; 2 for \$35



5 MHz Standard

FREQUENCY STANDARD MODULE from R-1051* and RT-618* radios; usable as replacement or adapt to other need where standard is required. Crystal oven with 5 MHz crystal provides 5 MHz sinewave output (approx 1.8V) plus possible non-sine outputs

dual 500 KHz, 1 & 10 MHz. Designed stability: 1 part in 10 / day. Requires 18-24 VDC input. 4.4x3x4.5, 2 lbs. use crystal only is checked, other outputs may need repair, #6625-078-4718, \$20.00 w/ schematic

455 KHz BFO

PERMEABILITY-TUNED 455 KHz BFO COIL from R-392 receiver. Originally used with 5-55 pf variable capacitor but fixed cap may be substituted. Oscillation without parallel capacitor: 452-480 KHz. Good basis for BFO for any receiver with 450-465 KHz IF; w/ schematic. 3.3"Lx 1.5" dia, 1 lb. #BFO-T602/R392, USED, \$14.95



RF Exciter



RF EXCITER MODULE from 1980's HF transceiver; mixes 500 KHz USB signal with synthesized frequency

to produce and amplify modulated RF. Synthesizer (not available) supplied 74.5/75.5 (LSB/USB) and 77-105 Mhz depending on desired output frequency; RF output is low level. Requires +5, +12, -12, +28 VDC; with pinout. 1x7.8 x3.3, 2 lbs. #RF-EXC-1512, unused, no info, \$25.

RF-550 Modules

Harris RF-550 HF receiver & RF-131 exciter modules ; 4.1x2.1 x5.9, 2 lbs sh. USED, not tested:

#A2A8/RF550 High Band Phase Lock Loop. \$33.00

#A2A14/RF550 Low Band Phase Lock Loop, \$32.95

SCHEMATIC packets, #SCH-(specify #), \$7.50 ea w/module purchase.



ARC-5 Parts

SCR-274/ARC-5 COMMAND SET replacement parts:

#7277 6-9.1 MC 1st IF, \$5.00
#7279 " " 3rd IF, \$5.00
#5856 " " oscillator \$5.00
#6234 " " RF sect. \$9.00
#7249 5.3-7 MC BC-458/T-21 xmitter PA coil, used \$6
#6032 6-9.1 MC BC-459/T-22 xmitter oscillator coil \$4

RT-524 Front Panel



Front Panel only for RT-524/A radio. #RT-524-FP, Unused, \$25.00

Infrared Device



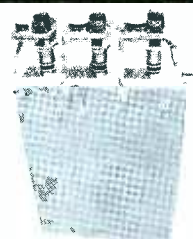
INFRARED RECEIVER/DEMULATOR as used in televisions and VCRs for remote control; has infrared detector and an IC for signal processing. Requires 5 VDC;

0.7x0.6x0.6, 1 lb sh.

#IFRD-TV, Unused, \$1.95 each; 7 for \$10.00

135 MHz Tunable Cavity

118 - 135 Mhz Tunable Cavity. This is a large three section cavity for use in the range 118 to 135 MHz. No specifications available. Those of you who know about cavities could probably modify it for other frequency ranges. This unit has stepper motor and encoder on each section. Bodine Hysync DC Stepping Motor 23X1BEHD Caltech Corp Bit encoder 8 bit Absolute 33X121. No info on circuit to use these motors, but you can manually tune the cavities or design your own control circuits. 8.3x26.5x42.9, 70 lbs sh.



#TC-135, Used excellent condition, \$125.00

900-1100 MHz Cavity



TRANSMITTER TRIPLER / PRESELECTION CAVITY MODULE from TACAN system in 900-1100 MHz range.

Consists of preselector and four silver-plated cavities originally gang-tuned using

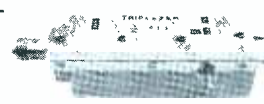
ball-chain drive (not available) 10x7.5x2, 7 lbs sh. #4-CAV-93, used, \$49.50

Triplexer

TRIPLEXER from cellular application by Fuji Electrochemical Co. #EF-T02,

Frequencies are as follows - Transmit:

835MHz, Receive: 880MHz, Lo: 784.36MHz. Has female push-on SMA connections for Transmit, Receive, and Lo and a female TNC connection for Antenna. Cast aluminum housing with a removable cover. o/a 4.3x1.5x0.8, 2 lbs sh. Appears to be unused, #EF-T02, \$4.00



850-895 MHz Modules

Modules from digital air to ground phone system. Receive frequency was approx 850 MHz and transmit 895 MHz. Removed from equipment-Excellent:



DITCOM MICROWAVE DF-2575 CIRCULATOR for 850-895 Mhz; 500 watts CW max, 3 KW peak. Isolation 20 DB min; insertion loss 0.3 db max. VSWR 1.25:1. Two SMA, one N conn; 1.4x1.7x1.3, 1 lb. #DF-2575, \$15.00

FERROCOM 9K15-S CIRCULATOR, 840-900 MHz; T-shape SMA-N-SMA conn. No further info; 1.9x1.9x1. #9K15-S, \$14.95

MILCOM 2-WAY COMBINER for 800 MHz, 2- SMA female & 1- male connections; 1.8x2.8x2, 2 lbs. #240-089, \$19.95

800-900 MHz Modules

MODULES & COMPONENTS from airline phone system operating in the 800 to 900 MHz range:



#IFPC COMMON module has two receiver input and two transmitter output sections. Has parts two each Motorola filter 0850E05140 and 0895E05141,

M/A-COM 7N526-6016 circulator in one section. Also 47.5 MHz local oscillator, 5 MHz piezo osc and IC's N80C169KB 16 MHz CPU, 27C256-20 32Kx8 EPROM, 3/84256-10L 256Kx4 RAM & related IC's. Requires +28, +12, -12 V; 11x6.5x3.2, 7 lbs sh. #IFPC, \$20.00

#IFPC-T/R MODULE, stripline receiver RF/IF and low power xmitter boards plus oscillator/AGC board each in separate cavities. Components S80C652-1 MPU, 2/84256A-10 RAM, 27C256JL EPROM, two Sony 20102A D/A CONV, etc. Requires +12, -12 +5 VDC; 11x6.5x1.5, 5 lb. #IFPC-T/R, \$15.00

#AFF-PS MODULE, powered both above modules; has switching supplies Caltech #24S12 (24 VDC in to 12 VDC 1.7 A out) and #12S5 (12 VDC in to 5 V 400 MA out); two RO Assoc 220-400 VDC input uVERTERS with one 28 VDC 10 A out and other 12 VDC 10 A out; and Vicor DC-DC Converter 250 VDC 35 W in to 5 VDC 25 W out. Also flat heatsinks, capacitors, etc. 11x6.5x3.3, 7 lb. #AFF-PS, \$10.00

Microwave Bricks



Microwave PLL Oscillators, used good condition. Shipping weight is 3 lbs.

CTI #5328-2, 4800-5300MHz, \$59.50

CTI #P13100, 1042.5MHz, \$49.50

KarKar #PLC33-05, 5925-6355MHz, \$59.50

FreqWest #MS-540XELT-147, 6140-6355MHz, \$59.50

CTI #A1419, 12.859-13.385MHz, \$79.50

Wavemeters

p/o AM-1956/ GRC-50 Rx/Tx 1350.5-1849.5 MHz FM oscillators; cal book for tuning CHN #, MAIN TUNE, OUT FREQ, & REC OSC. BNC connections; 3x3x9, 5 lbs sh. #WAVE-1956, Used, \$17.95

1700-2600 MHz WAVEMETER, 20-turn vernier tunes in increments of 1. BNC connections; 1N21 diode output. On 3.5"W bracket; o/a 4.8"Hx2", 2 lbs sh. #SMD-302123, used, \$24.95

Bird Power Monitor

BIRD 4162D RF POWER MONITOR, rated 220-405 MHz 40 W. Measures incident and reflected power; VSWR 1.1:1 max. Usable over 145-500 MHz. Output 100 ua @ 5K ohm. RF connectors; output C, input BNC. DB-9 for DC outputs. 1.8x4x1, 1 lb sh. #4162D, NEW, \$19.95

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

SWR Indicator Circuit



STANDING-WAVE RATIO INDICATOR CIRCUIT. assemble a SWR meter using this 1.8" square 0-10 scale (FS=2 ma)

meter with filters, rectifiers & modified Schering bridge. One pair of bridge arms is resistive, the other capacitive. Circuit is balanced when antenna is tuned to 52 ohms resistive resulting in "0" reading on meter. Bridge: 2.5x 2.3x1, 2 lbs sh. #M701/CU-991, Used, w/info, \$8.95

SWR / Discriminator pull out from AM-3349/GRC-106 Amplifier which covers 2-30 MHz at 200 Watt AM and 400 Watt PEP. Has two R/A mini BNC connections and a 15 pin DB connector with mating connector. 3.2x2.6x2.2, 2 lb. w/ schematic. #SWR-3349, \$10.00



SWR BOARD for HyGain radio; no further info. #PTSR006AOX, \$1.00

QRP Circuit Boards

SHORT-WAVE CW EXCITER/ TRANSMITTER by Ryan

Communications; tiny 2"x4" high quality circuit boards cover active segments of ham radio low band frequencies @ 1.25 W CCS from 12 VDC power input into 50 ohms resistive. Output increases from 0.75 W-2.5 W as input varied from 10-16 VDC. RF Harmonics > 30 DB. Has 2N3019 power amp transistor and double Pi-net. Provision for HC-6 -33 xtal; norm-open contact-closure required for output. #SW-2, 1.8-2.0 MHz, \$32; #SW-4, 3.5-4 MHz, \$26; #SW-7, 7-7.5 MHz, \$22; #SW-10, 10-10.6MHz, \$22; #SW-14, 14-14.7MHz,\$22



Noise Activated Switch



NOISE-ACTIVATED SWITCH with sensitivity adjust and mic; 6 VDC input, 2"x2". #54-91, \$1.25 ea

S-Line Mechanical Filter

Circuit Board with #526-9310-009 mechanical filter model F455Q3. This "Y" style filter will fit S-Line equipment. 100K ohm in/out impedance. 3.5dB bw is 18kc, 70dB bw is 70kc. IF frequency of the filter is 455KHz. The circuit board also has two 5636 sub-mini tubes and various resistors and capacitors. No further info on circuit board. 3.9x3.5x0.8, 2 lbs sh. #CB-MECH, Used, \$25.00 each; 3 for \$60.00



Directional Coupler



Rockwell Directional Coupler for the AN/GRC-171B 20 watt, 200-400 MHz transceiver. SMA connector for RF input. RF output uses BNC connector. NOS# 5985-00-588-5285, 4.8 x 1.3 x 1.3, 1 lbs sh. #ROCK-DIR, \$25.00

225-400 MHz DIRECTIONAL POWER DETECTOR used in AM-6155 UHF power amplifier. Rated 65 watts forward; 15 watts reversed. Forward/reversed DC output proportional to output/mismatch; sub-mini connectors provided. "N" RF connections; 4.5x1x1.3, 1#, Coaxial Dynamics #3023, Used, \$18.00



Velleman Electronic Kits

Kits require insertion and soldering of components! Pictures are shown after assembly.



FLASHING LEDs. For different applications (such as model construction), and recreational. Adjustable flashing speed with two potentiometers. ± 8mA. Requires 9V battery (not incl.) 1.2" x 1.4" x 0.6". #MK102, \$8.95

RUNNING MICROBUG.

Attractive bright colored bug-shaped miniature robot. The microbug is always hungry for light, it drives towards it! Two open chassis sub-miniature motors. Adjustable light-sensitivity suits almost any light condition and allows to control it's 'bug-like' behavior. LED 'eyes' indicate driving direction. Stops in total darkness. Requires 2 x 1.5V AAA batteries (not incl.). 4.0" x 2.4". #MK127, \$15.95



CRAWLING MICROBUG.

Attractive bright colored bug-shaped miniature robot. The microbug is always hungry for light, it drives towards it. Two open chassis sub-miniature motors. Adjustable light-sensitivity suits almost any light condition and allows to control it's 'bug-like' behavior. Adjustable speed. Choose between two different walks. LED 'eyes' indicate driving direction. Stops in total darkness. Requires 2 x 1.5V AAA battery operation (not incl.). 4.3" x 3.5". #MK129, \$19.95



QUIZ TABLE. Up to four players

can compete. LED indicates first button pushed. Quizmaster 'RESET' -button with 'button pushed'-indication. Two units can be daisy-chained for eight-player-fun! With on-off switch. Requires 9V battery (not included). 4.3" x 3.1" x 1.1". #MK133, \$9.99



2 X 30W AUDIO POWER AMPLIFIER.

This small amplifier is constructed with the TDA1521 IC, with a maximum supply capability of 2 x 15Wrms (4ohm) of 2 x 10Wrms (8ohm). The IC is thermally and short-circuit protected. Additional rectifier and smoothing filter are unnecessary, as alternating current can be directly connected to the unit. See our website for further specifications. 2.8" x 2.0". #K4003, \$35.00



AM/FM ANTENNA AMPLIFIER.

This amplifier provides 22dB gain wherever you need it. DC power supply directly or via the coax cable. Metal housing included. Gain: 22dB. Power supply: 12V to 15V / 3mA. Input and output impedance: 50 - 75ohm. Frequency range : 10MHz to 150MHz. Note: It is important to put the amplifier as close as possible to the antenna. 3.4" x 1.4" x 0.9". #K2622, \$14.99



UNIVERSAL MONO PRE-AMPLIFIER.

This kit has been developed as pre-module for a number of audio applications where there is insufficient input signal. Applications as a microphone pre-amplifier or for level correction. Power supply: 10-30VDC / 10mA. Output impedance: 1Kohm. Adjustable output level: max. 40dB. Frequency range : 20Hz to 20KHz ± 3dB. Max. input signal : 40mV. PCB dimensions: 1.2" x 1.7". #K1803, \$9.99



2.5 WATT AUDIO AMPLIFIER. Small PCB for both pre-amplifier and power amplifier, which may be used separately. No adjustments required. Short circuit protection. Power supply: 4.5 to 15Vdc. Input sensitivity - power

amplifier: 150mV / 20Kohm. Pre-amplifier: 20mV (12V) / 200Kohm. Frequency output: 60Hz to 15KHz. Output power : 2.5W max. (4ohm / 12V). 1.7" x 1.3" x 1.1". #K2637, \$14.99

AUDIO POWER METER. 10

LED scale, up to 2000Wrms power measurements. Does not need a special power supply, because it is supplied directly from the speaker output. Ideal for car audio systems and PA systems. Also usable for bridged amplifiers. The unit can be used both horizontal and vertical. The kit comes with a front panel and four attractive front stickers, for the different scales. Four different scales - At 4 ohm load in low power mode: 0.3 to 400Wrms. At 4 ohm load in high power mode: 10 to 2000Wrms. At 8 ohm load in low power mode: 0.15 to 200Wrms. At 8 ohm load in high power mode: 5 to 1000Wrms. Minimum input sensitivity: 1.1Vrms (low power mode). Maximum input voltage: 130Vpeak (high power mode). Current consumption: 25mA at full scale. Luminous intensity: 8 to 20mcd / LED. 4.7" x 1.6" x 1.1". #K4307, \$49.95



7W MONO AUDIO AMPLIFIER.

This small amplifier is constructed around the TDA2003 IC, capable of delivering 4Wrms at 4ohms. The IC is completely thermally and short-circuit protected. A conventional direct current can be connected as supply. Music power output : 7W / 4ohm. RMS output: 3.5W / 4ohm or 2W / 8ohm. Total harmonic distortion: 0.05% (1W / 1KHz). Frequency response: 20Hz to 20KHz (-3dB). Signal/noise ratio : 86dB (A weighted). Input sensitivity: 40mV / 150Kohm. Overload and short-circuit protected. Supply voltage: 15VDC (8 to 18VDC possible) / 0.5A. 2.2" x 1.4". #K4001, \$11.95

MONO VU-METER 10 LEDs.

VU meter with a scale consisting of 10 LEDs and an adjustable input. Dot or bar indicator. Supplied with 1 front panel suitable for horizontal or vertical mounting. Range: -20dB to +3dB. Power supply: 10 - 15VDC / 250mA. Input sensitivity - low input: 150mV to 6Vrms (47K). high input: 1.5V to 60Vrms (470K). 1.5" x 2.7". #K4304, \$19.95



STEREO VU-METER 2 x 10 LEDs.

Stereo VU meter with 2 x 10 LEDs (dot or bar indicator) and an adjustable input. Included in package: 1 front panel suitable for horizontal or vertical mounting. Range: -20dB to +3dB. Power supply: 10 - 15VDC / 250mA. Input sensitivity - low input: 150mV to 6Vrms (47K). high input: 1.5V to 60Vrms (470K) PCB dimensions : 1.5" x 2.7" (x2). #K4305, \$29.95

DUAL STEREO VU METER.

This module contains 2 stereo VU meters with 2 x 5 LED indicators and can be used with the 6 or 12 channel mixing panel. May also be used with other equipment, to indicate the output level of an amplifier. Indication: -13, -8, -3, 0, +3dB. Sensitivity: 0dB = 0.775Vrms (easily adjustable). Supply voltage : 14 - 18VDC / 62mA. PCB dimensions : 1.1" x 3.9". #K2668, \$24.95



CHECK OUT OUR LATEST FEATURE ITEMS AT FAIRRADIO.COM

Knobs

7/16" dia Round Knob with brushed aluminum face. Push-on type fits 3/16" half round shaft. #KNR-2, 6/\$2.00

Round Knob. o/a 1.4" diameter. Fits 1/4" diameter shaft. #KNR-5, 5/\$2.00

Rounded Top Knob with decorative ridges. o/a 5/8" dia. Fits 1/4" half round shaft. #KNR-6, 6/\$2.00

ARMY SPIN KNOB, retractable crank w/ beveled top-screw shaft. 1.5" dia; for RT-70 or GRC-106. #2313, \$5.00

Spin Knob w/ crank; fluted 2.1" dia, 1/4" dia shaft. alumi num. p/o BC-348. #SP-348, \$6.00

Fluted Spin Knob (less spinner - requires a 8-24 thread spinner) with skirt, 2" diameter. Fits 1/4" diameter shaft. #KNFS-1, 2/\$3.00

Spin Tuning Knob for spline as used on ARN-6 and BC-229 and other sets that used MC-124 connections. #MC-127, \$7.50

Large Fluted Knob for 3/8" dia shaft O/a 2-3/8" dia. used: #KNB-LCP, \$1.25 each; 2 for \$2.00

Lever Knob for 1/4" diameter shaft. o/a 2.8" long. #KNL-3, 4/\$2.00

Bar Knob with pointer, 1.8" long. Fits 1/4" flatted shaft that is center drilled for hold down screw. #KNB-1, 5/\$2.00

DUAL CONTROL KNOB as used on H-P & TEK scopes; 1-3/8" dia skirted black base for 1/4" dia shaft with 3/4" dia red top knob for 1/8" dia shaft. #KN-DC-HP, used, \$1.00

Pointed Knob w/ 1/4" dia shaft; 1.8" Lx1.1"Hx0.8"W. #KNBN-026-90, 3/\$1.00

Rounded BAR KNOB, 1-1/8"L x 3/4"W x 3/4"H. Brass insert f/ 1/4" dia shaft. #KNART13, 2/\$1.00

DARK BROWN fluted plastic 1" dia X 0.5"H f/ 1930's & 40's radios. #KN-DB1, 3/\$1.00

Dark Brown Fluted Knob for press fit shaft. o/a 0.9" dia #KNDBF-5, 6/\$2.00

ALCO KNOBS, modern plastic knobs with brushed aluminum inset fit 1/4" dia shaft. 5/8" dia x 3/8" H for 3/16" dia shaft, #ALKN6, 4 / \$1.00

KALRAD KNOB SET, five 1/2" dia plastic knobs with 5/8" dia skirt, 1/4" dia shaft. Chrome insert, & set screw; #KAL5K, NEW \$1.25

Handles

HEAVY DUTY EQUIPMENT HANDLES on 3.7x2.5 steel plate with three 1/4" dia bolt holes; 2 lbs sh.

#HAND-AM20, used, \$3.50 per pair.

Hardware

HARDWARE ASSORTMENT of washers, screws, nuts, rivets, terminals; 2 lbs. #HWA-2, \$2.00

1/4" to 1/4" right angle drive. 1 to 1 ratio. Overall size is 5 3/4" x 3 5/8". The longer shaft has a flat on both sides and the shorter shaft has a flat on one side. #RA-14, Used,\$7.50

FLEXIBLE COUPLING from T-368, 1.3"L accordian style; connects 1/4" to 1/2" shafts, #BFX-CPL-3-5, \$7.50

HEX SPACERS
male-female thread or female-female (f-f) :
#HEX-(thread)-(length)

Length	per 20	per 100
4-40 threads 1/4" dia metal		
0.75"	\$4.25	\$12.50
1.375	\$5.50	17.00
6-32 threads 1/4" dia metal		
0.375	\$3.00	\$10.00
0.625	\$3.50	12.00
0.75	\$3.75	12.50
1.5 (f-f)	\$4.25	14.50
8-32 threads 7/16" dia:		
3.0	\$7.00	21.00
1/4"-20 threads 9/16" dia:		
3.25 (f-f)	4/\$2.50	20/\$10
1/4"-28 threads 7/8" dia:		
2.87	4/\$3.50	20/\$14

TERMINAL STRIP with 28 silver-plated 0.8"Hx0.4" dia spring push-down binding posts on 15.3x3.9 x0.4" thick black phenolic board. Phenolic may have minor chips; 4 lbs sh. #TM-184-PT, Used, \$20.00

Older version of above with 0.6" dia white-brass screw-down terminals, #TM-184-ST, used, \$22.00

TERMINAL STRIPS, Unused:
4-Terminal pairs, 3.2"Lx1.6", #4-TERM, \$50
7-Terminal pairs, 4"Lx0.8", #7-TERM, \$65

AUGAT single 8-terminal PC mount: 2"Lx0.6"W: #4PCV-08, 10/\$7.50

VARIABLE TERMINAL STRIPS, pairs removable to decrease or increase length.
#GE-V12-TERM, 12 terminal pair 1.3Hx8.3Lx2"W, \$2.50
#BUC-V8-TERM, 8 terminal pairs 1.3"Hx3.9"Lx1.1"W, \$2

SHOCK MOUNTS you bolt to equipment.

STYLES: A B C		
#SM-4A, 4 #,	\$45	#SM-6A, 6#, \$50
-9A, 9#,	\$60	-12A, 12#, \$75
-12B, 12#	\$85	-15B, 15#, \$100
		-50C, 50# \$1.50

Vibrators

Each of the vibrators listed below are \$5.75 each.

Part #	Pins	Volts	Part #	Pins	Volts
V6648	4	6	V6702	7	2
VB-9-C	4	?	3334	7	6
G534	5	12	JV0022	7	24
V6618	6	6	M1503S	7	24
VS-3	6	6	V6778	7	24
C2255	6	12	V6675	7	?
M3356C	6	24	M418753	Octal	6
V6429	6	115	VB-13-A	9	12
R111	6	?			

Pilot Lights & Indicators

TINY 50V NEON INDICATOR, 1-3/8" long x 3/8" dia; NEW, #3496 clear lens w/ "7" 3/\$1.00

SUB-MINIATURE NEON PILOT LIGHT with 5/16" dia clear jewel. Base is receptacle for three 1/16" pins in triangle pattern. Mounts in 3/8" dia hole. O/a 1.4" L; includes neon bulb. #PIL007, \$.35 ea: 4/\$1.00

DIMMER LIGHT w/ NE-51 bulb; 1/2" dia clear jewel. Fits 5/8" dia hole; o/a 3" L. #PIL-C433, used. \$.75 ea

LAMP HOLDERS for 327 laps; fit 1/2" hole. Flat WHITE numbered lenses; specify: ",4,5,6,7,8,9" or YELLOW "MAX". #0934, \$0.55 ea

Pilot light w/ 327 lamp; white lens. Used #FLW-327, \$1.35

Collector Bulbs

Unusual craft and projection lamp bulb: nice glass and simple but elegant filaments like old radio tubes. With mogul base; may or may not work:

EDISWAN PROJECTION, 6-8 A 200 W; 5.3X1.4" dia. #EDISWAN, \$3.00

T-8 PROJECTION BULB, 200 W 3.4"H x 1" dia; GE #PH/200T8SC, \$2.00

T-8 PROJECTION BULB, (CFC) 150W 120V, 3.4"H x 1" dia; GE #PH/150T8/70, \$2.00

Miniature Lamps

STK#	VOLTS	AMPS	BASE	BULB	4 pk	10 pk
6S6	50	0.12	screw	S-6	\$2.00	\$4.00
13	3.7	0.3	min screw	G3-1/2	\$2.00	\$4.00
14	2.47	0.3	min screw	G3-1/2	\$1.75	\$3.50
24-68M	24	0.68	DC bay	B-6	\$1.25	\$2.50
41	2.5	0.5	min screw	T3-1/4	\$2.00	\$4.00
44	6.3	0.25	min bay	T3-1/4	\$2.00	\$4.00
130	6.3	0.15	min bay	G 3-1/2	\$2.00	\$4.00
313	28	0.17	min bay	T 3-1/4	\$1.75	\$3.50
323	3	0.19	u w/ urm-25 T	1-1/4	\$8.00	\$16.00
327	28	0.04	sc midget	T1-3/4	\$4.25	\$4.50
330	14	0.08	sc midget	T1-3/4	\$2.25	\$4.50
331	1.35	0.06	min flange	T1-3/4	\$3.25	\$6.50
387	28	0.4	sc midget	T 1-3/4	\$1.75	\$3.50
502	5.1	0.15	min screw	G 4-1/2	\$2.00	\$4.00
511	2	0.25	min screw	G-6	.50	\$1.00
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1047	26	2.70	SC bay	RP-11	\$2.00	\$4.00
1157	14	0.59	DC index	S-8	\$2.50	\$5.00
1251	28	0.23	SC bay	G-6	\$2.00	\$4.00
1252	28	0.23	DC bay	G-6	\$2.00	\$4.00
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1815	14	0.20	min bay	T3-1/4	\$1.75	\$3.50
1816	13	0.33	wedge	T3-1/4	\$2.00	\$4.00
1819	28	0.04	min bay	T3-1/4	\$1.75	\$3.50
1820	28	0.04	min bay	T3-1/4	\$1.75	\$3.50
1822	36	0.10	min bay	T3-1/4	\$2.00	\$4.00
1843	28	0.22	min bay	T3-1/4	\$1.25	\$2.50
1886	6.3	0.80	min bay	T4-1/2	\$2.00	\$4.00
1895	14	0.27	min bay	G4 1/2	\$2.00	\$4.00
PR7	3.7	0.30	SC min flng	B3-1/2	\$2.00	\$4.00
PR10	6	0.50	SC min flng	B3-1/2	\$2.00	\$4.00

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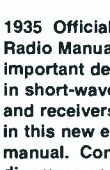
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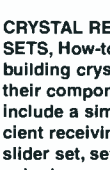
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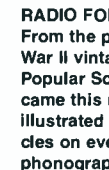
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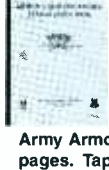
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Copies of mil-references
#TM11-487A Directory of Old Signal Corps...Radio Equipment, 8/ 1950. 4 pgs missing, 246 pp; \$22.95
#TM11-310 Schematic Diagrams of Signal Corp Ground Radio Equipment 1943-47; 32 selected vehicle & field radios; 228 pp. \$24.95
#TO-08-1-25, Vacuum Tube compliments of Signal 10/44; tube line-ups of many vintage military & commercial radios. Also lists by tube # the radios in which tube is used. 192 pgs, 3 lbs. \$19.95
#MIL-HDBK-213A, Electron Tubes, Cross Index and Type Identification, Nov '63; comprehensive list of tubes used by the US military; 303 pgs, \$27.50

Various Books



THORDARDSON TRANSFORMER MANUAL. Great for transformer reference, tube amp schematics and tube radio repair secrets. Full of info on schematics, parts lists, performance specs, etc on big push-pull audio amplifiers, modulators, microphone preamps, power supplies and almost any type of electronic gear that used transformers and chokes. 144 pp; #BK-THOR, \$11.95

Electricity at High Pressures & Frequencies - Incredible 1921 edition of 1913 original. Discussion of Tesla, Fessenden, and others. Photos of unusual experiments. 264 pp #BK-HI, \$11.95



Secrets of Building Lightning Bolt Generators - Walt Noon will explain the experiments he has run, the problems, the solutions, how to build low cost generators from parts on hand. In addition, build simple static machines, van de Graff generator, dirod generator, Pogeendorff corona motor and much more. 91 pp #BK-SCRT, \$8.95

Jane's Military Communications - 1981. A tremendous book of information filled with specifications and descriptions of a wide variety of military equipment such as radios, test equipment, antennas, and MUCH more! 629 pages. 1 1/2" thick x 8 7/8" W x 12 7/8" H 7 lbs. Unused, #BK-JANE, \$90.00



MANUFACTURE OF WIRELESS COMPONENTS. Contains a series of articles showing how wireless components were fabricated with simple machine tools just after WWI. There are articles on making radio parts, jigs and fixtures, fabrication of honeycomb coils, manufacturing of moulded electrical and wireless parts, and more. 64 pp, #BK-MFG, \$6.95

Inventions, Researches & Writings of Nikola Tesla - A complete record of all of Tesla's accomplishments upto 1893. Has 4 parts to the book: Polyphase Currents, The Tesla Effects with High Frequency and High Potential Currents, Miscellaneous Inventions and Writings, and Early Phase Motors and the Tesla Oscillators. Rare volume. 496 pp #BK-INV, \$18.95



Double Tesla-Oudin Coil - Five different articles from WWI-era electrical magazines including double Tesla-Oudin Coil, seeing the unseen, high voltage meter, homemade Geisler tubes, and the demolition of Tesla's Radio Tower. 23 page booklet. #BK-DOUB, \$4.95

Strange Stories from Electrical Experimenter Magazine - Stories from 1917-1919 mostly on Tesla, gravitation and electricity, novel Tesla steam clock, synthetic gasoline, Tesla's egg of Columbus, Tesla's own story of wireless, and more. 64 pp booklet. #BK-STR, \$6.95

Terms & Conditions

TERMS

PRICES NET, F.O.B. LIMA, OHIO. SEND MONEY ORDER, CERTIFIED CHECK, VISA, MASTER CARD, OR DISCOVER with PURCHASE ORDER. We reserve the right to hold an order accompanied by personal or company check until after check clears the banks.

MINIMUM ORDER

is \$10.00 (\$25.00 outside U.S.) + shipping charges. Minimum charge on approved U.S. open-accounts is \$20.00 + shipping \$. COD orders permitted at our discretion, if customer provides 50% of total cash deposit. UPS COD fee \$7. Include sufficient money for shipping charges. (UNUSED-PAYMENTS RETURNED AT ONCE.) Otherwise we will hold order & advise charges.

DESCRIPTIONS

All material offered in this catalog is in "Used-Complete" condition, unless qualified and/ or noted as "Reconditioned", "Unused," or "New." Merchandise is not operationally checked unless specified as "Checked."

Equipment described as "Reparable"—meaning "able to be repaired"—is electro-mechanically complete, but requires some trouble-shooting by the customer.

DISCLAIMER

Items in this catalog are "used" and/ or "obsolete" equipment which may not conform to current Federal laws governed by the Federal Communications Commission (FCC), the Occupational Safety and Health Agency (OSHA), the Environmental Protection Agency (EPA), and other federal and state governmental agencies.

Furthermore, many items in this catalog have potential to produce harmful and even lethal electrical voltages. Proper and safe use of any item purchased is the customer's sole responsibility.

The customer assumes all liability and holds Fair Radio Sales Co., Inc. harmless for compliance to current and future laws pertaining to the use and possession of equipment purchased, for any personal injury liability arising from improper and unsafe use of purchased equipment, and for any property damage caused directly or indirectly by equipment use.

10 DAY RETURN POLICY

Customer may return items for refund of purchase price of the item within 10 days of receipt of order. Authorization for return required!

DAMAGED MERCHANDISE

Claims must be made within 10 days of receipt. Fair Radio reserves the right to repair, replace or refund at its discretion such merchandise. Unauthorized returns & claims beyond the 10 day period are subject to 15% or \$5.00 (whichever is greater) restocking charge. Returns and claims will not be accepted after 30 days of receipt of order!

Tube Sockets

6-pin ceramic ring mt, #SK-6, used, \$2.95
 Mini 7-pin mini, Fiber Wafer, #SK-7MF, new, \$3.30
 Mini 7-pin mini, bakelite, #SK-7M, unused, \$3.35
 Mini 7-pin mini, moulded push-in w/ ridge, #SK-7MP-R, used, \$3.30
 Mini 7-pin mini, moulded push-in no ridge, #SK-7MP-NR, used, \$2.25
 Mini 7-pin mini with collar for shield, #SK-7C, new, \$6.60
 Mini 7-pin ceramic w/ collar f/shield, #SK-7MC, new, \$8.80
 Octal bakelite, 2-hole mt, #SK-OCT-2, used, \$4.45
 Octal bakelite, ring, #SK-OCT-R, used, \$4.45
 Octal Fiber Wafer, #SK-OCT-F, unused, \$3.30
 Mini 9-pin ceramic w/ collar f/shield, #SK-9M, used, \$3.95
 9-pin moulded compactron ring mt, #SK-COMP, used, \$3.95
 SUB-MINI, round, long-lead, #SK-MIN, unused, \$8.85
 Acorn Flat Ceramic Socket, #SK-ACORN, used, \$5
 Septar Ceramic Square Socket, #SK-SEPT, Used, \$7



4X150 Dual Socket Assembly from the T-195, two sockets on 4.3" x 2.9" chassis with 1.1" H bakelite chimneys; #4X150/T195, used: \$19.95

Eimac SK-630A or equal 4X150/4CX250 Socket with Eimac Y-358 or equal plastic chimney, 2 lbs sh. #SK-630A, Used Excellent, \$24.



Cavity Socket Assembly for 3CX100A5/2C39 series tubes. Has female BNC and female TNC connections. 3.3x1.9x5.3, 4 lbs shipping. #3CX-BT, Used nice condition, \$10.00

As above but two BNCs with no TNC, #3CX-BB, \$12

ORON TUBE SOCKET for 3-500Z, 4-400A, 4-125A 5-pin PA tubes. Stainless steel 3.6" dia (92 mm) ring has ceramic insulated silver plated contacts. #410-S, New, \$35.00



Two Johnson #244 Ceramic Sockets mounted on an aluminum plate 3" deep x 7.5" wide. Each of the sockets has a 1 7/8" diameter removable mounting clamp. Works with C6M, 576 tubes etc. Will work with 8008 if clamp is removed. 3 lbs sh. #DUAL-244, Used, \$20.

Tube Shields

For most 7-9-pin mini tubes
 #TSH-(specify tube #) used \$4.00 each
 #TS103U02 SHIELD 12AX7-size, \$6.00 each

BLACK IERC-Type SHIELDS, used:
 #TR5015 (6AK5), \$.85; #TR6015 (5842) \$.95

--- OCTAL TUBE SAVER ---

Save those expensive octal tubes that have broken guide pins. Replace the broken guide pin by slipping this plastic piece over the proper pins. High strength/temperature plastic. Reuseable. .5"Hx1.2" dia, #KY-1, New \$1.50 10/\$12



TUBE TEST ADAPTERS for TV-7, used:

#E104 for sub-mini tubes, \$5.00
 #E105 for septar 829/832, \$7.00
 #E107 for 2C39, \$7.00

Tube Boxes

Quality plain white boxes ideal for storing tubes or other components. Compare our price to the competition and save! No divider insert.

P/N	Dimensions	per 10	per 25	per 100	per 1000
CB6W	1.5x1x3	\$1.55	\$3.20	\$10.95	\$85.95
CB3W	1.5x1.5x4	\$1.85	\$3.80	\$12.95	\$99.95
SB16W	1.75x1.75x6	\$2.10	\$4.60	\$14.95	\$125.00
SB17W	2.5x2.5x6	\$2.75	\$5.95	\$18.95	\$155.00

Cathode Ray Tubes

CRTs are used no burns unless noted "-UN" = Unused

3ACP1 15.00	4QP31 35.00	7ABP7 15.00
3ADP1 15.00	5ABP1 20.00	7BAP7 10.00
3BP1A-U 15	5ADP7 30.00	7BP7 9.00
3BP1A-UN 30	5AMP2 25.00	7BP12 10.00
3DP1 6.00	5AQP1 25.00	7CP7 10.00
3DP1S-2 20.	5BDP7 nos 15.	10KP7 10.00
3HP7 4.00	5BHP2 20.00	10UP14B 10.00
3JP1 10.00	5CP1 10.00	902 nos 25.00
3SP1 20.00	5FP7-UN 20.	GL-4592 10.00
3UP1 20.00	5FPZ5 15.00	SMD460260-UN 10
4MP1 20.00	5JP1 12.00	Z4516P11-UN 10

Tektronix CRT'S used no burns. \$50.00 each
 Others available - tell us your needs.

#154-0672-05 #T5810-31 (154-0354-00)
 #T0540-2 (154-0098-00) #T5471-31-2 (154-0568-00)

2" CRT Shield for 2BP1 etc. #SH-CRT-2, \$12.00
 3" CRT Shield for 3RP1 etc. #SH-CRT-3, \$15.00
 5" CRT Shield for 5ADB7 etc. #SH-CRT-5, \$18.00

Sona Alert - LOUD !!

2 to 6VDC Sona Alert mounted on a 2" x 2 3/16" aluminum panel with 4 mounting holes. This unit is very loud at 2VDC and almost intolerable at 6VDC. 2 lbs sh. #SONA-6, Used Excellent, \$4.



Sounding Device

MINI PIEZO SIREN 6-15Vdc / 140mA 107dB LEAD TYPE. Made from high impact ABS plastic. Dimensions : 1.5" x 1.7" x 2.2". 1 lb sh. Mounting holes: 0.87". #SV/PS1, \$11.95



Faraday Horn

FARADAY 48 VDC 100 ma HORN, made for Bell Telephone; makes loud, penetrating sound w/ screwdriver volume adjust. Steel construction; recess mount. Front size 4x4x1.3 1.3" panel depth, 3 lbs #KS-12037L2, NEW, \$5.95



LOUD BUZZER HORN as used in smoke alarms; 2" dia x1.3". #41-81-6, 6VDC \$1.25 ea; #41-81-12, 12VDC \$1.35 ea

Alarm Bell

ADAPTABEL INDUSTRIAL ALARM BELL, 5.8" dia bell operates from 6 VDC 250 MA for non-fire use. Heavy metal cast construction with mount hardware; 3 lbs. Edwards #435-6C1, new, \$9.95



Speakers

3 X 5 SPEAKER, 1 watt at 16 ohms with 1.8" dia magnet; 1 lb sh. NEW, #SPK-3-5, \$1.35 ea; 10/\$12; 100/\$95



3 1/4" Square Speaker. 4 ohms rated at around 2 watts. 1 3/4" depth. 2 lbs sh. Unused, #SPK-3.25, \$3.00



2 3/4" Round Speaker with no mounting holes. 45 ohms rated at around 1/2 a watt. 1.1" depth. 1 lb sh. #SPK-2.75, Unused, \$2.00



Octal Tube Puller

Octal tube puller. Pull out octal tubes in those hard to reach areas. Stands around 6 3/4" tall. 1 lbs sh. #TP-7, \$6.00



Blonder Tongue Modulators



Solid State Audio Modulator by Blonder-Tongue

Model AMT-a provides a modulated aural carrier RF output on any single VHF TV channel 2-13. It can be used to put sound and color video on any unused channel of a closed circuit, MATV or CATV system or onto a single TV receiver. The wide range audio input can be directly driven from an AM or FM tuner, tape recorder, or high impedance dynamic or crystal microphone. The unit may also be used for carrier substitution. 4x19x1.8, 6 lbs sh. #AMT-A, Unused, \$89.50

AM60-450A Agile Modulator by Blonder Tongue

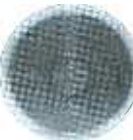


provides audio and video modulated RF carrier on any channel in the 50 to 450MHz frequency range. Ideal for placing audio and video onto any unused channel. Any standard audio/video source can be used, such as satellite receivers, television cameras, video tape recorders, or television demodulators. Agile channel selection permits on-the-fly channel changes and reduces the need for large inventories of channelized products. Features rock solid, synthesized frequency control, with a tuning increment of 250KHz. Requires 115VAC 60Hz. Has type "F" female connectors on the back for IF out, IF in, and RF out, and video in. Has a RCA phono female for audio in. 15.1x19x1.6, 9 lbs sh. #AM60-450A, Used Excellent, \$300.00

Agile Processor, #AP60-450, \$275.00

Output Combiner, #OC-12D, \$175.00

7" Audio Tape



7" Professional Audio Tape by Ampex model 631. This is the 1.5 mil tape, 1200' of 1/4" tape. These reels of tape are excellent for DBX reels and others to decrease tape noise, consider by many as the standard for reel recording. These reels are truly the standard for audiophile recordings, and a must for the reel collector. 3 lbs sh. #TAPE-631, Unused, \$3.75 each; 12 for \$35.95; 24 for \$60.00

Transistor Audio Amplifier

TRANSISTOR AUDIO AMPLIFIER w/5-transistors, On-Off-Volume and Tone controls.

Inputs for ceramic or crystal phono cartridges. Other possible uses as intercom, home-brew receiver, child's projects. Use with 8 or 16 ohm 3" or 4" speaker. Requires 6-9 V AC or DC; with schematic. 1.5 x 2.3 x 3.3. #ER-10-1231, NEW, \$2.95 ea; 2 / \$5.00; 6 / \$12.00; 100/\$135.00



Audio Filter



AUDIO LOW PASS FILTER. No specs available, but output is good from 10 hz to the limit of the filter. The drop off is very quick. The circuit is passive and causes an approximate 50% attenuation of the

signal. The input impedance seems to be about 2400 ohms. 4.5 x 1.5 x .5, 7.5khz LPF #FO70975, \$5.00
 15Khz LPF #FO69215, \$4.50

PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

LOW VOLTAGE TRANSFORMERS

All 120 VAC 60 Hz primary unless otherwise noted; styles as indicated; may be "used" or "unused": Dimensions listed below are case only, so make allowance for terminals. Weights listed below are considered SHIPPING weights. Limited stock.



STYLES (A) (B) (C)

SECONDARY	SIZE	STYLE	WT	STOCK #	PRICE
Two 5 V 3 A	3x3.3x3.4 (C)	7	#P-6333	\$9.95	
7.5/6.3 VCT 3 amps, 6.3 VCT 4 A					

Dual 6V 400ma, 1.5x1.6x1.3, (C) 2 #11T-6V-400MA, \$5
6.3V 1A 1.7x1.9x2.9 (A) 3 #38-6.3V-1A, \$4.00

6.6V 10 A, 3.3x4x5.8 (A) 10 #77-6.6V-10A \$9.95
6.6VCT 1 A

9.2 V 600 MA 2x3x2(A) 2 #NE-1063-P \$3.95

10V 4 amp, 3x4x3.5 (C) 7 #BE-12696 \$4.95
18V 1.5 A, 19V 2.5 A

12V 9 amp, 5.3x4.3x4.8(C) 22 #P-601719 \$8.95
12V 3.2 A, 12V 2 A, 44V 2.5 A. (12 V windings can be wired to produce 12 V 14 A)

13V 20 amp, 4x3.5x3.8 (C) 10 #430-9001 \$19.95

15 VCT 3 amp, 2.5x3x2.5 (C) 2 #TRA-1577 \$3.95

16.5 VCT 2 amps 2.6x2.5x2 (C) 2 #BE15869 \$3.95

17V 1.5 A, 2.5x3x2.5(C) 3 #54-995 \$4.00
19V 1.6 A

Dual 17V 5A 4.3x1.2 Torroidal 6 #4365-P1S2, \$22

18V 5.4A, 4.5x4.8x4(C) 16 #401-21 \$8.95
26 V 1 A, 6 V 900 ma,
25 V 500 ma, 35-10-0-10-35 V 5 A

18 V 1.5 A, 3x4x3.5 (C) 7 #BE12696 \$4.95
19 V 2.5 A, 10 V 4 A

20V 20A, 5x4.3x5.3, (B) 16 #32-20V-20A, \$24.00
Primary 115/220V

Dual 22V 3A 6x1.9 Torroidal 7 #40/3021, \$18.00

22 VCT 3 A, 3.8x3x4 (C) 8 #3S92890015 \$5.00
80 VCT 1.5 amps

Taps 24/19/10V 1KVA at any tap 6x11x14 (A) 84 #M1539, \$85

25VCT 8 A 4 x 3.6 x 5.3 (A) 13 #200P25GT \$14.95

25.2VCT 2A 2.1x3.9x2.6 (C) 4 #F-41X, \$8.00

29.2V 2A 3.5x3.9x3.5 (A) 7 #612-29.2V-2A, \$8.00
22.5V 2A

2x30 V 250 MA 1.8x2x1.5(C) 1 URC#60605 \$2.50

30 VCT 200 MA 2.3x1.3x2(C) | URC#374501-1 \$2.95
45 VCT 100 MA, 2.5v 30ma

30 VCT 560 ma 2.5x2.3x2 (C) 2 #401-6 \$3.00
40 VCT 450 ma

32 V 3.5 amps 3.3x2.8x2.3(C) 4 #2-111219 \$5.95

32 VCT 1.5 A; 2.5x2.6x2.1(B) 3 #142259 \$3.95

35 VCT 1A 2.5x2.8x3(B) 3 #1341155-2 \$2.50
Rusty condition

36 VCT 2A 2.9x3.5x2.3 (B) 3 #SR-448 \$4.95

36VCT 3A 3.3x3.3x2.8 (B) 6 #701-121, \$8.00

38VCT 1.4A 2.2x3.3x2.3 (B) 4 #203A6725, \$5.00
5V 1 amp

38.9V 4A 2.6x3.8x3.5(C) 5 #021/0220050 \$7.50
tapped 26-9-3-0.9 V, 150 VCT 200 ma

40VCT 1A 2.2x3.7x2.2 (C) 4 #URC56000, \$5.00

40 VCT 1A, 3.3x3.8x3.3(C) 7 #P-1220 \$7.00
31 VCT 2 A, 11 V 1.2 A

40 VCT 2.1 A, 3.5x5.5x3(A) 8 #9807 \$6.95
24 V 1 A, 117 V 50 ma: sealed

42 VCT 2.5 A 6.3x5.8x4.8 (A) 14 #235-2593 \$8.95
2 VCT 12 amps

52 VCT 2.6A, 3.2x3.8x3 (B) 6 #EIA606-451 \$7.00
tapped 33 and 18 VCT

70 VCT 5 A, 4.5x4.8x4 (C) 16 #401-21 \$8.95
tapped 20 VCT; 18 V 5.4 A, 26 V 1 A, 6 V 900 ma

80VCT 180 ma, 3x3.2x4.9 (A) 6 #46-80V-180MA \$3.50

80 VCT 1.5 amps, 3.8x3x4 (C) 8 #3S92890015 \$5
22 VCT 3 A

Taps 80/75/70/65/60/55V 3A 5.2x5.2x6 (A) 18 #1-80V-3A, \$6.

90VCT 2A, 4.1x3.4x2.9, (C) 9 #24-90V-2A, \$14.00

Dual 90V 2.5A, 3x5.2x4.4, (C) 13 #20-90V-2.5A, \$20
tapped on each of the 95V windings at 60V,
32 vct around 200ma

Dual 95V 2.5A, 3x5.2x4.4, (C) 13 #28-95V-2.5A, \$22
tapped on each of the 95V windings at 60V,
32 vct around 200ma

100VCT 830ma, 2.2x2.7x2.5, (B) 3 #15-100V-83MA, \$16

100V 1.5A 6.5x6.3x5.9 (C) 25 #42-100V-1.5A, \$25.00
2/15V 1A, 19V 2A, 60V 4A

100V 8.5A 7x6.1x6 (C) 33 #42-100V-8.5A, \$55.00

115 V 75 MA, 4.8x7x6(A) 14 #BP-18585 \$9.95
6.3V 6A, 6.3V 3A, 6.3V 1.8 A, 2.5V 5A

HV Transformers

SECONDARY	SIZE	STYLE	WT	STOCK #	PRICE
145V 390ma	2.7x2.8x3.4 (C)	6	#28-145V-390MA	\$20	

289V 200MA, 4.6x3.9x6.4 (A) 15 #8-289V-200MA \$25
207V 125ma, 6.3V 1.4A

375 VCT 50 MA 2.5x3x2.6 (B) 3 #8316527 \$6.50
6.3 V 2 amp (230 VAC only primary)

450VCT 30ma 2.2x2.5x3.9 (A) 5 #33-450V-30MA, \$14
6.3V 2A, 12V 500ma

500VCT 10ma 2.4x2.5x3.5 (A) 5 #3-500V-10MA, \$12

500VCT 125ma 2.9x2.5x3.3 (B) 5 #TR180, \$14.95
6.3V 1 amp

545VCT 20ma 2.8x3.3x2.9 (A) 5 #32-545V-20MA \$12
6.3VCT 3A

550VCT 12ma, 2.4x2.9x4.1 (A) 5 #3-550V-12MA, \$7.95
60VCT 300ma, 6.3V 600ma

750VCT 110ma 3.9x3.9x5.5 (A) 13 #9-750V-110MA
\$26

5V 2A, 6.3V 3.6A, 6.3V 0.9A

770VCT 150ma 5.1x4.4x5.8 (A) 19 #40-770V-150MA, \$30

800VCT 27ma, 3.4x3.1x3.9 (B) 8 #9100-0011, \$15.
5V 2A, 6.3V 3.25A, 6.3V 1.5A

Audio Transformers

Primary Secondary

50 ohms 30ma 500 ohms 400 to 1900 Hz Mic
Transformer 1.5x1.3x1.5(A) 1 lb #T204/PP115 \$3.

100 ohms 100K ohms; input transformer,
2.1x2.2x3.2 (A), 2 lb #T3/AM20 \$7.95

250/4000 ohm 150, 600 ohmCT 400-3000 Hz
1.8x1.8x2.5(A) 2 lb #C280/RM39 \$4.00

400/500 ohm CT 400/500 ohm split
0.7x0.9x0.6 1 lb #UTC-SO-11, \$3.00

500 ohm CT 500 ohms CT 600-12000Hz
2.3x2x2.5 (A), 2 lb #T203/PII5 \$3.00

6K ohms CT 100K ohms CT, 200-3K Hz 18DBM
1.6x1.6x2.7 (A), 2 lb. #9808-128, \$5.00

15K ohm 600 ohm 100-5000Hz DC Current=0
1.6x1.7x2.9, (A), 2 lbs #9120-0018, \$6.00

Audio transformers which we were told were from Altec/Altec Lansing Public Address amplifiers. We have no specific data on these, but offer them to those who may know what they are. All ohms listed below are DC resistance. We will list all the information we have and pictures on our web site at fairradio.com/audiot.htm

Pri. 0.5 ohm; Sec. 8.7 ohm tapped 8.4, 8.3, 8. Open frame, 2.7x3.7x2.3, 4 lbs sh. Sam Woo mfg. #050-7000-00, \$5.00

Pri. 0.3 ohm; Sec. 3.7 ohm tapped 3.65, 3.6, 3.5. Open frame, 2.9x3.4x2.8, 6 lbs sh. Sam Woo #50-7001-00, \$7.50

Tamradio #302216, Winding(1) 19.3 ohms, (2) 5.7 ohms CT, (3) 3.4 ohms CT, (4) 5.2 ohms CT, (5) 20.4 tapped 17.1 ohms, (6) 21.5 tapped 16.7 ohms. Open frame, 3.1x3.2x2.8, 5 lbs sh. \$5.00

050-0145-05 EIA606-625, Winding(1) 0.7 ohm tapped 0.4, (2) 2.1 ohm tapped 1.8, (3) 0.4 ohm tapped 0.3. End Bell, 3.8x3.8x3.1, 9 lbs sh. \$10.00

TRIAD TRANSFORMERS

#TY-61X TRANSISTOR DRIVER 100 ohms 100 ma :
100 ohm CT, 50-10KHz 500 mw. 2.7x1.5x1.5. \$4.00

#TY-65Z MODULATION Pri: 32 ohms CT 575 MA DC
Sec: 4K-6K ohms 10 W. 2.7x2.4x2, 2 lbs. Used, \$5.

Industrial Transformers

Taps 90 thru 3KV at 20KVA at any tap #3KV-20KVA, \$999
(Primary 160V 137.5A) 5 - 3000Hz One Phase
20.3x16.5x22.5, Open Frame, Approx. 500 lbs

115/270V 4.9KVA 10x9x9.7 (C) 100 #44-115V-4.9KVA, \$225
115/135V 2.7KVA (600VAC only primary)

71V 53.5A 8.7x9x9.2 (C) 80 #44-71V-53.5A, \$175.00
(Primary 200/230/380/415/460/575VAC)

Taps 208/220/240V 9A 8x8.3x7.4 (C) 60 #SU-2, \$175.00
(Primary 416/440/480V 4.5A)

229V 70A 3 Phase Y 22.5x11.3x18 (C) 400 #SHED-Y, \$600
(Primary 420/440/460/480/500V 37-31A)

230V 250KVA 5.8x5.4x5.9 (C) 19 #42-230V-250KVA, \$35
(Primary 208/270/325/380VAC)

Taps 80/90V 1KVA 8.5x5.3x5.4 (C) 33 #3-40239-98, \$50.
(Primary 240/480VAC)

3-PHASE POWER TRANSFORMER from Harris RF765
5 KW transmitter; two outputs of 1916 V 2.3 amps
and one 1518 V 490 MA from 208/220/230/240 V 3-
phase input. Made by Basler; 17x 26.5 x12.5, 300 lbs
shipping. Harris mfg. #10178-5200, used, \$450.00

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

Misc Transformers

MODULATION TRANSFORMER Pri: 5500 ohm 235 ma or 2000 ohm 300 ma. Sec: 200 ohm 20ma 90 watts max. 3.1x3.5x2.9, 4 lbs. #677-0923, used, \$8



"ISOLATION" TRANSFORMER pri 115V 60 Hz; sec 105 VAC 500ma 3.5x3.5x2.5, 6lbs sh. #45099037, \$7.50

TRANSFORMER-POWER SUPPLY Pri: 2 x115 VAC 48-62 Hz. Sec: 570 VCT 200 MA, 25 VCT 1.2 amps, 6 V 8 A. On chassis w/sockets for two 26Z5 tubes; 20 lbs. #PS-R390A, used, \$25.00

CHOKES

0.5 mHY 100A 0.9 ohm, 6.3x5.4x4.1, (C), 35 lbs, #CH-100, \$45.00

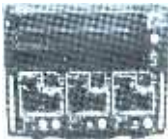
1 mHY/5.0mHY 11A/1A swinging 6.8v - 120cps .07 ohm 2x2.3x3, Sealed frame, 4 lb, #103-1MH-11A, \$9.50

30mHY 1.2ADC, 2x2.3x3.8, (A), 4 lbs, #36-30MHY-1.2A, \$6.00

C-114 LOADING COIL, adds 88 mH inductance to field phone wire increasing effective range 125+%. Water tight case; 4 lbs shipping. #C-114, Used, \$10.00

Battery Charger

NI-CAD CHARGER PP-6241 SOLID-STATE BATTERY CHARGER for silver-zinc or nickel-cadmium types. Three independent charging units with outputs 8-16-32 VDC or 0-36 VDC in 0.1 V steps; 1 or 2.25 amp charge. With cables CX11971, CX11972, and CX11973. Requires 115 VAC 45-440 Hz input. 11.5x 13.8x11, 46 lbs. w/ book. #PP-6241-U, Used, \$39.50; #PP-6241-UN, Unused, \$79.50



PP-7286/U Ni-Cad Battery Charger will charge 6, 12, 24, or 28 volt sealed Ni-Cad battery capable of either fitting in the five battery holders on the front panel or attached to cables connected to the five sets of plug-in-connectors (jacks) located beneath the battery holders. Unit originally designed for batteries BB-557, BB-699 and BB-704. Requires 115/230VAC 47 to 400Hz. 9.5x11.6x13, 38 lbs sh. #PP-7286, Used, \$99.50 Op's Manual Repro, #OM-PP-7286, \$10.00

Battery Charger for PRC-68/68B/126/128. Charges up to five of the #406870-1 rechargeable batteries

at a time. Each battery has its own holder and cable for charging. Requires 115/230VAC 60Hz or 28VDC 2 amps. Has a reset button and a high/low indicator for each station. Batteries sold separate. 9.4x20.4x6, 18 lbs sh. #CH-PRC-68, Used Repairable, \$175.00

Rechargeable Battery for above 15V .80 AH. #406870-1 Unused, \$32.50



Switching Power Supplies



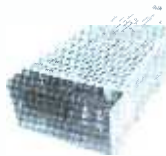
HEAVY DUTY SWITCHING SUPPLY, outputs +5 VDC 28 amps, +12 V 4 A, +24 V 1.5 A from 115 VAC 60 Hz in. W/ ON-OFF switch, & 16-pin Molex output connector. "AS-IS" complete, no schematic" 2x5x13, 6 lb #SWPS-528, \$6.95

SWITCHING POWER SUPPLY with 3" axial fan. Outputs +5 V 10 amp, +12 V regulated 2.5 A, +12.5 V 5 A unregulated from 115 VAC 50/60 Hz input. P/o Wang equip. 2.6x5.1 x12.5, 7 lbs. #12690, \$14.00



POWER SYSTEM switching supply, outputs +5 V 7 amps, +12 V 3 amps, -12 250 ma, -5 300 ma from 115/230 VAC 50-60 Hz input. 7.8x 4.4x1.5, 3#. NEW: #PS1558, \$15.00

Switching Power Supply, Outputs: 5VDC 20A, 15VDC 2.5A, -15VDC 1.0A, 24VDC 4.0A. Housing is perforated. Requires 115/230VAC 50/60 Hz. Xentek Inc mfg. 10.9x7x4.2, 7 lbs #SX200-81605, Unused, \$8.95; 4 for \$29.95



Switching Power Supply, Outputs: 5VDC 21A, -5.2VDC 7.5A, 12VDC 4.7A, -12VDC 1.5A. Each output has a potentiometer adjusting the voltage +/- 1 volt. Perforated housing with a heatsink on top. Requires 115VAC 60 Hz. Various mfg. 10.9 x 7 x 4.2, 15 lbs #A3060884, Unused, \$9.95; 3 for \$24.95

Power Supply Modules



5 VDC 3 Amps regulated open frame power supply with over voltage protection from 115/230 VAC primary. Mfg by International Bay. 4.9 x 4 x 1.9, 4 lbs sh. #IHB5-3OVP-506, Unused, \$15.95

+5/-5 V 3 AMP REGULATOR BOARD, up to 24 VDC unregulated. Capacitors two 15000 mf 15 V, 33000 mf 30 V. Two each KBPC rectifiers, 2N6576, 2N4441 SCR. 7.8x6x4; 3 lbs sh. #MEND-REG-5V, \$5.00



REGULATOR MODULES from Sun supplies, each with current limit and voltage adjust. Includes bridge rectifier, filter capacitor, two 2N3055 or equal

and 723 regulator; 2 lbs sh. No further info. #SUN-REG-124, 12 V 4 amp, \$10.00 #SUN-REG58, 5 V 8 A w/OVP; \$8.00

50 Amp P.S. Chassis

PP-4763/GRC POWER SUPPLY, produces 28 VDC 50 amps from 115 VAC 22 amps 47-63 Hz 22/11 amp input; solid-state with +/-0.5% regulation. Has meters 0-50 VDC and 0-80 amps DC; 13.5x 19.5x15, 145 lbs. #PP-4763-L, Used less regulator control card, \$150 #PP-4763-LM, Used less control card & both mtrs, \$120 Manual repro, #MM-PP-4763, \$10.00



Power Supplies



5 VDC 6 AMP AC DC MODULAR SUPPLY, +0.05 line and load regulation from 100/117/220/23/240 VAC 47-440 Hz input; 4.9x5.6x2.5, 5 lbs. #ECV5N6-1, NEW, \$15.00

5 VDC 3 AMP EXELON DC REGULATED SUPPLY, and 12 VDC 0.1 amp output from 115/230 VAC 47-63 Hz input. 5x5.3x2.8, 4 lbs. #PS-1545, NEW, \$10.00



12 VDC 1.5 AMP DC POWER SUPPLY, Adjustable +/- 2.25 volts. Requires 115 VAC 60 Hz; Mfg by ACDC Electronics. 4.9x6.3x3.4, 7 lbs sh. #10-4131-045, Unused, \$19.95

12 VDC 1.5 AMP DC POWER SUPPLY designed for small tool rated under inductive load like a motor. Output > 20 VDC under lesser loads; can be varied somewhat depending on load. With 6 ft AC cord; requires 115 VAC 60 Hz; 2.5x2.5x5, 3lbs sh. #DR-12VPS, NEW \$10.95



COLECO DISK DRIVE POWER SUPPLY for ADAM system; transformer type with outputs +5 V 3 amp, +12 V 2.9 A, -5 V 200 ma, and +18 V inductive 1 A.

115 V 60 Hz input. With cords and On-Off switch. 11x4x8, 10 lbs sh. #COL72559, unused, \$10.00

PP-3929A/FLR-9 DC POWER SUPPLY with outputs - 12 VDC 8 amps

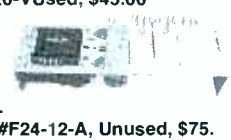


and +12 VDC 2 amps. Has 3.5" dia meters 0-15 VDC and 0-12 AMP DC, switch for Output Select +10/-10 VDC and Voltage Adjust trimmer, Terminal strip on rear; mating connectors not available. Solid-state; requires 115 VAC 48-63 Hz. 4.8x19x18, 46 lbs shipping. #PP-3929, Used repairable, \$35.00



Linear Regulated Power Supply by Lambda, adjustable 20VDC +/-5% at 5 amps. Perforated housing. Requires 205-265VAC 55-65 Hz. 10x4.9x4.8, 17 lbs, #LM-CC20-VUsed, \$45.00

24VDC 12 AMP or 28VDC 10 AMP POWER SUPPLY, Requires 115/230V 47-63Hz. Mfg by Power One. 16.8x4.9x4.8, 20 lbs sh. #F24-12-A, Unused, \$75.



Power Supply Kit



1A POWER SUPPLY KIT. This small power supply provides a regulated voltage, adjustable between 1.5 and 35 volts at 1 Amp. With the LM317 regulator remarkably better ripple and regulation characteristics are given than with conventional regulators. Current limiter and thermal overload protection are included in the IC. Supplied without heatsink. Output current: 1.5A max. Max. dissipation: 15W (cooled). Max. input voltage: 40VDC. PCB dimensions: 2.1" x 2.1". #K1823, \$12.99

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H V Supplies



HIGH VOLTAGE POWER SUPPLY, input 120 VAC 50-60 Hz. Rated outputs: - 5000 V (6+ KV tested) 1.8 ma, +120 V 15 ma, +24 V 0-1.25 amps, +16 V 200-450 ma. 4x9.5x4, 17 lbs shipping. #GE9T63Y2280G02, Used, \$12.95

Wall Transformers

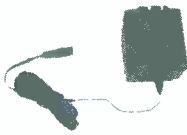


AURORA TOY WALL TRANSFORMER, changes 120 VAC to 9.5 VDC 350 ma output. 6' cord with slide lugs; 2 lbs sh. #AUR-95V34VA, 2 / \$4.00

CERVCO AC ADAPTER, 11.5 VAC 175 ma out-put; 6' cord w/o lugs. #CER-11.5V, 2 / \$3.00

AC adapter/wall warts GRAB BAG from cell phones: 12VDC 200 ma to 1000 ma, #AC-12, 5 for \$11.00 9VDC 130ma to 300ma, #AC-9, 6 for \$12.00

13 VDC 1 Amp Wall transformer from 120VAC input. 6 ft cord w/ "Barrel Type" DC power connector O.D. 5.0mm; I.D. 2.5 mm. 2.6x2.2x3.4, 2 lb, #TAACA0201, \$2.50



Electronic Trainer



Nida Trainer Model 130, Originally for electronic class troubleshooting instruction. This unit is power supply and test frame only, no test circuits. plus and minus low voltage power supply

each 6, 9, 12, 15 volts and variable to 24 vdc current limited 25, 50, 75, to 100 ma variable. Also high voltage 50, 100, 150, 200 to 250 vdc variable with current limit of 10, 20, 30, 40 to 50 ma variable. Large voltmeter and milliamper meter to monitor the output. Mini toggle switches under front panel to switch problems into circuit. This would make nice tube/low voltage breadboard station for your shop. Requires 115VAC 60Hz. 14.7x18x9, With Schematic. 25 lbs sh. #NIDA-130, Used, \$59.50

Handcrank Generator



HANDCRANK MAGNETO GENERATOR from telephone equipment; features long crank with shaft extending 2.5" from generator and mount plate that allows left or right side or bottom mount. Will work up to 90 volts.

Replace "dead" generator in antique phone or as remote bell ringer or "worm shocker"; 4 lbs sh. #MAG-GEN-1085, used, \$19.95

GN-38 HANDCRANK GENERATOR, similar to above with flat magnets but has shorter fold-up GC-9 crank. Used in EE-8 and other older military phone equip. 4"Lx 2.5" dia: 4 lbs sh. #GN-38, Used, \$24.95



Variable Transformers

- - OTHER RATINGS AVAILABLE - -
Tell us your needs!

All variable transformers listed below are used good condition unless otherwise specified.



GENERAL ELECTRIC VARIABLE TRANSFORMER, input 120 VAC 60 Hz. Isolated output 0-60 VAC. Maximum current load: 5 amps. Two units wired in series will produce 120 VAC output. Coil not enclosed; dial plate & knob not included. 4.4"x4"x4"H; 6 lbs GE #9T92A1515, NEW, \$19.95; 2 for \$35.00

POWERSTAT variable transformer, no dials & knobs. 0-30V at 25 amps 60 Hz or 15-0-15V at 35 amps 60 Hz out from 120/240 V input double wound; Actually has two isolated 15V secondaries. Great basis for a 12 or 24 volt power supply. Enclosed, motorized 3 section (3 phase). 12" dia X 30"H, 90 lbs. #DMLW-136BT-3, \$195



POWERSTAT 12 Amps output 0-130V from 120V input. Not enclosed. 6x5.1x5.2, 12 lbs sh. #12A-VARIAC, \$95.00 Knob for above, #KN-12A, \$1.95 Dial Plate for above, #DP-12A, \$15.00

400Hz General Radio M2, 2.4 Amps output 0-140V from 120V at 400Hz input. Not enclosed. Dial plate N/A. 3.3 x 3.3 x 3.7, 4 lbs sh. #400HZ-VARIAC, \$18.00 Knob for above, #KN-400HZ, \$1.95



380 HZ VARIABLE TRANSFORMER, input 120 VAC 380/1000Hz; output 0-120 VAC 380/1000 Hz 13 amps. 7x6.2x3.3, 9 lbs. #GA5065OL \$18.00

Staco 20 Amps 0-180V, input 120V, motorized. 8.8x8x10.5, 36 lbs, #033-6565, \$120.00



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Variable transformers listed below are 240VAC 60Hz Inputs; not enclosed. Used unless otherwise stated.

VARIAC 0-240 V 8 Amps from 120/240 V, 7.5 x 7.5 x 6.5, 23 lbs sh. #W20H, Unused, \$95.00

GE 8.5 Amps 0-240/280V, input 120/240V, motorized. 7.6x6.9x10.2, 23 lbs sh., #9T92A30G51, \$89.50

GE 8.5 Amps 0-240/280V, input 120/240V. 7.1x6.2x6.3, 17 lbs sh., #9T92A30, \$92.00 Pointer knob, #KN-9T92A30, \$1.00 Dial Plate, #DP-9T92A30, \$1.50

Powerstat 9 Amps 0-240V, Input 240V, motorized, perforated sides. 9.1x9.5x10, 30 lbs sh., #2388-10698, \$89.50

Staco 10 Amps 0-240V, input 240V, motorized, perforated sides. 8.9 x 9.5 x 10.3, 30 lbs sh, #033-7015, \$99.50

200 Watt Inverter



12 VDC to 120 VAC 60 HZ INVERTER, rated 200 watts continuous; 600 W surge. Output is squarewave with zero-crossing. Has studs for input & 3-cond outlet. 3 x 7.5 x 4.8, 7 lbs. #RC-12200, New, \$49.50

Inverter Kit

400 HZ INVERTER KIT removed from PP-2352; good foundation for 28 VDC to 115 VAC 400 Hz 500 watt 1 phase inverter. Includes oscillator feedback, driver, output, & regulator transformers, two saturable reactors & schematic info. Add other components to suit your power needs; 10 lbs #KIT400HZ-500W, \$49.50



750 Watt Inverter

400 HZ SOLID STATE INVERTER KIT will produce 115 V 400 Hz at a current and voltage dependent on the transformer you use.

Supplied parts include, special feedback transformer, resistor/diode boards, two transistors on heatsinks which when combined with your center tapped transformer will produce 400 Hz power. For 12vdc operation use a 20-26 vct transformer. For 28 volt input use a 40 -52 vct transformer. With schematic & info. #INV-47, \$19.95 #INV-47-52, 52CT w/ 52VCT xformer f/ 28v input, \$27

750 Watt Inverter

ROTARY INVERTER, output 115 VAC 400 Hz 1 phase 750 VA from 28 VDC 60 amp input; Leland or = 12x9.5 x7, 42 lbs shipping.

#INV-750, Gov't-Recond, \$57.00
+++++
INVERTER, like above except 750 VA out from 28 VDC 60 A in; 9.3x16.5x7, 40 lbs sh., #PU-16, \$32.95

115V 60Hz Inverter

Motor Generator for GRC-106 Model SS688. Input 27.5VAC 24 Amps. Output 115VAC 60Hz 3.48 Amps. Continuous duty, 3600 RPM. 12x6.5x12, 47 lbs sh., #SS688, Used, \$65.00

Dynamotor Supplies

#D-10A Used, \$15.00
#D-401 Used, \$12.00
#DM-36 Re-new, \$15.00
#DM-53 Used w/ base, \$6.00
#DM-53-12, 12V Unused w/o base, \$8.00
#DY-9 from ARC1 or equal, \$14.00
#DY-86 from ARN-30, \$15.00
#DY-107 Used, \$37.50
#PE-98 14V Used, \$30.00
#PE-133 used, \$10.00
#2C4312/B50 HINGE SET for the DM-21 in BC-312/342, \$7.00

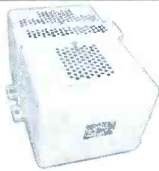
Frequency Converters

ELGAR 500 W FREQUENCY CONVERTER uses four 125 watt power amps; voltage, freq & phase digitally programmable. Input 208 VAC 60 Hz; output 300-1000 Hz selectable 0-15/30/130 V (phase A'), 0-40/160 V (phases A, B, C) & tandem A0+B0=240 VA @ 115 V. Special Elgar 504 requires 16-bit binary & TTL programming to operate; info not available. 7x 19 x24, 150 lbs. #580-283-047, UNUSED, \$486 \$250.00



EMAIL US YOUR INQUIRIES AT FAIRADIO@WCOIL.COM

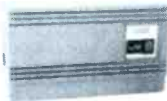
Regulators / Conditioners



Sola CVS 2000 Watt Constant Voltage Transformer provides a very well regulated sinusoidal waveform that is isolated from variations and disturbances in the input voltage. Also provides isolation and step-up/step-down to allow for various input/output voltages. Input 95-130/175-

235/190-260/380-520 60Hz. Output 120/240VAC 60Hz 2000VA. 17.8x11.4x9.6, 115 lbs sh. #23-23-220-8, Unused, \$250.00

WANG POWER CONDITIONERS, electronic line voltage regulators with full magnetic isolation protects computer & similar equipment from line voltage surge or "sag" damage. Provides "clean" 120 VAC 60 Hz output from inputs of 90 to 135 VAC 60 Hz. Low input shutdown @ 50% of nominal. OVP shutdown @ 12% above max output. 7.8x13x10.4: 1000 VA output with one large L5-20R receptacle; 45 lbs sh. #SC-100A-PC, New, \$195.00



WANG LINE REGULATOR, designed for 120 VAC 500 W constant output for computers from 95-130 VAC 60 Hz inputs. Has two 3-conductor outlets, On-Off switch, and line cord. 7.8x8.5x16, 40 lbs sh. #725-2740, unused, \$125.00

SOLA #63-13-150 C-V HARMONIC NEUTRALIZED REGULATOR, 120 V 60 Hz 500 W output from 95-130 VAC 5 amp input. Two 3-conductor outlets & On-Off on front. 6.9x7.8x13.3, 34 lbs. #63-13-150, Used, \$95.00

GENERAL RADIO 1582A VOLTAGE REGULATOR, automatically compensates for AC Line voltage fluctuations; output 115 VAC +/-10%; 7.4x19x16, 90 lbs sh. 85 amps, 90-110% correction, #GR1582A-AL, \$275.00



Diode Heatsink Assembly



with six MR-1815-SL 300 PIV 100 amp diodes; heatsink 2.6x9.4x4.8, 4 lbs sh. #DHS6-1815, \$29.95

SILICON CONTROL RECTIFIER assembly single phase half-wave; GE #C1411CX5 or equivalent. Rating approx 500 V 35 amps. 7x6.3x5, 4 lbs shipping. #KS-19576L1, Used, \$6.95



Rectifiers

DIODES:

1 AMP 50 PIV, #1N4001, 20/\$1.00
1 Amp 400 PIV, #1N4004, 15/\$1.00;
1 Amp 1000 PIV, #1N4007, 10/\$1.00
6 AMP 200V, #MR752, \$1.00
12A 100V, #1N3890, 4 for \$3.00
35A 100V, #1N1184, Used, \$1.00
200 PIV 300 A; 4" tail. #D-R610-0230, Used, \$8.95

RF DIODES: 1N21, \$1.50; 1N23, \$2.50

37V Zener Diode w/ 3/4" stud, #SM-C-745210, \$2.00

HIGH VOLTAGE DIODE 3 PHASE "Y" BRIDGE from 2000 VDC power supply; six submodules each with ten 1N1095 diodes & 5 capacitors series-parallel. 3.3x2.3x3.7, 2 lbs. #1540/ARC-58, \$6.00



NTE Semiconductors

NTE Special Orders Available.

NTE Cross Reference Book, \$9.95

NTE#	DESCRIPTION	PRICE	NTE#	DESCRIPTION	PRICE
2V130	MOV 130V RMA	\$1.97	580	RECTIFIER-600V3A FAST RECORD	\$2.26
85	T-NPN SI GENERAL PURP AMP TO-92	\$0.76	588	DIODE-SI 200V 3A ULTRA FAST DO-27	\$1.76
109	Diode-Germanium Gen Purp 75PRV DO-7	\$0.98	618	DIODE-AM RADIO TUNING DIODE	\$2.50
112	DIODE-SI-UHF TV/MIXER DO-7	\$1.57	778A	IC-DUAL OP AMP 8 PIN DIP	\$3.81
116	RECTIFIER-SI 600V 1A DO-41	\$0.38	941M	IC-FREQ COMP. OP AMP 8-PIN DIP	\$0.87
123	T-NPN SI-AF PREAMP/DRIVER TO-39	\$0.70	955M	IC-TIMER/OSCILLATOR 8-PIN DIP	\$1.86
123A	T-NPN SI-AF/RF AMP TO-18	\$0.89	960	IC-POS VR 5V 1A TO-220	\$3.73
123AP	T-NPN SI-AF/RF AMP TO-92	\$0.71	966	IC-POS VR 12V 1A TO-220	\$3.93
125	RECTIFIER-SI 1000V 2.5A DO-41	2/\$0.89	987	IC-QUAD OP AMP 14-PIN DIP	\$2.48
125-10	Pack RECTIFIER-SI 1000V 2.5A DO-41	\$3.49	1866	IC-LED VU Scale Meter Driver 9-PIN SIP	\$2.14
125-100	Pack RECTIFIER-SI 1000V 2.5A DO-41	\$28.99	2018	IC-8 CHAN CMOS/TTL DR 18-PIN DIP	\$3.06
128	T-NPN SI-AF PREAMP DRIVER TO-39	\$1.30	2331	T-NPN SIHI VLTG Horiz Switch w/ Damper	\$6.57
128P	T-NPN SI General Purpose AMP TO-237	\$1.07	2343	T-NPN SI Darl Power Amp/Switch TO-220	\$1.70
129	T-PNP SI-AF OUTPUT TO-39	\$1.86	2353	T-NPN SI COLOR TV HORIZ OUTPUT	\$6.91
130	T-NPN SI-AF POWER OUTPUT TO-3	\$2.30	2389	MOSFET-PWR N-CHAN HI SPD SW TO-220	\$5.05
135A	ZD-5.1V 1W DO-41	\$0.55	2395	MOSFET-PWR N-CHAN HI SPD SW TO-220	\$5.29
142A	ZD-12.0V 1W DO-41	\$0.55	3041	Opto Isolator/NPN Transistor Output	\$2.11
145A	ZD-15.0V 1W DO-41	\$0.55	4006B	IC-CMOS 18 STAGE 14-PIN DIP	\$3.00
156	RECTIFIER-SI 1000V 3A DO-15	\$0.71	5077A-2	pack ZD-18.0V 1W DO-41	\$1.98
159	T-PNP SI-AF PREAMP DRIVER TO-92	\$0.87	5304	RECTIFIER-SI BRIDGE 400V 1.5A	\$1.73
172A	T-NPN SI-DARLINGTON AMP TO-98/92	\$0.98	5322	RECTIFIER-SI BRIDGE 200V 25A	\$4.34
177	Diode-SI Gen Purp Det 200 PRV DO-35	\$0.99	5332	RECTIFIER-SI BRIDGE 600V 1A	\$1.67
181	T-NPN SILICON AUDIO AMP TO-3	\$5.59	5342	RECTIFIER-SI BRIDGE 600V 40A	\$9.52
184	T-NPN SILICON AUDIO PO TO-126	\$1.50	5344	RECTIFIER-SI BRIDGE 1000V 40A	\$10.97
185	T-PNP SILICON AUDIO PO TO-126	\$2.75	5800	RECTIFIER-50 PRV 3A Axial Lead DO-201	\$0.51
199	T-NPN SI-LO NOISE TO-92	\$1.06	5801	Rectifier-100 PRV 3A Axial Lead DO-201	\$0.76
253	T-NPN SIL DARL 80V HFE-2000 TO-126	\$2.37	5804	Rectifier-400 PRV 3A Axial Lead DO-201	\$1.18
261	T-NPN SIL DARL 80V TO-220	\$2.33	5809	RECT-1000 PRV 3A Axial Lead DO-201	\$2.60
262	T-PNP SIL DARL 80V TO-220	\$2.38	5812	RECTIFIER-100 PRV 6A	\$1.58
263	T-NPN SIL DARL 80V TO-220	\$2.44	5814	RECTIFIER-100 PRV 6A	\$1.84
287	T-NPN SI-HI VLTG Gen Purp AMP TO92	\$0.80	5815	RECTIFIER-600 PRV 6A	\$2.89
289A	T-NPN SI-AF POWER OUTPUT TO-92	\$1.42	5817	RECTIFIER-1000 PRV 6A	\$3.70
290A	T-NPN SI-AF POWER OUTPUT TO-92	\$1.47	6419	SIDAC 110-125V	\$2.76
291	T-NPN SI-POWER OUTPUT/SW TO-220	\$1.79	7407	IC-TTL Hex Buffer/Driver 14-Pin Dip	\$1.57
303-5	Pack HEAT SINK COMP'D 1 GRAM	\$1.72	8085	THERMAL FUSE 87°C	\$1.05
331	T-NPN SI-AUDIO PO/SWITCH TO-220	\$2.41	8090	THERMAL FUSE 93°C	\$1.05
373	T-NPN SI-AF DRIVER TO-126	\$1.98	8098	THERMAL FUSE 100°C	\$1.05
378	T-PNP SI-Power Driver/Output TO-220	\$3.38	8103	THERMAL FUSE 104°C	\$1.05
399	T-NPN SI-VIDEO OUTPUT GIANT TO-92	\$2.30	8118	THERMAL FUSE 121°C	\$1.05
422-2	Pack Insulator Kit for TO-220 Package	\$1.96	8139	THERMAL FUSE 141°C	\$1.05
423-2	pack IC SOCKET 8PIN DIP	\$1.34	8181	THERMAL FUSE 184°C	\$1.05
458	JFET-N-CHAN GEN PURP AMP TO-92	\$1.70	8213	THERMAL FUSE 216°C	\$1.05
506	RECTIFIER-SI-HI CUR/FW/FAST SWITCH	\$1.78	8242	THERMAL FUSE 240°C	\$1.05
519	DIODE-SI FAST SWITCHING DO-35	\$0.99	75189	IC-DTL QUAD Line Driver 14-PIN DIP	\$2.14
552	RECTIFIER-SI 600 PRV 1A DO-41	\$1.39	TP0001	THERMO PAD FOR TO-3 PACKAGE	\$1.66
558	RECTIFIER-SI 1500V 1A DO-41	\$1.54	TP0002-100	Thermo Pad for TO-66 Package, \$17.95	
570	D-SI CONTR AVALANCHE 135V TO 180V	\$1.44	TP0004	THERMO PAD FOR TO-126 PACKAGE \$0.89	
574	R-SI 400V 1A FAST RECOVERY DO-41	\$0.62	TP0006	THERMO PAD FOR TO-220 PACKAGE \$1.22	
576	RECTIFIER-SI 400V 5AMP 35NS DO-27	\$1.54	TP0007	THERMO PAD FOR DO-5 PACKAGE \$1.34	
577	RECTIFIER-SI 1000V 5AMP 70NS DO-27	\$2.97	TP0010	Thermo Pad FOR TO-3PML PACKAGE \$2.20	

Other Semiconductors

2N3716, \$1.95	2N5428, \$1.00
2N3739, \$1.95	2N6292, 2/\$1.00
2N4126, 5/\$1.00	2N6675, \$3.95

REGULATORS

1.2-37V 1.5A out; 0.03% load reg., #LM-117K, \$3.50
30W 3 amp 5V positive regulator, #LM-123K, \$1.95
Negative adjustable regulator, #LM-137K, \$1.95

Metal Oxide Varistors "MOV"

#S14K130 130V \$1.25, #S14K175 175V \$1.50

IC SOCKETS

LOW PROFILE

16 PIN, #ICS-16-LP, 12 for \$1.00
20 PIN, #ICS-20-LP, 10 for \$1.00
22 PIN, #ICS-22-LP, 6 for \$1.00
24 PIN, #ICS-24-LP, 6 for \$1.00

STANDARD

24 PIN, #ICS-24-S, 2 for \$1.00
28 PIN, #ICS-28-S, 2 for \$1.20
40 PIN, #ICS-40-S, \$1.00 each

WIRE WRAP

14 PIN, #ICS-14-WW, 6 for \$2.00
16 PIN, #ICS-16-WW, 6 for \$2.00
18 PIN, #ICS-18-WW, 5 for \$2.00

IsoTop Semiconductors



Power MOSFET, Low gate charge-Fast Switching Rds on 0.180 ohm, Id continuous 40Amps Pd watts 690, Ciss(pf)11715 Qg (nC) 468, removed from equipment, no hardware. Hardware required is metric. 15/16"D x 1 7/16"W x 7/16"H, #APT8018, \$15.00 each

Rds on 0.150 ohm, Id continuous 38Amps, Pd watts 520, Ciss(pf)5540 Qg (nC)242 removed from equipment, no hardware. Same style as above. #APT6015, \$14.75 each

Motorola Switchmode II NPN power transistors. For switching and inductive load drivers. 450VDC 15A 175 watts. TO-3 case. #BUX48A, Unused, \$3.25 each

Motorola Switchmode NPN high gain power transistors for high voltage, high speed switching with inductive loads. 450 VDC 15 Amps 175 watts. TO-3 case. #MJ16012, Unused, \$4.50 each

PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

Heatsinks

Heat Sink Bonanza!!! Get 10 pounds of various heatsinks in different shapes & sizes with or without diodes & semiconductors. #HEAT-10GB, \$10. As above but 25 pounds. #HEAT-25GB, \$19.95



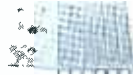
HEATSINK, 6"Lx3.5"Wx1"H; drilled three 7/16" dia holes for diodes, 2 lbs sh. #HS-10169, \$2.50

3x4.5x1.3 for two TO-36, #2T34513, \$1.25 ea

HEATSINK w/diode approx 100 piv 25amp; 5x3x1.3, 1 lb. #WE-H1D, Used, \$2.50

HEATSINK, 5x3x1.6; drilled for 3 large stud rectifiers (1" dia recesses), #3D528-8, \$2.00

2.5x3x1 finned area and 2.1x1.5" flange for TO-3, #THS-88, \$0.85



VRC-12 Suppressor



MX-10237 / MX-2096 Suppressor Electrical Transient for the VRC-12 Radio Set. This circuit protector consists of a standard size 4 pin GRC male connector with a threaded center, indicator light, 2 hole mount bracket, heatsink, and plate which is marked "Danger High Temp 215 degree F". FSN

#5915-01-024-3877. It connects directly to either the transceiver or AUX receiver mount. In some applications it replaces the MX-7778 suppressor. No further data. 3 lbs shipping. #MX-10237, Unused, \$15.00

DC Suppressor

MX-7777 SUPPRESSOR protects vehicle radios VRC-12, VRC-53/64 & GRC-106 from damage by voltage transients. Input 28 VDC; output < 36 VDC. Has 50 amp circuit breakers for Overload & Short; diode overheat protection & manual (BAT-TLE) override. 5.3x7.3x6.8. 7 lbs shipping. #MX-7777, Used, \$22.00



PLUGS (2) for MX7777; #29935-2P, used, \$7.50 ea
PLUGS (1) for MX7777; 4 pin female, #7777-4P, Used, \$7.50

DC Fans

Mini BOXER 12 VDC FAN, 0.13 amp; 3.6" sq X 1". #3610NL, New, \$10.00



PANAFLO MINIATURE 12 VDC FAN 2.3" sq. #FBP-068-12L, New, \$7.95

PAPST 18 VDC 2 w / 30 VDC 3 W FAN 9-blades; 3.5" sq X 1" deep. #3214F, New, \$9.00

CENTAUR 24 VDC AXIAL FAN, 11 watts but operates well at 12 VDC. 4.7"sqx 1.5" D metal frame with 5-blade plastic fan; 2 lbs sh. #CNDC24K4-601, Unused, \$8.95



PAPST 24 VDC FAN, 5 watts. 4.7" sq x 1.2" deep plastic frame with 5 blades. #4314, Unused, \$6.95

AC Fans



3.1" sq X 1.6"D 7-blade mini-fan in metal housing; 115 VAC 50/60 Hz, 2 lb. #TA300, Used, \$8.95

5-BLADE COOLING FAN removed from military power supply; 4.3" dia rotation. 115 VAC 3300 RPM; with capacitor. 2.8"D. #FAN-2054, Used, \$3.50



5-BLADE COOLING FAN, 4.6" dia rotation; no enclosure. Mounting bracket hole centers 5.9" apart. 115 VAC 60 Hz. 2 lbs shipping. Mfg by Airtrol. #11-2100, New, \$4.95

+++++

AXIAL FANS, 4.7" sq X 1.5" thick; 115 V 60 Hz.

5-BLADE in metal frame; 18 W. Various mfg. #FN-5U, Used, \$8.95



5-BLADE as above except .26 amp, #FN-5UN, Unused, \$13.00

+++++

6" DIA AXIAL FAN 115 V 60 Hz 200 CFM; 5-blade in 6x6.8x1.5 metal frame; 3 lbs sh. #FN-6, Used, \$7.95

ROTRON TARZAN FAN, 6.8" square X 4" D plastic frame fan moves 340 CFM of air from 115 V 50-60 Hz 85 watt input; 5 lbs shipping. #TN3A2, Used-clean, \$19.95



6 Fan Panel



17.3"W X 10.5" panel frame has six high output Torin TA450S (or =) 4.6" square 5-blade metal-framed fans. Each fan rated 65 CFM and requires 115 VAC 50-60 Hz 0.11 amps; 12 lbs #6F-PNL, Used-excellent, \$39.50

Hupp Vehicle Fan

12 VDC HUPP FAN with oscillating grill designed for use in cars, trucks, buses, RV's, etc where "extra" air movement is desired. Plugs into vehicle cigarette lighter and mounts on dashboard or other flat surface. White plastic enclosure has black grill and pivots on mount to adjust angle. Includes 4 ft cord and brackets. 5 x 9 x 3.4, 4 lbs. #HUPP-200-14, NEW, \$12.00; 3 for \$30.00



12VDC Fans



12VDC DC Fans with sleeve type bearing. New, 1.6"x1.6"x0.48", 3CFM, #BSS12/4LC, \$3.95
2.4"x2.4"x1.0", 11CFM, #BSS12/6LC, \$4.95
3.1"x3.1"x1.0", 15CFM, #BSS12/8LC, \$4.95
3.6"x3.6"x1.0", 22CFM, #BSS12/92LC, \$4.95
4.7"x4.7"x1.0", 44CFM, #BLS12LC, \$9.95

Selsyns & Synchros

CONTROL TRANSFORMER 90/55 V 60 Hz; 3.6"Lx2" dia. 2 lbs. sh. #1HCT-MKII, Used, \$20.00

TRANSFORMER 90/1V / degree 60 Hz, #23CT6, \$12

RECEIVER, 115 VAC 400Hz, #23TR4, used, \$10.00

2J1H1 SELSYN DIFFERENTIAL GENERATOR operates @ 57.5/57.5 V 400 Hz or @ 26 V 60 Hz.

4.3"Lx2.3" dia, 1 lb. USED-less connector caps, #2J1H1, \$7.00

TACHOMETER GENERATOR, motor 265 V 400 Hz 2 phase; generator 18 V 400 Hz 0.3V/1000 RPM. No load speed 10000 RPM. 2 1/8"Lx1" dia 3/16"Lx1/8" dia shaft. #TACH-SEL-MOD, \$7.95



PHASE SHIFTER, unsymmetrical resolver; rotor 1 phase 5 V 30 Hz. stator 2 phase 5 V 30 Hz. 1.4" dia x 2"L. #PS-17-E-1, used, \$10.00

AY-1 AUTOSYN as used in I-81/ I-82 indicators; 2 lbs sh. #AY-1, \$7.50

UNITED STATES NAVY SYNCHROS, Description and Operation, a copy of Publication #OP 1303 printed April 1958; 100 + page primer about selsyn/synchro theory and types. #BK-USNS, \$12.50

Compass Indicators



3" DIA 0-360 deg-ree RADIO COMPASS INDICATOR, adaptable for wind direction & antenna position use; 5 degree increments, 2 lbs shipping. #I-81, Used, \$13.00

BENDIX IN-4D LEFT-RIGHT INDICATOR, 3" dia WW-2 vintage instrument shows wing-tip position relative to ground; requires 24 VDC. 2 lbs. #IN-4D, \$15.00



SPERRY MARINE INDICATOR MARK XX MOD.2, part of shipboard gyrocompass repeater. Has 8" dia 360 degree scale in 1" increments under glass; uses two Size-5 115 VAC 60 Hz selsyn transmitters. One drives inner directional indicator; second outer degree scale. With 7 ft cable & special connector; 10" dia X 8.5"D; 45 lbs sh. #IN-SPERRY, Unused, \$185.00

R-C Networks



R-C Network - 0.47mfd 600VAC, 220 ohm 7 watt, 3 phase. Made by R-K Electronics. 1.5x4.7x3, #RCY6A-30, \$12.00

R-C Network - 2mfd 600VAC, 100 ohm 3 watt. Made by Electrocube. 1.3x2.9x1.3, #RG1676-7, \$9.95

R-C Network - 0.5mfd 600VAC, 220 ohm 1/2 watt. Made by Electrocube. 1.3x2.9x1.3, #RG1676-35, \$9.75



MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

AC Motors



BODINE AC GEARHEAD MOTOR 200 RPM 1/7 HP 35 in/lb torque, counter-clockwise rotation; 115 VAC 60 Hz input. Shaft 1.3"Lx 5/8" dia w/ 3/16" square key. O/a 8.5"Lx5.6" dia; 14 lbs sh. #ECCI-35E200, used, \$28.95

240 RPM 115 V 60 Hz GEAR MOTOR for intermittent use; starts @ 32 V approx 200 RPM. Increased volts increases torque. Gearhead extends 2.8" beyond motor; 1.1"Lx1/4" dia shaft. Motor 2.8x2.8x2.4 + 5/8"x3/16" dia shaft for fan on rear, 3 lbs sh. #MOL-2460, unused, \$5.95



GENERAL ELECTRIC REVERSIBLE FAN MOTOR, ball-bearing 115 VAC 60 Hz 1 amp 225 RPM motor. Use with fan blades unless cooled by other means. Has mount flanges and 5 mf capacitor; 4.5"Lx5.5" dia + 1.5"L x5/8" dia hollow shaft, 11 lb #5KCP39EGH210, new, \$12.00; 2 / \$20.00



Ametek Shop Vac Motor. This is the very high speed motor used in some shop vacuums. Unit as pictured, motor only with small cooling blades. Shaft approx .5 inch long, 5/16 diameter. 5.3x4.6x4.6, 5 lbs sh. #17749-00, Unused, \$12.95; 3 for \$30.00

115 V AC-DC MOTOR, starts at 25 VDC, runs CW approx 7000 RPM 1/8 HP. 2.3x3x4.5 + 1.5"Lx0.4" dia spiraled shaft; 3 lbs sh. #AC-DC-H02, \$3.00

208VAC 50/60Hz 3 Phase 3400RPM 440ma Blower Motor by Rotron. Has 3/8" diameter x 1 3/4" long shafts on each end. O/A 8x4x3.5, 9 lbs sh. #18935, Used, \$20.00



PRINTER MOTOR ASSEMBLY, 24 VAC 60 Hz geared to about 4 RPM; can be wired for clockwise or CCW rotation. 2.8x2.5" dia motor on 3.8" sq metal plate; 2#. #MIZ-M0375R, used, \$3.95; 3 for \$10.00



DC Motors



AUTOROL MODEL 200 TIMING MOTOR, 5.4 VDC 19.9 RPM; draws about 100 MA with good torque. Shaft 3/8"Lx1/8" dia with flat; o/a 2.5"x1.8" dia. 1 lb. #200-266A, NEW, \$4.75

6 to 24VDC Gear Motor by Globe. Rated at 54 RPM at 24VDC; 23 RPM at 12VDC; and 11 RPM at 6VDC. Originally designed for 24VDC. Removed from the AM-3349 amplifier. 1/4" diameter shaft x 3/8" long. O/A 4.2x2x1.6, 3 lbs sh. #5A2871, Used, \$18.95



DC MOTOR, operates over 10-15 VDC 100 ma 2375-2425 RPM with governor. Shaft 5/16"L x 1/16" dia; o/a 2.9 x 1.1. #AST-GK26, \$8.00

PITTMAN 12 TO 24VDC, 34 TO 75 RPM small motor. Draws around 220ma with load. Shaft is 3/16" dia x 11/16"L. o/a 3.7x1.3, 2 lbs sh. #GM8712D223, Unused, \$15.00



MULTI-SPEED 24 VDC PM MOTOR can be wired for 11500 RPM 0.012 HP 0.7 amp or 3000 RPM 0.033 HP 2.3 amp operation; motor starts to turn at 9 VDC and is reversible. 6"x2.3" dia with 3.6" dia collar; geared shaft 0.6x0.4" dia. 3 lbs. Sperry mfg. #2960031, used, \$8.95

GLOBE 27 VDC MINI-PM MOTOR, p/o Collins 618T P-A; splined shaft 1/4"L x 1/8" dia; o/a 1.7"Lx0.9" dia. #41A205, used, \$7.50



GLOBE 27 VDC 1/100 HP MOTORS, 2.5"X1.3" DIA 11000 RPM, p/o ARC-45, #C-25A686, used, \$7.95

160 RPM DRIVE UNIT w/ clutch has Globe C-25A512 27 VDC 15000 RPM motor and clutch assembly. Motor operates with good torque over 5 to 27 VDC. 160 RPM output on 3/16" dia x 1/2" lg shaft. O/A 3 1/4x 4 1/4x 3 1/2, 3 lbs. #160DRV/618, used, \$8.95



JOHN OSTER SERIES MOTOR, 27 VDC 1/100 HP 7000 RPM. 3"Lx2" dia + 1"L x 1/4" dia shaft; 2 lbs sh. #C2BP1A, Unused, \$3.95

27.5 VDC REVERSIBLE PM GEAR MOTOR, 85 RPM no load speed, 1/4 duty cycle; estimated 75 RPM 100 oz/in torque when under load. Shaft 1/2"L x 5/16" dia with ear. O/a 4x1.3x1.3, 1 lb. GLOBE #5A1231, used, \$14.95



15 degree 4-PHASE VR STEP SERVO, 5 ohms 1.5 A; 28 VDC input pulse 3/4x 1/4" dia shaft; o/a 3x3 1/4x3, 2 lbs. sh. Made in Canada; removed from equipment. #20M34C1, \$10.00



NORTHFIELD ELECTRIC or HAMILTON BEACH, 28.5VDC, 2800 RPM motor. 3.1 amp with 1/40 HP. 1/4" dia shaft with removable gear x 1/2" long. o/a 4" x 2.3", 3 lbs sh., #1-1501, Used, \$9.95



As above but 1/33HP, 3000RPM, 2.5A, #AWC-1000, \$10.00

15 DEGREE STEPPER MOTOR from printer; requires +9 to +40 VDC.

High speed & performance w/ driver circuit info. 1x1.3" dia shaft; o/a 5.8"x1.6" dia, 2 lbs sh. 2 ohm field, #RBM-2-62, \$12.50 4 ohm, #RBM-4-62, \$15.00 5.8 ohm, #RBM-6-62, \$17.00

HONEYWELL 90VDC, 1800 RPM motor. 9 amps at 1 HP. 5/8" dia shaft on each end. One side is 2 3/4" long with the other 3/4" long. o/a 15.8x6.4x6.9, 30 lbs sh., #SR3644-2509-7-56BC, Used, \$125.00



MAGNETEK VARIABLE SPEED 3/4 HP DC MOTOR. 90 VDC 10 Amps 3450 RPM. Rated for CCW rotation comm end. 11.3 x 4.9 dia. 22 lb sh. #22254200, Unused, \$150.00



Motor Start/Run Caps



MOTOR START AC ELECTRLYTIC. New not surplus.

110/125 volt
21-25mfd, #MSC125V21, \$2.98
124-149mfd, #MSC125V124, \$3.48
161-193mfd, #MSC125V161, \$3.69
189-227mfd, #MSC125V189, \$3.88
216-259mfd, #MSC125V216, \$4.15
270-324mfd, #MSC125V270, \$4.52
590-708mfd, #MSC125V590, \$7.73

220/250 volt
21-25mfd, #MSC250V21, \$3.69
30-36mfd, #MSC250V30, \$3.91
53-64mfd, #MSC250V53, \$4.83



MOTOR RUN AC METALIZED. New not surplus.

370VAC
2mfd, #MRC370V2, \$5.90
4mfd, #MRC370V4, \$6.46
5mfd, #MRC370V5, \$6.68
7.5mfd, #MRC370V7R5, \$7.41
10mfd, #MRC370V10, \$8.05
15mfd, #MRC370V15, \$13.68
25mfd, #MRC370V25, \$16.38
440VAC
10mfd, #MRC440V10, \$11.99
20mfd, #MRC440V20, \$18.65
25mfd, #MRC440V25, \$20.85

AC Capacitors

5 mf 220 V 1.8" dia x 4.5; cylind. #AC-5-220, \$2.00
7.5 mf 260 V, 2.8x2x1.3, #AC-7.5-260, \$2.00
3.5 mf 330 V 1.3x2.1x2.1; #AC-3.5-330, \$2.50
15 mf 330 V, 2.2x2.9x4; #AC-15-330, \$3.50
20 mf 330 V, 2.8x5x1.8; #AC-20-330, \$4.00
21 mf 345 V, 3.7x1.8; twin lead #AC-21-345, \$4.00
2.5 mf 360 V 1.2x2x2.6; #AC-2.5-360, \$3.00
3 mf 370 V 1.3x2x2.7; #AC-3-370, \$3.00
5 mf 370 V 1.3x2x2.7; #AC-5-370, \$3.25
10 mf 370 V, 2.8x3x1.8; #AC-10-370, \$3.75
4 mf 380 V 1.3x2x4; #AC-4-380, \$3.50
35 mf 440 V 9x3.5x1.8; #AC-35-440, \$7.00
7.5 mf 480 V 1.6x2.6x4.6; #AC-7.5-480, \$4.00
21 mf 525 V 1.9x3.5x6.7; #AC-21-525, \$7.00
10 mf 550 V 1.9x3.5x5; #AC-10-550, \$5.50
6 mf 600 V 1.6x2.6x4.8; #AC-6-600, \$5.00
18 mf 600 V 2.8x4.6x4; #AC-18-600, \$7.00
27 mf 700 V, 9.3x4.3x2.7, 8 lb #AC-27-700, \$7.50
5 mf 1000 V pk 2.8x6x2, #AC-5-1000, \$3.50

Multi-Section Capacitors

The Multi-Section Capacitors listed below are unused by various mfg. To see a further listing of multi-section caps go to fairradio.com/multis.htm

MFD	Volts	Size	Part #	Price
300-100-80	150-150-150	2.5X1.3	#MULT-300,	\$6.75
80-100-30-10	175-400-400-150	3.8x1.5	#MULT-80,	\$7.00
75-75	300-300	2.5X1.3	#MULT-75,	\$7.25
60-40-40	350-350-350	2.7x1.3	#MULT-60,	\$7.50
40-30-10-50	400-350-300-25	2.5x1.3	#MULT-40,	\$7.00
30-20-160-40	450-450-250-150	3x1.3	#MULT-30,	\$7.00

Multi-Section HV Cap

High voltage and high current multiple capacitor network in a single package. Three sections are rated .05mfd 8KV, .02mfd 11KV, and .5mfd 1KV. Rugged epoxy housing. 2.8x2.3x1.8, 3 lbs sh. Various mfg. #221M230, Used, \$19.95



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Electrolytic Axial

All the Electrolytic Capacitors listed below are axial lead and are new.

16 volts

mfd	part #	price	4-9	10+
6800	ELE-6800-16	2/\$0.70	\$0.25	\$0.23

25 volts

mfd	part #	price	4-9	10+
10	NEH10M25BA	3/\$1.00	\$0.31	\$0.28
22	NEH22M25BA	3/\$1.00	\$0.31	\$0.28
33	NEH33M25BA	3/\$1.00	\$0.31	\$0.28
47	NEH47M25BB	3/\$1.00	\$0.31	\$0.29
100	NEH100M25CB	2/\$1.00	\$0.43	\$0.35
220	NEH220M25CC	2/\$1.19	\$0.55	\$0.49
470	NEH470M25DD	2/\$1.50	\$0.71	\$0.67
1000	NEH1000M25EE	\$0.99	\$0.95	\$0.89
2200	NEH2200M25FF	\$1.79	\$1.69	\$1.59
4700	NEH4700M25HF	\$3.19	\$3.09	\$2.99

50 volts

mfd	part #	price	4-9	10+
1	NEH1.0M50AA	3/\$1.00	\$0.29	\$0.22
2.2	NEH2.2M50AA	3/\$1.00	\$0.29	\$0.22
4.7	NEH4.7M50AA	3/\$1.00	\$0.29	\$0.22
10	NEH10M50BA	3/\$1.00	\$0.29	\$0.24
22	NEH22M50BB	2/\$1.00	\$0.43	\$0.35
33	NEH33M50CB	2/\$1.00	\$0.43	\$0.35
47	NEH47M50CB	2/\$1.00	\$0.47	\$0.43
100	NEH100M50CC	2/\$1.39	\$0.65	\$0.59
150	NEH150M50	\$0.99	\$0.90	\$0.77
220	NEH220M50DD	\$0.99	\$0.90	\$0.77
470	NEH470M50EE	\$1.19	\$1.09	\$0.99
1000	NEH1000M50FF	\$1.75	\$1.68	\$1.57
2200	NEH2200M50FG	\$3.09	\$2.99	\$2.89
4700	NEH4700M50JB	\$5.29	\$5.17	\$4.99

63 volts

mfd	part #	price	4-9	10+
1500	ELE-1500-63	2/\$1.20	\$0.55	\$0.50

160 volts

mfd	part #	price	4-9	10+
10	NEHH10M160CC	2/\$1.59	\$0.75	\$0.69
22	NEHH22M160DD	\$1.19	\$1.09	\$0.99
47	NEHH47M160ED	\$1.64	\$1.54	\$1.44
100	NEHH100M160FE	\$2.19	\$2.09	\$1.99
220	NEHH220M160FE	\$2.50	\$2.35	\$2.15

200 volts

mfd	part #	price	4-9	10+
1	ELE-1-200	2/\$1.20	\$0.55	\$0.50

250 volts

mfd	part #	price	4-9	10+
10	NEHH10M250CD	\$0.99	\$0.92	\$0.82
22	NEHH22M250ED	\$1.49	\$1.44	\$1.37
47	NEHH47M250FE	\$1.94	\$1.86	\$1.75
100	NEHH100M250GF	\$2.79	\$2.69	\$2.59
220	C-ET220-160	\$4.95	\$4.75	\$4.50

300 volts

mfd	part #	price	4-9	10+
1	ELE-1-300	2/\$1.50	\$0.70	

350 volts

mfd	part #	price	4-9	10+
100	C-ET100-350	\$3.50	\$3.25	\$3.00

450 volts

mfd	part #	price	4-9	10+
10	NEHH10M450ED	\$1.27	\$1.19	\$1.10
22	C-ET22-450	\$2.70	\$2.50	\$2.30
47	C-ET47-450	\$2.95	\$2.75	\$2.50
100	C-ET100-450	\$5.25	\$4.95	\$4.50

100mf 16V PC Mt, #ELE-100-16, 4/\$1.00

Mylar

The MLR series is a range of radial lead non-polarized polyester film (Mylar) capacitors dipped in a hard epoxy coating material to provide excellent protection against moisture. These devices are intended for general purpose DC applications.

100 volt

mfd	part #	price	4-9	10+
.0022	MLR222K100	3/\$1.00	\$0.29	\$0.22
.0047	MLR472K100	3/\$1.00	\$0.29	\$0.22
.01	MLR103K100	3/\$1.00	\$0.29	\$0.22
.022	MLR223K100	3/\$1.00	\$0.29	\$0.22
.047	MLR473K100	3/\$1.19	\$0.36	\$0.29
.1	MLR104K100	2/\$1.00	\$0.46	\$0.39
.22	MLR224K100	2/\$1.39	\$0.65	\$0.59
.33	MLR334K100	\$0.99	\$0.89	\$0.76
.47	MLR474K100	\$1.05	\$0.99	\$0.92

630 volt

mfd	part #	price	4-9	10+
.001	MLR102K630	2/\$1.19	\$0.56	\$0.52
.01	MLR103K630	2/\$1.00	\$0.46	\$0.39
.022	MLR223K630	2/\$1.00	\$0.46	\$0.39
.047	MLR473K630	2/\$1.19	\$0.55	\$0.49
.1	MLR104K630	2/\$1.39	\$0.65	\$0.59
.47	MLR474K630	\$1.99	\$1.89	\$1.79

Orange Coating

All the Xicon Polypropylene (Orange Coating type) Capacitors listed below are in new condition.

630V

MFD	Part#	Price	4-9 pcs	10&up
.001	X001	2/\$1.00	\$0.45	\$0.39
.0022	X0022	2/\$1.00	\$0.45	\$0.39
.0047	X0047	2/\$1.00	\$0.45	\$0.39
.01	X01	2/\$1.00	\$0.45	\$0.39
.022	X022	2/\$1.00	\$0.45	\$0.39
.047	X047	2/\$1.50	\$0.69	\$0.59
.1	X1	2/\$1.50	\$0.69	\$0.59
.22	X2	\$1.00	\$0.95	\$0.85
.47	X47	\$1.95	\$1.75	\$1.50

0.33mf 100V orange drop, #OR-33, 2/1
0.1mf 200V orange drop, #OR-1, 2/\$1.

1KV Disc Capacitors

Part #	Price	10-24	25+
3.3pf 9003D3	5/\$0.99	\$0.18	\$0.16
5.0pf 9005D0	5/\$0.99	\$0.18	\$0.16
10pf 90010	5/\$0.99	\$0.18	\$0.16
20pf 90020	5/\$0.99	\$0.18	\$0.16
47pf 90047	5/\$0.99	\$0.18	\$0.16
68pf 90068	5/\$0.99	\$0.18	\$0.16
100pf DSC-100	7/\$1.00	100/\$9.00	
120pf 90112	5/\$0.99	\$0.18	\$0.16
200pf DSC-200	7/\$1.00	100/\$9.00	
220pf 90122	5/\$0.99	\$0.18	\$0.16
330pf 90133	5/\$0.99	\$0.18	\$0.16
470pf 90147	5/\$0.99	\$0.18	\$0.16
680pf 90168	5/\$0.99	\$0.18	\$0.16
820pf 90182	5/\$0.99	\$0.18	\$0.16
1000pf 90210	3/\$0.99	\$0.29	\$0.24
2200pf 90222	3/\$0.99	\$0.29	\$0.24
4700pf 90247	3/\$0.99	\$0.29	\$0.24
7500pf 90275	3/\$0.99	\$0.29	\$0.24
0.01µf 90310	3/\$0.99	\$0.29	\$0.24
0.050µf 90350	\$0.99	\$0.94	\$0.88
0.10µf 90410	\$1.29	\$1.22	\$1.14

Metalized Polyester

All the Metalized Polyester Tubular Capacitors listed below are new.

630 volts

MFD	Part #	Price	4-9 pcs	10&up
.001	PY001	2/\$1.50	\$0.69	\$0.59
.0022	PY0022	2/\$1.50	\$0.69	\$0.59
.0033	PY0033	2/\$1.50	\$0.69	\$0.59
.0047	PY0047	2/\$1.50	\$0.69	\$0.59
.01	PY01	2/\$1.70	\$0.79	\$0.69
.022	PY022	2/\$1.70	\$0.79	\$0.69
.033	PY033	2/\$1.70	\$0.79	\$0.69
.047	PY047	2/\$1.70	\$0.79	\$0.69
.1	PY1	\$1.25	\$1.15	\$1.05
.22	PY22	\$1.25	\$1.15	\$1.05
.47	PY47	\$1.25	\$1.15	\$1.05
.68	PY68	\$1.95	\$1.80	\$1.60

Misc Capacitors

2500mf 3V Can Type 3.5x1, #MC-2500, 6/\$1
10mf 30V axial tant, #MC-10, 3/\$1.
4.7mf 35V drop tant, #MC-47, 3/\$1.
0.1mf 400V case ground, #MC-0.1, \$2.
3.3mf 400V metal. poly prop. #MC-3.3, \$2

FEED- THRU SUPPRESSION CAPS,
ERIE 1202 1KV. #1202-(specify pf),
used: 1000 pf 3/\$2.25; 7000 pf 2/\$2.

DIPPED MICA CAPS, +/-10% 100v;
3/\$1.00 #DIP-(specify pf),
pf: 18 22 27 33 82 150 220 470
2/\$1.00; pf: 750 1000 1200
* 1800 pf 300 v. 3 / \$2.50 *

RF Capacitors

CENTRALAB 850-TYPE
"doorknob" capacitors,
0.5"H x 0.8" di; Used, \$6.
#850-(specify pf),
10, 25, 28, 40, 50, 63, 67, 75 pf (7.5 KV)
80, 100 pf (5 KV)

1200pf 5KV from Ceramite, epoxy make,
same size as above. #CERA-1200, \$6

TYPE 857: 15KV, 40 or 50pf,
#857-(specify pf), \$10.00

33pf 15KV from HEC type HT57, same
size & style as Cent. 857, #HT57, \$10

120pf 7.5KV low profile doorknob, 1.6"
diameter x 0.6 height, #AAH42, \$6.00

25pf 5KV from HEC type MT53, axial
leads, #MT53, Unused, \$5.00

Vacuum Capacitors

All Vacuum
Variables listed
below are 10-
10000pf at 5KV
and have 1/2" dia. shafts. Overall size
7.5" long x 2.8" diameter. Used high
pot tested. 5 lbs sh.
Energy Lab, Ceramic, #EL5-1000-5, \$189
Amperex, Ceramic, #CVC10/1K-5KV, \$200
Jennings, Ceramic, #CVCH-1000-5, \$210
3.5-7 pf 35 KV 4.3"Lx3" dia, 5 lbs sh.
UNUSED, #CVA-7-5, \$55.00

FIXED VACUUM CAPACITORS

various mfg; used:
3pf 25 KV cer.; 3.3Lx0.8, #CY-3-25, \$12
25pf 10 KV, 2.6Lx1.5, #JCS-2A-10, \$15
12pf 20KV; 6.5Lx2.8, #VC-12-20, \$14
150pf 20 kv; 3.3Lx2.3, #CFEA-150-7, \$75

Brown Mica

JAN CM-size 1.8" x 1.6".
Used, \$1.25:

MFD	VVDC	CM	Part #	Price
.02	600	55	BM-02	
.033	600	55	BM-03	
.005	1200	55	BM-005	

F1L-size MICA, 2.8x1.5x1:

MFD	VVDC	Part #	Price
0.006	2500	BM1-006	\$4.00
0.0001	3000	BM1-0001	\$4.00
0.0007	3000	BM1-0007	\$4.00

F3L 0.007mf 500VAC, #BM3-007, \$7.50

Transmitting Mica

G-SERIES TRANSMITTING
CAPACITORS, used-good
or unused as available.

G-1-type, 2.3"H x 2.8" dia; 3 lb \$7.50

KV	MFD	Part#
1.0	0.04	1TM-04
1.5	0.08	1TM-08
1.5	0.039	1TM-039
6.0	0.0002	1TM-0002
6.0	0.00024	1TM-00024

G2, 3.5"Hx3" dia, \$12.00

KV	MFD	Part#
2.0	0.03	2TM-03
20.0	0.00005	2TM-00005

G3, 4"H x 5" dia, \$18.00

KV	MFD	Part#
2.5	0.15	3TM-15
10.0	0.00015	3TM-00015

G4, 5.5"Hx 5" dia. 8 lbs. \$32.00

KV	MFD	Part#
4.0	0.084	4TM-084

HV Capacitors

Energy Storage Capacitors Non-PCB,

88MF 1.2KVDC, 10"H x
4.5"Wx3.5"D, #HVC-88,
Used, \$17.50

5MF 1KVDC, 6"H x
2.75"W x 1.5"D, 3 lbs sh.
#HVC-5, Unused, \$7.50

Energy Storage
Capacitor Non-PCB
8 mfd at 4KV Case
Ground; 8.3x3.5x2 7 lbs sh. #HVC-8,
Removed from equipment, \$14.00

Computer Grade

MFD	Volts	Size	Part#	Price
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Air Variable



5 Gang Air Variable
Capacitor covering 20 to 425pf per gang with a .02" air gap.

Has a 3/8" diameter shaft x 1/4" long. Overall 6.4x3.2x2.8, 4 lbs sh. #5G-425, \$16.00

Same ratings as above except has a removeable right angle drive which accepts a MC-124 tuning spline.



Also has a longer shaft. With the right angle drive removed the shaft is 3/8" diameter with 1" length. #5G-425-GR, \$17.00



3 Gang, 4-25pf, 4-20pf, and 3-17pf. Air gap of around 0.03". 1.4"L x 1/8" diameter shaft.

o/a 4x1.4x1.3, 1lbs sh. #3G-25, Unused, \$6.00

2 Gang, 14 to 78pf and 17 to 100pf with a 0.09" air gap. Shaft size 3/4" long x 1/4" diameter. O/A



5.3x1.5x3.3, 3 lbs sh. #C-221/T-195, used, \$9.95



SINGLE GANG 8-26 pf 0.06" air gap; 2.8" disc removes for 0.5"L x 1/4" dia shaft. W/ four 1.8"H insulators.

Capacitor 1.5x2.8x3.1 o/a #T7660443-8, used, \$6.00

Mini-Variable, 10-220 pf w/ 0.5"L x 3/16" dia shaft; o/a 1x1.3x1.1. #1800-07, \$3.50

Single gang 6-35pf with screw driver adjust shaft. 500V or less. o/a 1.2x0.9x1.2, #1G-35, Unused, \$1.25



--- FM Tuner ---



H-K FM Tuner with AM capacitors, one FET/two transistor oscillator; requires -12V. Shaft 1"L x 1/4" diameter; o/a 3.5x2.3x2.8, 2 lbs

sh. Mfg by Alps. #FB113U13, Unused, \$6.95

-- TRIMMER CAPACITORS --
with screwdrive adjust shafts:
#C653/R174, 2-11pf, 2 / \$1.00
#C2-16, 2-15.7pf, 3 / \$2.00
#C103/382, 4-23pf, 3 / \$2.25
#C5-25, 5-25pf, NPO 3 / \$2.50

Sub-mini Piston Trimmer Cap 1.5-4.0pf 500V. By JMC mfg. #7666, Unused, \$5.00

Resistors

1/2 Watt to 2 Watt Metal Resistors

1/2 WATT		1 WATT		2 WATT	
Ohms	Part#	Ohms	Part#	Ohms	Part#
6 for \$1.00		5 for \$1.00		5 for \$1.00	
1 HW1D0		1 1W1D0		1 2W1D0	
10 HW010		10 1W010		10 2W010	
47 HW047		100 1W110		1.8 2W1D8	
100 HW110		180 1W118		10 2W018	
120 HW112		300 1W130		47 2W047	
220 HW122		510 1W151		100 2W110	
470 HW147		1K 1W210		1K 2W210	
1K HW210		3.3K 1W233		2.2K 2W222	
2.2K HW222		10K HW310		3.9K 2W239	
4.7K HW247		100K HW410		10K 2W310	
10K HW310		240K HW424		100K 2W410	
47K HW347		1M HW510			
100K HW410					
240K HW424					
1M HW510					

POWER WIREWOUND

5 WATT		10 WATT		25 WATT	
Ohms	Part#	Ohms	Part#	Ohms	Part#
3 for \$1.00		up to 1K ohm		2 for \$1.59	
0.1 5WD10		3 for \$1.15		1.0 25W1D0	
0.22 5WD22		1.0 10W1D0		2.0 25W2D0	
0.33 5WD33		2.0 10W2D0		2.0 25W2D0	
0.47 5WD47		2.7 10W2D2		2.7 25W2D7	
1.0 5W1D0		3.3 10W3D3		3.9 25W3D9	
2.2 5W2D2		3.9 10W3D9		5.1 25W5D1	
3.3 5W3D3		5.1 10W5D1		5.1 25W5D1	
4.7 5W4D7		6.8 10W6D8		6.8 25W6D8	
5 5W5D0		8.2 10W8D2		8.2 25W8D2	
10 5W010		10 10W010		10 25W010	
22 5W022		15 10W015		15 25W015	
39 5W039		22 10W022		20 25W020	
47 5W047		27 10W027		27 25W027	
100 5W110		47 10W047		47 25W047	
330 5W133		100 10W110		75 25W075	
1K 5W210		150 10W115		100 25W110	
4.7K 5W247		1K 10W210		150 25W115	
10K 5W310		10 Watt		220 25W122	
		over 1K ohm		1K 25W210	
		2 for \$1.09		2.2K 25W222	
		Ohms Part#		10K 10W310	
		2.2K 10W222		18K 10W318	
		4.7K 10W247			
		10K 10W310			
		2.2K 25W222			

Precision Resistors

DALE (or =)
POWER RESISTORS
metal-type:

Ohms	Watts	Tol.	Part#	Price
1.96	30	1%	PR-1.96	\$2.00
39	15	1%	PR-39	\$1.00
43	250	3%	PR-43	\$4.50
50	20	3%	PR-50	\$1.25
1370	50	1%	PR-1370	\$2.50
1400	120	1%	PR-1400	\$3.50

All the resistors below are 3 / \$1.00

Ohms	Watts	Tol.	Part#	Price
1.5	3.0	5%	PR-1.5	
5	0.33	1%	PR-5	
90	0.50	1%	PR-90	
600	0.25	1%	PR-600	
58K	0.50	1%	PR-58K	
1.04M	0.33	1%	PR-1.04M	

Ohms	Watts	Tol.	Part#	Price
0.33	3	1%	PR-0.33	2/\$1.00
3000	2	1%	PR-3000	2/\$1.00
902K	2	1%	PR-902K	3/\$2.25

Ohms	Watts	Part#	Price
1.67	35 flat	RS-1.67	3/\$2.00
2.5	50	RS-2.5	\$1.00
10	31 Dale	RS-10	2/\$1.00
15	95 Dale	RS-15	\$1.00
22	53 Dale	RS-22	3/\$2.50
1600	43	RS-1600	3/\$2.00
2000	43	RS-2000	3/\$2.00
3000	68	RS-3000	\$1.00
40M	2.5"L x .6"D	RS-40M	\$5.00
80M	6.5"L x .6"D	RS-80M	\$7.00

Slide Resistors

with variable slide adjust:

Ohms	Watts	Part#	Price
4	25 W + 4 fixed	SR-4	3/\$2.25
20	25	SR-20	\$1.00
50	160	SR-50	\$2.50
100	150	SR-100	\$2.50
250	200	SR-250	\$3.00
500	160	SR-500	\$2.50

WARD LEONARD ENCLOSED 40 OHM 300 W vari-resistor; 600 V max. Fits 0.5" dia shaft. 3H x 6.5 #2130-40, \$14.00

DALE 70 WATT 5%
6-RESISTOR BANK, two ea 4 & 7 ohm. one ea 6 & 8 ohm; 6"Lx 3"H. #R6X70W, \$4.50

Rheostats



First set of numbers after RHEO-prefix is wattage; your choice of ohms is second set. SCD= screw-driver adjust type. Style varies; USED or UNUSED:

#RHEO-25W-(ohms), \$1.50 ea
6-scd, 7, 35-scd, 60-scd, 75, 200-scd, 350, 400, 500,
#RHEO-50W-(ohms), \$2.25 ea
0.5, 5, 8, 15, 18, 30, 200, 225, 300, 375
DUALS, \$4.00 ea:
#RHEO-D50W-16, Dual 16 ohm, \$4.00
#RHEO-D50W-35, Dual 35 ohm, \$4.00
#RHEO-DUAL, Dual 50/25 Watt 800/500 ohm, \$4
#RHEO-150W-2, 2 ohm, \$3.50
#RHEO-225W-3, 3 ohm, \$4.00
#RHEO-300W-50, 50 ohm, 3 lbs. \$8.

Potentiometers

ALPS or = with switch; 5/8" dia + term. Shaft 1/4" dia. \$1.00 each:
#POT-10K, 10K ohm
#POT-50K, 50K ohm
#POT-100K, 100K ohm

10-TURN PRECISION POTS, 1/4" dia shafts. 100 ohm #A-R100-L25, 2.8"Hx1.8"dia. \$7

ALPS 10K ohm potentiometer with a pull on / push off DPST switch. 1/4" diameter shaft. Probably good up to 1/2 watt. Used, #N-800, \$3.95; 3 / \$10

Cases & Enclosures



Black Aluminum Slope Front Enclosure. Top of slope stands 3 1/4" and the base of the slope is 1 3/8" tall. 4 7/8" deep x 8 1/4" wide. 3 lbs sh. Unused, #ENC-SLP, \$7.00

ALUMINUM ENCLOSURE with black crinkle finish. Removeable front face with handle. Has a multi-pin connector along with 4 small pin jacks on front face. 8"Dx5.8"Wx 4.3"H, 5lbs #ENC-CU865, used, \$10.00



STEEL ENCLOSURE with metal feet and hasp fasteners. 6.5"Hx9.3"W x5"D; 5 lbs sh. Used. #ENC-RM-39, \$3.00 ea; 2/\$5.00

BZ-277A/G Project Box / Modem. This nice box is actually an old modem, but it has a nice power supply 5v, +12v, -12v. Also has 12 insulated military style push type connection terminals, 6 red/6 black. UTC audio transformers MTC-076 600 ohm 70 ma dc unbal to 600 ohms. +/- .75 db 300 - 4khz, 14.7x10.9x3.9, 10 lbs sh. #CS-277, Excellent condition, \$15.00

INSTRUMENT CABINET for HP- test set; adapt to other uses. 7.6"H x 19"Wx9"D + 4"D cover less 1" overlap; three 6"Hx5"W compartments; w/fasteners & strap; 17 lbs sh. #CS-HP3550, used, \$27

Original electronics removed making these "ripe" for your projects! Black aluminum with handles; no chassis.

0.1" thick front panel has 2x24 2.3"H ventilating slots; rear has four 3" dia holes for fans. 7.8"hx12.8"wx12.8"d, 11 lb. #FPC-ENC, \$19.95



Ideal enclosures for your next project! All items below are black aluminum chassis with dark grey front panels. The top and bottom of each of the units are heatsinked with 1/10" fins. The overall dimension of each unit is 9 5/8" deep x 5" tall. All enclosures have multiple 1/4" diameter holes on the front plate. They differ according to width. Used excellent.

1 15/16" Wide, 3 lbs sh, #ENC-4-2, \$7.50
4 1/8" Wide, 4 lbs sh, #ENC-10-4, \$10.00
5 9/16" Wide, 5 lbs sh, #ENC-8-6, \$12.00

Low profile cast aluminum enclosure. Removeable top. Has some small holes. 5.8x2.5x1.6, 2 lbs sh. #LP-1 used, \$4.95

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Enclosures & Cases



ALUMINUM SEALED DIE-CAST ENCLOSURE.

These enclosures provide effective EMI- and RFI-shielding. The mounting holes and the screws for the lid are outside the sealed area, which prevents moisture and dust from entering the enclosure. New.

2.5" x 2.3" x 1.4", #G104, \$5.74
4.5" x 2.6" x 1.2", #G106, \$8.32
6.7" x 4.8" x 2.2", #G1201, \$23.34
8.7" x 5.7" x 2.2", #G124, \$25.30

Molded Plastic in high-impact ABS, fire-retardant - dark gray. These cases in molded plastic have a two-piece design with a tongue and groove joint between the top and bottom half. Non-scratch surface with a high-quality finish. Guide slots are provided for vertical PCB mounting and slots make horizontal PCB mounting possible. New.



3.5" x 2.0" x 1.3", #G404, \$2.34
4.7" x 2.4" x 1.6", #G410, \$4.46
7.5" x 3.9" x 2.4", #G421, \$9.95



This plastic utility box is molded in impact-resistant ABS and has card guides spaced at intervals of 7.9" to

allow flexibility in the spacing of the components or the creation of compartments. Guides will accept cards with a max. thickness of 0.06". New.

3.7" x 1.9" x 1.5", #G1068, \$2.14
5.3" x 3.0" x 2.0", #G1098, \$2.78

These enclosures consist of high-impact ABS (operating temperature: -40°F to +212°F). The lid and the base equipped with a tongue and groove sealing system with a neoprene gasket. The mounting holes and the attaching screws are outside the seals, which prevents moisture and dust from entering the enclosure. Internal guide slots allow the vertical mounting of PCB assemblies. The guides on the internal base allow the horizontal mounting of PCBs. New.



2.5" x 2.3" x 1.4", #G302, \$4.08
4.5" x 2.6" x 1.6", #G304, \$6.26
6.7" x 4.8" x 2.2", #G313, \$10.82
10.4" x 7.3" x 4.0", #G378, \$26.06

Project Box



12"D x 8"W x 3"H Aluminum Project Box with 17 SPDT two position miniature toggle switches and one

DPDT push-on/push-off miniature push button switch. In addition, it has three sets of red/black dual binding post and a 26 pin female cannon military style connector. 5 lbs. #403D, Unused, \$17.95

As above but w/ mating connector to fit cannon conn. #403D-CON, \$25.00



LARGE ALUMINUM TRANSIT CASE with rounded corners, hasp fasteners & carrying handles; 20.8"Hx28"Wx17"D

including 6"H top. Spot welded compartments + 2 nesting trays; 66 lbs. #CY-3700/PRC-47, used, \$28.00

FIBERBOARD CASE with reinforced steel corners; black vinyl covered. Hinged with two twist-locking hasp fasteners. Foam lined



12.x12.5x11 large compartment plus 3 smaller ones; o/a 18.5x 18.5 x17.5"H, 20 lbs sh. #CS-FIB1818, used, \$17.50



Steel OD Crinkle Finish Enclosure. Hinged top cover. Canvas handle on one side. Inside dimension

6.4"Wx8.5"Dx2.5"H. There is one compartment inside which is 5.4"x 2.5". 5 lbs sh. #ENC-68, Used, \$6.00

Equipment Glides

Military quality for rack mounting; 2"W x

16.5"L; chassis slides have 19" travel. Load rating approximately 100 lbs; 6 lbs sh. #GL-1621, used, \$13.00 per pair

Coils



#C-447 coil for BC-610 xmitter 4.5"L x 4.5" dia; 3 lbs sh. UNUSED, \$12.00

MO & PA TANK COILS from 10 to 12.5 KHz TU-10 TX tuners.

Ceramic coil 5"Lx2" dia on 7"x3.1" mount bracket; #12 wire, 2 lbs sh. USED: #2684/TU10 MO; 2.4 uH, \$4.25 #2697/TU10 PA; 1.35 uH, \$4.00

RF MASTER OSC COILS: pull out of T-22 / ARC-5 7-9 MHz xmitter; #T53/6032, \$4.00

Ceramic 2" Hx1.6" diameter base. #L101/ART13, \$4.00

TELEPHONE PICK UP COIL p/o modem coupler; no info. 5/8x1.8" dia. #403-4, \$1.00

FERRITE CORE INDUCTORS PC mount; 7/8x 3/4" dia. #NV243, 123-177 mH, \$1.50

Small Inductor, 1.5 mH, 1 ADC, 5V, 12KHz, .5 ohm DCR, PC mount. #80063, \$1.95; 3 / \$5.00



Roller Inductors



ROLLER INDUCTOR ASSEMBLY with 115 VAC 400 Hz motor drive, 3.4" lg x 1.75 dia coil; 28 turns #18 wire

approx 14 uH with center tap. Designed to resonate antenna to a transceiver's frequency. 4.5x2.8x3.8, 5 lb used #T301/CU-991, \$7.50

ANTENNA LOAD ASSEMBLY from AM-3349/GRC-106 , includes C26 1000pf at 5KV vacuum variable capacitor, C27

15-355pf air capacitor, 26 1000pf feed-thru caps, L1 0.5 to 40UH variable inductor, L2 37UH fixed inductor, S1 2-deck 5-position ceramic switch and two Globe or = 24 VDC motors. 5.5 x 9.5 x 5.5, 10 lbs sh. #3349-02, Used, \$250.00



PLATE ROLLER INDUCTOR 26 turns #16 silver plated wire 3.7"L x 2" dia coil; 14.5 uH max. 115 VAC 400 Hz motor and 20K ohm multi-turn pot;

will run on 26 V 60 Hz. Can be adapted to direct-drive. O/a 6.8x4x5, 3 lb #L13/ARC-58, used, \$27.95

L5 ROLLER INDUC-TOR, 26 turns #18 silvered wire

2"Lx1.1" dia coil: 8.4 uH max. 115 V 400 Hz motor drive like above; runs on 26V 60 hz. Adaptable to direct drive. O/a 6x3x4.75, 3 lb #L5/ARC-58, \$12.00

ROLLER INDUCTOR KITS includes

4.4"L x 1.5" dia ceramic coil with 40 turns #14 silvered-wire, roller wheel, guide shaft & springs. 3/8" dia shafts have removable pinned gear. End support plates not supplied; #3 #L22-PRC-47, 22 uH, \$16.00 #L35-PRC47,35 uH w/ part slug core \$15 #L40-PRC47,40 uH w/ full slug core \$15

Coil Forms

Small Ceramic Coil Form consists of 35 grooves in a 1.7" space. o/a 3.1"Hx1.1"dia. #CF-5, \$2.50

Small Ceramic Coil Form consists of 10 grooves in a 0.5" space. o/a 1.7"Hx1"dia #CF-1, \$2.00

3 pin Plastic Coil Form which fits BC-611. o/a 0.9" dia. x 1.9"H, #CF-3, 2/\$1.00

Coil Form Assortment has: porcelain inductor core 1 7/8" tall 1 1/8" base has 4 mounting holes. The winding core has 41 grooves for wire 10 holes on flat edge. 3 small porcelain cores with 3 wire grooves. The base has a 6/32 threaded hole. #ND-K1, \$2.75

Ribbon Inductor



VARIABLE RIB-BON INDUCTOR, p/o T-195 2-20 Mhz 100 W xmitter. Two 4.6"L x2.8" dia drums

(one slug core) with 3/16"W silvered-ribbon; 30 turn 4" L coil for 7 to 61 uH. 26 VDC motor rotates drums transferring ribbon from one drum to the other. O/a 8.3x5.6x6.3; 10 lbs sh. #L1101/T-195, Used, \$22.50

Stepper Relays

LEDEX 28 VDC SOLENOID, 8-position 45 deg stroke. Start torque: 5 lb-in 35 W (15 lb-in holding) cont. duty; 32 lb-in 700 W 1/20 duty. 7S-size 2.8" dia x1.9" W; 1/2x3/8" dia shaft. 4 lbs. #S-8210-025, Unused, \$4.95

Sensitive Relays

SENSITIVE RELAY SPDT 6 to 12 VDC 1500 ohms, contact adjust. 2.8x2.2x2.3 1 lb sh. #RM39/1901, used \$1.50

Sealed SENSITIVE RELAY, 50 ohms 28 ma coil; DPDT contacts. Solder hooks; 1x1x2 1/4. #R400-2B-50, \$2.95

ULTRA-SENSITIVE P&B 6 VDC DPDT RELAY, coil 500 ohm res. < 40 mv nom. power. Contacts rated 2 amp @ 28 VDC/120VAC; solder or socket mount. #R10-E1Y2SS500, Unused, \$3.50

RELAY SOCKETS

10-BLADE Relay Socket for track mount of above; pressure screw terminals; 2.8x1.4x2., Weidmuller mfg. 1 lb. #RS-10, Unused, \$2.50

P&B 4PDT RELAY SOCKET w/screw terminals, Rated 5 A 300 V max. #27E166, Unused, \$3.00

REED RELAYS

4-REED RELAY CIRCUIT BOARD, 3 / 500 ohm & one 5K ohm 10-15 VDC relays; also a 26 VDC DPDT sealed relay. #792-312, \$3.00

ELECTROL 5 VDC REED RELAY, low current SPST norm-open contacts; 0.7"x2.5"x0.6". #R4376-2, NEW, \$2.25

SOLID STATE RELAYS

by Opto 22. 3-32 VDC Control, 5-60 VDC operating, 2.3 x 1.7 x .9, NEW, #DC60S5, 5 amps \$8.50

EMAIL US YOUR INQUIRIES AT FAIRADIO@WCOIL.COM

Standard Relays



OPEN FRAME RELAYS with heavy 10 amp silver contacts; mi-calex insulated. 1.8x2.4x1.8,

1 lb sh. **USED-CLEAN:**

DPST NO, coil 115 VAC 60 Hz 400 ohms, #22-4383, \$14.00

DPDT, coil 6.3vac1 ohm, #22-4384, \$16.00

DPDT ceramic, 28VDC coil. #1007-BF, \$8.00

SPDT 9.6-15.8 VDC relay 206 ohm coil; used in GE mobile transceivers. For solder or socket connections. 1x1x3/4. #3SBW1001A2, Unused, \$1.50 each. 24/\$25.00

DPDT 12 VDC 800 ohm coil, 2 Amp cont; socket or solder. #R10-E1-Y2-S800, Unused, \$3.00

DPDT P&B PLATE RELAY; sealed metal can, requires octal socket. 2.5x1.5x1.4, #KR-4175-1, Unused, \$2.00

OMRON 3PDT RELAY, 24 V DC 650 ohm coil, 2 A contacts. 11-pin plug-in/solder lugs. 1 x 1.5 x 0.8; #OM-MY3, \$2.00

P&B 3PST 120 VAC coil, 10 amp 1/4 HP contacts; clear cover, w/socket. #KU-4666, \$3.25

4PDT 12 VDC 185 ohm coil, 2 A 29 VDC cont; w/ socket. 1.1x0.7x1.3; #TF154-CC, \$2.00

DUAL DC COIL each 3PST; one 24 V, other 48 V. PC-mt. 2.8x1.5x1.3; #116-2601, \$2.50

115 VAC 60 Hz COIL 25 amp @ 28 VDC/ 115 VAC contacts; solder terminals. 1.8x 3x1.8; #26S20/2054, Used, \$4.00

K3 Relay removed from the T-368. 380 ohms 115VAC 60Hz. High voltage: SP-NC 2500VDC at 500ma. Low voltage: SPDT 500VDC at 10ma. #K3-T368, \$25.00
See the web for other T-368 relays at www.fairradio.com/t-368.htm

Open frame relay 24VDC 230 ohm coil. 3PST N.O. 10 amps 120VAC / 5 amps 240VAC. SPST N.O. 1 amp 24VDC #DOUX-2055, \$3.95

4PDT 48VDC 3700 ohm coil; 1x1.5x1.7, #MHX4069, \$1.50

DOLLAR DAZE RELAY KIT, five mixed relays 6, 12, 24 VDC and/or 115 VAC. #DD-56-98, \$2.00

Vacuum Relays



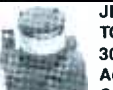
JENNINGS SPDT 26 VDC 270 ohm coil; 12 KV pk AC/DC 15 amps cont. W/ mount flange; 2.3"Hx1.5"dia, 1 lb. #RB-1H Used, \$59.50

SPDT 335 ohm; 3.6 KV pk 18 A AC/DC. Max-open/release:6 ms. 1.3"Hx0.8" dia, used less hardware, #RJ1A-26S, \$45.00

SPDT 8 amps at 2KV Jennings vacuum relay. 26 vdc, 920 Ohm coil. Mounts in 1/2" hole. 1.6" long. One terminal trimmed but usable. #RF1E-26N591, \$25

SPDT VACUUM RELAY ASSEMBLY antenna transfer relay p/o Collins 180L3 antenna tuner; coil 28 VDC 38 ohms. O/a 5x6x2.3, 3#. #K712/180L3, used, \$20.00

Vacuum Contactors



JENNINGS SPDT CONTACTOR RELAY, rated 1 KW @ 300 MHz, 3 KV test.

Actuator 6 VDC. Has 4-pin Cannon power & three SC coax connections. 3.5x3.2 x4, 2 lbs. #RC47R6153M430, NEW, \$75.

JENNINGS SPST VACUUM CONTACTOR for 3-1/8" (78 mm) dia hardline coaxial hook-up; rated 25 KW @ 30 MHz; 20 KV peak test; actuator 19-29 VDC. 4x8x3.8, 7 lbs. #RC10A5225A24, Unused, \$99.00

JENNINGS SPDT RF CONTACTOR for high power transmit and process equipment. 26.5 VDC actuator switch rated 300 amps @ 2.5 KV peak; pk test 10 KV 60 Hz. Sealed enclosure w/ mount flange; connector not available. 5x 5.3 x9.5, 22 lbs sh. #RF20BLDE812H, \$150.00

Contactors



CONTACTOR RELAY, 12 VDC coil & 12 V SPST norm-open contacts; 20 amp. 2x1.8x1.1; 1# #81-2450-1, \$3. 10/\$24.00

SIEMANS CONTACTORS, 80 VDC coils, 2 lbs. NEW: 2 NO+2NC; contacts 230/600 V 3/1 amps. Aux contact 10A 240 VAC; 2.8x1.8x1.8. #3TH12022 \$6.50

8PST CONTACTOR, rated 660 VAC 6 amps; coil 80 VDC. 3x4.5x1.8, 2#. Schindler #MRG-44E, NEW, \$14.95

24VDC CONTACTOR, SPST n.o. 28 VDC 50 amp contacts; 27 ohm coil. 2.5x2.7x 1.8, 1 lb. #MS24166-D1, \$4.75

INTELLITEC SPST Latching type. 12 VDC 50 AMP contactor designed for use in RV's; flange mt. 3.5x 3.5x2.5; 1 lb #01-00055, \$6.50

Coaxial Devices



SPDT Microwave Switch designed for high performance in microwave systems to 12.4 GHz. Has three TNC connections. Requires 24-30VDC. 3x2.70.9, Jay-EI Products #D2-313B008, used, \$40.00

SPDT Advance Metal Products Coaxial Relay. BNC connectors. 28 VDC coil. 1 lb sh. #10CSA1/2-18, Used \$20.00

Coaxial Transfer Relay, 4 BNC connectors which switch from AD BC to AB CD. Allows a preamp or some other device to be switched into a coaxial line or bypassed. 24VDC coil. #10CSA2/2-01, used, \$30



Miniature coaxial SPDT can relay for low level RF switching. Also has VDC contacts. 26.5 vdc 675 ohms. HI-G d'italia #RFK 6396, \$10.00

Same as above, but relay is in metal box with 6 very small coax connectors (SML ??) #RE-612-2, \$12.00

RE-275/AR SPDT Coax Relay, operates over 100-400 MHz, 24-28VDC coil. VSWR better than 1.1; cross-talk better than 60DB. Three BNC connections. 2.5x3.2x1.7, 2lbs sh. #RE-275, Used, \$19.95



Broadband Coaxial Protector by Polyphaser, has male to female type N connections. Frequency coverage is 50MHz to 700MHz. Maximum Power: VHF 375W; UHF 125W. 1.8x2.5x1.5, #IS-50NX-C1, Used Excellent, \$25.00 ea.; 6/\$100.00

Attenuators



ELCOM ATTENUATOR, 10DB w/ SMA conn; Ag-plated, 1.5x0.5" dia. #AT-53-10, \$10.00

VARIABLE 6-STEP ATTENUATOR, ladder network in 10:1 ratio. Attenuates 0.1 V down to 0.1 uv; 50 ohm impedance. BNC input & output connection; shaft 3/4"Lx 1/4" dia with gear drive. Silver-plated; p/o 0.01 to 50 MHz RF generator. 3.5x4.8x3.5, 4 lb #AT101/URM25, used, \$19.00



Alan Industries Fixed Attenuator, 3.0DB at 30MHz and 3.3DB at 1GHz. Has a BNC male on one end and a BNC female on the other. #75SP3, \$12.00

Rotary Switches



DAVEN-TYPE 18-POSITION, continuous turn; 2" dia. Zinc-silver contacts. 1/2x1/4" diameter shaft. #3Z9825-92.2, \$3.00

FIVE-DECK ROTARY, each 2-pole 4-position; bakelite. 4x1.6" diameter; shaft 1/2x1/4" dia #SW-RM39, Used, \$1.25

MINI-ROTARY, 1-pole 3-pos. shorting. 1" dia; 1/8" dia shaft. No hardware #LED-M13-S, unused, \$1.50

ROTARY SW, 1.6" dia bakelite 3-deck 4P 2-pos, #SW-342, \$2.00 2-deck 3P 3-pos, #SW-233, \$2.00

3-Pole 4-Position, #4-pos momentary; 1" dia bakelite. #SW-PRC-10, Unused, \$1.50

TECH-LAB precision, 4 pole 7-position w/ gold-plated contacts; 2-poles 5 amp & two 3 A. Sht 1"Lx1/4" dia; o/a 2.3x2.3 x2.5, 1 lb. #TL-4P7PS, Used, \$5.00

ROTARY SWITCH KIT, six types: multideck & contacts, #RS-KIT, \$2.00

Tap Switches

ELECTRO SWITCH TAP SWITCH, 9 Deck 3 Pole 3-positions: ABEFIJ-BCFGJK-CDGHKL per deck. Rated 7.5 amps 125 VAC; 7"Lx3.8" #ESI265096, Used, \$15.00

2-deck 4-pos continuous turn; 120/240 VAC 10/5 A. Shaft 3/16" dia, LESS knob. O/a 3"H. #LOV-230, Used, \$2.50

THREE DECK 7-POSITION TAP SWITCH w/ screw terminals; 10 amp shorting contacts. 1.8x2.3x1 + 1.3" x 0.3" dia shaft. #ES32303LM, \$3.50

Miniature Tap Switch, 1 pole 7-position rated 1 amp 1x1/2". #MTS-7, \$2.00

Attenuators



ROTARY TURRET 50 OHM COAXIAL ATTENUATORS from Empire NF-105 field intensity meter; to operate pull knob and rotate to next index. Mechanism is spring loaded to engage next attenuator element; 5"Lx3.4" dia, 5 lbs.

0-20-40-60-80 db with BNC female chassis connectors on 7.5" cables. #ATTNF105-0-80, Used, \$24.95

40-50-60-70-80-90 db; female BNC chassis & male N conn on 7.5" cable, #ATTNF105-40-90, \$19.95

One of each attenuator, #ATTNF-105-PR, \$39.50

PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

Bandpass Filters



TUNABLE TWIN-CAVITY BAND-PASS FILTERS, gold-plated cavities have tune knobs, dials, and rear N-connections. Designed for military TRC-24 radio system for specific frequency ranges; usable and/or adapt for civilian purposes. 7x2.5 x9.5, 8 lbs. Used, \$22.00 each.

#F-196, 184-205 MHz #F-199, 224-254 MHz
#F-200, 254-284 MHz #F-201, 284-314 MHz
#F-203, 344-374 MHz

#F-194, 142-163MHz, used excellent, \$45.00

#F-197, 205-225 MHz, unused, \$30.00

#F-204, 374-404 MHz, unused, \$19.95 ea; 2/\$30.00

Line Filters

DELTA EMI 3 AMP FILTER with 3-prong plug; 115/230 V 60 Hz. 2" W mount x 2" D; fits 1" x 0.8" hole. #03GEEG3H. \$1.75

CORCOM EMI 3 AMP filter with solder connections. 115/VAC 50/60Hz. 2.7x1.7x1.2, used, #3W1A \$1.50



TOKIN 250 VAC 15 amps 50/50 Hz with spade terminals; 2.6"Lx1.8" dia, 1 lb. #VG-215F, NEW, \$3.00

2x20 AMP FILTER, 115 to 250 VAC 48-440 Hz; 3.4x1.5x 3.2, 1 lb.
#F-85066, NEW \$3.50; 10/\$25.00; 100/\$195.00

D C FILTER, 55 amps 30 VDC; two stud terminal, 2.8x5 x2, 2 lbs. #537-6615, unused, \$4.95

FILTRON RFI DC FILTER, 3 X 10 amps 28 VDC; 1.6x3x4.5, 2 lbs. #FA-380, Unused \$4.50

Bandpass Filters



F-1482/GRC BANDPASS FILTER, three 30-88 MHz tunable helical cavities with dial locks and 1.5" dia 0-60 Watt meter; switch for 6 or 60 W Phase, Reflected or Forward W. BNC output connection; special RF input connection. Rugged military design; 8.8x2.5 x9, 10 lbs sh. #F-1482, GOV'T-RECONDITIONED, \$65.00; 2/\$100

K & L Tubular Bandpass Filter. Six section filter. 26 MHz BW. 200 watts.

VSWR = 1.5:1. Center frequency is 257MHz. 50 and 75 ohm impedance. SMA male connections on each side. 1 1/4" diameter x 6.8" long. 3 lbs sh. #6B110-257/HQ26-OP/OP, Used Excellent, \$16.00



Bandpass Filter 2.0 - 3.15 MHz. 3"X3/4", #A-251-A, Unused, \$5.00

TUNABLE VHF FILTER for 116-150 MHz at 15 watts. Has two screw-driver adjust ports and two SMC connections. Sealed can; 1.5x5 x3.3, 2 lbs sh. #MFC-2510-1, NEW, \$15.00



Trompeter Cable



Trompeter Cable, 10 inch patch cord with two gold plated trompeter PL150-29 mini patch plugs. Used good condition, #TRMP-1, \$12.00

As above except 2 feet long. #TRMP-2, \$14.00

Selectro Connectors

ADAPTERS

69-174-3264-000 BNC-M to SMC male on RG174 6" \$10
50-675-6801-89 sma to BNC-F bulkhead nickel, \$15
51-175-6801 snap on SMB 75 ohm bulkhead receptical BNC-F, \$7
51-175-0069-22 BNC-F to SMB receptical.bulkhead 5/16 hole gold, \$7



SMA CONNECTORS

50-645-4547-31 jack receptical square chassis 4 hole flange mt, \$2.50
50-647-4504-31 rt angle chassis 4 hole flange mt \$2.50

SMB SCREW-ON

50-128-9511 crimp type 75 rt angle cable receptical small braided coax, \$3.00
50-124-3059 crimp type 75 straight med coax gold \$3
50-153-0000 75 pc mount right angle receptical, \$2.60
50-151-0000 75 pc mount straight jack, \$2.50
50-111-9511 75 rt angle cable plug clamp small coax braided wire gold, \$3.00
50-128-0209 crimp type rt angle med coax nickel, \$2.50
50-128-3059 crimp type rt angle med coax gold, \$3
50-124-0189 crimp type straight plug med coax gold \$3
50-107-3187 straight clamp type small coax gold, \$3
50-107-3059 straight plug clamp type large coax gold \$3



SMB SLIDE-ON BULKHEAD

52-144-0000 75 plug receptical type gold \$2
52-145-0000 75 jack receptical front mt solder term. \$2
52-126-2700 75 jack receptical rear mount crimp small coax, \$2.50
52-126-3187 75 jack receptical rear mount small coax \$3
52-126-0039 75 receptical rear mt med coax, \$2.50
51-144-0000 75 rear mount plug recept. solder term. \$2
52-126-0000 braided small coax 75 straight cable jack \$3
52-126-0029 rear mt receptical very small coax \$2.50
52-144-2700 receptical rear mount, \$2.00



SMB SLIDE-ON CRIMP TYPE

51-124-3059 med coax 50 ohm cable plug gold, \$3
51-126-2700 75 bulkhead jack recept. small coax gold \$4
52-127-0000 75 cable jack braided coax small coax \$3

SMB SLIDE-ON

52-146-0029 50 jack plug chassis mt solder term., \$3
52-151-0000-220 75 pc straight jack receptical, \$2.50
52-146-0000 chassis front mt recept. solder term., \$2

SMB SNAP-ON TYPE

51-151-0000 75 pc straight jack receipt \$2
51-127-0199 cable plug 75 receipt bulkhead med coax \$3
51-127-0000 crimp type small coax 75 bulkhead cable jack, \$2.50



SMC TYPE CONNECTOR

51-010-0000-ai-1 snap on clamp type 50 cable plug braided coax, \$3.00

Bead Terminal

5M75-A-1-9/RRH2H, 100 for \$10.00; 300 for \$20.00

Trompeter



Trompeter Adapter. Has two BNC female connections on one side through patch to two 50 ohm jacks. #J14T-50, Unused, \$4.00

#LPW-75 Looping Plug. 75 ohms. Unused, \$6.00
#J3W Patch Jack WECO-BNC, \$5.00
#J13W-75 Sim J3W Self Term 75 ohm, \$5.00
#AD1W BNC WECO Male Plug fits above, \$5.00

Coax Connectors

#PL-259 UHF Male, Generic, \$1.10 each 10 /\$10.00
#83-1SP-1050, PL-259 by Amphenol, \$2.19ea; 10/\$20
#83-1SP, As above but silver plated, \$3.19ea; 10/\$30
#SO-239 UHF Female, \$1.10 each 10 /\$10.00
#SH-SO239 barrel mount, \$.85 each
#2H-SO239 2-hole mount, \$.85 each
#PL-258 UHF Female to Female, \$1.75 ea 10 /\$16.
#M-358 "T" for two PL259 & one SO239, used, \$1.50
#83-185-RFX, UG-175 reduces PL-259 to RG-58 coax, \$.45 each; 10/\$3.99

CONNECTORS & ADAPTERS: (m) male, (f) female, (bulk) bulkhead, (rec) receptable, (r/a) right angle; (U) = Used, (Un) = Unused.

TYPE BNC: UG-88m (RG-58) U \$.75 ea
UG-260 m (RG-59) U \$.60 UG-290 f panel U \$1.
-274 "T" 2-f to m, U \$.4. -909 bulk U \$1.
-273 to UHF, Un \$2.00 -306 F/A adapter, used, \$1.75
-282 to post \$1.50 UG-913 r/a U \$1.00 -255 UHF-BNC \$3.

BNC "T" like UG-274. Useful around the shop. Nickel plated. #274-T, Un, \$3.00

TYPE N: UG-21 male (RG-8), Used, \$3.00
UG-22D male bulkhead (RG-11), Unused, \$4.00
UG-58 f chassis U \$2.50 UG-27 R/A m-f U \$2.
-536 m (RG-58) U \$2.
-593 f bulkhead for R-59-62, used \$1.50
-1052 f bulkhead for RG-58, used, \$1.50

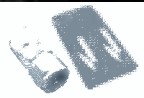
TYPE TNC: Gremer #6000 (m) used, \$1.50 ea
#6177 m R/A Un \$3. #6098 to N f bulk U \$3.

HN: UG-59 U, \$5.00 UG-920 m-f R/A, \$6.
UG-100 m U \$1.50 DA-113 dummy U \$4.00
-109 f/UG-100 \$1.50 UG-643 "C" f-f, \$2.50

Mini-BNC p/o R-390A, #390A-MBNC, used, \$2.50
As above but chassis, #390A-MBNC-CH, used, \$2.50

Helix Type N

Type N male connector by Andrew. Works with Helix FSJ-50B coaxial cable. Comes with tubing for strain relief. Coupling torque is 22-25 in-lb. #F4PNM-H, Unused, \$17.00; 4 for \$60.00



AC Line Cords



Ground Fault Interrupt (GFI) line cord, 12 ft 3-conductor #18 AWG; w/ reset button. #18-GFI, \$2.50

3-COND LINE CORDS:

10 ft flat w/ R-A plug; #14 wire. #14-10FT, \$2.50

BUSINESS MACHINE CORD, 3-blade type w/ AC plug; 6' black, 18 AWG. #HP-NS, \$2.00

16 AWG 3-blade line cord; no AC plug. #16-HP-NP, \$1.95

HEATER CORD type HSJ, 3-cond 7.5' #16 wire; grey molded R/A plug. #HSJ-16, \$2.00

AC LINE CABLE ADAPTER f/ 3-cond plug to 2-cond outlet w/ground; grey. #53-90, 3 for \$1.00

Hook-up Wire

Vinyl-covered hook-up wire, all stranded copper; no color choice. May not have continuous lengths over 1000 ft. Allow 2 lbs sh weight per 100 feet

Part#	Gauge	Price
HUW-12,	12	\$12/100 ft \$99/1000 ft
HUW-14,	14	\$7.50/100 ft \$48/1000 ft \$195/5000 ft
HUW-16,	16	SOLID \$4/100' \$24/1000' \$95/5000'
HUW-22,	22	SHIELDED \$3.50/100' \$22/1K' \$75/5K'
HUW-26,	26	SOLID \$6/500' \$9/1000' \$30/5000'

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Coax Cables

New manufacture to MIL-R-17A specifications. Prices PER FOOT for lengths indicated. In between lengths, use higher price. *Less than 100 ft add 10% to highest price!* #RG-58-(specify feet),

COAX Ohms	100 ft	500 ft	1000 ft	5000 ft
RG-58	53.5	.17	.16	.15

COAX CABLES with connectors from military equipment. USED/UNUSED:
 #CG-409 CABLE, 25 ft RG-58 with two BNC, \$4.50
 #RG-213-1, 16" RG-213 coax w/ R/A N conn. \$5.
 #CG-3444, 42" RG-214 w/ 2 UG-573 "C" conn., \$9.
 #A303892-10, SMA (m): TNC (f) 8" jumper; \$4.50

RG-142 Cable 3' 3" long with type SMA screw on male going to a type N female on the other. The type N female does not have any nuts. Cable is rated for 50 ohms 5000 volt. Diameter of the cable is similar to RG-58. Various manufacturers. 2 lbs sh. #RG-142-3, Used excellent condition, \$6.50

- - - TYPE N - SMA CABLES - - -

From cellular installation:

Type N male to SMA male w/ 12" coax. #N-SMA-12, \$3.50

Type N male to R/A N male w/ 29" coax. #N-RAN-29, \$2.95

Type N female to SMA male w/ 33" coax. #FN-SMA-33, \$3.75

Male BNC to male BNC with gold center pin connectors on a 8 foot long 1/16" diameter coaxial cable. Pinkish cable is marked type CTCFT4. We are unable to find any further specs on the cable. Mfg by Harbour Industries. 1 lbs sh. #CTCFT4, Unused, \$10.00 each; 2 for \$16.00



BNC male to right angle BNC male six foot RG-58 coaxial cable. #CG-1773, Unused, \$5.00; 6 for \$20

BELDEN MIL17/6 RG-11, 375 feet of 75 ohm coaxial cable with male type N connectors on each end. Recommended for HF/VHF antenna phasing coax. 37 lbs sh. #RG-11-375, Unused, \$59.95



Wire Galore !!

#22 Cloth Covered Stranded Hook-up Wire. Color choices: red, red/black, red/green, red/white, orange, orange/black, orange/green, orange/red, blue, blue/white, green, green/black, eggshell, tan/black, white/red/blue, black. PLEASE SPECIFY. #WCC-22-(specify color(s))-(specify feet), \$3.95/10ft, \$5.95/25ft, \$16.95/100ft

Twisted two conductor 22 gauge stranded cable with tin shield. 19 strands per conductor. Has white plastic jacket. Mfg by Brand-Rex. #WT-22, \$29.95 for 500 foot spool

Twisted Twin-Axial RF cable with braid silver shield. Both conductors are 24 gauge with 19 strands per conductor. Cable rated at 77 ohm impedance. Light blue jacket. #WT-24-(specify feet), \$25.00/100ft; \$95.00/500ft

Hardline Coax

Hardline 50 ohm Coax, 3/8" dia aluminum jacket, foam insulated. 9 gauge center conductor. 3/32" dia solid copper wire. 25pf per foot nominal impedance, impedance 50 ohms, 2500 vrms: #HLCX-3/8-(specify feet), \$65/ft; 100 ft/\$56.00 500 ft/\$225.00

MINI-FLEXIBLE HARDLINE COAX CABLE, Belden 1573A (RG-402 50 ohm) with SMA connectors. M=male, F=female, RA=right a ngle

#507-169/170A, two M, 5" Length,	\$9.00
#507-173A, M-RA to M, 11.5" L,	\$11.00
#507-175A, M to F N-chassis conn, 8" L,	\$12.00
#507-176A, two M-RA, 3.1" L,	\$12.50

0.5" dia FLEXIBLE HARDLINE (Cablewave 16733) with male N-connections (1-right angle); Various lengths as noted; 5 lbs sh. #HDL-16733-(length):

6 ft,	\$18.	10 ft,	\$22.
12 ft,	\$24.	15 ft,	\$30.
		22 ft,	\$40.

SDU-5 Wire Kit



Wire Kit provides parts to connect an SDU-5/E flasher to a vehicle (12/24V) battery or wiring. Kit includes the following: Voltage Converter, Adapter, (2) 3/8" Ring Lugs with Wire, (2) #8

Spade Lugs with Wire, (2) Battery Clips with Wire, (4) Connector Splices, (4) 3/8"-16 Nut. (2) 11.5" Cable Tie, 7.25" Cable Tie, and a Velcro Strip. 3 lbs sh. #CK-SDU, Unused, \$10.00; 3 for \$25.00

Heatshrink Tubing

1/16" black Polyolefin. 90°C shrink temp. Made by Sumitomo. #11438-(specify feet). 10ft \$3.50; 25ft \$7; 50ft \$12; 100ft \$20

3/8" Dia. Alpha Irradiated PVC Heat Shrink Tubing, For wire harness jacketing and covering handles, capacitors, and terminals. Rated 105 degree C. 2:1 shrinkage ratio at 175 degree C. 3/8" diameter. #FIT-105-3/8, Unused, 10 ft for \$4; 25 ft for \$7.50



Wire Strippers



Adjustable Cutter/Stripper. Strips AWG 30-10 wire. Adjusts with a screwdriver. High carbon steel. Precision ground cutting surface. #200-007, New, \$4.69

Precision Wire Stripper. Plier type nose. Cutter jaws. Soft grip handles. Spring return. New. For AWG 22, 20, 18, 16, 14, 12 & 10, #200-010, \$7.99 For AWG 30, 28, 26, 24, 22, 20 & 18, #200-001, \$9.29



Wire Stripping Tool. Strips PVC, Teflon & Silicone wires. Aluminum die cast. Strips AWG 22, 16, 14, 12, 10 & 8 wire, #200-003, New, \$14.99

Torque Drivers

Mountz (M) and Torquemaster (T) torque drivers. These are unused / slightly used. Most have had ID numbers engraved on the handle.

(M) - red 3-190 ozf in 2-135 cN.m 1/4 inch hex female drive, #TLS0135-R, Unused, \$39.50

(T) - Standard green, as above, 1/4 sq drive, #TLS0135-G, Unused, \$39.50

(T) - Minor red 3 oz f in - 12 lb f in/200 gm f cm-14kg f cm / 2-135 cNm 1/4 hex femal drive, #TORQ-3, Used, \$19.95



CRIMPER by Thomas Betts with 13470 green

die, and 13471 blue die. With metal carrying case, used excellent, #TBM6, \$195.00

Finger Stock

18" long x 1/2" ht strips of finger stock. Each individual finger has a width of 1/15" and a ht of 5/16". #FS-18, Unused, \$6.95 ea; 4 / \$20.00

Cable Ties

All nylon ties listed below are common locking type and are standard 0.19" width.

#CT-11, bright green 11" long, 25 for \$2.00
 #CT-12, bright pink 11.5" long, 25 for \$2.25

As above except 0.12" width.
 #CT-5.5, Black 5.5" overall length, 50/\$4.; 100/\$6.50
 #CT-5, Natural 5" overall length, 50/\$4.; 100/\$6.50

As above except 0.06" width. Bundle dia. is 5/8".
 #CT-4, Black 4" overall length. 50/\$3.00; 100/\$5.00
 #CT-4.5, Natural 4.5" overall length. 50/\$3.; 100/\$5.

Tie-Down Nylon Cable Tie - Ideal for fastening wiring or harnesses to chassis or mechanical assemblies. Accepts #10 screw. Maximum bundle diameter of 1 1/4". Overall length of 6". Standard 0.19" width.
 #TCT-6B, Black color, 50/\$5.50; 100/\$8.00
 #TCT-6N, Natural color, 50/\$5.50; 100/\$8.00

Nylon Marker Cable Tie. Overall length of 4.5" length. 0.06" width. Natural color.
 #NMCT-4.5, 50/\$5.00; 100/\$7.50

CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

Cell Phone Parts

CELLULAR PHONE PARTS BLOWOUT. We have available bag type cellular phones, dead, "as is". For parts/experiment use. These are older large cellular phones with many useable components for the radio experimenter or various electronic applications. These units contain filters, crystal oscillators, power amplifier, surface mount components. Microphone, speaker. Nice Extruded aluminum case: 5.7x1.2xX6.3. #PH-CELL \$10; 4/\$30



DC Load Panel

"Loaded" with prime "clean" parts for DC power projects! Panel includes:

- * 0-30 VDC METER.
- * 0-30 DC AMMETER.
- * 4 ea 50 MV SHUNTS.

* 4 RHEOSTATS: 2 ea 225 W 3 ohms, 2 ea 150 W 2 ohms. * 12 Circuit Breakers: 4 ea 32 VDC 8 amps 8 ea 32 VDC 20 amp. * 12 ea 1N1184 DIODES. * 4 ea 2.4" dia KNOBS and other parts. Panel is sold "less its On-Off and 4 STA selector switch. 18.8x23x6, 30 lb. #DAV-LCP, \$49.00 Manual Repro for above, #MM-DAV, \$10.00

ILS Modulation Meter

FAA type Modulation Meter Excellent parts unit for experimenters / hobbist. Has RF meter, 3 segment (or digit) LCD display, count up/down circuitry, glide slope and localizer osc. modules, mixer, freq. processor, open frame chassis, sturdy case. w/ cover 14x9x12, 20 lb. #FA-9438, \$25.00



Experimenter's Paradise

Motorola Control Receiver???? Great experimenter item. We have seen them in the past in some cities at intersections and believe their purpose was to intercept traffic signals when emergency vehicles needed to pass. Transistorized receiver covers 139.65 MHz with a five section preselector, crystal controlled oscillator and Vibrasponder® tone detector which allows a SPST relay to be actuated by a tone in 600 to 800 Hz range. SPECIFY if tone-match required. Receiver is housed in a plastic protective case. Power required 24 VAC. Has internal transformer and power supply. 7.2" dia. x 6" Ht, 5 lbs sh. #15D82032, \$7.95 each 4 for \$25.00

Control Receiver

Scientific Atlanta Power Control Receiver Model DCU-1051B-01-00-S Series DCU-G-1530. Originally used by power companies to allow radio control of power usage. The units have receivers in the 150 mhz range as well as a 6 VDC contactor rated for 240 VAC 30A resistive. They are programmable and will work on the General Electric code format and/or the SA-105. Power transformer 240 VAC secondary approx 6 Vac. The weather resistant plastic case with gasket and snap closure is excellent for outdoor projects. Has molded on wall mounting brackets. Internal dimensions 9.5x7.4x3, 5 lbs sh. #DCU-1051B, Unused \$15.00 each; 3/\$33.00



Cooling Modules

PELTIER THERMO-ELECTRIC COOLING MODULE 3A 15.4V 149F. Melcor type: CP1.0-127-06L. I max.: 3A. Delta T max.: 65--C. voltage: 15.4V. Q max.: 25.7W. Number of couples: 127. Size: 1.2" x 1.2" x 0.14". 1 lb sh. #PELTIER1, New, \$13.95

PELTIER THERMO-ELECTRIC COOLING MODULE 6A 15.4V 153F. I max.: 6.0A. Delta T max.: 67--C. Voltage: 15.4V. Q max.: 51.4W. Number of couples: 127. Size: 1.6" x 1.6" x 0.15". 1 lb sh. #PELTIER2, New, \$14.95

Radiosondes

VAISALA RADIOSONDE, ultra-light disposable transmitter (400 MHz approx) is designed to be carried aloft by weather balloon and transmit data for air temperature, barometric pressure and humidity to a ground station. Consists of circuit board, dipole antenna, and trailing wire. Requires 9 V battery. Cute experimenter item! 12.5"H as shown; 3 lbs sh. #RS80, NEW, \$9.95 ea; 5/\$42.50

Radiosonde mfg by VIZ, transmits on 403 MHz RDF modulated signal; includes battery and separate antenna assy, transducer polishing cloth, baroswitch pressure calibration chart, and instructions. 4.8 x 3.8 x 12.3, 4 lbs sh. #ML659, Unused, \$12.95

AMT-4 Radiosonde Modulator originally was raised by a balloon into the sky to measure atmospheric conditions. Comes w/ barometric unit only. Atmospheric pressure range 1060 to 5 mb(millibars) Resistive temperature element temperature +60 to -90 d C. With schematic. #MD-147, Unused, \$8.95

Newer version of above. No data, but expect the ranges to be about the same. #MD-210, Unused, \$8.50

Original manua AMT-4A. #MM-AMT-4A, \$15.00

Dehumidifier Control

HONEYWELL DEHUMIDIFIER CONTROL as used in home dehumidifiers. Plastic element tape senses humidity and "opens" normally-closed 120 VAC contacts; has variable control. 1.8x4.5x1, 1 lb. #H46A1103, unused, \$2.95

Mini Pump

12 VDC IMMERSION PUMP, probably from auto/RV market; 3/8" dia outlet moves about 1 gallon/minute. Operates on higher voltages with increased flow rate for short periods: @ 24 VDC, 1.5 gal/min; @ 35 VDC, 2 gal/ min. For non-flammable fluids only because fluid flows thru motor acting as lubricant. Use in fountains, solar water or science fair projects; 4"L x 1.5" dia, 2 lbs. #HAR-12V-IMP, NEW, \$6.95

Motorized Lens

MINOLTA MOTORIZED LENS, focal length 3 mm with 6 mm zoom assembly; probably used in copy machine. Front coated lens diameter 60 mm; rear 15 mm. Focus and zoom mechanism each has small DC gear motor which operates at about 30 RPM @ 5 VDC or 60 RPM @ 10 VDC. 5.5x5.5, 3 lbs sh. #LENS-36-98, unused, \$20.00; 3 / \$50.00

Military Flashlight

MX-991/U FLASHLIGHT official rugged right angle military type made in USA. Operate from two "D" cell batteries (not included). Clear diffuser, red signal, and white opaque spare lenses store in handle; metal belt clip. O.D. green plastic; current issue, 8.3"Lx2" dia. #MX-991, New, \$9.50

X-10 Controller

Leviton Manual Controller. Used to control light and appliance modules. Compatible with Radio Shack and Home Safe remote devices. Can control 255 "X10" device codes. Unit has 16 Unit Code Buttons. Also, has 6 Command Keys: On, Off, Bright, Dim, All Lights On, and All Off. The controller is equipped with a key-operated lock-out switch that can be set in the "ON" or "OFF" position. The controller will transmit command signals to modules in your control system only if this switch is keyed to the "ON" position. Key pad mounted in sturdy steel case. Requires 120VAC 60Hz. 8.3x6.7x4.5, 7 lbs sh. #X10-6242, Unused, \$9.95 ea, 2 / \$18.00, 4 / \$32.00



Weaver D6 Scope

Quality 6 power scope fits common rifle mounts. Unfortunately scope is without cross-hair. Still a nice low-cost spotting scope! 12.3" long, 2lbs. #SCOPE-D6-U, Used, \$7; #SCOPE-D6-UN, New, \$12



Grab Box

ASSORTMENT of used and unused commercial and government electronics parts such as assemblies, motors, coils, transformers, chokes, circuit boards, capacitors, resistors, and other usable items. Packed in 50 lbs cartons: #GRAB-ASST, \$12.00 ea; 2 / \$21.00

Allow for shipping charges!!



Pressure Blow Gun

ARO Pressure Regulated Air Blow Gun. Has a primary pressure of 250 PSI and a secondary pressure of 29 PSI. Temperature Range is 32 to 175 degree farenheit. Designed only for compressed air. 2 lbs sh. #ARO-8338, Unused, \$6.95



Electronic Ignitor

Fenwal Automatic Electronic Ignitor. Input 12 VDC. This looks like an ignitor for an oil furnace as it puts out a HV spark. Maybe neat for experiments. BE CAREFUL. 5.25 x 4.75 x 3 overall. 3 lbs sh. #05-159901-003, Unused, \$9.95 each



J-37 Key & Leg Iron

J-37 Key with a KY-852 leg iron attached for field use. Comes with cable with a U-229 connector. 3 lbs sh. #J-37-U, Used, \$25.00; #J-37-UN, Unused, \$39.50



PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

ECG Chemicals



Jet Air Cleaner, 10 oz, #RX1100, \$8.55
 Electronics Contact Cleaner, Degreaser & Wash, 20 oz, #RX400, \$11.59
 Electronics Contact Cleaner w/ Lube, 5 oz, #RX500, \$8.26
 Electronics Wash, 32 oz, #RX3200, \$6.99
 Antistatic Circuit Refrigerant, 10 oz, #RX100, \$8.55
 Heavy-Duty Flux Remover, 20 oz, #RX600, \$10.49

60 Second Timer

RHODES 60 SEC TIMER, times from 2 to 60 seconds; bell signals time elapsed. 3" dia plastic case; 1 lb. sh. #56414, NEW, \$2.50 each.



Remote Controls



EMERSON MULTI-FUNCTION REMOTE CONTROL SET, intended for use with ceiling fan & light, but receiver circuit board and push-button remote transmitter should adapt to experimentation and your projects. Originally one button brightened light and other two controlled speed of special AC motor (not available). Circuit board outputs to motor are fixed voltages with sequence and voltage dependent upon positions of four switch DIP code switch. Sixteen codes possible; remote actuates sequence. Receiver is not isolated from power line so extra care is necessary when working with this device. Transmitter requires 9 V battery (not supplied). Hook-up info included; #RC-5100/1, new \$15.00

Neoprene Gloves

Stanzoil Knit-Lined Neoprene Gloves. Multi-purpose chemical, abrasion and temperature resistant liquid-proof hand protection with durability and flexibility. Soft interlock knit lining insulates from heat and cold, absorbs perspiration, and provides easy on/off. Neoprene coating resists a broad range of chemicals. Non-slip "roughed" grip. Mfg by MAPA Professional. New, \$4.50 pair; 4 pair for \$12.00



Please specify model number when ordering. Sizes available:

Small: #S-432; Medium: #M-420
 Large: #L-408; Extra Large: #XL-348

Teletypewriter



AN/UGC-129 Tactical Teletypewriter, full duplex teletypewriter has 16K RAM and QWERTY keyboard with Edit, Mode Select, and Memory. Printer speed 120 CPS: 69-80 character line, single or double line feed. 64-character ASCII

subset; ITA5 or Baudot codes. 8 baud rates 45.5 to 2400. Uses paper rolls 216 mm W x 127 mm dia friction feed, single or multi-copy. Requires 115/230 VAC 47-400 Hz; connectors not available. 9.5x15 x18.5, 52 lbs. #UGC-129, Used repairable, \$49.50

Manual repro f/ later model (useful), #MM-UGC-129, \$35 w/ set

Military Badge

Dark navy blue background with gold color "wings and propeller". 3" diameter. Unused, #B-3, \$3.00



VICES



VACUUM TABLE VISE WITH STANDARD HEAD. Turns and rotates in all directions. 75mm jaws with protective detachable pads. Opening 70mm. With vacuum base: easy to mount on all flat surfaces, can also be mounted with screws. 5lbs. 7.3x6.2x6.2, #VTTV, New, \$24.50

TABLE VISE WITH STANDARD HEAD. Professional quality for this metal vise for table-screw mounting. Jaw opening 3.0". Rotates 270 degree. Equipped with a fast mounting system. Height: 12.0". 6 lbs sh. #VTTV2, New, \$29.00



Calling Card Timer



TELECOSTER I TELEPHONE METER, ideal for keeping track of the minutes expired on your calling card or for keeping "tabs" on the length and costs of long-distance phone calls. Initial

and secondary rates/period are programmable using the numeric plus 6-function keyboard. LED display shows cost/period plus elapsed time hr-min-sec. Also display flashes 15 sec before rate change and has X60 speed-up time so maximum acceptable charges can be determined before call. In sturdy, beige plastic case. Requires 115 VAC 60 Hz; 2 lbs sh. #TELECOSTER1, Unused, w/ info, \$8.00; 3 for \$15.00

Barcode Reader

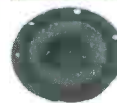
TransTerm 5 barcode reader by Computerwise. Model #TT5a-28, still shown on their webpage. Unit has two line display and RS-232 output. No software, but there may be some compatible shareware. The units pass self test. Unit has membrane keyboard and unit is well sealed. Includes keyboard, high quality metal wand, transformer, and info. 1.8x7x6.1, 4 lbs sh. #TT5a-28, Used, \$24.50



Copperclad Board

Copperclad Board for making printed circuit cards. Phenolic backed; 0.07" thick, 1 lb #PH-4x18, 4"x18", \$7.5; 4/\$2.50; 10/\$5.00

Ring Magnet



3.5" dia x 5/16" thick MAGNET with 1.9" dia open inner circle lifts about 8 lbs. 5" dia metal casing has mount flange to protect and isolate magnet; two wires attach to spring-loaded contacts. Use as magnetic antenna mount or in robotic, audio or science projects; 2 lb #MAG-S91, \$3; 5/\$10

PSS-11 Metal Detector

(Polan P153) transistorized unit uses 2500 Hz signal in mutual inductance bridge circuit to detect metal objects that cause an imbalance in the 9"x11" search head's magnetic field; disturbance is heard in operator's headset. Handle adjusts 29"-57" L. Also control pack with canvas bag & 7.3x24.5x16.5 transit case. Requires 7.3 to 10.8 VDC battery (BA-1389 5.1"Lx 0.6" dia) 35 lbs. #PSS-11, Used-not tested, \$75; Manual repro, #MM-PSS-11, \$10



Ritchie Compass



Ritchie Compass RU-90 has 5 degree increments. High-visibility blue 3" dial with extra large numerals. Flush mount sailboat racing style. Has 45° lubber lines and internal gimbals. Black in color. 4 lbs sh. #RU-90, Unused, \$125.00

Aircraft Sextant

Sextant w/ periscope used in larger military aircraft to determine nightflight position relative to the stars. Has eyepiece with cup to view through right angle periscope with bubble level. Controls increase bubble size and adjust lens diffuser plus filters red, green & polarized. Also mechanical timer, 3-digit 100-turn counter dial, & transit case. Requires 28 V AC-DC for lights: 8"Wx13"Hx5.3"D, 23 lb #MS28011-1F, used w/ fiberglass case, \$59.50 #MS28011-NB, used, no case, no bubble, \$29.50



Aircraft Gyros



LEAR 3-AXIS RATE SENSOR with three #2157HB rate gyros; 3.4x6.4x6, 9 lbs sh. Lear mfg. #2162C, \$175.00

CN-708A / GG53A1 Vertical Gyroscope. Gyro Motor: 115V 400Hz single or three phase. Erection Motor: 26, 30, or 115V 400Hz. Synchro Pickoffs: 26V 400Hz input. 11.8V 400Hz line to line output. Caging Circuit: 28VDC. Outer Axis Rotation: unlimited. Inner Axis Rotation: +/-85 degrees. Erection Rate: 2 - 5 deg/min. Accuracy: 0.15 degree of true vertical. Synchro Accuracy: +/-6 min. Pictured with removed top cover. 9.6x6x5.3, 10 lbs sh. #CN-708A, Used, \$49.50



Auto Brake Light



AUTOMOBILE BRAKE LIGHT, 5.5" W x 2.8" H red lens on black plastic stand; top swivel adjusts light angle. German mfg; o/a 7.5"H 2 lbs. #BL-G10005, NEW, \$2.95; 4/\$10.00

Choke Cable

Six foot choke cable with knob with 2 inch pull. 2 lbs shipping. #CHEX-CBL, \$5.00



Auto Test Sets

HEYER AUTOMOTIVE TEST SETS from the 1950's with 4.5" chrome-rimmed meters! Nice addition to a car collector's display or for experimentation! Not Tested!

MODEL 337 TACH / VOLTMETER, ranges 0-1000 & 0-5000 RPM and +/- 0-18 VDC. Amplifier button plus socket for timing light. With tubes 0A2 & 2D21; 6 or 12 VDC use. 13x5x5, 9 lbs. #AUTO-337, Unused, \$24.95

MODEL 336, same as 337 except also has Spark Advance Meter with 0-30 Distributor degree and 0-60 Crankshaft degree scales. With tubes 2/ 0A2, 2D21, 6AL5, 6AU6, 5696; 12 lbs. #AUTO-336, Used, \$27.95

TV / FM Attenuator

75 ohm TV/FM Attenuator by Blonder Tongue Labs stock #4890. 0-890MHz with two F connectors and adjustment for attenuation. #4890, Used, \$8.00



EMAIL US YOUR INQUIRIES AT FAIRADIO@WCOIL.COM

DC Voltmeters

FS=2 VDC, 0-20/80 MA scale; 2.5" rd sealed. #VDC-2, Used, \$5.95

FS=5 VDC, scale 0-1.5 A & 0-300 MA; 2.5" rd. #VDC-5, Used, \$5.00

FS=5VDC, 0-5/0-10maDC, 3.5" rd, #S00-5V, Used, \$12.00

ES=5VDC, 5-0-5/10-0-10maDC, 3.5" rd, #S00-5-0-5V, Used, \$13.00



DATA TECH 0-20 VDC DIGITAL PANEL METER, uses Sperry 7-segment 0.5"H

readouts. 10 meg ohm imped.; auto-polarity, OVP. Requires 115 V 60 Hz. Units have "weak" displays and/or "bad" segments. 1.9"Hx4"Wx5.5"D, 3 lbs. sh. #5313-220, "AS-IS", \$10.00

POLARAD Mfg. FS=100 V DC, 0-100-500 scale, 4"W x3.8"H. #M2/TV13, \$8.95



FS=150 VDC, 0-1500-5000 sc. 4"Wx3.8"H. #M4/TV-13, \$8.95

150-300 VDC expanded scale, 4 1/2" rd, black face, Weston 760, 500 ohm/Volt, #VDC-300, Unused, \$10.00

0-20 KV, FS = 1 MA; 2.5" rd black, #VDC-20KV, Used, \$7.00

High Voltage DC 3 1/2" round panel meters removed from equipment. Each panel meter listed below comes with the associated large multiplier resistor creating full scale indication as shown below.



0-1KV, #S00-1KV, \$17.95
0.9-3.4KV, #S00-3.4KV, \$18.95

Analog DC Voltage Panel Meters, New, \$8.95 ea.
15V, 2.4"x1.9", #AVM6015
15V, 2.8"x2.4", #AVM7015
30V, 2.4"x1.9", #AVM6030
30V, 2.8"x2.4", #AVM7030

AC Voltmeters

0-2 VAC, 2 1/4" rd white face, Non-linear, #VAC-2, used, \$4.95

5.6-7.0 True Volts RMS, 3.5" rd, #S00-7V, Used, \$10.00

0-10 VAC 2.5" rd, #VAC-10, Unused, \$6

VTVM Meter 1-10 VAC scale expanded with 3.5 V centered; also 0-20 DB. 4.5" rd. #0899, Unused, \$6.95



Analog AC Voltage Panel Meters, New, \$8.95 ea.
150V, 2.4"x1.9", #AVM60150
300V, 2.4"x1.9", #AVM60300

Shunts

FS=50mv:
30 amps, 1.3x2x1.7, #SH-30, Used, \$6
200 amps, 1.4x6x0.8, #SH-200, Un, \$4

High Current Weston DC Generator Shunts. 50mv. Used, minor corrosion.
400 amp 4 lbs. #SH-400, \$25.00
500 amp 3 lbs. #SH-500, \$25.00
800 amp 4 lbs. #SH-800, \$25.00
1000 amp 9 lbs. #SH-1000, \$35.00
2000 amp 13 lbs. #SH-2000, \$40.00

DC Micro Amps

FS=50 UA DC, scale -30 +150 w/ "0" center; 2.5" round sealed. #TRC30150, \$4.00

FS=100 UA DC, sealed 3.5" rd, Red-Green-Red, #UA-100, Used, \$6.00

ES=100 UA, 0-center Null scale; 2.5" rd. sealed. #UA-100-ES-2.5, Used, \$6.95

ES=100 UADC, 3.5" rd, Scale -10 to +10 %, Black face, #UA-100-ES-3.5, Used, \$6.00



FS=200 UA, 0-50 Null Meter 4.2"H X4.5"W; Simpson-style. #UA-200, New, \$10.

500-0-500 UA DC; 3.5"W X 1 3/4"H HOYT mfg. Scale: -50/-100-0-+50/+100 maDC, -25-0-+25 VDC. #UA-500-ES, Unused, \$9.95

DC Milliamps

FS=5 MA DC, 0-150 VDC scale 3.5" sq. #MA-5, Used, \$6.95

FS=25 MA DC, 0-25/100/200 scale; 2.5" rd. #MA-25, Used, \$5.95

50-0-50 MA DC, 3.5" dia; Weston 301 or =, #MA-50-ES, Unused, \$7.00

100-0-100 MA DC, 3 1/2" rd Weston 301, #MA-100-ES, Used, \$5.95

150-0-150 MA DC, 3.5" round Simpson. #MA-150-ES, Unused, \$7.95

Analog DC Current Panel Meters, New, \$8.95 ea.



50mA, 2.4"x1.9", #AIM6050
100mA, 2.4"x1.9", #AIM60100
500mA, 2.4"x1.9", #AIM60500

DC Amps

EDGEWISE METER 0-8 A DC; 1.9"W x 3/4"H; #D2588, \$7.00

FULL SCALE = indicated:

ES=45 ADC, 2.2" rd, Automotive, Black face, #ADC-45-ES, \$8.00

FULL SCALE = 50 MV:

0-15 ADC 3.5" rd black, #ADC-15, \$7.00

0-30 ADC 2.5" rd, used, #ADC-30, \$6.95

0-500 ADC 4.0"Hx 4.5"; Mfg by Weston. #ADC-500, Used, \$10.00



Analog DC Current Panel Meters, New, \$8.95 ea.

3A, 2.4" x 1.9", #AIM603000
10A, 2.4" x 1.9", #AIM6010A
5A, 2.4" x 1.9", #AIM605000
5A, 2.8" x 2.4", #AIM705000
30A, 2.4" x 1.9", #AIM6030A

AC Amps

FS=1 Amp AC, scale % Rated Current; 3.5" rd sealed, #ACA-1, \$5.95

FULL SCALE = 5 amps AC; transformer required for indicated scale (not available):
0-125 A, 3.5" dia. #ACA-125, \$9.00
0-150 A, 2.5" dia. #ACA-150, \$8.00

0-100-200 AC AMPS FS=5 A GE-YOKO 2.5" sq. #ACA-200, \$8.95

Various Meters

- - MATCHED METER SET - -



Has 3.5" dia sealed meters 0-15 VDC and 0-12 ADC w/ shunt. #M15V-12A, Used, \$20.

- - - - RF AMMETER - - - -

0-10 ANT-CURRENT (750 RF MA), 2.5" rd. #RFA-750, Used, \$10.00

- - - - - DB METER - - - - -

-4-0-+6 DB 1 MW, FS= 1 MA; 2.5" rd sealed, #DBM-4-6, Used, \$4.00

-6-0-+3 DB, FS=200 ua 2.5" rd sealed; #DBM-6-3, Used, \$4.95

- - METER ASSORTMENT - -

Seven U.S. mfg meters 2 1/2" x 3 1/2" - up; mixed odd scales, FS-100 ua and up-- no choice; 3 lbs sh. #MTR-ASST, \$10.00

- I-70 B TUNING METERS -

"Tune for Max" meter used in many WW-2 radio remote control boxes such as BC-311, BC-434 & C-4/ARN-7; 2.1x2.1 x1.6, 1 lbs. #I-70B-TM, Used, \$10.00

- ART-13 PLATE METERS -



Original PA Plate Panel Meter from the ART-13 transmitter. Full Scale equals 1maDC. 2 1/2" round. Black face. Used condition, #PMTR-ART-13, \$20.00

Galvanometers

Used in test bridges to indicate slight variations in current; 1 mm increments:

LEEDS & NORTROP 10-0-10 scale, sens 0.1 ua/mm. CDRX 10K ohms; 500 system res. Period 4 sec; w/ Balance "lock". Behind panel: 4"D x 1" dia; front 3"H. #18876, New, \$25.00



GALVANOMETER 15-0-15 scale, sens 1 ua/mm. Meter coupled to mirror for photo-optic read. No Balance "lock". Behind panel 3"D x 2" dia; front 2.5" di, 2lbs shipping. #GALV-726667, \$18.00

Pressure Gauges



0 to 15 PSI Pressure Gauge by USG. 2.1" round with 1/8" fitting and brass coupling. #PS-15, Used, \$7.95

0-60 PSIG & 0-4 KG/CM; 2.1" rd w/ 1/2" dia fitting. #PG-60PSI, NEW, \$5.50



DURAGAUGE 7.5" 0 TO 300 PSI PRESSURE GAUGE. 1 PSI graduations. Quality metal construction. Face is 5.5" dia. with 3/8" fitting on back of gauge.

Mounts on rear flange. 5 lb sh. Ashcroft "r", #PG-300, unused \$29.95

PRESSURE REGULATOR 0 - 500 PSI. Seems to be a quality unit, but no mfg. or country of origin on the unit. 2.5x1.8 x3.3, 2 lb sh. #PR-500, \$7.95



0-6000 PSI 4" dia 270 degree scale; 7/16" di fitting. O/a 6" dia. #M6000-PSI, Unused, \$14.00

Water Gauge



3 1/2" Round Gauge reads negative 80 thru positive 80 "Centimeters of Water" in increments of 2. Has 1/8" threaded hole on back. Made by Marshall Town.

#92361, Unused, \$7.50

Frequency Meters

60 / 400 HZ REED FREQUENCY METER two reeds—one 60 Hz, one 400 Hz-- vibrate when freq approached. Use a 20K ohm resistor for 115V operation. 2" dia; fit 1.5" hole. #FM-TS382, used, \$9.95



Running Time Ind.

3 1/2" Round Running Time Meter by Cramer Division Type 635EAA. Requires 115VAC 60Hz at 2.7 watts. Reads upto 999,999 hours. Reads in one hour increments only. Does not read in tenths. 3/10 RPH. 3" depth. Comes with mounting hardware. #RTM-115, Unused, \$19.95



Same as above except 440VAC 60Hz and reads upto 99,999 hours, #RTM-440, Unused, \$14.95

28VDC Hour Meter by Airpax. Reads up to 9,999 hours. Does not read in tenths. 5/8" diameter x 2" deep. Comes with a 2 hole mounting flange. 1lb sh. #TIMER-28V, Used excellent, \$13.00



12VDC Counter

6-Digit Mechanical Counter 12 VDC nonresettable; black numerals on white. Rear mount flange; o/a 1.3"Hx1.5"Wx2.5"D, 1 lb. #E07B10DC12, New \$2.95

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500 MHz H-P Counter



HP-5345A ELECTRONIC COUNTER, solid-state 9-digit plug-in type measures DC to 500 MHz channels A &

B without any plug-in. Function Select: Plug-In, Freq A, Period A, Time Int A to B, Ratio B/A, Start Stop. Channel controls 50 or 1 M ohm input, x1/x10 Atten, AC-DC, and Level. Requires 100/120/220/240 VAC 48-66 Hz; 5.3x 16.8x19.5, 42 lb sh. #HP-5345A, Used-reparable, \$250.00

HP-5328AF/096 ELECTRONIC COUNTER, solid-state modular design; counts upto 512



MHz on 9-digit LED display. 10 MHz reference oscillator, input for external freq-standard. Universal 100 MHz Module controls Channels A & B functions LEVEL, AC-DC select, ATTN 1-10-100, and Marker output. Sensitivity 25 MV to 40 MHz; 50 MV 40-100 MHz. Channel C module provides 5-512 MHz range, 15 MV rms sensitivity. Trigger fixed; 50 ohm impedance. With Option 011 HP-1B computer interface & manual repro. Requires 100/ 120/220/240 V 48-66 Hz; 3.5x 18.5x19, 28 lbs.

#HP-5328A-UR, Used-Reparable, \$195.00
#HP-5328A-CH, Checked, except for HP-1 computer interface, \$450.00

18 GHz Counter



HEWLETT-PACKARD 5340A FREQUENCY COUNTER, covers 10 Hz to 18 GHz with automatic amplitude

discrimination feature allowing counter to select largest signal in 250 MHz-18 GHz spectrum. Has 8-digit display. Sensitivity -30 dBm, 10 Hz-500 MHz; -35 dBm 500 MHz-10 GHz; -25 dBm 10-18 GHz. Input impedance 50 ohms; 10 MHz crystal time base. Has Self-Check and N and BNC input connections. Requires 115/230 VAC 48-66 Hz; 3.5x 16.8x18.8, 31 lbs sh.

#HP-5340A, Used-Checked, \$1095.00

HP-5245L Counter

HP-5245L COUNTER, 7-digit predecessor of 5345A; measures upto 50 MHz without plug-ins. 100 mv sensitivity; gate 1 usec to 10 sec in decade steps. Units at least "test" count. 5.3x16.8 x18.3, 34 lbs sh.



#HP-5245L, Used-Reparable without plug-in, \$69.50

Manual repro, #MM-HP-5245L, \$20 w/set purchase.
#HP-5253B Plug-in, 50-500MHz, \$50.00
#HP-5257A Transfer Osc. plug-in, 0.05-18 GHz, \$150

H-P Microwave

HEWLETT-PACKARD, 5 lbs sh. Used:

J532A, 5.3-8.2 GHz, \$195.00
P532A, 12.4-18 GHz, \$195.00
536A, 0.94 - 4.2GHz, \$50.00
537A, 3.7-12.4 GHz, \$195.00

VARIABLE MICROWAVE

ATTENUATORS: 15 lbs
G382A, \$195 J382A, \$195
P382A, \$150 S382C, \$195 X382A, \$50



DIRECTIONAL COUPLERS: 2 lbs sh.

G752C, \$99 J752D, \$125
P752A, \$99 R752A, \$125
X752C, \$99 X752D, \$99



Test Equipment Blow Out!!

All test equipment listed below is used reparable

ALLISON LAB #2-CR HP/LP FILTER 600 OHM, \$135
AUSTRON 2100F Loran C Frequency Monitor, \$495
BR Communications 2840 Chirpsounder Rec., \$1000
Bertran 205A-10 10 KV HV Power Supply, \$275.00
210A-05R 5KV High Voltage Power Supply, \$285.
Biddle 72-433 Wheatstone Bridge, \$100.00
Boonton 74D Capacitance Bridge, \$200.00
76A 1MHz Capacitance Bridge, \$150.00
Collins 413E-1 Power Supply, \$175.00
478H-1 HF Radio Tester w/ 413F-1 P.S., \$300
Collins Rockwell 7303A-40 Test Sig. Gen. VFO, \$200
Cushman CE21 Level Meter, \$250.00
EDC 501 Programmable DC Voltage Standard, \$135
EDC MV-106B Low Imp. DC nanovolt source, \$75
ESI Bridge consists of: 840R DC Generator Detector, \$600
860R AC Generator Detector, &
290R Impedance Bridge, \$295.00
Fluke 332D/AB DC CALIBRATOR, \$595.
335A DC VOLTAGE STANDARD 1 uv-1K V, \$645
343A DC Voltage Calibrator, \$295.00
405B HV Power Supply, \$295.00
893A AC-DC Differential Voltmeter, \$195.00
1953A Portable Counter, \$99.00
2201A Scanner, \$50.00
5200 AC Voltage Calibrator, \$595.00
7600A Scanner, \$50.00
GENERAL MICROWAVE 460B Frequency Meter, no probe, with manual, UNUSED, \$99.00
GENERAL RADIO 716C Bridge Capacitance, \$150.00
874-LB Slotted Line, \$195.00
916A RF Bridge, \$225.00
1310A Oscillator 2Hz-2MHz, \$119
1568A-9000 Wave Analyzer 1% bandwidth, \$295.
1633A Increment Inductance Bridge, \$850
1840A Audio Output Power Meter, \$150.00
Geospace VLF-12 Receiver Phase Comparator, \$175
Gertsch FM-3 20-1000 mhz VHF Freq Meter, \$65.00
RT3 Ratio Transformer, \$75.00
RT7 Ratio Transformer, \$75.00
Grumman Aerospace A51S24695-3 Air Inlet Control System Line Test Set, Case one of two, \$450.00
Harris / Gates SG75B Exciter, \$125.00
HP-181TR MAINFRAME // spectrum analyzer, \$295.
200CDR Wide Range Oscillator Rack Mt, \$69.00
201ABR Audio Oscillator Rack Mt, \$59.00
211B Sq. Wave Gen., 1-10 MHz, 600 ohm, \$59.00
214A 10Hz - 1MHz 200W Pulse Generator, \$150.
419A DC NULL METER, 3 uv-1 KV, \$125.
431C POWER METER LESS THERMISTOR-N/A \$75
652A Test Oscillator, 10Hz - 10MHz, \$125.00
746A High Voltage Amplifier, \$225.00
940A Frequency Doubler, \$225.00
1200B 100 uv 500 khz Dual Trace Scope, \$195
1205B 5 mv 500 khz Dual Trace, \$175.00
1206B 5 mv 500 khz Single Trace, \$150.00
1600A LOGIC STATE ANALYZER (SCOPE), \$199
3437A System Voltmeter \$125.00
3465 A Digital Multimeter, \$125.00
3495A Multiplexer Scanner, \$150.00
3571A Tracking Spectrum Analyzer, \$275.00
3575A Gain / Phasemeter 1-13MHz, \$375.00
3590A Wave Analyzer with plug-in, \$190.00
3710A IF/BB Transmitter, \$175.00
4437A Attenuator 0-119.9 DB, 600 ohm, \$99.00
4815A R F Vector Impedance Meter NO probe \$250
4815A R F Vector Impedance Meter w/ probe \$395
5180A WAVEFORM RECORDER, \$750.
5255A PLUG-IN 3-12.4GHz, \$80.00
5300B MEASURING SYSTEM COUNTER 50MHz, \$100
5315B Universal Counter, \$175.00
5327B Timer Counter DVM, \$120.00
8403A MODULATOR CONTROL w/ 8731A, 8731B or 8732B PIN modulators, part of 141 spectrum \$250
8614A RF GENERATOR, 800-2400 MHz, \$300.
8660A Synthesized Signal Generator, w/HP86632A AM FM Modulation Section, w/HP86602A 1-1300 mhz RF Section, \$350.00
8655A Synchronizer Counter, \$125.00
8742A Reflection Test Set 2-12 GHz, \$250.00

8708A Synchronizer Phase-lock for 606B, \$150
8900B PEAK POWER CALIBRATOR, \$79.00
86230B 1.8-4.2GHz 10mW PLUG-IN, \$295.00
86241A 3.2-6.5GHz 3.2mW PLUG-IN, \$350.00
86242D 5.9-9.0GHz 10mW PLUG-IN, \$300.00
Julie Research Labs #RVD-126 Automatic Voltage Divider, \$225.00

Keithly 260 Nanovolt Source, \$75.00
Krohn Hite 3202R Dual HP LP Filter, \$225.00
4141R Programmable Oscillator, \$295.00
L&N 4232B Guarded Wheatstone bridge, \$100.00
4735-S Wheatstone Bridge, 0.01-1111M ohm, \$175
7553-K3 Potentiometer/U-Voltmtr, 0-1.6 V, \$195
8687 Volt Potentiometer, \$125.00
8691-2 Temperature Potentiometer, \$150.00
8692 Temperature Potentiometer, \$150.00
8693-2 Temperature Potentiometer, \$150.00
108772Z 10K ohm Voltage Divider, \$125.00
LTN 1188251 Double Ratio Set, \$295.00
MB Electronics 2250MB Power Amplifier, \$125.00
MARCONI TM7816 12 Channel Noise Generator, \$145
MILITARY ACR/TS-24B Radio Tester f/ URT-33, URC-64, PRC-90, PRC-106, \$500.00
AN/ARM-87 Radio Tester // ARC-54, \$325.
AN/ASM-49 Test Set Audio Pilot, \$525.00
APM-195-XZ-1 Radar Simulator Test Set, \$350.00
C10196/USM-430 Display Unit, \$450.00
DA-727 DUMMY LOAD, \$175
FR-72 Wave Meter 8.5 - 9.0 GHz, \$75.00
I-177 Tube Tester, \$200
RP-276/GSH-52 Sound Reproducer, \$145.00
TS-62 ECHO BOX, \$75
TS-147F X-Band Test Set for 8470-9630 Mhz, \$175
TS-268E Crystal Rectifier Tester, used, \$16.95 unused, \$22.00; Manual, \$8.50
TS-330 Crystal Impedance Meter 1-15 mhz, \$150
TS-419 Signal Generator 0.9-2.1 ghz, \$165.00
TS-531 Crystal Impedance Meter 10-110 mhz, \$150
TS-537 Crystal Impedance Meter 75-1100 khz, \$150
TS-710 Crystal Impedance Meter 10-1100 khz, \$150
TS-1313/JURM124 Test Set for TRC-75/ARC-58, \$300
TS-2081/APM-247 for testing APN-158, \$350.00
TS-2154/APM-246 for testing APN-158, \$350.00
TS-2585/ARM-113 Test Set // ARC109 w/cables, \$325
Polarad 1108A 6.9 - 11.5 GHz Signal Gen., \$199
RACAL 9303 DIGITAL RF LEVEL METER, 9 ranges 300 uV to 3 V; 100 KHz-2 GHz, \$275.
RFL 829 CALIBRATION STANDARD, \$350.00
ROCKLAND 5100 Synth., 0.001Hz-1.999MHz, \$400
Scientific Research DCH-1 15KV Voltmeter, \$100
SIERRA 128A Freq. Sel. Voltmeter w/ manual, \$145
360B SPECTRUM DISPLAY w/ manual, \$150
470A-500 Hi Pwr Sig Gen 10-80W 190-260MHz, \$100
SIMPSON 467 DIGITAL RMS VOLTMETER, \$125
480 Genescope FM/TV Vintage Tester, \$100.00
Specific Products WVTR WVV Receiver covers 2.5, 5, 10, 15, 20, 25 MHz, \$225.00
Systron-Donner 6152A Counter, \$79.50
TEK 114 PULSE GENERATOR 100ns-10ms, \$129
172 Programmable Test Fixture no accs, \$100
190B Constant Amplitude Signal Generator, \$125.
230 Digital Unit, \$200.00
453 SCOPE, DC-50M dual, with rack mt, \$175.
454A SCOPE, DC to 150 MHz dual trace, \$295.
564 STORAGE SCOPE, less plug-in \$149.00
575 transistor curve tracer, \$250.00
604/606 X-Y MONITOR, \$149.00
922, 5" rect. Portable, Dual Tr., TV, 15 MHz, \$199
932 SCOPE 35 MHz (similar to tek 922), \$209.00
5110 Rackmount Scope Mainframe, \$85.00
7603 Rackmount Scope Mainframe, \$150.00
Wandel Guterman AT-608 Level Mtr 200Hz-4.5MHz, \$275
Wavetek 154 Prog. Waveform Gen. .001Hz-10MHz, \$395
157 Prog. Waveform Synthesizer, \$225.00
159 Waveform Generator, \$375.00
172B Programmable Signal Source, \$325.00
278 12mhz programmable synth function gen. \$325
Weinschel Eng. 1810A Stabilized RF Ratio Mtr, \$295

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

Power Meter



MODEL DPM-3 RF POWER METER, has 50 and 150 watt ranges and converts the frequency range of 30 to 600 MHz. Type N connection for input, air cooled, 50 ohm impedance. Power reading shown on 3.5" diameter FS=200 ua metr; 7.5 x 5.5x16.5, 9 lbs sh. #DPM-3, Used checked, \$99.50

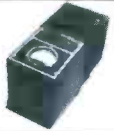
URM-120 Wattmeter

URM-120 Wattmeter measures incident & reflected RF from 10 to 1000 watts over 2 to 1000 MHz. Uses three plug-in coupler elements CU-753 (2-30 MHz, 50-100-500-1000 W), CU-754 (25-250 MHz, 10-50-100-500 W) and CU-755 (200-1000 MHz, 10-50-100-500 W) that fit TS-1285* meter. Max-insertion VSWR 1.08 (1.05 for CU-754/755, 500 W range). Power selectable on each coupler. TS-1285* has 3.5" dia meter, 0-10-50 W scale and N conn. W/transit case & manual. 5x4.8x7.3, 20 lbs



#URM-120, (TS-1285 etc), used-reparable, \$175.00

ME-82/U Wattmeter



Wattmeter for 50-600 MHz range 120 watts at 52 ohm input. Has non-linear scales 0-120 W 2.5" dia meter & C connection. 5.8x6.8 x13.5, 17 lb. #ME-82, Used, \$65.00

Dummy Load

DA-189/GRC Dummy Load, portable 50 ohm unit operates over 600 to 1850 MHz range @ 40 watts max. Output indicated on 3.5" dia meter; "C" input connection. 4x4x10, 9 lb. #DA-189, Used, \$40.00



Noise Level Meter



Northeast Electronics TTS37BR Noise Level-VU Meter, 1 & 10 db/step attenuators measures level +23 to -95DBM; Noise 13 to -5 DBRN. Input imped

900 & 600 ohm circuits balanced/ unbalanced, terminating or bridged. Sensitivity -80 DBM @ 0 DB. Has large VU-meter with scales -15 to +3 VU-DB, -5 to +13DBRN. 8.8x19x7.5, 15 lbs. #TTS37BR, Used Reparable w/book, \$99.50

Wheatstone Bridge

ZM-4 Wheatstone Bridge used to measure DC resistance. Resistance measurement range 1 ohm to 1.011 M ohms +/- 0.15%; As a resistance substitution box it is adjustable in 1 ohm steps from 0-10110 ohms.



The current limit of the resistors is 16-500ma depending on setting. Galvanometer indicates balance in test circuit. Requires three "D" batteries. Also 22.5 to 200 VDC for more accurate readings above 1000 ohms. Can be used as a precision resistor substitution box. 5.8x7.3x8.8, 12 lbs sh. #ZM-4-UR, Used Reparable, \$34.50; #ZM-4-UR-L, Used Reparable less galvanometer, \$17; #ZM-4-CH, Used Checked, \$49.50; Manual repro, #MM-ZM-4, \$12.00

Value Priced Multimeter



MINI 3 1/2 DIGIT DMM - 19 RANGES. Automatic polarity indication. Diode and transistor (hFE) test. DC voltage: 200m/2000m/20/200/500V. AC voltage: 200/500V. DC current: 200µ/2000µ/20m/200m/10A. Resistance :

200/2000/20k/200k/2000k. Basic accuracy : ±0.8% (±1.0% for 2000k range). Low-battery indication. With manual, test leads, and GP23GA 12V battery. #DVM810, New, \$5.99

20 Range Multimeter

3 1/2 DIGIT DMM - 20 RANGES - 10A - TRANSISTOR TEST. Automatic polarity function low-battery indication. Transistor and diode test. DC voltage: 200m/2/20/200/1000V. AC voltage: 200/750V. DC current: 200µ/2m/20m/200m/10A. Resistance: 200/2000/20k/200k/2000k. Basic accuracy : ± 0.8%. Overload protection: 250V. Low-battery indication. 2.8" x 5.0" x 1.0" 3 lbs sh. Includes manual, test leads, and a 9V battery. #DVM830, New, \$9.99



23 Range Multimeter

3 1/2 DMM - 23 Ranges / 20A. Has transistor, diode and audible continuity test. DC voltage: 200m/2/20/200 /1000V. AC voltage: 2/20/200/750V. DC current: 200µ/2m/20m/200m/20A. AC current: 2m/20m/200m/20A. Low-battery indication. 3.3"x6.5"x1.3" 3 lbs sh. With manual, test leads, holster, and 9V battery. #DVM92, New, \$29.95



Temp / Capacitance / Freq

3 1/2 DMM - 30 RANGES / 20A / TEMPERATURE / CAPACITANCE / FREQUENCY. Low-battery indication, Overload protection and automatic deactivation. Transistor, diode and audible continuity test. DC voltage: 200m/2/20/200/1000V. AC voltage: 2/20/200/700V. DC current: 2m/20m/200m/20A. AC current: 20m/200m/20A. Resistance: 200/2k/20k/200k/2M/20M/200M. Capacitance: 2000p/20n/200n/2µ/20µF. Frequency: 20kHz. Temperature: -50°C to 1000°C. 3.5" x 6.7" x 1.5". 3 lbs sh. With manual, test leads, holster, 9V battery, temp. probe. #DVM890, New, \$49.00



Digital Clamp Multimeter

DIGITAL CLAMP MULTIMETER WITH DATA-HOLD AND BACKLIGHT. 3 Ω LCD display with automatic polarity indication. Data-hold and backlight function. DC voltage: 600V. AC voltage: 600V. AC current: 2/20/200A (via transformer jaws). Resistance: 2k. Continuity buzzer. 7.6" x 2.8" x 1.4". 3 lbs sh. Includes manual, test leads, 1 x 12V GP23A battery, carrying bag. #DCM265, New, \$59.00



Mini Multimeter



Miniature Multimeter by Soltec. DC Voltage Ranges: 0-0.25, 2.5, 10, 50, 250, 500,1000V. AC Voltage Ranges: 0-2.5, 10, 50, 250, 500, 1000V. DC Current Ranges: 0-50µA, .5, 50, 500ma. Resistance Ranges 0-20 megohms in 4 ranges. Meter comes with carrying handle, and test leads. Requires one 9 volt and two AA batteries. Batteries are supplied with unit but are NO GOOD. Meter size: 1.7x3.9x5.3, 3 lbs sh. #HM-102S, Unused, \$8.95

ME-77 Multimeter

ME-77/URM-105C VOLT-OHMMETER, handy meter in ruggedized plastic case has DC & AC ranges 0-10-100-1000 V; resistance 0-2K-20K-200K-2M-20M ohms. Response 30 Hz-10KHz; has 3.5: dia FS=50 ua-meter. Requires two AA batteries for X1-X10-X100 ohms; 22.5 VDC battery (not available) for X1K-X10K ohm scales. With test leads. 6.6x4x3.3, 3 lbs sh. #ME-77, Used, \$24.95



ME-297 Multimeter

ME-297/USM-223 FET MULTIMETER measures AC-DC volts to 5000 V in sequential ranges 2.5-10-50 to 5 KV, AC-DC 1000 ohm/V or DC 20K ohm/V. Also DC current to 10 amps in full scale ranges 0.25-2.5-10-50-100-500 MA DC and 2.5-10 amps. Resistance scales X1K-10K-100K-1M-10M ohms. Includes rugged plastic case, 4.5" dia FS=50 ua meter, red-black test leads and front cover. Requires 6-PXB1 1.3 V & 1-"C" batteries (not supplied). 6x7.4x8.8, 7 lb. #ME-297-UR, Used-Reparable, \$34.95; #ME-297-CH, Checked, \$54.95
Units converted so they require two double A and one C battery, #ME-297-CON, Checked, \$89.50
Manual partial repro, #MM-ME-297, \$8.50



Hickok Multimeter

Hickok 1605M Solid State Multimeter, achieves high gain by using chopper to allow use of AC coupled amplifiers; Frequency range for AC measurements 20Hz to 700MHz. Full scale ranges 0-300VAC in seven steps and 0-1500VDC in eleven steps. 0-150maDC in eleven. 0-500 Megohms in steps Rx10 thru Rx10M. Includes AC and DC probes, two test leads, coaxial RF adapter, and manual repro. Requires 115/230VAC 50-400Hz. 10.5x5.5x8, 13 lbs. #1605M-UR, Used Reparable,\$85 #1605M-CH, Checked, \$125.00; Manual Repro, #MM-1605M, \$15.00



Line Tester

VOLTS, FREQUENCY, POLARITY INDICATOR, handy safety item allows "quick" test of an unknown electrical line to determine its general characteristics. "Glow" lamps show Volts 28, 115, 250 DC/220 AC, 500 DC/440 AC; Frequency 60 or 400 Hz; Polarity red-black Negative when red & black probes are inserted into line. 2.8x5.4x2.5, 2 lbs. shipping. #AUL1604, Unused, \$15.95



FOR ORDERING INFORMATION SEE PAGES 16 & 17

HP-400GL Voltmeter



HP-400GL ANALOG AC VOLT-METER, ranges 0.1 to 1000 V-rms in 8 decade steps; -80 to +60 db in 10 db steps. Response 20 Hz-4 Mhz; output 1 Vrms open circuit. Input im-pedance 10 megohms. Requires 115/230 VAC 48-440 Hz; 6.3x5.1x11, 9 lbs sh. #HP-400GL, Used Checked w/book, \$135.00

HP-400E, similar to above but 1mV to 300V-rms, #HP-400E, Used Repairable, \$69.50
Manual repro, #MM-HP-400E, \$12.00

DC Voltmeter

ME-440/USM-381 DIFFERENTIAL DC VOLTMETER, similar to Fluke 896A; ranges 0-10-100-1000 VDC. Probe for 1100 V (upto +/-5 KV common-mode) and 15 KV multiplier input. NULL ranges 0.01-0.1-1-10-100V -TVM used with 5-digit scaler as differential meter. Solid-state; w/cover & operator info. 115/230 V 60 Hz; 11x12.5x15, 30 lbs shipping. #ME-440, Used Repairable, \$45.00



HP-3586B Voltmeter



HP-3586B FREQUENCY SELECTIVE VOLTMETER, measures tone level, idle channel noise, weighted noise at voice & compare to carrier frequency over 50 Hz to 32.5 Mhz

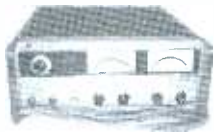
@ 75 ohm input; voice level over 50 Hz to 100 KHz @ 600 ohms. Amplitude +20 to -130 dBm; resolution to 0.01 dBm. Option 003 measures phase jitter, noise-with-tone, signal-to-noise with tone ratio and single level impulse noise. Push-button control & entry; HP-1B programmable. NA Bell standard. Requires 100/120/220/240 VAC 48-66 Hz; 7x16.8 x18.4, 62 lbs sh. #HP-3586B, Used-Repairable, \$595.00

Freq Selective Voltmeter

SIERRA 128A FREQUENCY SELECTIVE VOLTMETER for analyzing carrier signals over 10 KHz to 15.1 MHz LSB-AM-USB; utilizes all-transistor frequency lock. Could probably be used as receiver. Separate circuits for MHz and KHz tuning each with controls COARSE, FINE, CURSOR, and input TRACKING SIGNAL BNC jack. Voltmeter has ranges 30 uV to 30 V in 13 steps; DB ranges -90 to +30 DB. Select 75-135-600 ohm termination or 1 MHz calibrator; also Selectivity WIDE-NARROW, Main Tune LOCK-CONT, Audio GAIN, and phone jack. Requires 115 V 60 Hz or 28 VDC 220 ma. May have brown or beige front panel; 12x20x15.5, 52 lbs sh. #SIE-128A, Used-repairable w/ book, \$100



Vector Voltmeter



HEWLETT-PACKARD 8405A VECTOR VOLTMETER, measures both magnitude and phase over 1 to 1000 MHz in 21 overlapping bands. Also capable of determining

insertion loss, group delay of bandpass filters, complex impedance of mixers and antennas, RF distortion and in-circuit probing. Ranges: 100 uv to 1 V-rms full scale in 10 db steps. Phase: 360 degrees on 0-center meter with end scale ranges +/- 180, 60, 18 and 6 deg. Band-width: 1 KHz. Requires 115/230 VAC 50-400 Hz; 7x16.8x18.4, 36 lbs, #HP-8405A-UR, Used Repairable w/ manual repro, \$295

H-P Audio Oscillator



HP-201C Oscillator, Vacuum Tube Type covers 20 Hz to 20 KHz in 3 ranges; output 3 W (42 V) into 600 ohms; 50 V max no load. Distortion <0.5%; Attenuator 0-40 DB in 10 DB steps. Requires 120VAC 50-400Hz. 7.5x10.8x12.5, 20 lbs sh. With manual repro. #HP-201C-UR, Used Repairable, \$85.00 #HP-201C-CH, Checked, \$119.50

URM-127 Audio Oscillator

AN/URM-127 SOLID-STATE AUDIO OSCILLATOR, 20 Hz to 200 KHz in four bands. Metered output 0-10 Vrms into 500 or 1000 ohms in 7 decade ranges. Design accuracy +/-2%; stability +/-0.5%. Requires 115 VAC 50-70/380-420 Hz. 7.5x13x4.5, 15 lbs sh. #URM-127-UR, Used Repairable, \$55.00 #URM-127-CH, Checked, \$100.00



AN/URM-127A newer version, but no frequency meter. #URM-127A-UR, Used repairable, \$65.00 #URM-127A-CH, Checked, \$120.00

Manual repro for URM-127, #MM-URM-127, \$12.00
Manual repro for URM-127A, #MM-URM-127A, \$12.00

1K ohm Dummy Load for URM-127 & TS-382 oscillators. Has two banana jacks, two terminal posts, and a BNC female connector. #DA-35, Used, \$8.00

UG-514 Adapter Connector for URM-127 & TS-382. Has two banana jacks, two terminal posts, and a BNC female connector. 1 lbs. #UG-514, Used, \$7.50

Shalco Attenuator

The Shalco Attenuator Network is a 600 ohm impedance, decade type, unbalanced "T" circuit direct reading unit providing accurate performance in the low radio frequency spectrum, and usable over the range from 0 to 10 MHz. Accuracy +/- (.5% + .03 dB) of setting when checked at 1KHz. Unit has a range of 0 to 110dB in 1 dB steps and is equipped with 3/4" spacing 5 way binding posts. 7.5x12x5.3, 8 lbs sh. #12851-1, Unused, \$125.00



Audio Output Meter



TS-585 OUTPUT METER for audio amps, filters, oscillators. Ranges 0.1-5 mw, -10-+7 dbm; 1-50 mw, 0-+17 dbm; 10-5000 mw, +10-+27 dbm; 100-5000 mw +20-+37 dbm read on 3.5" dia meter. Multiplier circuit

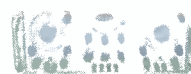
x0.1, x1, x10, x100 allows input impedances 2.5 to 20000 ohms in 40 steps; 30-10000 Hz response. 8.5x11x5.5, 17 lbs sh. #TS-585, Used, \$69.50; Manual, partial-reproduction, #MM-TS-585, \$8.50

Voltage Tester

Voltage Tester by Ideal. Tester checks for 110 to 550VAC; 110 to 600VDC; 25 to 60Hz frequency; Identifies AC or DC; Checks circuit continuity; Determines DC polarity; Finds blown fuses, grounding and leakage. Comes with the test leads featuring safety shield prod tips. 1.5x2.4x6.4, 3 lbs sh. #61-067, Unused, \$20.00



Audio Test Set



MARCONI TF2005 DUAL AUDIO TEST SET, low distortion unit (designed <0.05%) consists of two 20 Hz-20 KHz oscillators, 0.1-111 dB T-attenuator and voltmeter. Output 15 dBm into 600 ohms. Attenuator balanced 75, 150, 600 ohms 1 W max; unbalanced 600 ohms. Voltmeter ranges 1.5, 5, 15, 25 V; dB ranges +10, +20, +24. Requires 115 VAC 50-60 Hz; 7x17x11, 32 lb sh. #TF2005, Used Repairable with output, \$195.00

H-P Analyzer

HP-312B ANALYZER / FREQUENCY SELECTIVE VOLTMETER, 1 KHz to 18 MHz AM, AM AFC, BEAT, USB, LSB in 18 overlapping bands indicated on 7-digit readout.



Synthesizer for tuning phase-locked in 1 MHz steps. Bandwidth 200, 1000 or 3100 Hz. Reference level -40 to +20 DBM in 10 DBM steps. Amplitude -60 to 0 DB in 10 DB steps. Impedance selectable 50, 60, 75, 124, 135, 150 or 600 ohms balanced or unbalanced. Audio output > 0.5 V rms into 10K ohm full scale deflection. Recorder output 1 V full scale deflection open circuit. Requires 115/230 VAC 50-400 Hz; 16.8x10.5 x18.8, 51 lbs. #HP-312B, Used Repairable, \$195.00

HP-3581A Analyzer



HEWLETT-PACKARD 3581A WAVE ANALYZER, separates and measures frequency and amplitude spectral components over 15 Hz to 50 KHz with

1 Hz resolution. Uses 5-digit LED freq readout & analog meter for amplitude analysis. Meter scales: Volts (30 V - 100 nV linear), 90 dB or 10 dB display (+30 dB to -150 dB log). Sweep scan width adjusts 50 Hz - 50 KHz. Requires 100-120/200-240 V 48-440 Hz; rackmount: 10.5x 19.3x16.3, 30 lbs sh. #HP-3581A, Used Checked, \$395.00

HP Wave Analyzer



HEWLETT-PACKARD 310A WAVE ANALYZER, a frequency selective voltmeter-receiver covering 1 KHz to 1.5 MHz with bandwidths 200, 1000, and 2000 Hz; resolution 200 Hz/div. Modes

AFC-Normal-BFO-USB-LSB-AM. Amplitude ranges 10 ux to 100 V full scale, 16 steps. AFC: dynamic hold-in +/-3 KHz min @ 100 KHz; tracking 100 Hz/sec. Has headphone jack and is operable as VLF receiver. Requires 115/230 V 60 Hz; 10.8x16.8 x18.4, 50lb. #HP-310A, Used-repairable w/ manual, \$125.00

Distortion Analyzer

HEWLETT-PACKARD 331A DISTORTION ANALYZER, measurement of total distortion 0.1%-100 % in 7 ranges over 5 Hz to



600 KHz; harmonics to 3 MHz. 1 KHz filter attenuates frequencies below 400 Hz. Fundamental rejection >80 DB. Meter indicates 300 uv to 300 V rms in 13 ranges, 10 DB per range. Requires 115/230 V; 16.8x5 x15.3, 24 lbs sh. #HP-331A, Used Checked w/ manual, \$225.00
Similar to above but has AM Detector, #HP-332A, \$235
Similar but w/ auto null & no AM Det., #HP-333A, \$275
Similar but w/ auto null & has AM Det., #HP-334A, \$295

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HP Carrier Test Set



HEWLETT PACKARD 3550A CARRIER TEST SET for field testing transmission line and system characteristics. Includes solid-state 204C Oscillator,

493B Voltmeter, and 353A Patch Panel described below in transit case. Regulating batteries removed; 8.4x19.3x13.3, 36 lbs sh.

#HP-3550A, Used Repairable, \$169.50
#MM-HP-3550A, Manual repro, \$25.00

HP-204C AUDIO OSCILLATOR, AC line or rechargeable battery operation. Unit provides frequency from 5 Hz to 1.2 MHz in six overlapping ranges. Delivers an output voltage of >2.5 V-rms (10 mW or +10 DBM) into 600 ohm. Includes Sync Output: > 100mV-rms into <100pf over entire range. 5.1x6.3x8, 9 lbs sh.
#HP-204C, Used Repairable, \$69.00
#MM-HP-204C, Manual repro, \$12.00

HP-403B AC VOLTMETER, measures 0.001 to 300V-rms in 12 calibrated steps, -60 to +50 DB in 10 DB steps. Response 5 Hz - 2 MHz. Requires 115/230 VAC and four 6 V 225ma batteries in regulating circuit. 5.1x6.3x8. 9 lbs sh.
#HP-403B-LB, Used Repairable, less batteries, \$69.
#MM-HP-403B, Manual repro, \$12.00

HP-353A Telephone Patch Panel, 50Hz-560Khz. Output impedance 135, 600, and 900 ohms. Step 600 ohm attenuator. 2 pair of matching transformers primary 600 ohm, sec 135, 600, 900 ohms. 5.1x6.3x8, 9 lbs sh. #HP-353A, Used, \$30.00

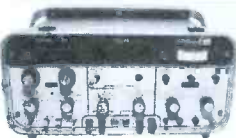
Service Monitor

Singer Model CSM-1 Communications Service Monitor, serves as three instruments in one unit: Signal Generator, Frequency Meter, and an Amplitude Modulation



meter. As a signal generator it covers 50 KHz - 512 MHz with 1 ppm direct synthesized frequency accuracy and stability and has calibrated output levels in 1 db steps from -110 dbm to 0 dbm (0.7 uv - 224 mV rms). As a frequency meter it measures the frequency of a received signal at a level as low as 2 uv, either via antenna or direct connection, at an accuracy of +/- 1 ppm. As an amplitude modulation meter it measures the percentage of amplitude modulation of received signals in two ranges 0-30% & 0-100%, to within an accuracy of +/- 8% of full scale deflection. 17.1x16.2x9.2, 50 lbs sh.,
#CSM-1, Used repairable with op's manual, \$275.00
#MM-CSM-1, Maintenance Manual Repro, \$65.00
#SCH-CSM-1, Schematic only, \$15.00

Transmission Test Set



Northeast Electronics TTS-44 Transmission Test Set. A useful device for test and measurement of audio VLF-RF frequencies up to 99.99 KHz. Has a four

digit display switchable from Hz to KHz, and an edgewise DB meter. Also, has a small front mounted speaker with level control. Send portion of unit generates frequencies in presets (404,1004, 2804 Hz) and variable ranges (35 - 375 Hz, 375 - 4.5 KHz, 4.5 - 60 KHz) and has an output attenuator from -40 to +10 db in six ranges. Both send and receive have two independent channels with bridged and terminated binding post and phone plug connections. 120VAC, and self contained battery operation (no warranty of battery condition) 12.7 x 15 x 7.5, 33 lbs sh. #TTS-44, Used repairable, \$69.50
#MM-TTS-44, Manual Repro for above, \$20.00

URM-26B Generator



SG-117/URM-26B SIGNAL GENERATOR, 4 to 405 MHz AM-CW - Pulse in six bands. Output 0.1 to 100K uv into 50 ohms. Modulation 400 or 1K Hz 0-50%. External pulse-mod requires positive 40 V-min 50-500 pps; duration 2-40 usec and 70 ohm input impedance.

Requires 115 V 50-1000 Hz. Outer case may have small dents. 11.3x14x10.5, 36 lbs sh. #URM-26B, Used Checked, \$160.00

Manual repro, #MM-URM-26B, \$10.00

Accessories sold only with purchase of URM-26B:
2:1 attenuator, 50 ohms, #CN-315, \$8.00
10:1 50 ohm, #CN-316 \$10.00
10:1 70 ohm, #CN-471 \$10.00
Impedance matcher, #CU-439, \$10.00
BNC cords, 4 foot, #BNC-4ft, \$4.00;
BNC cords, 6 inch, #BNC-6IN, \$2.00

Frequency Synthesizer

Wavetek 5107 Frequency Synthesizer Channel generates spectrally pure and stable output frequencies from 1Hz to 3MHz with constant 1Hz resolution. It utilizes a unique direct digital synthesis technique to generate the output sinusoid. Complementary TTL compatible square wave outputs are provided for monitoring the output of the channel. Unit obtains it's input power, clock control logic, and programming information externally. Requires regulated 5VDC at 2.5 amps and 15VDC at 100ma. Comes with the programming mating connector and manual. 13.6x1.35x8.8, 7 lbs sh. #WAVE-5107, Unused, \$135.00



Time Marker Generator



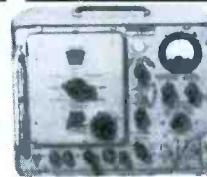
AN/USM-441 Time Marker Generator (equal to Ballantine 6130A) is a precise, high quality calibration tool used to check and calibrate the sweep ranges of oscilloscopes with bandwidths to 250 Mhz, as well as sampling oscilloscopes, frequency counters, spectrum analyzers and signal generators. It can also serve as a secondary time standard, and additionally offers a convenient method for checking raise-time alignment of oscilloscope vertical amplifiers. Unit provides four different, time coincident outputs: time markers, high frequency sine waves, trigger period intervals (square waves), and a 10MHz crystal clock output. Requires 120VAC 60Hz. 12.5x8.3x6, 9 lbs sh. #USM-441, Unused, \$125.00

Communications Test Set

Schlumberger Stabilock 4031 Communications Test Set 0.4 - 1000MHz for testing of receivers and transmitters. This unit includes the following functions and more: signal generator, test receiver, frequency counter, power meter, modulation meter, audio generator, VSWR meter, AF power meter, rms voltmeter. These units are in excellent condition and pass their self test. We have run some of the functions, but this instrument has so many functions we could not fully test it. Satisfaction guaranteed. 21.5x14.7x9.4, 46 lbs sh. #SCHL-4031, Used excellent, \$4000.00



50 MHz Signal Generator



AN/URM-25 SIGNAL GENERATOR with accessories; covers 10 KHz to 50 MHz in 9 bands. Output to 100K uv into 50 ohms. Modulation 0-50% 400 or 1000 Hz; internal 1 MHz calibrator. Includes MX-1487 impedance

adapter, SM-35 antenna simulator, attenuators CN-223-224, test cable & manual repro. Requires 115 VAC 60 Hz; 11.3x14x10.8, 52 lbs. Less front cover. #URM-25-UR, Used Repairable, \$110.00
#URM-25-CH, Checked, \$179.50

Dummy Antenna for URM-191 & other signal generators such as the URM-25. 50 ohm impedance. Has a female BNC connection on each end. #DA-650, Used, \$6.00



Fixed 5:1 Attenuator for URM-191 & other signal generators such as the URM-25. Has a female BNC connection on each end. #CN-1418, Used, \$7.00

Adapter Connector for URM-191 & other signal generators such as the URM-25. Has a female BNC connection on one end and a 1/4" phone jack on the other end. #35-28102-14, \$6.50

HP-8640B Signal Generator



HEWLETT-PACKARD 8640B RF GENERATOR w/ options 001/002/003 for 500

KHz -1024 MHz AM-FM-Pulse in 11 bands read on 7-digit display. Output +19 to -145 dbm (2 V to 0.013 uv); phase-lock FM. Opt 003 is reverse power protection. Requires 100/120/220/240 VAC 48-440 Hz; 5.5x16.8 x18.8, 53 lbs shipping.

Used Checked w/manual copy, #HP-8640B-123, \$1495
As above but with opt 001/003 only, 20 Hz-512 MHz, #HP-8640B-13, \$995.00

MILITARY VERSION of popular solid-state HEWLETT-PACKARD 8640B with opt 323 (AN/USM-323). Covers 500 KHz to 512 MHz



AM-FM-Pulse in ten octave ranges using 6-digit LED readout; to 1024 MHz using external freq doubler (not available). Output: 0.01 uv to 2 V (-144 to +19 DBM); modulation 400, 1000, 5000 Hz. Pulse: 0.05-5 KHz. Resolution 10 Hz (0.5-4 MHz), 100 Hz (4-64 MHz), 1 KHz (64-512 MHz). USM-323 does NOT have these features: seventh 1/2 digit, X100 Expand, ext-count input, phase-lock. Mounted in transit case. Requires 103-127/207-242 VAC 48-440 Hz; 7.8x19.5 x22.4, 70 lbs.

#USM-323, Used Checked w/book copy, \$795.00

80 MHz RF Generator



SG-297/URM-103 18 to 80 Mhz FM Signal Generator also the following IF frequencies 4.3, 5.6, 5.625, 5.650, 10.00, 11.5MHz unmodulated for testing IF frequencies of military

receivers. Internal modulation 150 Hz, 400 Hz, and 1000 Hz, external modulation 0.1 to 30 KHz. RF output 0.05 to 1.0 V; IF output 10 microvolts to 10 volts. Power input 115/230 V 50 - 400 Hz. Size 13 x 13.25 x 18. 75 lbs shipping.

#SG-297-UR, Used Repairable, \$150.00
#SG-297-CH, Used Checked, \$225.00
#MM-SG-297, Manual repro, \$12.00

CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

480 MHz Signal Generator



HEWLETT-PACKARD 608E SIGNAL GENERATOR, best of 608-series covers 10-480 Mhz AM-CW-pulse; 1 & 5 Mhz calibration check points over range make +/- 0.05% accuracy possible. Modulation 400 or 1000 Hz internal; external 20 Hz-20 KHz, 0 to 90%. Large 3.5" dia meters for

Percent Modulation & Output Volts-DBM. Requires 115/230V 50-400 Hz; 16.4x13.3x21, 72 lbs. #HP-608E-UR, Used Repairable, \$225.00 #HP-608E-CH, Checked, \$275.00 Manual repro for above, #MM-HP-608E, \$15.00

FIBERGLASS TRANSIT CASE for HP-608 generators; 30 lbs sh. #FIB-USM-44B, used, \$30.00

Fuseholder for Sig Gen

MX-1730 Fuseholder for RF signal generators with type N connections. Use one of these in line with the RF output of your signal generator to protect it's output circuit from accidental transmission of RF from your radio when under test. It is expensive to accidentally transmit into your signal generator. #MX-1730, Used, \$17.00



SG-1174/U (AUL 6201B) Signal Generator 3.8 - 7.6 GHz. Internal modulation of CW, pulse, square wave, FM or accepts external modulation. Control complement includes vernier tuning, attenuator, sync multiplier, pulse rate (40-400pps), pulse width (.5-10us), sync delay (3-300us), and FM modulation level. Solid-state design except for 5037 klystron. 50 ohm output, plus sync and sync delay outputs; external modulation inputs. 5.7x19x13.7, 54 lbs sh, No manual available. #SG-1174, Used Repairable, \$150.00

SG1174 Signal Generator



SG-1174/U (AUL 6201B) Signal Generator 3.8 - 7.6 GHz. Internal modulation of CW, pulse, square wave, FM or accepts external modulation. Control complement includes vernier tuning, attenuator, sync multiplier, pulse rate (40-400pps), pulse width (.5-10us), sync delay (3-300us), and FM modulation level. Solid-state design except for 5037 klystron. 50 ohm output, plus sync and sync delay outputs; external modulation inputs. 5.7x19x13.7, 54 lbs sh, No manual available. #SG-1174, Used Repairable, \$150.00

UHF Signal Generators

UHF Signal Generators

HEWLETT-PACKARD 620B SIGNAL GENERATOR, 7 to 11 Ghz in single band FM, pulse or squarewave modulation. Calibrated output 0.1 uv to 0.224 V into 50 ohms. Also second 0.3 MW uncalibrated output useable for phase locking. Pulse rate 40 to 4000 pps; width 0.5 to 10 usec. Uses 5721 or = klystron. Requires 115/ 230 VAC 50-400 Hz. 13.9x17.5 x17.4; 70 lbs. #HP-620B, Used Repairable, \$300.00 Manual repro for above, #MM-HP-620B, \$17.00



HP-618C GENERATOR, similar to 620B except 3.8 to 7.6 Ghz; #HP-618C, Used Repairable, \$200.00 Manual repro for above, #MM-HP-618C, \$17.00

TS-403 RF GENERATOR, 1.8-4.2 Ghz; 0.1-200K uv out. Similar to HP-616B; 70 lbs shipping. #TS-403, Used Repairable, \$175.00 Manuals repro for above, #MM-TS-403, \$17.00

SG-557/TS-621 RF GENERATOR 3.8-7.5 Ghz FM-CW; 110 lbs sh. #SG-557, Used Repairable, \$200.00 Manuals repro for above, #MM-SG-557, \$17.00

Tektronix Plug-ins

Each of the plug-ins listed below are used repairable.

Part Number: #TEK-(specify model)

- 067-0521-01 Cal. Fixture for TEK 530/540/550, \$40.00
- 067-0502-00 Calibration Fixture, \$75.00
- 067-0591-00 Calibration Fixture, \$25.00
- 067-0680-00 Cal. Fixture for Signal Normalizer, \$125
- 1A2 Dual Trace, \$30.00
- 1A6 Differential Amplifier, \$30.00
- 2A61 Differential Amplifier, \$40.00
- 2B67 Time Base, \$45.00
- 3A1 Dual Trace Amplifier, \$45.00
- 3A3 Dual Trace Differential Amplifier, \$55.00
- 3A6 Dual Trace Amplifier, \$45.00
- 3A72 Dual Trace Amplifier, \$40.00
- 3A74 Quad Trace Amplifier, \$80.00
- 3B1 Delaying Sweep Unit, \$75.00
- 3B3 Time Base, \$40.00
- 3B4 Time Base, \$50.00
- 3S76 Sampling Dual Trace, \$40.00
- 5A14 Four Channel, \$100.00
- 5A15N Single Trace Amplifier DC-2MHz, \$35.00
- 5A18N Dual Trace Amplifier, \$79.50
- 5A21N Differential Amplifier, \$50.00
- 5A24N Single Trace Amplifier DC-2MHz, \$30.00
- 5A38 Dual Trace, \$45.00
- 5A48 Dual Trace, \$60.00
- 5B10 Time Base / Amplifier, \$50.00
- 5B12N Dual Time Base, \$85.00
- 5B25N Digitizer / Time Base / Amplifier, \$99.00
- 5B40 Time Base, \$60.00
- 5B42 Delaying Time Base, \$85.00
- 5D10 Waveform Digitizer, \$100.00
- 5T3 Time Base, \$65.00
- 7A11 Amplifier, \$100.00
- 7A13 Differential Comparator, \$125.00
- 7A15A Amplifier, \$60.00
- 7A16A Amplifier, \$99.00
- 7A17 Amplifier, \$40.00
- 7A18 Dual Trace Amplifier, \$125.00
- 7A19 Amplifier, \$125.00
- 7A22 Differential Amplifier, \$150.00
- 7A26 Dual Trace Amplifier, \$99.00
- 7B50 Time Base, \$155.00
- 7B53A Dual Time Base, \$179.00
- 7B70 Time Base, \$79.00
- 7B71 Delaying Time Base, \$175.00
- 7B80 Time Base, \$125.00
- 7B85 Delaying Time Base, \$150.00
- 7B87 Time Base, \$175.00
- 7B92A Dual Time Base, \$199.00
- 7CT1N Curve Tracer, \$300.00
- 7D01 Logic Analyzer, \$40.00
- 7D11 Digital Delay, \$100.00
- 7D15 225MHz Counter / Timer, \$199.00
- 10A2 Dual Trace Amp, \$50.00
- 11B1 Time Base, \$40.00
- 53/54K Fast Rise .05-20V/cm, \$20.00
- 72 Dual Trace Amplifier, \$45.00
- 80 Single Trace DC-80MHz, \$40.00
- 82 Dual-Trace for Tek 581/585/A, \$50.00
- AM-6565/U Amplifier (7A15AN11), \$45.00
- B Wideband 50mv-20V/cm, \$25.00
- CA Dual-Trace DC-24 MHz, \$40.00
- DF1 Display Formatter, \$40.00
- DF2 Display Formatter, \$40.00
- DL2 Digital Latch, \$50.00
- H Wideband 50mv-20V/cm, \$25.00
- L Wideband High Gain, \$30.00
- M Four Channel DC-20 MHz, \$39.50
- O Operational Amplifier, \$50.00
- P Rise Time Test Unit, \$25.00
- Q Transducer-Strain Gauge, \$85.00
- T Time Base, \$40.00
- Z Differential Comparator, \$85.00

Test Leads



TEST LEADS. 2 test leads with protection caps. Ratings: 1000V / 15A. Length: 30" / 37". #TLM1, New, \$4.99

SET OF TEST LEADS - 2 BANANA PLUGS.

2 test leads (with banana plug) 0.16". Length: 39.4". #TLM2, New, \$0.99



SET OF TEST LEADS - BANANA PLUG / BOOTED CROCODILE PLUG. 3 test leads (banana plug 0.16" / boot-ed crocodile plug). Length: 35.4". #TLM3, New, \$0.99

SET OF TEST LEADS - 2 HOOKED BANANA PLUGS. 2 test leads (2 hook banana plugs) 0.16". Length: 35.4". #TLM4, New, \$1.19



Test Leads with alligator clips. Each test lead is 55" long. Used in conjunction with PSM-6 and other military meters. #MX-1909, Unused, \$4.00

Red & black panel jacks f/ above. #J-19, used, \$2 per set

Test Lead for Triplet 601 VOM. Comes with test prod, alligator clip, and RCA male to RCA male 42" cable. 2 lbs sh. #79-267, Unused in the original box, \$4.00



--- ALLIGATOR LEADS ---



SET WITH 10 WIRES 50cm 5 COLORS WITH BOOTED 32mm CROCODILE CLIPS. Crocodile clips: 5/4". Cable length: 20". Booted alligator clips: 25mm. #CM12, New, \$1.79

TEK 500 Modules / Plug-ins

The TEK TM503 Power Module benchtop mainframe is a three wide power module compatible with all TM500 Plug-Ins. It provides unregulated DC and AC supplies and non-dedicated power transistors for plug-in usage. 17x8.35x9, 14 lbs sh. #TM503, \$125.00 Four Wide Power Module, #TM-504, \$145.00 Five Wide Portable w/ covers, #TM-515, \$169.00



Part Number f/ plug-ins below: #TEK-(specify model)

- AM502 Differential Amplifier, \$195.00
- AM503 Current Probe Amplifier (no probe inc.), \$179
- DC501 Counter 110 MHz, \$199.00
- DC502 (opt. 1) Counter, \$199.00
- DC503 Universal Counter, \$129.00
- DC504 Counter / Timer, \$129.00
- DC504A Frequency Counter DC-100MHz, \$199.00
- DM501 Digital Multimeter, \$99.00
- DM502 Digital Multimeter, \$149.00
- FG501 Function Generator, \$129.00
- PG501 Pulse Generator, \$129.00
- PG505 Pulse Generator, \$225.00
- PS501 Power Supply, \$89.00
- RG501 Ramp Generator, \$159.00
- SG503 Leveled Sine Wave Generator, \$499.00
- TG501 Time Mark Generator, \$499.00

**** TEK 5000 Plug-in ****

FG5010 Programmable Function Generator, \$999
DC5009 Universal Counter / Timer, \$399.00

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Scope Probes



OSCILLOSCOPE PROBE 150MHZ. Complete probe set for measurements up to 150MHz. Attenuation: 1:1 or 1:10. Position x1 - bandwidth: DC to 60MHz, input resistance: 1Mohm (input resistance scope) input capacitance: 90pF + cap. scope.

Position x10 - bandwidth: DC to 150MHz, input resistance: 10Mohm (if scope input = 1Mohm), input capacitance: 15pF approx. Cable length 3.9ft. #PROBE150, New, \$44.12

OSCILLOSCOPE PROBE 100MHZ.

Complete probe set for measurements up to 100MHz. Attenuation: 1:1 or 1:10. Position x1 - bandwidth: DC to 60MHz, input resistance: 1Mohm (input resistance scope) input capacitance: 90pF + cap. scope.

Position x10 - bandwidth: DC to 100MHz, input resistance: 10Mohm (if scope input = 1Mohm), input capacitance: 16pF approx. Cable length 4.6ft. #PROBE100, New, \$29.95

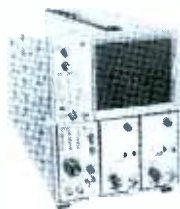


INSULATED SCOPE PROBE 60MHZ. Complete probe set. Insulated for hand-held equipment. Attenuation: 1:1 or 1:10. Position x1 - bandwidth: DC to 15MHz, input resistance: 1Mohm (input resistance scope), input capacitance: 46pF + cap. scope. Position x10 - bandwidth: DC to 60MHz, input resistance: 10Mohm

(if scope input = 1Mohm), input capacitance: 18pF approx. Cable length is 4.6ft. With insulated BNC connector. #PROBE60S, New, \$19.95

TEK 7603N11S

AN/USM-281C (Tektronix 7603-N11S) OSCILLOSCOPE, modern, versatile 7000-Series scope with large 8 x 10 cm display and at least 65 Mhz response. Includes two AM-6565 (7A15AN11) single-trace and one TD-1085 (7B53AN11) dual time base plug-ins plus the 100 Mhz mainframe



accepts standard Tek 7000-Series plug-ins. Vertical deflection 5 mV - 10 V/div in 11 calibrated steps, 1-2-5 sequence; vernier to 25 V/div. Sweeps: Normal, Intensified Delay, Delayed and Mixed. Rate 0.05 uS - 5 S/div in 25 steps, 1-2-5 sequence; 5 NS rate using x10 magnifier. Delayed rate 0.05 uS to 0.5 S/div in 22 steps. Requires 100-120/200-240 VAC 48-440 Hz. With book; 11.5x9.7x25.2, 52 lbs.

#USM-281C-UR, Used-Reparable, \$320.00

#USM-281C-CH, Checked, \$400.00

Manual repro // USM-281C only, #MM-USM-281C,\$30

ADAPTERS for USM-281C/TEK7603:

ADAPTER BNC (f) - UHF (m) #103-0015, \$2.50

ADAPTER BNC (m) -UHF (f) #103-0032, \$2.50

ADAPTER BNC (m) to post, #103-0033, \$2.50

T-CONNECTOR, BNC (f-m-f) #103-0030, \$3.00

CABLE, 8 ft BNC, 50 ohms, #012-0118, \$4.00

Tek Plug-in Adapter



Tektronix type 81 DC-30MHz Vertical Plug-in Adapter. Allows the use of all 1-series and letter-series plug-ins with 580-series oscilloscopes. Tube type version. 12.2x5.9x7.1, 6 lbs sh. #TEK-81, Used, \$29.95

275 MHz Scope



HEWLETT-PACKARD 1720A PORTABLE SCOPE, DC to 275 MHz response with dual channels, large 6x10 CM display, and selectable input impedance 50 ohms or 1 meg-ohm.

Modes Channel A or B, A+B, A & B alternating, A & B chop. Deflection: 5 mv-5 V/div in 10 calibrated steps, 1-2-5 sequence plus vernier to 12.5 V. Sweep: 10 ns-0.2 s/div in 23 steps, vernier to 0.5 sec and X10 magnifier. Trigger normal, auto or single. Delay sweep: 10 ns-0.1 s/div in 22 steps, vernier to 0.25 sec; delay time varies 0.02 us-2 sec. Calibrator 1 KHz squarewave, 1 V p-p. Requires 115/230 VAC 50-440 Hz, 38 lbs. #HP-1720A-UR, Used Repearable, \$375.00 #HP-1720A-CH, Checked, \$475.00

Similar except DC-150MHz, reparable, #HP-1710A,\$325 Similar except DC-100MHz, reparable, #HP-1741A,\$275

Manual repro for HP-1710A, #MM-HP-1710A, \$30.00

Manual repro for HP-1720A, #MM-HP-1720A, \$30.00

TEK 100 MHz Scope

TEKTRONIX 465M (AN/USM-425) OSCILLOSCOPE, militarized portable dual-trace unit has response DC to 100 MHz and 8x10 CM display. Deflection 5 mv to



5 V/div in 10 calibrated steps, 1-2-5 sequence plus vernier. Vertical modes: TRIG View, 20 MHz BW, CH 1, ALT, Add, Chop, CH 2 or X-Y. Sweep 0.05 usec to 0.5 sec/div in 22 steps plus vernier; delay 0.05 usec to 50 msec/div. Inputs: 1 Megohm paralleled by 20 pf. Also X10 magnifier, adjustable handle, and manual copy. Front cover is not available. Requires 100-132/ 200-264 V 48-440 Hz; 19.2x12.8x7, 32 lbs sh. #TEK-465M-UR, Used physically OK but power supply troubles,\$225 #TEK-465M-CH, Checked, \$375.00

Phillips Scope



PHILLIPS 3267U DUAL CHANNEL DC-100 MHz SCOPE with 8 x 10 cm display, 3.5 ns risetime and Trigger View, the display of 60 MHz internal and 70 MHz

external main time-base trigger signal. Vertical modes: Channels A or B only, A & B chopped or alternating, Trigger View only, A, B & Trigger View chopped or alternating, A & B added. Amplitude ranges 2 mv to 10 V/div in 12 calibrated steps, 1-2-5 sequence. Sweep ranges 0.05 us to 0.5 S/div in 22 calibrated steps. Delay to 1 ms, 14 steps. Calibrator 1.2 V rectangular. Requires 90-132/195-270 V 46-440 Hz or 24 VDC for battery. 5.4x13.2x17.5, 29 lbs sh. #PH-3267-UR, Used Repearable with trace and operator's manual, \$200

Leader 20 MHz Scope

LEADER LBO-522 20 MHZ DUAL-TRACE SCOPE with 8x10 cm display and 10 ns risetime. Deflection ranges 5 mv to 5 S/cm in 10 calibrated steps, 1-2-5 sequence.



Modes CH-1 or -2, alternate, chop, add, subtract. Time base 0.2 us to 0.2 s/div in 19 steps. Trigger sources: Internal CH-1 or -2, alternate, Line, Ext. Coupling: AC, HF REJ, TV-V, TV-H. X5 magnifier. Requires 100/120, 220/240 VAC 50-60 Hz; 6.3x11.4 x14.8, 24 lbs sh. #LBO-522, Used Repearable, \$99.50

20 MHz Scope



BALLANTINE 1066B PORTABLE OSCILLOSCOPE, Dual-trace unit has DC-20MHz response and 5 mV/cm sensitivity. Rise time is 17.5 nsec. Time base includes x10 magnifier for speeds from 50 nsec/cm to 25 sec, full-screen.

18x12.5x7.1, 23 lbs sh. #BAL-1066B-UR, Used Repearable w/ manual repro, \$150.00

Scope / Analyzer

PCS500 is a digital storage oscilloscope that uses a computer to display waveforms. All standard oscilloscope functions are available



through the supplied Windows program. All normal oscilloscope functions can be selected with the mouse. Optically isolated connections are made through the computers parallel port. The oscilloscope and transient recorder have two independent channels with a sampling frequency up to 1GHz. Any waveform displayed on the screen can be stored for later use. Timebase: 20ns to 100ms per division. trigger source: CH1, CH2, EXT or free run. sampling frequency - real-time: 1.25KHz to 50MHz, repetitive: 1GHz. Spectrum analyzer frequency range: 0...1.2KHz to 25MHz. Transient recorder: time scale: 20ms/div to 2000s/div. max. recording time: 9.4hours/screen. 2 channels, 1 external trigger input. Input impedance: 1Mohm // 30pF. Frequency response: 0Hz to 50MHz (± 3dB). Max. input voltage : 100V (AC + DC). Input coupling: DC, AC and GND. Supply voltage: 9-10Vdc / 1000mA. Includes: PCS500 unit, 2 test leads, PC parallel cable, practical manual, CD with software. #PCS500, New, \$497.00

HP Analyzer Plug-In



HEWLETT-PACKARD 8553B SPECTRUM ANALYZER PLUG-IN for HP-141T mainframe; covers 1 KHz to 110 Mhz in bands 0-11 and 0-110 Mhz. IF bandwidths: 10 Hz to 300 KHz, 1-3 sequence. Scan widths

on 10-division CRT: 20 Hz/div to 10 Mhz/div in 18 calibrated steps, 1-2-5 sequence. 4x8.9x13.5, 17 lbs. #HP-8553B-UR, Used Repearable, \$250.00 Manual partial repro, #MM-HP-8553B, \$170.00

HP-8552B IF Plug-in for 141T. Features video filtering, recorder outputs and an internal calibration signal to make the spectrum analyzer easier to use. Provides bandwidth/gain selection and detection. Internal calibration standard is -30dBm, 30MHz signal. 16.8x16.4x8.8, 14 lbs sh. #HP-8552B, Used operates but may need adjustment, \$350.00



HP-8556A, similar to 8553B but covers 20 Hz to 300 KHz range. #HP-8556A, Used Repearable, \$175

HEWLETT-PACKARD 8445B AUTOMATIC PRESELECTOR. This YIG tuned filter unit is designed for use with the HP-141T Analyzer with the HP-8555A Plug-in. Suppresses harmonic missing image and multiple responses from 1.8 to 18 GHz. Clean band sweeps of 2, 4, 6, or 8 GHz are possible depending on the band selected. N connections. Less interconnect cable. Requires 100/120/200/240 V 48-440 Hz. 3.5x16.8 x18.4, 25 lbs sh. #HP-8445B, Used Repearable, \$299.00

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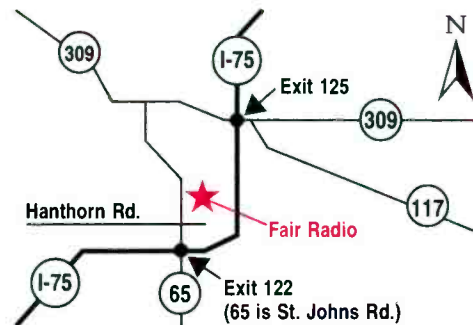
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Mini Strobe



ELECTRONIC FLASHING LIGHT for alarm systems, discos, personal use, warning in case of danger, etc... Long-life xenon tube. Protected against polarity reversal. Fully sealed and waterproof. Power output: 1W. Power supply: 12VDC. Current consumption: 150mA. Flash rate : 120/min. Black ABS / acrylic cover, Dimensions : 2.8"(y) x 2.5".

New, \$8.99 each
 Available in the following colors:
 Amber #HAA40A; Blue #HAA40B; Green #HAA40G; Red #HAA40R; Clear #HAA40W

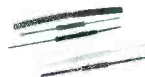
Crimp Tool w/ Terminals

80-PC TRAY CARD WITH CRIMPING TOOL. Crimping tool comes with a variety of different spade terminals, ring terminals, etc.. #BL/FCT, New, \$5.92



Tuning Needle Set

6-PC PLASTIC TUNING NEEDLE SET. Comes with a variety sizes. #VTPT, New, \$3.99



Parabolic Mirror



Large Glass Parabolic Mirror, Focal length approximately 11". Diameter 25". Depth 4". With cast mounting frame. 35 lbs sh., #MIR-25, Used, \$150.00

Interconnect Box

J-4024 INTERCONNECTION BOX. The J-4024/U is the interface between the TSEC/KG-84A and teletypewriter sets in GRC-106 communications shelters. Controls for transmitter 1 or 2, Receiver 1 or 2, power. Connections for teletypes and red transmitter/receiver, DLED. 15x8.1x8.1, 32 lbs sh., #J-4024, Used, \$39.95



PRC-70 Front Panel



Frequency selector assembly module from the PRC-70 transceiver. 2.7x9x3.9, 4 lbs sh., #FS-PRC-70, Reconditioned, \$125.00

Permeability Tuner



Concord Permeability Tuner for 5 tube superhet with schematic. Used the following tubes (not included) 12SA7 12SK7 12SQ7, 50L6, 35Z5. Use to restore your old radio or to make your own. 3.9x2.3x2.2, 2 lbs sh., #99-3584, New Old Stock, \$14.95

NTE Lightwave LED Flashlights

Each of the flash lights below features the following: Utilizes high powered super-bright white LED light sources. Incredibly long battery life. Solid-state LEDs last over 11 years of continuous use. High impact composite case. Shockproof - has withstood drop test of 4 feet onto concrete. 3 year warranty (covers everything except batteries and abuse). New:



Model #	# of LEDs	Battery Type Not Included	Battery Life Continuous Use	Water Proof	Water Resistant	Industrial grade switch for 10,000 on/off operations	Twist head for easy on/off	Size	Price
LW-4000	10	D-cell (3)	One Month	to one foot	No	Yes	No	2"D x 10.8"L	\$59.95
LW-3000	7	C-cell (3)	25 days	No	Yes	Yes	No	1.6"D x 8.75"L	\$49.95
LW-2100	4	AA (3)	330 hours	No	Yes	Yes	No	1.38"D x 7.63"L	\$34.95
LW-HT	4	AA (3)	330 hours	to 2 feet	No	No	Yes		\$29.95

LIGHTWAVE POCKET-BRIGHT. Utilizes a high-powered super-bright LED light. Super-bright, visible for over 1 mile. Waterproof to one foot. Unbreakable LED lens. Press once and light stays on. Press again and light goes off. Uses two 2025 lithium batteries (included). Free accessories include key ring, neck lanyard, and hook and loop fastener. LED is protected by the high impact composite case. 1.75" long x 1.25" wide x 0.5" thick. #LW-PB, New, \$19.95



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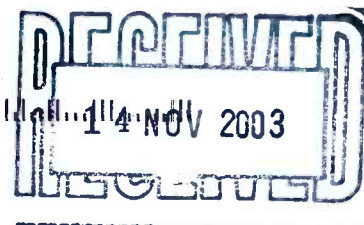
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Pin Straightener



Tube Pin Straightener for Mini 9 pin tubes. Stainless steel straightening area for years of use. 2 mounting holes 1 5/8" center to center. Unused, #STR-9, \$5.95

Hydrophone



U S Navy NT-51038 Hydrophone, unused in wood box. Frequency range 1 - 20000 hz with eight Rochelle Salt Crystal doublets, each about 3 x 2 x 1 inch. Matching transformer for 25 ohm output. Rubber casing with castor oil immersed crystals approx 56 inches by 2.5 inches in diameter. The castor oil is used to couple the crystals to the water. Nine foot cable with two steel strain wires and two signal wires. A great experimenter item with a potential for listening to fish ???, boats, ships etc. Unused old stock in wood box. 29 lbs sh. #NT-51038, \$75.00

Variable Transformer



Variable Transformer by Staco 9.5 Amps 0-240/280V, Input 240V. Enclosed with knob. 8.3x6x5.9, 23 lbs sh. Used checked, #1520CT, \$90.00

Sterilizer

M-49 EasyClave Sterilizer. Displays messages and uses audible "beeps" to indicate the status of a cycle. Also displays error messages and uses audible "beeps" to indicate malfunctions. Automatically initializes the on-board computer and runs a self-diagnostic test when the unit is plugged in. Preheats the chamber of the sterilizer for 90 minutes after each sterilization cycle to allow for "quick start" cycles. 20.7x15x15.6, 84 lbs sh. #M-49, Used, \$1595.00



60Hz - 400Hz Converter



Static Frequency Converter, Input 120V 60Hz to 117V 400Hz 500 watts single phase. Overload protection. With maintenance manual, power input cable and connector for output. 21x12x15, 120 lbs sh. Unused, #CV-2488, \$499.00

Vacuum Capacitors

Ceramic Vacuum Variable Capacitors. Each capacitor has a 3/8" dia. shaft with removable pin. Used.

1000pf at 15KV, 4 5/8"D x 9"H, 11 lbs sh. #CVDD-1000-15, \$295.00

500pf at 15KV, 3 5/8"D x 8 1/2"H, 7 lbs sh. #CVDD-500-15, \$275.00

300pf at 10KV, 3 5/8"D x 8 1/2"H, 7 lbs sh. #CVDD-300-10, \$245.00

200pf at 10KV, 3 5/8"D x 8 1/2"H, 7 lbs sh. #CVDD-200-10, \$245.00



Infrared Thermometer



INFRARED THERMOMETER. One-handed operation. Laser technology. Range 0 to 788F. Resolution 1F / 1C. Spectral response 6-14µm. Response time 500ms. Accuracy -20C to +100C : ± 3C; +101C to +420C : ± 3C. Operating temperature 0 to +50C. Power consumption 40mA max. Requires a 9V-battery (not included) 1.7" x 1.6" x 6.7". 2 lbs sh. #DVM8869, New, \$179.00

Flash Bulb

Giant Mazda Type 75 magnesium foil flash bulb. Medium screw base. Used in WW2 for aerial night photography.

#FLASH-W, Unused with poor wrapper, \$75.00

#FLASH-NW, Unused no wrapper, \$60



Late Arrivals !!!

T-195 Transmitter with original meters and mounting. #T-195-UN, Unused, \$500.00

BC-1335/SCR-619 Radio, Used, #BC-1335, \$175.00

ART-13 Cal. Book



ART-13 Calibration book as originally stored under the front of the ART-13. Used good condition. AN/ART-13, #BK-CAL13, \$28.00 AN/ART-13A, #BK-CAL13A, \$29.00 ATC, #BK-ATC, \$30.00

RF Thermocouple

RF Thermocouple ARC-7499 as used in RE-2/BC442 ARC-5 antenna relay. Bridge type 19.5 +/- 1.5 mv 750 ma. Use for replacement on experiments. #ARC-7499, Unused, \$5.00 each; 3/\$10.00.



H-251 Deep Discount



VRC-12 Headset w/ vinyl cushions, 24" coil cord and U-182 plug; black color. Special price until March31, 2004!

#H-251-U, Used \$8.00

#H-251-UN, Unused \$12.00

KW Hour Meters

KiloWattHour meters 240 volt 60 Hz single phase 4 dial. Monitor power to your out buildings or campground. Removed from use, good condition. An interesting item to build into a lamp base. You could probably modify it to make in run on the lamp current. 8 lbs sh. Used.



Westinghouse Rr 138 8/9 240 v 60 hz 3 wire 30 amps 7.2 kh. #2P2G6, \$30.00

Duncan Form 2S, Rr 138 8/9, 240 v TA 30, Kh 7.2 3W. #200CL-MS, \$29.00

Duncan MQ-S Form 2S Rr 83 1/3 240 v 60 hz 3W TA 30 12 kh. #200CL-MQ-S, \$28.00

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Knobs



Volume control round knob for BC-348. o/a 1 1/4" diameter. #KN348-1, Unused, \$5.00

Fine tuning round knob for BC-312/342 with break and dial. Fits 3/8" diameter shaft. o/a 1 1/4" diameter. #KN312-1, Unused, \$10.



Antenna alignment round knob for BC-312/342. Fits 1/4" diameter shaft. o/a 1" diameter. #KN312-2, Unused, \$5.00

Control round knob for BC-312/342. Fits 1/4" diameter shaft. o/a 1 1/8" diameter. #KN312-3, Unused, \$4.00



Control round knob for BC-312/342. Fits 3/16" diameter shaft. o/a 7/8" diameter. #KN312-4, Unused, \$5.00

Control round knob for RBA/RBB/RBC with pointer. Fits 1/4" diameter shaft. o/a 1 1/16" diameter. #KNRBA-1, Used, \$5.00



Control round knob for RBA/RBB/RBC with pointer. Fits 1/4" diameter shaft. o/a 13/16" diameter. #KNRBA-2, Used, \$4.00

Medium bar knob for various GRC radios. Top screw mount. o/a 1 3/8" L x 7/8" W x 3/8" H. #KNGRC-1, Used, \$3.00



Volume control round knob for various Hallicrafters radios. Fits 1/4" diameter shaft. o/a 1 1/8" diameter. #KNHAL-1, Used, \$3.00

Round knob with spin crank. Does not accept shaft. Mount to top of another knob. 3 mounting holes on top. o/a 1 3/4" diameter. #KNSP-1, Unused, \$2.00



Lever knob. Fits 1/4" dia. shaft. Ideal for use with model train transformer. o/a 2 1/2" L x 11/16" W x 1/2" H. #KNL-4, Unused, \$2.00

Fluted Knob with skirt. Fits 3/8" diameter shaft. o/a 2 5/8" Diameter. #KNF-2, Unused, \$4.00



Fluted Knob with skirt. Fits 1/4" diameter shaft. o/a 1 1/2" Diameter. #KNF-3, Unused, \$1.25

Fluted Knob with pointer. Fits 3/8" diameter shaft. o/a 2 3/8" Diameter. #KNF-4, Unused, \$4.50



Fluted Knob. Fits 1/4" diameter shaft. o/a 1 5/8" diameter. #KNF-5, Used, \$1.25

Round Knob with skirt. Fits 1/4" diameter shaft. o/a 1 7/8" diameter. #KNR-7, Used, \$1.00



Round Knob with skirt. Fits 1/4" diameter shaft. o/a 1 1/2" diameter. #KNR-8, Used, \$1.00

Round Knob. Fits 1/4" diameter shaft. o/a 1 1/2" diameter. #KNR-9, Unused, \$1.50



Round Knob. Fits 1/4" diameter shaft. o/a 1 3/4" diameter. #KNR-10, Unused, \$1.50

Round Knob. Fits 1/4" diameter shaft. o/a 1 3/8" diameter. #KNR-11, Unused, \$1.00



Large Bar Style Knob with pointer. Fits 1/4" diameter shaft. 2 1/4" L x 1 1/4" W x 5/8" H. #KNB-2, Used, \$3.00

Bar Style Knob. Fits 1/4" diameter shaft. 2 3/8" L x 1 1/2" W x 1 5/8" H. #KNB-3, \$1.00



Art Deco Bar Style Knob with pointer. White color. Fits 1/4" diameter shaft. 2 3/16" L x 3/4" W x 5/8" H. Unused, #KNB-4, \$2.

Singars Knob. Fits 1/8" diameter shaft. o/a 13/16" diameter. OD green. Unused, #KNSN-1, \$1.00; 7 for \$5.00



Singars Knob. Fits 1/8" diameter shaft. o/a 9/16" diameter. OD green. Unused, #KNSN-2, \$1.00; 7 for \$5.00

Round Knob with skirt. Fits 1/4" diameter shaft. o/a 2 3/8" diameter. #KNR-12, Used, \$1.75



Dark Brown Round Knob. Fits 1/4" diameter shaft. o/a 1 5/8" diameter. #KNR-13, Unused, \$3.00



Trimmer Capacitors

TRIM CAPACITOR. Screwdriver adjust. These dielectric film trimmers are used on PCBs, e.g. in radios. Suitable for industrial equipment thanks to their good stability. Rated for 250 volts. New, \$0.99 each.

Pico Farad	Diameter	Temp. Max.	Part #
3.3-33	0.30"	158F max.	#TRIM30P
5.5-40	0.39"	158F max.	#TRIM39P
5.5-65	0.39"	158F max.	#TRIM65P
5.5-80	0.39"	185F max.	#TRIM80P



Books



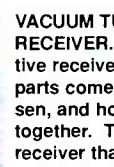
A THOUSAND AND ONE FORMULAS. Back in 1920 people were hot to set up their own laboratories and invent something and become rich. Experimenter Publishing Company published books and magazines to whet their appetite. They reprinted the best information from the magazines in this book. Get formulas on cements and glues, metal-craft, photography, chemical lab hints, mechanical lab hints, electrical lab hints, and many more. Fun and interesting read. 160 pp. #BK-1001, \$9.95

IMPOVERISHED RADIO EXPERIMENTER VOLUME 4. Contains information on building a TRF regenerative receiver, a one-tube crystal converter, a versatile power supply, a slide rule dial and more. 48 pp #BK-IMP-4, \$6.95

Volume 1, #BK-IMP-1, \$5.95
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VACUUM TUBE REGENERATIVE RECEIVER. Build your first regenerative receiver. You'll see where the parts come from, how they're chosen, and how they're made to work together. This will be a real working receiver that was built from salvaged material on hand. Tube regen receiver are easy-to-build and very low-cost. 128 pp. Includes directions and schematics. #BK-REGEN, \$9.95

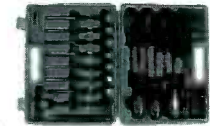
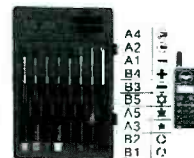
Tool Kits



41-PC TOOLSET. Head can be set at an angle of 0°, 45° or 90°. 38 bits: 14 hex sockets, 16 torx bits, 3 slotted, 3 philips and 2 S-bits. With plastic carrying case. #VTTS3, New, \$6.95

UNIVERSAL CELLULAR PHONE TOOL KIT.

Screwdrivers: U-shaped, curved, needle tip, 1 x philips, 1 x slotted, 3 x torx and 2 antenna removers. With colored swivel caps. #VTSET8, New, \$19.95



FLEXIBLE EXTENSION SHAFT 7.5\"/>

PH#1. HANDLE SCREWDRIVERS - Slotted: 0.16"x3.0", 0.20"x3.0", 0.24"x3.9", 0.31"x5.9". Philips: 0.20"x3.0" PH#1, 0.24"x3.9" PH#2. BITS: T10, T15, T20, T25, T27, T30, T40, H2, H3, H4, H5, H5.5, H6. 1/4" SOCKETS: 0.20", 0.24", 0.28", 0.31", 0.35" + 1/4" socket holder. BIT HOLDER: 2.8". #VTSET19, New, \$9.99

TOOL SET / 5PCS DIFFERENT PLIERS. Stainless-steel precision pliers set (5 pcs) : diagonal cutter, top cutter, bent nose pliers, flat nose pliers, long nose pliers. #VTSET, New, \$9.99



SECURITY BIT SET / 33 PCS. Contents - Torx: #T8, T10, T15, T20, T25, T27, T30, T35, T40. Hex: #5/64", 3/32", 7/64", 1/8", 9/64", 5/32". Hex: #2, 2.5, 3, 4, 5, 6. Tri-wing: #1, 2, 3, 4. Fork: #4, 6, 8, 10. Four-wing: #6, 8, 10. Magnetic bit holder: 1/4" hex. #VTBT5, New, \$9.99

BIT SET / 33 PCS. Contents - Hex: #2, 2.5, 3, 4, 5, 6. Torx: # T10, T15, T20, T25, T30, T40. Slotted: 3, 4, 5, 6, 7. Philips: 1 x PH0, 2 x PH1, 3 x PH2, 2 x PH3. Pozzi: 2 x PZ1, 3 x PZ2, 2 x PZ3. Magnetic bit holder: 1/4" hex. #VTBT6, New, \$4.99



Velleman Electronic Kits

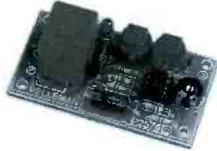
Kits require insertion and soldering of components! Pictures are shown after assembly.



UNIVERSAL STEREO PRE-AMPLIFIER. Frequency range 40Hz - 30kHz (-3dB). Maximum input voltage 50mVrms. Adjustable gain 40dB max. Output impedance 1Kohm. Requires 10-

30V DC / 5mA. PCB dimensions 1.7" x 2.6". #K2572, \$17.99
Recommended Power Supply Kit, #K1823, \$12.99

UNIVERSAL START/STOP TIMER. Miniature timer for all applications requiring a delay of up to 60 minutes. The control range may be adjusted. Requires 15V DC / 55mA. Relay 3A / 220V switchable time interval (without modifications): adjustable from 0 to 15 minutes. PCB dimensions 1.5" x 2.7". #K2579, \$14.99



FROST INDICATOR. Drive more safely in freezing weather. This kit uses a flashing LED to indicate a road temperature close to freezing point; below that point the LED is on continuously. A reliable temperature sensor with mounting stud is included. Requires 10 - 15V DC / 25mA. PCB dimensions 2.2" x 1.7". #K2644, \$14.99
Recommended housing, #G404, \$2.34

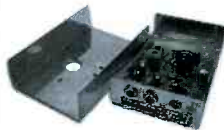


PINK NOISE GENERATOR.

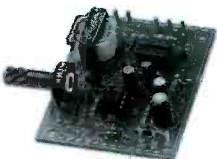
A pink noise generator and a spectrum analyzer are used to analyze the acoustic properties of a room. A microphone with a linear frequency response is used to pick up the pink noise. The result will be the frequency response of the room. An equalizer will allow you to check and correct the response of the room. Easily adapted to produce "white noise". This pink noise kit produces a pseudo random digital noise with a clock frequency adjustable between 30 and 100kHz. Regulator sliding length: 33 bit. Pink noise filter: 3dB/octave (20Hz to 20kHz). Output 150mVrms into 1000 ohms. Requires 9 - 12V AC or 12 - 15V DC / 5mA. #K4301, \$15.95,
Recommended housing, #G410, \$4.46



AUDIO/VIDEO TV MODULATOR. The audio and video signal are converted into a UHF TV signal that can be received by the TV within a 96 ft range. The kit includes housing and antenna connector. UHF channel 21 (450 - 500MHz adjustable). Requires 12 to 15V DC / 100mA. 2.8" x 4.1" x 1.2". #K4601, \$39.95



TELEPHONE AMPLIFIER. This telephone amplifier may be used as a free-standing amplifier with speaker, e.g. to listen to a telephone conversation, or the output may be connected to an amplifier or mixing panel (e.g. radio stations). Input - isolation transformer interface. Speaker output 0.5W / 8ohm. Line output 0dB (0.775Vrms). Requires 7 - 9V AC or 9 - 12V DC / 150mA. PCB dimensions: 2.5" x 2.1". #K4900, \$14.95
Recommended housing, #G416, \$6.26



VOLTAGE DETECTOR this device locates house wiring within walls and traces wire to find a break. A flashing LED indicates when voltage is present. The flashing speed indicates how close the wire is, approx 3.9 inches maximum. For audio indication you can add buzzer SV4/12-S. 9V battery (not included). 2.2"x2.5". #K7101, \$12.95
Recommended housing, #G407, \$4.42

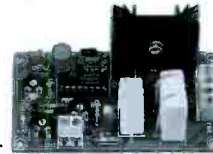
METAL DETECTOR can detect wiring, pipes, or metal parts within a wall to a depth of about 3.15 inches. A LED indicates detection of metal. For audio indication, buzzer type SV4/12-S may be connected. 9V battery (not included). Size 2.2" x 2.5". #K7102RS, \$13.00
Recommended housing, #G407, \$4.42



LOW COST UNIVERSAL BATTERY CHARGER. Charges NiCd or NiMH batteries. Ideal for car use. Transforms a mains adapter in to a charger (adapter socket included). Charge cellular phone, toys, portables, video batteries, ... Selectable charge current 50mA, 100mA, 200mA, 300mA, 400mA. LED charge indication. Supply voltage from 6.5V to 21V (depending on used battery). Supply current is same as charge current. Power supply polarity protected. LED function indication. 1.6" x 2.4". #K7302, \$11.95
Recommended housing, #G403, \$2.28



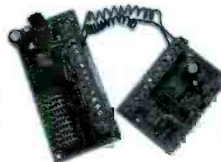
DC TO PULSE WIDTH MODULATOR for control for DC motors, lighting, small heaters. Pulse width modulation (PWM) produces a series of pulses whose duration is proportional to a DC voltage. This allows for very efficient control of DC motors and other DC operated devices. Overload and short circuit protected. Input voltage 8 - 35 VDC output current 6.5A. Dimensions: 3.4"x1.9"x1.8". #K8004, \$22.95



MULTIFUNCTION RELAY SWITCH. 15 functions including timers, switching, flashing, interval, random switching, ... Two pre-programmed delays. Learning mode for delays of 2s up to 12 days. Pushbutton control. EEPROM for delay time storage in case of power failure. On-board transient filter for the relay contacts. Suitable for control of incandescent lighting, halogen lighting, fluorescent lighting, fans, valves, buzzers, ... Requires 9-12VAC or 12VDC. Max. load : 2.5A (275W / 110V). Size: 3.4" x 1.5" x 1.0". #K8015, \$22.50
Recommended housing, #G410, \$4.46



10-CHANNEL, 2-WIRE REMOTE CONTROL. Control 10 devices using only 2 wires up to 55 yards apart. Microprocessor controlled. Inputs can be push-buttons, switches or open collector outputs. The receiver section provides 10 open collector outputs that control relays directly. Terminal block connectors for all Input and output connections. All outputs are provided with LED indication. Can be used with: K6711, K8000RS, K8006, or relay cards: K6714, K6714-16. 10 open collector outputs : 50V / 100mA. Requires single 12-15V AC or DC, 300mA. Dimensions: control pcb : 2.7" x 2.0" x 0.6"; receiver pcb: 4.0" x 2.0" x 1.0". #K8023, \$39.95



SIREN SOUND GENERATOR. Generates 4 different sounds: police siren, fire brigade, emergency vehicle and laser gun. RV1 adjusts sound pitch. On/off switch and PCB speaker included. Requires 9V battery (not included). 2.4" x 1.6". #MK113, \$12.95

POCKET VU METER. 5 red LEDs. Incorporated microphone. Adjustable sensitivity. Requires 3V type CR2032 battery (not included). #MK115, \$8.95



IR LIGHT BARRIER. Applications: announce visitors, warn against burglars, set boundaries, for science projects, ... Audible (85dB) and visible (LED) alert. Range 3.3ft to 13ft. On/off switch provided. Requires - Transmitter: 9V DC / 50mA max; Receiver: 9V DC / 20mA max. 9V battery holder and adapter jack included. Transmitter: 2.2" x 1.6". Receiver : 3.9" x 2.0". Not for outdoor use. #MK120, \$12.95



LIGHT SENSITIVE SWITCH. Switch-on at dusk, turn off at dawn, fully automatic. Wide-range adjustable sensitivity. Delay circuit avoids cycling. Relay output NO/NC 24V/5A max. Requires 12VDC. With adapter-connector. 2.6" x 2.0". #MK125, \$8.95



DUAL WHITE LED STROBOSCOPE. Two super bright white LEDs. Powerful flash effect great for party's, in scale models, as attention grabber, to observe moving parts, etc... Slow/fast selector and speed adjust trimmer. Speed adjustable between approx. 1 and 60 flashes/second. On/off switch. Requires 9V battery (not included). Power consumption 40mA max. 2.2"x1.3"x1.6". #MK147, \$10.95



DUAL SUPER BRIGHT FLASHING RED LIGHTS. Two super bright red LEDs. Powerful flash effect for emergencies, warning signs, as eye-catcher, 'alarm-active' - simulation, etc. 'Auto turn-on at dark' - mode with adjustable sensitivity. On/off switch. Requires 9V battery (not included) (12V possible). 2.2" x 1.3" x 1.6". #MK148, \$7.95



24V - 12V Converter



24VDC TO 12VDC 20 AMP CONVERTER. Compact design for in-car use. Input 24VDC. Output 12VDC. Maximum current 20 amps. Banana plugs. Fuse protected. #PSDC20, New, \$58.95

Strobe Light

ELECTRONIC FLASHING LIGHT. Flat lens. Requires 12VDC. Input current 85mA/1W. Flash rate 1.5Hz. Screw mounting. Suitable for indoors and outdoors. 3.9" x 3.1". New.



Amber, #HAA100A, \$18.99
Blue, #HAA100B, \$18.99
Red, #HAA100R, \$18.99
Clear, #HAA100W, \$18.99

C. Crane Radios



Digital Wireless FM Transmitter. Wireless transmission of ANY audio to any FM Radio! Listen to streaming audio from your computer on your kitchen radio. Send your satellite radio audio to your home stereo system. Wireless transfer of MP3 audio to your car or home stereo system. It's easy to use. Plug the transmitter into the headphone jack or line out jack of any audio device,

set the transmitter to any FM frequency and tune any FM radio to the same frequency. Full stereo on any FM frequency. Line of sight range of around 70 feet. Clean and stable digital tuning. Runs on included AC adapter or (2) optional "AA" batteries (not included). 3.1"Wx3.5"x1.1". 2 lbs sh. #FMT, New, ~~\$99.95~~ SPECIAL, \$79.95

Everything you need to use your FM Transmitter in your car or truck. Kit includes: Vent Clip Mount, 12 Volt into 5 Volt Power Adapter, and Cigarette Lighter Splitter. #FMK, New, \$29.95

The Freeplay Summit is a top end radio combining unparaleled sound quality with the reliability of multiple power options: wind up generator, solar and rechargeable. Covers 4 bands: FM 88-108MHz, MW 540-1650KHz, SW 5.95-15.6MHz, and LW 146-281KHz. The radio can be powered from the sun or from the user's own energy. Just 30 seconds of winding will provide enough energy for the radio to play for up to 30 minutes. Also has a rechargeable battery pack with optional charging adapter. Has digital tuning, 30 station presets, and a LCD digital display panel with backlight. 3.1x6.7x3.5, 4 lbs sh. #FRS, New, \$99.95



The Freeplay Plus combines a Baylis Clockwork Generator with advanced radio technology, a magnetic, detachable White LED light with 6-foot reel-up cord, and a solar panel.

AM/FM and continuous coverage of 10 SW bands from 3.0 to 18.1 MHz. Features a 4 way power system: wind up generator, built-in solar panel, built-in rechargeable battery pack with the optional AC adapter, and the Freeplay Plus can store the excess power from the wind-up generator, solar, and AC in its built-in rechargeable battery pack. New, #FRP, ~~\$129.95~~ SPECIAL, \$99.95

Megaphones

POWER MEGAPHONE 25W. Hand-held megaphone with shoulder strap. With siren/horn. On/off switch and volume control. ABS. Range 0.3-0.45 miles depending on operating conditions. Requires 8 C-batteries (not included). 9.1" x 13.4". 6 lbs sh. #M25S, New, \$99.00



MEGAPHONE 5 WATT. Megaphone with press-to-talk switch and volume control. ABS. Range 0.2 - 0.3miles depending on operating conditions. Requires 6 AA-batteries (not included) 5.9" x 9.3", 3 lbs sh. #M5, New, \$39.95

C. Crane Antennas



Justice AM Antenna With Twin Coil Ferrite. The biggest advancement in AM radio antenna design in over 50 years! The best compact AM antenna for a portable radio or home stereo. It increases available daytime stations dramatically and reduces nighttime fade out by 99%! Can also eliminate heavy static and distortion. Tuner Size: 3.3" W x 4.3" H x 1.3" D. Antenna Head Size: 8.5" W x 2.5" H x 1.3" D. New, #JAA, \$99.95

If your radio isn't near a window, or you find that AM radio reception is better outside than inside, a Justice AM Antenna Remote Kit might solve the problem. When using the Remote Kit, you can set the Antenna Element closer to a window or even outside, away from the noise and interference. You'll dramatically improve reception on weak AM stations in brick, stucco or metal-sided homes, and virtually eliminate static. 25' remote installation kit. #J25, New, \$19.95 50' remote installation kit. #J50, New, \$29.95

The FM Reflect is an affordable FM antenna that is equal to or better than the best indoor antenna made. Great signal to noise ratio. Works with any portable or stereo receiver. Incorporates a new dipole design for maximum gain across the FM band. Up to 213% more powerful than a standard dipole antenna. Comes with "F" connector, balun spade connector and alligator clip. Size: 54" element with an 8' feed line. 2 lbs sh. #FMW, New, \$24.95



Aluminum Boxes

Cast aluminum boxes for those RF and other projects where an inexpensive sturdy box is needed. Boxes have various late 1970's transistors and components and circuit boards. Used.



Cast aluminum box. 7.5 x 2.625 x 7.5 has sheet aluminum side panels and male DB9 connector. 2 lbs sh. #BOX68429, \$5.00

Similar to above but has 5 internal compartments seperated by cast walls. Four sections each 13/16 x 4 1/8 x 1 1/16 and one section 2 13/16 x 2 3/16 x 1 5/16. 2 lbs sh. #BOX295C, \$6.00



Medium cast box 6 1/2 x 4 1/4 x 1 1/2 with provision for mounting circuit board at approx 3/4 inch depth. Two sheet aluminum covers. 3 lbs sh. #BOX641, \$8.25

Cast aluminium box approx 3 5/8 x 11 1/8 x 1 1/2 inside dimensions. Each has a cast top cover which have various components and circuit board with late 1970's WE transistors. 5 lbs sh. #BOX3111, \$8.00



Weird Tube



Weird Spaceship tube, WE703 early high frequency tube as used in the APR-4 Radio and others. Some have been using this for audio because of its interesting shape. Unused, #TUBE703A, \$7.50

Binding Posts



DUAL BINDING POST RED/BLACK. For standard banana plugs. Distance between connectors is 0.79". Drill hole is 0.15" (x2). 1.5" x 1.3". #CM14R, New, \$1.29; 3 for \$3.49

As above but gold plated contacts. #CM15R, \$1.99; 2 for \$3.79

BINDING POST for Banana plug. Length is 1.7". Drill hole is 0.3". Black color, New, #CM3B, 2 for \$0.99; 5 for \$1.99



BANANA PLUG SCREW CONNECTION. Solder connections. Length is 1.7". New. Black color, #CM9B, 5 for \$1.00; 10 for \$1.79 Red color, #CM9R, 5 for \$1.00; 10 for \$1.79

As above but gold plated. Black color, #CM10B, 3 for \$0.99; 7 for \$1.99 Red color, #CM10R, 3 for \$0.99; 7 for \$1.99

Audio / Video Selector

3-CHANNEL AUDIO/VIDEO SWITCHER. 3 inputs and 1 output. Has 3 RCA jacks for each input and 3 RCA jacks for the output. Slide switch. 6.3" x 2.6" x 1.2", 2 lbs sh. #AVW089, New, \$5.95



NTE Heat Shrink



4 Foot NTE Heat Shrink Tubing. Shrink Temperature: 120C. Shrink Ratio - 2:1. Example - 1/16" shrinks to 1/32". Comes in four colors: Black - "BK"; Clear - "CL"; Blue - "BL"; Red - "R". New.

1/16", #47-20148-(Specify Color), \$0.87 1/8", #47-20348-(Specify Color), \$0.91 1/4", #47-20548-(Specify Color), \$1.30 3/8", #47-20748-(Specify Color), \$1.56 1/2", #47-20848-(Specify Color), \$2.02

Antenna Wire

W-128 Single conductor antenna wire as used on many radio sets from WW2 thru the 1970's. Removed from installation kits, good condition.



#W-128-5, 5 feet, \$8.00 #W-128-9, 9 feet, \$12.00

Shockmounts



Robinson Aviation shock mount 848-2. Looks like its good for about 5 pounds. For base 5.5 x 7.5 inches with screw clamp on front. 2 lbs sh. #848-2, Used, \$10.00

FT-99 shock mount for BC229/429 receiver. Also fits RU-16. 2 lbs sh. #FT99, Unused, \$10.00



Triad Transformer



TY-84 Triad Utrad mobile power supply transformer. Designed for use with 12 volt DC transistor 2500 hz oscillator to produce 600 volts DC 200 Ma. With schematic. 2 lbs sh. #TY-84, Unused, \$65.00

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1000 piece CABLE TIES IN PLASTIC CAN.
0.1 x 3.9": 100 pcs blue, 100 pcs red,
100 pcs white, 100 pcs yellow
0.14 x 5.9": 100 pcs white, 100 pcs blue,
100 pcs green
0.14 x 7.9": 200 pcs white
0.14 x 11.8": 100 pcs white
Material: polyamide (nylon 6.6) as specified in
MIL-S-23190 self-extinguishing. Temperature:
-40F to +230F. #K/TF1000, New, \$11.95

As above but 300 piece kit.
0.1 x 3.9": 25 pcs green, 25 pcs yellow,
25 pcs black, 25 pcs red, 50 pcs transparent
0.14 x 7.9": 50 pcs red, 50 pcs blue, 50 pcs transparent
#K/TF300, New, \$4.50

Deluxe Test Lead Set

Deluxe Test Lead Kit has two each of the following: Test leads 54" long, alligator clips with protective boot, spade lugs, sharp pin tips, short dull pin tips, long dull pin tips, and banana plugs. Comes in a protective plastic case. #TL-102, New, \$5.95 each; 2 for \$10.00



Tools



HEAVY DUTY TOOL SET - 3 PCS. Universal pliers, heavy-duty cutter, long nose pliers. New, #VT33, \$13.95

AUTOMATICALLY ADJUSTING WIRE CUTTER/STRIPPER. Strips 8-18 AWG. New, #VTSTRIP2, \$9.98



For more great deals on tools go to pgs: 2, 36-38

60 Hz - 400 Hz Converter



Static Frequency Converter, Input 120V 60Hz to 117V 400Hz 500 watts single phase. Overload protection. With maintenance manual, power input cable and connector for output. 21x12x15, 120 lbs sh. Unused, #CV-2488, \$349.00

Vacuum Capacitor

Ceramic Vacuum Variable Capacitors. Each capacitor has a 3/8" dia. shaft with removable pin. Used.

500pf at 15KV, 3 5/8"D x 8 1/2"H, 7 lbs sh. #CVDD-500-15, \$275.00
300pf at 10KV, 3 5/8"D x 8 1/2"H, 7 lbs sh. #CVDD-300-10, \$245.00
200pf at 10KV, 3 5/8"D x 8 1/2"H, 7 lbs sh. #CVDD-200-10, \$245.00



Sincgars Radio Mount



MT-6352/VRC Mount used with various sincgars radios and amplifiers. These are reconditioned with bag of mounting hardware. 23 lbs sh. #MT-6352, \$125.00

62 Pcs Security Bit Set



- M5, M6, M8
- ⊖ C1, C2, C3
- ⊖ 1/8", 3/16"
- ⊖ 2mm X 2mm X 2mm
- S0, S1, S2, S3
- ⊖ 1, 2, 3, 4, 5
- ⊖ T-5, T-5, T-6, T-7, T-8, T-10, T-15, T-20, T-25, T-27, T-30, T-40
- ⊖ 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 5/64", 3/32", 7/64", 1/8", 9/64", 5/32"
- ⊕ 0, 1, 2
- ⊕ Wing nut driver
- ⊕ 6, 8, 10
- ⊕ PZ0, PZ1, PZ2
- ⊕ 4, 6, 8, 10, 12

1 Piece 1/4" x 60mm magnetic bits holder, 1 Piece bits holder socket, 1 Piece socket adapter, 1 Piece ratchet screwdriver. New, #800-081, \$18.53

HF Doublet Antenna



This high quality 2-30MHz Doublet Antenna System uses 10 sections 2 inch OD aluminum tubing with associated guys for support. 840 watts. Includes swivel base, 10 each 2 inch mast sections, guys, stakes, dipole elements and fixture, 50 ft RG-58 coaxial cable, heavy duty military style canvas carrying case. 1 lb hammer. 35 lbs sh. #S-1905, Unused, \$259.50

AS-3900 Antenna

AS-3900A broadband vehicular whip antenna for use with Sincgars radios. 30-88 Mhz 150 watts with a maximum VSWR of 3.5:1. Includes base and two antenna sections. 12 lbs sh. #AS-3900, Unused, \$325.00 #BO-3900, Base only, usec \$75.00



Cubic R3030 IF Section



FIRST IF SECTION CUBIC FRONT END CONVERTER AMPLIFIER FROM CUBIC R3030 HF RECEIVER. This module was the first gain and first conversion module in this premium receiver. First conversion used LO 40.455 - 70.455 Mhz, and second conversion used fixed LO of 40.455 Mhz to produce the IF output of 455 KHz. These oscillator signals came from another module which is not available. This module has the factory seals on it and is in excellent condition. 4.2x8.1x1, 3 lbs sh. #2140-1102, \$70.00

Dual DC Meter

Aircraft Volts/Amps Dual DC Meter. Two independent meter movements 0-30VDC and 0-300ADC FS=50mv. Meter comes with a 30A shunt to make the package complete. Index adjust for each scale. Cal adjust for volts. 2.5" square. Shunt used. Meter unused. 2 lbs sh. #3202-815, \$85.00



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This is the only catalog that will be sent this year. A supplement will be sent in the fall.

Interesting Books



"Magnetic Amplifiers", Magnetic Amplifiers Another Lost Technology by the U.S. Navy (1951), edited by Trinkaus. First came the vacuum tube, then the transistor, right? Not really. In between there is another lost entity. Electronics engineers of the 1950's believed the rugged little magnetic amplifier was going to replace the fragile vacuum tube in all its functions under a megacycle. The mag amp not only can regulate but can magnify, modulate, switch, pulse-generate, invert, convert, multivibrate, phase shift, and multiply. Modulate your Tesla coil with a mag amp. 43 illustrations.

"Magnetic Amplifiers Bibliography", A supplement to Magnetic Amplifiers. Most of the citations are of patents you can still easily access. There are also citations of scientific and engineering journal articles, of military documents, and of proceedings of the Institutes of Electrical, Electronics and Radio Engineers. Entries range all the way from the year 624 BC to 1951. A must for further research into the lost technology of the magnetic amplifier.

#BK-MAGNETIC, Get BOTH books for a SPECIAL PRICE! List Price, \$15.50; Our price, \$11.95



A THOUSAND AND ONE FORMULAS. Back in 1920 people were hot to set up their own laboratories and invent something and become rich. Experimenter Publishing Company published books and magazines to wet their appetite. They reprinted the best information from the magazines in this book. Get formulas on

cements and glues, metal-craft, photography, chemical lab hints, mechanical lab hints, electrical lab hints, and many more. Fun and interesting read. 160 pp. #BK-1001, \$9.95

SIMPLE SCIENTIFIC EXPERIMENTS. Describes 46 instructive experiments in electricity, magnetism, hydraulics, hydrostatics, light and acoustics. From a century ago. Build a model hydraulic ram, accoustic fountain, flour explosive, manufacture of gas, static electric motor, cheap x-ray tube, electromagnetic gun, pea suspended in air, HF currents, decomposition of steam with induction coil, fiery or flaming vortex ring, thermo-electric currents and more. Simple, fun experiments. 69 pp. #BK-SIMP, \$8.95



VACUUM TUBE REGENERATIVE RECEIVER. Build your first regenerative receiver. You'll see where the parts come from, how they're chosen, and how they're made to work together. This will be a real working receiver that was built from salvaged material on hand. Tube regen receiver are easy-to-build and very low-cost. 128 pp. Includes directions and schematics. #BK-REGEN, \$9.95

Hex Wrench Set

HEX KEY WRENCH SET - 8PCS. Hex: 0.06", 0.08", 0.10", 0.12", 0.14", 0.16", 0.20", 0.24". New, #VTHEX8, \$0.99



Diamond Files



SET OF DIAMOND FILES - 10PCS. Powder-coated. 4.7" long. New, #VTDF1, \$11.95

SET OF DIAMOND FILES - 5PCS. Powder-coated. 5.5" long. New, #VTDF2, \$6.95



Tweezers



SET OF 4 TWEEZERS. Anti-magnetic stainless steel. 1 x bent nose, 1 x flat spade, 1 x self-closing and 1 x normal. 5.3" long. New, #VTTWSET, \$2.99

#VTTWSET, \$2.99

SET OF 4 TWEEZERS - NON-CONDUCTIVE. 5.3" long. New, #VTTWSET2, \$2.99



Knives & Knife Sets



PRECISION KNIFE WITH 5-PC BLADE SET. 5.7" long. New, #VTK1, \$2.50

HEAVY-DUTY KNIFE WITH 5-PC BLADE SET. 5.1" long. New, #VTK2, \$2.99



13-PC HEAVY-DUTY KNIFE SET. Contains 3 cutters with blade and 10 spare blades. New, #VTK7, \$3.99

Utility Knife with lock. Blade snaps off for sharp tip. 4.9" long. New, #VTK3B, 2 for \$1.00; 5 for \$2.00



As above except: Plastic handle with metal protection, 6.3" long. New, #VTK5, \$1.19

Twelve spare blades for above, #VTKSB1, \$1.99

Utility Knife with metal housing. High-Q lock button. Set of spare blades. 6.1" long. New, #VTK4, \$2.50
Five spare blades for above, #VTSB3, \$0.99



XLR Connectors



3 Pin XLR Nickel-Plated Long type. Solder connection. New,

3.2" long Jack, #CA096, \$1.89 ea: 2/\$2.99
2.8" long Plug, #CA097, \$1.89 ea: 2/\$2.99

Short Type version of above. New, 2.8" long Jack, #CA092, \$1.89 ea: 2/\$2.99
2.4" long Plug, #CA093, \$1.89 ea: 2/\$2.99

Short type version as above except 4 pin. New, Jack, #CA102, \$1.89 ea: 2/\$2.99
Plug, #CA103, \$1.89 ea: 2/\$2.99



3 Pin XLR Panel-Mount Nickel Plated Jack. New, Jack, #CA104, \$1.89 ea: 2/\$2.99
Plug, #CA105, \$1.89 ea: 2/\$2.99

As above except 4 pin. New, Jack, #CA108, \$1.89 ea: 2/\$2.99
Plug, #CA109, \$1.89 ea: 2/\$2.99



GOD IS JUST A PRAYER AWAY

Fair Radio buys your excess material. We may be interested in some items in low quantities, but prefer higher quantities for our catalog sales.

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FOR ORDERING INFORMATION SEE PAGE 19

R-390A HF Receiver



R-390A/URR RECEIVER famous military set covers 0.5 to 32 Mhz AM-CW-MCW in 31 one Mhz bands read directly on mechanical digital

counter. 455 KHz final IF; has four mechanical filters allowing 2-4-8-16 KHz selectable bandwidth. Calibration points every 100 KHz; also BFO, AGC, dial locks, 600 ohm audio out, Line and Carrier Level meters. Uses 24 electron tubes; also twinax (balanced) and type C (unbalanced) RF conn. Rackmount; LESS METERS & COVERS. Requires 115/230 V 60 Hz. 0.5x19x16.8, 84 lbs.
 #390A-UR, USED-REPARABLE, \$325.00;
 #390A-CH, CHECKED, \$520.00
 #390A-CH-SM, Checked with substitute meters, \$575 MANUAL, partial repro, #MM-R-390A, \$17.00

COVERS FOR R-390A

Hard to find aluminum replacement top and bottom covers for R-390A series. Very close to original. Newly manufactured, #390-TB, \$54.95
 RF Cover, Newly manufactured, #390-RF, \$14.95
 Set: top, bottom, & RF; newly mfg, #390-S, \$65.95

Replacement assemblies & parts for the R-390A:

CRYSTAL OSCILLATOR (no crystals) #390A-CO,	\$20
CRYSTAL BAND, #390A-(crystal freq.)-CR,	\$10 ea 5/\$35
DIAL, COUNTER, #390A-DC,	\$18.00
GEARS, #39, #390A-G-39 or #21, #390A-G-21,	\$7
GEARS others, #390A-G-(specify#),	\$3
GEAR CLAMPS, 1/4" only, #390A-GC,	\$2.
HANDLES per pair, #390A-HAND,	8.00
KNOBS, small size, #390A-SM,	\$3.00
KNOBS, medium size, #390A-MED,	\$3.00
POWER SUPPLY without tubes, #390A-PS,	\$25.00
TRANSFORMER, RF, #390A-RF- (specify #)	\$9.50
TRANSFORMER, IF, #390A-IF- (specify #)	\$9.50
SLUGS only, RF, #390A-SL-RF,	\$3.50
SLUGS only, Variable IF, #390A-SL-RF,	\$3.50



VFO from R-390A HF receiver with 5749 tube; various mfg (no choice). 4x3x7.5, 4 lbs, used dented less connectors & coupler "as-is", #VFO/R390A, \$22.50

455KHz Beat Frequency Oscillator for famous HF Receiver R-390A. UNUSED CONDITION! 3.3x1.5, 2 lbs sh. #390A-BFO, \$27.50



I.F. DECK for R-390A IF transformers, Z501 and 455KHz crystal, and tubes. Less all four 455KHz mechanical filters, BFO, RT510 ballast and tube shields; 4 lbs. #IF/390A, "as-is" \$45.00

AUDIO AMPLIFIER SECTION for R-390A receiver; includes AF transformers, chokes, and tubes; 8 lbs sh. "AS-IS", less J620 chassis connector, C603/606 capacitors, and tube shields. #AF-R390A, \$30.00



Test Connectors to make test extender cables for R-390A receiver. You receive the 5 male/female connector pairs with

covers to make the following extender cables along with instructions from manual: P110-J410(Crystal Osc), P111-J8111/P119-J619 (Power supply/Audio), P120-J620(Audio), P112-J512(IF Amplifier), P108-J208/P109-J709(RF Amplifier/VFO). #390A-CON, \$59.95

R-390A Name Tags



Reproduction Name Tags for R-390A radios. Multiple mfg available. New, \$21.99 each

Motorola Large Print, 3"Wx7/8"H, #TML390
 Motorola Small Print, 3"Wx7/8"H, #TMS390
 Collins, 2.5"Wx1"H, #TC390
 Electronic Assistance Corp., 2.5"Wx1"H, #TE390
 Stewart-Warner, 2.5"Wx1"H, #TS390

R-392 HF Receiver

R-392/URR RECEIVER, 0.5 to 32 MHz AM-CW in 32 one MHz bands using mechanical digital tuning. Triple conversion on lower 8 bands, double on others. Selective bandwidth 2, 4 or 8 KHz; 100 KHz xtal calibrator. With 25 tubes: 26A7, 26A6, 26C6, 26D6, 6AJ5, 12AU7. Requires 24-28 VDC 5 amps. Rugged vehicular version of R-390 receiver. 11.5x14.3x11, 58 lbs sh.
 #392-UR-WO, Used Repairable less knobs and meter, \$245.00
 #392-UR-W, Used Repairable w/ substitute knobs and meter, \$295.00
 #392-UR-CH, Checked w/ sub knobs & meter, \$395
 Original style knobs but color may not be identical.



MANUAL for R-392, partial repro, #MM-R-392, \$17
 SPEAKER for R-392, #LS-166, Unused, \$35.00
 Bracket for LS-166, #166-BR, \$3.00

CV-278 Freq Shift Converter

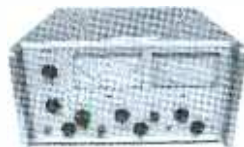


CV-278/GR Frequency Shift Converter for the R-392 HF Receiver. Converts frequency shift signals to neutral or polar marking or spacing DC impulses. 450-500 KHz input, 20/60 ma or polar output for teletypewriter. Uses tubes 8/26A6, 2/26A7.

9.1x13.8x7.3, 22 lbs sh. Less meters and knobs. #CV-278, Used, \$25.00

RFI Receivers

Singer model #NM-17/27 is a programmable, precision electromagnetic interference/field intensity meter for the measurement of conducted or radiated RF interference, within the frequency range of 10KHz to 32 MHz. May be used as a VLF unit. The instrument may be used to analyze narrowband or broadband signals within its frequency range. Field intensity or direct peak detector functions may be used for measurements in addition to quasi-peak, slide-back peak and BFO detection modes. AM, FM and PM signals may be detected and are available at the video output receptacle for oscilloscope display. Requires 115/230V at 50 to 400Hz. 18.5x16.7x8.7, 55 lbs sh. #NM-17/27, Used reparable with manual repro, \$695.00



#NM-17/37 same as above except 20MHz-1GHz, \$995

#NM-26T Stoddart type, EMI Rcvr, 150KHz-32MHz, \$595

FAIRCHILD ELECTRO-METRICS R-70B RFI RECEIVER uses 9 tuning heads covering 0.1 to 1100 MHz; with two cases & manual, #R-70B, \$1200.00

ILS Receiver



FA-8766 PORTABLE ILS TEST RECEIVER, covers 108.1 to 111.9 (5uv sens) and 329.3 to 335.0 (25 uv) Mhz with separate crystal controlled front ends feeding a common 60 mhz IF through a combiner and then converted to a 3 Mhz second IF. The RF and IF sections are in

cast metal shielded assemblies. The solid state receiver has audio and AGC detectors. The audio circuits have 90 and 150 hz bandpass filters, the audio is rectified and the output used to drive the DC meters. This unit is a good basis for modification and experimentation. Power input 120 vac or 18 vdc. Receiver has nicad battery/charger circuit. No warranty as to serviceability of battery. See our web page for more pictures. 10.1x9.5x12, 23 lbs sh. Crystals not included. With schematic/info.

#FA-8766, Used \$39.50; 4 for \$100.00

C. Crane Radios

The Freeplay Summit is a top end radio combining unparalleled sound quality with the reliability of multiple power options: wind up generator, solar and rechargeable battery pack. 4 bands: 88-108MHz, 540-1650KHz, 5.95-15.6MHz, and 146-281KHz. Digital tuning, 30 station presets, and a LCD digital display panel with backlight. 3.1x6.7x3.5, 4 lbs sh. #FRS, New, \$99.95



The Freeplay Plus combines a Baylis Clockwork Generator with advanced radio technology, a magnetic, detachable White LED light with 6-foot reel-up

cord, and a solar panel. AM/FM and continuous coverage of 10 SW bands from 3.0 to 18.1 MHz. 4 way power system: wind up generator, built-in solar panel, built-in rechargeable battery pack with the optional AC adapter. New, #FRP, ~~\$129.95~~ SPECIAL, \$99.95

Digital Wireless FM Transmitter. Wireless transmission of ANY audio to any FM Radio! Listen to streaming audio from your computer on your kitchen radio. Send your satellite radio audio to your home stereo system. Wireless transfer of MP3 audio to your car or home stereo system. It's easy to use. Plug the transmitter into the headphone jack or line out jack of any audio device, set the transmitter to any FM frequency and tune any FM radio to the same frequency. Full stereo on any FM frequency. Line of sight range of around 70 feet. Clean and stable digital tuning. Runs on included AC adapter or (2) optional "AA" batteries (not included). 3.1"Wx3.5"x1.1". 2 lbs sh. #FMT, New, ~~\$99.95~~ SPECIAL, \$79.95



Everything you need to use your FM Transmitter in your car or truck. Kit includes: Vent Clip Mount, 12 Volt into 5 Volt Power Adapter, and Cigarette Lighter Splitter. #FMK, New, \$29.95

VISIT OUR WEBSITE AT FAIRRADIO.COM

COLLINS 208U-3A



208U-3A POWER AMP automatically tunable over 2 to 30 Mhz SSB-AM-CW @ 3 KW PEP for use with URG-2 radios. Uses 4CX5000 PA tube; tune time 6 sec nominal, 10 sec max. With modules 333H-2 Electronic Control Amp, 309F-1 Digital to Analog Converter, 915V-2 Amp Control, 652J-13 Power Supply, 599Z-1 Test Panel and 915X-1 Control Monitor. Includes manual copies for all components except 915X-1 & 599Z-1.

72.5x32.6x31; 1200 lbs shipping.
#208U-3A, Used not tested less 4CX5000, \$3200.

HF-80 KW Power Amp



ROCKWELL HF-8023 POWER AMPLIFIER, solid-state 1 KW (avg) amp utilizes one driver plus four 250 W power modules to achieve rated

output; VSWR: 1.3:1. Designed for use with HF-8014A exciter and power supplies HF-8031 or 8032. Cables & manuals not available. HF-8023 (622-3490-207): 10.5x19 x25, 62 lbs sh. #HF-8023, USED, not tested, \$2950.00

HF-8030 (622-3383-001) POWER SUPPLY for HF-8020 power amp; 90 lbs shipping.
#HF-8030, unused, \$1500.00

+++++

HF-8064 4-CHANNEL HF PRESELECTOR, auto-tuned bandpass filter for HF-8054 receiver & HF-8014.

PRICE REDUCED



Provides front-end selectivity & overload protection for Rx; improves cross-modulation & out-of-band intermod. Power: 100/115/125/230 V 47-63 Hz. 5.3x19x24, 32 lbs shipping.
#622-3522-203, used, \$595.00

100 to 225 MHz Amp



AM-912/GRC AMPLIFIER-MULTIPLIER plug-in for T-302/TRC transmitter; covers 100-225 MHz FM @ 100+ watts using 4X150A tube. Controls Grid & Plate

Tune and Amp Output Coupling. Requires +750 V, 200-350 V screen, and 6.3 V filaments; with schematic. 12x6x14, 24 lbs.
#AM-912, used, \$69.50
#AM-915, 225-400 MHz; 4X150A, 4X150G. \$85.00

+++++

AM-914/TRC AMPLIFIER-CONVERTER, plug-in for R-417 receiver in 225-400 MHz range. Continuous tuning of RF and oscillator; 30 MHz IF. Modify and use as down-converter! With tubes 5670, 4/6J4. Requires 150 VDC & 6.3 V. 7.5x6.5x9.5; 15 lbs sh.
#AM-914, USED, \$35.00
#AM-1179/GRC, 50 to 100 MHz, used, \$39.50
#AM-1177/TRC, 400 to 600 MHz, used, \$44.50
#AM-3203A/TRC, 1.35 to 1.9875 GHz, used, \$49.50



602-999 MHz Amp



AM-1957 AMPLIFIER-OSCILLATOR, 601.5 to 999.5 MHz plug-in for T-893/GRC-50 transmitter. Utilizes three 7289 tubes as 651-1049.5 MHz oscillator, -50 MHz mixer and 15 watt power amp. Directional coupler detects Reflected Power and provides monitor output for external

meter circuit. RF passes through duplexer having identical receive/transmit sections each with two cavities. (Receive signal routed to separate AM-1955 receiver module.) Transmit RF then moves to second directional coupler which detects Reflected Power also with output for external meter. Wavemeter samples output RF for frequency measurement using calibration chart. Cathode current of each 7289 regulated by external 250 VDC, 650 VDC, 800 VDC, 5.7 VAC, 5.5 VAC. Schematic and info included. 8.9x11x16, 36 lbs shipping. #AM-1957, Used, \$59.50

+++++
AM-1955A/GRC AMPLIFIER CONVERTER used with R-1148A/GRC-50 receiver for 600-1000 MHz band; 60 MHz IF. Uses 4037A/2C40A tube as oscillator; also 5654, 2/5842. W/ wavemeter & calibrate book. Requires 150 VDC, 6.3 V. 15x9.5x8, 30 lbs sh. #AM-1955A, \$25.00

UHF Preselector

F-1506/G UHF Tunable Band Pass Filter / Preselector covering 225-400 MHz dial tuned. Consists of Lark Engr. FX4000-089 filter with N conn in rackmount package. 5x19x18, 25 lbs sh. #F-1506, Used, \$75.00



RF Amp / Preselector



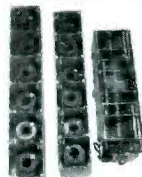
TN-612/G Prepost Selector, consists of RF preselector and broadband power amp. Pre-selector operates in four bands 1.8-3.6, 3.6-7, 7-14, and 10-24 Mhz. Microprocessor-controlled unit has no front panel controls except ON-OFF and indicators for OV DE, OVL, ATT, BITE, TUNE plus silver-plated coils and 3-gang variable capacitor. Frequency is selected by twelve Kilovac HC-1 vacuum relays and nine mini-coax relays along with motor interface adapters. Relays actuated by driver transistors. RF power amp uses four transistors S15-28, T9-0664 and two MRF-466 as output amplifiers. P/o GRC-215 HF-SSB; no further info. Requires 115/230 VAC 50-60 Hz; 4.5x19x17, 46 lbs. #TN-612, Unused, \$250

Broad Band Power Amplifier Assembly covering 1.6 - 24 MHz removed from the TN-612 pre-post selector. Uses S15-28, T9-0664 and 2/MRF-466 transistors. 24 VDC. No further info at this time. 2.3x17.3x4.5, 9 lbs sh. #AMP-612, \$79.50



Coils & Variable Capacitor from TN-612 Preselector

Two silver plated coil boxes each with six coils. The preselector was supposed to cover 2 to 30 mhz in 4 bands. 3 coils for each band. Each coil silver plated wire on epoxy from with ferrite slug is in its own compartment with a glass piston variable capacitor. 13.1x2.2x3.3, 7 lbs sh. #612-COILS, \$20.00



Three section fully shielded variable capacitor 35 - 300 pf per section. Each section is shielded from the others. The insulation material looks like ceramic. Very high quality. 10x2.7x3, 6 lbs sh. #612-CAP, \$25.00

Both Coils & Variable Capacitor. #612-KIT, \$35.00

GRT-21/22 Transmitter



T-1109 Transmitter from AN/GRT-22 Radio Set. Frequency coverage is 225-400 MHz AM in 3500 channels.

The crystal controlled transmitter has 10 watts output. Associated amplifier is the 50 watt output AM-6155 listed on page 4 of our catalog. Requires 120/240 VAC. 18x19x5.3, 50 lbs sh., #T-1109, Used, \$49.95

T-1108/GRT-21 Transmitter same as above except 116-150 MHz in 680 channels. Associated amp is AM-6154. #T-1108, Used, \$50.00

Schematic Pack // T-1108/T-1109, #SCH-T-1108, \$15.

FAA Transmitter

UHF Transmitter FAA We do not know anything about these except that they are exceptionally well built.



Please see the pictures on our web site. Has output transistor MRF325 and driver transistor MRF321. Federal stock #5825-00-140-2735. Model AN/GRN-27. Part #917800-1. Radio Navigation. Mfg by Texas Instruments. 5.9x14x4.5, 11 lbs sh. Units are in good physical condition. #FAA-UHF, Untested. \$35.

VHF Transmitter similar to above except uses MRF316, Units are in good physical condition. #FAA-VHF, Untested. \$35.00

T-195 Transmitter



T-195/GRC-19 TRANSMITTER 1.5-20 Mhz AM-CW-FSK in ten bands manual or auto tune. Power output 100 W (1.5-12), 90 W (12-16), 80 W (16-20 MHz). Uses two 4X150D tubes in power amp & 20 other tubes. Requires 22-30 VDC 42 amps input (9 amps "stand-by") for dynamotor supply. LESS METERS. With replacement knobs. Companion to R-392 receiver. 11.5x22x14.5, 135 lbs. #T-195, Used Repairable, \$225. MANUAL for T-195, partial repro, #MM-T-195, \$20.00 30" Power Cable w/ connector, #CAB-T-195, \$14.00

MD-203 FSK Modulator

MD-203/GR Radio Transmitter Modulator for the T-195/GRC-19 Transmitter. The MD-203 is a link in a complete radio teletypewriter comm. system. The teletypewriter signals developed in Teletypewriter TT-98 are supplied through Junction Box J-668 to the MD-203. The MD-203 is connected to the exciter section of the T-195 to produce shifts in the CW signal. Uses tubes 7/26A6, 1/26A7. Less knobs. 9.1x13.8x7.3, 26 lbs sh. #MD-203, \$25.



Harris Preselector



RF-551A PRE-POST SELECTOR highly selective bandpass filter for 2-29.999 Mhz range functions as pre-

selector for enhancing receiver signal reception or as post selector for reducing exciter output noise when used with 6 db pad (not supplied). 5-decade freq-control knobs & Hi-Lo Gain switch; N conn. Req. 115/230 VAC 47-420 Hz; 5.3x19x20, 36 lbs. #RF-551A, Used-nice, \$350.00 Manual, partial repro, #MM-RF-551A, \$20.00

CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

FAA Radios



TRX-103 UHF Solid State 3 channel, crystal controlled, AM Transceiver type FA-9606 covering the military aviation 225-400MHz band. Has built in speaker. 50KHz channel spacing. Transmitter output is 3

watt. Antenna impedance 50 ohms. Receiver IF is 21.4MHz. Requires 115VAC 60Hz or 24VDC. Crystals not included. Condition of internal battery AS-IS. 14.1X14.2X7.7, 43 lbs sh. Manual repro included. #TRX-103, Used Repairable, \$150.00

TRX-102 VHF AM Transceiver type FA-8979 is similar to above except covers 118-136MHz and requires 120VAC 60Hz or 12VDC. Crystals not included. Condition of internal battery AS-IS. 13.8x13.8x7.9, 38 lbs sh. Manual repro included. #FA-8979, Used Repairable, \$160.

Type FA-8960A VHF Synthesized Transceiver is similar to above except has the following: tuning level meter, Meter function switch (AVC Voltage, XMTR Exciter, XMTR Output), Digital display, Keypad, and 6 pin connector for Voice/Tone Control Cable. 13.5x12.4x6.2, 26 lbs sh. #FA-8960A, Used Repairable, \$475.00; Manual is N/A

It is unlawful to operate on these frequencies unless you have a license to do so.

Aircraft Receiver



R-761/ARC-58 Receiver covers 2 to 29,999MHz, companion receiver and exciter to T-730. Req. 115 VAC 400 Hz Input. 7.8x10.3 x23.5, 55 lb. #R-761, used, \$135

SCHEMATIC, #SCH-R-761, \$10.00

Control for freq-select; 6 lbs. #C-3141, USED, \$20.

MODULES from AN/ARC-58 or TRC-75 radio sets. Each 4.8x4.5 x1.5, 2 lbs sh. USED-not tested:

AMPLIFIER DETECTOR, 4x 5899 tubes; p/o R-761, #AM-1523, \$17.50

ELECTRONIC CONTROL AMPLIFIER p/o T605/T-730 xmitter, #AM-1525, \$15.00 ea

Similar to AM-1523, #AM-1526, \$17.50 ea

AMPLIFIER-MIXER for R-761 with ten tubes and slug rack, #AM-1528, \$45; Schematic, #SCH-AM-1528, \$3

AMPLIFIER OSCILLATOR with Collins mechanical filter P455 Z1, #AM-1529, \$28.00

MIXER OSCILLATOR, for R-761; oscillators master 70H13A, interpolation, spectrum generator Mech filters F455 Q2 & Q3. #CV-465B \$55.00 Schematic for CV-465B, #SCH-CV-465B, \$10.00

MIXER OSCILLATOR, #CV-465C, \$75.00

BALANCED MODULATOR with mechanical filters F300 Z4 and F300 Z5, etc. #MD-286A \$35.

REFERENCE GENERATOR, #SG-179A/URC, \$35.00

Sonobuoy Receiver



R-1170/ARR-52A VHF RECEIVER 162.5-173.5 MHz AM, FM and video using 31 crystal-controlled channels. Solid-state sonobuoy receiver consists of five plug-in modules; 26 MHz 1st IF, 5 MHz 2nd IF. Conversion possibilities for 2 meters, VHF weather, satellite TV, etc. (See Oct '74 CQ Mag.)

Requires external control and 18 VDC. 7.5x2.5x10, 9 lbs. #R-1170, Used, \$16.95.

SCHEMATIC, #SCH-R-1170, \$5.00 w/ set.

MANUAL, partial repro, #MM-R-1170, \$15.00 w/ set.

ARN-30D VHF Receiver



R-1021/ARN-30D VHF RECEIVER covers 108 to 126.9 MHz AM in 100 KHz steps (190 channels); originally part of air navigation system. 1st IF 11.7-12.6 MHz; 2nd 1.7 MHz. Electrically turned crystal turrets with frequency displayed on side

panel. Adjustable squelch; 300 ohm audio out. 50 ohm input impedance; BNC connection. Tubes 5718, 5840, 5896, 4/5899, 5902, 6021, 6112. Requires 28 VDC 1.8 A and 260 VDC 85 ma. 5.5x11.4x4.6, 10 lbs. #R-1021, Used, \$29.95

ARC-60 Items

R-508 AIRCRAFT RECEIVER, 118 to 148 MHz AM continuously tunable, but does not have dial; tuned remotely using control box with MC-215 flex spline (not available). 15 MHz IF; binding post & BNC antenna connections on front. Tubes 12A6, 14A7, 14F7, 2/14R7, 9002, 3/9003. Same as R-19; p/o AN/ARC-60 & ARC-type 12. Requires 250 VDC 60 ma & 28 VDC. 6.5x5x11.8, 15lbs. #R-508, Used \$20.00



O-423/AR OSCILLATOR-RELAY provides 1 KHz tone for "whistle-thru" tuning of ARC-60. 3.9x5x2, 3 lbs. #O-423, Unused, \$15.00

AT-701/ARC-60 UHF Antenna is a quarter-wave, base fed, inverted L-type design 6" vertical x 7" horizontal x 1/4" diameter, 2 lbs sh. #AT-701, Used, \$10.

ARC-105 HF Radio



RT-712/ARC-105 HF TRANSCEIVER, pressurized 618T2; modules interchangeable. Covers 2 to 29,999 MHz SSB-AM-CW in 28000 channels. Front has hour meter, C and BNC connections. Separate control needed for freq-selection. Connectors not available; Requires 115VAC 400Hz 3 Phase. 10.5x 11.5x23, 70 lbs. #RT-712, Used, \$325.00

500 KHz IF w/USB/LSB Product Detector Module. Four 500 KHz IF amplifiers with 526-9377-00 and 526-9376-00 mechanical filters produce the sideband audio. The AGC was generated by the IF/AM audio module. Also has the balanced modulator for the sideband transmit audio as part of the transceiver function. Power req. IF amp 18 VDC, Mic amp 24 VDC. w/schematic info, power connector. #105-PD, \$49.50

500 KHZ IF AUDIO AMPLIFIER, IF and Audio Module from Collins transceiver. Four stage 500KHz IF amplifier w/6 khz collins filter, AGC Detector, Low level audio amplifier. Also has 3 transistor microphone amplifier as part of its function in the transceiver. Power req. IF amp 18 VDC, Mic amp 24 VDC. w/schematic, info, power connector. #105-AA, \$32.95

Precision RF Oscillator Module produces 500 KHz and 100 KHz reference signals from a temperature compensated 3 Mhz crystal oscillator. Requirements were 3 Mhz +/- 2 hz, 500 KHz +/- 0.4 hz, 100 KHz +/- 0.4 hz. Operates from 18 VDC. w/schematic, info, power connector. #105-OSC, \$29.95

243 MHz Receiver

Transistorized Guard Receiver from modified RT-178/ARC-27 (5821-953-9695) UHF transceiver. One channel in 238 - 248 mhz range. IF's 25.1/3.48 Mhz. Has detector, noise limiter, AVC. 4/2N1745 transistors and 25.1 mhz filter. 8 x 4.5 x 4, 6 lbs sh. No Schematic. #ARC-27, used, \$20.00



Collins 618T



COLLINS 618T-2 SSB AIRBORNE TRANSCEIVER, 2-29.999 Mhz SSB-AM-CW in 28000 channels. Power output: 400 watts SSB-PEP 125 W AM-CW; 52 ohm output imp. Sensitivity SSB: 1 uv

for 10 db S+N/N. Selectivity SSB: 2.85 KHz, 6 db down; 6.0 KHz 60 db. Audio Input: 600 ohms. Uses two 4CX250's in P-A. Switch & meter monitor internal power. Separate control necessary for channel select. Racks & cables not available. Requires 115 V 400 Hz 3 phase 1 KVA & 1 phase 160 VA; also +27 VDC 4.5 amps. W/ manual repro; 7.6x10x22.2, 58 lbs. #618T-2, Used repairable with K9 osc, \$495.00

Like above but requires 28 VDC 35 A and 115 V 400 Hz 1 phase 100 VA. #618T-3, Used, \$600.00

618T power/control connector, no cover, #CONN-618T, \$40.00

MODULES FROM COLLINS 618T HF TRANSCEIVER, as removed from equipment-not tested:

AM AUDIO AMP has mech filter F500 Y60 (526 9378); 2 lbs sh. #546-6053, \$40.00

IF TRANSLATOR has LSB-USB filters F500 Z4 (526 9377) & Z5 (526 9376), Mech. filter as used in PRC-47 to modify for LSB operation, #544-9286, \$65.00

KC- FREQUENCY STABILIZER, has mechanical filter F250 F100 (526 9410) and crystal filter X250KF440 (526 7006); 3 lbs. #618-KC-FRQ, \$35.

RF TRANSLATOR with K9 oscillator, 15 lbs. #618-RF-TR, \$200.00

618T RF Reference Osc. Module, includes 3 MHz crystal oven which is divided to 500 KHz output, amplified and then divided again to produce 100 KHz output. 4.3x6x2.7, 2 lbs #528-0251-005, used, \$20.00

COLLINS 490T-1A (CU-1669A) AUTOMATIC ANTENNA COUPLER for 618T and similar 2-30 MHz transceivers; rated RF input 630 W PEP, 200 W average. Matches 25 ft or longer whip or 25-100 ft long-wire antenna to 50 ohm line. Terminal for wire and "C" coax connection. Has 5-500 pf 10 KV vacuum variable capacitor and variable step-coil. Requires 115 V 400 Hz; 7.6x 10.1x12.6, 24 lbs. #490T-1A, Used not tested, \$450.

Collins 618T URM-157 Test Set, Consists of TS-1949/URM-157 and cable which connects the TS-1949 to the 618T. The radio set control is part of the TS-1949. Has meter to indicate forward / reflected power 200/2000 watts. Also provides connections for microphone, headset, audio in, and key.

Power input connector also provided. Connections for 516H-1, antenna coupler, DC in, AC out are on the test set (Webpage for available connectors/cables). 34 lb. #TS-1949-U, Used \$350; #TS-1949-UN, Unused \$795.00

TS-1949 only, less control box, 18 lbs #TS-1949-O \$125

Collins 1000 W 100 W 2 - 30 Mhz directional coupler w/N connectors, meter, and range switch. This is the classic fully shielded detector that Collins used in many pieces of commercial and military equipment. #DC-COLLINS, \$75.00



Removed from equipment. #DC-COLLINS, \$75.00



HF Dummy load 240 watts, 50 ohm. Assembly has 4 Carbonium 50 ohm 60 watt noninductive resistor, 2 75 pf doorknob capacitors. Removed from equipment. #240DL, \$30.00

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ARC-51BX UHF Tx-Rx



RT-742/ARC-51BX UHF Aircraft Transceiver, 225-399.99 MHz AM in 3500 available channels, 50 KHz spacing; also has guard channel. Output 16 watts min. RF impedance 52 ohm input & output. Audio and mic impedance 150 ohms. Doesn't include ID-1003 SWR indicator; separate control box necessary for function & freq-selection. W/ tubes 4/ 7077 and 4/ 7544; requires 27 VDC 13 amps. 7x9.5x15.1; 35 lbs. #RT-742, Used, \$150.00

ARC-109 Transceiver

RT-749/ARC-109 UHF AIRCRAFT TRANSCEIVER, solid-state Collins unit operates on 225-399.95 MHz AM, DSB and A3 phone @ 30 watt min. 3500 available channels in 50 KHz intervals plus 243 MHz guard channel. Uses 4631 tube in P-A; 150 ohm audio/ mic impedance. C-6364 control necessary for channel select; cables & racks not available. Replaced ARC-27-34-51-52. Requires 115 V 400 Hz 3 phase. 6.8x9x16, 29 lbs. #RT-749, Used, \$350.00



SCHEMATICS f/RT-749, repro, #SCH-RT-749, \$12.00 CONTROL, used, #C-6364, \$45.00 w/set purchase.

FM Transceiver



MAGNAVOX FM-622 (RT823/ ARC-131) Airborne Transceiver, covers 30-76 Mhz FM in 920 channels, 50 KHz steps. Output 1 watt in LO; 18 W max HI @ 29 VDC RT has Squelch Disable & Adjust, Test switch. Meter monitors +24 V+16 V-AGC-RF FWD- RF REFL-OFF. Control box provides channel

select, Volume, Squelch, OFF-TR-RE-TRAN HOME switch. Has some modules common to RT-524/VRC-12. Requires 24-29 VDC 4 amp max. Rack & cables are N/A. 7.8x5.9x15.6, 31 lb #FM-622, Used w/control box, \$250.00

Collins VHF Tx-Rx Set

AN/ARC-73 AIRCRAFT RADIO SET designed by Collins; consists of T-879 (17L-7A) transmitter, R-1123A (51X2B) receiver, C-4074 (614U) control and MT-2699 rack. T-879 covers 116 to 149.95 MHz AM in 50 KHz steps (680 channels) with 25 watt output to 133.95 MHz and 20 W min. above. Sidetone level 100 MW into 500 ohms; mic impedance 100 ohms. R-1173A covers 108 to 151.95 MHz in 50 KHz steps (720 channels). Sensitivity 3 uv; audio output 500 ohms. Both have antenna input impedance of 52 ohms and require 27 VDC (7.3 amp max transmit) power. Both utilize tubes and transistors. C-4074 control sets frequency on mechanical counter and has Volume, Squelch, and On-Off functions. Mating connector not available. MT-2699 rack is unused but is missing connectors. Operator's manual and schematics included; 9.5x8.5x16, 40 lbs. #ARC-73, used, \$189.50



TRANSMITTER only; 20 lbs #T-879, Used, \$79.50

RECEIVER only; 19 lbs sh. #R-1123A, Used, \$85.00

CONTROL BOX for frequency select, volume control, etc; w/ set purchase. #C-4074, Used, \$20.00

ARC-54 Transceiver



RT-348/ARC-54 VHF Aircraft Radio Set, FM unit covers 30-69.95MHz in 800 channels with 50Hz spacing, 10W, X-mode capable, 27.5VDC at 7 Amps, Manufactured by Collins. 15x5x7.7, 25 lbs sh. #RT-348, Used, \$175.00

VHF Transceiver

RT-723A/GR VHF Transceiver covering 118 to 149.95MHz in 50KHz steps. Rackmount unit comes with Wilcox 807 transceiver and control box. Requires 115VAC 60Hz. 17.8x19x10.5, 77 lbs sh. #RT-723, Used, \$450.00



Test Panel



Test Panel for Wilcox 807 VHF transceiver with control box 97733-100, ITT Cannon connector for rear of Wilcox 807, test points for the following: Data Link input, 0 dbm input, mike input, data link output, receiver output, sidetone output, detector meter, detector input, scope output, Mike, sidetone, and receiver audio jacks. External squelch; on/off, control, disable. Audio on/off. PTT disable. Overall dim., 15.8x22.2x8.8, 32 lbs sh. #807-TP, Used, \$115.

Test cable with male/female connectors to extend Wilcox 807 radio from mount. Length approx 3 ft. #807-CABLE, \$30.00

Control box for Wilcox 807. #97733-100, \$50.00

Rack Cabinet only from above less the front panel, control box and cables. Has a 7" height opening and an allowance of 14" deep. Has lowered sides. The top of the cabinet opens for easy access. Has 2"Hx20"W hole along the base of the cabinet. 28 lbs. #807-RACK, Used, \$35.00

GRC/VRC Equipment



RT-68/GRC TRANSCEIVER, 38-54.9 MHz FM continuously tunable or 100 KHz-step channels. Receives and transmits both voice and 1600 Hz ringing FM; range 10-15 miles. Receiver circuit has variable 1st IF 4.45-5.45 MHz and fixed 1.4 MHz

2nd IF; also squelch and 600 ohm audio output. Transmitter uses crystal-controlled oscillator and oscillator power amp; power output 2 watts (LO) or 15 W (HI). Also meter to monitor xmitter filaments and 90 V input. Requires PP-109 or -112 power supply. Tubes 4/1U4, 2E24, 2/1A3, 2/1L4, 4/1R5, 2/1AE4, 1S5, 4/3Q4, 3A4, 3/3A5, 2/3B4, 6AK5. 9x13x11.3, 42 lbs sh. #RT-68, USED, \$115.00

TRANSCIVER, 27-39MHz, #RT-67, USED, \$99.50

TRANSCIVER, 20-28MHz, #RT-66, USED, \$89.50

PP-112/GRC 24 VDC SUPPLY for RT-66-67-68 transceivers; provides all voltages from 24 VDC 6.5 amp input. Case may have casting chip(s); 7.3x9 x13, 39 lbs sh. #PP-112, USED, \$27.50.

PP-109 Supply, 12 VDC 12 A input. #PP-109, Used, \$35

#CX-1211 INTERCONNECT CABLE, RT: PP units, \$12



R-108/GRC RECEIVER, 20 to 28 MHz-FM continuously tunable with variable squelch; 4.3 MHz I.F. Audio output: 600 ohms. RF input: 50 ohms. With tubes 3/1U4, 2/1L4, 1A3, 2/3A4, 1S5, 2/3Q4, 2/6AK5 & 0B2. Requires 135 VDC @ 70 MA. and 6.3 VDC 2 amps. 7.5x9x132; 32 lbs shipping. #R-108, GOV'T-RECONDITIONED, \$55.00

R-109 RECEIVER, same as R-108 except 27-39 MHz. #R-109, Used, \$45.00

USB Receiver-Exciter



RT-662/GRC-106 TRANSCEIVER, 2 to 29.999 Mhz USB-AM-CW-FSK; tunes using 5-decade mechanical switches to 1 KHz steps + vernier. Exciter output 100 MW. Controls: Service Selector, PA Load, Squelch, Noise Blanker, BFO and audio functions. LESS Signal Level meter. Requires 24 VDC 10 amp; 7x18x13, 56 lb sh.

#RT-662-UR, Used Repair. not tested/LESS meter, \$275

#RT-662-CH, "Checked" w/ meter (not original), \$450

RT-834/GRC-106A, similar to RT-662 above but 2-29.9999 MHz, 0.1 KHz increments. Used: #RT-834-UR, Repairable no meter, \$300.00

#RT-834-CH, Checked with sub meter, \$495.00

GRC-106 MODULES for RT-662 and RT-834, most modules available except 1A3 Freq-Standard removed from "used" radios. 2 lbs sh. Price: UNTESTED, \$20 ea. Add \$20 per module for "CHECKED" modules. #MOD-(specify module #-) (specify RT #-) (untested "UNT" checked "CH")

AM-3349/GRC-106 POWER AMP for RT-662/834; amplifies 100 MW RT output to 200 W AM or 400 W PEP. Uses two 4CX350FJ tubes. Requires 28 VDC 1 KW max; 77 lb #AM-3349-UR, Used Repairable w/ original meters, \$750



#AM-3349-AI, Used As-Is, less meters, \$400. Manual, partial repro GRC-106/106A, #MM-GRC-106, \$40 Operator's Manual, GRC-106/106A, #OM-GRC-106, \$12 HANDSET, #H-33, used-checked, \$17.50 MIC, #M-29B, used, \$12. Headset, #H-227, \$17.95 MOUNT & SIDE PLATES, 25 lb. #MT-3140, used, \$35. INTERCONNECT CABLE, #CX-10099, used, \$20.00 ANTENNA CABLE, 4 lbs. #CX-10171, used, \$22.00 Suppressor see pg 26 for descript. #MX-7777B, \$22.00 TELETYPEWRITER, 100 lbs, #UGC-74, Used, \$85



MD-522A/GRC MODEM, modulator-demodulator for GRC-106/106A HF radios and teletypewriters TT-4A, TT-76, TT-98, UGC-4 or UGC-74.

Permits transcription of voice, narrow (NSK) or freq (FSK) shift keying, freq-diversity and NSK +voice. One-way or duplex Send-Receive. Internal loop voltage 120 VDC 60 ma max. Has 2BP1 CRT, U-77 mic & 600 ohm audio connections. With original volt-current meter for customer to install. Req. 24 VDC 1.4 A; 7x18x13, 41 lb. #MD-522, Used, \$165.00 Manual repro, #MM-MD-522, \$35.00 Power Connector, #PC-MD-522, \$10.00

GRC-109 Supply

PP-2684/GRC-109 POWER SUPPLY provides voltages for RT-3/T-784 and R-1004/RR-2 from 75-260 VAC 40-400 Hz or 6 VDC 13 amp input. Meter monitors AC input; connections for RX and Tx. 10x8.5x5.5, 28 lbs sh. #PP-2684, Used, \$29.95



PP-2684A, Similar to above except larger case with snap closures. #PP-2684A, Used, \$32.00

Manual for GRC-109, partial repro, #MM-GRC-109, \$20

VOLTAGE REGULATOR, for use with G-43 generator and R-1004; 6 ft cord with PL-244 plug; 4 lbs sh. #CN-690, Used, \$19.95

GRC Audio Amp

AM-65/GRC AUDIO AMPLIFIER, 3-channel audio for RT-70 transceiver; also works as power supply when PP-281 or -282 modular supply is installed inside AM-65. 4.4 x 8 x 13, 17 lbs sh. #AM-65, Used, \$35.00



Dogbone Cable RT-70/AM65. #CX-1213, Unused, \$22.

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R-442/VRC Receiver



R-442/VRC RECEIVER 30-75.95MHZ FM RECEIVER. 920 50 KHZ CHANNELS. Has noise and tone operated squelch. Normally used with antenna system AB-15, MS 116, 117, 118. Power connections through MT-1898 mount and DC power cable, CX-4720 which are included. 13.5, x 5.8 x 8.9, 31 lb sh. #R-442, Used Repairable \$300.00

TRC-68 Transceiver

RT-441B/TRC-68 Transceiver 225-400 Mhz AM. 1960's vintage transceiver, basically same as RT-323/VRC-24, rated 16 watts minimum 225 to 400 Mhz. As pictured, no case, no dynamotor/power supply. Voltages required 26.4vdc 125 vdc 300 vdc. Utilizes the following tubes. 7/5670 10/5654 6442 4x150d 7554 6/6j4 6/5670 4/ 5763. 15.2 x 9.5 x10.2, 47 lb sh. #RT-441, Excellent condition \$200.00 Manual Repro, #MM-TRC-68, \$35.00 #MT-1436 Terminal Box less cover. Unused, \$20.00



2-12 MHz USB 100 Watt



RT-671/PRC-47 HF TRANSCEIVER, 2 to 11,999 MHz USB (voice and CW+800 Hz) in 1 KHz steps. Output 100

watts PEP (Hi) or 20 W (Lo). FSK possible with accessory converter (not available). Transistorized except for PL-177WA tube in power amp and 5907, 7761, and 7905. Has 5-be mechanical digital tuning, P-A Load and Tune controls, and XMTR Output Meter. Designed for field or vehicular use; operates from either 24 VDC 20 amps or 115V 400 Hz. 7x21.3x13.5, 45 lbs. #RT-671-UR, Used, \$150.00 #RT-671-CH, Used Checked, \$295.00

MANUAL for PRC-47, partial repro, #MM-PRC-47, \$25. LONG-WIRE ANTENNA, 3 lbs., #AS-1321, \$15.00 HANDSET, #H-33, used-checked, \$17.50 "Y" CABLE for H-233 to RT, #CX-8396, \$8.00 50 ft AC Cable, #CX-8393, \$15.00 Battery Cable, #CX-8395, \$8.00 BACKPACK FRAME only w/ harness, #PRC-47-BF \$12.50 SILVER CELL BATTERY, 24 VDC 25 AH for PRC-41/47, 15 lbs sh. #BB-451, UNUSED, \$225.00 ALUMINUM TRANSIT CASE, 65 lb #CY-3700, \$28.00 TUBE USED STT, #PL-177WA, \$25.00

MODULES from PRC-47 transceiver. Used not tested: AUDIO AMP has mic, sidetone, vox & compressor circuits of TX; AGC & audio for Rx. Requires 20 & 24 VDC. 4.3x4.3x2.8, 2 lbs. #AM-3506, \$15.00



AMPLIFIER MODULATOR contains LSB 500 KHz mech filter F500-Z5 (#526-9376) plus balanced modulator and product detector. Requires 20 VDC; 4.3x4.5x1.3, 1 lb. #AM-3507, \$35.00 Connector set. #AM-3507-CON, \$6.00

CONTROL OSCILLATOR, 3 lbs. #C-4311, \$25.00

SIGNAL DATA TRANSLATOR with tubes 5907, 7761, 7905; 5 lbs sh. #CV-1377, \$50.00

RF OSCILLATOR contains 3 MHz crystal in oven; produces 500 and 100 KHz outputs. Requires 20 VDC; 4.3x4.5x1.3, 1 lb sh. #O-1032, \$20.00

POWER SUPPLY, 16 lbs sh., #PP-3518, \$25.00

Eastern Block Radio



The Russian Tube Type Radio R-105M was intended for use by infantry units. Operating in one continuous band on 36-46.1mc, with an intended channel spacing of 25 or 50kc. RF power output is rated at 1 watt, FM. Power is derived from two internal Nicad batteries. Durable bakelite housing. Removeable front and back covers. With accessories. 12.3x5.5x11.7, 23 lbs. #R-105M, Used, \$250.

PRC-25/77 Backpack Radio



RT-505B/PRC-25 TRANSISTORIZED BACKPACK TRANSCEIVER, 30-75.95 MHz FM in bands 30-52.95 MHz (Lo) and 53-75.95 MHz (Hi) with 50 KHz spacing. Output: 1.1 to 2.0 watts; 150 Hz squelch. except 2DF4 tube in power amp. Requires 3 VDC 400 ma and 15VDC 1.4 amp supplied by BA-4386 battery. RT-505B has modified A25 audio module for broadband use with C-7673/PCC-1 and CU-2194 diplexer. 4x11x14, 18 lbs. #RT-505B, Used, \$300.00 RT-841/PRC-77, Similar to above, #RT-841, \$550.00

Manual for PRC-25, partial repro. #MM-PRC-25, \$20.00 Manual for PRC-77, partial repro. #MM-PRC-77, \$20.00 Backpack Harness. #ST-138, Used Excellent, \$35.00 RIBBON ANTENNA, #AT-892, used, WRITE RUBBER BASE for AT-271, used, #AB-591, \$12.00 BATTERY f/ PRC-25-77, "weak" #BA-4386, 3/\$5.00 BATTERY, 1995 X-date (no UPS or air), #BB-5598, \$4.00 ACCESSORY BAG, used, #CW-503, \$7.00 HANDSET or = for PRC-77/25, #H-250, Used, \$18.00 Original Op's Manual f/ VRC-53 (PRC-77 & AM-2060) #MM-VRC-53, \$20.00

PRC-25 Accessory Kit consisting of H-250 handset, AT-892 ribbon antenna, AT-271 telescoping antenna, AB-591 rubber base for AT-271, and CW-503 bag which holds all the before mentioned accessories. 6lbs sh. #PRC-25-KIT, Used, \$69.50



AM-2060 Audio Amplifier / Power Supply with interconnect cable CX-4655. PRC-25 or PRC-77 transceivers sets on and plugs into AM-2060. Unit has a speaker for the transceiver, remote antenna tuning for the AS-1729 antenna and allows 24VDC vehicle electrical to power transceiver. Comes MT-1029 mount. 11.8x15x6.7, 23 lbs sh. #AM-2060, Used, \$360.00



AN/GRM-55 TEST SET, used to check test points in modules of RT-505/PRC-25 transceiver and to isolate circuit problems. (Indirect tests only of modules A2, A12-13, A19-20.) Includes TS-1755 test unit, MX-4622 probe, and CG-409 BNC cable. Requires 12.5 VDC 1 W per 5 sec test. 5.5x7x8, 10 lbs sh. #GRM-55, Used, \$45.00 As above except w/ test cable CX-8593, \$64.50



6 Meter Diplexer



CU-2194/URC DIPLEXER, passive two-port notch filter and combiner network; allows simultaneous use of two transmitters, receivers, or transceiver on a common antenna provided that operating frequencies are slightly offset. Usable over 30-76 MHz FM for use with PRC-25-77 & VRC-12 transceivers; will work with commercial 6-meter equip. Has NULL METER, TUNE controls, Fine-Coarse-Monitor MODE Switch and RT1-RT2 BNC connections. Unit may function as man-portable relay terminal. Maximum RF power to each channel: 65 watts cont. Operational isolation: 45 DB min @ 2 MHz separation. Insertion loss: 2 DB max; VSWR 2.0:1 max. 4x11x7, 10 lbs. #CU-2194, Unused, \$69.50; #MM-CU-2194, Original Manual, \$10

PRC-41 Manpack

RT-695/PRC-41 UHF MANPACK UHF TRANSCEIVER, 225 to 400 MHz AM in 100 KHz steps counter; output at least 3 watts over range. Also has guard channel, Volume, Squelch, and U-77 connection for H-33 handset. Solid-state except for tubes 6442, 4/7077, and 4/7544. Requires 24 VDC 3 amps; 14x11.3x4.5, 22 lb. #RT-695, Used, \$149.50 Used Checked, #RT-695-CH, \$295.00 Manual for PRC-41, partial repro, #MM-PRC-41, \$20.00 HANDSET, #H-33, used-checked, \$17.50 VEHICLE MOUNT for PP-3700, 4lb., #MT-2977, \$9.00



PRR-9/PRT-4 Radios



GOV'T-RECONDITIONED each single channel with crystal for 51 Mhz FM: PRR-9 RECEIVER with earphone, antenna, & operator manual. Requires 5 V 25 ma battery power; 7x3.5x1.5, 3 lb. #PRR-9-GR, \$40.00

AN/PRR-9 (XE-9) SET, updated PRR-9 with "squelch"; requires 3 VDC input from BA-4534 battery (N/A). With AS-1998 ant, earphone, lanyard & op's book; 6 lbs. #PRR-9-UN, Unused, \$89.50 Manual repro for PRR-9/PRT-4A, #MM-PRR-9, \$15.00 Horn speaker for PRR-9. #PRR-9-HO, Unused, \$5

AN/PRT-4 w/ antenna & battery box, Used less crystal, #PRT-4, \$20.00

AN/PRT-4 "AS-IS", less crystal, antenna, & battery box; for parts or experiment, #PRT-4-AI \$8.

CX-11991 Battery ext. cable f/ PRT4. Used, \$15

PRC-75 Radio



RT-976A/PRC-75 UHF TRANSCEIVER, rugged handheld ground-to-air tactical synthesized radio covers 225 to 399.95 MHz AM-CW in 50 KHz steps (3500 channels). Power output >1 watt. Has three thumb operated dials to set frequency; design frequency accuracy 1 part / 100000. Also has 1000 Hz audio beacon-DF tone. RF input 50 ohms; audio output 600 ohms. Requires 18-30 VDC from battery pack (not supplied); no accessories; 1.6x4.3 x8, 6 lbs. Look nice, complete but not working. #RT-976A, Not reparable "As-Is, \$75.00

RIBBON ANTENNA, fastens to RT-976/PRC-75 225-400 MHz handheld transceiver; 14.6"L. snap fasteners. #AS-2447, NEW, \$10.00

ANTENNA ADAPTER, allows for BNC coax antenna connection. #UG-1884, New, \$9.95

SEM-52 Handheld

German-made unit can operate on six preset channels (2 supplied) in 47-56.975 MHz FM range @ 300 MW; 25 KHz spacing. Has Off-On-Squelch (AUS-EIN-RSP), Volume & Channel (KANAL) select. Requires six AA-batteries. Includes RT, 35" ribbon antenna w/ flex base, "web" headset-mic and carrying bag. May not comply with FCC regulations. 7.1"Hx3.4"Wx1.5"D, 4 lbs sh. #SEM-52, Used-clean not-tested, \$125.00



PRC-6 Handheld



RT-196/PRC-6 FM TRANSCEIVER, Israeli 1950's vintage single-channel crystal-controlled in 47 to 55.4 MHz range. Output good to about 1 mile depending on terrain and weather conditions. Handheld unit has push-to-talk switch, Volume Control, ribbon antenna, carrying strap and connection for H-33 handset. Uses CR-23 crystal (not included). With tubes 6/ 5678, 3B4, 3/5672, 2/5676 and 2G21. Requires 1.5, 45 and 90 VDC usually supplied by BA-270 battery (not available). 15x5x4.5, 6 lbs, #PRC-6, Used, \$99.50

Original Manual for PRC-6, #MM-PRC-6, \$10.00

Crystals for PRC-6, specify 1st, 2nd and 3rd choices of desired working freq. #PRC-6-CR-(freq.), \$10.00 ea

PRC-41 Power Amp

PRC-41 UHF Power Amp AM-6669 RF Power Amplifier, designed for use with PRC-41 transceiver, but usable with other 225-400MHz xmitters such as PRC-66, ARC-45, etc. Power output: 10 watts from 2-3 W input; "N" connections Solid-state; 24 VDC required. 5.3x6x9.8, 10 lbs sh. #AM-6669, Used Repairable, \$250



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GRC-213 Amp / Supply



AM-7152/GRC-213 Amplifier / Power Supply / Squelch unit. The unit increases audio output and provides squelch circuitry for the AN/PRC-104, which the transceiver does not itself incorporate. It also provides DC power for the PRC-104. The AM-7152 may be used with the RT-1209/PRC-104 to provide audio and squelch without the entire GRC-213 set, or with any other HF/SSB transceiver that does not have squelch capability of its own such as the AN/PRC-74 or AN/PRC-47 sets. Requires 24VDC. 10x12.5x3.5, 14 lbs sh. #AM-7152, Used reparable, \$235.00

Military Batteries



BA-5598 LITHIUM BATTERY for RT841/PRC-77/25 radio; output 12.5 VDC. Two BA's fit RT battery box. Has discharge switch to make non-reactive after final use; 1995 expire date. Class 9 hazardous item; USPS Shipping ONLY. 3.5x4.8x2.1, 2 lbs sh. #BA-5598, Unused, \$4.00 ea; 2/\$6.50; 24/\$50.00

Rechargeable Nickel Cadmium Battery for PRC-68/68B/126/128 radios. 15 Volts 0.80 AH at 0.16 A. Date Code: 11/89. 1.5 x 4.3 x 4, 3 lbs. #406870-1, Unused, \$32.50



Military Nickel-Cadmium Battery Pack, four D-cell batteries in plastic pack produces 4.8 V 3.2 amp-Hr; 3/80 date code. 3.5x5.5x1.5, 3 lbs. #4D2704, 5 for \$10.00

BA-48 Battery for GRC-9 Receiver section. +90V & 1.5V. Date code is 0486 but still check good. No stains. 8 lbs sh. #BA-48, \$5.00

BB-490 Battery/Charger



Lead Acid Battery Pack with Charger, consists of two BB-490 military batteries each rated 24VDC (2x12 VDC) 1.8 Amp-Hrs @ 0.35 amps; AM5-H6 charger fits on top of BB-490 or similar batteries and shows "charging" and "ready" on LED indicators. MPS-CH2 charger power supply output 16VDC 1.5 A from 115V 60 Hz input. BB-490 used in PRC-104, etc. radios; 4.3 x 5 x 2.5. Kit 9 lbs sh.

#BB-490, New, \$19.95; 3 for \$50.00

GRC/PRC Battery Test

AN/PSM-13 BATTERY TEST SET; checks GRC and PRC-type battery packs BA-270, -279, -376, -377, -4386/398/ PRC-25, -399, and -505. Meter indicates BAD-GOOD (FS=1 MA). With adapters U-240, -241, -314, -315, -347, -410 & canvas case. 7 lbs. #PSM-13, Used excellent, \$24.95



Military Battery Tester



TS-183 Battery Tester. Checks a large number of different military batteries for radios such as PRC-6, PRC-10, PRC-25, BC-620/659, GRC-9, and many many more. For a complete listing of the batteries see our website at www.fairradio.com/ts-183.htm. 10.2x15.3x7.4, 18 lbs sh. #TS-183-U, Used, \$30.00 #TS-183-GR, Gov't Recon., \$49.95

ARC-34 Test Set



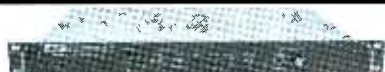
AN/URM-76A Radio Test Set for ARC-34 radio can be used as a DC voltmeter with the following DC voltage ranges: 1.5, 5, 15, 50, 150, 500. Uses 3.5 inch 50 micro amp DC meter. Case containing meter, 1% precision resistors, 20 position test switch, probes, aluminum case with cover. The unit can be easily modified for other test uses. 4.3x8x7.5, 8 lbs sh. #URM-76, Used good condition w/ schematic, \$18.95

600W Power Meter

ME-165/G STANDING WAVE-RATIO POWER METER, designed for use with T-368 400 W transmitter; uses 12/600 ohm 50 W non-inductive resistors in parallel to provide 52 ohm 600 W load with SWR of 1.1:1 or less upto 30 MHz. Has 0-600 Watt meter, function switch Power-Adjust-SWR-Operate, & N connections. Flanged on back for wall mount. 1.5x9.8x9.8, 20 lbs. #ME-165, Gov't-Recon, \$125.00 Manual repro, #MM-ME-165, \$8.50



Noise Reduction Unit



JPS Communications NRU 500 Noise Reduction Unit originally designed to improve the signal to noise ratio of HF communications. The unit removes broadband noise, repetitive impulse noise, tones, hetrodynes, and receiver birdies. The unit can be used to process any audio speech signals. Output impedance 600 ohms. Controls on front panel, power; Noise reduction-Max-med-min; bypass on-off; signal LED; in and out level adjust(scdvr); squelch; speaker; phones; monitor level. Requires DB-9 M and F, not included. Requires 115/230V. With manual repro. 8 lbs sh. #NRU-500, Units are in excellent condition, \$325.00

Battery Boxes

CY-7541/PRC-104 BATTERY BOX, plastic box clips onto PRC-104 backpack radio set and will hold 16 silver-zinc (or =) batteries that provide 20-32 VDC. Side unscrews to insert batteries; 3.8x12.5x2.6, 4 lbs. #CY-7541, unused, \$25.00



CY-6327A battery box for PRC-66 backpack transceiver. 2.6x10.5x5, 3 lbs. #CY-6327A, unused, \$14.95

CY-744 Battery Box for the PRC-10 backpack radio. 9.4x9.7x2.5, 4 lbs sh., #CY-744-U, Used, \$29.50 #CY-744-GR, Gov. Recon., \$45.00



AA-BATTERY BOX for Trimble Navigation Trimpack GPS receiver. Clips onto & allows operation of GPS from 8 - AA batteries (not included). 1.6x 6.5x1.5; 1 lb. #GPS-13828-00, NEW, \$22.00

Vintage Connectors

"Other Vintage Connectors"

PL-59	BC-191 / 375	\$12
PL-61	BC-191 / 375	\$18
PL-64	BC-191 / 375	\$18
PL-134	RU-18	\$15
PL-135	RU-18	\$15
PL-164 2 f	SCR-522	\$12
PL-167 4 f	SCR-522	\$12
PL-169 12 f	SCR-522	\$12
PL-171 6 f	SCR-522	\$12
PL-172 2 f	SCR-522	\$12

Three pin connector pair. MS3114E8-3S chassis male and MS3116P8-3P cable female connector pair for audio or low current voltage use. Wire can be easily soldered to the gold plated pins. These connectors lock together with a half turn cam action. They will not come apart from vibration. Excellent for use in vehicles and high vibration applications. Removed from unused equipment. #3PIN-PR, \$15.00 per set

GRC/VRC male connectors, specify type & equipment used. #CON-(equip)-(strain="st" crimp="ct") Used-cut-offs: Strain type, \$7.50 each; Crimp type, \$3.50

Audio Connectors: #U-77, \$4.00 #U-229, \$5.00

Radio Cables

CX-1209/VRC Power cable for the RT-70 Transceiver when used with the CY-590 battery box. Unused, \$17.

CX-4720 VRC DC Cable, 8 feet. \$12.00

CX-4721 Extension Cable for DC power 5ft. Unused, \$14

CX-4722 VRC Control Cable, 5 feet, \$10.00

CX-4723 VRC Control Cable, 4 foot, \$10.00

CX-7867 AUDIO CABLE, 25' U-229 /-228, \$10.00

CX-11016 2/19 pin male connectors 6 ft. Unused, \$10.

CX-12991 KY-57 to PRC-77 CRYPTO cable NSN 5995-01-058-2513. Used, \$12.00

CX-13089 Vehicular power cable for use with MX-7777 or vehicles with 3 pin power sockets. 5 ft 4 conductor #14. Unused, \$10.00

Vehicle power socket 3 pin female to mate with CX-13089 cable. #CONN-13089, Unused, \$12.00

Vehicular power cable for use with MX-7777 or vehicles with 3 pin power sockets. 5995-01-119-9271 4 conductor #14 12ft. Same connectors and pinout as CX-13089. #CBL-13089-2, Unused, \$14.00

CX-13134/U DC power cable 3 pin connector fits MX7777, Crown CC229935-2P, and 4 pin PTO6E-8-4S. Unused, \$12.00

CX-13143 6 Ft DC power Cable for the AM-4979 and AM-6747 amplified speakers. Unused, \$12.00

CX-13300/VRC Audio cable 2 ft. Used, \$15.00

Crypto Cable RT-1209 PRC-104 to KY-99. 2 feet. #CBL-104, Used, \$17.00

SM-D-915890 Battery back up cable for UGC-74 MS3116E-12-3S, other end fits the batteries used with PRC-25/77. Unused, \$15.00

30" long two conductor 8 gauge cable with a standard GRC 4 pin female connector for T-195, GRC-106, etc. on one end going to two bare wires on the other. The 4 pin connector is a commonly used on many GRC equipment for power in. 2 lbs sh. Used, #GRC-CBL-30, \$14



Adapter, 33" cable with a U-77 audio connector on one end and two U-79 connectors (mates to U-77) mounted on a panel box on the other end. 3 lbs. #J-654, Used, \$12



Vehicular DC power splitter. One male connector and two female connectors. #CBL-VEH, Unused, \$25.00



MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

ARC Type Connectors



Hard to find ARC connectors for the WW2 Command Sets and later ARC Type 12 Radio Sets. Some of these connectors can be used as is. Some need to have guides filed off. Much information is in the Tauson book, "A Users Guide to Aircraft Radio Corporation Receivers." Also see the ARC connector catalog reproduction. Connectors are unused unless marked Used. "M" designates Male and "F" female.

ARC #	pins	m/f	Works with	Price
16743	12	f	CV431	\$15
12341	19	f	C-2275 R-836 R1021 C3436	\$15
14320	19	f	C25 Control	\$12
12370	2	f	TYPE 12 15 Power	\$10
12427	2	m	Chassis Type 12 Rec 15 Rack	\$10
12426	3	m	Loop Antenna Connector R836	\$10
14052	4	f	T11 13 Power	\$15
12337	4	f		\$10
16104	4	f		\$12
12338	8	f	15 & Command Racks w/ Mod.	\$15
15912	8	f	Modulator Command Rack	\$15
14050	8	f	T11,13 Mod f/ Command Racks	\$15
12097	8	m	Chassis type	\$10
PL-151	6	f	Modulator and Receiver Rack	\$15
PL-153	18	f	Modulator tx Control Boxes C38 MD-7	\$15

A User's Guide to ARC Corp Receivers - by M. Tauson; ARC-5, ARC-type 12 etc, #BK-USER5, \$10

ARC Connector Catalog reproduction, #CAT-ARC, \$5.00 each

Terminal Panel



Military Terminal Panel with ten heavy duty push terminals with insulation and 5 pin military audio connector U-183/U that mates with the U-229 as used on many military radios. Also has 4 pin male power connector MW20M(M)A00 M55181/2-

01. The two connectors have rubber protective covers to resist moisture and dirt. 1.9x6.6x4, 3 lbs. #TP-10, Removed from unused equipment. \$14.95

Canvas Bags & Covers

BAGS & COVERS may be used or unused. May have minor wear, tears or discolor:

SHOULDER BAGS with adjustable straps; USED:
 #BG-175, 10x8x10.5, \$12.00
 #CW-189, 10x9x10, \$10.00

GRC/VRC EQUIPMENT COVER
 #CW-140 for GRC-9, Used, \$10.00
 #CW-329 for GRC-3-8, Unused, \$14.00

ANTENNA ROLL BAGS f/ MS-116 etc mast sections,
 #CW-206-U, Used, \$7.; #CW-206-UN, Unused, \$15.
 #BG-174, Used, \$15.00

Cargo Sling-Heavy Duty Tow Straps. This item is a 15,000 pound cargo sling and consists of four sections, each is constructed of four 15 foot seatbelt type OD nylon straps which



are looped on one end with an 76 inch chain and catch arrangement on the other. The loop ends are all joined together by a large loop of webbing. This loop can be removed to separate the four individual straps for use as tow straps or whatever. #CS15K-SLING, 105 lbs sh. Unused, \$69.50

Single strap from above w/ chain and catch,
 #CS-STRAP, 25 lbs sh. \$25.00

Control Boxes



C-375 Control box for radio sets GRC-3--8 or VRC-8--10. Unit is a remote junction point and switching unit for the control and audio lines to two sets. 3.2 x 6.8 x 7, 6lb, #C-375, Unused, \$22.00

C-2298/VRC Intercommunications Control used in RT-524/VRC installations with AM-1780 amp; monitors three radios A-B-C. Volume control and two connections for U-229, 5.8x4.5x3.3, 4 lbs. #C-2298-U, Used, \$22.00



C-2999 Control Box for the VRC-12 (RT-246 or RT-524) radio system.
 #C-2999, Used with used knobs, \$25.00



VRC Control Box - similar to C-2298. 3.5x6x4.5, 5 lbs. #C-10456, Used, \$35.00

C-2742 VRC Remote Control Box works with the RT-246. 3.3x6x4, 4 lbs. #C-2742, Used, \$25.00



LOCAL CONTROL p/o GRA-6, #C-434, Used, \$29.00
 CONTROL for duplex GRC-3-8; #C-435, Used, \$19.



C-87/ART-13 Control Box for ART-13 transmitter. Has 11-position CHANNEL selector, OFF-VOICE-CW-MCW select, PTT button and IC jack. 3.5x6.3 x3.3, 3 lbs. #C-87, UNUSED. \$20.00

SB-327/ARC CHANNEL SELECTOR 24-51.9 MHz FM in 100 KHz steps on 3-digit counter; used with RT-294/ARC-44 Tx-Rx. 3x5.8 x4.5, 3 lbs sh. #SB-327, used, \$30.00



SWITCH BOX, #SA-474, \$10.00



BC-1366 JACK BOX, switch "Comp-Liaison-Command-Inter-Call", Increase Output pot, 2 phone jacks. 3.3x4.8x3, 2 lb, #BC-1366, Used, \$7.95

RM-52 REMOTE CONTROL for radio and intercom set. Has transformer, mic & phone jacks. Source for "Macy's Phone Patch" project. 7.3x3.5x5, 5 lbs. #RM-52, Used, \$4.00



BC-1361 SWITCH BOX, p/o RC-298 interphone kit for SCR-528/628 radios in Sherman tanks. With Call light, Field-phone terminals, On-Off & Signal switches; 6.8x5.4x2, 4 lbs sh. #BC-1361, Unused, \$8.00

GRA-39 Control

C-2329 Local Control from the GRA-39 control group. Has a mic amplifier gain of 55 db and a microphone preamplifier output of 5 mw. 8.8x8.9x4, 12 lbs sh. #C-2329, Used, \$34.95



Handset, #H-250, used checked, \$18.00

GRA-39 Manual Repro, #MM-GRA-39, \$15.00

Radio Mounts



MT-1029/VRC Vehicular Mount for RT-246 & RT-524/VRC -12 transceivers. 5x12.5x16, 19 lbs. #MT-1029-U, Used, \$29.50; #MT-1029-GR, Gov't-Recond., \$45

MT-1898/VRC Mount for companion R-442 receiver 5x6x12.3, 15 lbs. #MT-1898-U, Used, \$25; #MT-1898-GR, Recond., \$32

ARC-164 MOUNT, retrofit ARC-164 into ARC-34 mount. Rear rack connector & front plug for ARC-164. 5x13.8x11, 11 lbs. #MT-6147, Used, \$25.00

MT-298 Shock Mount holding two RT-66-67-68 and the PP-109-112. #MT-298, Unused, \$65.00

MT-300 Mount serves as support for the RT-70/AM-65 radio system and as a junction box for interconnecting the RT-70 and interphone amp with control box C-375 (page 9). Also, inter-connects the vehicular power source and the power supply within the amp. 13x8.3x3.1, 13 lbs. #MT-300, Used poor, \$65.00



Robinson Aviation shock mount 848-2. Looks like its good for about 5 pounds. For base 5.5 x 7.5 inches with screw clamp on front. 2 lbs sh. #848-2, Used, \$10.00



Military Speakers / Amps

4" Speaker, ruggedized 8 ohm 2w perm. magnet type; 300-7khz resp. p/o of LS-166; 3 lbs. #LS-445, Used \$7.95

AM-6747/V Amplified Speaker for monitoring audio of R-442, RT-246/ 524 radios from remote location. Connection for H-189 or H-250 handset to allow remote keying of transmitter. Requires 28 VDC; can be modified for 12 VDC. Similar to AM4979; 5.6x5x3 + 2" top bolt; 6 lbs. #AM-6747, Unused, \$35.



AM-4979/GRC, similar to AM-6747 except has 6 ft cord with U-229 plug. #AM-4979, Used-Checked, \$30

Military Intercom



AN/MIQ-1(V)3 INTERCOM and/or Radio Remote Control Panel. Part of mobile or field comm control system. Appears to be a recent issue. Has 14 lighted push buttons to select inputs and outputs. Front panel mounted headset connectors which accept U-77 plugs. Has three multi-pin Bendix type connections mounted on the side. One 10 pin female, one 15 pin female, and one 32 pin male. 10.8x10.9x3.8, 17 lbs. #MIQ-1, Used, \$39.95

Terminal Set Control



C-7827/VCC Terminal Set Control allows switching for simplex, single channel duplex, or multi-channel duplex of VCC or MRC-110/PRC-25/77. 4.7x10.5x2.7, 8 lbs sh. #C-7827, Used, \$35.00

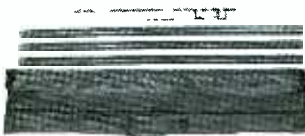
Interconnect Box

J-4024 INTERCONNECTION BOX, The J-4024/U is the interface between the TSEC/KG-84A and teletypewriter sets in GRC-106 communications shelters. Controls for transmitter 1 or 2, Receiver 1 or 2, power. Connections for teletypes and red transmitter/receiver, DLED. 15x8.1x8.1, 32 lbs sh., #J-4024, Used, \$39.95



CHECK OUT OUR LATEST FEATURE ITEMS AT FAIRRADIO.COM

Mast Kits



12 foot Military Mast Kit. Comes with: three 47" long x 1 3/8" fiberglass mast sections, one 8" top mast section which holds two horizontal aerial antennas and also has 16 feet of RG-58 coax with a male

BNC connection at the end, two 28" antenna elements that thread to the top section, one guy ring with guy rope, three 9" stainless steel stakes, one 27" long mast base which mounts directly into the ground, and O.D. green carrying bag with handle. There is no indication of a model number on the assembly. Excellent for field day or other portable antenna use. 12 lbs sh. #MK-12, \$59.50 each; 2 for \$99.50

30 Foot Mast Kit. Consists of twelve AB-35 33" long aluminum mast sections, one AB-154 mast base, six guy ropes, two guy rings, three guy stakes, and a heavy duty nylon carrying bag. 32 lbs sh. All items listed above are used with the exception of the bag. #ANT-KIT-30, \$145.00

HEAVY DUTY NYLON BAG, ideal for mast kits along with MANY other applications! High quality Cordura Nylon is coated for water repellency, rot and is mildew resistant. Bag has 1 1/2" web handles that wraps around bag for added strength. Two zipper slides for easy opening. Overall size: 44" long x 9" deep x 7" tall. 3 lbs sh. Comes in OD Green. #BG-1244, New, \$39.50 each; 3 / \$99.50



Mount Brackets

BRACKET for mounting 2" dia antenna bases like AB-15 to vehicles or other flat surfaces. Mount plate 6.3"W x4"H; base hole center extends 3.9" from plate. 4 lbs. #SM-B114371, Unused, \$10.00

Mount bracket accepts 2" diameter antenna bases such as the AB-15 or MP-65. Mounts to flat surfaces. 4.3x6.5x3.1, 4 lb sh. #AB-450, \$8.00

Angle Bracket for attaching MP-50 or similar mount bracket to corner of vehicle. Bolts for MP-50 and drilled for side mount; 5 lbs sh. #SCC-28591, Unused, \$9.95

Guy Ropes

CP-12-13 COUNTERPOISE heavy rubber-covered wire spreads to form 15 ft dia radial network for ground plane antenna; used with MS-116-117-118 mast sections; 4 lb #CP-12-13, Used, \$12.00

GUY ROPE SET, 3x20' lengths, #GY-12/42, Used, \$7

ROPE, 80', #M378, \$6.00; 10', #M379, \$1.50

Mast Sections

3-FOOT MAST SECTIONS (left), WW-2 & Korean War vintage: painted copper-coated steel. Sequentially screw into the other; 3/16" dia MS-49 top section the smallest. Self-supports to 15 ft; MS-53 can fit into another MS-53; 1 lb sh. May have surface rust; We no longer have the MS-51 which is necessary. Select from MS-49-50-52-53, #MS-(specify #), used \$3.00 ea

MS-116-117-118 MAST SECTIONS, each 39.3"L. MS-116 is stackable bottom section, MS-117 middle and MS-118 tapered top; fit AB-15, AB-652, MP-65 & UG-558 bases. 1 lb ea. Used, \$3.50 ea; Unused \$5.50 ea. #MS-(specify #)-(used="U" unused="UN")

AB-21-22-24-Mast Sections, similar to MS-116-117-118 except 27" length each. AB-21 is bottom & stackable section; 1 lb each. #AB-(specify #), used, \$3.25 ea

PRC-41 Mast Assembly

AB-777 Adjustable Mast Assembly from the PRC-41 radio system. Mast assembly holds the AS-1405 omni directional antenna. AB-777 is 28 1/4" long closed and 78 1/4" fully extended. 1 1/2" dia. 6 lbs. #AB-777-U, Used, \$27.95; #AB-777-UN, Unused, \$39.95

Mast Bases

AB-154/RC-292 Swivel Base with Base Plate. Used with AB-85 and MS-44. This assembly consists of a yoke and clevis pin. The lower mast section is placed over this tubular section. The yoke and clevis pin allows the mast assembly to be lowered to the ground by pivoting about the stake. The base plate has three cleats for fastening the guy ropes. 5.5 x 6 x 17, 3 lbs sh. #AB-154-PL, Used, \$12.95

AB-15 MAST BASE for MS-116-117-118 or AB-21-22-23-24 masts; rubber flex spring with 3.3"Lx3" dia ceramic insulator & bottom terminal. Mounts in 2" dia hole. O/a 15"L, 3 lbs sh. Used with small chips in the ceramic insulator, #AB-15-U, \$8.00 As above but used good condition, #AB-15-UG, \$15 Unused, #AB-15-UN, \$30.00

UG-558 BASE for MS-116-117-118; mounts to SC-D-189023. 16"Hx6" dia; SO-239 conn. #UG-558-U, Used, \$15.00 As above but unused, #UG-558-UN, \$35.00

MP-68 MAST BASE, makes ground plane antenna when used with combinations of AB-21-24 or MS-116-118 whip masts installed as three radiating elements plus one vertical. Has center 3" dia ceramic feed-thru insulator with UHF connection and sockets for elements. Clamp on bottom allows installation on top of 1.6" dia masts like AB-35 (RC-292) or MS-44 (AB-155). 13"Hx5"Wx5"D, 5 lbs. #MP-68, Used, \$29.95

IN-127 ANTENNA BASE holds three MS-116 and one each MS-117-118 for RT-77/GRC-9; 14.5"L black plastic. 2#. #IN-127, Used, \$15.00

Loop Antenna

MLA-1/E Loop Antenna covering 1.8 - 14.5MHz. Has a female type TNC, female type N, and 3 pin female cannon connection on the base. Overall loop width is 13.1". Loop diameter is 15/16". Mfg by Antenna Research Association. 9 lbs sh. #MLA-1, Used, \$59.50

AS-1729 Parts

TIE-DOWN KIT for AS-1729 including tie-down rope and plastic cap for AT-1095, #AS-1729-TD, New, \$8.00

Manual for AS-1729, part. repro, #MM-AS-1729, \$8.50

Mast Spring only for MX-6707; 4 lbs. #AS-1729-MS, Used, \$10.00

MOUNTINGS for MX-6707 p/o AS-1729, USED: #SCD-189023 f/ base. unused, \$20.00 #SCD-446058 corner. used, \$10.00; unused, \$20.00 EXTENDER for SCD-446058, #445058-EX-U, used, \$6; #445058-EX-UN, unused, \$10

PRC-Type Antennas

AT-272A RIBBON ANTENNA & AT-272 FLEX-BASE SET for PRC-8-9-10; 2 lbs sh. #AT-272, Unused, \$15. SHORT FLEX BASE only f/ AT-272A, #272-RO, used, \$3 RIBBON only for AT-272A, used, #AT-272, \$8.00 RUBBER BASE f/AT-271 (PRC-8-9-10) #AB-129, \$4.00 RUBBER BASE f/AT-271 (PRC-25-77) #AB-591, \$12.00 ANTENNA FOR PRC-68B, #AT-20, Used, \$20.00 37.5" Ribbon Antenna for PRC-126 and PRC-128 but not PRC-68. 2 lbs. #37695721153-3, Unused, \$12.00 RIBBON ANTENNA f/ PRC-6 radio, #PRC-6-RA, Used, \$8 M-422 ADAPTER for using MS-116/AB-23 masts with PRC & BC-1000 as long antenna, #M-422, \$4.00 WHIP f/ Canadian C-PRC-26, #AT-5001, used, \$8.00

Long Wire Antenna

AS-1321/PRC-47 LONG WIRE ANTENNA 45 ft vinyl-covered with insulators at 15" and 25"; clips at insulators adjust length. Designed for use with 150 W HF transceiver; 4 lbs. #AS-1321, Used, \$16.00

RC-432/G Reel Only from long wire antenna set. Terminations on each end to allow other RC-432's to connect together. 4.3x2.7x12.5, 2 lbs sh. #RC432-RO, Unused, \$8.95

Loop Antenna

AT-784/PRC DIRECTION FINDER LOOP ANTENNA for use with PRC-25 -77; covers 30-76 MHz in five bands. Controls FINE TUNE 0-10 MHz in 1 MHz steps and ATTENUATOR 0-40 DB in 10 db steps. Includes AT-1082 loop with whip, CG-2840 & -3344 cables in CW-445 canvas bag. Collapsed size 8x6x3.5, 5 lbs. #AT-784, Used, \$34.00

AS-2360 Loop Antenna .53 Mhz to 10 Mhz, useable to 20.5 Mhz. Impedance 50 ohms, Null depth 25 db, bearing error less than 2 degrees. Originally part of TRQ-23 radio receiving set. The base of the loop contains a loop cathode follower with varactor diode for tuning, two rf amplifiers, and an output cathode follower using 4/6612 tubes which require 36 v B+, 1.1v filament. Tuning voltage 0-102 vdc, gain voltage 0-37 vdc, sense relay 24 vdc. Comes with canvas bag. 6.4x26.2x61.8, 30 lbs sh. #AS-2360, Used, \$225.00

TRQ-23 Op's Manual & Schematics repro, #OM-TRQ-23, \$20.00

CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

C. Crane Antennas



Justice AM Antenna With Twin Coil Ferrite. The biggest advancement in AM radio antenna design in over 50 years! The best compact AM

antenna for a portable radio or home stereo. It increases available daytime stations dramatically and reduces nighttime fade out by 99%! Can also eliminate heavy static and distortion. Tuner Size: 3.3" W x 4.3" H x 1.3" D. Antenna Head Size: 8.5" W x 2.5" H x 1.3" D. New, #JAA, \$99.95

Remote Kit, you can set the Antenna Element closer to a window or even outside, away from the noise and interference. You'll dramatically improve reception on weak AM stations in brick, stucco or metal-sided homes, and virtually eliminate static. 25' remote installation kit. #J25, New, \$19.95 50' remote installation kit. #J50, New, \$29.95

The FM Reflect is an affordable FM antenna that is equal to or better than the best indoor antenna made. Great signal to noise ratio. Works with any portable or stereo receiver. Incorporates a new dipole design for maximum gain across the FM band. Up to 213% more powerful than a standard dipole antenna. Comes with "F" connector, balun spade connector and alligator clip. Size: 54" element with an 8' feed line. 2 lbs sh. #FMW, New, \$24.95

AS-2236 Log Periodic



AS-2236/GRC ANTENNA SET, lightweight with minimal guying makes this 30 to 76 MHz low-power log-periodic antenna excellent for field day! Rated 65 Watt with VSWR 3:1, 50 ohm impedance. Array mounts on 35 foot mast and unfolds to 10 ft square. Includes antenna, seven 44.5"Lx2.75" dia aluminum mast sections, 44.5"L x 2.75" dia fiberglass section, pivot for horizontal or vertical polarization, folding tripod (10.5 ft square) with foot pads, six stakes, three screw anchors, guys, ropes, and set-up info. Array may have repairable wire "breaks"; 100 lbs shipping. (UPS in 2 pkgs.) #AS-2236, Used, \$125.00 ABOVE with "NEW" array: #AS2236-DM, \$155.00 Array only. #AS-2236-AO, Unused, \$45.00

HF Antenna System

AS-2482/TSC-60 HF RECEIVE ONLY ORTHONAL ANTENNA SYSTEM consists of two crossed sloping dipoles 90 degrees apart with a pair of baluns at the top of the mast. Four 62 inch long mast sections 2.75" dia for 18 ft mast. Includes mast, junction box, 2/24 ft RG-213 cable, 4 stainless stakes and 4 chromed stakes. Accessories in case 31x22x8 shipping two packages 70/50 lbs. #AS-2482, unused \$325.00



UHF Dipole Antenna



AT-413/TRC DIPOLE ANTENNA for 225-400 MHz, originally part of large array. T-top elements extendable 3" each end to adjust reception; 20" max T-width. Mount flange moves to adjust height. Type C connection on bottom. O/a 15.5"H, 12 lb. #AT-413, Unused, \$16.00

Blade Antenna



AS-2485/ARC-114 BLADE ANTENNA used with 30-76 MHz ARC-114 radio set; BNC connection. 24"H x 42"L, 15 lbs sh. #5985-168-8383, Unused, \$50.00; 2 for \$75.00

Rams-Horn Antenna

AS-580A/ARN-30 Rams-Horn Antenna with two dipoles. The forward dipole is used as a glide-slope antenna while the rear dipole is used as a VOR and localizer antenna. Each antenna is terminated with a BNC connection located on the base. Antenna originally used with the ARN-30D aircraft radio that covers 108 to 126.9MHz. Overall 23.8"Dx17.3"Wx11"H, 6 lbs sh. #AS-580, Used with some cracks in the plastic, \$35.00



LF-DF Antenna



AT-780/ARN-59 DIRECTION FINDER ANTENNA, 190 - 1750 KHz. Has ferrite loop, 26 V 400 Hz motor & Tx selsyn for drive direction. Operates in circuit on

26 V 100 Hz. W/ 14 error compensator screws, 0-360 scale visible under glass dome & schematic. 3.8x6.5x6.5, 8 lbs. #AT-780, Used \$32.00 #NG-AT780, above no glass, \$22.00

AS-313/ARN-6 DF ANTENNA, similar in function to above, but earlier design; 10x11x5, 18 lbs sh. #AS-313, Used, \$30.00



Hy-Gain Antenna



HY-GAIN MOBILE-COM ANTENNAS, new: 760-SERIES, include 52" whip, 2.5"H spring base, 18" RG-58 coax cable, PL-259 connector & UG-175 reducer; 5 lbs sh. unused, \$9.95 ea:

#761 (30-33MHz) #767 (33-36 MHz)

KATHREIN WHIP, 64-470 MHz; cut 4 foot length; 1-hole mount, 15" RG-58 coax. 4 lbs. #K50-54-4, \$15. + + + + + TELESCOPING CHROME ANTENNAS, \$2.50 each: #TCA95-380, 9.5"L to 38"L; 6-32 thread mtg screw #TCA84-144, 8.4"L to 14.4"L; 5/32" dia base hole #TCA60-125, 6"L to 12.5"L, 10-24 thrd mtg screw

Guy Tie-Downs

GUY TIE-DOWNS for securing antenna masts, tents or other items. Each has 4" based triangular steel head with 1.5"L x 3/8" dia driving shaft on base. Head has 28"L steel wire with reinforced loop for attaching guy. Tie-down driven into ground by hammering a pipe (not supplied) slipped over the driving shaft; 3 lbs #4-TD-98, NEW, \$4.00 ea; 4 for \$12.00

HYE-QUE

BUDWIG HYE-QUE antenna insulators & strain connector for long-wire set-ups; full legal power capacity + weather-tight polymar construction. Strain assembly with PL-259 connection for lead-in wire drop. #HQ-CONN, NEW, \$9.75 #HQ-INS-PR, insulator pair, NEW, \$2.25/ pair

Cellular Antenna



Cellular Mobile Antenna by Antenna Specialists with trunk lid mount. 824 to 896 MHz with 3DB gain. Antenna capable of adjusting 25 degrees any direction. Antenna has a female TNC connection. Kit comes with 15 feet of RG-58 cable with a male TNC connection on one end, cord clip, mylar tape, bracket channel, a separate TNC male connector, and allen wrench. Antenna with mount stand around 30". 3 lbs sh. #ASP-917, Unused, \$18.95

Yagi Antenna

7 Element Yagi Antenna by Antenna Specialists Model #ASPJ-2996 covers 928 to 960 MHz.



Antenna can be mounted for vertical or horizontal polarization. Has type N connection. Designed to be mounted to a mast. Comes with mounting hardware. Overall length of around 21". 3 lbs sh. #ASPJ-2996, Unused, \$19.95

Hydrogen Generator



M315B HYDROGEN GENERATOR, used to provide hydrogen for 4' balloon p/o CRT-3 Gibson Girl rescue radio. Has 1200 grs of calcium hydride crystals in long

can which, when immersed in water, produces hydrogen gas. (EXTREME CAUTION must be exercised in the performance of this process because hydrogen gas is dangerously flammable and the liquid calcium by-product is very caustic!) Cans are dented; suitable only for recovery of calcium hydride. 11.6"L x 4.3" dia, 4 lbs. #M315B, Unused-dented, \$8.95

Box Kite

Kite is also used for lifting wire antenna; has 15"Wx12"H distress orange plastic poly-vinyl panels on metal frame. Stands overall 36"H x 15" square; sturdy frame can be re-covered with silk or similar light fabric. Some plastic sticks together - includes panel repair kit; 3 lbs sh. #SEB-42ABK, Unused, \$24.00



Antenna Tether Wire



306 FOOT SPOOL of vinyl-covered braided #22-size intended for use with above; usable on the ground as long-wire antenna also. On spool; 3 lbs. sh. #SEB-400X3, unused, \$12.95

Impedance Match

CU-459/AR IMPEDANCE MATCH NETWORK, black plastic bullet-shaped designed to mount to aircraft wing. Holds two AT-624 antenna elements (not available); 50 ohm BNC-conn. P/o AN/ARA-31 24-49 FM MHz homing set; 4.3x3.3. 2" . #CU-459, Unused, \$7.00



KY-149/AR KEYS, couples homing antenna to radio; requires 28 VDC. Has a 28VDC globe 60 RPM gear motor. 2.3x7.7x4.9; 3 lbs #KY-149-U, Used, \$10; #KY-149-UN, Unused, \$14.95

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Headsets

HS-32 STRAP HEADSET, one 250 ohm R-18 element, with PL-55 plug; for TG-5 keyer. #HS-32, Used, \$8.00

H-16 HEADSET, designed for use in high-noise areas such as tanks, replacing HS-30. 250 ohm elements with matching transformers produce 8000 ohm (series) impedance. Similar to H-65 expect 18" cord PJO-54 plug. #H-16, unused, \$10.00

H-227 HEADSET, with two 300 ohm elements in 4" x 3.5" vinyl cushions, 42" coil cord, and U-77 plug. Used with GRC-3--8, GRC-106 radios. OD-green & black; 2 lbs. #H-227, Used, \$17.95

HS-16A WWII Style Military Headset, olive-drab, cloth covered, with adjustable double steel band. Headphone impedance is 520 ohms nominal. Consists of dual magnetic element with plastic cap and shell earpieces. 54" brown cloth-covered cord w/dual nickel plated pins. #HS-16A, Unused, \$19.95

H-63 HEADSET and BOOM MIC, 600 ohm receive and 100 ohm M51 mic elements; with JJ-055 and 3-pin jacks. 3 lbs. #H-63, Unused, \$14.95

H-113 600 OHM HEADSET, similar to CW-49507 except O.D. green color with cushions and PL-54 plug on 18" cord; 3 lbs. sh. #H-113, unused, \$7.95; 2 for \$12.

HS-30 HEADSET 250 ohm impedance light-weight WW-2 era set has cord wired to CD-604 500:4000 ohm matching transformer and PL-54 plug; 3 lbs sh. #HS-30, Used, \$9.95

H-264/PRR-9 EAR-PLUG HEADSET, coil cord & 2 mm dia jack; 300 to 2500 Hz response. #H-264, NEW \$4.00

CTE49214 headphones f/ WW-2 MAB radio; no scull cap, #CTE49214, \$7.50

VRC-12 HEADSETS

H-251 HEADSET w/ vinyl cushions, 24" coil cord and U-182 plug; black color. #H-251-U, Used, \$8 #H-251-UN, Unused, \$12

H-161E HEADSET with 300 ohm boom mic, push-to-talk switch, & CX-8652 Y-coil cord; vinyl cushions. Black. #H-161E, Unused, \$59.50

H-195 HEADSET & BOOM MIC, rubber-covered single 300 ohm phone element, 40 ohm mic & push-to-talk switch. Similar to H-144 except has 10 foot cord with PJO-55 & -68 plugs; 4 lbs sh. #H-195, Unused, \$25.00

WIRELESS HANDS-FREE HEADSET for two-way FM radio communications in high noise environments. Uses throat mic and ear cushions with EPA noise-reduction rating of 23 DB. Operates on 49.86 Mhz; controls for Volume & Squelch, Velcro adjustable head web and mic straps, 6" antenna and fiberglass case. Requires two 9 V batteries; 6 lbs. #7800H, NEW, \$74.50

Plantronics Headsets

Starset Supra Amplified Operators Headset with voice tube by AT&T. Cushioned earpiece with adjustable headband. Comes with clothing clip and plug amp. Brown color. Unused in the original packaging. 2 lbs sh. #KS22990-L1, \$29.50

STARSET OPERATOR'S HEADSET, ultra-light set fits over the ear with flexible voice tube. Has push-to-talk switch on 4 ft coil cord w/ dual 1/4" dia plug. Includes spare ear tips, glasses clip & pouch; black color. #HS0110-2E, New, \$34.50

Plantronics Starset HS0309-1 Operators headset that fits over the ear with six earpieces of various sizes. Has dual connector with 1/4 inch plugs (similar to PL-55) for connection to system. #HS0309-1, Unused, \$30.00

Microphones

600 ohm Uni-Directional Dynamic Microphone. Frequency response: 50-15,000Hz. Effective output Level: -54dB. 8.5" cord with a gold plated two way plug for 3.5mm or 1/4" phone plug. With on/off slide switch. Mfg by Merry #DM-35. Unused, \$6.50 ea: 3/\$14.00

Handheld Dynamic Power Microphone. Impedance of 1.2K ohm. Frequency response of 300-6KHz. Coiled cord with a 4 pin female connector. Marked TransVideo but made by Merry #DMC-510, Unused, \$15 each; 3/\$30

CB microphone made by Merry #DMC-523 but marked Stoner. Looks like standard hand mic with coiled cord which stretches to 36 inches. Has 4 pin connector. No further information. #DMC-523, Unused \$8. each; 3/\$20.00

500 ohm Omnidirectional Dynamic Desk Top Microphone. Has Off/Lock slide switch and push-to-talk switch. Frequency response: 200Hz-5KHz. Sensitivity: -76 +/- 4DB at 1KHz Re 1V/ubar. Coiled cord with no connector on the end. Mfg by Merry #DMC-521, Unused, \$17.95

As above except it has a Monitor switch instead of Off/Lock switch. Coiled cord with a 4 pin female connector. #DMC-529. Unused, \$12.95

GENERAL ELECTRIC MIC from highway patrol vehicles; PTT switch has "C" & "S" positions. Also has amplifier circuit & coil cord w/ DB-9 connector: 2 lbs. sh. Used, #GE-CS-MIC, \$8.00

T-45 MIC Carbon type 100 ohm 50 db below 1 mv, flat response with PL-291 two contact male plug, 11" cord. #T-45, Unused, \$3.00

Headbands

Hard to find HB-7 Headband for the famous HS-23 and HS-33 headsets. Less connector. 2 lbs sh. #HB-7, Used good condition, \$45.00

Old Military Black Leather Headband. Holds a 1 3/4" receive element. 2 lbs sh. #BLK-BAND, Unused fair condition, \$12.00 each; 2 for \$20.00

Headband by Murdock f/ R-14, #HB-5, \$14.00 each; 2 for \$22.00

LIP MIC for CW49507 or H-62 headset; 100 ohm, #CW-51071, \$4.00

#M-29B MIC with U-77 plug; for T-195 T-368, etc. USED \$12.00

#M-52 MIC with 5 foot cord & PL-68 plug. UNUSED, \$12.00

#M-80C MIC, unused, \$14

Low-impedance omni-directional for public address use; 150 to 4000 Hz response. Swivel mount; 5/8" dia 27 threads/ inch. Cannon XL-3-11SC connector; 2 lbs sh. Used: #M-43-EV, Electro-Voice, \$8.95

#M-43-UL, University Loud-speaker mfg. \$12.00

#CX-3094 MIC CORD with mating connector for above; 3106-14S-7P 3-pin male on other end. 25 ft Used, \$7.50

TRIPOD MIC STAND for above, Used #MT-596, \$10 ea; 2 / \$16

WW-2 CHEST SETS Unused. #H-12, \$7; #T-26A, \$7; #T-46/TD3, \$7

RS-83 Mask type Aircraft Microphone by Telephonics. Mic is Hi-Z (100K ohm) and has a 16.5" cord with a 33" extension cable that has a push to talk switch. #RS-83, Unused, boxed \$12.95

Handsets

H-250 HANDSET w/ push-to-talk button, coil cord & U-229 plug. #H-250, Used Checked, \$18.00 #H-350, Used Checked, \$35.00

H-33/PT HANDSET for GRC-3-8, PRC-10; w/U77 plug. #H-33, Used Checked, \$17.50

TS-9* HANDSET, p/o EE-8 field phone; 2 lbs. #TS-9, Used, \$14.95

H-90 HANDSET, like TS-9 but w/ U-77 plug; #H-90, \$12.00

Handset f/ BC-1000, #H-23 (or =), \$35

Beige Standard Handset newer style mfg by ITT, #BEIGE-H, Unused, \$3.25

JEN-20 HANDSET w/ AMPLIFIED receiver for hearing impaired; black or beige. #JEN-20, NEW, \$15.00

Western Electric Handset with 1903 patent date; black painted brass handset with PTT-switch appears to be same as TS-7 handset used with pre-World War-2 EE-5 field phone. 3-wire cloth cord. 4 lb. #D14842, used, \$45.00

EMAIL US YOUR INQUIRIES AT FAIRADIO@WCOIL.COM

Accessories



GSA-6 CHEST GROUP SA-142 PPT-switch & CX-1077 cable w/ U-77 plug connect H-63 headset to GRC radios. #GSA-6, Used, \$6

ADAPTER, 1/4" phone plug going to 2 pin jacks. #14-PJ, Used, \$2.50



MC-385D Headset Adapter, High to low impedance with PL-55 plug to a JK-34 jack. Used with HS-33 or HS-38 headsets. Works between jack box and CD-307 cord. 1 lb. #MC-385D, Unused, \$3.95

PHONE PLUGS, #PL-354 red. used, \$4.00
#PL-55 on 30" cord. used, \$2.00
PL-68 (or =) Mic plug. #PL-68-U, \$4; #PL-68-UN, \$8
DOUBLE PLUGS, unused:
#D178542 (WE289) for headsets, etc. \$3.00
#2PPC f/ switchboards, \$3.00

#JK-33 PHONE JACK to fit PL-68 plug. Used, 2/\$1.00
#JK-34 PHONE JACK to fit PL-55 plug. Used, 2/\$1.00

MIC ELEMENTS, checked: #F-1 for TS-9, \$4.00
#M-51 for H-63, M-29, \$4.00; #M-235 for H-33, \$5.00
#TA-117 for H-60 (TA312), \$5.00;
WE #D173011 sound-power mic for TS-10; brass. \$10

RECEIVE ELEMENTS, checked:
#1227 (or =) for H-33 receive, \$5 ea;
TS-9 receive element, CALL
#TA-235 for H-60 (TA312), \$5.00
#R-30 receive element for HS-30, \$1.00

Headset Cords & Cushions

CD-604 CORD with impedance matching transformer 500 ohm to 4000 ohm; 6" cord & PL-54 plug. P/o HS-30 headset. #CD-604, Used, \$1.50

CD-318 Cord w/ Push-to-Talk Switch w/ lock; has 7" cable w/ PL-68 plug and JK-26 jack. Use with T-30 throat or T-45 lip mics; less strap. 2 lbs sh. #CD-318, Used, \$14.00



CD-307 Extension Cord for headsets with PL-54 plugs like CW49507, H-16, H-113, HS-23/33; 65" cord has JK-26 jack & PL-55 plug; #CD-307-U, Used, \$4.00; #CD-307-UN, Unused, \$7.50

MICROPHONE EXTENSION CORD with PL-68 plug. #CW-49561, Unused, \$15.00

CORD with PL-55 one end, PL-68 on other; 12 feet long 2 lbs sh. #CX-2481, Unused, \$9.95

MIC COIL CORD, 1-shielded, 2-wire not; stretches 30"-42". #SH-CC3042, NEW, \$2.50

"EXTRA-STRETCH" PHONE COIL CORD 4 ft to 25 ft extension w/ modular jacks; tan. #T425-MOD, New, \$3

SWITCHBOARD CORDS

#PL68-68, black cloth covered cord with early style phenolic PL-68 plugs on each end; 68"L. \$7.50
#G2-SWB-72, grey cloth-covered cord with double 310 plug on each end; 72"L, 2 lbs. \$6.50
#R2-SWB-72, as above except red, \$6.50
#500286-102, red with black cloth covered cord with double 310 plugs on each end; 25"L. \$10.
#500286-104, same as above except 50"L. \$12.00
#WE-338A, dirty light brown dual cloth covered cord w/ double 310 plugs on each end; 17"L. \$8.
#310-56, grey cloth covered cord with 310 plug on each end; 56"L. \$8.00

"Y" CORD

#CD-620F, molded 16"L legs & 6" cord with 2 plugs each end; for HS-30 headset. \$2.00

Headset Cushions

#M-301 4" Chamois cushions for HS-23 or HS-33, \$8 pr
#M-300 Inserts for HS-30, Unused, \$2.95 pr

1/4" Plugs



1/4" STEREO PLUG WITH STRAIN RELIEF, NICKEL. Solder connections. Spring cable guide. #CA022, 2 for \$0.99; 5 for \$2.00

As above except mono, #CA021, 2 / \$0.99; 5 / \$1.99

RIGHT-ANGLE 1/4" STEREO PLUG WITH STRAIN RELIEF, NICKEL. Solder connections. #CA026, 2 for \$1.19; 4 for \$1.99



RCA Connectors



NICKEL-PLATED PHONO RCA PLUG. Spring cable guide. Colored identification ring. Solder connections.

Boot color black, #CA063B, 2 for \$0.99; 5 for \$2.09
Boot color red, #CA063R, 2 for \$0.99; 5 for \$2.09

RCA JACK.

Boot color black, #CA064B, 2 for \$0.99; 5 for \$1.99
Boot color red, #CA064R, 2 for \$0.99; 5 for \$1.99

J-37 Key & Leg Iron

J-37 Key with a KY-852 leg iron attached for field use. Comes with cable with a U-229 connector. 3 lbs sh. #J-37-UN, Unused, \$39.50



Sound Power Phones

TA-1/PT TELEPHONE, sound-powered unit requires 2-conductor field phone wire connected to another TA-1 for communication without batteries. Palm-operated generator provides approx 100 V to "buzz"-signal another phone; also visual indicator. Has coil cord with push terminals for wire hook-up and plastic carrying case. 8.5x3.5x3.5, 4 lbs shipping. #TA-1, Used Checked, \$35.00 ea. 2 for \$60.00

TA-312 Field Phone

TA-312 FIELD TELEPHONE rugged light-weight unit replaces famous EE-8 field phone and is usable with them. Includes G-42 crank generator, BZ3 clacker call signaler, H-60 handset, and canvas carrying bag w/ strap. Requires 2 D-cell batteries (not supplied.) 12x7x4, 12 lbs. #TA-312, USED-CHECKED, \$75
Manual for TA-312, partial repro, #MM-TA-312, \$8.50



TA-838 Field Phone



TA-838/PT MILITARY FIELD TELEPHONE has push-button numeric tone pad and is designed for 2- or 4-wire communications; replaces old EE-8 and TA-43/312 field phones. Ringing signal audible only in 4-wire hook-up. TA-838 also operates over standard telephone lines but won't ring. Rugged thermo-plastic construction; requires

four C-cell batteries. Handset cord has poor insulation. 6x9.8x5, 8 lbs.

#TA-838, Used Checked, \$69.50;
Ops MANUAL, #MM-TA-838, \$10.00

ART-13 Parts



ART-13 CRYSTAL CALIBRATOR, provides 50 KHz fundamental using 200 KHz crystal. Also 1000 Hz tone for MCW. Tubes 2/12SL7, 12SA7; 6x5x3, 4 lbs #XCAL-ART-13, used, \$20.00

Speech Amplifier for ART-13. #SA-ART-13, Used, \$25

ART-13 PA Plate meter. #PMTR-ART-13, Used, \$20.00
ART-13 Antenna Current meter, no transformer, #AMTR-ART-13, used, \$20.00

Knobs for ART-13

Antenna loading 0-100, 200-100 #KN1-ART-13, \$10.
Antenna tuning coarse Triangles marked 1-13 ccw. #KN2-ART-13, \$7.50
Antenna tuning fine 100-0, #KN3-ART-13, \$10.00
High Frequency tuning Triangles 2 - 18 mhz, #KN4-ART-13, \$7.50
High Frequency tuning fine 0-99 over 360 degrees. #KN5-ART-13, \$10.00

Small indexing dial from High Frequency tuning and also used on some of the plug-ins. #D-ART-13Unused, \$4.00

T-bar locking bar for ART-13 tuning knobs. #T-ART-13, \$4.00

Manual Switchboard

SB-993/GT Manual switchboard, designed for quick "connect / disconnect" of up to six battery or sound-powered field phones (such as EE-8, TA-1, TA-43/312) plus and operator unit. Consists of seven U-184/G terminal plug-jacks that plug into "stack" onto rear of another U-184. Active lines make neon lamp in U-184 "glow". Also includes MT-2156/GT metal case; 1.3 x 12 x 3, 6 lbs sh. #SB-993, Unused, \$29.95



Field Phone Wire

MX-306A Field Telephone Wire Reel, canvased-covered reel of 1/2 mile (2600 feet) WD-1A/TT twin lead black vinyl-covered steel wire. Intended for use with EE-8, TA-43, TA-312 and similar field phones. 10" D x 5"H, 22 lbs sh. #MX-306A, Unused, \$85.00

As above except WD-1 wire, #MX-306, \$90.00

100 feet of WD-1A wire less spool, #WD-1A-100, \$12
500 feet of WD-1A wire less spool, #WD-1A-500, \$40

TA-341 Phone

TA-341/TT TELEPHONE SET push-button 4-wire unit for use with tactical switches using four C-cell batteries; usable in conventional point-to-point telephone line (plug may need changed) Range >3.2 km. Signal out 900-3400 Hz digital tone; 90 V 20 Hz signal in. W/case; 4.5x10.5x10.5, 10 lbs. shipping. #TA-341, Used, \$19.95



TA-954 Phone



TA-954/TT NON-SECURE DIGITAL VOICE TERMINAL used in Tri-Tac comm-system; 4-wire set xmits and receives diphase-modulated digital voice & loop signaling info at 16K or 32K bits. 125 ohm line impedance 125 ohms; range 4

km using WF-16 field wire (no stock). Requires 24-56 VDC. Tone pad characters 0-9, FO-F-I-P-R-O-C; also Volume L-H Ring - Receive & H-350 handset. Plastic case EM/ EMC static protected. 7.3x4.5x10, 8lb. #TA-954-U, Used-reparable, \$40.00
#TA-954-UN, Unused, \$59.50

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Carrier Monitor



Unit is used for remote check of transmitter operation. Good parts including 600 VDC 35 ma transformer; tubes 0A2, 6AL5, 6J6, 6X4; 600:600 ohm AF xformer, DPDT & SPST toggle switches two 49 pf trimmer caps, etc.

LESS 3 pf 15 KV vacuum caps 6x8.5x6.3, 12 lbs.

#CAR-MON-87, unused, \$7.00

As above but w/ vacuum caps, #CAR-MON/VC, \$15

BC-620 / 659 Accessories

ALIGNMENT ADAPTER for BC-659 transceiver; allows changing of crystals and alignment of the set without the use of an external meter. Mounts inside the BC-659. 2 lbs sh. #M-399 \$5.00



Adapter f/ BC-620, #M-394, \$5.00

ALIGNMENT TOOLS for BC-620/659: #TL-150 or #TL-207, \$5.00

20" TUNE SPLINE, #MC124, \$10.00

RIGHT ANGLE, #MC-136, \$4.50

T adapter for MC-124, #MC-203, \$7.50

MC-127 Spin Tuning Knob for spline ARN-6 & BC-229, #MC-127, \$7.50

Electronic Kits



FM OSCILLATOR. Mini FM modulator (100-108MHz). Integrated pre-amplifier, to which any type of microphone may be connected. Family broadcasts, baby phone, security. May be received by

portable FM radio or tuner. power supply: 9 - 12VDC. Input sensitivity preamplifier: 5mV. PCB dimensions: 1.8"x2.8". #K1771, \$12.99
Enclosure for above, 4.7" x 2.4" x 1.6", #G410, New, \$4.46

UNIVERSAL MONO PRE-AMPLIFIER. This kit has been developed as pre-amp for a number of audio applications where there is insufficient input signal. Applications as a microphone pre-amplifier or for level correction. Power supply: 10-30VDC / 10mA. Output impedance: 1Kohm. Adjustable output level: max. 40dB. Frequency range : 20Hz to 20KHz \pm 3dB. Max. input signal : 40mV. PCB dimensions: 1.2" x 1.7". #K1803, \$9.99

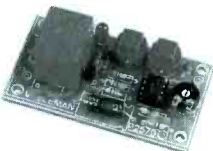


UNIVERSAL STEREO PRE-AMPLIFIER. Frequency range 40Hz - 30kHz (-3dB). Maximum input voltage 50mVrms. Adjustable gain 40dB max. Output impedance 1Kohm. Requires 10-30V DC / 5mA. PCB dimensions 1.7" x 2.6". #K2572, \$17.99



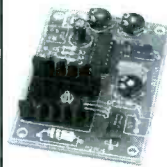
Recommended Power Supply Kit, #K1823, \$12.99

UNIVERSAL START/STOP TIMER. Miniature timer for all applications requiring a delay of up to 60 minutes. The control range may be adjusted. Requires 15V DC / 55mA. Relay 3A / 220V switchable time interval (without modifications): adjustable from 0 to 15 minutes. PCB dimensions 1.5" x 2.7". #K2579, \$14.99



Velleman Electronic Kits

Kits require insertion and soldering of components! Pictures are shown after assembly.



POLICE SIREN. Enter the world of amazing electronic sounds and noises. Create or imitate sirens of all kinds by adjusting 3 trimmers. Powerful sound with a 2W amplifier on the PCB. Requires 8 - 14V DC / 1A. 3.1" x 2.2", #K2604, \$12.99

AM/FM ANTENNA AMPLIFIER. This amplifier provides 22dB gain wherever you need it. DC power supply directly or via the coax cable. Metal housing included. Gain: 22dB. Power supply: 12V to 15V / 3mA. Input and output impedance: 50 - 75ohm. Frequency range : 10MHz to 150MHz. Note: It is important to put the amplifier as close as possible to the antenna. 3.4" x 1.4" x 0.9". #K2622, \$14.99



2.5 WATT AUDIO AMPLIFIER. Small PCB for both pre-amplifier and power amplifier, which may be used separately. No adjustments required. Short circuit protection.

Power supply: 4.5 to 15Vdc. Input sensitivity - power amplifier: 150mV / 20Kohm. Pre-amplifier: 20mV (12V) / 200Kohm. Frequency output: 60Hz to 15KHz. Output power : 2.5W max. (4ohm / 12V). 1.7" x 1.3" x 1.1". #K2637, \$14.99

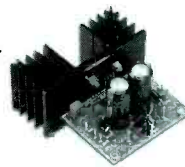
FROST INDICATOR. Drive more safely in freezing weather. This kit uses a flashing LED to indicate a road temperature close to freezing point; below that point the LED is on continuously. A reliable temperature sensor with mounting stud is included. Requires 10 - 15V DC / 25mA. PCB dimensions 2.2" x 1.7". #K2644, \$14.99
Recommended housing, #G404, \$2.34



DUAL STEREO VU METER. This module contains 2 stereo VU meters with 2 x 5 LED indicators and can be used with the 6 or 12

channel mixing panel. May also be used with other equipment, to indicate the output level of an amplifier. Indication: -13, -8, -3, 0, +3dB. Sensitivity: 0dB = 0.775Vrms (easily adjustable). Supply voltage : 14 - 18VDC / 62mA. PCB dimensions : 1.1" x 3.9". #K2668, \$24.95

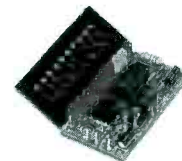
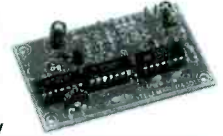
7W MONO AUDIO AMPLIFIER. This small amplifier is constructed around the TDA2003 IC, capable of delivering 4Wrms at 4ohms. The IC is completely thermally and short-circuit protected. A conventional direct current can be connected as supply. Music power output : 7W / 4ohm. RMS output: 3.5W / 4ohm or 2W / 8ohm. Total harmonic distortion: 0.05% (1W / 1KHz). Frequency response: 20Hz to 20KHz (-3dB). Signal/noise ratio : 86dB (A weighted). Input sensitivity: 40mV / 150Kohm. Overload and short-circuit protected. Supply voltage: 15VDC (8 to 18VDC possible) / 0.5A. 2.2" x 1.4". #K4001, \$11.95



2 X 30W AUDIO POWER AMPLIFIER. This small amplifier is constructed with the TDA1521 IC, with a maximum supply capability of 2 x 15Wrms (4ohm) of 2 x 10Wrms (8ohm). The IC is thermally and short-circuit protected. Additional rectifier and smoothing filter are unnecessary, as alternating current can be directly connected to the unit. See our website for further specifications. 2.8" x 2.0". #K4003, \$35.00

PINK NOISE GENERATOR. A pink noise generator and a spectrum analyzer are used

to analyze the acoustic properties of a room. A microphone with a linear frequency response is used to pick up the pink noise. The result will be the frequency response of the room. An equalizer will allow you to check and correct the response of the room. Easily adapted to produce "white noise". This pink noise kit produces a pseudo random digital noise with a clock frequency adjustable between 30 and 100kHz. Regulator sliding length: 33 bit. Pink noise filter: 3dB/octave (20Hz to 20kHz). Output 150mVrms into 1000 ohms. Requires 9 - 12V AC or 12 - 15V DC / 5mA. #K4301, \$15.95, Recommended housing, #G410, \$4.46



MONO VU-METER 10 LEDs. VU meter with a scale consisting of 10 LEDs and an adjustable input. Dot or bar indicator. Supplied with 1 front panel suitable for horizontal or vertical mounting. Range: -20dB to +3dB. Power supply: 10 - 15VDC / 250mA. Input sensitivity - low input: 150mV to 6Vrms (47K). high input: 1.5V to 60Vrms (470K). 1.5" x 2.7". #K4304, \$19.95

STEREO VU-METER 2 x 10 LEDs. Stereo VU meter with 2 x 10 LEDs (dot or bar indicator) and an adjustable input. Included in package: 1 front panel suitable for horizontal or vertical mounting. Range: -20dB to +3dB. Power supply: 10 - 15VDC / 250mA. Input sensitivity - low input: 150mV to 6Vrms (47K). high input: 1.5V to 60Vrms (470K) PCB dimensions : 1.5" x 2.7" (x2). #K4305, \$29.95



AUDIO POWER METER. 10 LED scale, up to 2000Wrms power measurements. Does not need a special power supply, because it is supplied directly from the speaker output. Ideal for car

audio systems and PA systems. Also usable for bridged amplifiers. The unit can be used both horizontal and vertical. The kit comes with a front panel and four attractive front stickers, for the different scales. Four different scales - At 4 ohm load in low power mode: 0.3 to 400Wrms. At 4 ohm load in high power mode: 10 to 2000Wrms. At 8 ohm load in low power mode: 0.15 to 200Wrms. At 8 ohm load in high power mode: 5 to 1000Wrms. Minimum input sensitivity: 1.1Vrms (low power mode). Maximum input voltage: 130Vpeak (high power mode). Current consumption: 25mA at full scale. Luminous intensity: 8 to 20mcd / LED. 4.7" x 1.6" x 1.1". #K4307, \$49.95

AUDIO/VIDEO TV MODULATOR. The audio and video signal are converted into a UHF TV signal that can be received by the TV within a 96 ft range. The kit includes housing and antenna connector. UHF channel 21 (450 - 500MHz adjustable). Requires 12 to 15V DC / 100mA. 2.8" x 4.1" x 1.2". #K4601, \$39.95



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Velleman Electronic Kits

Kits require insertion and soldering of components! Pictures are shown after assembly.



TELEPHONE AMPLIFIER. This telephone amplifier may be used as a free-standing amplifier with speaker, e.g. to listen to a telephone conversation, or the output may be connected to an amplifier or mixing panel (e.g. radio stations). Input - isolation transformer interface. Speaker output 0.5W / 8ohm. Line output 0dB (0.775Vrms). Requires 7 - 9V AC or 9 - 12V DC / 150mA. PCB dimensions : 2.5" x 2.1". #K4900, \$14.95
Recommended housing, #G416, \$6.26

SIGNAL TRACER/INJECTOR.

This signal tracer /injector has been designed to inject or detect a specific signal into an audio circuit in need of repair (such as amplifiers, radios, tone controls, ...) so as to detect the fault. In this way problems can be traced more easily. The signal tracer may also be used as a simple monitor or amplifier. Independent injector/tracer. Injector - 0-2.5Vrms output (adjustable), output impedance: 1.5Kohm, frequency: ± 1KHz. Tracer - 3.5mV to 10Vrms sensitivity (adjustable), gain: 40dB, input impedance: 50Kohm. Output power: 0.5W / 8ohm. Power supply: 7-9VAC or 9-12VDC / 150mA. PCB dimensions: 2.4"x2.1". #K7000, \$19.95



VOLTAGE DETECTOR this device locates house wiring within walls and traces wire to find a break. A flashing LED indicates when voltage is present. The flashing speed indicates how close the wire is, approx 3.9 inches maximum. For audio indication you can add buzzer SV4/12-S. 9V battery (not included). 2.2"x2.5". #K7101, \$12.95
Recommended housing, #G407, \$4.42

METAL DETECTOR can detect wiring, pipes, or metal parts within a wall to a depth of about 3.15 inches. A LED indicates detection of metal. For audio indication, buzzer type SV4/12-S may be connected. 9V battery (not included). Size 2.2" x 2.5". #K7102RS, \$13.00
Recommended housing, #G407, \$4.42



LOW COST UNIVERSAL BATTERY CHARGER. Charges NiCd or NiMH batteries. Ideal for car use. Transforms a mains adapter in to a charger (adapter socket included). Charge cellular phone, toys, portables, video batteries, ... Selectable charge current 50mA, 100mA, 200mA, 300mA, 400mA. LED charge indication. Supply voltage from 6.5V to 21V (depending on used battery). Supply current is same as charge current. Power supply polarity protected. LED function indication. 1.6" x 2.4". #K7302, \$11.95
Recommended housing, #G403, \$2.28

DC TO PULSE WIDTH MODULATOR

for control for DC motors, lighting, small heaters. Pulse width modulation (PWM) produces a series of pulses whose duration is proportional to a DC voltage. This allows for very efficient control of DC motors and other DC operated devices. Overload and short circuit protected. Input voltage 8 - 35 VDC output current 6.5A. Dimensions: 3.4"x1.9"x1.8". #K8004, \$22.95



MULTIFUNCTION RELAY SWITCH. 15 functions including timers, switching, flashing, interval, random switching, ... Two pre-programmed delays. Learning mode for delays of 2s up to 12 days. Pushbutton control. EEPROM for delay time storage in case of power failure. On-board transient filter for the relay contacts. Suitable for control of incandescent lighting, halogen lighting, fluorescent lighting, fans, valves, buzzers, ... Requires 9-12VAC or 12VDC. Max. load : 2.5A (275W / 110V). 3.4"x1.5"x1.0". #K8015, \$22.50
Recommended housing, #G410, \$4.46

10-CHANNEL, 2-WIRE REMOTE CONTROL.

Control 10 devices using only 2 wires up to 55 yards apart. Microprocessor controlled. Inputs can be push-buttons, switches or open collector outputs. The receiver section provides 10 open collector outputs that control relays directly. Terminal block connectors for all input and output connections. All outputs are provided with LED indication. Can be used with: K6711, K8000RS, K8006, or relay cards: K6714, K6714-16. 10 open collector outputs : 50V / 100mA. Requires single 12-15V AC or DC, 300mA. Dimensions: control pcb : 2.7" x 2.0" x 0.6"; receiver pcb: 4.0" x 2.0" x 1.0". #K8023, \$39.95



FLASHING LEDs. For different applications (such as model construction), and recreational. Adjustable flashing speed with two potentiometers. ± 8mA. Requires 9V battery (not incl.) 1.2" x 1.4" x 0.6". #MK102, \$8.95

SIGNAL GENERATOR. Signal output: sine wave, triangle, square wave and integrator (selectable through jumper). Signal frequency: about 1KHz (fixed). Output level: adjustable from 0 to 100mVrms (LEVEL potentiometer). Requires 9V battery (not incl.). 2.2"x1.6". #MK105, New, \$9.95



WATER ALARM. Gives alarm sound when water is detected. Incorporated alarm buzzer. Water sensor can be placed at a distance by cutting the board and using wires to connect the sensor. Requires 9V battery (not incl.). 1.8"x2.8". #MK108, \$7.95

INTERVAL TIMER. For intermittent operation of circuits and equipment. Blinking light, video/photo single frame shooting, slide projector control, miniature models. 3A/24V output relay with dry switch-over contact. Pulse time adjustable: between 0.5 and 5 sec. Pause time adjustable: between 2.5 and 60 sec. Power supply: 12Vdc / 100mA. 1.6"x3.4". #MK111, \$9.95



SIREN SOUND GENERATOR. Generates 4 different sounds: police siren, fire brigade, emergency vehicle and laser gun. RV1 adjusts sound pitch. On/off switch and PCB speaker included. Requires 9V battery (not included). 2.4" x 1.6". #MK113, \$12.95

POCKET VU METER. 5 red LEDs. Incorporated microphone. Adjustable sensitivity. Requires 3V type CR2032 battery (not included). #MK115, \$8.95



IR LIGHT BARRIER. Applications: announce visitors, warn against burglars, set boundaries, for science projects, ... Audible (85dB) and visible (LED) alert. Range 3.3ft to 13ft. On/off switch provided. Requires - Transmitter: 9V DC / 50mA max; Receiver: 9V DC / 20mA max. 9V battery holder and adapter jack included. Transmitter: 2.2" x 1.6". Receiver : 3.9" x 2.0". Not for outdoor use. #MK120, \$12.95

LIGHT SENSITIVE SWITCH.

Switch-on at dusk, turn off at dawn, fully automatic. Wide-range adjustable sensitivity. Delay circuit avoids cycling. Relay output NO/NC 24V/5A max. Requires 12VDC. With adapter-connector. 2.6" x 2.0". #MK125, \$8.95



RUNNING MICROBUG.

Attractive bright colored bug-shaped miniature robot. The microbug is always hungry for light, it drives towards it! Two open chassis sub-miniature motors. Adjustable light-sensitivity suits almost any light condition and allows to control it's 'bug-like' behavior. LED 'eyes' indicate driving direction. Stops in total darkness. Requires 2 x 1.5V AAA batteries (not incl.). 4.0" x 2.4". #MK127, \$15.95



CRAWLING MICROBUG.

Attractive bright colored bug-shaped miniature robot. The microbug is always hungry for light, it drives towards it. Two open chassis sub-miniature motors. Adjustable light-sensitivity suits almost any light condition and allows to control it's 'bug-like' behavior. Adjustable speed. Choose between two different walks. LED 'eyes' indicate driving direction. Stops in total darkness. Requires 2 x 1.5V AAA battery operation (not incl.). 4.3"x3.5". #MK129, \$19.95



QUIZ TABLE. Up to four players can compete. LED indicates first button pushed. Quizmaster 'RESET' -button with 'button pushed'-indication. Two units can be daisy-chained for eight-player-fun! With on-off switch. Requires 9V battery (not included). 4.3" x 3.1" x 1.1". #MK133, \$9.99

SUPER STEREO EAR. Stereo audio amplifier boosts sound 50 times. Great for the hearing impaired (e.g. when watching TV), as a gadget, science project, ... With volume control and on/off switch. Requires three AA batteries (not included). 2.4" x 2.1" 1.7". #MK-136, \$11.99



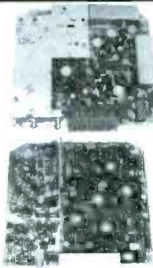
DUAL WHITE LED STROBOSCOPE. Two super bright white LEDs. Powerful flash effect great for party's, in scale models, as attention grabber, to observe moving parts, etc... Slow/fast selector and speed adjust trimmer. Speed adjustable between approx. 1 and 60 flashes/second. On/off switch. Requires 9V battery (not included). Power consumption 40mA max. 2.2"x1.3"x1.6". #MK147, \$10.95

DUAL SUPER BRIGHT FLASHING RED LIGHTS. Two super bright red LEDs. Powerful flash effect for emergencies, warning signs, as eye-catcher, 'alarm-active' - simulation, etc. 'Auto turn-on at dark' - mode with adjustable sensitivity. On/off switch. Requires 9V battery (not included) (12V possible). 2.2"x1.3"x1.6". #MK148, \$7.95



EMAIL US YOUR INQUIRIES AT FAIRADIO@WCOIL.COM

ARC-187 Cards



ARC-187 Receiver RF/Modulator circuit cards removed from ARC187 for some TCTO. These two circuit boards were the heart of the transceiver. No schematics or hookup info. Mostly discrete components with some surface mount. More pictures at www.fairradio.com/arc187.htm Each board is 4.5x4.2x0.8, 2 lbs sh. #CB-ARC-187, Used good condition, \$30. both circuit cards.

RF Amp. / Preselector

Harris RF301/GRC-165 2-15 Mhz RF Amplifier/Preselector section contains V1 6DC6, V2 12BY7 which provide tuned grid/tuned plate amplification for the RF receive amplifier and the transmit driver. Band switch does not have detents, 14 1 mhz bands. 1/IERC 6025 and 1/IERC 5020. Power required 200 VDC, -36 Vdc and 6.3 vac. An excellent basis for QRP set or experimentation. 6.3x6.5x6.7, 5 lbs sh. With schematic and info. #RFA-165, \$19.95; 2 for \$35



5 MHz Standard

FREQUENCY STANDARD MODULE from R-1051* and RT-618* radios; usable as replacement or adapt to other need where standard is required. Crystal oven with 5 MHz crystal provides 5 MHz sinewave output (approx 1.8V) plus possible non-sine outputs dual 500 KHz, 1 &

10 MHz. Designed stability: 1 part in 10 / day. Requires 18-24 VDC input. 4.4x3x4.5, 2 lbs. used crystal only is checked, other outputs may need repair, #6625-078-4718, \$20.00 w/ schematic

455 KHz BFO

PERMEABILITY-TUNED 455 KHz BFO COIL from R-392 receiver. Originally used with 5-55 pf variable capacitor but fixed cap may be substituted. Oscillation without parallel capacitor: 452-480 KHz. Good basis for BFO for any receiver with 450-465 KHz IF; w/ schematic. 3.3"Lx 1.5" dia, 1 lb. #BFO-T602/R392, USED, \$14.95



RF Exciter

RF EXCITER MODULE from 1980's HF transceiver; mixes 500 KHz USB signal with synthesized frequency to produce and amplify modulated RF. Synthesizer (not available) supplied 74.5/75.5 (LSB/USB) and 77-105 Mhz depending on desired output frequency; RF output is low level. Requires +5, +12, -12, +28 VDC; with pinout. 1x7.8 x3.3, 2 lbs. #RF-EXC-1512, unused, no info, \$25.

RF-550 Modules

Harris RF-550 HF receiver & RF-131 exciter modules ; 4.1x2.1 x5.9, 2 lbs sh. USED, not tested:

#A2A8/RF550 High Band Phase Lock Loop. \$33.00

#A2A14/RF550 Low Band Phase Lock Loop, \$32.95 SCHEMATIC packets, #SCH-(specify #), \$7.50 ea w/module purchase.



ARC-5 Parts

SCR-274/ARC-5 COMMAND SET replacement parts:

#7277 6-9.1 MC 1st IF, \$5.00
#7279 " " 3rd IF, \$5.00
#5856 " " oscillator \$5.00
#6234 " " RF sect. \$9.00
#7249 5.3-7 MC BC-458/T-21 xmitter PA coil, used \$6
#6032 6-9.1 MC BC-459/T-22 xmitter oscillator coil \$4

PRC-70 Front Panel



Frequency selector assembly module from the PRC-70 transceiver. 2.7x9x3.9, 4 lbs sh., #FS-PRC-70,

Reconditioned, \$125.00

Infrared Device

INFRARED RECEIVER/DEMULATOR as used in televisions and VCRs for remote control; has infrared detector and an IC for signal processing. Requires 5 VDC; 0.7x0.6x0.6, 1 lb sh. #IFRD-TV, Unused, \$1.95 each; 7 for \$10.00



135 MHz Tunable Cavity



118 - 135 Mhz Tunable Cavity. This is a large three section cavity for use in the range 118 to 135 MHz. No specifications available. Those of you who know about cavities could probably modify it for other frequency ranges. This unit has stepper motor and encoder on each section.

Bodine Hysync DC Stepping Motor 23X1BEHD Caltech Corp Bit encoder 8 bit Absolute 33X121. No info on circuit to use these motors, but you can manually tune the cavities or design your own control circuits. 8.3x26.5x42.9, 70 lbs sh. #TC-135, Used excellent condition, \$100.00

900-1100 MHz Cavity



TRANSMITTER TRIPLER / PRESELECTION CAVITY MODULE from TACAN system in 900-1100 MHz range. Consists of preselector and four silver-plated cavities originally gang-tuned using ball-

chain drive (not available) 10x7.5x2, 7 lbs sh. #4-CAV-93, used, \$49.50

Triplexer

TRIPLEXER from cellular application by Fuji Electrochemical Co. #EF-T02, Frequencies are as follows -

Transmit: 835MHz, Receive: 880MHz, Lo: 784.36MHz. Has female push-on SMA connections for Transmit, Receive, and Lo and a female TNC connection for Antenna. Cast aluminum housing with a removable cover. o/a 4.3x1.5x0.8, 2 lbs sh. Appears to be unused, #EF-T02, \$4.00



850-895 MHz Modules

Modules from digital air to ground phone system. Remove frequency was approx 850 MHz and transmit 895 MHz. Removed from equipment-Excellent:



DITCOM MICROWAVE DF-2575 CIRCULATOR for 850-895 Mhz; 500 watts CW max, 3 KW peak. Isolation 20 DB min; insertion loss 0.3 db max. VSWR 1.25:1. Two SMA, one N conn; 1.4x1.7x1.3, 1 lb. #DF-2575, \$15.00

FERROCOM 9K15-S CIRCULATOR, 840-900 MHz; T-shape SMA-N-SMA conn. No further info; 1.9x1.9x1. #9K15-S, \$14.95

MILCOM 2-WAY COMBINER for 800 MHz, 2- SMA female & 1- male connections; 1.8x2.8x2, 2 lbs. #240-089, \$19.95



800-900 MHz Modules

MODULES & COMPONENTS from airline phone system operating in the 800 to 900 MHz range:



#IFPC COMMON module has two receiver input and two transmitter output sections. Has parts two each Motorola filter 0850E05140 and 0895E05141,

M/A-COM 7N526-6016 circulator in one section. Also 47.5 MHz local oscillator, 5 MHz piezo osc and IC's N80C169KB 16 MHz CPU, 27C256-20 32Kx8 EPROM, 3/84256-10L 256Kx4 RAM & related IC's. Requires +28, +12, -12 V; 11x6.5x3.2, 7 lbs sh. #IFPC, \$20.00

#IFPC-T/R MODULE, stripline receiver RF/IF and low power xmitter boards plus oscillator/AGC board each in separate cavities. Components S80C652-1 MPU, 2/84256A-10 RAM, 27C256JL EPROM, two Sony 20102A D/A CONV, etc. Requires +12, -12 +5 VDC; 11x6.5x1.5, 5 lb. #IFPC-T/R, \$15.00

#AFF-PS MODULE, powered both above modules; has switching supplies Calex #24S12 (24 VDC in to 12 VDC 1.7 A out) and #12S5 (12 VDC in to 5 V 400 MA out); two RO Assoc 220-400 VDC input uVERTERS with one 28 VDC 10 A out and other 12 VDC 10 A out; and Vicor DC-DC Converter 250 VDC 35 W in to 5 VDC 25 W out. Also flat heatsinks, capacitors, etc. 11x6.5x3.3, 7 lb. #AFF-PS, \$10.00

Microwave Bricks



Microwave PLL Oscillators, used good condition. Shipping weight is 3 lbs.

CTI #5328-2, 4800-5300MHz, \$59.50
CTI #P13100, 1042.5MHz, \$49.50
Karkar #PLC33-05, 5925-6355MHz, \$59.50

FreqWest #MS-540XELT-147, 6140-6355MHz, \$59.50
CTI #A1419, 12.859-13.385MHz, \$79.50

Wavemeters

p/o AM-1956/ GRC-50 Rx/Tx 1350.5-1849.5 MHz FM oscillators; cal book for tuning CHN #, MAIN TUNE, OUT FREQ, & REC OSC. BNC connections; 3x3x9, 5 lbs sh. #WAVE-1956, Used, \$17.95



1700-2600 MHz WAVEMETER, 20-turn vernier tunes in increments of 1. BNC connections; 1N21 diode output. On 3.5"W bracket; o/a 4.8"Hx2", 2 lbs sh. #SMD-302123, used, \$24.95

Bird Power Monitor



BIRD 4162D RF POWER MONITOR, rated 220-405 MHz 40 W. Measures incident and reflected power; VSWR 1.1:1 max. Usable over 145-500 MHz. Output 100 ua @ 5K ohm. RF connectors; output C,

input BNC. DB-9 for DC outputs. 1.8x4x1, 1 lb sh. #4162D, NEW, \$19.95

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

SWR Indicator Circuit



STANDING-WAVE RATIO INDICATOR CIRCUIT, assemble a SWR meter using this 1.8" square 0-10 scale (FS=2 ma)

meter with filters, rectifiers & modified Schering bridge. One pair of bridge arms is resistive, the other capacitive. Circuit is balanced when antenna is tuned to 52 ohms resistive resulting in "0" reading on meter. Bridge: 2.5x 2.3x1, 2 lbs sh. #M701/CU-991, Used, w/info, \$8.95

SWR / Discriminator pull out from AM-3349/GRC-106 Amplifier which covers 2-30 MHz at 200 Watt AM and 400 Watt PEP. Has two R/A mini BNC connections and a 15 pin DB connector with 15 pin mating connector. 3.2x2.6x2.2, 2 lb. w/ schematic. #SWR-3349, \$10.00



SWR BOARD for HyGain radio; no further info. #PTSR006A0X, \$1.00

QRP Circuit Boards

SHORT-WAVE CW EXCITER/ TRANSMITTER by Ryan

Communications; tiny 2"x4" high quality circuit boards cover active segments of ham



radio low band frequencies @ 1.25 W CCS from 12 VDC power input into 50 ohms resistive. Output increases from 0.75 W-2.5 W as input varied from 10-16 VDC. RF Harmonics > 30 DB. Has 2N3019 power amp transistor and double Pi-net. Provision for HC-6 -33 xtal; norm-open contact-closure required for output. #SW-2, 1.8-2.0 MHz, \$32; #SW-4, 3.5-4 MHz, \$26; #SW-7, 7-7.5 MHz, \$22; #SW-10, 10-10.6MHz, \$22; #SW-14, 14-14.7MHz, \$22; #SW-10, 18-18.9MHz, \$25; #SW-14, 21-21.9MHz, \$29

Noise Activated Switch



NOISE-ACTIVATED SWITCH with sensitivity adjust and mlc; 6 VDC input, 2"x2". #54-91, \$1.25 ea

S-Line Mechanical Filter

Circuit Board with #526-9310-009 mechanical filter model F455Q3. This "Y" style filter will fit S-Line equipment. 100K ohm in/out impedance. 3.5dB bw is 18kc, 70dB bw is 70kc. IF frequency of the filter is 455KHz.



The circuit board also has two 5636 sub-mini tubes and various resistors and capacitors. No further info on circuit board. 3.9x3.5x0.8, 2 lbs sh. #CB-MECH, Used, \$20.00 each; 4 for \$60.00

Directional Coupler



Rockwell Directional Coupler for the AN/GRC-171B 20 watt, 200-400 MHz transceiver. SMA connector for RF input. RF output uses BNC connector. NOS# 5985-00-588-5285, 4.8 x 1.3 x 1.3, 1 lbs sh. #ROCK-DIR, \$25.00

225-400 MHz DIRECTIONAL POWER DETECTOR used in AM-6155 UHF power amplifier. Rated 65 watts forward; 15 watts reversed.



Forward/ reversed DC output proportional to output/mismatch; sub-mini connectors provided. "N" RF connections; 4.5x1x1.3, 1#. Coaxial Dynamics #3023, Used, \$18.00

Crystal Oscillator



TRANSISTORIZED CRYSTAL OSCILLATOR and BUFFER, 56 to 99 Mhz with 75 °C temperature controlled oven.

Requires 5th overtone HC-6 (20 pf) crystal (not supplied). Has external oscillator input plus tuning meter & oven output. Requires 12-18 VDC regulated for oscillator; 22-39 VDC 1 amp for heater. W/BNC and SMA RF connections; DEC-9P plug for power. Part of GRT-21/22 xmitters. 6.5x2x3.3, 3 lb #OSC-8004290G1, used with schematic \$9.95

Collins Modules

Collins 250 KHz IF assembly from ARC-38 transceiver. Has mechanical filters. F250A65 and F250Z4. Two 250KHz IF transformers. Tubes 5814, 3/5749, 5726. 3 lbs sh. #IF-ARC38, Used, \$29.95

250KHz Crystal Oscillator w/oven. 2/5749 tubes. #CO-250, Used, \$8.95



618S 250KHz IF Amplifier F250A67 250 khz mechanical filter 2/5726, 3/5749 3 lbs sh. #IFA-618S, Used, \$16.00



UHF Power Amp



Power Amplifier Plug-in for AM-6155 amplifier which is conservatively rated for 50 watts. Plug-in includes valuable parts such as the main cavity, low pass filter, directional power detector, and tetrode tube Eimac X651Z/8930 or Amperex DX393. 18.3x7x6.8, 13 lbs sh. #PA-6155, Used, \$135.00

HV Supply from AM-6154 or AM-6155 amplifier. Loaded with GREAT parts! 1752V at 270ma transformer, 8HY 300ma choke, 100K ohm 95 watt resistor, 2x5mfd 3KVDC capacitor, & rectifier circuits card. Has broken connectors. 15x5.7x6.3, 32 lbs sh. #HV-6155, Used, \$90.00

Bias Supply from AM-6154 or AM-6155 amplifier. 7.1x5x4, 7 lbs sh. #BS-6155, Used, \$30.00

AC - AC Inverter from AM-6154 or AM-6155, 7.1x5x4, 7 lbs sh. #INV-6155, \$32.00

Permeability Tuner

Concord Permeability Tuner for 5 tube superhet with schematic. Used the following tubes (not included) 12SA7 12SK7 12SQ7, 50L6, 35Z5. Use to restore your old radio or to make your own. 3.9x2.3x2.2, 2 lbs sh., #99-3584, New Old Stock, \$14.95



Discriminator



PHASE & LOAD DISCRIMINATOR determines if load is <, >, or = to 52 ohms; also if R, C, or L. 3rd output relative to antenna current; with schematic. 2x3 x3, 2 lbs. #T201/180L, \$9.00

Hardware

HARDWARE ASSORTMENT of washers, screws, nuts, rivets, terminals; 2 lbs sh. #HWA-2, \$2.00



DUAL BINDING POST RED/BLACK. For standard banana plugs. Distance between connectors is 0.79". Drill hole is 0.15" (x2). 1.5" x 1.3". #CM14R, New, \$1.29; 3 for \$3.49

As above but gold plated contacts. #CM15R, \$1.99; 2 for \$3.79

BINDING POST for Banana plug. Length is 1.7". Drill hole is 0.3".



Black color, New, #CM3B, 2 for \$0.99; 5 for \$1.99



BANANA PLUG SCREW CONNECTION. Solder connections. Length is 1.7". New.

Black color, #CM9B, 5 for \$1.00; 10 for \$1.79
Red color, #CM9R, 5 for \$1.00; 10 for \$1.79

As above but gold plated.

Black color, #CM10B, 3 for \$0.99; 7 for \$1.99
Red color, #CM10R, 3 for \$0.99; 7 for \$1.99



FLEXIBLE COUPLING from T-368, 1.3"L accordian style; connects 1/4" to 1/2" shafts, #BFX-CPL-3-5, \$7.50

HEX SPACERS

male-female thread or female-female (f-f) : #HEX-(thread)-(length)

Length	per 20	per 100
4-40 threads 1/4" dia metal		
0.75"	\$4.25	\$12.50
1.375	\$5.50	17.00
6-32 threads 1/4" dia metal		
0.375	\$3.00	\$10.00
0.625	\$3.50	12.00
0.75	\$3.75	12.50
1.5 (f-f)	\$4.25	14.50
8-32 threads 7/16" dia:		
3.0	\$7.00	21.00
1/4"-28 threads 7/8" dia:		
2.87	4/\$3.50	20/\$14

TERMINAL STRIP with 28 silver-plated 0.8"Hx0.4" dia spring push-down binding posts on 15.3x3.9 x0.4" thick black phenolic board. Phenolic may have minor chips; 4 lbs sh. #TM-184-PT, Used, \$20.00

Older version of above with 0.6" dia white-brass screw-down terminals, #TM-184-ST, used, \$22.00

AUGAT single 8-terminal PC mount: 2"Lx0.6"W: #4PCV-08, 10/\$7.50

VARIABLE TERMINAL STRIPS, pairs removable to decrease or increase length. #GE-V12-TERM, 12 terminal pair 1.3Hx8.3Lx2"W, \$2.50
#BUC-V8-TERM, 8 terminal pairs 1.3"Hx3.9"Lx1.1"W, \$2

SHOCK MOUNTS you bolt to equipment.



STYLES: A B C

#SM-4A, 4 #, \$4.5	#SM-6A, 6#, \$5.0
-9A, 9#, \$6.0	-12A, 12#, \$7.0
-12B, 12# \$8.5	-15B, 15#, \$1.00
	-50C, 50# \$1.50

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Old Radio Books



RADIO FOR THE MILLIONS, From the pages of World War II vintage issues of Popular Science Magazine came this reprint of well-illustrated electronics articles on everything from

phonographs and shortwave radios to cabinet design and radio servicing. Everyone of the dozens of articles is illustrated with sharp photographs, schematic diagrams, and parts lists. 192 pp #BK-MILL, \$11.95

IMPOVERISHED RADIO EXPERIMENTER VOLUME 1, Contains tricks, tips, and secrets to help the builder of simple radios and electrical gear achieve high performance at minimal cost. Also: vacuum tube substitutions; inexpensive tube power supplies; grid leak detectors; regenerative receivers and more. 48 pp; #BK-IMP-1, \$5.95

IMPOVERISHED RADIO EXPERIMENTER VOLUME 2. Contains information on building a grid dip oscillator, a shortwave converter, a slow motion dial drive, space-wound coils and more. 48 pp #BK-IMP-2, \$5.95

IMPOVERISHED RADIO EXPERIMENTER VOLUME 3. Contains information on building an impedance bridge, a one-tube SW receiver, a headphone amplifier, old-time radio cases and more. 48 pp #BK-IMP-3, \$6.95

IMPOVERISHED RADIO EXPERIMENTER VOLUME 4. Contains info on building a TRF regenerative receiver, a one-tube crystal converter, a versatile power supply, a slide rule dial and more. 48 pp #BK-IMP-4, \$6.95

IMPOVERISHED RADIO EXPERIMENTER VOLUME 5. Contains info on building a superhet receiver, a coil winding machine, a simple alignment oscillator, IF transformer and more. 48 pp #BK-IMP-5, \$6.95



OFFICIAL 1934 SHORT WAVE RADIO MANUAL, Build simple, high performance old time shortwave radios! All of the secrets are here: the circuit diagrams, parts layout, coil

specifications, construction details, operation hints, and much more. This is a compilation of construction articles from "Short Wave Craft" magazine. 260 pp, #BK-1934, \$15.95

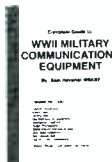
1935 Official Short Wave Radio Manual. The most important developments in short-wave transmitter and receivers are covered in this new edition of the manual. Contains wiring diagrams and the values of the various condensers, resistors, etc., of all the principal short-wave receivers. Plenty of articles on small receivers and transmitters which can be built at a small cost. 240 pp, #BK-1935, \$18.95



CRYSTAL RECEIVING SETS, How-to guide on building crystal sets and their components. Chapters include a simple and efficient receiving set, a single slider set, set

with semicircular tuner, crystal set with tapped single coil, a loose-coupled set, set with plug-in basket coils, combined crystal and valve (vacuum tube) receiver, some miniature receiving sets, crystal circuits, how crystals work, making a buzzer, receiving CW signals on a crystal set, making a wavemeter from a crystal set, converting low-resistance phones, and the morse code. 125 pp #BK-CRY, \$10.95

AMATEUR RADIO BEGINNERS GUIDE, Learn how to build a regenerative receiver and a crystal controlled breadboard cw transmitter that will allow you to talk to people all over the world. Chapters include: introduction to amateur radio, learning the code, receiver theory and construction, crystal oscillator transmitter, two-stage transmitter, three-stage transmitter, construction of modulator for three-stage transmitter, and reference. 155 pp #BK-AMA, \$9.95



WWII MILITARY COMMUNICATIONS EQUIPMENT, A compilation by Sam Hevener, detailed information on USAAF aircraft sets, infantry sets, vehi-

cle sets, countermeasures equipment, intelligence equipment, radar, photography, british infantry and aircraft sets, unit radio assignments, navy aircraft sets, vacuum tube cross reference. Lots of interesting information. 8.5x11, 103 pgs, #BK-WWII, \$15.00

SECRET - US AIRBORNE RADAR SETS Nov 1, 1944. Covers basic information about the early radars that won WWII. Covers frequencies used, aircraft installed in, type of power output tube, various components of system. No pictures, sorry. A reprint by Sam Hevener, a well known WWII aficionado. 11X8.5, 176 pgs, #BK-1944, \$19.00



U.S. Armor and Communications, Reprint of info on various radio equipment and accessories used by the U.S. military during the 1970's.

Used at Army Armor school Ft. Knox. 200+ pages. Tape bound. #BK-ARM, \$14.00

Tesla Books



Inventions, Researches & Writings of Nikola Tesla - A complete record of all of Tesla's accomplishments upto 1893. Has 4 parts to the book:

Polyphase Currents, The Tesla Effects with High Frequency and High Potential Currents, Miscellaneous Inventions and Writings, and Early Phase Motors and the Tesla Oscillators. Rare volume. 496 pp #BK-INV, \$18.95

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Double Tesla-Oudin Coil - Five different articles from WWI-era electrical magazines including double Tesla-Oudin Coil, seeing the unseen, high voltage meter, home-

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Military Lists

Copies of mil-references

Radio Lists

#TM11-487A Directory of Old Signal Corps...Radio Equipment, 8/ 1950. 4 pgs missing, 246 pp; \$22.95

#TM11-310 Schematic Diagrams of Signal Corp Ground Radio Equipment 1943-47; 32 selected vehicle & field radios; 228 pp. \$24.95

Vacuum Tube Lists

Vacuum Tube compliments of Signal 10/44; tube line-ups of many vintage military & commercial radios. Also lists by tube # the radios in which tube is used. 192 pages, 3 lbs. #TO-08-1-25, \$19.95

Electron Tubes, Cross Index and Type Identification, Nov '63; comprehensive list of tubes used by the US military; 303 pages, #MIL-HDBK-213A, \$27.50

German Lists

DIRECTORY OF GERMAN RADAR EQUIPMENT (US WAR DEPARTMENT MANUAL, TME 11-219, APRIL 1945) Pictures and drawings of German Radar Equipment to aid the recognition of equipment and components. I suppose this was part of the clean up of war materiel after the war. Reproduction 68 pages. #TME11-219, \$20.00.

SIGNAL COMMUNICATION EQUIPMENT DIRECTORY GERMAN RADIO COMMUNICATION EQUIPMENT (US WAR DEPARTMENT MANUAL, TME 11-227, JUNE 1944) Each radio has a picture, specifications, and a short comment about each receiver or transmitter. Reproduction 55 pages. #TME11-227, \$20.00

Various Books



THORDARDSON TRANSFORMER MANUAL, Great for transformer reference, tube amp schematics and tube radio repair secrets. Full of info on schematics,

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Secrets of Building Lightning Bolt Generators - Walt Noon will explain the experiments he has run, the problems, the solutions, how to build low cost generators from parts on hand. In addition, build simple static machines, van de Graff generator, dirod generator, Pogeendorff corona motor and much more. 91 pp #BK-SCRT, \$8.95



MANUFACTURE OF WIRELESS COMPONENTS, Contains a series of articles showing how wireless components were fabricated with simple machine tools just after WWI. There are articles on making radio parts, jigs and fixtures, fabrication of honeycomb coils, manufacturing of moulded electrical and wireless parts, and more. 64 pp, #BK-MFG, \$6.95



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	AN/PRC-119 A, D; AN/VRC-87 A, C, D; VRC-88A, D; VRC-89 A, D; VRC-90 A, D; VRC-91 A, D; VRC-92 A, D. Has line drawings, inter wiring, and trouble shooting trees. repro 60	AN/VRC-13-15 original 10.	CU-656 Multicoupler repro 17.00	R-389 repro 17.00	TS-723 repro 12.00
	AN/PRC-119 A, D; AN/VRC-87 A, C, D; VRC-88A, D; VRC-89 A, D; VRC-90 A, D; VRC-91 A, D; VRC-92 A, D. Has line drawings, inter wiring, and trouble shooting trees. repro 60	AN/VRC-24/TRC-68 repro 35.00	CU-872 repro 10.00	R-390 repro 17.00	TS-1325 , TS-1324 repro 20.00
	AN/PRC-119 A, D; AN/VRC-87 A, C, D; VRC-88A, D; VRC-89 A, D; VRC-90 A, D; VRC-91 A, D; VRC-92 A, D. Has line drawings, inter wiring, and trouble shooting trees. repro 60	AN/VRC-53,VRC-64, VRC-164,GRC-125,GRC-160,AM-2060 original 20.	CU-1658 (COL 490T1) 20.	R-390A repro 17.00	TSQ-54A repro 17.00
	AN/PRC-119 A, D; AN/VRC-87 A, C, D; VRC-88A, D; VRC-89 A, D; VRC-90 A, D; VRC-91 A, D; VRC-92 A, D. Has line drawings, inter wiring, and trouble shooting trees. repro 60	AN/VRM-1 repro 20.00	CU-2194 original 10.00	R-390A O.I. repro 10.00	TV-2,A,B,C repro 12.00
	AN/PRC-119 A, D; AN/VRC-87 A, C, D; VRC-88A, D; VRC-89 A, D; VRC-90 A, D; VRC-91 A, D; VRC-92 A, D. Has line drawings, inter wiring, and trouble shooting trees. repro 60	AN/WRR-2A,2B / FRR-59A,59B repro 50.00	CV-116 FSK Converter repro 17.00	R-391/URR repro 17.00	TV-7,A,B,D repro 12.00
	AN/PRC-119 A, D; AN/VRC-87 A, C, D; VRC-88A, D; VRC-89 A, D; VRC-90 A, D; VRC-91 A, D; VRC-92 A, D. Has line drawings, inter wiring, and trouble shooting trees. repro 60	ARC TYPE 12 (R-10-11-15-19, T-11-13) 15.00	CV-157 repro 20.00	R-392 Maintenance repro 17.00	TV-10A,D repro 12.00
	AN/PRC-119 A, D; AN/VRC-87 A, C, D; VRC-88A, D; VRC-89 A, D; VRC-90 A, D; VRC-91 A, D; VRC-92 A, D. Has line drawings, inter wiring, and trouble shooting trees. repro 60	AS-1729 repro 15.00	CV-591 (MSR-4) repro 10.	R-392 Field & Depot Maintenance repro 20.00	ZM-11 repro 12.00
	AN/PRC-119 A, D; AN/VRC-87 A, C, D; VRC-88A, D; VRC-89 A, D; VRC-90 A, D; VRC-91 A, D; VRC-92 A, D. Has line drawings, inter wiring, and trouble shooting trees. repro 60	AS-2285 VHF FM Blade Antenna repro 15.00	CV-1758/UR repro 10.00	R-442 repro 30.00	ZM-30/URM-90 repro 15.
	AN/PRC-119 A, D; AN/VRC-87 A, C, D; VRC-88A, D; VRC-89 A, D; VRC-90 A, D; VRC-91 A, D; VRC-92 A, D. Has line drawings, inter wiring, and trouble shooting trees. repro 60	ASB-5 Navy Radar ops original 10.00	CV-1982/TSC26 repro 15.	R-484/APR-14 repro 22.	*****
	AN/PRC-119 A, D; AN/VRC-87 A, C, D; VRC-88A, D; VRC-89 A, D; VRC-90 A, D; VRC-91 A, D; VRC-92 A, D. Has line drawings, inter wiring, and trouble shooting trees. repro 60		CV-751 repro 15.00	R-648/ARR-41 repro 17.	
	AN/PRC-119 A, D; AN/VRC-87 A, C, D; VRC-88A, D; VRC-89 A, D; VRC-90 A, D; VRC-91 A, D; VRC-92 A, D. Has line drawings, inter wiring, and trouble shooting trees. repro 60		DAE-1 original 20.00	R-744/PR repro 12.00	
	AN/PRC-119 A, D; AN/VRC-87 A, C, D; VRC-88A, D; VRC-89 A, D; VRC-90 A, D; VRC-91 A, D; VRC-92 A, D. Has line drawings, inter wiring, and trouble shooting trees. repro 60		DAV-2 original 20.00	R-836/ARN-59 repro 15.	
	AN/PRC-119 A, D; AN/VRC-87 A, C, D; VRC-88A, D; VRC-89 A, D; VRC-90 A, D; VRC-91 A, D; VRC-92 A, D. Has line drawings, inter wiring, and trouble shooting trees. repro 60		EE-8 repro 8.50	R-901/GR repro 12.00	
	AN/PRC-119 A, D; AN/VRC-87 A, C, D; VRC-88A, D; VRC-89 A, D; VRC-90 A, D; VRC-91 A, D; VRC-92 A, D. Has line drawings, inter wiring, and trouble shooting trees. repro 60		ET8003 Radio Marine 12.	R-1051B repro 45.00	
	AN/PRC-119 A, D; AN/VRC-87 A, C, D; VRC-88A, D; VRC-89 A, D; VRC-90 A, D; VRC-91 A, D; VRC-92 A, D. Has line drawings, inter wiring, and trouble shooting trees. repro 60			R-1170/R-962/ARR-52 repro 15.00	
	AN/PRC-119 A, D; AN/VRC-87 A, C, D; VRC-88A, D; VRC-89 A, D; VRC-90 A, D; VRC-91 A, D; VRC-92 A, D. Has line drawings, inter wiring, and trouble shooting trees. repro 60			R-1490/GRR-17 repro 40.	
	AN/PRC-119 A, D; AN/VRC-87 A, C, D; VRC-88A, D; VRC-89 A, D; VRC-90 A, D; VRC-91 A, D; VRC-92 A, D. Has line drawings, inter wiring, and trouble shooting trees. repro 60			R-1518/URR-71 repro 22.	
	AN/PRC-119 A, D; AN/VRC-87 A, C, D; VRC-88A, D; VRC-89 A, D; VRC-90 A, D; VRC-91 A, D; VRC-92 A, D. Has line drawings, inter wiring, and trouble shooting trees. repro 60			R2174 (Racal) repro 45.	
	AN/PRC-119 A, D; AN/VRC-87 A, C, D; VRC-88A, D; VRC-89 A, D; VRC-90 A, D; VRC-91 A, D; VRC-92 A, D. Has line drawings, inter wiring, and trouble shooting trees. repro 60			RA-34A,B,C,D,E,F,G,H,J repro 17.00	
	AN/PRC-119 A, D; AN/VRC-87 A, C, D; VRC-88A, D; VRC-89 A, D; VRC-90 A, D; VRC-91 A, D; VRC-92 A, D. Has line drawings, inter wiring, and trouble shooting trees. repro 60			RD-173 repro 12.00	
	AN/PRC-119 A, D; AN/VRC-87 A, C, D; VRC-88A, D; VRC-89 A, D; VRC-90 A, D; VRC-91 A, D; VRC-92 A, D. Has line drawings, inter wiring, and trouble shooting trees. repro 60			RD-365 repro 12.00	
	AN/PRC-119 A, D; AN/VRC-87 A, C, D; VRC-88A, D; VRC-89 A, D; VRC-90 A, D; VRC-91 A, D; VRC-92 A, D. Has line drawings, inter wiring, and trouble shooting trees. repro 60			RDG repro 20.00	
	AN/PRC-119 A, D; AN/VRC-87 A, C, D; VRC-88A, D; VRC-89 A, D; VRC-90 A, D; VRC-91 A, D; VRC-92 A, D. Has line drawings, inter wiring, and trouble shooting trees. repro 60			RT-10 repro 17.00	
	AN/PRC-119 A, D; AN/VRC-87 A, C, D; VRC-88A, D; VRC-89 A, D; VRC-90 A, D; VRC-91 A, D; VRC-92 A, D. Has line drawings, inter wiring, and trouble shooting trees. repro 60			RT-66-67-68 original 10.00	
	AN/PRC-119 A, D; AN/VRC-87 A, C, D; VRC-88A, D; VRC-89 A, D; VRC-90 A, D; VRC-91 A, D; VRC-92 A, D. Has line drawings, inter wiring, and trouble shooting trees. repro 60			RT-70 original 10.00	
	AN/PRC-119 A, D; AN/VRC-87 A, C, D; VRC-88A, D; VRC-89 A, D; VRC-90 A, D; VRC-91 A, D; VRC-92 A, D. Has line drawings, inter wiring, and trouble shooting trees. repro 60			RT-246 repro 35.00	

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Miniature Lamps

Type#	5 pack	10 pack	Type#	5 pack	10 pack	
4	\$1.50	\$2.50	382	\$2.50	\$4.50	
5ES8	\$1.50	\$2.50	387	\$1.50	\$2.50	
6ES	\$1.50	\$2.50	388	\$1.50	\$2.50	
7C7 130v	\$1.50	\$2.50	398	\$1.50	\$2.50	
10S6/13 230v	\$2	\$3.00	480	\$1.50	\$2.50	
10S6/13 250v	\$2	\$3.00	502	\$1.50	\$2.50	
10S6/14 120v	\$2	\$3.00	511	\$1.50	\$2.50	
12	\$4.50	\$7.00	562	\$3.25	\$5.50	
12RC	\$5.50	\$9.00	755	\$1.50	\$2.50	
13	\$1.50	\$2.50	756	\$1.50	\$2.50	
14	\$1.50	\$2.50	757	\$1.50	\$2.50	
15T6 130v	\$2	\$3.00	1156	\$1.50	\$2.50	
15T8C 120v	\$2	\$3.00	1157	\$1.50	\$2.50	
24ES	\$1.50	\$2.50	1251	\$2.00	\$3.50	
24ESB	\$2.75	\$4.50	1252	\$2.00	\$3.50	
24X	\$3.25	\$5.50	1356	\$1.50	\$2.50	
24-68M	\$1.50	\$2.50	1455	\$1.50	\$2.50	
30 wheat	\$1.50	\$2.50	1490	\$1.80	\$3.00	
40	\$1.50	\$2.50	1813	\$1.50	\$2.50	
40S11 130v	\$2	\$3.00	1814	\$1.50	\$2.50	
43	\$1.50	\$2.50	1816	\$1.50	\$2.50	
LM44	\$1.50	\$2.50	1819	\$1.50	\$2.50	
45	\$1.50	\$2.50	1822	\$1.80	\$3.00	
46	\$1.50	\$2.50	1828	\$1.80	\$3.00	
47	\$2.50	\$4.00	1829	\$1.50	\$2.50	
48	\$1.50	\$2.50	1843	\$3.00	\$5.00	
48ESB	\$3.00	\$5.00	1886	\$1.50	\$2.50	
48H	\$1.50	\$2.50	1891	\$1.50	\$2.50	
49	\$1.50	\$2.50	1895	\$1.50	\$2.50	
50	\$1.50	\$2.50	2187	\$1.50	\$2.50	
51	\$1.50	\$2.50	7341	\$2.75	\$4.50	
57	\$1.50	\$2.50	7349	\$2.00	\$3.50	
81	\$3.50ea	\$15	\$25.00	7376	\$1.50	\$2.50
93	\$1.50	\$2.50	8462	\$1.50	\$2.50	
130	\$1.80	\$3.00	8602	\$1.50	\$2.50	
161	\$1.50	\$2.50	32173-0	\$1.50	\$2.50	
219	\$2.50	\$4.00	NE16	\$3ea	\$14	\$25.00
222	\$1.50	\$2.50	NE17	\$3ea	\$14	\$25.00
233	\$2.50	\$4.50	NE45	\$3ea	\$14	\$25.00
239	\$1.50	\$2.50	NE48	\$5ea	\$23	\$42.00
245	\$2.00	\$3.50	PR2	\$1.50	\$2.50	
267	\$1.50	\$2.50	PR5	\$1.50	\$2.50	
306	\$2.00	\$3.50	PR7	\$1.50	\$2.50	
313	\$1.50	\$2.50	PR8	\$1.50	\$2.50	
327	\$1.50	\$2.50	PR10	\$1.50	\$2.50	
330	\$1.80	\$3.00	PR12	\$1.50	\$2.50	
331	\$6.00	\$10.00	PR13	\$1.50	\$2.50	
372	\$1.50	\$2.50				

Collector Bulbs

Unusual craft and projection lamp bulb: nice glass and simple but elegant filaments like old radio tubes. With mogul base; may or may not work:

EDISWAN PROJECTION, 6-8 A 200 W; 5.3X1.4" dia. #EDISWAN, \$3.00

T-8 PROJECTION BULB, 200 W 3.4"H x 1" dia; GE #PH/200T8SC, \$2.00

T-8 PROJECTION BULB, (CFC) 150W 120V, 3.4"H x 1" dia; GE #PH/150T870, \$2.00

Strobe Lights

ELECTRONIC FLASHING LIGHT for alarm systems, discos, personal use, warning in case of danger, etc...

Long-life xenon tube. Fully sealed and waterproof. Power output: 1W. Power supply: 12VDC. Current: 150mA. Flash rate: 120/min. Black ABS / acrylic cover, Dimensions: 2.8"(y) x 2.5". New, \$8.99 ea. Available in the following colors:

Amber #HAA40A; Blue #HAA40B; Green #HAA40G; Red #HAA40R; Clear #HAA40W



ELECTRONIC FLASHING LIGHT. Flat lens. Requires 12VDC. Input current 85mA/1W. Flash rate 1.5Hz. Screw mounting. Suitable for indoors and outdoors. 3.9" x 3.1". New, \$18.99 each

Amber, #HAA100A; Blue, #HAA100B; Red, #HAA100R; Clear, #HAA100W;

Flash Bulb



Giant Mazda Type 75 magnesium foil flash bulb. Medium screw base. Used in WW2 for aerial night photography.

#FLASH-W, Unused with poor wrapper, \$75

#FLASH-NW, Unused no wrapper, \$60

Pilot Lights & Indicators

TINY 50V NEON INDICATOR, 1-3/8" long x 3/8" dia; NEW, #3496 clear lens w/ "7" 3/5" 1.00

SUB-MINIATURE NEON PILOT LIGHT with 5/16" dia clear jewel. Base is receptacle for three 1/16" pins in triangle pattern. Mounts in 3/8" dia hole. O/a 1.4" L; includes neon bulb. #PIL007, \$.35 each: 4 for \$1.00

DIMMER LIGHT w/ NE-51 bulb; 1/2" dia clear jewel. Fits 5/8" dia hole; o/a 3" L. #PIL-C433, used. \$.75 ea

LAMP HOLDERS for 327 lps; fit 1/2" hole. Flat WHITE numbered lenses; specify: ".4,5,6,7,8,9" or YELLOW "MAX". #0934, \$0.55

Pilot light w/ 327 lamp; white lens. Used #FLW-327, \$1.35

Dialco Pilot Light for T6 1/2 screw base. Red lens. Marked 75 watt, 250 volt. Unused, #PL-T6.5-S, \$3

Dialco Pilot Light with faceted lens for T6 1/2 double contact bayonet base. Amber lens. Marked 75 watt, 250 volt. Unused, #PL-T6.5-DC, \$2.50

Pilot Light for T1 3/4 midget flange base 327 bulbs etc. Red lens. Unused, #PL-T1.8, \$3.00 each; 10/\$25.00

Pilot Light for T3 1/4 miniature bayonet base. Amber lens with dimmer. Unused, #PL-T3.3-B, \$3.00

Vibrators

Each of the vibrators listed below are \$5.75 each.

Part #	Pins	Volts	Part #	Pins	Volts
V6648	4	6	3334	7	6
VB-9-C	4	?	JV0022	7	24
G534	5	12	M1503S	7	24
VS-3	6	6	V6778	7	24
M3356C	6	24	V6675	7	?
R111	6	?	M418753	Octal	6
V6702	7	2	VB-13-A	9	12

Cathode Ray Tubes

CRTs are used no burns unless noted "-UN" = Unused Tektronix CRT'S used no burns. \$50.00 each Others available - tell us your needs.

3ACP1 15.00	4QP31 35.00	7ABP7 15.00
3BP1A-U 15	5ABP1 20.00	7BAP7 10.00
3BP1A-UN 30	5ADP7 30.00	7BP7 9.00
3DP1 6.00	5AMP2 25.00	7BP12 10.00
3DP1S-2 20.	5AQP1 25.00	7CP7 10.00
3HP7 4.00	5BDP7 nos 15.	10KP7 10.00
3JP1 10.00	5BP2 20.00	10UP14B 10.00
3SP1 20.00	5CP1 10.00	902 nos 25.00
3UP1 20.00	5FP7-UN 20.	GL-4592 10.00
4MP1 20.00	5FP25 15.00	SMD460260-UN 10
	5JP1 12.00	Z4516P11-UN 10

2" CRT Shield for 2BP1 etc. #SH-CRT-2, \$12.00
3" CRT Shield for 3RP1 etc. #SH-CRT-3, \$15.00
5" CRT Shield for 5ADB7 etc. #SH-CRT-5, \$18.00

#154-0672-05 #T5810-31 (154-0354-00)
#T0540-2 (154-0098-00) #T5471-31-2 (154-0568-00)

Tube Sockets

6-pin ceramic ring mt, #SK-6, used, \$2.95
Mini 7- pin mini, Fiber Wafer, #SK-7MF, new, \$.30
Mini 7- pin mini, bakelite, #SK-7M, unused, \$.35
Mini 7- pin mini, moulded push-in w/ ridge, #SK-7MP-R, used, \$.30
Mini 7- pin mini, moulded push-in no ridge, #SK-7MP-NR, used, \$.25
Mini 7-pin mini with collar for shield, #SK-7C, new, \$.60
Mini 7-pin ceramic w/ collar f/shield, #SK-7MC, new, \$.80
7 pin PC mount brown, unused, \$1.20
Octal PC mount brown, unused, \$1.35
Octal bakelite, ring, #SK-OCT-R, used, \$.45
Octal Fiber Wafer, #SK-OCT-F, unused, \$.30
9 pin PC mount black, unused, \$1.25
9 pin PC mount brown, unused, \$1.30
Mini 9-pin ceramic w/ collar f/shield, #SK-9M, used, \$3.95
SUB-MINI, round, long-lead, #SK-MIN, unused, \$.85
Acorn Flat Ceramic Socket, #SK-ACORN, used, \$.55
Septar Ceramic Square Socket, #SK-SEPT, Used, \$.7



4X150 Dual Socket Assembly from the T-195, two sockets on 4.3" x 2.9" chassis with 1.1" H bakelite chimneys; #4X150/T195, used: \$19.95; 2 for \$32.00

Cavity Socket Assembly for 3CX100A5/2C39 series tubes. Has female BNC and female TNC connections. 3.3x1.9x5.3, 4 lbs shipping. #3CX-BT, Used nice condition, \$10.00



Two Johnson #244 Ceramic Sockets mounted on an aluminum plate 3" deep x 7.5" wide. Each of the sockets has a 1 7/8" diameter removable mounting clamp. Works with C6M, 576 tubes etc. 3 lbs sh. #DUAL-244, Used, \$12.00

Tube Shields & Etc...

For most 7-9- pin mini tubes

#TSH-(specify tube #) used \$4.00 each
#TS103U02 SHIELD 12AX7-size, \$.60 each

BLACK IERC-Type SHIELDS, used:
#TR5015 (6AK5), \$.85; #TR6015 (5842) \$.95

--- OCTAL TUBE SAVER ---

Save those expensive octal tubes that have broken guide pins. Replace the broken guide pin by slipping this plastic piece over the proper pins. High strength/temperature plastic. Reuseable. .5"Hx1.2" dia, #KY-1, New \$1.50 10/\$12.00

TUBE TEST ADAPTERS for TV-7, used:

#E104 for sub-mini tubes, \$5.00
#E105 for septar 829/832, \$7.00
#E107 for 2C39, \$7.00

OCTAL TUBE PULLER

Pull out octal tubes in those hard to reach areas. Stands around 6 3/4" tall. 1 lbs sh. #TP-7, \$6.00

TUBE PIN STRAIGHTENER

for Mini 9 pin tubes. Stainless steel straightening area for years of use. 2 mounting holes 1 5/8" center to center. Unused, #STR-9, \$5.95

Tube Boxes

Quality plain white boxes ideal for storing tubes or other components. Compare our price to the competition and save! No divider insert.

P/N	Dimensions	per 10	per 25	per 100	per 1000
CB6W	1.5x1x3	\$1.55	\$3.20	\$10.95	\$85.95
CB3W	1.5x1.5x4	\$1.85	\$3.80	\$12.95	\$99.95
SB16W	1.75x1.75x6	\$2.10	\$4.60	\$14.95	\$125.00
SB17W	2.5x2.5x6	\$2.75	\$5.95	\$18.95	\$155.00

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

\$4.50 Unused / \$2.50 Used - Vacuum Tubes

- MANY other tubes available. Visit our website for a much more complete listing or tell us your needs.
- If you specify unused and unused is sold-out, we will ship used checked, unless you specify "unused only".
- Many tube types available in glass and metal. Please specify if you have a preference.

The tubes listed below are \$4.50 unused and \$2.50 used.

0A2 0A3 0C3 0D3 0Z4 1A5 1B3 1B4 1C5 1C6
1E7 1J3 1L4 1N6 1P5 1R4 1R5 1S2 1S4 1S5 1T5
1U4 1X2 1V2 1LA4 1LC5 1LC6 1LD5 1LE3 1LN5

3B4 3D6 3Q4 3Q5 3S4

5A6 5AN8 5J6 5U8 5T8 5V6 5W4

6A6 6B8 6C4 6C6 6F7 6F8 6G6 6H6 6J4 6J5
6J6 6J7 6K4 6K6 6L7 6N7 6R7 6S8 6T4 6T7 6T8
6U6 6U8 6V3 6V7 6W4 6X4 6X5 6X8 6Z4

6AB4 6AB7 6AC7 6AF3 6AF4 6AF9 6AF11
6AG5 6AG7 6AH4 6AH6 6AK5 6AK6 6AL5
6AN5 6AN8 6AQ5 6AQ7 6AR6 6AS5 6AS6
6AU4 6AU5 6AU6 6AU7 6AV5 6AV6 6AX4 6AY3
6BA11 6BC5 6BC8 6BD5 6BD11 6BE6 6BH6
6BJ3 6BK5 6BK7 6BN4 6BN6 6BQ6 6BQ7
6BU8 6BX6 6BZ7 6CB5 6CB6 6CD6 6CF6 6CM7
6CS6 6CS7 6CU5 6CU8 6CY5 6CY7 6DA4 6DE6
6DG6 6EA5 6EB8 6EH4 6ES5 6GF7 6GH8
6GJ7 6HB7 6HS8 6JT8 6JZ8 6LE8 6LU8 6MN8
6SD7 6SF7 6SH7 6SK7 6SQ7 6SR7

7A4 7A5 7A6 7A7 7A8 7B4 7B8 7C4 7C5 7C7
7E6 7E7 7J7 7K7 7L7 7Q7 7R7 7S7 7T7 7V7 7W7
7X6 7X7 7Y4 7Z4 7AD7 7AG7 7AH7 7AK7 7AU7

12A6 12A8 12C8 12B4 12D4 12H6 12J5 12J7 12K7
12K8 12L6 12V6 12W6 12X4 12Z3 12AC6 12AH7
12AX4 12AZ7 12BA7 12BF6 12CA5 12SF5 12SH7
12SJ7 12SK7 12SL7 12SR7 12SW7 12SY7

14A5 14B8 14C5 14C7 14E6 14N7 14R7 14W7

17D4 17AX4 17BF11 17GW6 19T8 19AU4 19X8
21GY5 21JV6 25L6 25W4 25Z5 25Z6 25BQ6
25DN6 32L7 35A5 35B5 35C5 35L6 35Z3 35Z4
45Z5 50X6 50Y6 70L7 117Z4 117Z3 117Z6

34 35/51 36 38 39/44 43 55 57 58 77 78 79 89
5651 5654 5670 5725 5726 5727 5750 5963 5965

6005 6136 6186 6189 6888

7056 7058 7167

9001 9002 9003 9004 9006

Unused Tubes

UNUSED in original military or commercial boxes:

1B35	\$39.00	1619	\$7.00
1B36	\$39.00	1626	\$3.95 10/\$29.50
2C43	\$23.00	1629 "eye" tube,	\$11.00
2E26 RCA	\$6.00	5718	\$7.00
2K25 Raytheon,	\$36.	5719	\$10.00
3C23	\$32.00	5755	Raytheon,
4D32 Raytheon,	\$28.	\$2.95	10/\$25 100/\$195
10/\$240.	32/\$700.	5763 various,	\$9.95
		5824,	\$13.50
6AJ5 Tungsol,	\$3.50	5998A Syl,	\$16.00
6AZ8 ECG	\$6.95	6080WB GE,	\$8.00
6B4GA, Sylvania	\$33.00	6146W GE,	\$22.00
6CB6A RCA,	\$3.00	6159	\$17.00
6CG7	\$9.00	6189W	\$7.75
6DC6 various,	\$6.50	6336B Cetron,	\$45.00
6DK6 GE,	\$3.00	6687	\$6.75
6DQ6,	\$7.00	6883B/8552 ECG,	\$15.00
6E5,	\$17.00	6888 Sylvania,	\$14.95
6SG7	\$3.00	6922 ECG, \$6.95	10/\$59.50
6SH7	\$3.00	7189A Int. SvcMstr	\$19.50
6SJ7 Metal	\$7.00	7193	\$6.25
6SL7	\$9.00	7308 Amperex,	\$14.00
		7360 ECG,	\$29.95
12AT7WC	\$8.50	- - - NUVISTORS - - -	
12BE6 GE,	\$3.25	7586	\$27.00
12DQ6,	\$9.00	7587	\$32.00
12SN7	\$5.50	8056	\$18.00
24A or 27	\$9.50 each	8058	\$35.00
30,	\$16.50	-----	
53	\$6.50	8552/6883B ECG,	\$15.00
717A	\$15.00	-----	
84	\$6.50	-----	
811A Cetron,	\$35.00	-----	
884 or 885	\$7.50 each	-----	
954-955 acorn,	\$3.95	26	SERIES TUBES
957, 958,	959,	Used \$3; 26A6, 26A7, 26E6	
acorn,	\$5.95	Unused \$5; 26D6, 26E6	

Pull-out Sale

"pulled-out" of equipment-- NOT TESTED/ NOT GUARANTEED! (One tube type per quantity!):

10 for \$8.00; 100 for \$50.00

6AC7 6AG5 6AH6 6AK5 6AL5 6AS6 6AU6
6BA6 6CB6 6J4 6J6 6SH7 6W4GT 5963

OTHER "PULL-OUTS"

10 for \$10.00. 100 for \$75:

6AQ5 6U8 6005

Sovtek Tubes

Electro-Harmonix

A premium quality tube mfg by Sovtek. "EH" = Electro

Type	Price	10-24	25+	Mtch Pr
6L6EH	14.95	13.95	12.95	33.95
6V6EH	8.50	7.95	7.50	21.00
EL34EH	11.50	10.95	9.95	27.00
12AX7EH	10.95	10.50	9.95	N/A
12AT7EH	9.95	9.50	8.95	N/A
12AU7EH	9.95	9.50	8.95	N/A
12AY7/6072EH	10.95	9.50	8.95	N/A

Other Sovtek tubes new:

Type	Price	10-24	25+
5AR4	11.95	10.95	9.50
5Y3GT	8.25	7.95	6.95
6BQ5/EL84	6.25	5.95	5.10
6CA7/EL34	11.75	11.20	9.95
6L6GB	8.75	8.25	7.35
6SL7	6.50	6.25	5.50
6SN7	7.50	7.25	6.25
12AX7WA	6.95	6.75	6.35
6550WE	22.50	21.60	20.00

KT66 \$22.95 each; 10 to 24 pieces at \$20.95 each;
25 and greater \$19.95 each

\$49.95 for matched pair; \$99.90 for matched quad

KT88, \$24.95 each; 10 to 24 pieces at \$22.95 each;
25 and greater \$20.95 each;

\$53.95 for matched pair; \$107.90 for matched quad

Used Tubes / Grab Boxes

USED-checked (US-mfg):

01A (ST), 13.95; 2E22, \$10.00; 3E29, \$9.00;
5U4GB, 5Z3, \$4.75; 6AS7G, \$6.00;
6JB6, 6LB6, \$12.50; 6SL7WGT, \$4.00;
6V6GT, \$7.00, 24A, or 27, \$4.75;
26, 42, 75, \$8.00; 45 ST, \$28.00; 71A, \$12.00;
80, 807, \$7.00; 6080W, \$4.25; 6146A, \$7.75

GRAB BOX TUBE SALE

3 lbs of varying types of unchecked used or unused tubes. Randomly picked from our inventory of tubes of low demand. #TB-GB-3, \$20.00

As above but 6 lbs. #TB-GB-6, \$30.00

Power Amp Tubes



4CX350F/J 26VDC Power Tube. Has a maximum plate dissipation of 350 watts. Fits the socket and chimney listed below. Removed from equipment, \$65.00

4CX300A / 8167, JAN Eimac Unused, \$45.00
4X150D, 26 V filament, used STT, \$16.00
4X150G, coaxial type, used STT, \$19.00

152TH Triode for modulators, oscillators, & amplifiers.
5/10 Volts at 12.5/6.25 amps. Large 4 pin base.
Eimac/Eitel-McCullough mfg. Unused, \$150.

8906 tube is also a ceramic metal planar tube.
Filament voltage 6V; Max plate watts = 10; Max plate volts = 2500. Used checked, \$60.00

7815 similar to 8906 but max plate volts is 3500, \$55

7554 HIGH MU TRIODE. Heater-cathode, ceramic-metal, pencil type used as rf amplifier, oscillator, and multiplier in airborne equipment. Used STT, \$29.50

Unusual Tubes

No markings but looks like some kind image or photomultiplier with 14-pin basing. 4.8"Hx 2.3" dia glass + two 1/2"L contact pins opposite each on tinted end of cylinder; 1"L glass extension from side. #XTUBE-98, \$20.00

702B mfg by Sylvania. This unusual tube appears to be a special diode for UHF applications. Clear glass with gold plated rings. Great collectors piece! 1" dia x 2.3"ht., Unused, \$15.

JAN 705A RECTIFIER, 4-pin base;
5"Hx2.3" dia. used \$4
GL-6044 oversize 6-pin w/ 4 tabs;
5.3"Hx2.3" dia. UNUSED, \$5.00

C6M THYRATRON, 8.5"Hx2" dia Used, \$4

Klystron / TWT

6116 REFLEX KLYSTRON METAL VACUUM TUBE, a rugged version of the 2K45. Requires 6.3V at 762 milliamps. Reflector voltage: -95 to -145.

Frequency range: 8500-9660 MHz. Power output: 32 milliwatts. Output coupling: waveguide RG-52/U. Unused, \$29.95

SRL-7H for 2160-2400 Mhz; 6.3 V filament, -1000 VDC beam V; reflector volts -1300 to -2000 V. Coarse & Fine Tune slugs, N-conn & octal base. 6.5"x 5.2"x4.5", 4 lb unused w/info, \$49.50

VARIAN VA-98M/8901 KLYSTRON, 23.6 - 24.4 Ghz
100 mw CW; Eb=500 V @ 40 ma. 2.8"Lx 1"Hx1.3"D w/ 6"L wire leads; 2 lbs sh. NEW, \$125.00
Filaments checked, but not guaranteed.

RCA 4012/A1157 TRAVELING WAVE TUBE, 2.0-4.0 GHz, 36 db min., 20 mw min. 15.5"LX3.5"Hx1.5"W. 4 lbs UNUSED, \$40.00

Geiger Mueller Tubes

Geiger Mueller 5980 (also known as BS-2) Tube from the PDR-27 radiac set, Used, \$19.50

Geiger Mueller 5979 (also known as BS-1) tube for PDR-27 radiac sets, Used, \$29.50

Antique Globe Tubes

Tubes below are used-checked;

224/324, 235/51, \$8.95;
227/327, 238/338, 239/44, \$11.95;
226/326, \$13.00; 80/280, \$33.95; 245/345, \$69.00;

SEE A MORE COMPLETE TUBE LISTING AT FAIRADIO.COM/TUBES.HTM

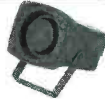
Sonalert - LOUD !!



2 to 6VDC Sonalert mounted on a 2" x 2 3/16" aluminum panel with 4 mounting holes. This unit is very loud at 2VDC and almost intolerable at 6VDC. 2 lbs sh. #SONA-6, Used Excellent, \$4.00

Sounding Device

MINI PIEZO SIREN 6-15Vdc / 140mA 107dB LEAD TYPE. Made from high impact ABS plastic. Dimensions : 1.5" x 1.7" x 2.2". 1 lb sh. Mounting holes: 0.87". #SV/PS1, \$11.95



Faraday Horn

FARADAY 48 VDC 100 ma HORN, made for Bell Telephone; makes loud, penetrating sound w/ screw-driver volume adjust. Steel construction; recess mount. Front size 4x4x1.3 1.3" panel depth. 3 lbs #KS-12037L2, NEW, \$5.95



LOUD BUZZER HORN as used in smoke alarms; 2" dia x1.3".

#41-81-6, 6VDC \$1.25 ea; #41-81-12, 12VDC \$1.35 ea

Alarm Bell

ADAPTABEL INDUSTRIAL ALARM BELL, 5.8" dia bell operates from 6 VDC 250 MA for non-fire use. Heavy metal cast construction with mount hardware; 3 lbs. Edwards #435-6C1, new, \$9.95



Speakers

3 X 5 SPEAKER, 1 watt at 16 ohms with 1.8" dia magnet; 1 lb sh. NEW, #SPK-3-5, \$1.35 ea; 10/\$12; 100/\$95

3 1/4" Square Speaker. 8 ohms rated at around 2 watts. 1 3/4" depth. 2 lbs sh. Unused, #SPK-3.25, \$3.35



2 3/4" Round Speaker with no mounting holes. 45 ohms rated at around 1/2 a watt. 1.1" depth. 1 lb sh. #SPK-2.75, Unused, \$2.00



7" Audio Tape

7" Professional Audio Tape by Ampex model 631. This is the 1.5 mil tape, 1200' of 1/4" tape. These reels of tape are excellent for DBX reels and others to decrease tape noise, consider by many as the standard for reel recording. These reels are truly the standard for audiophile recordings, and a must for the reel collector. 3 lbs sh. #TAPE-631, Unused, \$3.25 each; 12 for \$35.95; 24 for \$60.00; 96 for \$135.00



Audio Filter

AUDIO LOW PASS FILTER. No specs available, but output is good from 10 Hz to the limit of the filter. The drop off is very quick. The circuit is passive and causes an approximate 50 % attenuation of the signal. The input impedance seems to be about 2400 ohms. 4.5 x 1.5 x .5,

7.5kHz LPF #FO70975, \$5.00
15kHz LPF #FO69215, \$4.50



Misc Transformers

MODULATION TRANSFORMER Pri: 5500 ohm 235 ma or 2000 ohm 300 ma. Sec: 200 ohm 20ma 90 watts max. 3.1x3.5x2.9, 4 lbs. #677-0923, used, \$8.00



"ISOLATION" TRANSFORMER pri 115V 60 Hz; sec 105 VAC 500ma 3.5x3.5x2.5, 6lbs. #45099037, \$7.50

TY-84 Triad Utrad mobile power supply transformer. Designed for use with 12 volt DC transistor 2500 hz oscillator to produce 600 volts DC 200 Ma. With schematic. 2 lbs sh. #TY-84, Unused, \$65.00



TRANSFORMER-POWER SUPPLY Pri: 2 x115 VAC 48-62 Hz. Sec: 570 VCT 200 MA, 25 VCT 1.2 amps, 6 V 8 A. On chassis w/sockets for two 26Z5 tubes; 20 lbs. #PS-R390A, used, \$25.00

CHOKES

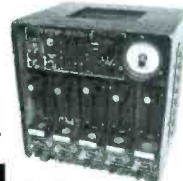
0.5 mHY 100A 0.9 ohm, 6.3x5.4x4.1, (C), 35 lbs, #CH-100, \$45.00

1 mHY/5.0mHY 11A/1A swinging 6.8v-120cps .07 ohm 2x2.3x3, Sealed frame, 4 lb, #103-1MH-11A, \$9.50

C-114 LOADING COIL, adds 88 mH inductance to field phone wire increasing effective range 125+%. Water tight case; 4 lbs sh. #C-114, Used, \$10.00

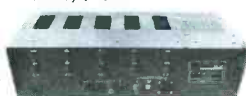
Battery Charger

NI-CAD CHARGER PP-6241 SOLID-STATE BATTERY CHARGER for silver-zinc or nickel-cadmium types. Three independent charging units with out-puts 8-16-32 VDC or 0-36 VDC in 0.1 V steps; 1 or 2.25 amp charge. With cables CX11971, CX11972, and CX11973. Requires 115 VAC 45-440 Hz input. 11.5x 13.8x11, 46 lbs. w/ book. #PP-6241-U, Used, \$39.50 #PP-6241-UN, Unused, \$79.50



PP-7286/U Ni-Cad Battery Charger will charge 6, 12, 24, or 28 volt sealed Ni-Cad battery capable of either fitting in the five battery holders on the front panel or attached to cables connected to the five sets of plug-in-connectors (jacks) located beneath the battery holders. Unit originally designed for batteries BB-557, BB-699 and BB-704. Requires 115/230VAC 47 to 400Hz. 9.5x11.6x13, 38 lbs sh. #PP-7286, Used, \$99.50 Op's Manual Repro, #OM-PP-7286, \$10.00

Battery Charger for PRC-68/68B/126/128. Charges up to five of the #406870-1 rechargeable batteries at a time. Each battery has it's own holder and cable for charging. Requires 115/230VAC 60Hz or 28VDC 2 amps. Has a reset button and a high/low indicator for each station. Batteries sold separate. 9.4x20.4x6, 18 lbs sh. #CH-PRC-68, Used Repairable, \$175.00 Rechargeable Battery for above 15V .80 AH. #406870-1 Unused, \$32.50



Transistor Audio Amplifier



TRANSISTOR AUDIO AMPLIFIER w/5-transistors. On-Off-Volume and Tone controls. Inputs for ceramic or crystal phono cartridges. Other possible uses as intercom, home-brew receiver, child's projects. Use with 8 or 16 ohm 3" or 4" speaker. Requires 6-9 V AC or DC; with schematic. 1.5 x 2.3 x 3.3. #ER-10-1231, NEW, \$2.95 ea; 2 / \$5.00; 6 / \$12.00; 100/\$135.00

24V - 12V Converter



24VDC TO 12VDC 20 AMP CONVERTER. Compact design for in-car use. Input 24VDC. Output 12VDC. Maximum current 20 amps. Banana plugs. Fuse protected. #PSDC20, New, \$58.95

Wall Transformers

AURORA TOY WALL TRANSFORMER, changes 120 VAC to 9.5 VDC 350 ma output. 6' cord with slide lugs; 2 lbs sh. #AUR-95V34VA, 2 / \$4.00



CERVCO AC ADAPTER, 11.5 VAC 175 ma out-put; 6' cord w/o lugs. #CER-11.5V, 2 / \$3.00



13 VDC 1 Amp Wall transformer from 120VAC input. 6 ft cord w/ "Barrel Type" DC power connector O.D. 5.0mm; I.D. 2.5 mm. 2.6x2.2x3.4, 2 lb, #TAACA0201, \$2.50

Electronic Trainer

Nida Trainer Model 130, Originally for electronic class troubleshooting instruction. This unit is power supply and test frame only, no test circuits. plus and minus low voltage power supply each 6, 9, 12, 15 volts and variable to 24 vdc current limited 25, 50, 75, to 100 ma variable. Also high voltage 50, 100, 150, 200 to 250 vdc variable with current limit of 10, 20, 30, 40 to 50 ma variable. Large voltmeter and milliamper meter to monitor the output. Mini toggle switches under front panel to switch problems into circuit. This would make nice tube/low voltage breadboard station for your shop. Requires 115VAC 60Hz. 14.7x18x9, With Schematic. 25 lbs sh. #NIDA-130, Used, \$59.50



Handcrank Generator

HANDCRANK MAGNETO GENERATOR from telephone equipment; features long crank with shaft extending 2.5" from generator and mount plate that allows left or right side or bottom mount. Will work up to 90 volts. Replace "dead" generator in antique phone or as remote bell ringer or "worm shocker"; 4 lbs sh. #MAG-GEN-1085, used, \$19.95



GN-38 HANDCRANK GENERATOR, similar to above with flat magnets but has shorter fold-up GC-9 crank. Used in EE-8 and other older military phone equip. 4"Lx2.5" dia: 4 lbs sh. #GN-38, Used, \$24.95



H V Supplies



HIGH VOLTAGE POWER SUPPLY, input 120 VAC 50-60 Hz. Rated outputs: -5000 V (6+ KV tested) 1.8 ma, +120 V 15 ma, +24 V 0-1.25 amps, +16 V 200-450 ma. 4x9.5x4, 17 lbs shipping. #GE9763Y2280G02, Used, \$12.95

PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

LOW VOLTAGE TRANSFORMERS

All 120 VAC 60 Hz primary unless otherwise noted; styles as indicated; may be "used" or "unused": Dimensions listed below are case only, so make allowance for terminals. Weights listed below are considered SHIPPING weights. Limited stock.



STYLES (A) (B) (C)

SECONDARY	SIZE	STYLE	WT	STOCK #	PRICE
Two 5 V 3 A	3x3.3x3.4 (C)	7	#P-6333	\$9.95	
7.5/6.3 VCT 3 amps, 6.3 VCT 4 A					
Dual 6V 400ma, 1.5x1.6x1.3, (C) 2	#11T-6V-400MA,			\$5	
6.3V 1A	1.7x1.9x2.9 (A) 3	#38-6.3V-1A,		\$4.00	
6.6V 10 A, 3.3x4x5.8 (A) 10	#77-6.6V-10A			\$9.95	
6.6VCT 1 A					
10 V 4 amp, 3x4x3.5 (C) 7	#BE-12696			\$4.95	
18 V 1.5 A, 19 V 2.5 A					
12 V 9 amp, 5.3x4.3x4.8(C) 22	#P-601719			\$8.95	
12 V 3.2 A, 12 V 2 A, 44 V 2.5 A. (12 V windings can be wired to produce 12 V 14 A)					
13 V 20 amp, 4x3.5x3.8 (C) 10	#430-9001			\$19.95	
15 VCT 3 amp, 2.5x3x2.5 (C) 2	#TRA-1577			\$3.95	
16.5 VCT 2 amps 2.6x2.5x2 (C) 2	#BE15869			\$3.95	
17 V 1.5 A, 2.5x3x2.5(C) 3	#54-995			\$4.00	
19 V 1.6 A					
Dual 17V 5A 4.3x1.2 Torroidal 6	#4365-P1S2,			\$22	
18V 5.4A, 4.5x4.8x4(C) 16	#401-21			\$8.95	
26 V 1 A, 6 V 900 ma, 25 V 500 ma, 35-10-0-10-35 V 5 A					
18 V 1.5 A, 3x4x3.5 (C) 7	#BE12696			\$4.95	
19 V 2.5 A, 10 V 4 A					
20V 20A, 5x4.3x5.3, (B) 16	#32-20V-20A,			\$24.00	
Primary 115/220V					
Dual 22V 3A 6x1.9 Torroidal 7	#40/3021,			\$18.00	
22 VCT 3 A, 3.8x3x4 (C) 8	#3S92890015			\$5.00	
80 VCT 1.5 amps					
Taps 24/19/10V 1KVA at any tap 6x11x14 (A) 84	#M1539,			\$85	
25VCT 8 A 4 x 3.6 x 5.3 (A) 13	#200P25GT			\$14.95	
25.2VCT 2A 2.1x3.9x2.6 (C) 4	#F-41X,			\$8.00	
29.2V 2A 3.5x3.9x3.5 (A) 7	#612-29.2V-2A,			\$8.00	
22.5V 2A					
2x30 V 250 MA 1.8x2x1.5(C) 1	URC#60605			\$2.50	
30 VCT 560 ma 2.5x2.3x2 (C) 2	#401-6			\$3.00	
40 VCT 450 ma					
32 V 3.5 amps 3.3x2.8x2.3(C) 4	#2-111219			\$5.95	
32 VCT 1.5 A; 2.5x2.6x2.1(B) 3	#142259			\$3.95	
35 VCT 1A 2.5x2.8x3(B) 3	#1341155-2			\$2.50	
Rusty condition					
36 VCT 2A 2.9x3.5x2.3 (B) 3	#SR-448			\$4.95	
36VCT 3A 3.3x3.3x2.8 (B) 6	#701-121,			\$8.00	
38VCT 1.4A 2.2x3.3x2.3 (B) 4	#203A6725,			\$5.00	
5V 1 amp					
38.9V 4A 2.6x3.8x3.5(C) 5	#021/0220050			\$7.50	
tapped 26-9-3-0.9 V, 150 VCT 200 ma					

40VCT 1A 2.2x3.7x2.2 (C) 4	#URC56000,			\$5.00	
40 VCT 1A, 3.3x3.8x3.3(C) 7	#P-1220			\$7.00	
31 VCT 2 A, 11 V 1.2 A					
40 VCT 2.1 A, 3.5x5.5x3(A) 8	#9807			\$6.95	
24 V 1 A, 117 V 50 ma: sealed					
52 VCT 2.6A, 3.2x3.8x3 (B) 6	#EIA606-451			\$7.00	
tapped 33 and 18 VCT					
70 VCT 5 A, 4.5x4.8x4 (C) 16	#401-21			\$8.95	
tapped 20 VCT; 18 V 5.4 A, 26 V 1 A, 6 V 900 ma					
80 VCT 1.5 amps, 3.8x3x4 (C) 8	#3S92890015			\$5	
22 VCT 3 A					
90VCT 2A, 4.1x3.4x2.9, (C) 9	#24-90V-2A,			\$14.00	
Dual 90V 2.5A, 3x5.2x4.4, (C) 13	#20-90V-2.5A,			\$20	
tapped on each of the 95V windings at 60V, 32 vct around 200ma					
Dual 95V 2.5A, 3x5.2x4.4, (C) 13	#28-95V-2.5A,			\$22	
tapped on each of the 95V windings at 60V, 32 vct around 200ma					
100VCT 830ma, 2.2x2.7x2.5, (B) 3	#15-100V-83MA,			\$16	
100V 1.5A 6.5x6.3x5.9 (C) 25	#42-100V-1.5A,			\$25.00	
2/15V 1A, 19V 2A, 60V 4A					
100V 8.5A 7x6.1x6 (C) 33	#42-100V-8.5A,			\$55.00	

HV Transformers

SECONDARY	SIZE	STYLE	WT	STOCK #	PRICE
145V 390ma 2.7x2.8x3.4 (C) 6	#28-145V-390MA			\$20	
289V 200MA, 4.6x3.9x6.4 (A) 15	#8-289V-200MA			\$25	
207V 125ma, 6.3V 1.4A					
375 VCT 50 MA 2.5x3x2.6 (B) 3	#8316527			\$6.50	
6.3 V 2 amp (230 VAC only primary)					
450VCT 30ma 2.2x2.5x3.9 (A) 5	#33-450V-30MA,			\$14	
6.3V 2A, 12V 500ma					
500VCT 10ma 2.4x2.5x3.5 (A) 5	#3-500V-10MA,			\$12	
500VCT 125ma 2.9x2.5x3.3 (B) 5	#TR180,			\$14.95	
6.3V 1 amp					
545VCT 20ma 2.8x3.3x2.9 (A) 5	#32-545V-20MA			\$12	
6.3VCT 3A					
550VCT 12ma, 2.4x2.9x4.1 (A) 5	#3-550V-12MA,			\$7.95	
60VCT 300ma, 6.3V 600ma					
580VCT 600 MA, 5.6x4.4x5.4 B 21	#13920,			\$29.00	
80 VCT 850 MA TAPPED 60VCT, 5V 150 MA 8V 350 MA, 30VCT 500 MA					
750VCT 110ma 3.9x3.9x5.5 (A) 13	#9-750V-110MA			\$26	
5V 2A, 6.3V 3.6A, 6.3V 0.9A					
800VCT 27ma, 3.4x3.1x3.9 (B) 8	#9100-0011,			\$15.	
5V 2A, 6.3V 3.25A, 6.3V 1.5A					
1752v 270 ma, SIZE CASE 20	#6155-HV,			\$65.00	
TRANSFORMER THAT PRODUCES HIGH VOLTAGE FROM YOUR CAR ALTERNATOR.					
Three phase Delta to three phase Y power transformer. Primary 200 V delta 3 phase 400 Hertz, Secondary 1510V "Y" 500 MA. This transformer originally produced 2000 VDC for a 1000 watt military transmitter. There is information in some older "Radio Handbook"s which show this type of transformer used with an automotive alternator to produce high voltage for use with a RF power amplifier. Removed from equipment 5 lbs sh. #T1/ARC-3Phase, \$30.00 each.					

Audio Transformers

Primary	Secondary
50 ohms 30ma	500 ohms 400 to 1900 Hz Mic Transformer 1.5x1.3x1.5(A) 1 lb #T204/PP115 \$3.
100 ohms	100K ohms; input transformer, 2.1x2.2x3.2 (A), 2 lb #T3/AM20 \$7.95
250/4000 ohm	150, 600 ohmCT 400-3000 Hz 1.8x1.8x2.5(A) 2 lb #C280/RM39 \$4.00
400/500 ohm CT	400/500 ohm split 0.7x0.9x0.6 1 lb #UTC-SO-11, \$3.00
500 ohm CT	500 ohms CT 600-12000Hz 2.3x2x2.5 (A), 2 lb #T203/PPII5 \$3.00
15K ohm	600 ohm 100-5000Hz DC Current=0 1.6x1.7x2.9, (A), 2 lbs #9120-0018, \$6.00

Audio transformers which we were told were from Altec/Altec Lansing Public Address amplifiers. We have no specific data on these, but offer them to those who may know what they are. All ohms listed below are DC resistance. We will list all the information we have and pictures on our web site at fairradio.com/audiot.htm

Pri. 0.5 ohm; Sec. 8.7 ohm tapped 8.4, 8.3, 8. Open frame, 2.7x3.7x2.3, 4 lbs sh. Sam Woo mfg. #050-7000-00, \$5.00

Pri. 0.3 ohm; Sec. 3.7 ohm tapped 3.65, 3.6, 3.5. Open frame, 2.9x3.4x2.8, 6 lbs sh. Sam Woo #50-7001-00, \$7.50

Tamradio #302216, Winding(1) 19.3 ohms, (2) 5.7 ohms CT, (3) 3.4 ohms CT, (4) 5.2 ohms CT, (5) 20.4 tapped 17.1 ohms, (6) 21.5 tapped 16.7 ohms. Open frame, 3.1x3.2x2.8, 5 lbs sh. \$5.00

050-0145-05 EIA606-625, Winding(1) 0.7 ohm tapped 0.4, (2) 2.1 ohm tapped 1.8, (3) 0.4 ohm tapped 0.3. End Bell, 3.8x3.8x3.1, 9 lbs sh. \$10.00

TRIAD TRANSFORMERS

#TY-61X TRANSISTOR DRIVER 100 ohms 100 ma : 100 ohm CT, 50-10KHz 500 mw. 2.7x1.5x1.5. \$4.00
#TY-65Z MODULATION Pri: 32 ohms CT 575 MA DC Sec: 4K-6K ohms 10 W. 2.7x2.4x2, 2 lbs. Used, \$5.

Industrial Transformers

Taps 90 thru 3KV at 20KVA at any tap #3KV-20KVA,\$999 (Primary 160V 137.5A) 5 - 3000Hz One Phase 20.3x16.5x22.5, Open Frame, Approx. 500 lbs
115/270V 4.9KVA 10x9x9.7 (C) 100 #44-115V-4.9KVA,\$225 115/135V 2.7KVA (600VAC only primary)
71V 53.5A 8.7x9x9.2 (C) 80 #44-71V-53.5A, \$175.00 (Primary 200/230/380/415/460/575VAC)
Taps 208/220/240V 9A 8x8.3x7.4 (C) 60 #SU-2, \$175.00 (Primary 416/440/480V 4.5A)
229V 70A 3 Phase Y 22.5x11.3x18 (C) 400 #SHED-Y,\$600 (Primary 420/440/460/480/500V 37-31A)
230V 250KVA 5.8x5.4x5.9 (C) 19 #42-230V-250KVA, \$35 (Primary 208/270/325/380VAC)
Taps 80/90V 1KVA 8.5x5.3x5.4 (C) 33 #3-40239-98,\$50. (Primary 240/480VAC)
HARRIS RF AMPLIFIER 3-PHASE POWER TRANSFORMER from Harris RF765 5 KW transmitter; two outputs of 1916 V 2.3 amps and one 1518 V 490 MA from 208/220/230/240 V 3-phase input. Made by Basler; 17x 26.5 x12.5, 300 lbs shipping. Harris mfg. #10178-5200, used, \$450.00

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

Switching Power Supplies



HEAVY DUTY SWITCHING SUPPLY, outputs +5 VDC 28 amps, +12 V 4 A, +24 V 1.5 A from 115 VAC 60 Hz in. W/ ON-OFF switch, & 16-pin Molex output connector. "AS-IS" complete, no schematic" 2x5x13, 6 lb #SWPS-528, \$6.95

SWITCHING POWER SUPPLY with 3" axial fan. Outputs +5 V 10 amp, +12 V regulated 2.5 A, +12.5 V 5 A unregulated from 115 VAC 50/60 Hz input. P/o Wang equip. 2.6x5.1 x12.5, 7 lbs. #12690, \$14.00



POWER SYSTEM switching supply, outputs +5 V 7 amps, +12 V 3 amps, -12 250 ma, -5 300 ma from 115/230 VAC 50-60 Hz Input. 7.8x 4.4x1.5, 3#. NEW: #PS1558, \$15.00

Switching Power Supply, Outputs: 5VDC 20A, 15VDC 2.5A, -15VDC 1.0A, 24VDC 4.0A. Housing is perforated. Requires 115/230VAC 50/60 Hz. Xentek Inc mfg. 10.9x7x4.2, 7 lbs #SX200-81605, Unused, \$8.95; 4 for \$29.95



Switching Power Supply, Outputs: 5VDC 21A, -5.2VDC 7.5A, 12VDC 4.7A, -12VDC 1.5A. Each output has a potentiometer adjusting the voltage +/- 1 volt. Perforated housing with a heatsink on top. Requires 115VAC 60 Hz. Various mfg. 10.9 x 7 x 4.2, 15 lbs #A3060884, Unused, \$9.95; 3 for \$24.95

Power Supply Modules



5 VDC 3 Amps regulated open frame power supply with over voltage protection from 115/230 VAC primary. Mfg by International Power. 4.9 x 4 x 1.9, 4 lbs sh. #IHBS-30VP-506, Unused, \$15.95

+5/-5 V 3 AMP REGULATOR BOARD, up to 24 VDC unregulated. Capacitors two 15000 mf 15 V, 33000 mf 30 V. Two each KBPC rectifiers, 2N6576, 2N4441 SCR. 7.8x6x4; 3 lbs sh. #MEND-REG-5V, \$5.00



REGULATOR MODULES from Sun supplies, each with current limit and voltage adjust. Includes bridge rectifier, filter capacitor, two 2N3055 or equal and 723 regulator; 2 lbs sh. No further info. #SUN-REG-124, 12 V 4 amp, \$10.00 #SUN-REG58, 5 V 8 A w/OVP; \$8.00

50 Amp P.S. Chassis

PP-4763/GRC POWER SUPPLY, produces 28 VDC 50 amps from 115 VAC 22 amps 47-63 Hz 22/11 amp input; solid-state with +/-0.5% regulation. Has meters 0-50 VDC and 0-80 amps DC; 13.5x 19.5x15, 145 lbs. #PP-4763-LM, Used less control card, both mtrs, and circuit breaker, \$120.00 Manual repro, #MM-PP-4763, \$10.00



Power Supplies



5 VDC 6 AMP AC DC MODULAR SUPPLY, +0.05 line and load regulation from 100/117/220/23/240 VAC 47-440 Hz input; 4.9x5.6x2.5, 5 lbs. #ECV5N6-1, NEW, \$15.00

5 VDC 3 AMP EXELON DC REGULATED SUPPLY, and 12 VDC 0.1 amp output from 115/230 VAC 47-63 Hz input. 5x5.3x2.8, 4 lbs. #PS-1545, NEW, \$10.00



12 VDC 1.5 AMP DC POWER SUPPLY, Adjustable +/- 2.25 volts. Requires 115 VAC 60 Hz; Mfg by ACDC Electronics. 4.9x6.3x3.4, 7 lbs sh. #10-4131-045, Unused, \$19.95

12 VDC 1.5 AMP DC POWER SUPPLY designed for small tool rated under inductive load like a motor. Output > 20 VDC under lesser loads; can be varied somewhat depending on load. With 6 ft AC cord; requires 115 VAC 60 Hz; 2.5x2.5x5, 3lbs sh. #DR-12VPS, NEW \$10.95



COLECO DISK DRIVE POWER SUPPLY for ADAM system; transformer type with outputs +5 V 3 amp, +12 V 2.9 A, -5 V 200 ma, and +18 V inductive 1 A. 115 V 60 Hz input. With cords and On-Off switch. 11x4x8, 10 lbs sh. #COL72559, unused, \$10.00



Linear Regulated Power Supply by Lambda, adjustable 20VDC +/- 5% at 5 amps. Perforated housing. Requires 205-265VAC 55-65 Hz. 10x4.9x4.8, 17 lbs, #LM-CC20-VUsed, \$45.00



24VDC 12 AMP or 28VDC 10 AMP POWER SUPPLY, Requires 115/230V 47-63Hz. Mfg by Power One. 16.8x4.9x4.8, 20 lbs sh. #F24-12-A, Unused, \$75.



Power Supply Kit

1A POWER SUPPLY KIT. This small power supply provides a regulated voltage, adjustable between 1.5 and 35 volts at 1 Amp. With the LM317 regulator remarkably better ripple and regulation characteristics are given with conventional regulators. Current limiter and thermal overload protection are included in the IC. Supplied without heatsink. Output current: 1.5A max. Max. dissipation: 15W (cooled). Max. input voltage: 40VDC. PCB dimensions: 2.1" x 2.1". #K1823, \$12.99



Frequency Converters



ELGAR 500 W FREQUENCY CONVERTER uses four 125 watt power amps; voltage, freq & phase digitally programmable. Input 208 VAC 60 Hz; output 300-1000 Hz selectable 0-15/30/130 V (phase A'), 0-40/ 160 V (phases A, B, C) and tandem AQ+BQ=240 VA @ 115 V. Special Elgar 504 requires 16-bit binary & TTL programming to operate; info not available. 7x 19 x24, 150 lbs. #580-283-047, UNUSED, \$465 \$250.00

Variable Transformers

- - OTHER RATINGS AVAILABLE - -
Tell us your needs!

All variable transformers listed below are used good condition unless otherwise specified.

GENERAL ELECTRIC VARIABLE TRANSFORMER, input 120 VAC 60 Hz. Isolated output 0-60 VAC. Maximum current load: 5 amps. Two units wired in series will produce 120 VAC output. Coll not enclosed; dial plate & knob not included. 4.4" dia X 4"H; 6 lbs GE #9T92A1515, NEW, \$19.95; 2 for \$35.00



POWERSTAT variable transformer, no dials & knobs. 0-30V at 25 amps 60 Hz or 15-0-15V at 35 amps 60 Hz out from 120/240 V input double wound; Actually has two isolated 15V secondaries. Great basis for a 12 or 24 volt power supply. Enclosed, motorized 3 section (3 phase). 12" dia X 30"H, 90 lbs. #DMLW-136BT-3, \$195



380 HZ VARIABLE TRANSFORMER, Input 120 VAC 380/1000Hz; output 0-120 VAC 380/1000 Hz 13 amps. 7x6.2x3.3, 9 lbs. #GA5065OL \$18.00



Staco 20 Amps 0-180V, input 120V, motorized. 8.8x8x10.5, 36 lbs, #033-6565, \$120.00



Variable transformers listed below are 240VAC 60Hz Inputs; not enclosed. Used unless otherwise stated.

GE 8.5 Amps 0-240/280V, Input 120/240V, motorized. 7.6x6.9x10.2, 23 lbs sh., #9T92A30G51, \$89.50



GE 8.5 Amps 0-240/280V, input 120/240V. 7.1x6.2x6.3, 17 lbs sh., #9T92A30, \$92.00
Pointer knob, #KN-9T92A30, \$1.00
Dial Plate, #DP-9T92A30, \$1.50



Powerstat 9 Amps 0-240V, Input 240V, motorized, perforated sides. 9.1x9.5x10, 30 lbs sh., #2388-10698, \$89.50



Staco 10 Amps 0-240V, input 240V, motorized, perforated sides. 8.9 x 9.5 x 10.3, 30 lbs sh, #033-7015, \$99.50



Dynamotor Supplies

#D-10A Used, \$15.00
#D-401 Used, \$12.00
#DM-36 Re-new, \$15.00
#DM-53 Used w/ base, \$10.00
#DM-53-12, 12V Unused w/o base, \$14.00
#DY-9 from ARC1 or equal, \$14.00
#DY-86 from ARN-30, \$15.00
#DY-107 Used, \$37.50
#PE-98 14V Used, \$30.00
#PE-133 Unused, \$15.00

#2C4312/B50 HINGE SET for the DM-21 in BC-312/342, \$7.00

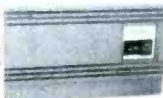
CHECK OUT OUR LATEST FEATURE ITEMS AT FAIRRADIO.COM

Regulators / Conditioners



Sola CVS 2000 Watt Constant Voltage Transformer provides a very well regulated sinusoidal waveform that is isolated from variations and disturbances in the input voltage. Also provides isolation and step-up/step-down to allow for various input/output voltages. Input 95-130/175-235/190-260/380-520 60Hz. Output 120/240VAC 60Hz 2000VA. 17.8x11.4x9.6, 115 lbs sh. #23-23-220-8, Unused, \$250

WANG POWER CONDITIONERS, electronic line voltage regulators with full magnetic isolation protects computer & similar equipment from line voltage surge or "sag" damage. Provides "clean" 120 VAC 60 Hz output from inputs of 90 to 135 VAC 60 Hz. Low input shutdown @ 50% of nominal. OVP shutdown @ 12% above max output. 7.8x13x10.4: 1000 VA output with one large L5-20R receptacle; 45 lbs sh. #SC-100A-PC, New, \$195



WANG LINE REGULATOR, designed for 120 VAC 500 W constant output for computers from 95-130 VAC 60 Hz inputs. Has two 3-conductor outlets, On-Off switch, and line cord.

7.8x8.5x16, 40 lbs sh. #725-2740, unused, \$125.

SOLA #63-13-150 C-V HARMONIC NEUTRALIZED REGULATOR, 120 V 60 Hz 500 W output from 95-130 VAC 5 amp input. Two 3-cond outlets & On-Off on front. 6.9x7.8x13.3, 34 lbs. #63-13-150, Used, \$95.00

GENERAL RADIO 1582A VOLT-AGE REGULATOR, automatically compensates for AC line voltage fluctuations; output 115 VAC +/-10%; 7.4x19x16, 90 lbs sh. 85 amps, 90-110% correction, #GR1582A-AL, \$275.00



Other Semiconductors

2N3716, \$1.95 2N4126, 5/\$1.00 2N6292, 2/\$1.00
2N3739, \$1.95 2N5428, \$1.00 2N6675, \$3.95

REGULATORS

1.2-37V 1.5A out; 0.03% load reg., #LM-117K, \$3.50
30W 3 amp 5V positive regulator, #LM-123K, \$1.95
Negative adjustable regulator, #LM-137K, \$1.95

--- Metal Oxide Varistors "MOV" ---
#S14K130 130V \$1.25, #S14K175 175V \$1.50

IsoTop Semiconductors

Power MOSFET, Low gate charge- Fast Switching Rds on 0.180 ohm, Id continuous 40Amps Pd watts 690, Ciss(pf)11715 Qg (nC) 468, removed from equipment, no hardware. Hardware required is metric. 15/16"D x 1 7/16"W x 7/16"H, #APT8018, \$15.00 each

Rds on 0.150 ohm, Id cont. 38Amps, Pd watts 520, Ciss(pf)5540 Qg (nC)242 removed from equipment, no hardware. Same style as above. #APT6015, \$14.75

Motorola Switchmode II NPN power transistors. For switching and inductive load drivers. 450VDC 15A 175 watts. TO-3 case. #BUX48A, Unused, \$3.25 each

IC SOCKETS

LOW PROFILE

16 PIN, #ICS-16-LP, 12 for \$1.00
20 PIN, #ICS-20-LP, 10 for \$1.00
22 PIN, #ICS-22-LP, 6 for \$1.00
24 PIN, #ICS-24-LP, 6 for \$1.00

STANDARD

24 PIN, #ICS-24-S, 2 for \$1.00
28 PIN, #ICS-28-S, 2 for \$1.20
40 PIN, #ICS-40-S, \$1.00 each

WIRE WRAP

14 PIN, #ICS-14-WW, 6 for \$2.00
16 PIN, #ICS-16-WW, 6 for \$2.00
18 PIN, #ICS-18-WW, 5 for \$2.00

NTE Semiconductors

NTE Cross Reference CD, \$5.00

NTE Cross Reference Book, \$4.95

NTE#	DESCRIPTION	PRICE	NTE#	DESCRIPTION	PRICE
2V130	MOV 130V RMA	\$1.97	580	RECTIFIER-600V3A FAST RECORD	\$2.26
85	T-NPN SI GENERAL PURP AMP TO-92	\$0.76	588	DIODE-SI 200V 3A ULTRA FAST DO-27	\$1.76
109	Diode-Germanium Gen Purp 75PRV DO-7	\$0.98	618	DIODE-AM RADIO TUNING DIODE	\$2.50
112	DIODE-SI-UHF TV/MIXER DO-7	\$1.57	778A	IC-DUAL OP AMP 8 PIN DIP	\$3.81
116	RECTIFIER-SI 600V 1A DO-41	\$0.38	941M	IC-FREQ COMP. OP AMP 8-PIN DIP	\$0.87
123	T-NPN SI-AF PREAMP/DRIVER TO-39	\$0.70	955M	IC-TIMER/OSCILLATOR 8-PIN DIP	\$1.86
123A	T-NPN SI-AF/RF AMP TO-18	\$0.89	960	IC-POS VR 5V 1A TO-220	\$3.73
123AP	T-NPN SI-AF/RF AMP TO-92	\$0.71	966	IC-POS VR 12V 1A TO-220	\$3.93
125	RECTIFIER-SI 1000V 2.5A DO-41	2/\$0.89	987	IC-QUAD OP AMP 14-PIN DIP	\$2.48
125-10	Pack RECTIFIER-SI 1000V 2.5A DO-41	\$3.49	1866	IC-LED VU Scale Meter Driver 9-PIN SIP	\$2.14
125-100	Pack RECTIFIER-SI 1000V 2.5A DO-41	\$28.99	2018	IC-8 CHAN CMOS/TTL DR 18-PIN DIP	\$3.06
128	T-NPN SI-AF PREAMP DRIVER TO-39	\$1.30	2331	T-NPN SIHI VLTG Horiz Switch w/ Damper	\$6.57
128P	T-NPN SI General Purpose AMP TO-237	\$1.07	2343	T-NPN SI Darl Power Amp/Switch TO-220	\$1.70
129	T-NPN SI-AF OUTPUT TO-39	\$1.86	2353	T-NPN SI COLOR TV HORIZ OUTPUT	\$6.91
130	T-NPN SI-AF POWER OUTPUT TO-3	\$2.30	2389	MOSFET-PWR N-CHAN HI SPD SW TO-220	\$5.05
135A	ZD-5.1V 1W DO-41	\$0.55	2395	MOSFET-PWR N-CHAN HI SPD SW TO-220	\$5.29
142A	ZD-12.0V 1W DO-41	\$0.55	3041	Opto Isolator/NPN Transistor Output	\$2.11
145A	ZD-15.0V 1W DO-41	\$0.55	4006B	IC-CMOS 18 STAGE 14-PIN DIP	\$3.00
156	RECTIFIER-SI 1000V 3A DO-15	\$0.71	5077A-2	pack ZD-18.0V 1W DO-41	\$1.98
159	T-NPN SI-AF PREAMP DRIVER TO-92	\$0.87	5304	RECTIFIER-SI BRIDGE 200V 1.5A	\$1.73
172A	T-NPN SI-DARLINGTON AMP TO-98/92	\$0.98	5322	RECTIFIER-SI BRIDGE 200V 25A	\$4.34
177	Diode-Si Gen Purp Det 200 PRV DO-35	\$0.99	5332	RECTIFIER-SI BRIDGE 600V 1A	\$1.67
181	T-NPN SILICON AUDIO AMP TO-3	\$5.59	5342	RECTIFIER-SI BRIDGE 600V 40A	\$9.52
184	T-NPN SILICON AUDIO PO TO-126	\$1.50	5344	RECTIFIER-SI BRIDGE 1000V 40A	\$10.97
185	T-NPN SILICON AUDIO PO TO-126	\$2.75	5800	RECTIFIER-50 PRV 3A Axial Lead DO-201	\$0.51
199	T-NPN SI-LO NOISE TO-92	\$1.06	5801	Rectifier-100 PRV 3A Axial Lead DO-201	\$0.76
253	T-NPN SIL DARL 80V HFE-2000 TO-126	\$2.37	5804	Rectifier-400 PRV 3A Axial Lead DO-201	\$1.18
261	T-NPN SIL DARL 80V TO-220	\$2.33	5809	RECT-1000 PRV 3A Axial Lead DO-201	\$2.60
262	T-NPN SIL DARL 80V TO-220	\$2.38	5812	RECTIFIER-100 PRV 6A	\$1.58
263	T-NPN SIL DARL 80V TO-220	\$2.44	5814	RECTIFIER-400 PRV 6A	\$1.84
287	T-NPN SI-HI VLTG Gen Purp AMP TO92	\$0.80	5815	RECTIFIER-600 PRV 6A	\$2.89
289A	T-NPN SI-AF POWER OUTPUT TO-92	\$1.42	5817	RECTIFIER-1000 PRV 6A	\$3.70
290A	T-NPN SI-AF POWER OUTPUT TO-92	\$1.47	6419	SIDAC 110-125V	\$2.76
291	T-NPN SI-POWER OUTPUT/SW TO-220	\$1.79	7407	IC-TTL Hex Buffer/Driver 14-Pin Dip	\$1.57
303-5	Pack HEAT SINK COMP'D 1 GRAM	\$1.72	8085	THERMAL FUSE 87°C	\$1.05
331	T-NPN SI-AUDIO PO/SWITCH TO-220	\$2.41	8090	THERMAL FUSE 93°C	\$1.05
373	T-NPN SI-AF DRIVER TO-126	\$1.98	8098	THERMAL FUSE 100°C	\$1.05
378	T-NPN Si-Power Driver/Output TO-220	\$3.38	8103	THERMAL FUSE 104°C	\$1.05
399	T-NPN SI-VIDEO OUTPUT GIANT TO-92	\$2.30	8118	THERMAL FUSE 121°C	\$1.05
422-2	Pack Insulator Kit for TO-220 Package	\$1.96	8139	THERMAL FUSE 141°C	\$1.05
423-2	pack IC SOCKET 8PIN DIP	\$1.34	8181	THERMAL FUSE 184°C	\$1.05
458	JFET-N-CHAN GEN PURP AMP TO-92	\$1.70	8213	THERMAL FUSE 216°C	\$1.05
506	RECTIFIER-SI-HI CUR/FAST SWITCH	\$1.78	8242	THERMAL FUSE 240°C	\$1.05
519	DIODE-SI FAST SWITCHING DO-35	\$0.99	75189	IC-DTL QUAD Line Driver 14-PIN DIP	\$2.14
552	RECTIFIER-SI 600 PRV 1A DO-41	\$1.39	TP0001	THERMO PAD FOR TO-3 PACKAGE	\$1.66
558	RECTIFIER-SI 1500V 1A DO-41	\$1.54	TP0002-100	Thermo Pad for TO-66 Package,	\$17.95
570	D-SI CONTR AVALANCHE 135V TO 180V	\$1.44	TP0004	THERMO PAD FOR TO-126 PACKAGE	\$0.89
574	R-SI 400V 1A FAST RECOVERY DO-41	\$0.62	TP0006	THERMO PAD FOR TO-220 PACKAGE	\$1.22
576	RECTIFIER-SI 400V 5AMP 35NS DO-27	\$1.54	TP0007	THERMO PAD FOR DO-5 PACKAGE	\$1.34
577	RECTIFIER-SI 1000V 5AMP 70NS DO-27	\$2.97	TP0010	Thermo Pad FOR TO-3PML PACKAGE	\$2.20

Inverters



#RC-12200, New, \$49.50

ROTARY INVERTER, output 115 VAC 400 Hz 1 phase 750 VA from 28 VDC 60 amp input; Leland or =. 12x9.5 x7, 42 lbs shipping.
#INV-750, Gov't-Recond, \$57.00



INVERTER, like above except 750 VA out from 28 VDC 60 A in; 9.3x16.5x7, 40 lbs sh., #PU-16, \$32.95

Motor Generator for GRC-106 Model SS688. Input 27.5VAC 24 Amps. Output 115VAC 60Hz 3.48 Amps. Continuous duty. 3600 RPM. 12x6.5x12, 47 lbs sh., #SS688, Used, \$65.00

Inverter Kits



400 HZ INVERTER KIT removed from PP-2352; good foundation for 28 VDC to 115 VAC 400 Hz 500 watt 1 phase inverter. Includes oscillator feedback, driver, output, & regulator transformers, two saturable reactors & schematic info. Add other components to suit your power needs; 10 lbs #KIT400HZ-500W, \$49.50

400 HZ SOLID STATE INVERTER KIT will produce 115 V 400 hz at a current and voltage dependent on the transformer you use. Supplied parts include, special feedback transformer, resistor/diode boards, two transistors on heatsinks which when combined with your center tapped transformer will produce 400 Hz power. For 12vdc operation use a 20-26 vct transformer. For 28 volt input use a 40-52 vct transformer. With schematic & info. #INV-47, \$19.95

#INV-47-52, 52CT w/ 52VCT xformer f/ 28v input, \$27

PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

Rectifiers

DIODES:

1 AMP 50 PIV, #1N4001, 20/\$1.00
 1 Amp 400 PIV, #1N4004, 15/\$1.00;
 1 Amp 1000 PIV, #1N4007, 10/\$1.00
 6 AMP 200V, #MR752, \$1.00
 12A 100V, #1N3890, 4 for \$3.00
 35A 100V, #1N1184, Used, \$1.00
 200 PIV 300 A; 4" tail. #D-R610-0230, Used, \$8.95
 RF DIODES: 1N21, \$1.50; 1N23, \$2.50

Diode Heatsink Assembly



with six MR-1815-SL 300 PIV
 100 amp diodes; heatsink
 2.6x9.4x4.8, 4 lbs sh.
 #DHS6-1815, \$29.95

SILICON CONTROL RECTIFIER
 assembly single phase half-wave;
 GE #C1411CX5 or equivalent.
 Rating approx 500 V 35 amps.
 7x6.3x5, 4 lbs shipping.
 #KS-19576L1, Used, \$6.95



Heatsinks

Heat Sink Bonanza!!! Get 10 pounds of various
 heatsinks in different shapes & sizes with or with-
 out diodes & semiconductors. #HEAT-10GB, \$10.
 As above but 25 pounds. #HEAT-25GB, \$19.95



HEATSINK, 6"Lx3.5"Wx1"H;
 drilled three 7/16" dia holes
 for diodes, 2 lbs.
 #HS-10169, \$2.50

3x4.5x1.3 for two TO-36, #2T34513, \$1.25 ea

HEATSINK w/diode approx 100 piv 25amp;
 5x3x1.3, 1 lb. #WE-H1D, Used, \$2.50

HEATSINK, 5x3x1.6; drilled for 3 large stud recti-
 fiers (1" dia recesses), #3D528-8, \$2.00

VRC-12 Suppressor



MX-10237 / MX-2096
 Suppressor Electrical
 Transient for the VRC-12
 Radio Set. This circuit pro-
 tector consists of a standard
 size 4 pin GRC male connec-
 tor with a threaded center,
 indicator light, 2 hole mount
 bracket, heatsink, and plate
 which is marked "Danger
 High Temp 215 degree F".

FSN #5915-01-024-3877. It connects directly to
 either the transceiver or AUX receiver mount. In
 some applications it replaces the MX-7778 sup-
 pressor. No further data. 3 lbs sh.
 #MX-10237, Unused, \$15.00

DC Suppressor

MX-7777 SUPPRESSOR protects
 vehicle radios VRC-12, VRC-
 53/64 & GRC-106 from damage
 by voltage transients. Input 28
 VDC; output < 36 VDC. Has 50
 amp circuit breakers for
 Overload & Short; diode overheat protection &
 manual (BATTLE) override. 5.3x7.3x6.8.
 7 lbs shipping. #MX-7777, Used, \$22.00



PLUGS (2) for MX7777; #29935-2P, used, \$7.50 ea
 PLUGS (1) for MX7777; 4 pin female,
 #7777-4P, Used, \$7.50

AC Fans



3.1" sq X 1.6"D 7-blade mini-
 fan in metal housing; 115
 VAC 50/60 Hz, 2 lb. #TA300,
 Used, \$8.95

5-BLADE COOLING FAN removed
 from military power supply; 4.3"
 dia rotation. 115 VAC 3300 RPM;
 w/ capacitor. 2.8"D. #FAN-2054,
 Used, \$3.50



5-BLADE COOLING FAN, 4.6"
 dia rotation; no enclosure.
 Mounting bracket hole cen-
 ters 5.9" apart. 115 VAC 60
 Hz. 2 lbs shipping. Mfg by
 Airtrol. #11-2100, New, \$4.95

+++++
 AXIAL FANS, 4.7" sq X 1.5" thick; 115 V 60 Hz.

5-BLADE in metal frame; 18 W.
 Various mfg. #FN-5U, Used, \$8.95



5-BLADE as above except .11 amp,
 #TA450S, Unused, \$13.00

+++++



ROTRON TARZAN FAN, 6.8"
 square X 4" D plastic frame fan
 moves 340 CFM of air from 115
 V 50-60 Hz 85 watt input; 5 lbs
 shipping. #TN3A2,
 Used-clean, \$19.95

6 Fan Panel

17.3"W X 10.5" panel
 frame has six high output
 Torin TA450S (or =) 4.6"
 square 5-blade metal-
 framed fans. Each fan
 rated 65 CFM and
 requires 115 VAC 50-60 Hz
 0.11 amps; 12 lbs. #6F-PNL, Used-excellent, \$39.50



DC Fans

Mini BOXER 12 VDC FAN, 0.13 amp; 3.6" sq X 1".
 #3610NL, New, \$10.00



PANAFLO MINIATURE 12 VDC
 FAN 2.3" sq.
 #FBP-068-12L, New, \$7.95

PAPST 18 VDC 2 w / 30 VDC 3 W FAN 9-blades; 3.5"
 sq X 1" deep. #3124F, New, \$9.00

CENTAUR 24 VDC AXIAL FAN, 11
 watts but operates well at 12
 VDC. 4.7"sqx 1.5" D metal frame
 with 5-blade plastic fan; 2 lbs sh.
 #CNDC24K4-601, Unused, \$8.95



SUNON 24 VDC FAN, 6 watts. 4.7" sq x 1.2" deep
 plastic frame with 5 blades. Metal guards on each
 side. #KDE2412, Unused, \$10.00

12VDC Fans



12VDC DC Fans with sleeve type bearing. New,
 1.6"x1.6"x0.48", 3CFM, #BSS12/4LC, \$3.95
 2.4"x2.4"x1.0", 11CFM, #BSS12/6LC, \$4.95
 3.1"x3.1"x1.0", 15CFM, #BSS12/8LC, \$4.95
 3.6"x3.6"x1.0", 22CFM, #BSS12/92LC, \$4.95
 4.7"x4.7"x1.0", 44CFM, #BLS12LC, \$9.95

Selsyns & Synchros

CONTROL TRANSFORMER 90/55 V 60 Hz; 3.6"Lx2"
 dia. 2 lbs. sh. #1HCT-MKII, Used, \$20.00

TRANSFORMER 90/1V / degree 60 Hz, #23CT6, \$12

RECEIVER, 115 VAC 400Hz, #23TR4, used, \$10.00



TACHOMETER GENERATOR,
 motor 265 V 400 Hz 2 phase; gener-
 ator 18 V 400 Hz 0.3V/1000 RPM.

No load speed 10000 RPM. 2 1/8"Lx1" dia
 3/16"Lx1/8" dia shaft. #TACH-SEL-MOD, \$7.95

PHASE SHIFTER, unsymmetrical resolver; rotor 1
 phase 5 V 30 Hz. stator 2 phase 5 V 30 Hz. 1.4" dia
 x 2"L. #PS-17-E-1, used, \$10.00

AY-1 AUTOSYN as used in I-81 / I-82 indicators;
 2 lbs sh. #AY-1, \$7.50

26V 400Hz Wind Selsyn, works with the I-81 and
 others. 1/8" shaft. #WIND-SEL, Unused, \$14.00

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UNITED STATES NAVY SYNCHROS, Description
 and Operation, a copy of Publication #OP 1303
 printed April 1958; 100 + page primer about sel-
 syn/synchro theory and types. #BK-USNS, \$12.50

Compass Indicators

3" DIA 0-360 deg-ree RADIO COM-
 PASS INDICATOR, adaptable for
 wind direction & antenna position
 use; 5 degree increments, 2 lbs
 shipping. #I-81, Used, \$13.00



BENDIX IN-4D LEFT-
 RIGHT INDICATOR, 3" dia WW-2 vintage
 instrument shows wing-tip position
 relative to ground; requires 24 VDC. 2 lbs.
 #IN-4D, \$15.00



SPERRY MARINE INDICATOR
 MARK XX MOD.2, part of ship-
 board gyrocompass repeater. Has
 8" dia 360 degree scale in 1" incre-
 ments under glass; uses two Size-5
 115 VAC 60 Hz selsyn transmitters. One drives
 inner directional indicator; second outer degree
 scale. With 7 ft cable & special connector; 10" dia
 8.5"D; 45 lbs sh. #IN-SPERRY, Unused, \$125.

R-C Networks



R-C Network - 0.47mfd 600VAC,
 220 ohm 7 watt, 3 phase. Made
 by R-K Electronics. 1.5x4.7x3,
 #RCY6A-30, \$12.00

R-C Network - 2mfd 600VAC, 100
 ohm 3 watt. Made by Electrocube.
 1.3x2.9x1.3, #RG1676-7, \$9.95



R-C Network - 0.5mfd 600VAC, 220 ohm 1/2 watt.
 Made by Electrocube. 1.3x2.9x1.3, #RG1676-35, \$9.75

Hupp Vehicle Fan

12 VDC HUPP FAN with
 oscillating grill designed for
 use in cars, trucks, buses,
 RV's, etc where "extra" air
 movement is desired. Plugs
 into vehicle cigarette lighter and mounts on dash-
 board or other flat surface. White plastic enclosure
 has black grill and pivots on mount to adjust angle.
 Includes 4 ft cord and brackets. 5 x 9 x 3.4, 4 lbs.
 #HUPP-200-14, NEW, \$12.00; 3 for \$30.00



MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

AC Motors



BODINE AC GEARHEAD MOTOR 200 RPM 1/7 HP 35 in/lb torque, counter-clockwise rotation; 115 VAC 60 Hz input. Shaft 1.3"L x 5/8" dia w/ 3/16" square key. O/a 8.5"Lx5.6" dia; 14 lbs sh. #ECCI-35E200, used, \$28.95

240 RPM 115 V 60 Hz GEAR MOTOR for intermittent use; starts @ 32 V approx 200 RPM. Increased volts increases torque. Gearhead extends 2.8" beyond motor; 1.1"Lx1/4" dia shaft. Motor 2.8x2.8x2.4 + 5/8"x3/16" dia shaft for fan on rear, 3 lbs sh. #MOL-2460, unused, \$5.95



GENERAL ELECTRIC REVERSIBLE FAN MOTOR, ball-bearing 115 VAC 60 Hz 1 amp 225 RPM motor. Use with fan blades unless cooled by other means. Has mount flanges and 5 mf capacitor; 4.5"Lx5.5" dia + 1.5"L x5/8" dia hollow shaft, 11 lb #5KCP39EGH210, new, \$12.00; 2 / \$20.00



Ametek Shop Vac Motor. This is the very high speed motor used in some shop vacuums. Unit as pictured, motor only with small cooling blades. Shaft approx .5 inch long, 5/16 diameter. 5.3x4.6x4.6, 5 lbs sh. #17749-00, Unused, \$12.95; 3 for \$30.00

115 V AC-DC MOTOR, starts at 25 VDC, runs CW approx 7000 RPM 1/8 HP. 2.3x3x4.5 + 1.5"Lx0.4" dia spiraled shaft; 3 lbs sh. #AC-DC-H02, \$3.00

208VAC 50/60Hz 3 Phase 3400RPM 440ma Blower Motor by Rotron. Has 3/8" diameter x 1 3/4" long shafts on each end. O/A 8x4x3.5, 9 lbs sh. #18935, Used, \$20.00



PRINTER MOTOR ASSEMBLY, 24 VAC 60 Hz geared to about 4 RPM; can be wired for clockwise or CCW rotation. 2.8x2.5" dia motor on 3.8" sq metal plate; 2#. #MIZ-M0375R, used, \$3.95; 3 for \$10.00

DC Motors



6 to 24VDC Gear Motor by Globe. Rated at 54 RPM at 24VDC; 23 RPM at 12VDC; and 11 RPM at 6VDC. Originally designed for 24VDC. Removed from the AM-3349 amplifier. 1/4" diameter shaft x 3/8" long. O/A 4.2x2x1.6, 3 lbs sh. #5A2871, Used, \$18.95

DC MOTOR, operates over 10-15 VDC 100 ma 2375-2425 RPM with governor. Shaft 5/16"L x 1/16" dia; o/a 2.9 x 1.1. #AST-GK26, \$8.00



MULTI-SPEED 24 VDC PM MOTOR can be wired for 11500 RPM 0.012 HP 0.7 amp or 3000 RPM 0.033 HP 2.3 amp operation; motor starts to turn at 9 VDC and is reversible. 6"x2.3" dia with 3.6" dia collar; geared shaft 0.6x0.4" dia. 3 lbs. Sperry mfg. #2960031, used, \$8.95

24-29VDC Motor by Globe Industries. No load ratings 60 RPM and 0.5 amp. Has removable cam on shaft. 1/4" diameter shaft. 5x1.5x1.5, 2 lbs sh. Used, #C5A1054, \$14.95



GLOBE 27 VDC MINI-PM MOTOR, p/o Collins 618T P-A; splined shaft 1/4"L x 1/8" dia; o/a 1.7"Lx0.9" dia. #41A205, used, \$7.50
GLOBE 27 VDC 1/100 HP MOTORS, 2.5"IX1.3" DIA 11000 RPM, p/o ARC-45, #C-25A686, used, \$7.95

160 RPM DRIVE UNIT w/ clutch has Globe C-25A512 27 VDC 15000 RPM motor and clutch assembly. Motor operates with good torque over 5 to 27 VDC. 160 RPM output on 3/16" dia x 1/2" lg shaft. O/A 3 1/4x 4 1/4x 3 1/2, 3 lbs. #160DRV/618, used, \$8.95



JOHN OSTER SERIES MOTOR, 27 VDC 1/100 HP 7000 RPM. 3"Lx2" dia + 1"L x 1/4" dia shaft; 2 lbs sh. #C2BP1A, Unused, \$3.95



27.5 VDC REVERSIBLE PM GEAR MOTOR, 85 RPM no load speed, 1/4 duty cycle; estimated 75 RPM 100 oz/in torque when under load. Shaft 1/2"L x 5/16" dia with ear. O/a 4x1.3x1.3, 1 lb. GLOBE #5A1231, used, \$14.95

28VDC 1.1 Amp Motor by John Oster Mfg. 12000 RPM. 1 oz. in. torque. 3/16" diameter shaft. o/a 4.8x2.3x3.3, 3 lbs sh. #BL-2-IS, Used, \$7.95



15 degree 4-PHASE VR STEP SERVO, 5 ohms 1.5 A; 28 VDC input pulse 3/4x 1/4" dia shaft; o/a 3x3 1/4x3, 2 lbs. sh. Made in Canada; removed from equipment. #20M34C1, \$10.00

NORTHFIELD ELECTRIC or HAMILTON BEACH, 28.5VDC, 2800 RPM motor. 3.1 amp with 1/40 HP. 1/4" dia shaft with removable gear x 1/2" long. o/a 4" x 2.3", 3 lbs sh., #1-1501, Used, \$9.95
As above but 1/33HP, 3000RPM, 2.5A, #AWC-1000, \$10.00



15 DEGREE STEPPER MOTOR from printer; requires +9 to +40 VDC. High speed & performance w/ driver circuit info. 1x1.3" dia shaft; o/a 5.8"x1.6" dia, 2 lbs sh. 2 ohm field, #RBM-2-62, \$12.50
4 ohm, #RBM-4-62, \$15.00
5.8 ohm, #RBM-6-62, \$17.00

HONEYWELL 90VDC, 1800 RPM motor. 9 amps at 1 HP. 5/8" dia shaft on each end. One side is 2 3/4" long with the other 3/4" long. o/a 15.8x6.4x6.9, 30 lbs sh., #SR3644-2509-7-56BC, Used, \$125.00



MAGNETEK VARIABLE SPEED 3/4 HP DC MOTOR. 90 VDC 10 Amps 3450 RPM. Rated for CCW rotation comm end. 11.3 x 4.9 dia. 22 lb sh. #2254200, Unused, \$150.00

Motor Start/Run Caps



MOTOR START AC ELECTROLYTIC. New not surplus.

110/125 volt
21-25mfd, #MSC125V21, \$2.98
124-149mfd, #MSC125V124, \$3.48
161-193mfd, #MSC125V161, \$3.69
189-227mfd, #MSC125V189, \$3.88
216-259mfd, #MSC125V216, \$4.15
270-324mfd, #MSC125V270, \$4.52
590-708mfd, #MSC125V590, \$7.73

220/250 volt
21-25mfd, #MSC250V21, \$3.69
30-36mfd, #MSC250V30, \$3.91
53-64mfd, #MSC250V53, \$4.83



MOTOR RUN AC METALIZED. New not surplus.

370VAC
2mfd, #MRC370V2, \$5.90
4mfd, #MRC370V4, \$6.46
5mfd, #MRC370V5, \$6.68
7.5mfd, #MRC370V7R5, \$7.41
10mfd, #MRC370V10, \$8.05
15mfd, #MRC370V15, \$13.68
25mfd, #MRC370V25, \$16.38
440VAC
10mfd, #MRC440V10, \$11.99
20mfd, #MRC440V20, \$18.65
25mfd, #MRC440V25, \$20.85

AC Capacitors

5 mf 220 V 1.8" dia x 4.5; cylind. #AC-5-220, \$2.00
7.5 mf 260 V, 2.8x2x1.3, #AC-7.5-260, \$2.00
3.5 mf 330 V 1.3x2.1x2.1; #AC-3.5-330, \$2.50
15 mf 330 V, 2.2x2.9x4; #AC-15-330, \$3.50
20 mf 330 V, 2.8x5x1.8; #AC-20-330, \$4.00
21 mf 345 V, 3.7x1.8; twin lead #AC-21-345, \$4.00
2.5 mf 360 V 1.2x2x2.6; #AC-2.5-360, \$3.00
3 mf 370 V 1.3x2x2.7; #AC-3-370, \$3.00
5 mf 370 V 1.3x2x2.7; #AC-5-370, \$3.25
10 mf 370 V, 2.8x3x1.8; #AC-10-370, \$3.75
4 mf 380 V 1.3x2x4; #AC-4-380, \$3.50
35 mf 440 V 9x3.5x1.8; #AC-35-440, \$7.00
7.5 mf 480 V 1.6x2.6x4.6; #AC-7.5-480, \$4.00
21 mf 525 V 1.9x3.5x6.7; #AC-21-525, \$7.00
18 mf 600 V 2.8x4.6x4; #AC-18-600, \$7.00
27 mf 700 V, 9.3x4.3x2.7, 8 lb #AC-27-700, \$7.50
5 mf 1000 V pk 2.8x6x2, #AC-5-1000, \$3.50

Multi-Section Capacitors

The Multi-Section Capacitors listed below are unused by various mfg. To see a further listing of multi-section caps go to fairradio.com/multis.htm

MFD	Volts	Size	Part #	Price
300-100-80	150-150-150	2.5x1.3	#MULT-300	\$6.75
80-100-30-10	175-400-400-150	3.8x1.5	#MULT-80	\$7.00
75-75	300-300	2.5x1.3	#MULT-75	\$7.25
60-40-40	350-350-350	2.7x1.3	#MULT-60	\$7.50
40-30-10-50	400-350-300-25	2.5x1.3	#MULT-40	\$7.00
30-20-160-40	450-450-250-150	3x1.3	#MULT-30	\$7.00

Multi-Section HV Cap

High voltage and high current multi-section capacitor network in a single package. Three sections are rated .05mfd 8KV, .02mfd 11KV, and .5mfd 1KV. Rugged epoxy housing. 2.8x2.3x1.8, 3 lbs sh. Various mfg. #221M230, Used, \$10.00



CHECK OUT OUR LATEST FEATURE ITEMS AT FAIRADIO.COM

Electrolytic Axial

All the Electrolytic Capacitors listed below are axial lead and are new.

16 volts

mfd	part #	price	4-9	10+
6800	ELE-6800-16	2/\$0.70	\$0.25	\$0.23

25 volts

mfd	part #	price	4-9	10+
10	NEH10M25BA	3/\$1.00	\$0.31	\$0.28
22	NEH22M25BA	3/\$1.00	\$0.31	\$0.28
33	NEH33M25BA	3/\$1.00	\$0.31	\$0.28
47	NEH47M25BB	3/\$1.00	\$0.31	\$0.29
100	NEH100M25CB	2/\$1.00	\$0.43	\$0.35
220	NEH220M25CC	2/\$1.19	\$0.55	\$0.49
470	NEH470M25DD	2/\$1.50	\$0.71	\$0.67
1000	NEH1000M25EE	\$0.99	\$0.95	\$0.89
2200	NEH2200M25FF	\$1.79	\$1.69	\$1.59
4700	NEH4700M25HF	\$3.19	\$3.09	\$2.99

50 volts

mfd	part #	price	4-9	10+
1	NEH1.0M50AA	3/\$1.00	\$0.29	\$0.22
2.2	NEH2.2M50AA	3/\$1.00	\$0.29	\$0.22
4.7	NEH4.7M50AA	3/\$1.00	\$0.29	\$0.22
10	NEH10M50BA	3/\$1.00	\$0.29	\$0.24
22	NEH22M50BB	2/\$1.00	\$0.43	\$0.35
33	NEH33M50CB	2/\$1.00	\$0.43	\$0.35
47	NEH47M50CB	2/\$1.00	\$0.47	\$0.43
100	NEH100M50CC	2/\$1.39	\$0.65	\$0.59
150	NEH150M50	\$0.99	\$0.90	\$0.77
220	NEH220M50DD	\$0.99	\$0.90	\$0.77
470	NEH470M50EE	\$1.19	\$1.09	\$0.99
1000	NEH1000M50FF	\$1.75	\$1.68	\$1.57
2200	NEH2200M50FG	\$3.09	\$2.99	\$2.89
4700	NEH4700M50JB	\$5.29	\$5.17	\$4.99

63 volts

mfd	part #	price	4-9	10+
1500	ELE-1500-63	2/\$1.20	\$0.55	\$0.50

160 volts

mfd	part #	price	4-9	10+
10	NEHH10M160CC	2/\$1.59	\$0.75	\$0.69
22	NEHH22M160DD	\$1.19	\$1.09	\$0.99
47	NEHH47M160ED	\$1.64	\$1.54	\$1.44
100	NEHH100M160FE	\$2.19	\$2.09	\$1.99
220	C-ET220-160	\$2.50	\$2.35	\$2.15

200 volts

mfd	part #	price	4-9	10+
1	ELE-1-200	2/\$1.20	\$0.55	\$0.50

250 volts

mfd	part #	price	4-9	10+
10	NEHH10M250CD	\$0.99	\$0.92	\$0.82
22	NEHH22M250ED	\$1.49	\$1.44	\$1.37
47	NEHH47M250FE	\$1.94	\$1.86	\$1.75
100	NEHH100M250GF	\$2.79	\$2.69	\$2.59
220	C-ET220-160	\$4.95	\$4.75	\$4.50

300 volts

mfd	part #	price	4-9	10+
1	ELE-1-300	2/\$1.50	\$0.70	

350 volts

mfd	part #	price	4-9	10+
100	C-ET100-350	\$3.50	\$3.25	\$3.00

450 volts

mfd	part #	price	4-9	10+
10	NEHH10M450ED	\$1.27	\$1.19	\$1.10
22	C-ET22-450	\$2.70	\$2.50	\$2.30
47	C-ET47-450	\$2.95	\$2.75	\$2.50
100	C-ET100-450	\$5.25	\$4.95	\$4.50

100mfd 16V PC Mt, #ELE-100-16, 4/\$1.00

Mylar

The MLR series is a range of radial lead non-polarized polyester film (Mylar) capacitors dipped in a hard epoxy coating material to provide excellent protection against moisture. These devices are intended for general purpose DC applications.



100 volt

mfd	part #	price	4-9	10+
.0022	MLR222K100	3/\$1.00	\$0.29	\$0.22
.0047	MLR472K100	3/\$1.00	\$0.29	\$0.22
.01	MLR103K100	3/\$1.00	\$0.29	\$0.22
.022	MLR223K100	3/\$1.00	\$0.29	\$0.22
.047	MLR473K100	3/\$1.19	\$0.36	\$0.29
.1	MLR104K100	2/\$1.00	\$0.46	\$0.39
.22	MLR224K100	2/\$1.39	\$0.65	\$0.59
.33	MLR334K100	\$0.99	\$0.89	\$0.76
.47	MLR474K100	\$1.05	\$0.99	\$0.92

630 volt

mfd	part #	price	4-9	10+
.001	MLR102K630	2/\$1.19	\$0.56	\$0.52
.01	MLR103K630	2/\$1.00	\$0.46	\$0.39
.022	MLR223K630	2/\$1.00	\$0.46	\$0.39
.047	MLR473K630	2/\$1.19	\$0.55	\$0.49
.1	MLR104K630	2/\$1.39	\$0.65	\$0.59
.47	MLR474K630	\$1.99	\$1.89	\$1.79

Orange Coating

All the Xicon Polypropylene (Orange Coating type) Capacitors listed below are in new condition.



630V	mfd	part #	price	4-9	10&up
	.001	X001	2/\$1.00	\$0.45	\$0.39
	.0022	X0022	2/\$1.00	\$0.45	\$0.39
	.0047	X0047	2/\$1.00	\$0.45	\$0.39
	.01	X01	2/\$1.00	\$0.45	\$0.39
	.022	X022	2/\$1.00	\$0.45	\$0.39
	.047	X047	2/\$1.50	\$0.69	\$0.59
	.1	X1	2/\$1.50	\$0.69	\$0.59
	.22	X2	\$1.00	\$0.95	\$0.85
	.47	X47	\$1.95	\$1.75	\$1.50

0.33mfd 100V orange drop, #OR-33, 2/1
0.1mfd 200V orange drop, #OR-1, 2/\$1

1KV Disc Capacitors



Part #	Price	10-24	25+
3.3pf 9003D3	5/\$0.99	\$0.18	\$0.16
5.0pf 9005D0	5/\$0.99	\$0.18	\$0.16
10pf 90010	5/\$0.99	\$0.18	\$0.16
20pf 90020	5/\$0.99	\$0.18	\$0.16
47pf 90047	5/\$0.99	\$0.18	\$0.16
68pf 90068	5/\$0.99	\$0.18	\$0.16
100pf DSC-100	7/\$1.00	100/\$9.00	
120pf 90112	5/\$0.99	\$0.18	\$0.16
200pf DSC-200	7/\$1.00	100/\$9.00	
220pf 90122	5/\$0.99	\$0.18	\$0.16
330pf 90133	5/\$0.99	\$0.18	\$0.16
470pf 90147	5/\$0.99	\$0.18	\$0.13
680pf 90168	5/\$0.99	\$0.18	\$0.13
820pf 90182	5/\$0.99	\$0.18	\$0.16
1000pf 90210	3/\$0.99	\$0.29	\$0.19
2200pf 90222	3/\$0.99	\$0.29	\$0.24
4700pf 90247	3/\$0.99	\$0.29	\$0.19
7500pf 90275	3/\$0.99	\$0.29	\$0.24
0.01µf 90310	3/\$0.99	\$0.29	\$0.19
0.050µ 90350	\$0.99	\$0.94	\$0.88
0.10µf 90410	\$1.29	\$1.23	\$1.14

Metalized Polyester

All the Metalized Polyester Tubular Capacitors listed below are new.



630 volts	MFD	Part #	Price	4-9 pcs	10&up
	.001	PY001	2/\$1.50	\$0.69	\$0.59
	.0022	PY0022	2/\$1.50	\$0.69	\$0.59
	.0033	PY0033	2/\$1.50	\$0.69	\$0.59
	.0047	PY0047	2/\$1.50	\$0.69	\$0.59
	.01	PY01	2/\$1.70	\$0.79	\$0.69
	.022	PY022	2/\$1.70	\$0.79	\$0.69
	.033	PY033	2/\$1.70	\$0.79	\$0.69
	.047	PY047	2/\$1.70	\$0.79	\$0.69
	.1	PY1	\$1.25	\$1.15	\$1.05
	.22	PY22	\$1.25	\$1.15	\$1.05
	.47	PY47	\$1.25	\$1.15	\$1.05
	.68	PY68	\$1.95	\$1.80	\$1.60

Misc Capacitors

2500mfd 3V Can Type 3.5x1, #MC-2500, 6/\$1
10mfd 30V axial tant, #MC-10, 3/\$1
4.7mfd 35V drop tant, #MC-47, 3/\$1
0.1mfd 400V case ground, #MC-0.1, \$2.
3.3mfd 400V metal. poly prop. #MC-3.3,\$2

FEED-THRU SUPPRESSION CAPS,
ERIE 1202 1KV. #1202-(specify pf),
used: 1000 pf 3/\$2.25; 7000 pf 2/\$2.

DIPPED MICA CAPS, +/-10% 100v;
3/\$1.00 #DIP-(specify pf),
pt: 18 22 27 33 82 150 220 470
2/\$1.00; pf: 750 1000 1200
* 1800 pf 300 v. 3 / \$2.50 *

RF Capacitors

CENTRALAB 850- TYPE
"doorknob" capacitors,
0.5"H x 0.8" dl; Used, \$6.
#850-(specify pf),
10, 25, 28, 40, 50, 63, 67, 75 pf (7.5 KV)
80 pf (5 KV)
1200pf 5KV from Ceramite, epoxy make,
same size as above. #CERA-1200, \$6

TYPE 857: 15KV, 40 or 50pf,
#857-(specify pf), \$10.00

33pf 15KV from HEC type HT57, same
size & style as Cent. 857, #HT57, \$10

150pf 2KV low profile doorknob, 1.4"
diameter x 0.8" height, #RF534, \$6.00

25pf 5KV from HEC type MT53, axial
leads, #MT53, Unused, \$5.00

Vacuum Capacitors

All Vacuum
Variables listed
below are 10-
1000pf at 5KV
and have 1/2" dia. shafts. Overall size
7.5" long x 2.8" diameter. Used high pot
tested. 5 lbs sh.
Energy Lab, Ceramic, #EL5-1000-5,\$189
Amperex, Ceramic, #CVC10/1K-5KV,\$200
Jennings, Ceramic, #CVCH-1000-5,\$210
3.5-7 pf 35 KV 4.3"Lx3" dia, 5 lbs sh.
UNUSED, #CVA-7-5, \$55.00

FIXED VACUUM CAPACITORS

various mfg; used:
3pf 25 KV cer.; 3.3Lx0.8, #CY-3-25, \$12
25pf 10 KV, 2.6Lx1.5, #JCS-2A-10, \$15
12pf 20KV; 6.5Lx2.8, #VC-12-20, \$14
150pf 20 kv; 3.3Lx2.3, #CFEA-150-7,\$75

Brown Mica

JAN CM-size 1.8" x1.6".
Used, \$1.25:

MFD	WVDC	CM	Part #
.02	600	55	BM-02
.033	600	55	BM-03
.005	1200	55	BM-005

CM	MFD	WVDC	Part #	Price
55	.0003	1200	BM55-0003,	\$2.50
60	.0003	2500	BM60-0003,	\$3.25
65	.0062	2500	BM65-0062,	\$3.50
65	.01	2500	BM65-01,	\$4.00

+++++
FIL-size MICA, 2.8x1.5x1"

MFD	WVDC	Part #	Price
0.006	2500	BM1-006	\$4.00
0.0001	3000	BM1-0001	\$4.00
0.0007	3000	BM1-0007	\$4.00

F3L 0.007mf 500VAC, #BM3-007, \$7.50

Transmitting Mica

G-SERIES TRANSMITTING
CAPACITORS, used-good
or unused as available.

G-1 type, 2.3"H x 2.8" dia; 3 lb \$7.50
KV MFD Part#
1.0 0.04 1TM-04
1.5 0.08 1TM-08
1.5 0.039 1TM-039
6.0 0.0002 1TM-0002
6.0 0.00024 1TM-00024

G2, 3.5"Hx3" dia, \$12.00
KV MFD Part#
2.0 0.03 2TM-03
20.0 0.00005 2TM-00005

G3, 4"H x5" dia, \$18.00
KV MFD Part#
2.5 0.15 3TM-15
10.0 0.00015 3TM-00015

G4, 5.5"Hx 5" dia. 8 lbs. \$32.00
KV MFD Part#
4.0 0.084 4TM-084

HV Capacitors

Energy Storage Capacitors Non-PCB,
#88MF 1.2KVDC, 10"Hx
4.5"Wx3.5"D, #HVC-88,
11 lbs. Used, \$17.50

5MF 1KVDC, 6"Hx2.75"Wx 1.5" D, 3
lbs sh. #HVC-5, Unused, \$7.50

Energy Storage
Capacitor Non-PCB
8 mfd at 4KV Case
Ground; 8.3x3.5x2
7 lbs sh. #HVC-8, Removed from
equipment, \$14.00

Computer Grade

MFD	Volts	Size	Part#	Price
23000	7	5.5x1.5	CGC-7	\$6.0
28000	15	4.5x2	CGC-	

Air Variable



5 Gang Air Variable Capacitor covering 20 to 425pf per gang with a .02" air gap.

Has a 3/8" diameter shaft x 1/4" long. Overall 6.4x3.2x2.8, 4 lbs sh. #5G-425, \$16.00

Same ratings as above except has a removable right angle drive which accepts a MC-124 tuning spline.



Also has a longer shaft. With the right angle drive removed the shaft is 3/8" diameter with 1" length. #5G-425-GR, \$17.00



3 Gang, 4-25pf, 4-20pf, and 3-17pf. Air gap of around 0.03". 1.4"L x 1/8" diameter shaft. o/a

4x1.4x1.3, 1lbs sh. #3G-25, Unused, \$6.00

SINGLE GANG 8-26 pf 0.06" air gap; 2.8" disc removes for 0.5"L x 1/4" dia shaft. W four 1.8"H insulators. Capacitor 1.5x2.8x3.1 o/a



#T7660443-8, used, \$6.00



Single gang 6-35pf with screw driver adjust shaft. 500V or less. o/a 1.2x0.9x1.2, #1G-35, Unused, \$1.25

--- FM Tuner ---

H-K FM Tuner with AM capacitors, one FET/two transistor oscillator; requires -12V. Shaft 1"L x 1/4" diameter; o/a 3.5x2.3x2.8, 2 lbs sh. Mfg by Alps. #FB113U13, Unused, \$6.95



-- TRIMMER CAPACITORS --

with screwdriver adjust shafts:
 #C2-9, 2.5-9pf, 0.03" air gap \$1.25
 #C653/R174, 2-11pf, 2 / \$1.00
 #C2-16, 2-15.7pf, 3 / \$2.00
 #C103/382, 4-23pf, 3 / \$2.25
 #C5-25, 5-25pf, NPO 3 / \$2.50

Sub-mini Piston Trimmer Cap 1.5-4.0pf 500V. By JMC mfg. #7666, Unused, \$5.00



TRIM CAPACITORS. Screwdriver adjust. These dielectric film

trimmers are used on PCBs, e.g. in radios. Suitable for industrial equipment thanks to their good stability. Rated for 250 volts. New, \$0.99 each.

PF	Dia	Temp. Max.	Part #
3.3-33	0.30"	158F	#TRIM30P
5.5-40	0.39"	158F	#TRIM39P
5.5-65	0.39"	158F	#TRIM65P
5.5-80	0.39"	185F	#TRIM80P

Resistors

1/2 Watt to 2 Watt Metal Resistors

1/2 WATT		1 WATT		2 WATT	
Ohms	Part #	Ohms	Part #	Ohms	Part #
6 for \$1.00		5 for \$1.00		5 for \$1.00	
1 HW1D0		1 1W1D0		1 2W1D0	
10 HW010		10 1W010		1.8 2W1D8	
47 HW047		100 1W110		10 2W010	
100 HW110		180 1W118		18 2W018	
120 HW112		300 1W130		47 2W047	
220 HW122		510 1W151		100 2W110	
470 HW147		1K 1W210		1K 2W210	
1K HW210		3.3K 1W233		2.2K 2W222	
2.2K HW222		10K 1W310		3.9K 2W239	
4.7K HW247		240K HW424		10K 2W310	
10K HW310		1M HW510		100K 2W410	
47K HW347					
100K HW410					
470K HW447					

POWER WIREWOUND

5 WATT		10 WATT		25 WATT	
Ohms	Part #	Ohms	Part #	Ohms	Part #
3 for \$1.00		up to 1K ohm		2 for \$1.59	
0.1 5WD10		1.0 10W1D0		1.0 25W1D0	
0.22 5WD22		2.0 10W2D0		2.0 25W2D0	
0.33 5WD33		2.7 10W2D2		2.7 25W2D7	
0.47 5WD47		3.3 10W3D3		3.9 25W3D9	
1.0 5W1D0		3.9 10W3D9		5.1 25W5D1	
2.2 5W2D2		5.1 10W5D1		5.1 25W5D1	
3.3 5W3D3		6.8 10W6D8		6.8 25W6D8	
4.7 5W4D7		8.2 10W8D2		8.2 25W8D2	
5 5W5D0		10 10W010		10 25W010	
10 5W010		15 10W015		15 25W015	
22 5W022		22 10W022		20 25W020	
39 5W039		27 10W027		27 25W027	
47 5W047		47 10W047		47 25W047	
100 5W110		100 10W110		75 25W075	
330 5W133		150 10W115		100 25W110	
1K 5W210		1K 10W210		150 25W115	
4.7K 5W247		10 Watt over 1K ohm		220 25W122	
10K 5W310		2 for \$1.09		1K 25W210	
		Ohms Part #		2.2K 10W222	
		2.2K 10W222		4.7K 10W247	
		4.7K 10W247		10K 10W310	
		10K 10W310		18K 10W318	
		18K 10W318			

Precision Resistors

DALE (or =) POWER RESISTORS metal-type:

Ohms	Watts	Tol.	Part#	Price
1.96	30	1%	PR-1.96	\$2.00
12	100	5%	PR-12	\$3.50
39	15	1%	PR-39	\$1.00
43	250	3%	PR-43	\$4.50
50	20	3%	PR-50	\$1.25
1370	50	1%	PR-1370	\$2.50
1400	120	1%	PR-1400	\$3.50

All the resistors below are 3 / \$1.00

Ohms	Watts	Tol.	Part#
1.5	3.0	5%	PR-1.5
5	0.33	1%	PR-5
90	0.50	1%	PR-90
600	0.25	1%	PR-600
58K	0.50	1%	PR-58K
1.04M	0.33	1%	PR-1.04M

Ohms	Watts	Tol.	Part#	Price
0.33	3	1%	PR-0.33	2/\$1.00
3000	2	1%	PR-3000	2/\$1.00
902K	2	1%	PR-902K	3/\$2.25

Ohms	Watts	Part#	Price
1	100	RS-1	\$1.00
1.5	3	RS-1.5	5/\$1.00
1.67	35 flat	RS-1.67	3/\$2.00
2.5	50	RS-2.5	\$1.00
10	31 Dale	RS-10	2/\$1.00
15	95 Dale	RS-15	\$1.00
22	53 Dale	RS-22	3/\$2.50
1100	17	RS-1100	2/\$1.00
1600	43	RS-1600	3/\$2.00
2000	43	RS-2000	3/\$2.00
3000	68	RS-3000	\$1.00
40M	2.5"L x .6"D	RS-40M	\$5.00
80M	6.5"L x .6"D	RS-80M	\$7.00

Slide Resistors

with variable slide adjust:

Ohms	Watts	Part#	Price
4	25 W + 4 fixed	SR-4	3/\$2.25
20	25	SR-20	\$1.00
50	160	SR-50	\$2.50
100	150	SR-100	\$2.50
250	200	SR-250	\$3.00
500	160	SR-500	\$2.50

WARD LEONARD ENCLOSED 40 OHM 300 W vari-resistor; 600 V max. Fits 0.5" dia shaft. 3H x 6.5 #2130-40, \$14.00

DALE 70 WATT 5% 6- RESISTOR BANK, two ea 4 & 7 ohm. one ea 6 & 8 ohm; 6"Lx 3"H. #R6X70W, \$4.50

Rheostats

First set of numbers after RHEO-prefix is wattage; your choice of ohms is second set. SCD= screw-driver adjust type. Style varies; USED or UNUSED:

#RHEO-25W-(ohms), \$1.50 ea 6-scd, 7, 35-scd, 60-scd, 200-scd, 350, 400, 500,

#RHEO-50W-(ohms), \$2.25 ea 0.5, 5, 8, 15, 18, 200, 225, 300, 375

DUALS, \$4.00 ea:
 #RHEO-D50W-16, Dual 16 ohm, \$4.00
 #RHEO-D50W-35, Dual 35 ohm, \$4.00

#RHEO-DUAL, Dual 50/25 Watt 800/500 ohm, \$4

#RHEO-150W-2, 2 ohm, \$3.50

#RHEO-225W-3, 3 ohm, \$4.00

#RHEO-300W-50, 50 ohm, 3 lbs. \$8.

Potentiometers

ALPS or = with switch; 5/8" dia + term. Shaft 1/4" dia. \$1.00 each:
 #POT-10K, 10K ohm
 #POT-50K, 50K ohm
 #POT-100K, 100K ohm

10-TURN PRECISION POTS, 1/4" dia shafts. 100 ohm 2.8"Hx1.8"D. #A-R100-L25, \$7

ALPS 10K ohm potentiometer with a pull on / push off DPST switch. 1/4" diameter shaft. Probably good up to 1/2 watt. Used, #N-800, \$3.95; 3 / \$10

Cases & Enclosures



Black Aluminum Slope Front Enclosure. Top of slope stands 3 1/4" and the base of the slope is 1 3/8" tall. 4 7/8" deep x 8 1/4" wide. 3 lbs sh. Unused, #ENC-SLP, \$7.00

STEEL ENCLOSURE with metal feet and hasp fasteners. 6.5"Hx9.3"W x5"D; 5 lbs sh. Used. #ENC-RM-39, \$3.00 ea; 2/\$5.00



BZ-277A/G Project Box / Modem. This nice box is actually an old modem, but it has a nice power supply 5v, +12v, -12v.

Also has 12 insulated military style push type connection terminals, 6 red/6 black. UTC audio transformers MTC-076 600 ohm 70 ma dc unbal to 600 ohms. +/- .75 db 300 - 4khz, 14.7x10.9x3.9, 10 lbs sh. #CS-277, Excellent condition, \$15.00

INSTRUMENT CABINET for HP-test set; adapt to other uses. 7.6"H x 19"Wx9"D + 4"D cover less 1" overlap; three 6"Hx5"W compartments; w/fasteners & strap; 17 lbs sh. #CS-HP3550, used, \$27.00



Ideal enclosures for your next project! All items below are black aluminum chassis with dark grey front panels. The top and bottom of each of the units are heatsinked with 1/10" fins. The overall dimension of each unit is 9 5/8" deep x 5" tall. All enclosures have multiple 1/4" diameter holes on the front plate. They differ according to width. Used excellent.

1 15/16" Wide, 3 lbs sh, #ENC-4-2, \$7.50
 4 1/8" Wide, 4 lbs sh, #ENC-10-4, \$10.00
 5 9/16" Wide, 5 lbs sh, #ENC-8-6, \$12.00

Low profile cast aluminum enclosure. Removeable top. Has some small holes. 5.8x2.5x1.6, 2 lbs sh. #LP-1 used, \$4.95

Equipment Glides

Military quality for rack mounting; 2"W x 16.5"L; chassis slides have 19" travel. Load rating approximately 100 lbs; 6 lbs sh. #GL-1621, used, \$13.00 per pair

Enclosures & Cases



ALUMINUM SEALED DIE-CAST ENCLOSURE. These enclosures provide effective EMI- and RFI-shielding.

The mounting holes and the screws for the lid are outside the sealed area, which prevents moisture and dust from entering the enclosure. New.

2.5" x 2.3" x 1.4", #G104, \$5.74
4.5" x 2.6" x 1.2", #G106, \$8.32
6.7" x 4.8" x 2.2", #G1201, \$23.34
8.7" x 5.7" x 2.2", #G124, \$25.30

Molded Plastic in high-impact ABS, fire-retardant - dark gray. These cases in molded plastic have a two-piece design with a tongue and groove joint between the top and bottom half. Non-scratch surface with a high-quality finish. Guide slots are provided for vertical PCB mounting and slots make horizontal PCB mounting possible. New.

3.5" x 2.0" x 0.9", #G403, \$2.28
3.5" x 2.0" x 1.3", #G404, \$2.34
4.7" x 2.4" x 1.2", #G407, \$4.42
4.7" x 2.4" x 1.6", #G410, \$4.46
5.9" x 3.1" x 1.8", #G416, \$6.26
7.5" x 3.9" x 2.4", #G421, \$9.95

This plastic utility box is molded in impact-resistant ABS and has card guides spaced at intervals of 7.9" to

allow flexibility in the spacing of the components or the creation of compartments. Guides will accept cards with a max. thickness of 0.06". New.

3.7" x 1.9" x 1.5", #G1068, \$2.14
5.3" x 3.0" x 2.0", #G1098, \$2.78

These enclosures consist of high-impact ABS (operating temperature: -4°F to +212°F). The lid and the base equipped with a tongue and groove sealing system with a neoprene gasket. The mounting holes and the attaching screws are outside the seals, which prevents moisture and dust from entering the enclosure. Internal guide slots allow the vertical mounting of PCB assemblies. The guides on the internal base allow the horizontal mounting of PCBs. New.

2.5" x 2.3" x 1.4", #G302, \$4.08
4.5" x 2.6" x 1.6", #G304, \$6.26
6.7" x 4.8" x 2.2", #G313, \$10.82
10.4" x 7.3" x 4.0", #G378, \$26.06



1LARGE ALUMINUM TRANSIT CASE with rounded corners, hasp fasteners & carrying handles;

20.8"Hx28"Wx17"D including 6"H top. Spot welded compartments + 2 nesting trays; 66 lbs. #CY-3700/PRC-47, used, \$28.00



FIBERBOARD CASE with reinforced steel corners; black vinyl covered. Hinged with two twist-locking hasp fasteners. Foam lined

12.x12.5x11 large compartment plus 3 smaller ones; o/a 18.5x 18.5 x17.5"H, 20 lbs sh. #CS-FIB1818, used, \$17.50

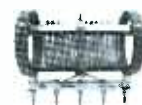
Cast aluminum boxes for those RF and other projects where an inexpensive sturdy box is needed. Boxes have various late 1970's transistors and components and circuit boards. Used condition.

Cast aluminum box. 7.5 x 2.625 x 7.5 has sheet aluminum side panels and male DB9 connector. 2 lbs sh. #BOX68429, \$5.00

Similar to above but has 5 internal compartments separated by cast walls. Four sections each 13/16 x 4 1/8 x 1 1/16 and one section 2 13/16 x 2 3/16 x 1 5/16. 2 lbs sh. #BOX295C, \$6.00

Medium cast box 6 1/2 x 4 1/4 x 1 1/2 with provision for mounting circuit board at approx 3/4 inch depth. Two sheet aluminum covers. 3 lbs sh. #BOX641, \$8.25

Coils



#C-447 coil for BC-610 xmitter 4.5"L x 4.5" dia; 3 lbs sh. UNUSED, \$12.00

MO & PA TANK COILS from 10 to 12.5 KHz TU-10 TX tuners.

Ceramic coil 5"Lx2" dia on 7"x3.1" mount bracket; #12 wire, 2 lbs sh. USED: #2697/TU10 PA; 1.35 uH, \$4.00



RF MASTER OSC COILS: pull out of T-22 / ARC-5 7-9 MHz xmitter; #T53/6032, \$4.00

Ceramic 2" Hx1.6" diameter base. #L101/ART13, \$4.00

TELEPHONE PICK UP COIL p/o modem coupler; no info. 5/8x1.8" dia. #403-4, \$1.00

FERRITE CORE INDUCTORS PC mount; 7/8x 3/4" dia. #NV243, 123-177 mH, \$1.50

Small Inductor, 1.5 mH, 1 ADC, 5V, 12KHz, .5 ohm DCR, PC mount. #80063, \$1.95; 3 / \$5.00



Roller Inductors



ROLLER INDUCTOR ASSEMBLY with 115 VAC 400 Hz motor drive, 3.4" lg x 1.75 dia coil; 28 turns #18

wire approx 14 uH with center tap. Designed to resonate antenna to a transceiver's frequency. 4.5x2.8x3.8, 5 lb used #T301/CU-991, \$7.50

ANTENNA LOAD ASSEMBLY from AM-3349/GRC-106

, includes C2V 1000pf at 5KV vacuum variable capacitor, C27 15-355pf air capacitor, 26 1000pf feed-thru caps, L1 0.5 to 40UH variable inductor, L2 37UH fixed inductor, S1 2-deck 5-position ceramic switch and two Globe or = 24 VDC motors. 5.5 x 9.5 x 5.5, 10 lbs shipping. #3349-02, Used, \$250.00



PLATE ROLLER INDUCTOR 26 turns #16 silver plated wire 3.7"L x 2" dia coil; 14.5 uH max. 115 VAC 400 HZ motor and 20K ohm multi-turn pot; will run on

26 V 60 Hz. Can be adapted to direct-drive. O/a 6.8x4x5, 3 lb #L13/ARC-58, used, \$27.95

L5 ROLLER INDUCTOR, 26

turns #18 silvered wire 2"Lx1.1" dia coil: 8.4 uH max. 115 V 400 Hz motor drive like above; runs on 26V 60 Hz. Adaptable to direct drive. O/a 6x3x4.75, 3 lb #L5/ARC-58, \$12.00

ROLLER INDUCTOR KITS includes

4.4"L x 1.5" dia ceramic coil with 40 turns #14 silvered-wire, roller wheel, die shaft & springs. 3/8" dia shafts have removable pinned gear. End support plates not supplied; 3# #L22-PRC-47, 22 uH, \$16.00 #L35-PRC47,35 uh w/ part slug core \$15 #L40-PRC47,40 uH w/ full slug core \$15

Coil Forms

Small Ceramic Coil Form consists of 35 grooves in a 1.7" space. o/a 3.1"Hx1.1"dia. #CF-5, \$2.50

Small Ceramic Coil Form consists of 10 grooves in a 0.5" space. o/a 1.7"Hx1"dia #CF-1, \$2.00

3 pin Plastic Coil Form which fits BC-611. o/a 0.9" dia. x 1.9"H. #CF-3, 2/\$1.00

Stepper Relays



LEXED 28 VDC SOLENOID, 8-position 45 deg stroke. Start torque: 5 lb-in 35 W (15 lb-in holding) cont. duty; 32 lb-in 700 W 1/20 duty. 7S-size 2.8" dia x1.9" W; 1/2x3/8" dia shaft. 4 lbs. #S-8210-025, Unused, \$4.95

Sensitive Relays

SENSITIVE RELAY SPDT 6 to 12 VDC 1500 ohms, contact adjust. 2.8x2.2x2.3 1 lb sh. #RM39/1901, used \$1.50



SEALED SENSITIVE RELAY, 50 ohms 28 ma coil; DPDT contacts. Solder hooks; 1x1x2 1/4. #R400-2B-50, \$2.95

ULTRA-SENSITIVE P&B 6 VDC DPDT RELAY, coil 500 ohm res. < 40 mv nom. power. Contacts rated 2 amp @ 28 VDC/120VAC; solder or socket mount.

#R10-E1Y2SS500, Unused, \$3.50

--- RELAY SOCKETS ---

10-BLADE Relay Socket for track mount of above; pressure screw terminals; 2.8x1.4x2., Weidmuller mfg. 1 lb. #RS-10, Unused, \$2.50

P&B 4PDT RELAY SOCKET w/screw terminals, Rated 5 A 300 V max. #27E166, Unused, \$3.00

---- REED RELAYS ----

4-REED RELAY CIRCUIT BOARD, 3 / 500 ohm & one 5K ohm 10-15 VDC relays; also a 26 VDC DPDT sealed relay. #792-312, \$3.00

ELECTROL 5 VDC REED RELAY, low current SPST norm-open contacts; 0.7"x2.5"x0.6". #R4376-2, NEW, \$2.25

--- SOLID STATE RELAYS ---

by Opto 22. 3-32 VDC Control, 5-60 VDC operating, 2.3 x 1.7 x .9, NEW, #DC60S5, 5 amps \$8.50

EMAIL US YOUR INQUIRIES AT FAIRADIO@WCOIL.COM

Standard Relays



OPEN FRAME RELAYS with heavy 10 amp silver contacts; mi-calex insulated. 1.8x2.4x1.8, 1 lb sh. **USED-CLEAN:**

DPST NO, coil 115 VAC 60 Hz 400 ohms, #22-4383, \$14.00

DPDT, coil 6.3vac1 ohm, #22-4384, \$16.00

DPDT ceramic, 28VDC coil. #1007-BF, \$8.00

SPDT 9.6-15.8 VDC relay 206 ohm coil; used in GE mobile transceivers. For solder or socket connections. 1x1x3/4. #3SBW1001A2, Unused, \$1.50 each. 24/\$25.00



DPDT 12 VDC 800 ohm coil, 2 Amp cont; socket or solder. #R10-E1-Y2-S800, Unused, \$3.00

DPDT P&B PLATE RELAY; sealed metal can, requires octal socket. 2.5x1.5x1.4, #KR-4175-1, Unused, \$2.00

OMRON 3PDT RELAY, 24 V DC 650 ohm coil; 2 A contacts. 11-pin plug-in/solder lugs. 1 x 1.5 x 0.8; #OM-MY3, \$2.00

P&B 3PST 120 VAC coil, 10 amp 1/4 HP contacts; clear cover, w/socket. #KU-4666, \$3.25

4PDT 12 VDC 185 ohm coil, 2 A 29 VDC cont; w/ socket. 1.1x0.7x1.3; #TF154-CC, \$2.00

DUAL DC COIL each 3PST; one 24 V, other 48 V. PC-mt. 2.8x1.5x1.3; #116-2601, \$2.50

115 VAC 60 Hz COIL 25 amp @ 28 VDC/ 115 VAC contacts; solder terminals. 1.8x 3x1.8; #26S20/2054, Used, \$4.00

K3 Relay removed from the T-368. 380 ohms 115VAC 60Hz. High voltage: SP-NC 2500VDC at 500ma. Low voltage: SPDT 500VDC at 10ma. #K3-T368, \$25.00 See the web for other T-368 relays at www.fairradio.com/t-368.htm

Open frame relay 24VDC 230 ohm coil. 3PST N.O. 10 amps 120VAC / 5 amps 240VAC. SPST N.O. 1 amp 24VDC #DOUX-2055, \$3.95

4PDT 48VDC 3700 ohm coil; 1x1.5x1.7, #MHX4069, \$1.50

DOLLAR DAZE RELAY KIT, five mixed relays various voltages AC/DC. #DD-56-98, \$2.00

Vacuum Relays



JENNINGS SPDT 26 VDC 270 ohm coil; 12 KV pk AC/DC 15 amps cont. W/ mount flange; 2.3"Hx1.5" dia, 1 lb. #RB-1H Used, \$59.50

SPDT 335 ohm; 3.6 KV pk 18 A AC/DC. Max-open/release: 6 ms. 1.3"Hx0.8" dia, used less hardware, #RJ1A-26S, \$45.00

SPDT 8 amps at 2KV Jennings vacuum relay. 26 vdc, 920 Ohm coil. Mounts in 1/2" hole. 1.6" long. One terminal trimmed but usable. #RF1E-26N591, \$25

SPDT VACUUM RELAY ASSEMBLY antenna transfer relay p/o Collins 180L3 antenna tuner; coil 28 VDC 38 ohms. O/a 5x6x2.3, 3#. #K712/180L3, used, \$20.00

Vacuum Contactors



JENNINGS SPDT CONTACTOR RELAY, rated 1 KW @ 300 MHz, 3 KV test. Actuator 6 VDC. Has 4-pin Cannon power & three SC coax connections. 3.5x3.2 x4, 2 lbs. #RC47R6153M430, NEW, \$75.

JENNINGS SPST VACUUM CONTACTOR for 3-1/8" (78 mm) dia hardline coaxial hook-up; rated 25 KW @ 30 MHz; 20 KV peak test; actuator 19-29 VDC. 4x8x3.8, 7 lbs. #RC10A5225A24, Unused, \$99.00



JENNINGS SPDT RF CONTACTOR for high power transmit and process equipment. 26.5 VDC actuator switch rated 300 amps @ 2.5 KV peak; pk test 10 KV 60 Hz. Sealed enclosure w/ mount flange; connector not available. 5x 5.3 x9.5, 22 lbs sh. #RF20BLDE8I2I-I, \$150.00

Contactors



CONTACTOR RELAY, 12 VDC coil & 12 V SPST norm-open contacts; 20 amp. 2x1.8x1.1; 1# #81-2450-1, \$3. 10/\$20.00

SIEMANS CONTACTORS, 80 VDC coils, 2 lbs. NEW: 2 NO+2NC; contacts 230/600 V 3/1 amps. Aux contact 10A 240 VAC; 2.8x1.8x1.8. #3TH12022 \$6.50

8PST CONTACTOR, rated 660 VAC 6 amps; coil 80 VDC. 3x4.5x1.8, 2#. Schindler #MRG-44E, NEW, \$14.95

24VDC CONTACTOR, SPST n.o. 28 VDC 50 amp contacts; 27 ohm coil. 2.5x2.7x 1.8, 1 lb. #MS24166-D1, \$4.75

INTELLITEC SPST Latching type. 12 VDC 50 AMP contactor designed for use in RV's; flange mt. 3.5x 3.5x2.5; 1 lb #01-00055, \$6.50

Coaxial Devices



SPDT Microwave Switch designed for high performance in microwave systems to 12.4 GHz. Has three TNC connections. Requires 24-30VDC. 3x2.70.9, Jay-EI Products. #D2-313B008, used, \$40

SPDT Advance Metal Products Coaxial Relay. BNC connectors. 28 VDC coil. 1 lb sh. #10CSA1/2-18, Used \$20.00

Coaxial Transfer Relay, 4 BNC connectors which switch from AD BC to AB CD. Allows a preamp or some other device to be switched into a coaxial line or bypassed. 24VDC coil. #10CSA2/2-01, used, \$30

Miniature coaxial SPDT can relay for low level RF switching. Also has SPDT contacts. 26.5 vdc 675 ohms. HI-G d'Italia #RFK 6396, \$10.00

Same as above, but relay is in metal box with 6 very small coax connectors (SML ??) #RE-612-2, \$12.00

Broadband Coaxial Protector by Polyphaser, has male to female type N connections. Frequency coverage is 50MHz to 700MHz. Maximum Power: VHF 375W; UHF 125W. 1.8x2.5x1.5, #IS-50NX-C1, Used Excellent, \$25.00 ea.; 6/\$100.

Tap Switches



ELECTRO SWITCH TAP SWITCH, 9 Deck 3 Pole 3-positions: ABEFIJ-BCFGJK-CDGHKL per deck. Rated 7.5 amps 125 VAC; 7"Lx3.8" #ESI265096, Used, \$15.00

Miniature Tap Switch, 1 pole 7-position rated 1 amp 1x1/2". #MTS-7, \$2.00

Rotary Switches



DAVEN-TYPE 18-POSITION, continuous turn; 2" dia. Zinc-silver contacts. 1/2x1/4" diameter shaft. #3Z9825-92.2, \$3.00

FIVE-DECK ROTARY, each 2-pole 4-position; bakelite. 4x1.6" diameter; shaft 1/2x1/4" dia #SW-RM39, Used, \$1.25

MINI-ROTARY, 1-pole 3-pos. shorting. 1" dia; 1/8" dia shaft. No hardware #LED-M13-S, unused, \$1.50

ROTARY SW, 1.6" dia bakelite 3-deck 4P 2-pos, #SW-342, \$2.00 2-deck 3P 3-pos, #SW-233, \$2.00

3-Pole 4-Position, #4-pos momentary; 1" dia bakelite. #SW-PRC-10, Unused, \$1.50

TECH-LAB precision, 4 pole 7-position w/ gold-plated contacts; 2- poles 5 amp & two 3 A. Shaft 1"Lx1/4" dia; o/a 2.3x2.3 x2.5, 1 lb. #TL-4P7PS, Used, \$5.00

ROTARY SWITCH KIT, six types: multideck & contacts, #RS-KIT, \$2.00

Attenuators



ELCOM ATTENUATOR, 10DB w/ SMA conn; Ag-plated, 1.5x0.5" dia. #AT-53-10, \$10.00

VARIABLE 6-STEP ATTENUATOR, ladder network in 10:1 ratio. Attenuates 0.1 V down to 0.1 uv; 50 ohm impedance. BNC input & output connection; shaft 3/4"Lx 1/4" dia with gear drive. Silver-plated; p/o 0.01 to 50 MHz RF generator. 3.5x4.8x3.5, 4 lb #AT101/URM25, used, \$19.00

Attenuators

ELCOM ATTENUATOR, 10DB w/ SMA conn; Ag-plated, 1.5x0.5" dia. #AT-53-10, \$10.00

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Alan Industries Fixed Attenuator, 3.0DB at 30MHz and 3.3DB at 1GHz. Has a BNC male on one end and a BNC female on the other. #75SP3, \$12.00

2-deck 4-pos continuous turn; 120/240 VAC 10/5 A. Shaft 3/16" dia, LESS knob. O/a 3"H. #LOV-230, Used, \$2.50

THREE DECK 7-POSITION TAP SWITCH w/ screw terminals; 10 amp shorting contacts. 1.8x2.3x1.1 + 1.3" x 0.3" dia shaft. #ES32303LM, \$3.50

ROTARY TURRET 50 OHM COAXIAL ATTENUATORS from Empire NF-105 field intensity meter; to operate pull knob and rotate to next index. Mechanism is spring loaded to engage next attenuator element; 5"Lx3.4" dia, 5 lbs.

0-20-40-60-80 db with BNC female chassis connectors on 7.5" cables. #ATTNF105-0-80, Used, \$24.95

40-50-60-70-80-90 db; female BNC chassis & male N conn on 7.5" cable, #ATTNF105-40-90, \$19.95

One of each attenuator, #ATTNF-105-PR, \$39.50

PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

RF Switches



HIGH POWER RF SWITCH, 2 deck, 4 position, ceramic motorized RF switch with progressive shorting. Requires 12 to 19 VDC input. 7"D x 8.8"W x 12.5"H, 8 lbs sh., used nice condition, #PS-12, \$125.00

6-POSITION CERAMIC RF TAP SWITCH for 100 W xmitter; 2.3x2.3x1.8, 1 lb. #3Z9605, \$3.95; 10 for \$32.00

Mini Switches



Black= Blk. White= wh. NEW:

SPDT on-off-on, wh. toggle (b); Alco #MLD106E, \$0.75

SPDT on-on, blk. rocker (c) JBT #MR2-123, \$0.65

SPDT on-on, blk push-type Alco #MSP105D, \$0.60

SPDT on-on 1-side mom; blk or wh push; #CK8168 \$0.65

SPST black rocker (not mini) Carling mfg. #123, \$0.60

SPDT mom push switch; C-NC-NO., C&K mfg. #8125, 2/\$1.00

DP3T one side mom. (f) toggle; Alco #CST-023TA, 2/\$1.00

DPDT on-on slide (h), #MINI-SL, 6/\$1.00
SUB-MINI SLIDE SWITCH, SP 3-pos: #SLS-131PC, 4/\$1.00

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Mini-Toggles, 120 VAC 6 A:
SPDT ON-ON, Used, #MINI-1, \$0.60
SPDT On-Off-On, Used, #MINI-2, \$0.75
DPDT On-Off-On, Unused, #MINI-3, \$1.25

Misc. Switches

MICROSWITCH KIT, five SPST VARIOUS style. #MSW-KIT, \$1.25



C&K KEY-SWITCH for electronic equipment; SPST 4 amp 125 V rated.

Two keys; 5/8" dia, 1" depth. #CK-KY-SW, Unused, \$4.00

ROCKER SWITCHES, 1.6"Wx0.6"Hx 1.3"D; mt flange 1.9"W #0319, SPST, \$0.39; 3 for \$1.00 #0320, SPDT momentary both sides, \$0.65 ea. 2 for \$1.20

ROCKER DIP SWITCHES SPST for PC board use. Can be soldered or fit in socket. Grayhill mfg. 4 sw, Unused, #76SB04, \$0.65 ea; 6/\$3.00



KLIXON THERMOSTAT SPST 4 amp 250 V. Open @ 170°F +3; 20 differential. 2.6" dia X 0.9"D. #C-2851-5, \$3.00

LEVER SWITCHES

4PDT one side 2PDT other side, both sides mom. #1155, Unused, \$2.00



Toggle Switches



Some single hole mount, some with mount plates; CH = Cutler Hammer, Unused unless otherwise noted:

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AIRCRAFT-type Toggle, two hole mt: SPDT 5A/125V, #B-9A \$1.00 (on-off-on)

DPDT 20A/125V, CH, #8710K3, \$3.00

DPDT 20A/125V, CH, Radium tip on-on momentary, #3023-10B, \$2.50

DPDT 20A/125V, CH, on-off-on, #8700K3, \$3.50

SPDT 50A/125V, CH, on-off-on, #8854K2, \$4.50

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INDUSTRIAL-type TOGGLES:

DPDT 10A/125V, CH, on-on momentary, #ST-52R, Used, \$0.60

DPDT 6A/125V AH&H, on-on; 1" mt barrel, 1/2" dia. white ball cap, #T-WB-87, \$2

SPDT 6A/125V, Carling, #TG-CAR, \$2.

DPDT 10A/125V, mfg CH, #ST-52N, \$2.

3PDT 15A/125V, CH, #7614K2, \$2.50

DPDT 6A/125V, CH, Bat Handle, #TG-B-CH, \$1.75

4PDT 15A/125V, CH, Bat Handle, #TG-4PDT, \$3.00

3PDT 15A/125V, CH, on-off-on, #TG-3PDT-3, \$3.50

3PDT 15A/125V, CH, #TG-3PDT-2, \$3.

3PDT 16A/125V, A-H&H, on-off-on, #TG-AHH, \$3.75

DPDT 15A/125V, CH, Bat Handle, #TG-B-DPDT, \$2.50

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LOCK-OUT SWITCH

DPDT on-off-on 40 amp Toggle Switch with lock-out one side. #8770K15, Unused, \$7.00



Push Button

#67137-506, 13-button Push-on/Push-off; 8.8" W. \$7.50



KLIXON 15 AMP PUSH BUTTON w/2.3" W mount flange; fits 1.4"x0.8"x 1.4"D hole. #43A8304, unused, \$1.50

MICROSWITCH ALM-20 push-On/push-Off SPDT switch w/red 5V LED; 0.9" sq x 2"D. #ALM-20-5V, \$2.50

Crystals

JK02 Ovens for CR-26 xtal. 6 - 24 VAC / DC; plug into octal socket. Less xtals; Used, #251B1001 for one xtal, \$2.25 #251B1003 for two xtal, \$2.75

FT-241 XTAL SET for BC-604 (SCR-508/528) WW-2 xmitter 80 xtals (chan 0-79), #FT-241-SET, \$85.00

200KHz FT-241 XTAL, #FT-241-200, \$4
XTAL Socket Adapter for 2 xtals w/ 0.5" O.C. pins; octal base. #2Z307-166, \$1.50

Baker's Dozen

Crystal Socket Assembly, 13 ceramic crystal sockets CR-23 style mounted on an aluminum strip. 9"L x 1.2"W x 0.9"H, 2 lbs sh. #CR-23-13, \$6.50

Circuit Breakers

AN-3161- style Push Button 5 amp breaker, 24-30 VDC; 2x2x0.8. #3161-5, \$1.25 ea



TOGGLE 30 VDC breakers: #AN-3160-5, 5 amps, \$2.75

E-TA BREAKER, small 1.9"H x 0.8 x 0.4 250 VAC 0.5 amp; ETA #41-06-P30 unused \$1.95



AIRPAX BUTTON BREAKER rated 250 VAC/50 VDC 2.7 trip amp; 2.4H x 1.4W x 0.6"D. #PR11-1-2.00A-XX-V, \$1.50



HEINEMAN AM12HK-type .5x2.8x2.3 32 VDC, 8 A, #AM12-8, \$2.50 32 VDC, 20A, #AM12-20, \$3. 60 VDC, 20A, #AM12-60, \$3.50

HEINEMAN CD2 type breakers, ganged two pole. 4.8x2x4, 2 lb NEW #CD-2-Z74-2, 10 A 132 VAC T.D. 2; 125 A 10 VDC T.D. 3. \$2.75

HEINEMAN PUSH RE-CIRK-IT, 5/8" dia "fuseholder-size"; 2.5 amp 50 VDC or 250 VAC. #KD1-2.5, new, \$1.50

Fuse & Fuseholders

Large Industrial Syle Fuse by Gould - Shawmut Amp-trap Form 600, 175 amp 600 Volt AC-DC. 9.5"Lx1.5" dia. #600-175A, Used, \$5.00

GE Type EJO-1, Model 9F60FJD100, Size D, 12" clip spacing, 100E Amp, 4800 V, 15.9"L x 3"D, 10 lbs sh. #EJO-1, Unused, \$19.00

3AG 1 amp Fused, #3AG-1FA, 10/\$1 Slo-Blo 3AG 1 amp; #3AG-1SL, 10/\$1.25

LIGHT INDICATOR FUSEHOLDERS for 3AG fuses; 1.6"D behind panel. O/a 2.9"L; used: 22-33 V amber, #FU-HKX, \$2.00 115 V, clear, #FU-HKL, \$2.50

5AG / AGU In-line Fuseholder, #FH-5AG, Used, \$2.00

Thru Panel Insulator

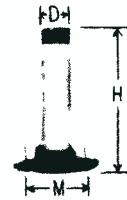


Large porcelain thru panel insulator. 9/16" diameter center hole. Has 6 threaded mounting holes on outer lip. Overall size is 5 1/4"Dia x 2 3/4"H. No Hardware. #INS-6, Used, \$10.00

EGG-TYPE PORCELAIN STRAIN INSULATOR, 1.3"L x 1"x1" with two 1/4" di holes. #INS-EGG-95, NEW, \$2.00



Insulators



Stand-off insulators crows feet type. Brass plated bases and terminals: D= Diameter H=Height M=Mount base holes' center distance ST=Screw terminals CT=Clamp terminals

#B-H3-D1.25-ST3, brown ceramic; M=2.25". Term. cap: 7/8x1 5/8" dia; 2 lbs. \$2.75

#W-H5-D1.25-ST, white; M=2.625". Term cap; 3/8x 1 1/4" dia. 3 lbs. \$3.75

#B-H5-D1.25-CT, white; M= 2.25". Term cap: 1x1 5/8" dia. 3 lb \$4.00

#B-H7-D1.25-ST, brown, M=2.6", Term cap 1x1 3/4" dia; 3 lbs. sh. \$4.75

Quantity Discounts on above!
10-25 ea (1-type) 20% off;
25% (26-99), 30% (100)

STAND-OFF with CLIP for clip-in resistors or capacitors. 1"H x 0.8" square insulator with clip for 0.5" dia cap, #NS4W1208, \$1.50



PORCELAIN STAND-OFFS, no bases but screw threaded:

#P-4H-75D 4"Hx 0.75" dia; 8-24 threader. \$7.5 ea

#P-7H-100D, 6.8"H x 1" dia; 10-24 threaded. \$1.00 ea

INSULATOR POST for mounting capacitors, coils, etc. 1.7"Hx3/8" sq porcelain; 1/8" di thru-hole near top; base threaded for chassis screw. #IP-1706, 4 for \$1.00

2"Hx1" square; two 6/32 threads top and bottom. #NL523W14, 4/\$1.00



MP-48A INSULATOR for WW-2 vehicular spring antenna base; 3.6"Lx2.6" dia, 4 lb. #INS-48A, \$16.00

COLLAR for MP-48A, fits bottom of base, #COLL-48A, \$2.50



Phenolic Insulator from MP-48, #IN-118, \$7.50

Large porcelain insulator transformer style with a 3/16" feed thru hole. o/a 1.9"Hx1" dia. #INS-8, \$1.00



Strain Insulator

BROWN porcelain insulator 8.5"Lx1.8" h x 1"D with reinforced 0.5" dia hole on ends; 3lbs sh. #SPI-85181, \$1.95; 2/\$3.00

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

Bandpass Filters



TUNABLE TWIN-CAVITY BANDPASS FILTERS, gold-plated cavities have tune knobs, dials, and rear N-connections. Designed for military TRC-24 radio system for specific frequency ranges; usable and/or adapt for civilian purposes. 7x2.5 x9.5, 8 lbs. Used, \$22.00 each.

#F-196, 184-205 MHz #F-199, 224-254 MHz
#F-200, 254-284 MHz #F-201, 284-314 MHz
#F-203, 344-374 MHz

#F-197, 205-225 MHz, unused, \$30.00

#F-204, 374-404 MHz, unused, \$19.95 ea; 2/\$30.00

Line Filters

CORCOM EMI 3 AMP filter with solder connections. 115/VAC 50/60Hz. 2.7x1.7x1.2, used, #3W1A \$1.50



TOKIN 250 VAC 15 amps 50/50 Hz with spade terminals; 2.6"Lx1.8" dia, 1 lb. #VG-215F, NEW, \$3.00

2x20 AMP FILTER, 115 to 250 VAC 48-440 Hz; 3.4x1.5x 3.2, 1 lb.

#F-85066, NEW \$3.50; 10/\$25.00; 100/\$195.00

Bandpass Filters



F-1482/GRC BANDPASS FILTER, three 30-88 MHz tunable helical cavities with dial locks and 1.5" dia 0-60 Watt meter; switch for 6 or 60 W Phase, Reflected or Forward W. BNC output connection; special RF input connection. Rugged military design; 8.8x2.5 x9, 10 lbs sh. #F-1482, GOV'T-RECONDITIONED, \$50; 3/\$125

K & L Tubular Bandpass Filter. Six section filter. 26 MHz BW. 200 watts. VSWR = 1.5:1. Center frequency is 257MHz. 50

and 75 ohm impedance. SMA male connections on each side. 1 1/4" diameter x 6.8" long. 3 lbs sh. #6B110-257/HQ26-OP/OP, Used Excellent, \$16.00



Bandpass Filter 2.0 - 3.15 MHz. 3"X3/4", #A-251-A, Unused, \$5.00

Trompeter



Trompeter Cable, 10 inch patch cord with two gold plated trompeter PL150-29 mini patch plugs. Used good condition, #TRMP-1, \$12.00

As above except 2 feet long. #TRMP-2, \$14.00

Trompeter Adapter. Has two BNC female connections on one side through patch to two 50 ohm jacks. #J14T-50, Unused, \$4.00



#LPW-75 Looping Plug. 75 ohms. Unused, \$6.00
#J3W Patch Jack WECO-BNC, \$5.00
#J13W-75 Sim J3W Self Term 75 ohm, \$5.00
#AD1W BNC WECO Male Plug fits above, \$5.00

Selectro Connectors

ADAPTERS

69-174-3264-000 BNC-M to SMC male on RG174 6" \$10
50-675-6801-89 sma to BNC-F bulkhead nickel, \$15
51-175-6801 snap on SMB 75 ohm bulkhead receptical BNC-F, \$7
51-175-0069-22 BNC-F to SMB receptical bulkhead 5/16 hole gold, \$7



SMA CONNECTORS

50-645-4547-31 jack receptical square chassis 4 hole flange mt, \$2.50
50-647-4504-31 rt angle chassis 4 hole flange mt \$2.50

SMB SCREW-ON

50-128-9511 crimp type 75 rt angle cable receptical small braided coax, \$3.00
50-124-3059 crimp type 75 straight med coax gold \$3
50-153-0000 75 pc mount right angle receptical, \$2.60
50-151-0000 75 pc mount straight jack, \$2.50
50-111-9511 75 rt angle cable plug clamp small coax braided wire gold, \$3.00
50-128-0209 crimp type rt angle med coax nickel, \$2.50
50-128-3059 crimp type rt angle med coax gold, \$3
50-124-0189 crimp type straight plug med coax gold \$3
50-107-3187 straight clamp type small coax gold, \$3
50-107-3059 straight plug clamp type large coax gold \$3



SMB SLIDE-ON BULKHEAD

52-144-0000 75 plug receptical type gold \$2
52-145-0000 75 jack receptical front mt solder term. \$2
52-126-2700 75 jack receptical rear mount crimp small coax, \$2.50
52-126-3187 75 jack receptical rear mount small coax \$3
52-126-0039 75 receptical rear mt med coax, \$2.50
51-144-0000 75 rear mount plug recept. solder term. \$2
52-126-0000 braided small coax 75 straight cable jack \$3
52-126-0029 rear mt receptical very small coax \$2.50
52-144-2700 receptical rear mount, \$2.00



SMB SLIDE-ON CRIMP TYPE

51-124-3059 med coax 50 ohm cable plug gold, \$3
51-126-2700 75 bulkhead jack recept. small coax gold \$4
52-127-0000 75 cable jack braided coax small coax \$3

SMB SLIDE-ON

52-146-0029 50 jack plug chassis mt solder term., \$3
52-151-0000-220 75 pc straight jack receptical, \$2.50
52-146-0000 chassis front mt recept. solder term., \$2

SMB SNAP-ON TYPE

51-151-0000 75 pc straight jack recept \$2
51-127-0199 cable plug 75 recept bulkhead med coax \$3
51-127-0000 crimp type small coax 75 bulkhead cable jack, \$2.50



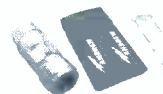
SMC TYPE CONNECTOR

51-010-0000-ai-1 snap on clamp type 50 cable plug braided coax, \$3.00

Bead Terminal

5M75-A-1-9/RRH2H, 100 for \$10.00; 300 for \$20.00

Helix Type N



Type N male connector by Andrew. Works with Helix FSJ-50B coaxial cable. Comes with tubing for strain relief. Coupling torque is 22-25 in-lb.

#F4PNM-H, Unused, \$17.00; 4 for \$60.00

Coax Connectors

#PL-259 UHF Male, Generic, \$1.10 each 10/\$10.00
#83-15P-1050, PL-259 by Amphenol, \$2.19ea; 10/\$20
#83-15P, As above but silver plated, \$3.19ea; 10/\$30
#SO-239 UHF Female, \$1.10 each 10/\$10.00
#SH-SO239 barrel mount, \$.85 each
#2H-SO239 2-hole mount, \$.85 each
#PL-258 UHF Female to Female, \$1.75 ea 10/\$16.
#M-358 "T" for two PL259 & one SO239, used, \$1.50
#83-185-RFX, UG-175 reduces PL-259 to RG-58 coax, \$.45 each; 10/\$3.99

CONNECTORS & ADAPTERS: (m) male, (f) female, (bulk) bulkhead, (rec) receptable, (r/a) right angle; (U) = Used, (Un) = Unused.

TYPE BNC: UG-88m (RG-58) Used, \$.75 ea
BNC (m) (RG-58) Amphenol, New, #31-2-RFX, \$2.50; 5/\$10
UG-260 m (RG-59) U \$.60 UG-290 f panel U \$1.
-274 "T" 2-f to m, U \$4. -909 bulk U \$1.
-273 to UHF, Un \$2.00 -306 R/A adapter, used, \$1.75
-282 to post \$1.50
UG-913 r/a U \$1.00 -255 UHF-BNC \$3.



BNC "T" like UG-274. Useful around the shop. Nickel plated. #274-T, Un, \$3.00

TYPE N: UG-21 male (RG-8), Used, \$3.00

Type N male (RG-8) Amphenol, New, #82-202-RFX, \$5.35; 5 / \$23.95

UG-22D male bulkhead (RG-11), Unused, \$4.00
UG-58 f chassis U \$2.50 UG-27 R/A m-f U \$2.

-536 m (RG-58) U \$2.00
-593 f bulkhead for R-59-62, used \$1.50
-1052 f bulkhead for RG-58, used, \$1.50

TYPE TNC: Gremar #6000 (m) used, \$1.50 ea
#6177 m R/A Un \$3. #6098 to N f bulk U \$3.

TYPE HN: UG-59 U, \$5.00 UG-920 m-f R/A, \$6.
UG-100 m U \$1.50 DA-113 dummy U \$4.00
-109 f/UG-100 \$1.50 UG-643 "C" f-f, \$2.50

R-390A Connectors:

Twin-Ax male, Amphenol, New, #82-5589-RFX, \$9.95; 3 / \$25.00
Mini-BNC p/o R-390A, #390A-MBNC, used, \$2.50
As above but chassis, #390A-MBNC-CH, used, \$2.50

AC Line Cords



Ground Fault Interrupt (GFI) line cord, 12 ft 3-conductor #18 AWG; w/ reset button. #18-GFI, \$2.50

3-COND LINE CORDS:

10 ft flat w/ R-A plug; #14 wire. #14-10FT, \$2.50

BUSINESS MACHINE CORD, 3-blade type w/ AC plug; 6' black, 18 AWG. #HP-NS, \$2.00

16 AWG 3-blade line cord; no AC plug. #16-HP-NP, \$1.95

HEATER CORD type HSJ, 3-cond 7.5' #16 wire; grey molded R/A plug. #HSJ-16, \$2.00

AC LINE CABLE ADAPTER f/ 3-cond plug to 2-cond outlet w/ground; grey. #53-90, 3 for \$1.00

Hook-up Wire

Vinyl-covered hook-up wire, all stranded copper; no color choice. May not have continuous lengths over 1000 ft. Allow 2 lbs sh weight per 100 feet

Part#	Gauge	Price
HUW-12,	12	\$12/100 ft \$99/1000 ft
HUW-14,	14	\$7.50/100 ft \$48/1000 ft \$195/5000 ft
HUW-16,	16	SOLID \$4/100' \$24/1000' \$95/5000'
HUW-22,	22	SHIELDED \$3.50/100' \$22/1K' \$75/5K'
HUW-26,	26	SOLID \$6/500' \$9/1000' \$30/5000'

CHECK OUT OUR LATEST FEATURE ITEMS AT FAIRRADIO.COM

Coax Cables

New manufacture to MIL-R-17A specifications. Prices PER FOOT for lengths indicated. In between lengths, use higher price. Less than 100 ft add 10% to highest price! #RG-58-(specify feet),

COAX Ohms	100 ft	500 ft	1000 ft	5000 ft
RG-58	53.5	.17	.16	.15

COAX CABLES with connectors from military equipment. USED/UNUSED:
 #CG-409 CABLE, 25 ft RG-58 with two BNC, \$4.50
 #RG-213-1, 16" RG-213 coax w/ R/A N conn. \$5.
 #CG-3444, 42" RG-214 w/ 2 UG-573 "C" conn., \$9.
 #A303892-10, SMA (m): TNC (f) 8" jumper; \$4.50

RG-142 Cable 3' 3" long with type SMA screw on male going to a type N female on the other. The type N female does not have any nuts. Cable is rated for 50 ohms 5000 volt. Diameter of the cable is similar to RG-58. Various manufacturers. 2 lbs sh. #RG-142-3, Used excellent condition, \$6.50

--- TYPE N - SMA CABLES ---

From cellular installation:

Type N male to SMA male w/ 12" coax. #N-SMA-12, \$3.50

Type N male to R/A N male w/ 29" coax. #N-RAN-29, \$2.95

Type N female to SMA male w/ 33" coax. #FN-SMA-33, \$3.75

Male BNC to male BNC with gold center pin connectors on a 8 foot long 1/16" diameter coaxial cable. Pinkish cable is marked type CTCFT4. We are unable to find any further specs on the cable. Mfg by Harbour Industries. 1 lbs sh. #CTCFT4, Unused, \$10.00 each; 2 for \$16.00



BNC male to right angle BNC male six foot RG-58 coaxial cable. #CG-1773, Unused, \$5.00; 6 for \$20

W-128 Single conductor antenna wire as used on many radio sets from WW2 thru the 1970's. Removed from installation kits, good condition.
 #W-128-5, 5 feet, \$8.00
 #W-128-9, 9 feet, \$12.00



Wire Galore !!

#22 Cloth Covered Stranded Hook-up Wire. Color choices: red, red/black, red/green, red/white, orange, orange/black, orange/green, orange/red, blue, blue/white, green, green/black, white/red/blue, black. PLEASE SPECIFY. #WCC-22-(specify color)-(specify feet), \$3.95/10ft, \$5.95/25ft, \$16.95/100ft

Twisted two conductor 22 gauge stranded cable with tin shield. 19 strands per conductor. Has white plastic jacket. Mfg by Brand-Rex. #WT-22, \$29.95 for 500 foot spool

Twisted Twin-Axial RF cable with braid silver shield. Both conductors are 24 gauge with 19 strands per conductor. Cable rated at 77 ohm impedance. Light blue jacket. #WT-24-(specify feet), \$25.00/100ft; \$95.00/500ft

Three conductor 22 gauge with shield. White vinyl covered. 500 foot spool, #WIRE-22-3, \$20.00

Hardline Coax

Hardline 50 ohm Coax, 3/8" dia aluminum jacket, foam insulated. 9 gauge center conductor. 3/32" dia solid copper wire. 25pf per foot nominal impedance, impedance 50 ohms, 2500 vrms: #HLCX-3/8-(specify feet), \$1.65/ft; 100 ft/\$56.00 500 ft/\$225.00

MINI-FLEXIBLE HARDLINE

COAX CABLE, Belden 1573A (RG-402 50 ohm) with SMA connectors. M=male, F=female, RA=right angle

#507-169/170A, two M, 5" Length,	\$9.00
#507-173A, M-RA to M, 11.5" L,	\$11.00
#507-175A, M to F N-chassis conn, 8"L,	\$12.00
#507-176A, two M-RA, 3.1"L,	\$12.50

0.5" dia FLEXIBLE HARDLINE (Cablewave 16733) with male N-connections (1-right angle); Various lengths as noted; 5 lbs sh. #HDL-16733-(length):

6 ft,	\$18.	10 ft,	\$22.
12 ft,	\$24.	15 ft,	\$30.
		22 ft,	\$40.

Heatshrink Tubing

4 Foot NTE Heat Shrink Tubing. Shrink Temperature: 120C. Shrink Ratio - 2:1. Example - 1/16" shrinks to 1/32". Comes in four colors: Black - "BK"; Clear - "CL"; Blue - "BL"; Red - "R". New.
 1/16", #47-20148-(Specify Color), \$0.87
 1/8", #47-20348-(Specify Color), \$0.91
 1/4", #47-20548-(Specify Color), \$1.30
 3/8", #47-20748-(Specify Color), \$1.56
 1/2", #47-20848-(Specify Color), \$2.02
 3/4", #47-20948-(Specify Color), \$2.16
 1", #47-20848-(Specify Color), \$3.71

1/16" black Polyolefin. 90C shrink temp. Made by Sumitomo. #11438-(specify feet). 10ft \$3.50; 25ft \$7; 50ft \$12; 100ft \$20

3/8" Dia. Alpha Irradiated PVC Heat Shrink Tubing. For wire harness jacketing and covering handles, capacitors, and terminals. Rated 105 degree C. 2:1 shrinkage ratio at 175 degree C. 3/8" diameter. #FIT-105-3/8, Unused, 10 ft for \$4; 25 ft for \$7.50

24 gauge single conductor stranded wire with shield. Has white jacket. #W-1, \$10/100ft; \$32/500ft; \$55/1000ft; \$195/5000ft

20 gauge stranded vinyl covered white colored hook-up wire. 500 foot spool, #WIRE-20-ST, \$14

As above except 14 gauge, 500 foot spool, #WIRE-14-ST, \$24.00

As above except solid 16 gauge, 1000 ft spool, #WIRE-16-SO, \$32.00

As above except solid 22 gauge, 1000 ft spool, #WIRE-22-SO, \$18.00

HV Wire 15 KV 16 gauge 19 strand gray w/ red tracer. 20 feet #WRHV-16-20, \$5; 100 feet #WRHV-16-100, \$17
 20 gauge shielded 19 strand light gray. Mfg by ITT. 20 feet #WRHV-20-20, \$4; 100 feet #WRHV-20-100, \$12

Cutters & Strippers

UNIVERSAL CUTTER - HEAVY-DUTY. 6.5" long. #VT09, \$4.19

HQ MINIATURE DIAGONAL CUTTER. Carbon steel, hardened. Black oxide finish. 4.3" long. #VT057, \$2.69



MICRO CUTTING NIPPERS. For precision work. 5.1" long. #VT100, \$2.99

HEAVY DUTY MINIATURE DIAGONAL CUTTER. Carbon steel, hardened. Black oxide finish. 4.9" long. #VT106, \$2.99



CABLE CUTTER. Curved blade cuts wires up to 0.4". 6.5" long. #VTCC, \$7.18

ELECTRICAL CUTTER & STRIPPER. Strips wires from 20-24 AWG and cuts wires with a max. γ of 0.05". 4.7" long. #VT109, \$4.99



Adjustable Cutter/Stripper. Strips AWG 30-10 wire. Adjusts with a screwdriver. High carbon steel. Precision ground cutting surface. #200-007, New, \$4.69

Precision Wire Stripper. Plier type nose. Cutter jaws. Soft grip handles. Spring return. New. For AWG 22, 20, 18, 16, 14, 12 & 10, #200-010, \$7.99 For AWG 30, 28, 26, 24, 22, 20 & 18, #200-001, \$9.29



Cable Ties

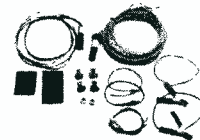
All nylon ties listed below are common locking type and are standard 0.19" width.
 #CT-12, bright pink 11.5" long, 25 for \$2.25

As above except 0.12" width.
 #CT-5.5, Black 5.5" overall length, 50/\$4.; 100/\$6.50
 #CT-5, Natural 5" overall length, 50/\$4.; 100/\$6.50

As above except 0.06" width. Bundle dia. is 5/8".
 #CT-4, Black 4" overall length. 50/\$3.00; 100/\$5.00
 #CT-4.5, Natural 4.5" overall length. 50/\$3.; 100/\$5.

Tie-Down Nylon Cable Tie - Ideal for fastening wiring or harnesses to chassis or mechanical assemblies. Accepts #10 screw. Maximum bundle diameter of 1 1/4". Overall length of 6". Standard 0.19" width.
 #TCT-6B, Black color, 50/\$5.50; 100/\$8.00
 #TCT-6N, Natural color, 50/\$5.50; 100/\$8.00

SDU-5 Wire Kit



Wire Kit provides parts to connect an SDU-5/E flasher to a vehicle (12/24V) battery or wiring. Kit includes the following: Voltage Converter, Adapter, (2) 3/8" Ring Lugs with

Wire, (2) #8 Spade Lugs with Wire, (2) Battery Clips with Wire, (4) Connector Splices, (4) 3/8"-16 Nut. (2) 11.5" Cable Tie, 7.25" Cable Tie, and a Velcro Strip. 3 lbs sh.
 #CK-SDU, Unused, \$10.00; 3 for \$25.00

CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

Pliers



UNIVERSAL PLIERS - HEAVY-DUTY. 7.5" long. #VT03, \$4.69

HEAVY-DUTY LONG NOSE PLIERS. 6.0" long. #VT05, \$4.99



HQ MINIATURE FLAT NOSE PLIERS. Carbon steel, hardened. Black oxide finish. 4.9" long. #VT054, \$2.69

HQ MINIATURE BENT NOSE PLIERS. Carbon steel, hardened. Black oxide finish. 4.9" long. #VT055, \$2.69

HQ MINIATURE LONG NOSE PLIERS. Carbon steel, hardened. Black oxide finish. 4.5" long. #VT056, \$2.69

TOOL SET / 5PCS DIFFERENT PLIERS. Stainless-steel precision pliers set (5 pcs): diagonal cutter, top cutter, bent nose pliers, flat nose pliers, long nose pliers. #VTSET, New, \$9.99



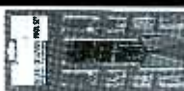
COMPACT MULTI-PURPOSE PLIERS - LOW-COST. Multi-purpose pliers: pliers, cutter, screwdriver, saw, etc. 3.9" long (closed). With carrying bag. #VTMPPLC, \$8.95

MINI COMPACT MULTIPURPOSE PLIERS WITH HANGER. 12 functions: slotted head screwdriver, small knife, flat metal tool for nail polishing, bigger knife, opener, philips and slotted head screwdrivers, scissors, keychain, slotted contact screwdriver, tool for turning the nut, and tool for working with cable. 2.6" long (closed). #VTMPP4, \$6.95

COMPACT MULTIPURPOSE PLIERS - 28 IN 1. Universal pliers, awl, knife, saw, bottle opener, scissors, 12 bits, etc. Made of stainless steel. Comes with belt bag. #VTMP3, \$17.95

Crimping Tool

80-PC TRAY CARD WITH CRIMPING TOOL. Crimping tool comes with a variety of different spade terminals, ring terminals, etc.. #BL/FCT, New, \$5.92



HEAVY-DUTY CRIMPING TOOL FOR FAST-ON. For crimping insulated terminals red awg 22-18, blue awg 16-14, yellow awg 12-10. 8.7" long. #VTHCT, \$25.98

CRIMPER by Thomas Betts with 13470 green die, and 13471 blue die. With metal carrying case, used excellent. #TBM6, \$195.00

IC Extractor

IC EXTRACTION TOOL. 4.1" long. #VTIC, \$1.98

Tuning Needle Set

6-PC PLASTIC TUNING NEEDLE SET. Comes with a variety sizes. #VTPT, New, \$3.99



Screwdrivers

SCREWDRIVERS

HANDLE: Swivel-handed cap and color-coded caps for easy identification. User-friendly grips for improved comfort. Special handle for good torque. BLADES: Nickel-chrome molybdenum. Black oxidized tips for greater durability and accuracy. Plated blade to reduce glare and reflection. Horizontally ground tips for greater torque.

Philips type: #0, 4.7" long, #VTC1, \$1.65 #0-3, 6.7" long, #VTC2, \$1.65 #1, 10.0" long, #VTC3, \$1.99

Slotted type: 0.06", 4.7" long, #VTF1, \$1.98 0.09", 6.7" long, #VTF2, \$1.98 0.14", 8.1" long, #VTF3, \$1.98

ELECTRONIC SCREWDRIVER SETS

Ideal for TV sets, communication instruments, optical instruments, cameras, computers, VCRs, telephones, etc.

Slotted: 0.04", 0.06", 0.09", 0.12". Philips: PH#0, PH#1. 4.1" long. #VTSET1, \$2.99 Slotted: 0.05", 0.08", 0.09", 0.12". Philips: PH#0, PH#1-2. 4.7" long. #VTSET2, \$10.99

Torx: #T6, #T7, #T8, #T9, #T10, #T15. 4.7" long. #VTSET3, \$11.98

Ball: 0.05", 0.06", 0.08", 0.10", 0.12". Hex: 0.04". 4.7" long. #VTSET4, \$13.98

Slotted: 0.08"x1.6", 0.10"x1.6", 0.12"x1.6", 0.14"x1.6". Philips: PH#00x1.6", PH#0x1.6", PH#1x1.6". #VTSET13, \$3.50

Slotted: 0.12"x1.6", 0.08"x1.6", 0.10"x1.6", 0.14"x1.6", 0.16"x1.6". Philips: PH#00x1.6", PH#0x1.6", PH#1x1.6", PH#2x1.6". Torx: #T6x1.6", #T8x1.6", #T9x1.6", #T10x1.6", #T15x1.6", #T20x1.6". 4.7" long. #VTSET15, \$7.95

Chrome vanadium steel blade, satin finish. Lengths: 4 x 6 1/2" and 11 x 4 3/4". Torx: #T6, #T7, #T8, #T9, #T10, #T15, #T20. Slotted: 0.08", 0.10", 0.12", 0.16". Philips: PH#000, PH#00, PH#0, PH#1. #VTSET16, \$13.95

Black oxidized tips. Plastic handle with swivel-headed cap. Slotted: 0.09"x3.0", 0.12"x3.9", 0.16"x5.9". Philips: #00x3.0", #0x3.9", #1x5.9". #VTSCRSET, \$9.95

Chrome-vanadium. Fully insulated. Red plastic grip. Slotted: 0.10, 0.12, 0.14 2 Philips. #VTSCRSET5, \$1.99

Includes voltage light tester (110-500V). Slotted: 0.24"x5.9", 0.20"x4.9", 0.16"x3.9", 0.16"x3.7", 0.10"x3.0". Philips: PH#0, PH#1, PH#2. #VTSCRSET1, \$3.95

Includes voltage tester with neon indicator (230-250V). Fully insulated (1000V). Slotted: 0.16"x3.9", 0.22"x4.9", 0.26"x5.9". Philips: PH#0x3.0", PH#1x3.9". #VTSCRSET7, \$9.99

SECURITY SCREWDRIVER SETS

Contents - 1 x quality handle. 6 x inch socket: 5/64"x105, 3/32"x105, 7/64"x105, 1/8"x105, 9/64"x105, 5/32"x105. 6 x metric socket: 2.0x105, 2.5x105, 3.0x105, 4.0x105, 5.0x105, 6.0x105. 4 x tri-wing: #1x105, #2x105, #3x105, #4x105. 1 x cross: PH2x105. 1 x flat: 2.0x105. Comes in a plastic case. #VTBT7, \$28.99

Contents - 1 x quality handle. 7 x torx: T8x105, T10x105, T15x105, T20x105, T25x105, T27x105, T30x105. 3 x four-wing: 6x105, 8x105, 10x105. 4 x U-shape: 4x105, 6x105, 8x105, 10x105. 1 x cross: PH0x105. 1 x flat: 3.0x105. #VTBT8, \$24.99

PRECISION SCREWDRIVERS (MICROTIP)

Special handle with swivel cap. Black tip, chrome-molybdenum vanadium steel. Features - ROTATING HEAD: to facilitate support and rotation control. HANDLE: varying diameter for flexible grip position and torque high impact resistance, cadmium-free material, easy to recycle. TAPERED GROOVE: for better grip and faster rotation. BLADE: made of high-quality alloy chrome-vanadium steel, heat-treated. BLACK TIP: for high precision, protection from corrosion. COLOR CODED: for quick size selection. METAL BALL: for easier operation.

Slotted: 0.08"x2.9", 0.10"x2.9", 0.12"x2.9", 0.14"x2.9", 0.16"x2.9". Philips: PH#0-0x2.9", PH#0x2.9", PH#1x2.9". #VTSET11, \$19.95

Torx: #T5x1.6", #T6x1.6", #T7x1.6", #T8x1.6", #T9x2.9", #T10x2.9", #T15x2.9", #T20x2.9". #VTSET12, \$ 19.95

SET OF 2 PLIERS, TWEEZERS AND 8 SCREWDRIVERS (MICROTIP). 4" long nose pliers. 4" diagonal pliers. 4.9" tweezers. Slotted: 0.05"x1.6", 0.06"x1.6", 0.07"x1.6", 0.08"x1.6", 0.09"x1.6". Philips: PH#000, PH#00, PH#0. #VTSET14, \$37.95

ELECTRONICS BIT SET (19PCS) WITH SCREWDRIVER (MICROTIP). 20-pc precision bit set. Philips: PH#0-0, PH#0. Slotted: 0.08", 0.10", 0.12", 0.16". Torx: #T6, #T7, #T8, #T9, #T10. Hex: 0.06", 0.08", 0.10". Ball: 0.06", 0.08", 0.10". Pozzi: PZ#0-0, PZ#0. #VTSET9, \$19.95

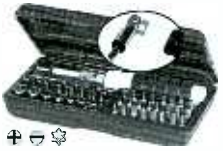
TOOL SET. Ideal for TV sets, communication instruments, optical instruments, cameras, computers, VCRs, telephones, etc.

Swivel-headed cap. Black oxidized tips for greater durability and accuracy. PRECISION SCREWDRIVERS - Philips: PH#1-1, PH#1-2, PH#0, PH#0-2. socket: 0.12", 0.16", 0.20". Hex: 0.06", 0.08", 0.10". Slotted: 0.04", 0.06", 0.08", 0.09", 0.12", 0.15". #VTSET5, \$4.95

10-PC SCREWDRIVER SET. The bitholder has a holder for bits on both sides. Comes with 10 bits: 2 x slotted, 2 x philips, 3 x hex and 3 x torx. #VTTS2, \$1.78

PLACE YOUR ORDER OVER THE WEB AT FAIRADIO.COM

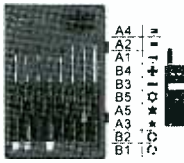
Tool Kits



41-PC TOOLSET. Head can be set at an angle of 0°, 45° or 90°. 38 bits: 14 hex sockets, 16 torx bits, 3 slotted, 3 phillips and 2 S-bits. With plastic carrying case. #VTTS3, New, \$6.95

UNIVERSAL CELLULAR PHONE TOOL KIT.

Screwdrivers: U-shaped, curved, needle tip, 1 x phillips, 1 x slotted, 3 x torx and 2 antenna removers. With colored swivel caps. #VTSET8, New, \$19.95



A4
A2
A1
B4
B3
B5
A5
A3
B2
B1



FLEXIBLE EXTENSION SHAFT 7.5". PRECISION SCREWDRIVERS - slotted: 0.08"x3.0", 0.10"x3.0", 0.12"x3.0", 0.16"x3.0".
Phillips: 0.10"x3.0" PH#00, 0.12"x3.0" PH#0, 0.16"x3.0"

PH#1. HANDLE SCREWDRIVERS - Slotted: 0.16"x3.0", 0.20"x3.0", 0.24"x3.9", 0.31"x5.9".
Phillips: 0.20"x3.0" PH#1, 0.24"x3.9" PH#2. **BITS:** T10, T15, T20, T25, T27, T30, T40, H2, H3, H4, H5, H5.5, H6. **1/4" SOCKETS:** 0.20", 0.24", 0.28", 0.31", 0.35" + 1/4" socket holder. **BIT HOLDER:** 2.8". #VTSET19, New, \$9.99

25-PC TOOLSET. 4.5" long nose pliers. 4.5" side cutters. Stainless-steel tweezers. 1.4" sockets: 7, 8, 9, 10. Magnetic screwdriver: 1.0". Bits: slotted 0.12", 0.20", 0.28"; philips #1, #2, #3 (0.98"); torx #T10, #T20, #T30. 6 precision screwdrivers: slotted and philips. Carrying case: 6.1" x 3.9" x 1.9". #VTTS, \$8.99



Bit Set



SECURITY BIT SET / 33 PCS. Contents - Torx: #T8, T10, T15, T20, T25, T27, T30, T35, T40. Hex: #5/64", 3/32", 7/64", 1/8", 9/64", 5/32". Hex: #2, 2.5, 3, 4, 5, 6. Tri-wing: #1, 2, 3, 4. Fork: #4, 6, 8, 10. Four-wing: #6, 8, 10. Magnetic bit holder: 1/4" hex. #VTBT5, New, \$9.99

BIT SET / 33 PCS. Contents - Hex: #2, 2.5, 3, 4, 5, 6. Torx: #T10, T15, T20, T25, T30, T40. Slotted: 3, 4, 5, 6, 7. Phillips: 1 x PH0, 2 x PH1, 3 x PH2, 2 x PH3. Pozzi: 2 x PZ1, 3 x PZ2, 2 x PZ3. Magnetic bit holder: 1/4" hex. #VTBT6, New, \$4.99



Torque Drivers

Mountz (M) and Torquemaster (T) torque drivers. These are unused / slightly used. Most have had ID numbers engraved on the handle.

(M) - red 3-190 ozf in 2-135 cN.m 1/4 inch hex female drive, #TLS0135-R, Unused, \$39.50

(T) - Standard green, as above, 1/4 sq drive, #TLS0135-G, Unused, \$39.50

(T) - Minor red 3 oz f in - 12 lb f in/200 gm f cm-14kg f cm / 2-135 cNm 1/4 hex femal drive, #TORQ-3, Used, \$19.95



Soldering Tools



"Helping Hands" Soldering Aid with magnifier. Table top, weighted base. Multi-dimensional adjustment capability. Alligator style clips for holding subject work. #VTHH, \$5.84

6 Pc. Soldering Aid Set. 6 Double-ended picks and brushes. #VTSA, \$6.95

POWERFUL DESOLDERING PUMP. Teflon-nozzle. 10.8" long. #VTD1, \$2.99

EXTRA-POWERFUL DESOLDERING PUMP. Teflon-nozzle. 13.2" long. #VTD2, \$3.99

DESOLDERING PUMP WITH ANTISTATIC TIP. 7.5" long. #VTD3, \$5.99
Spare bit, #BITVTD3, \$2.50

H.Q. DESOLDERING PUMP. Aluminum body. 6.4" long. #VTD5, \$5.99
Spare bit, #BITVTD5, \$1.50



ECONOMIC SOLDERING IRON STAND. With cleaning sponge. #STANDLC, \$2.99

Kester Solder Supplies

Pocket Pak .031 Dia. 0.5 oz. #83-4000-0000, \$1.69
Elec. Silver Solder, Box 0.35 oz. #83-7145-0415, \$1.46
Kwik-Draw .050 Dia. 1.3 oz. #83-3000-0000, \$2.93
One pound spool of Core Size 66, Alloy 60 / 40, Dia. in. 0.031, Gauge 21. #24-6040-0027, \$13.60
One pound spool of Core Size 66, Alloy 60 / 40, Dia. in. 0.062, Gauge 16. #24-6040-0061, \$12.32
SP44 Rosin Paste Flux 2 oz. #83-0000-0144, \$3.18

ECG Chemicals

Jet Air Cleaner, 10 oz. #RX1100, \$8.55
Electronics Contact Cleaner, Degreaser & Wash, 20 oz. #RX400, \$11.59
Electronics Contact Cleaner w/ Lube, 5 oz. #RX500, \$8.26
Electronics Wash, 32 oz. #RX3200, \$6.99
Antistatic Circuit Refrigerant, 10 oz. #RX100, \$8.55
Heavy-Duty Flux Remover, 20 oz. #RX600, \$10.49



VICES



VACUUM TABLE VISE WITH STANDARD HEAD. Turns and rotates in all directions. 75mm jaws with protective detachable pads. Opening 70mm. With vacuum base: easy to mount on all flat surfaces, can also be mounted with screws. 5lbs. 7.3x6.2x6.2, #VTTV, New, \$24.50

TABLE VISE WITH STANDARD HEAD. Professional quality for this metal vise for table-screw mounting. Jaw opening 3.0". Rotates 270 degree. Equipped with a fast mounting system. Height: 12.0". 6 lbs sh. #VTTV2, New, \$29.00



ECG Soldering Irons



Electric Corded Soldering Irons. Each of the soldering irons listed below feature a long life tip (nickel-iron plated copper) and a cool grip rubber handle.
25 Watt - Tip temperature 464F, #J-025, \$4.90
60 Watt - Tip temperature 860F, #J-060, \$6.89

Electric Corded De-Soldering Irons, 45 watt, Temperature 788F, Long life tip. #J-045-DS, \$9.94



Butane Soldering Iron & Torch. 30 to 70 Watt performance equivalent to a corded soldering iron. Soldering temperature 410F to 750F (20 sec.). Torch temperature 2500F (instant). Operating time up to 30 minutes. 1 mm conical tip and torch attachment included. #J-500, \$19.56

Butane Heat Gun flameless. Temperature adjustable to 1400F.



Operating time up to 120 minutes. Automatic piezo electronic ignition. Deflector shield, rest/stand and spare orifice included. #J-900, \$46.57



Butane Soldering Iron Kit 25 to 80 Watt performance equivalent to a corded soldering iron. Operating time up to 120 minutes. 4-IN-1 use: Soldering - 410F to 850F (20 sec), Hot Knife - 410F to 850F (20 sec), Torch - 2500F (Instant), Heat Blower - up to 1300F (10 sec). Includes the following: Butane soldering iron, Protective cap with igniter, 1mm conical tip, Solder, Torch-tip, Wiping sponge, Hot blower tip, Stand, Hot knife tip, and Carrying case, #J-700KT, \$50.01

Butane Torch Micro-Jet. Features the following: Auto ignition, Child safety lock, Instant 2500F micro flame, Powered by a refillable butane cartridge (included). #J-300, \$12.40



Versa-Torch, Hand-held Butane Torch. Convenient, light-weight sturdy with removable base. 220 min. refillable butane gas tank. Torch temperature: 1300C/2500F. Piezo electric ignition. Adjustable air flow and gas flow control valves. Safety kill/off switch. #J-220, New, \$42.95

Tips & Accessories

1mm conical replacement tip for J-500 and J-700KT (iron and chrome plated copper pre-tinned). #JT-001, \$7.58

2mm chisel replacement tip for J-500 and J-700KT (iron and chrome plated copper pre-tinned). #JT-002, \$7.58

Heat blower and deflector tip for J-500 and J-700. #JT-003, \$8.27

Two pack butane replacement cartridge for J-300. #JT-004, \$2.48

Replacement conical tip for J-025 (nickel plated copper); 2 tips/package. #JT-101, \$1.13

Replacement conical tip for J-060 (nickel plated copper); 2 tips/package. #JT-102, \$2.15

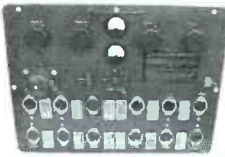
MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

Cell Phone Parts

CELLULAR PHONE PARTS BLOWOUT. We have available bag type cellular phones, dead, "as is". For parts/ experimenter use. These are older large cellular phones with many useable components for the radio experimenter or various electronic applications. These units contain filters, crystal oscillators, power amplifier, surface mount components. Microphone, speaker. Nice Extruded aluminum case: 5.7x1.2x6.3. #PH-CELL \$10; 4/\$30



Matched Meters & Rheostats



"Loaded" with prime "clean" parts for DC power projects! Panel includes:

- * 0-30 VDC METER.
- * 0-30 DC AMMETER.
- * 4 ea 50 MV SHUNTS.

* 4 RHEOSTATS: 2 ea 225 W 3 ohms, 2 ea 150 W 2 ohms. * 12 Circuit Breakers: 4 ea 32 VDC 8 amps 8 ea 32 VDC 20 amp. * 12 ea 1N1184 DIODES. * 4 ea 2.4" dia KNOBS and other parts. Panel is sold "less its On-Off and 4 STA selector switch. 18.8x23x6, 30 lb. #DAV-LCP, 2 for \$65.00 Manual Repro for above, #MM-DAV, \$10.00

Finger Stock

18" long x 1/2" ht strips of finger stock. Each individual finger has a width of 1/15" and a ht of 5/16".



#FS-18, Unused, \$6.95 ea; 4 / \$20.00

Experimenter's Paradise



Motorola Control Receiver???? Great experimenter item. We have seen them in the past in some cities at intersections and believe their purpose was to

intercept traffic signals when emergency vehicles needed to pass. Transistorized receiver covers 139.65 MHz with a five section preselector, crystal controlled oscillator and Vibrasponder™ tone detector which allows a SPST relay to be actuated by a tone in 600 to 800 Hz range. SPECIFY if tone-match required. Receiver is housed in a plastic protective case. Power required 24 VAC. Has internal transformer and power supply. 7.2" dia. x 6" Ht, 5 lbs sh. #15D82032, \$7.95 each 4 for \$25. #SCH-15D82032, Schematic Info, \$7.50

Control Receiver

Scientific Atlanta Power Control Receiver Model DCU-1051B-01-00-S Series DCU-G-1530. Originally used by power companies to allow radio control of power usage. The units have receivers in the 150 mhz range as well as a 6 VDC contactor rated for 240 VAC 30A resistive. They are programmable and will work on the General Electric code format and/or the SA-105. Power transformer 240 VAC secondary approx 6 Vac. The weather resistant plastic case with gasket and snap closure is excellent for outdoor projects. Has molded on wall mounting brackets. Internal dimensions 9.5x7.4x3, 5 lbs sh.



#DCU-1051B, Unused \$15.00 each; 3/\$33.00

Peltier Device



PELTIER THERMO-ELECTRIC COOLING MODULE 3A 15.4V 149F. Melcor type: CP1.0-127-06L. I max.: 3A. Delta T max.: 65°C. voltage: 15.4V. Q max.: 25.7W. Number of couples: 127. Size: 1.2" x 1.2" x 0.14". 1 lb sh. #PELTIER1, New, \$13.95

PELTIER THERMO-ELECTRIC COOLING MODULE 6A 15.4V 153F. I max.: 6.0A. Delta T max.: 67°C. Voltage: 15.4V. Q max.: 51.4W. Number of couples: 127. Size: 1.6" x 1.6" x 0.15". 1 lb sh. #PELTIER2, New, \$14.95

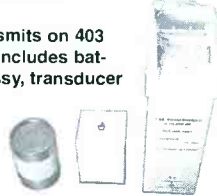


Radiosondes



VAISALA RADIOSONDE, ultra-light disposable transmitter (400 MHz approx) is designed to be carried aloft by weather balloon and transmit data for air temperature, barometric pressure and humidity to a ground station. Consists of circuit board, dipole antenna, and trailing wire. Requires 9 V battery. Cute experimenter item! 12.5"H as shown; 3 lbs sh. #RS80, NEW, \$9.95 ea; 5/\$42.50

Radiosonde mfg by VIZ, transmits on 403 MHz RDF modulated signal; includes battery and separate antenna assy, transducer polishing cloth, baroswitch pressure calibration chart, and instructions. 4.8 x 3.8 x 12.3, 4 lbs sh. #ML659, Unused, \$12.95



AMT-4 Radiosonde Modulator originally was raised by a balloon into the sky to measure atmospheric conditions. Comes w/ barometric unit only. Atmospheric pressure range 1060 to 5 mb(millibars) Resistive temperature element temperature +60 to -90 d C. With schematic. #MD-147, Unused, \$8.95

Newer version of above. No data, but expect the ranges to be about the same. #MD-210, Unused, \$8.50 Original manua AMT-4A. #MM-AMT-4A, \$15.00

Dehumidifier Control

HONEYWELL DEHUMIDIFIER CONTROL as used in home dehumidifiers. Plastic element tape senses humidity and "opens" normally-closed 120 VAC contacts; has variable control. 1.8x4.5x1, 1 lb. #H46A1103, unused, \$2.95



Mini Pump

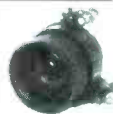


12 VDC IMMERSION PUMP, probably from auto/RV market; 3/8" dia outlet moves about 1 gallon/minute. Operates on higher voltages with increased

flow rate for short periods: @ 24 VDC, 1.5 gal/min; @ 35 VDC, 2 gal/ min. For non-flammable fluids only because fluid flows thru motor acting as lubricant. Use in fountains, solar water or science fair projects; 4"L x 1.5" dia, 2 lbs. #HAR-12V-IMP, NEW, \$6.95

Motorized Lens

MINOLTA MOTORIZED LENS, focal length 3 mm with 6 mm zoom assembly; probably used in copy machine. Front coated lens diameter 60 mm; rear 15 mm. Focus and zoom mechanism each has small DC gear motor which operates at about 30 RPM @ 5 VDC or 60 RPM @ 10 VDC. 5.5x5.5, 3 lbs sh. #LENS-36-98, unused, \$20.00; 3 / \$50.00



Sterilizer



M-49 EasyClave Sterilizer. Displays messages and uses audible "beeps" to indicate the status of a cycle. Also displays error messages and uses audible "beeps" to indicate malfunctions.

Automatically initializes the on-board computer and runs a self-diagnostic test when the unit is plugged in. Preheats the chamber of the sterilizer for 90 minutes after each sterilization cycle to allow for "quick start" cycles. 20.7x15x15.6, 84 lbs sh. #M-49, Used, \$1595.00

X-10 Controller

Leviton Manual Controller. Used to control light and appliance modules. Compatible with Radio Shack and Home Safe remote devices. Can control 256 "X10" device codes. Unit has 16 Unit Code Buttons. Also, has 6 Command Keys: On, Off, Bright, Dim, All Lights On, and All Off. The controller is equipped with a key-operated lock-out switch that can be set in the "ON" or "OFF" position. The controller will transmit command signals to modules in your control system only if this switch is keyed to the "ON" position. Key pad mounted in sturdy steel case. Requires 120VAC 60Hz. 8.3x6.7x4.5, 7 lbs sh.



#X10-6242, Unused, \$9.95 ea, 2 / \$18.00, 4 / \$32.00

Weaver D6 Scope



Quality 6 power scope fits common rifle mounts.

Unfortunately scope is without cross-hair. Still a nice low-cost spotting scope! 12.3" long, 2lbs. #SCOPE-D6-U, Used, \$7; #SCOPE-D6-UN, New, \$12

Grab Box

ASSORTMENT of used and unused commercial and government electronics parts such as assemblies, motors, coils, transformers, chokes, circuit boards, capacitors, resistors, and other usable items. Packed in 50 lbs cartons: #GRAB-ASST, \$12.00 ea; 2 / \$21.00



Allow for shipping charges!!

Pressure Blow Gun



ARO Pressure Regulated Air Blow Gun. Has a primary pressure of 250 PSI and a secondary pressure of 29 PSI. Temperature Range is 32 to 175 degree farenheit. Designed only for compressed air. 2 lbs sh.

#ARO-8338, Unused, \$6.95

Electronic Ignitor

Fenwal Automatic Electronic Ignitor. Input 12 VDC. This looks like an ignitor for an oil furnace as it puts out a HV spark. Maybe neat for experiments. BE CAREFUL. 5.25 x 4.75 x 3 overall. 3 lbs sh.



#05-159901-003, Unused, \$9.95 each

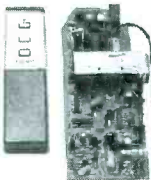
PLACE YOUR ORDER OVER THE WEB AT FAIRRADIO.COM

Hydrophone



U S Navy NT-51038 Hydrophone, unused in wood box. Frequency range 1 - 20000 hz with eight Rochelle Salt Crystal doublets, each about 3 x 2 x 1 inch. Matching transformer for 25 ohm output. Rubber casing with castor oil immersed crystals approx 56 inches by 2.5 inches in diameter. The castor oil was used to couple the crystals to the water. Castor oil has deteriorated. Nine foot cable with two steel strain wires and two signal wires. A great experimenter item with a potential for listening to fish ???, boats, ships etc. Unused old stock in wood box. 29 lbs sh. #NT-51038, \$35.00

Remote Controls



EMERSON MULTI-FUNCTION REMOTE CONTROL SET, intended for use with ceiling fan & light, but receiver circuit board and push-button remote transmitter should adapt to experimentation and your projects. Originally one button brightened light and other two controlled speed of special AC motor

(not available). Circuit board outputs to motor are fixed voltages with sequence and voltage dependent upon positions of four switch DIP code switch. Sixteen codes possible; remote actuates sequence. Receiver is not isolated from power line so extra care is necessary when working with this device. Transmitter requires 9 V battery (not supplied). Hook-up info included; #RC-5100/1, new \$15.00

Neoprene Gloves

Stanzoil Knit-Lined Neoprene Gloves. Multi-purpose chemical, abrasion and temperature resistant liquid-proof hand protection with durability and flexibility. Soft interlock knit lining insulates from heat and cold, absorbs perspiration, and provides easy on/off. Neoprene coating resists a broad range of chemicals. Non-slip "roughed" grip. Mfg by MAPA Professional.



New, \$4.50 pair; 4 pair for \$12.00

Please specify model number when ordering. Sizes available:

Small: #S-432; Medium: #M-420
Large: #L-408; Extra Large: #XL-348

Teletypewriter



AN/UGC-129 Tactical Teletypewriter, full duplex teletypewriter has 16K RAM and QWERTY keyboard with Edit, Mode Select, and Memory. Printer speed 120 CPS: 69-80 character line, single or double

line feed. 64-character ASCII subset; ITA5 or Baudot codes. 8 baud rates 45.5 to 2400. Uses paper rolls 216 mm W x 127 mm dia friction feed, single or multi-copy. Requires 115/230 VAC 47-400 Hz; connectors not available. 9.5x15 x18.5, 52 lbs. #UGC-129, Used reparable, \$49.50
Manual repro f/ later model (useful), #MM-UGC-129, \$35 w/ set

Military Badge

Dark navy blue background with gold color "wings and propeller". 3" diam-eter. Unused, #B-3, \$3.00



Gun Sight



Military Optical Gun Sight. No information on this sight. No part numbers. It has a 4 inch lens that looks like it fits into a fixture. Eyepiece with focus ring, but because this is not a complete system we are unable to focus on anything. See fairradio.com/optic.htm for more photos. 10.5x10.9x7, 2.5 lbs sh. #GUN-S, Used good condition. \$175.00

Calling Card Timer



TELECOSTER I TELEPHONE METER, Ideal for keeping track of the minutes expired on your calling card or for keeping "tabs" on the length and costs of long-distance phone calls. Initial and secondary rates/period are programmable using the numeric plus 6-function keyboard. LED display shows cost/period plug elapsed time hr-min-sec. Also display flashes 15 sec before rate change and has X60 speed-up time so maximum acceptable charges can be determined before call. In sturdy, beige plastic case. Requires 115 VAC 60 Hz; 2 lbs sh. #TELECOSTER1, Unused, w/ info, \$8.00; 3 for \$15.00

Barcode Reader

TransTerm 5" barcode reader by Computerwise. Model #TT5a-28, still shown on their webpage. Unit has two line display and RS-232 output. No software, but there may be some compatible shareware. The units pass self test. Unit has membrane keyboard and unit is well sealed. Includes keyboard, high quality metal wand, transformer, and info. 1.8x7x6.1, 4 lbs sh. #TT5a-28, Used, \$24.50



Copperclad Board

Copperclad Board for making printed circuit cards. Phenolic backed; 0.07" thick, 1 lb #PH-4x18, 4"x18", \$.75; 4/\$2.50; 10/\$5.00

Ring Magnet



3.5" dia x 5/16" thick MAGNET with 1.9" dia open inner circle lifts about 8 lbs. 5" dia metal casing has mount flange to protect and isolate magnet; two wires attach to spring-loaded contacts. Use as magnetic antenna mount or in robotic, audio or science projects; 2 lb #MAG-S91, \$3; 5/\$10

PSS-11 Metal Detector

(Polan P153) transistorized unit uses 2500 Hz signal in mutual inductance bridge circuit to detect metal objects that cause an imbalance in the 9"x11" search head's magnetic field; disturbance is heard in operator's headset. Handle adjusts 29"-57" L. Also control pack with canvas bag & 7.3x24.5x16.5 transit case. Requires 7.3 to 10.8 VDC battery (BA-1389 5.1"Lx 0.6" dia) 35 lbs. #PSS-11, Used-not tested, \$75.00; Manual repro, #MM-PSS-11, \$10.00



60 Second Timer

RHODES 60 SEC TIMER, times from 2 to 60 seconds; bell signals time elapsed. 3" dia plastic case; 1 lb. sh. #56414, NEW, \$2.50 each.



Ritchie Compass



Ritchie Compass RU-90 has 5 degree increments. High-visibility blue 3" dial with extra large numerals. Flush mount sailboat racing style. Has 45 rubber lines and internal gimbals. Black in color. 4 lbs sh. #RU-90, Unused, \$125.00

Aircraft Sextant

Sextant w/ periscope used in larger military aircraft to determine nightflight position relative to the stars. Has eyepiece with cup to view through right angle periscope with bubble level. Controls increase bubble size and adjust lens diffuser plus filters red, green & polarized. Also mechanical timer, 3-digit 100-turn counter dial, & transit case. Requires 28 V AC-DC for lights; 8"Wx13"Hx5.3"D, 23 lb #MS28011-1F, used w/ fiberglass case, \$59.50 #MS28011-NB, used, no case, no bubble, \$29.50



Aircraft Gyros



LEAR 3-AXIS RATE SENSOR with three #2157HB rate gyros; 3.4x6.4x6, 9 lbs sh. Lear mfg. #2162C, \$175.00



CN-708A / GG53A1 Vertical Gyroscopic. Gyro Motor: 115V 400Hz single or three phase. Erection Motor: 26, 30, or 115V 400Hz. Synchro Pickoffs: 26V 400Hz input. 11.8V 400Hz line to line output. Caging Circuit: 28VDC. Outer Axis Rotation: unlimited. Inner Axis Rotation: +/-85 degrees. Erection Rate: 2 - 5 deg/min. Accuracy: 0.15 degree of true vertical. Synchro Accuracy: +/-6 min. Pictured with removed top cover. 9.6x6x5.3, 10 lbs sh. #CN-708A, Used, \$49.50

Auto Brake Light



AUTOMOBILE BRAKE LIGHT, 5.5" W x 2.8" H red lens on black plastic stand; top swivel adjusts light angle. German mfg; o/a 7.5"H 2 lbs. #BL-G10005, NEW, \$2.95; 4/\$10.00

Choke Cable

Six foot choke cable with knob with 2 inch pull. 2 lbs shipping. #CHEX-CBL, \$5.00



Auto Test Sets

HEYER AUTOMOTIVE TEST SETS from the 1950's with 4.5" chrome-rimmed meters! Nice addition to a car collector's display or for experiment! Not Tested!

MODEL 337 TACH / VOLTMETER, ranges 0-1000 & 0-5000 RPM and +/- 0-18 VDC. Amplifier button plus socket for timing light. With tubes 0A2 & 2D21; 6 or 12 VDC use. 13x5x5, 9 lbs. #AUTO-337, Unused, \$24.95

MODEL 336, same as 337 except also has Spark Advance Meter with 0-30 Distributor degree and 0-60 Crankshaft degree scales. With tubes 2/ 0A2, 2D21, 6AL5, 6AU6, .5696; 12 lbs. #AUTO-336, Used, \$27.95

TV / FM Attenuator

75 ohm TV/FM Attenuator by Blonder Tongue Labs stock #4890. 0-890MHz with two F connectors and adjustment for attenuation. #4890, Used, \$8.00



EMAIL US YOUR INQUIRIES AT FAIRADIO@WCOIL.COM

DC Voltmeters

FS=2 VDC, 0-20/80 MA scale; 2.5" rd sealed. #VDC-2, Used, \$5.95

FS=5 VDC, scale 0-1.5 A & 0-300 MA; 2.5" rd. #VDC-5, Used, \$5.00

FS=5VDC, 0-5/0-10maDC, 3.5" rd, #S00-5V, Used, \$12.00

ES=5VDC, 5-0-5/10-0-10maDC, 3.5" rd, #S00-5-0-5V, Used, \$13.00



DATA TECH 0-20 VDC DIGITAL PANEL METER, uses Sperry 7-segment 0.5"H readouts. 10

meg ohm imped.; auto-polarity, OVP. Requires 115 V 60 Hz. Units have "weak" displays and/or "bad" segments. 1.9"Hx4"Wx5.5"D, 3 lbs. sh. #5313-220, "AS-IS", \$10.00

POLARAD Mfg. FS=100 V DC, 0-100-500 scale, 4"W x3.8"H. #M2/TV13, \$8.95

FS=150 VDC, 0-1500-5000 sc. 4"Wx3.8"H. #M4/TV-13, \$8.95

150-300 VDC expanded scale, 4 1/2" rd, black face, Weston 760, 500 ohm/Volt, #VDC-300, Unused, \$10.00

0-20 KV, FS = 1 MA; 2.5" rd black, #VDC-20KV, Used, \$7.00

High Voltage DC 3 1/2" round panel meters removed from equipment. Each panel meter listed below comes with the associated large multiplier resistor creating full scale indication as shown below.

0-1KV, #S00-1KV, \$17.95
0.9-3.4KV, #S00-3.4KV, \$18.95

Analog DC Voltage Panel Meters, New, \$8.95 ea.

15V, 2.4"x1.9", #AVM6015
15V, 2.8"x2.4", #AVM7015
30V, 2.4"x1.9", #AVM6030
30V, 2.8"x2.4", #AVM7030

AC Voltmeters

0-2 VAC, 2 1/4" rd white face, Non-linear, #VAC-2, used, \$4.95

VTVM Meter 1-10 VAC scale expanded with 3.5 V centered; also 0-20 DB. 4.5" rd. #0899, Unused, \$6.95

Analog AC Voltage Panel Meters, New, \$8.95 ea.
150V, 2.4"x1.9", #AVM60150
300V, 2.4"x1.9", #AVM60300

Shunts

FS=50mv:
30 amps, 1.3x2x1.7, #SH-30, Used, \$6
200 amps, 1.4x6x0.8, #SH-200, Un, \$4

High Current Weston DC Generator Shunts. 50mv. Used, minor corrosion.

400 amp 4 lbs. #SH-400, \$25.00
500 amp 3 lbs. #SH-500, \$25.00
800 amp 4 lbs. #SH-800, \$25.00
1000 amp 9 lbs. #SH-1000, \$35.00
2000 amp 13 lbs. #SH-2000, \$40.00

DC Micro Amps

FS=50 UA DC, scale -30 +150 w/ "O" center; 2.5" rd sealed. #TRC30150, \$4

FS=100 UA DC, sealed 3.5" rd, Red-Green-Red, #UA-100, Used, \$6.00

ES=100 UA, 0-center Null scale; 2.5" rd. sealed. #UA-100-ES-2.5, Used, \$6.95

ES=100 UADC, 3.5" rd, Scale -10 to +10 %, Black face, #UA-100-ES-3.5, Used, \$6.00

0-200 UADC 2.5" round. White face. Used, #UA-200, \$9.50

ES=375uaDC by Triplett, 15-0-15 scale, 4"H x 4.5"W, #52-4162, Unused, \$12.00

500-0-500 UA DC; 3.5"W X 3"H HOYT mfg. Scale: -50/-100-0-+50/+100 maDC, -25-0-+25 VDC. #UA-500-ES, Unused, \$9.95

DC Milliamps

FS=1maDC, Marked Amperes, Volts, and AC. 0-5/120/30 scale. 3.6"W x 3.3"H, Mounts in 2 1/4" hole. #2168, Unused, \$15.00

ES=1maDC, 100-0-100 scale, 2.5" RD, A&M Instruments. #265-097, Unused, \$12.00

FS=5 MA DC, 0-150 VDC scale 3.5" sq. #MA-5, Used, \$6.95

FS=25 MA DC, 0-25/100/200 scale; 2.5" rd. #MA-25, Used, \$5.95

10-0-10maDC by Simpson, 4"H x 4.5"W, Mounts in 2 3/4" hole. #5272, Unused, \$12.00

100-0-100 MA DC, 3 1/2" rd Weston 301, #MA-100-ES, Used, \$5.95

150-0-150 MA DC, 3.5" round Simpson. #MA-150-ES, Unused, \$7.95

Analog DC Current Panel Meters, New, \$8.95 ea.
50mA, 2.4"x1.9", #AIM6050
100mA, 2.4"x1.9", #AIM60100
500mA, 2.4"x1.9", #AIM60500

DC Amps

EDGEWISE METER 0-8 A DC; 1.9"W x 3/4"H; #D2588, \$7.00

FULL SCALE = Indicated:
ES=45 ADC, 2.2" rd, Automotive, Black face, #ADC-45-ES, \$8.00

FULL SCALE = 50 MV:

0-15 ADC 3.5" rd black, #ADC-15, \$7.00

0-30 ADC 2.5" rd, used, #ADC-30, \$6.95

0-500 ADC 4.0"Hx 4.5"; Mfg by Weston. #ADC-500, Used, \$10.00

Analog DC Current Panel Meters, New, \$8.95 ea.

3A, 2.4" x 1.9", #AIM603000
10A, 2.4" x 1.9", #AIM6010A
5A, 2.4" x 1.9", #AIM605000
5A, 2.8" x 2.4", #AIM705000
30A, 2.4" x 1.9", #AIM6030A

AC Amps

FS = 5 amps AC; transformer required for indicated scale (not available):

0-125 A, 3.5" dia. #ACA-125, \$9.00
0-150 A, 2.5" dia. #ACA-150, \$8.00

0-100-200 AC AMPS FS=5 A GE-YOKO 2.5" sq. #ACA-200, \$8.95

Various Meters

----- DB METER -----

-4-0-+6 DB 1 MW, FS= 1 MA; 2.5" rd sealed, #DBM-4-6, Used, \$4.00

-6-0-+3 DB, FS=200 ua 2.5" rd sealed; #DBM-6-3, Used, \$4.95

-- METER ASSORTMENT --

Seven U.S. mfg meters 2 1/2" x 3 1/2" - up; mixed odd scales, FS-100 ua and up-- no choice; 3 lbs sh. #MTR-ASST, \$10.00

- I-70 B TUNING METERS -

"Tune for Max" meter used in many WW-2 radio remote control boxes such as BC-311, BC-434 & C-4/ARN-7; 2.1x2.1 x1.6, 1 lbs. #I-70B-TM, Used, \$10.00

- ART-13 PLATE METERS -

Original PA Plate Panel Meter from the ART-13 transmitter. Full Scale equals 1maDC. 2 1/2" round. Black face. Used condition, #PMTR-ART-13, \$20

- REED FREQ METER -

60 / 400 HZ REED FREQUENCY METER two reeds--one 60 Hz, one 400 Hz-- vibrate when freq approached. Use a 20K ohm resistor for 115V operation. 2" dia; fit 1.5" hole. #FM-TS382, used, \$9.95

Galvanometers

Used in test bridges to indicate slight variations in current; 1 mm increments:

LEEDS & NORTROP
10-0-10 scale, sens 0.1 ua/mm. CDRX 10K ohms; 500 system res. Period 4 sec; w/ Balance "lock". Behind panel: 4"D x 1" dia; front 3"H. #18876, New, \$25.00

GALVANOMETER 15-0-15 scale, sens 1 ua/mm. Meter coupled to mirror for photo-optic read. No Balance "lock". Behind panel 3"D x 2" dia; front 2.5" di, 2lbs shipping. #GALV-726667, \$18.00

KW Hour Meters

KiloWattHour meters 240 volt 60 Hz single phase 4 dial. Monitor power to your out buildings or campground. Removed from use, good condition. An interesting item to build into a lamp base. You could probably modify it to make in run on the lamp current. 8 lbs sh. Used.

Westinghouse Rr 138 8/9 240 v 60 Hz 3 wire 30 amps 7.2 kh. #2P2G6, \$30.

Duncan Form 2S, Rr 138 8/9, 240 v TA 30, Kh 7.2 3W. #200CL-MS, \$29.00

Duncan MQ-S Form 2S Rr 83 1/3 240 v 60 Hz 3W TA 30 12 kh. #200CL-MQ-S, \$28.00

Current Xformer



Current Transformer, 130/5 ratio, 2.5VA, 50-400Hz, 15/16" diameter hole opening. O/A 2x2.5 x3.1, #TR-2.5, Unused, \$6

RF Thermocouple

RF Thermocouple ARC-7499 as used in RE-2/BC442 ARC-5 antenna relay. Bridge type 19.5 +/- 1.5 mv 750 ma. Use for replacement on experiments. #ARC-7499, Unused, \$5.00



Pressure Gauges



0 to 15 PSI Pressure Gauge by USG. 2.1" round with 1/8" fitting and brass coupling. #PS-15, Used, \$7.95

0-60 PSIG & 0-4 KG/CM; 2.1" rd w/ 1/2" dia fitting. #PG-60PSI, NEW, \$5.50



DURAGAUGE 7.5" 0 TO 300 PSI PRESSURE GAUGE. 1 PSI graduations. Quality metal construction. Face is 5.5" dia. with 3/8" fitting on back of gauge. Mounts on reg flange. 5 lb sh. Ashcroft "r", #PG-300, unused \$29.95

PRESSURE REGULATOR 0 - 500 PSI. Seems to be a quality unit, but no mfg. or country of origin on the unit. 2.5x1.8 x3.3, 2 lb sh. #PR-500, \$5.00



0-6000 PSI 4" dia 270 degree scale; 7/16" di fitting. O/a 6" dia. #M6000-PSI, Unused, \$14.00

Water Gauge



3 1/2" Round Gauge reads negative 80 thru positive 80 "Centimeters of Water" in increments of 2. Has 1/8" threaded hole on

back. Made by Marshall Town. #92361, Unused, \$7.50

Running Time Ind.

3 1/2" Round Running Time Meter by Cramer Division Type 635EAA. Requires 115VAC 60Hz at 2.7 watts. Reads upto 999,999 hours. Reads in one hour increments only. Does not read in tenths. 3/10 RPH. 3" depth. Comes with mounting hardware. #RTM-115, Unused, \$19.95



Same as above except 440VAC 60Hz and reads upto 99,999 hours, #RTM-440, Unused, \$14.95

12VDC Counter

6-Digit Mechanical Counter 12 VDC nonresettable; black numerals on white. Rear mount flange; o/a 1.3"Hx1.5"Wx2.5"D, 1 lb. #E07B10DC12, New \$2.95 each; /\$10

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500 MHz H-P Counter



HP-5345A ELECTRONIC COUNTER, solid-state 9-digit plug-in type measures DC to 500 MHz channels A &

B without any plug-in. Function Select: Plug-In, Freq A, Period A, Time Int A to B, Ratio B/A, Start Stop. Channel controls 50 or 1 M ohm input, x1/x10 Atten, AC-DC, and Level. Requires 100/120/220/240 VAC 48-66 Hz; 5.3x 16.8x19.5, 42 lb sh. #HP-5345A, Used-reparable, \$250.00

HP-5328A ELECTRONIC COUNTER, solid-state modular design; counts upto 512 MHz on 9-digit



LED display. 10 MHz reference oscillator, input for external freq-standard. Universal 100 MHz Module controls Channels A & B functions LEVEL, AC-DC select, ATTEN 1-10-100, and Marker output. Sensitivity 25 MV to 40 MHz; 50 MV 40-100 MHz. Channel C module provides 5-512 MHz range, 15 MV rms sensitivity. Trigger fixed; 50 ohm impedance. With Option 011 HP-1B computer interface & manual repro. Requires 100/120/220/240 V 48-66 Hz; 3.5x 18.5x19, 28 lbs.

#HP-5328A-UR, Used-Reparable, \$195.00

#HP-5328A-CH, Checked, except for HP-1 computer interface, \$450.00

18 GHz Counter



HEWLETT-PACKARD 5340A FREQUENCY COUNTER, covers 10 Hz to 18 GHz with auto-

matic amplitude discrimination feature allowing counter to select largest signal in 250 MHz-18 GHz spectrum. Has 8-digit display. Sensitivity -30 dBm, 10 Hz-500 MHz; -35 dBm 500 MHz-10 GHz; -25 dBm 10-18 GHz. Input impedance 50 ohms; 10 MHz crystal time base. Has Self-Check and N and BNC input connections. Requires 115/230 VAC 48-66 Hz; 3.5x 16.8x18.8, 31 lbs sh.

#HP-5340A, Used-Checked, \$1095.00

HP-5245L Counter

HP-5245L COUNTER, 7-digit predecessor of 5345A; measures upto 50 MHz without plug-ins. 100 mv sensitivity; gate 1 usec to 10 sec in decade steps. Units at least "test" count. 5.3x16.8 x18.3, 34 lbs sh.



#HP-5245L, Used-Reparable without plug-in, \$69.50

Manual repro, #MM-HP-5245L, \$20 w/set purchase.
#HP-5253B Plug-in, 50-500MHz, \$50.00
#HP-5257A Transfer Osc. plug-in, 0.05-18 GHz, \$150

H-P Microwave

HEWLETT-PACKARD, 5 lbs sh. Used:



G532A, 3.85-5.85GHz, \$195.00
J532A, 5.3-8.2 GHz, \$195.00
P532A, 12.4-18 GHz, \$195.00
R532B, 26.5-40GHz, \$195.00
X532B, 8.2-12.4GHz, \$195.00
536A, 0.94 - 4.2GHz, \$50.00

VARIABLE MICROWAVE ATTENUATORS: 15 lbs

J382A, \$195; X382A, \$50



DIRECTIONAL COUPLERS: 2 lbs sh.

G752C, \$99 H752D, \$125
J752D, \$125 P752C, \$99
X752D, \$99 P8477A, \$150
Omega 3315E, \$95.00

X910B Termination, \$20.00



Test Equipment Blow Out!!

All test equipment listed below is used reparable

ALLISON LABS HP LO FILTER \$135.00
BALLENTINE 323 TRUE RMS AC VOLTMETER \$65.00
BELL&HOWELL TSC-2000 SYSTEM CALIBRATOR \$395
BERTAN 205A-10 10 KV POWER SUPPLY \$175.00
BERTAN 210-05R 5 KV POWER SUPPLY \$285.00
BOONTON 230 SIGNAL GENERATOR
POWER AMPLIFIER \$175.00
BOONTON 74D CAPACITANCE BRIDGE \$150.00
BOONTON 75A-58 CAPACITANCE BRIDGE \$150.00
C340A2 C340A1 C344A C301 6625-00 3185425 \$400
COMMUNICATIONS TECHNOLOGY C-9955
SPLICERS TEST SET \$100.00
CUSHMAN CE-21 FREQ SELECTIVE LEVER MTR \$175
DAVEN RES DECADE 1111.0 \$75.00
EATON NM-65 EMI FIELD INTENSITY MTR 1-14GHz\$1400
EDC 501 PROGRAMMABLE VOLTAGE STANDARD \$75
ELECTRO METRICS INTERFERENCE EMC25MK III
10KHZ-1GHZ \$250.00
ELECTRO METRICSCRM-25 METERING MODULE \$125
ELECTRO METRICSSPD-125 SPECTRUM DISPLAY
W/PP125 AND DUMONT 74-14 TIME BASE \$150.00
FLUKE 332B DC VOLTAGE STANDARD \$450.00
FLUKE 332D/AB VOLTAGE STANDARD \$495.00
FLUKE 343A DC VOLTAGE CALIBRATOR \$325.00
FLUKE 405AB HIGH VOLTAGE POWER SUPPLY \$295.
FLUKE 752A REFERENCE DIVIDER \$225.00
FLUKE 7600A SCANNER \$50.00
FLUKE 760A METER CALIBRATOR \$395.00
FREED TRANSFORMER 1620R MEGOHMMETER \$165.
GR 106G 1 MHY STANDARD INDUCTANCE \$75.00
GR 107K Variable inductor .299 MHY \$95.00
GR 107M Variable inductor 29.6 MHY \$95.00
GR 107N Variable inductor 286 MHY \$95.00
GR 1263C AMPLITUDE REGULATED POWER SUPPLY\$75
GR 1396B TONE BURST GENERATOR \$125.00
GR 1651A BOLOMETER BRIDGE \$75.00
GR 219M DECADE CAP .0 .01 .001 UF \$75.00
GR 602F DECADE RESISTANCE 111.0 OHMS \$60.00
GR 670F 111.0 OHMS COMPENSATED DECADE
RESISTOR \$70.00
GR 716C CAPACITANCE BRIDGE \$150.00
HAYDON TDR TESTER S233 \$69.50
HONEYWELL RUBICON 2730 POTENTIOMETER \$85.
HP-1200B 100 UV DUAL TRACE \$195.00
HP-1206B OSCILLOSCOPE \$150.00
HP-211B SQUARE WAVE GEN \$75.00
HP-214A PULSE GEN \$150.00
HP-2590B MICROWAVE CONVERTER \$125.00
HP3211A SWEEP OSC W/3221A 3216 30-70 MHZ \$195.
HP-3310A FUNCTION GEN \$125.00
HP-3310A FUNCTION GEN \$100.00
HP-3312A FUNCTION GEN \$175.00
HP-3403C TRUE RMS VOLTMETER \$125.00
HP-3437A SYSTEM VOLTMETER \$100.00
HP-3465A DIGITAL MULTIMETER \$125.00
HP-3495A SCANNER 150.00
HP-3575A GAIN PHASE METER \$375.00
HP-3710A IF 1BB TRANSMITTER \$175.00
HP-4204A 10HZ-10MHZ Digital OSCILLATOR \$250.00
HP-431C POWER METER \$75.00
HP-4437A ATTENUATOR \$99.00
HP-4815 VECTOR IMPEDANCE MTR NO PROBE \$295.
HP-5036 Microprocessor Lab in case \$175.00
HP-5180A WAVEFORM RECORDER \$450.00
HP-525C CONVERTER \$25.00
HP-5315B 100 Mhz Universal Counter \$175.00
HP-54600A OSCILLOSCOPE \$600.00
HP-6130B DIGITAL VOLTAGE SOURCE
=/- 50V 1 AMP \$250.00
HP-746A HV AMPLIFIER \$225.00
HP-8002 PULSE GEN \$95.00
HP-8012 PULSE GENERATOR \$125.00
HP-8402B CALIBRATOR \$75.00
HP-8614A SIGNAL GEN .8-2.4GHZ \$300.00

HP-8616A SIGNAL GEN 1.8-4.5GHZ \$325.00
HP-8620C SWEEP OSC \$225.00
HP8690 W/8658B 0.4-110MHZ SWEEP \$295.00
HP-8708A Synchronizer \$125.00
HP-8743B P/O REFLECTION TRANSMISSION TEST
UNIT 2.0-12.4 GHZ \$295.00
HP-8900B PEAK POWER CALIBRATOR \$95.00
HP-940A FREQUENCY DOUBLER \$150.00
KRON HITE 4141R Oscillator \$225.00
L&N 4385 SHUNT BOX \$75.00
L&N 7592 VOLT BOX \$95.00
L&N 1087722 .10000 OHM VOLTAGE DIVIDER \$125.
L&N 2665 AYRTON SHUNT \$95.00
L&N 4232 GUARDED WHEATSTONE BRIDGE \$100.
L&N 8691-2 MILLIVOLT POTENTIOMETER \$150.00
L&N 8692 TEMPERATURE POTENTIOMETER \$150.
L&N 8693 TEMPERATURE POTENTIOMETER \$150.
MARCONI Modulation Meter TF2300B \$225.00
MARCONI TWELVE CHANNEL FM7816
NOISE GENERATOR \$145.00
MCMARTIN TBM-1100R VHF RECEIVER \$145.00
MONROE ELECTRONICS ISOPROBE
ELECTROSTATIC VOLTMETER 144S-4 \$350.00
MOTOROLA T1034B FM SIGNAL GENERATOR \$145
NH RESEARCH SF2276 2 PHASE SINE WAVE
WHEEL SUPPLY \$200.00
NORTH ATLANTIC 214C Phase Angle \$395.00
NORTH ATLANTIC 225 Phase Angle \$275.00
NORTH ATLANTIC 321A Phase Angle Voltmeter \$200
NORTH ATLANTIC VM204 Phase Angle Voltmeter \$175
POLARAD 1107A 3.7-8.4 Ghz SIGNAL GENERATOR \$300
POLARAD 1108 7-11 Ghz SIGNAL GENERATOR \$325
POLARAD CA-S 2.14-4.34 KMZ HORN \$160.00
POLARAD VECTOR ANALYZER ZPV \$750.00
PRECISION CALIBRATION KIT WR137 5.85-8.20GHZ
C7005 w/ C313 C103C-5 2/C209C1 C340A2
C340A1 C344A C301 6625-00 3185425 \$400.00
RFL 829G AC/DC CALBRATION STANDARD \$795.00
ROCKLAND 852 DUAL HI/LO FILTER \$495.00
SIMPSON GENSCOPE SIGNAL GENERATOR
W/ OSCILLOSCOPE \$145.00
SINGER STODDART NM-17/27 EMI FIELD
INTENSITY METER \$995.00
SUNAIR GSB-900RU RECEIVER NO CONTROL \$495
TEK 190B CONSTANT ANYLITUDE SIGNAL
GENERATOR \$125.00
TEK 434 STORAGE OSCILLOSCOPE \$225.00
TEK 575 TRANSISTOR CURVE TRACER \$295.00
TEK TSG3 PLUG-IN'S FOR TEK 1410 \$150.00
TEXSCAN RS-50 SWEEP GEN 0-500 MHZ \$175.00
TEXSCAN VS-50 SWEEP GEN 0-500 MHZ \$175.00
TINSLEY INST CANADA RESISTOR SHUNT 0.01
OHM 100 AMP \$40.00
TRACOR 599 Tracking Receiver 599-303 AGC Phase
599-204 Receiver 599-502 Power Supply \$495.00
TS-1775 RELAY TEST SET \$45.00
TS-419 SIGNAL GENERATOR 850-2100 MHZ \$165.
TS-488 X BAND ECHO BOX \$250.00
WAVETEK 1018B LOG/LIN RF PEAK
POWER METER \$695.00
WAVETEK 1062 1-500 MHZ SWEEP GEN \$350.00
WAVETEK 154 PROGRAMMABLE
WAVEFORM GENERATOR \$175.00
WAVETEK 157 PROGRAMMABLE WAVEFORM
SYNTHESIZER \$225.00
WAVETEK 159 FUNCTION GENERATOR \$375.00
WAVETEK 180 SWEEP FUNCTION GEN \$150.00
WAVETEK 2001 1-1400MHz Sweep
Generator \$375.00
WAVETEK 278 Function Generator \$325.00
WAVETEK 750 Phase Meter 10HZ- 2MHZ \$395.00
WEINSCHEL ENG 1810A STABILIZED RF
RATIO METER \$295.00
WJ FDM DEMODULATOR \$395.00

MANY ITEMS NOT LISTED - TELL US YOUR NEEDS

Power Meter



MODEL DPM-3 RF POWER METER, has 50 and 150 watt ranges and converts the frequency range of 30 to 600 MHz. Type N connection for input, air cooled, 50 ohm impedance. Power reading shown on 3.5" diameter FS=200 ua metr; 7.5 x 5.5x16.5, 9 lbs sh. #DPM-3,

Used checked, \$99.50

URM-120 Wattmeter

URM-120 Wattmeter measures incident & reflected RF from 10 to 1000 watts over 2 to 1000 MHz. Uses three plug-in coupler elements CU-753 (2-30 MHz, 50-100-500-1000 W), CU-754 (25-250 MHz, 10-50-100-500 W) and CU-755 (200-1000 MHz, 10-50-100-500 W) that fit TS-1285* meter. Max-insertion VSWR 1.08 (1.05 for CU-754/755, 500 W range). Power selectable on each coupler. TS-1285* has 3.5" dia meter, 0-10-50 W scale and N conn. W/transit case & manual. 5x4.8x7.3, 20 lbs

#URM-120, (TS-1285 etc), used-reparable, \$175.00



ME-82/U Wattmeter



Wattmeter for 50-600 MHz range 120 watts at 52 ohm input. Has non-linear scales 0-120 W 2.5" dia meter & C connection. 5.8x6.8 x13.5, 17 lb. #ME-82, Used, \$65.00

Dummy Load

DA-189/GRC Dummy Load, portable 50 ohm unit operates over 600 to 1850 MHz range @ 40 watts max. Output indicated on 3.5" dia meter; "C" input connection. 4x4x10, 9 lb. #DA-189, Used, \$40.00



Line Tester



VOLTS, FREQUENCY, POLARITY INDICATOR, handy safety item allows "quick" test of an unknown electrical line to determine its general characteristics. "Glow" lamps show Volts 28, 115, 250 DC/220 AC, 500 DC/440 AC; Frequency 60 or 400 Hz; Polarity red-black

Negative when red & black probes are inserted into line. 2.8x5.4x2.5, 2 lbs. shipping. #AUL1604, Unused, \$15.95

Voltage Tester

Voltage Tester by Ideal. Tester checks for 110 to 550VAC; 110 to 600VDC; 25 to 60Hz frequency; Identifies AC or DC; Checks circuit continuity; Determines DC polarity; Finds blown fuses, grounding and leakage. Comes with the test leads featuring safety shield prod tips. 1.5x2.4x6.4, 3 lbs sh. #61-067, Unused, \$20.00



Value Priced Multimeter



MINI 3 1/2 DIGIT DMM - 19 RANGES. Automatic polarity indication. Diode and transistor (hFE) test. DC voltage: 200m/2000m/20/200/500V. AC voltage: 200/500V. DC current: 200µ/2000µ/20m/200m/10A. Resistance :

200/2000/20k/200k/2000k. Basic accuracy : ±0.8% (±1.0% for 2000k range). Low-battery indication. With manual, test leads, and GP23GA 12V battery. #DVM810, New, \$5.99

20 Range Multimeter

3 1/2 DIGIT DMM - 20 RANGES - 10A - TRANSISTOR TEST. Automatic polarity function low-battery indication. Transistor and diode test. DC voltage: 200m/2/20/200/1000V. AC voltage: 200/750V. DC current: 200µ/2m/20m/200m/10A. Resistance: 200/2000/20k/200k/2000k. Basic accuracy : ±0.8%. Overload protection: 250V. Low-battery indication. 2.8" x 5.0" x 1.0" 3 lbs sh. Includes manual, test leads, and a 9V battery. #DVM830, New, \$9.99



23 Range Multimeter



3 1/2 DMM - 23 Ranges / 20A. Has transistor, diode and audible continuity test. DC voltage: 200m/2/20/200 /1000V. AC voltage: 2/20/200/750V. DC current: 200µ/2m/20m/200m/20A. AC current: 2m/20m/200m/20A. Low-battery indication. 3.3"x6.5"x1.3" 3 lbs sh. With manual, test leads, holster, and 9V battery. #DVM92, New, \$29.95

Temp / Capacitance / Freq

3 1/2 DMM - 30 RANGES / 20A / TEMPERATURE / CAPACITANCE / FREQUENCY. Low-battery indication, Overload protection and automatic deactivation. Transistor, diode and audible continuity test. DC voltage: 200m/2/20/200/1000V. AC voltage: 2/20/200/700V. DC current: 2m/20m/200m/20A. AC current: 20m/200m/20A. Resistance: 200/2k/20k/200k/2M/20M/200M. Capacitance: 2000p/20n/200n/2µ/20µF. Frequency: 20kHz. Temperature: -50°C to 1000°C. 3.5" x 6.7" x 1.5". 3 lbs sh. With manual, test leads, holster, 9V battery, temp. probe. #DVM890, New, \$49.00



Digital Clamp Multimeter



DIGITAL CLAMP MULTIMETER WITH DATA-HOLD AND BACKLIGHT. 3 Ω LCD display with automatic polarity indication. Data-hold and backlight function. DC voltage: 600V. AC voltage: 600V. AC current: 2/20/200A (via transformer jaws). Resistance: 2k. Continuity buzzer. 7.6" x 2.8"

x 1.4". 3 lbs sh. Includes manual, test leads, 1 x 12V GP23A battery, carrying bag. #DCM265, New, \$59.00

Mini Multimeter



Miniature Multimeter by Soltec. DC Voltage Ranges: 0-0.25, 2.5, 10, 50, 250, 500, 1000V. AC Voltage Ranges: 0-2.5, 10, 50, 250, 500, 1000V. DC Current Ranges: 0-50µA, .5, 50, 500ma. Resistance Ranges 0-20 megohms in 4 ranges. Meter comes with carrying handle, and test leads.

Requires one 9 volt and two AA batteries. Batteries are supplied with unit but are NO GOOD. Meter size: 1.7x3.9x5.3, 3 lbs sh. #HM-102S, Unused, \$8.95

ME-77 Multimeter

ME-77/URM-105C VOLT-OHMMETER, handy meter in ruggedized plastic case has DC & AC ranges 0-10-100-1000 V; resistance 0-2K-20K-200K-2M-20M ohms. Response 30 Hz-10KHz; has 3.5" dia FS=50 ua-meter. Requires two AA batteries for X1-X10-X100 ohms; 22.5 VDC battery (not available) for X1K-X10K ohm scales. With test leads. 6.6x4x3.3, 3 lbs sh. #ME-77, Used, \$24.95



ME-297 Multimeter



ME-297/USM-223 FET MULTIMETER measures AC-DC volts to 5000 V in sequential ranges 2.5-10-50 to 5 KV, AC-DC 1000 ohm/V or DC 20K ohm/V. Also DC current to 10 amps in full scale ranges 0.25-2.5-10-50-100-500 MA DC and 2.5-10-50-100-500 MA DC and 2.5-10-50-100-500 MA DC and 2.5-10-50-100-500 MA DC. Resistance scales X1K-10K-100K-1M-10M ohms. Includes rugged plastic case, 4.5" dia FS=50 ua meter, red-black test leads and front cover. Requires 6-PXB1 1.3 V & 1-"C" batteries (not supplied). 6x7.4x8.8, 7 lb.

#ME-297-UR, Used-Reparable, \$34.95; #ME-297-CH, Checked, \$54.95 Units converted so they require two double A and one C battery, #ME-297-CON, Checked, \$89.50 Manual partial repro, #MM-ME-297, \$8.50

Hickok Multimeter

Hickok 1605M Solid State Multimeter, achieves high gain by using chopper to allow use of AC coupled amplifiers; Frequency range for AC measurements 20Hz to 700MHz. Full scale ranges 0-300VAC in seven steps and 0-1500VDC in eleven steps. 0-150maDC in eleven. 0-500 Megohms in steps Rx10 thru Rx10M. Includes AC and DC probes, two test leads, coaxial RF adapter, and manual repro. Requires 115/230VAC 50-400Hz. 10.5x5.5x8, 13 lbs. #1605M-UR, Used Reparable, \$85

#1605M-CH, Checked, \$125.00; Manual Repro, #MM-1605M, \$15.00



Light/Sound/Temp. DVM



3 1/2-DIGIT DMM - 20 RANGES - 10A - SOUND LEVEL / LIGHT / HUMIDITY / TEMPERATURE. Automatic polarity function. Low-battery indication. Transistor, diode test, audible continuity test. Overrange protection. Sound level measurements: 35-100dB. Light measurements: up to 20000lux.

Humidity measurements: 25%-95% RH. Temperature: -20°C to +1300°C. DC voltage: 200m/20/600V. AC voltage: 200/600V. DC current: 200µ/200m/10A. Resistance: 200/2k/200k/1M. 4.8x2.4x1.6. Includes manual, test leads, and 9V battery. #DVM501, New, \$99

FOR ORDERING INFORMATION SEE PAGES 16 & 17

HP-400GL Voltmeter



HP-400GL ANALOG AC VOLT-METER, ranges 0.1 to 1000 V-rms in 8 decade steps; -80 to +60 db in 10 db steps. Response 20 Hz-4 Mhz; output 1 Vrms open circuit. Input impedance 10 megohms. Requires 115/230 VAC 48-440 Hz; 6.3x5.11, 9 lbs sh. #HP-400GL, Used Checked w/book, \$135.00

HP-400E, similar to above but 1mV to 300V-rms, #HP-400E, Used Repairable, \$69.50
Manual repro, #MM-HP-400E, \$12.00

DC Voltmeter

ME-440/USM-381 DIFFERENTIAL DC VOLT-METER, similar to Fluke 896A; ranges 0-10-100-1000 VDC. Probe for 1100 V (upto +/-5 KV common-mode) and 15 KV multiplier input. NULL ranges 0.01-0.1-1-10-100V -TVM used with 5-digit scaler as differential meter. Solid-state; w/cover & operator info. 115/230 V 60 Hz; 11x12.5x15, 30 lbs shipping. #ME-440, Used Repairable, \$45.00



HP-3586B Voltmeter



HP-3586B FREQUENCY SELECTIVE VOLTMETER, measures tone level, idle channel noise, weighted noise at voice & compare to carrier frequency over 50 Hz to 32.5 Mhz @ 75 ohm input; voice level over 50 Hz to 100 KHz @ 600 ohms. Amplitude +20 to -130 dBm; resolution to 0.01 dBm. Option 003 measures phase jitter, noise-with-tone, signal-to-noise with tone ratio and single level impulse noise. Push-button control & entry; HP-1B programmable. NA Bell standard. Requires 100/120/220/240 VAC 48-66 Hz; 7x16.8 x18.4, 62 lbs sh. #HP-3586B, Used-Repairable, \$595.00

Freq Selective Voltmeter

SIERRA 128A FREQUENCY SELECTIVE VOLTMETER for analyzing carrier signals over 10 KHz to 15.1 MHz LSB-AM-USB; utilizes all-transistor frequency lock. Could probably be used as receiver. Separate circuits for MHz and KHz tuning each with controls COARSE, FINE, CURSOR, and input TRACKING SIGNAL BNC jack. Voltmeter has ranges 30 uV to 30 V in 13 steps; DB ranges -90 to +30 DB. Select 75-135-600 ohm termination or 1 MHz calibration; also Selectivity WIDE-NARROW, Main Tune LOCK-CONT, Audio GAIN, and phone jack. Requires 115 V 60 Hz or 28 VDC 220 ma. May have brown or beige front panel; 12x20x15.5, 52 lbs sh. #SIE-128A, Used-repairable w/ book, \$100



Vector Voltmeter



HEWLETT-PACKARD 8405A VECTOR VOLT-METER, measures both magnitude and phase over 1 to 1000 MHz in 21 overlapping bands. Also capable of determining

insertion loss, group delay of bandpass filters, complex impedance of mixers and antennas, RF distortion and in-circuit probing. Ranges: 100 uv to 1 V-rms full scale in 10 db steps. Phase: 360 degrees on 0-center meter with end scale ranges +/- 180, 60, 18 and 6 deg. Band-width: 1 KHz. Requires 115/230 VAC50-400 Hz; 7x16.8x18.4, 36 lbs, #HP-8405A-UR, Used Repairable w/ manual repro, \$295

H-P Audio Oscillator



HP-201C Oscillator, Vacuum Tube Type covers 20 Hz to 20 KHz in 3 ranges; output 3 W (42 V) into 600 ohms; 50 V max no load. Distortion <0.5%; Attenuator 0-40 DB in 10 DB steps. Requires 120VAC 50-400Hz. 7.5x10.8x12.5, 20 lbs sh. With manual repro. #HP-201C-UR, Used Repairable, \$85.00 #HP-201C-CH, Checked, \$119.50

URM-127 Audio Oscillator

AN/URM-127 SOLID-STATE AUDIO OSCILLATOR, 20 Hz to 200 KHz in four bands. Metered output 0-10 Vrms into 500 or 1000 ohms in 7 decade ranges. Design accuracy +/-2%; stability +/-0.5%. Requires 115 VAC 50-70/380-420 Hz. 7.5x13x4.5, 15 lbs sh. #URM-127-UR, Used Repairable, \$55.00 #URM-127-CH, Checked, \$100.00



AN/URM-127A newer version, but no frequency meter. #URM-127A-UR, Used repairable, \$65.00 #URM-127A-CH, Checked, \$120.00

Manual repro for URM-127, #MM-URM-127, \$12.00
Manual repro for URM-127A, #MM-URM-127A, \$12.00

1K ohm Dummy Load for URM-127 & TS-382 oscillators. Has two banana jacks, two terminal posts, and a BNC female connector. #DA-35, Used, \$8.00



UG-514 Adapter Connector for URM-127 & TS-382. Has two banana jacks, two terminal posts, and a BNC female connector. 1 lbs. #UG-514, Used, \$7.50

Shallco Attenuator

The Shallco Attenuator Network is a 600 ohm impedance, decade type, unbalanced "T" circuit direct reading unit providing accurate performance in the low radio frequency spectrum, and usable over the range from 0 to 10 MHz. Accuracy +/- (.5% + .03 dB) of setting when checked at 1KHz. Unit has a range of 0 to 110dB in 1 dB steps and is equipped with 3/4" spacing 5 way binding posts. 7.5x12x5.3, 8 lbs sh. #12851-1, Unused, \$125.00



Audio Output Meter



TS-585 OUTPUT METER for audio amps, filters, oscillators. Ranges 0.1-5 mw, -10 to +7 dbm; 1-50 mw, 0 to +17 dbm; 10-500 mw, +10 to +27 dbm; 100-5000 mw +20 to +37 dbm read on 3.5" dia meter. Multiplier circuit x0.1, x1, x10, x100 allows input impedances

2.5 to 20000 ohms in 40 steps; 30-10000 Hz response. 8.5x11x5.5, 17 lbs sh. #TS-585, Used, \$69.50; Manual, partial-reproduction, #MM-TS-585, \$8.50

Noise Level Meter

Northeast Electronics TTS37BR Noise Level-VU Meter, 1 & 10 db/step attenuators measures level +23 to -95DBM; Noise 13 to -5 DBRN. Input impd 900 & 600 ohm circuits balanced/unbalanced, terminating or bridged. Sensitivity -80 DBM @ 0 DB. Has large VU-meter with scales -15 to +3 VU-DB, -5 to +13DBRN. 8.8x19x7.5, 15 lbs. #TTS37BR, Used Repairable w/book, \$99.50



Audio Test Set



MARCONI TF2005 DUAL AUDIO TEST SET, low distortion unit (designed <0.05%) consists of two 20 Hz-1111 Hz oscillators, 0.1-111 dB T-attenuator and voltmeter. Output 15 dBm into 600 ohms. Attenuator balanced 75, 150, 600 ohms 1 W max; unbalanced 600 ohms. Voltmeter ranges 1.5, 5, 15, 25 V; dB ranges +10, +20, +24. Requires 115 VAC 50-60 Hz; 7x17x11, 32 lb sh. Less power cord. #TF2005, Used Repairable with output, \$195.00

H-P Analyzer

HP-312B ANALYZER / FREQUENCY SELECTIVE VOLTMETER, 1 KHz to 18 MHz AM, AM AFC, BEAT, USB, LSB in 18 overlapping bands indicated on 7-digit readout. Synthesizer for tuning phase-locked in 1 MHz steps. Bandwidth 200, 1000 or 3100 Hz. Reference level -40 to +20 DBM in 10 DBM steps. Amplitude -60 to 0 DB in 10 DB steps. Impedance selectable 50, 60, 75, 124, 135, 150 or 600 ohms balanced or unbalanced. Audio output > 0.5 V rms into 10K ohm full scale deflection. Recorder output 1 V full scale deflection open circuit. Requires 115/230 VAC 50-400 Hz; 16.8x10.5 x18.8, 51 lbs. #HP-312B, Used Repairable, \$195.00



HP-3581A Analyzer



HEWLETT-PACKARD 3581A WAVE ANALYZER, separates and measures frequency and amplitude spectral components over 15 Hz to 50 KHz with

1 Hz resolution. Uses 5-digit LED freq- readout & analog meter for amplitude analysis. Meter scales: Volts (30 V - 100 nV linear), 90 dB or 10 dB display (+30 dB to -150 dB log). Sweep scan width adjusts 50 Hz - 50 KHz. Requires 100-120/200-240 V 48-440 Hz; rackmount: 10.5x 19.3x16.3, 30 lbs sh. #HP-3581A, Used Checked, \$395.00

HP Wave Analyzer

HEWLETT-PACKARD 310A WAVE ANALYZER, a frequency selective voltmeter-receiver covering 1 KHz to 1.5 MHz with bandwidths 200,1000, and 2000 Hz; resolution 200 Hz/div. Modes AFC-Normal-BFO-USB-LSB-AM. Amplitude ranges 10 ux to 100 V full scale, 16 steps. AFC: dynamic hold-in +/-3 KHz min @ 100 KHz; tracking 100 Hz/sec. Has headphone jack and is operable as VLF receiver. Requires 115/230 V 60 Hz; 10.8x16.8 x18.4, 50lb. #HP-310A, Used-repairable w/ manual, \$125.00



Distortion Analyzer

HEWLETT-PACKARD 331A DISTORTION ANALYZER, measurement of total distortion 0.1%-100 % in 7 ranges over 5 Hz to 600 KHz; harmonics to 3 MHz. 1 KHz filter attenuates frequencies below 400 Hz. Fundamental rejection >80 DB. Meter indicates 300 uv to 300 V rms in 13 ranges, 10 DB per range. Requires 115/230 V; 16.8x5 x15.3, 24 lbs sh. #HP-331A, Used Checked w/ manual, \$225.00 #HP-334A, Used Checked w/ manual, \$300.00



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HP Carrier Test Set



HEWLETT PACKARD 3550A CARRIER TEST SET for field testing transmission line and system characteristics.

Includes solid-state 204C Oscillator, 493B Voltmeter, and 353A Patch Panel described below in transit case. Regulating batteries removed; 8.4x19.3x13.3, 36 lbs sh.

#HP-3550A, Used Reparable, \$169.50
#MM-HP-3550A, Manual repro, \$25.00

HP-204C AUDIO OSCILLATOR, AC line or rechargeable battery operation. Unit provides frequency from 5 Hz to 1.2 MHz in six overlapping ranges. Delivers an output voltage of >2.5 V-rms (10 mW or +10 DBM) into 600 ohm. Includes Sync Output: > 100mV-rms into <100pf over entire range. 5.1x6.3x8, 9 lbs sh.

#HP-204C, Used Reparable, \$90.00
#MM-HP-204C, Manual repro, \$12.00

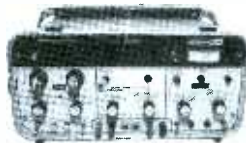
HP-403B AC VOLTMETER, measures 0.001 to 300V-rms in 12 calibrated steps, -60 to +50 DB in 10 DB steps. Response 5 Hz - 2 MHz. Requires 115/230 VAC and four 6 V 225ma batteries in regulating circuit. 5.1x6.3x8, 9 lbs sh.

#HP-403B-LB, Used Reparable, less batteries, \$69.
#MM-HP-403B, Manual repro, \$12.00

HP-353A Telephone Patch Panel, 50Hz-560KHz. Output impedance 135, 600, and 900 ohms. Step 600 ohm attenuator. 2 pair of matching transformers primary 600 ohm, sec 135, 600, 900 ohms. 5.1x6.3x8, 9 lbs sh. #HP-353A, Used, \$30.00

Transmission Test Set

Northeast Electronics TTS-44 Transmission Test Set. A useful device for test and measurement of audio VLF-RF frequencies up to 99.99 KHz. Has a four digit display switchable from Hz to KHz, and an edgewise DB meter. Also, has a small front mounted speaker with level control. Send portion of unit generates frequencies in presets (404,1004, 2804 Hz) and variable ranges (35 - 375 Hz, 375 - 4.5 KHz, 4.5 - 60 KHz) and has an output attenuator from -40 to +10 db in six ranges. Both send and receive have two independent channels with bridged and terminated binding post and phone plug connections. 120VAC, and self contained battery operation (no warranty of battery condition) 12.7 x 15 x 7.5, 33 lbs sh. #TTS-44, Used reparable, \$69.50



#MM-TTS-44, Manual Repro for above, \$20.00

Communications Test Set



Schlumberger Stabilock 4031 Communications Test Set 0.4 - 1000MHz for testing of receivers and transmitters. This unit includes the following functions and more: signal generator, test

receiver, frequency counter, power meter, modulation meter, audio generator, VSWR meter, AF power meter, rms voltmeter. These units are in excellent condition and pass their self test. We have run some of the functions, but this instrument has so many functions we could not fully test it. Satisfaction guaranteed. 21.5x14.7x9.4, 46 lbs sh. #SCHL-4031, Used excellent, \$4000.00

Wheatstone Bridge



ZM-4 Wheatstone Bridge used to measure DC resistance. Resistance measurement range 1 ohm to 1.011 M ohms +/-0.15%; As a resistance substitution box it is adjustable in 1

ohm steps from 0-10110 ohms. The current limit of the resistors is 16-500ma depending on setting. Galvanometer indicates balance in test circuit. Requires three "D" batteries. Also 22.5 to 200 VDC for more accurate readings above 1000 ohms. Can be used as a precision resistor substitution box. 5.8x7.3x8.8, 12 lbs sh.

#ZM-4-UR, Used Reparable, \$34.50;
#ZM-4-UR-L, Used Reparable less galvanometer, \$17
#ZM-4-CH, Used Checked, \$49.50;
Manual repro, #MM-ZM-4, \$12.00

Anemometer

ANEMOMETER. Wind speed measurements in mph, km/h or m/s units. Reads up to 65MPH. Wind speed in Beauford wind scale bar graph. Wind chill display. Temperature display in degrees Celsius or Fahrenheit. Data-hold function. Auto power OFF. LCD backlight. Comes with neckband and 1 x 3V CR2032 battery. 1.5"x7"x 3.9". #DVM9500, New, \$69.95



Digital Tachometer



RPM-measurements are now safe and accurate. 5-digit LCD displays the exact rpm: 5 to 10000rpm. The last value / max. and min. values are stored automatically. Resolution : 0.05%. Comes with case. Requires 4 x 1.5V AA-batteries. #DTO2234, New, \$139.00

Infrared Thermometer

INFRARED THERMOMETER. One-handed operation. Laser technology. Range 0 to 788F. Resolution 1F / 1C. Spectral response 6-14µm. Response time 500ms. Accuracy -20C to +100C : ± 3C; +101C to +420C : ± 3C. Operating temperature 0 to +50C. Power consumption 40mA max. Requires a 9V-battery (not included) 1.7" x 1.6" x 6.7". 2 lbs sh. #DVM8869, New, \$179.00



URM-26B Generator



SG-117/URM-26B SIGNAL GENERATOR, 4 to 405 MHz AM-CW - Pulse in six bands. Output 0.1 to 100K uv into 50 ohms. Modulation 400 or 1K Hz 0-50%. External pulse-mod requires positive 40 V-min 50-500 pps;

duration 2-40 usec and 70 ohm input impedance. Requires 115 V 50-1000 Hz. Outer case may have small dents. 11.3x14x10.5, 36 lbs sh. #URM-26B, Used Checked, \$160.00

Manual repro, #MM-URM-26B, \$10.00

Accessories sold only with purchase of URM-26B:
2:1 attenuator, 50 ohms, #CN-315, \$8.00
10:1 50 ohm, #CN-316 \$10.00
10:1 70 ohm, #CN-471 \$10.00
Impedance matcher, #CU-439, \$10.00
BNC cords, 4 foot, #BNC-4ft, \$4.00;
BNC cords, 6 inch, #BNC-6IN, \$2.00

LC Bridge



3 1/2-DIGIT LC BRIDGE. Digital LC meter with 3" LCD display and figure height 21mm. automatic zero indication: high measuring accuracy. Capacitance: 2n/20n/200n/2µ/20µF/200µF. Inductance: 2m/20m/200m/2H. 7.4" x 3.6" x 1.2" 3 lbs sh. With

manual, test leads, holster, 9V battery. #DVM6243, New, \$96.86

Frequency Synthesizer

Wavetek 5107 Frequency Synthesizer Channel generates spectrally pure and stable output frequencies from 1Hz to 3MHz with constant 1Hz resolution. It utilizes a unique direct digital synthesis technique to generate the output sinusoid. Complementary TTL compatible square wave outputs are provided for monitoring the output of the channel. Unit obtains it's input power, clock control logic, and programming information externally. Requires regulated 5VDC at 2.5 amps and 15VDC at 100ma. Comes with the programming mating connector and manual. 13.6x1.35x8.8, 7 lbs sh. #WAVE-5107, Unused, \$135.00



SG1174 Signal Generator



SG-1174/U (AUL 6201B) Signal Generator 3.8 - 7.6 GHz. Internal modulation of CW, pulse, square wave, FM or accepts external modulation. Control complement includes vernier tuning, attenuator, sync

multiplier, pulse rate (40-400pps), pulse width (.5-10us), sync delay (3-300us), and FM modulation level. Solid-state design except for 5037 klystron. 50 ohm output, plus sync and sync delay outs; external modulation inputs. 5.7x19x13.7, 54 lbs sh. No manual available.

#SG-1174, Used Reparable, \$150.00

UHF Signal Generators



HEWLETT-PACKARD 620B SIGNAL GENERATOR, 7 to 11 GHz in single band FM, pulse or squarewave modulation. Calibrated output 0.1 uv to 0.224 V into 50 ohms. Also second 0.3 MW uncalibrated output useable for phase locking. Pulse rate 40 to 4000 pps; width 0.5 to 10 usec. Uses 5721 or = klystron. Requires 115/ 230 VAC 50-400 Hz. 13.9x17.5 x17.4; 70 lbs. #HP-620B, Used Reparable, \$300.00

Manual repro for above, #MM-HP-620B, \$17.00

HP-618C GENERATOR, similar to 620B except 3.8 to 7.6 Ghz; #HP-618C, Used Reparable, \$200.00
Manual repro for above, #MM-HP-618C, \$17.00

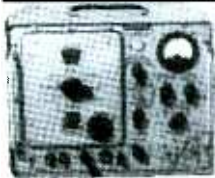
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TS-403 RF GENERATOR, 1.8-4.2 Ghz; 0.1-200K uv out. Similar to HP-616B; 70 lbs shipping.
#TS-403, Used Reparable, \$175.00
Manuals repro for above, #MM-TS-403, \$17.00

SG-557/TS-621 RF GENERATOR 3.8-7.5 Ghz FM-CW; 110 lbs sh. #SG-557, Used Reparable, \$200.00
Manuals repro for above, #MM-SG-557, \$17.00

CALL US AT 419-223-2196 or 227-6573

24 HOUR FAX 419-227-1313

50 MHz Signal Generator



AN/URM-25 SIGNAL GENERATOR with accessories; covers 10 KHz to 50 MHz in 9 bands. Output to 100K uv into 50 ohms. Modulation 0-50% 400 or 1000 Hz; internal 1 MHz calibrator. Includes MX-

1487 impedance adapter, SM-35 antenna simulator, attenuators CN-223-224, test cable & manual repro. Requires 115 VAC 60 Hz; 11.3x14x10.8, 52 lbs. #URM-25-UR, Used Repairable, \$110.00
#URM-25-CH, Checked, \$179.50
#URM-25-GR, Gov. Reconditioned Checked, \$225.

Dummy Antenna for URM-191 & other signal generators such as the URM-25. 50 ohm impedance. Has a female BNC connection on each end. #DA-650, Used, \$6.00



Fixed 5:1 Attenuator for URM-191 & other signal generators such as the URM-25. Has a female BNC connection on each end. #CN-1418, Used, \$7.00

Adapter Connector for URM-191 & other signal generators such as the URM-25. Has a female BNC connection on one end and a 1/4" phone jack on the other end. #35-28102-14, \$6.50

HP-8640B Signal Generator



HEWLETT-PACKARD 8640B RF GENERATOR w/ options 001/002/003 for 500

KHz -1024 MHz AM-FM-Pulse in 11 bands read on 7-digit display. Output +19 to -145 dbm (2 V to 0.013 uv); phase-lock FM. Opt 003 is reverse power protection. Requires 100/120/220/240 VAC 48-440 Hz; 5.5x16.8 x18.8, 53 lbs shipping. Used Checked w/manual copy, #HP-8640B-123, \$1495
As above but with opt 001/003 only, 20 Hz-512 MHz, #HP-8640B-13, \$995.00

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MILITARY VERSION of popular solid-state HEWLETT-PACKARD 8640B with opt 323 (AN/USM-323). Covers 500 KHz to 512 MHz AM-FM-Pulse in ten octave ranges using 6-digit LED readout; to 1024 MHz using external freq doubler (not available). Output: 0.01 uv to 2 V (-144 to +19 DBM); modulation 400, 1000, 5000 Hz. Pulse: 0.05-5 KHz. Resolution 10 Hz (0.5-4 MHz), 100 Hz (4-64 MHz), 1 KHz (64-512 MHz). USM-323 does NOT have these features: seventh 1/2 digit, X100 Expand, ext-count input, phase-lock. Mounted in transit case. Requires 103-127/207-242 VAC 48-440 Hz; 7.8x19.5 x22.4, 70 lbs. #USM-323, Used Checked w/book copy, \$795.00



80 MHz RF Generator



SG-297/URM-103 18 to 80 Mhz FM Signal Generator also the following IF frequencies 4.3, 5.6, 5.625, 5.650, 10.00, 11.5MHz unmodulated for testing IF frequencies of military

receivers. Internal modulation 150 Hz, 400 Hz, and 1000 Hz, external modulation 0.1 to 30 KHz. RF output 0.05 to 1.0 V; IF output 10 microvolts to 10 volts. Power input 115/230 V 50 - 400 Hz. Size 13 x 13.25 x 18. 75 lbs shipping. #SG-297-UR, Used Repairable, \$150.00
#SG-297-CH, Used Checked, \$225.00
#MM-SG-297, Manual repro, \$12.00

480 MHz Signal Generator



HEWLETT-PACKARD 608E SIGNAL GENERATOR, best of 608-series covers 10-480 Mhz AM-CW-pulse; 1 & 5 MHz calibration check points over range make +/-0.05% accuracy possible. Modulation 400 or 1000 Hz internal; external 20 Hz-20 KHz, 0 to 90%. Large 3.5" dia meters for Percent Modulation & Output Volts-DBM. Requires

115/230V 50-400 Hz; 16.4x13.3x21, 72 lbs.
#HP-608E-UR, Used Repairable, \$225.00
#HP-608E-CH, Checked, \$275.00
Manual repro for above, #MM-HP-608E, \$15.00

FIBERGLASS TRANSIT CASE for HP-608 generators; 30 lbs sh. #FIB-USM-44B, used, \$30.00

Test Leads



TEST LEADS. 2 test leads with protection caps. Ratings: 1000V / 15A. Length: 30" / 37". #TLM1, New, \$4.99

SET OF TEST LEADS - 2 BANANA PLUGS. 2 test leads (with banana plug) 0.16". Length: 39.4". #TLM2, New, \$0.99



SET OF TEST LEADS - BANANA PLUG / BOOTED CROCODILE PLUG. 3 test leads (banana plug 0.16" / boot-crocodile plug). Length: 35.4". #TLM3, New, \$0.99

SET OF TEST LEADS - 2 HOOKED BANANA PLUGS. 2 test leads (2 hook banana plugs) 0.16". Length: 35.4". #TLM4, New, \$1.19



Test Leads with alligator clips. Each test lead is 55" long. Used in conjunction with PSM-6 and other military meters. #MX-1909, Unused, \$4.
Red & black panel jacks // above. #J-19, used, \$2 per set

Wire Clips

144mm LONG WIRE CLIP FOR CABLE CONNECTION. Suitable for cable and 4mm banana plug. Length is 5.7". Black color, #CM23B, \$1.64
Red color, #CM23R, \$1.64



40mm WIRE CLIP. Solder connection. Length is 1.6".

Black color, #CM22B, \$0.99; 3 for \$1.99
Red color, #CM22R, \$0.99; 3 for \$1.99

Alligator Clips

ALLIGATOR CLIP 10A. Solder conn. Length 2.2". Boot color black, #CM16B, 4 for \$0.99; 10 for \$1.99
Boot color red, #CM16R, 4 for \$0.99; 10 for \$1.99

As above but 27mm.
Boot color black, #CM5B, 12 for \$0.99; 24 for \$1.69
Boot color red, #CM5R, 12 for \$0.99; 24 for \$1.69



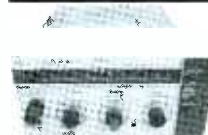
20 amp rated Industrial Alligator clip with spiny contact by Mueller. No insulation. Unused, #AC-1868, \$1.25 each; 3 for \$3.00

Jumper Test Leads



SET WITH 10 WIRES 50cm 5 COLORS WITH BOOTED 32mm CROCODILE CLIPS. Crocodile clips: 5/4". Cable length: 20". Booted alligator clips: 25mm. #CM12, New, \$1.79

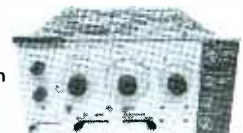
HP Analyzer Plug-In



HEWLETT-PACKARD 8553B SPECTRUM ANALYZER PLUG-IN for HP-141T main-frame; covers 1 KHz to 110 Mhz in bands 0-11 and 0-110 Mhz. IF bandwidths: 10 Hz to 300 KHz, 1-3 sequence.

Scan widths on 10-division CRT: 20 Hz/div to 10 Mhz/div in 18 calibrated steps, 1-2-5 sequence. 4x8.9x13.5, 17 lbs.
#HP-8553B-UR, Used Repairable, \$250.00
Manual partial repro, #MM-HP-8553B, \$17.00

HP-8552B IF Plug-in for 141T. Features video filtering, recorder outputs and an internal calibration signal to make the spectrum analyzer easier to use. Provides bandwidth/gain selection and detection. Internal calibration standard is -30dBm, 30MHz signal. 16.8x16.4x8.8, 14 lbs sh. #HP-8552B, Used operates but may need adjustment, \$350.00



HP-8556A, similar to 8553B but covers 20 Hz to 300 KHz range. #HP-8556A, Used Repairable, \$175

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HEWLETT-PACKARD 8445B AUTOMATIC PRESELECTOR. This YIG tuned filter unit is designed for use with the HP-141T Analyzer with the HP-8555A Plug-in. Suppresses harmonic mixing image and multiple responses from 1.8 to 18 GHz. Clean band sweeps of 2, 4, 6, or 8 GHz are possible depending on the band selected. N connections. Less interconnect cable. Requires 100/120/200/240 V 48-440 Hz. 3.5x16.8 x18.4, 25 lbs sh. #HP-8445B, Used Repairable, \$299.00

Scope Probes



OSCILLOSCOPE PROBE 150MHz. Complete probe set for measurements up to 150MHz. Attenuation: 1:1 or 1:10. Position x1 - bandwidth: DC to 60MHz, input resistance: 1Mohm (input resistance scope) input capacitance: 90pF + cap. scope. Position x10 - bandwidth: DC to 150MHz, input resistance: 10Mohm (if scope input = 1Mohm), input capacitance: 15pF approx. Cable length 3.9ft. #PROBE150, New, \$44.12

OSCILLOSCOPE PROBE 100MHz. Complete probe set for measurements up to 100MHz. Attenuation: 1:1 or 1:10. Position x1 - bandwidth: DC to 60MHz, input resistance: 1Mohm (input resistance scope) input capacitance: 90pF + cap. scope. Position x10 - bandwidth: DC to 100MHz, input resistance: 10Mohm (if scope input = 1Mohm), input capacitance: 16pF approx. Cable length 4.6ft. #PROBE100, New, \$29.95



INSULATED SCOPE PROBE 60MHz. Complete probe set. Insulated for hand-held equipment. Attenuation: 1:1 or 1:10. Position x1 - bandwidth: DC to 15MHz, input resistance: 1Mohm (input resistance scope), input capacitance: 46pF + cap. scope. Position x10 - bandwidth: DC to 60MHz, input resistance: 10Mohm (if scope input = 1Mohm), input capacitance: 18pF approx. Cable length is 4.6ft. With insulated BNC connector. #PROBE60S, New, \$19.95



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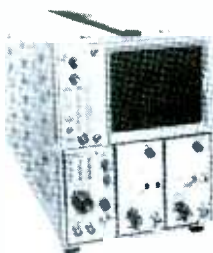
Tektronix Plug-ins

Each of the plug-ins listed below are used repairable.

Part Number: #TEK-(specify model)

- 067-0591-00 Calibration Fixture, \$25.00
- 1A2 Dual Trace, \$30.00
- 1A6 Differential Amplifier, \$30.00
- 2B67 Time Base, \$45.00
- 3A1 Dual Trace Amplifier, \$45.00
- 3A6 Dual Trace Amplifier, \$45.00
- 3A72 Dual Trace Amplifier, \$40.00
- 3A74 Quad Trace Amplifier, \$80.00
- 3B1 Delaying Sweep Unit, \$75.00
- 3B3 Time Base, \$40.00
- 3S76 Sampling Dual Trace, \$40.00
- 5A14 Four Channel, \$100.00
- 5A15N Single Trace Amplifier DC-2MHz, \$35.00
- 5A18N Dual Trace Amplifier, \$79.50
- 5A21N Differential Amplifier, \$50.00
- 5A24N Single Trace Amplifier DC-2MHz, \$30.00
- 5A38 Dual Trace, \$45.00
- 5A48 Dual Trace, \$60.00
- 5B10 Time Base / Amplifier, \$50.00
- 5B12N Dual Time Base, \$85.00
- 5B25N Digitizer / Time Base / Amplifier, \$99.00
- 5B40 Time Base, \$60.00
- 5B42 Delaying Time Base, \$85.00
- 5D10 Waveform Digitizer, \$100.00
- 5T3 Time Base, \$65.00
- 7A13 Differential Comparator, \$125.00
- 7A15A Amplifier, \$60.00
- 7A16A Amplifier, \$99.00
- 7A17 Amplifier, \$40.00
- 7A18 Dual Trace Amplifier, \$125.00
- 7A19 Amplifier, \$125.00
- 7A22 Differential Amplifier, \$150.00
- 7A26 Dual Trace Amplifier, \$99.00
- 7B50 Time Base, \$155.00
- 7B53A Dual Time Base, \$179.00
- 7B70 Time Base, \$79.00
- 7B71 Delaying Time Base, \$175.00
- 7B80 Time Base, \$125.00
- 7B85 Delaying Time Base, \$150.00
- 7B87 Time Base, \$175.00
- 7B92A Dual Time Base, \$199.00
- 7CT1N Curve Tracer, \$300.00
- 7D01 Logic Analyzer, \$40.00
- 7D11 Digital Delay, \$100.00
- 7D15 225MHz Counter / Timer, \$199.00
- 10A2 Dual Trace Amp, \$50.00
- 11B1 Time Base, \$40.00
- 53/54K Fast Rise .05-20V/cm, \$20.00
- 72 Dual Trace Amplifier, \$45.00
- 80 Single Trace DC-80MHz, \$40.00
- 82 Dual-Trace for Tek 581/585/A, \$50.00
- AM-6565/U Amplifier (7A15AN11), \$45.00
- B Wideband 50mv-20V/cm, \$25.00
- CA Dual-Trace DC-24 MHz, \$40.00
- DF1 Display Formatter, \$40.00
- DF2 Display Formatter, \$40.00
- DL2 Digital Latch, \$50.00
- H Wideband 50mv-20V/cm, \$25.00
- L Wideband High Gain, \$30.00
- M Four Channel DC-20 MHz, \$39.50
- O Operational Amplifier, \$50.00
- P Rise Time Test Unit, \$25.00
- Q Transducer-Strain Gauge, \$85.00
- Z Differential Comparator, \$85.00

TEK 7603N11S



AN/USM-281C (Tektronix 7603-N11S) OSCILLOSCOPE, modern, versatile 7000-Series scope with large 8 x 10 cm display and at least 65 Mhz response. Includes two AM-6565 (7A15AN11) single-trace and one TD-1085 (7B53AN11) dual time base plug-ins plus the 100 Mhz mainframe accepts standard Tek 7000-Series

plug-ins. Vertical deflection 5 mV - 10 V/div in 11 calibrated steps, 1-2-5 sequence; vernier to 25 V/div. Sweeps: Normal, Intensified Delay, Delayed and Mixed. Rate 0.05 uS - 5 S/div in 25 steps, 1-2-5 sequence; 5 NS rate using x10 magnifier. Delayed rate 0.05 uS to 0.5 S/div in 22 steps. Requires 100-120/200-240 VAC 48-440 Hz. With book; 11.5x9.7x25.2, 52 lbs.

#USM-281C-UR, Used-Repairable, \$320.00
 #USM-281C-CH, Checked, \$400.00
 Manual repro f/ USM-281C only, #MM-USM-281C,\$30

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ADAPTERS for USM-281C/TEK7603:

- ADAPTER BNC (f) - UHF (m) #103-0015, \$2.50
- ADAPTER BNC (m) -UHF (f) #103-0032, \$2.50
- ADAPTER BNC (m) to post, #103-0033, \$2.50
- T-CONNECTOR, BNC (f-m-f) #103-0030, \$3.00
- CABLE, 8 ft BNC, 50 ohms, #012-0118, \$4.00

TEK 500 Modules / Plug-ins

The TEK TM503 Power Module benchtop mainframe is a three wide power module compatible with all TM500 Plug-Ins. It provides unregulated DC and AC supplies and non-dedicated power transistors for plug-in usage.



17x8.35x9, 14 lbs sh. #TM503, \$125.00
 Four Wide Power Module, #TM-504, \$145.00
 Five Wide Portable w/ covers, #TM-515, \$169.00

Part Number for plug-ins below:
 #TEK-(specify model)

- AM502 Differential Amplifier, \$195.00
- AM503 Current Probe Amplifier (no probe included), \$179.00
- DC501 Counter 110 MHz, \$199.00
- DC502 (opt. 1) Counter, \$199.00
- DC503 Universal Counter, \$129.00
- DC504 Counter / Timer, \$129.00
- DC504A Frequency CounterDC-100MHz, \$199.00
- DM501 Digital Multimeter, \$99.00
- DM502 Digital Multimeter, \$149.00
- FG501 Function Generator, \$129.00
- FG503 Function Generator, \$129.00
- PG501 Pulse Generator, \$129.00
- PG505 Pulse Generator, \$225.00
- PS501 Power Supply, \$89.00
- SG503 Leveled Sine Wave Generator, \$499.00
- TG501 Time Mark Generator, \$499.00

****TEK 5000 Plug-in****

FG5010 Programmable Function Generator, \$999

275 MHz Scope



HEWLETT-PACKARD 1720A PORTABLE SCOPE, DC to 275 MHz response with dual channels, large 6x10 CM display, and selectable input impedance 50 ohms or 1 meg-ohm.

Modes Channel A or B, A+B, A & B alternating, A & B chop. Deflection: 5 mv-5 V/div in 10 calibrated steps, 1-2-5 sequence plus vernier to 12.5 V. Sweep: 10 ns-0.2 s/ div in 23 steps, vernier to 0.5 sec and X10 magnifier. Trigger normal, auto or single. Delay sweep: 10 ns-0.1 s/div in 22 steps, vernier to 0.25 sec; delay time varies 0.02 us-2 sec. Calibrator 1 KHz squarewave, 1 V p-p. Requires 115/230 VAC 50-440 Hz, 38 lbs.

#HP-1720A-UR, Used Repairable, \$375.00
 #HP-1720A-CH, Checked, \$475.00

Similar except DC-150MHz, repairable, #HP-1710A,\$325
 Similar except DC-100MHz, repairable, #HP-1741A,\$275

Manual repro for HP-1710A, #MM-HP-1710A, \$30
 Manual repro for HP-1720A, #MM-HP-1720A, \$30

TEK 100 MHz Scope

TEKTRONIX 465M (AN/ USM-425)



OSCILLOSCOPE, militarized portable dual-trace unit has response DC to 100 MHz and 8x10 CM display. Deflection 5 mv to 5 V/div in 10 calibrated steps, 1-2-5 sequence plus vernier. Vertical modes: TRIG View, 20 MHz BW, CH 1, ALT, Add, Chop, CH 2 or X-Y. Sweep 0.05 usec to 0.5 sec/div in 22 steps plus vernier; delay 0.05 usec to 50 msec/div. Inputs: 1 Megohm paralleled by 20 pf. Also X10 magnifier, adjustable handle, and manual copy. Front cover is not available. Requires 100-132/ 200-264 V 48-440 Hz; 19.2x12.8x7, 32 lbs sh. #TEK-465M-UR, Used physically OK but power supply troubles,\$225
 #TEK-465M-CH, Checked, \$375.00

20 MHz Scope



BALLANTINE 1066B PORTABLE OSCILLOSCOPE, Dual-trace unit has DC-20MHz response and 5 mV/cm sensitivity. Rise time is 17.5 nsec. Time base includes x10 magnifier for speeds from 50

nsec/cm to 25 sec, full-screen. 18x12.5x7.1, 23 lbs sh. #BAL-1066B-UR, Used Repairable with manual repro, \$150.00

Tek Plug-in Adapter

Tektronix type 81 DC-30MHz Vertical Plug-in Adapter. Allows the use of all 1-series and letter-series plug-ins with 580-series oscilloscopes. Tube type version.



12.2x5.9x7.1, 6 lbs sh.
 #TEK-81, Used, \$29.95

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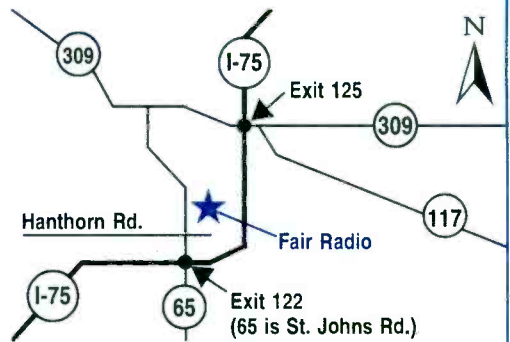
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100KV Capacitor



0.4 MFD 100,000 VDC CAPACITOR, A high voltage experimenter's dream! 41" long x 8.7" diameter 0.4 MF 100,000 VDC capacitor removed from an exotic government project! Non PCB. 1.4" L x .5" dia #18 stud ends, 97 lbs sh. #100MV04, \$350.00

Spanner Wrench



SPANNER WRENCH FOR MILITARY GRC CONNECTORS. Fits the retainer ring on the GRC and VRC connectors. Makes it much easier to take

those connectors apart. Set contains the following sizes: 0.6", 1.25", 1.45", 1.6", 1.85". 1 lb sh. #SPAN-GRC, Unused but need cleaning. \$16.95

TS-656 Test Meter

TS-656 Electrical Meter Test Set supplies accurately metered AC and DC voltages and DC current to test meter movements. AC, DC voltages 0 to 2.5, 5, 10, 25, 50, 100, 250, 500. DC current: 0 to 100 ua, 250 ua, 500 ua, 1 ma, 2.5 ma, 5 ma, 10 ma 25 ma 50 ma, 100 ma, 250 ma, 500 ma and 1 amp. Requires 120 v 60 hz. 55 lbs sh. 17.75 x 14.25 x 11.75, With operators info. #TS-656, Used Reparable, \$149.50



Steel Guy Assembly



1/8 inch steel guy cable on steel bracket with locking pulley and tension adjustment. Use for field day antenna guy or other wire support use. 9 lbs., Used,

#GUY-36, 36 ft, \$19.95
 #GUY-44, 44 ft, \$21.95
 #GUY-62, 62 ft, \$27.95

Sweep Generator



SG-677 Sweep Generator, solid-state covering 0.5 to 1200 MHz in ranges 0.5-300 & 300-1200 MHz; output 0.5Vrms into 50 ohms.

Sweep width continuously variable 0.01-1 MHz (Narrow), 0.5-400MHz (Wide). Sweep rate continuously variable, 5-60 Hz. Attenuation 0-70DB in 10DB steps + vernier; markers 1-10-50MHz. Requires 115VAC 60/400Hz. 10.5x19x17, 38 lbs sh. #SG-677, Used Reparable, \$275.00; Manual Repro, \$15.00

Coax Relay

RE-275 APDT Coax Relay, operates over 100-400 MHz, 24-28VDC coil. VSWR better than 1.1; cross-talk better than 60DB. Three BNC connections. 2.5x 3.2x1.7, 2 lbs sh. #RE-275, Used, \$25.95



Antenna Loop



Each loop is constructed of interlocking plastic structural bars and spreaders to form the loop. The spreader has notches for 24 turns of enameled wire which is wound around the framework. Each section of the loop is approximately 3"x7.5"

Hexagon loop kit (6 sides) 330 microhenries, aperture of 153 sq in. #HEXLOOP, \$9.95
 Octagon loop kit (8 sides) 490 microhenries, aperture of 280 sq in. #OCTLOOP, \$12.95
 Decagon loop kit (10 sides) 660 microhenries, aperture of 440 sq in. #DECLOOP, \$14.95

Flat plate sliding capacitor kits use w/ above loops. Three plate capacitor 10 - 180 pf #3PLATECAP \$13
 Five plate capacitor 10 - 365 pf #5PLATECAP \$15

Power Amplifier ARC-105

HF Power Amplifier from ARC-105, 400 W PEP 125 W AM 2- 30 mhz in 8 bands. Module has two 7204 tubes and associated output tuning circuitry. Band selection is controlled by 28 vdc motor. The grid tuning circuitry is NOT part of this module. Output inductor is tuned with 115 v 400 Hz motor. Requirements 1500 VDC, 28 VDC, 27 VAC filament, 115V 400 Hz. #PA-105, \$125



Vintage Radios !!

VINTAGE RADIO LINE ITEMS see our website <http://www.fairradio.com/Vintage.htm> for current stock. At time of printing we had these items in stock. All items are used not checked.
 RT-178/ARC-27 UHF 225 -400 mhz AM Transceiver and control box with connectors. \$175.00
 R-5A/ARN-7, \$150.00
 BC-348 Various models, Email or Write
 RT-82/APX-6 IFF 800-1300 MHz, \$95.00
 AN/GRR-5, AC only, \$225.00
 ARC-1 less front cover, \$125.00
 BC-433 Radio, \$150.00
 T-67/ARC-3 Transmitter, \$80.00
 R-77/ARC-3 Receiver, \$75.00

Tesla Books



"Tesla: The Lost Inventions", Here are the suppressed inventions of Nikola Tesla. His later inventions, have never been utilized as Tesla intended despite their potential for advancing technology of modern civilization. Among these inventions: high-frequency lighting, the magnifying transmitter, a radical high-power radio, and many more. 42 illustrations.

#BK-TLOST, List price, \$7.75; Our price, \$6.95

"Tesla Coil", You'll find a wealth of information on one of the best-kept secrets of electric technology, plus all the facts you need to build a Tesla coil on any scale. A well-tuned coil's output is harmless but can perform amazing tasks. Light your home, farm, or ranch at a fraction of the usual cost. Build a powerful radio transmitter. 26 illustrations.



#BK-TCOIL, List price, \$7.75; Our price, \$6.95

"Son of Tesla Coil", Can Tesla coils do real work? Can they power an alternative fluorescent lighting? Build a "third generation" Tesla coil. Discover the magic of oil immersion, of close coupling, and of precise pulsing. Learn how to drive a Tesla coil from low-voltage battery power. Build a solid-state pulse generator and a Tesla lighting plant. Can battery-powered Tesla technology aid us in the next big blackout? Will Tesla be the next big step forward in home power? 40 illustrations.

#BK-TSON, List price, \$7.75; Our price, \$6.95

"Radio Tesla", The Secret of Tesla's Radio and Wireless Power. This booklet details the radical radio technology of Nikola Tesla. Early elemental wireless devices like Tesla's and many others shown in this booklet are worthy of study because they remind us that powerful radio technologies can be so simple and accessible. Modern radio took a lot from Tesla, but what did it ignore? Also in these pages: grounding rediscovered, the suppression of amateur radio, radio-free energy and much more. 66 illustrations.



#BK-TRADIO, List price, \$7.75; Our price, \$6.95



"Tesla: The True Wireless", In Nikola Tesla's own words, this is the inventor's final published statement on how radio, at the radical, really works. He insists that the amount of energy that can be transmitted is "billions of times

greater" than conventional radio would allow. Can we transmit electric power to our homes and work places without wires? Can the unsightly and fragile grid come down? Tesla says Yes. 21 illustrations.

#BK-TTRUE, List price, \$7.75; Our price, \$6.95

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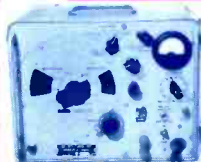
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CATALOG WS-81

10 KHZ TO 50 MHZ



AN/URM-25F SIGNAL GENERATOR, covers 10 KHz to 50 Mhz AM in nine bands. RF output: 0.1 to 100K micro volts into 50 ohms; 2 V adjustable across high load impedance. Modulation 0-50%, 400 or 1000 Hz internal. 1 Mhz calibrator; designed accuracy $\pm 0.05\%$ above 10 Mhz. Requires 115 VAC 50-1000 Hz. 11 $\frac{1}{2}$ x 14 x 10 $\frac{1}{2}$, 44 lbs. Used, reparable \$145; Checked, \$210.

ACCESSORIES, available w/purchase of URM-25F: MANUAL, partial reproduction, \$10.00
CX-2919 test lead adapter, \$7.50
CU-406 impedance matcher, 500 ohms up, \$7.50
CU-408 impedance matcher, 70 ohms, \$7.50
DA-109 dummy load, \$6.00
BNC cables, 6", \$1.00; 4 feet, \$1.25

AN/URM-25D SIGNAL GENERATOR, older version of URM-25F; eight bands and designed frequency accuracy $\pm 0.25\%$ above 10 Mhz. Less front cover. Used, reparable, \$125.00



ACCESSORIES w/purchase: MANUAL, partial reproduction, \$10.00
MX-1487 impedance adapter, \$6.00
SM-35 antenna simulator, \$5.00
CN-223 5:1 attenuator, \$5. CN-224 10:1, \$6.

PVS-3 NIGHT VISION

AN/PVS-3 MINIATURIZED STARLIGHT SCOPE ASSEMBLY, night vision device originally used for weapon's sighting but probably adaptable for other uses. Assemblies consist of front optics, intensifier tube housing, and weapon's mount for M-16 rifle with adapter bar. Units designed to use mil-8858 image intensifier tube (current Varo #1462-series priced over \$1800.00) which magnified existing light 40,000 times and had automatic brightness feature. Useful cathode diameter 18 mm. Required 2.65 VDC supplied from BA-1533 battery (not available). Sets are sold less intensifier tube and rear ocular sighting piece; adjustments may be required. Size: 2 $\frac{1}{2}$ " dia X 11" housing; 6" high with mount. Used, as above with case, \$165.00



Marginal light filter, for daytime low-light use, \$12.00 when purchased with assembly.

455 KHZ SSB-BFO

455 KHZ SSB-BFO KIT, originally a SSB modification for a commercial receiver which can be adapted to provide SSB reception for most receivers having a final IF of 455 KHz. Has 456.5 and 453.5 KHz crystals (USB & LSB) and normal variable BFO function 451-459 KHz. Output 2.2-3.4 volts. Requires 108 VDC & 6.3 VAC. W/knobs, dial plate, 6AU6 tube, schematic. Shaft 5 $\frac{1}{2}$ " lg X $\frac{1}{4}$ " dia; box excluding 6AU6, 4 $\frac{1}{2}$ x 2 $\frac{1}{2}$ x 2 $\frac{1}{2}$, 3 lbs. #MR-415-52 NEW \$15.95



PERFECTION



COMPUTER PERFECTION, four games to test memory skills: Countdown and Black Hole for one player, Brainbattle and Lightrace for two players. Each game has three skill levels. Also has test mode and "repeat" mode which re-runs the winning sequence of a game for the next game. Has TMS1100NLL chip, 10 LED's, sound element, and three slide switches. Uses 2/9 VDC transistor batteries (not included). 4 $\frac{1}{2}$ x 4 $\frac{1}{2}$, 1 lb. Board only as shown, w/instructions, \$4.50

MOTOROLA TRANSCEIVER

MOTOROLA FM MOBILE TRANSCEIVER, transmits in 144-174 Mhz range, receives between 450-470 Mhz. #TD6050AB transmitter section has output of 25 watts min. (144-167 Mhz), 20 W min. (167-174 Mhz) using single crystal-controlled channel. Crystal multiplication 24 times; 50 ohm output impedance. Has nine tubes including 6146 in power amp. #XRE1000-AH receiver has dual squelch "Private Line" or separate tone-controlled and carrier squelch circuits. Two crystal-controlled channels; 455 KHz final I.F. Audio output 2 watts into 3.2 ohms. With 14 tubes. #XPN-6003B transistorized power supply requires 12 VDC input to supply voltages for transmitter and receiver. Crystals, control head, and other accessories not available. With schematics. 6x10x19 $\frac{1}{2}$, 28 lbs. Repairable, \$55.



GRID-DIP METER

AN/PRM-10 TEST OSCILLATOR a grid dip meter designed to determine resonant frequencies of tuned circuits or the frequency of RF signals. Uses seven plug-in coils covering 2 to 400 Mhz in ranges 2-5, 5-10, 10-22, 22-45, 45-100, 100-250, and 250-400 Mhz. Amplitude modulation about 30% produced by 1 V across 150K ohms from external oscillator. Functions as a miniature receiver or transmitter when tuning head and coil are placed near circuit in question. Results indicated on tuning head meter or can be heard with earphones. PRM-10 includes set of coils, tuning head, power supply, transit case, and schematic. Requires 115 VAC 50-1000 Hz. 8 $\frac{1}{2}$ x 11 $\frac{1}{2}$ x 5 $\frac{1}{2}$, 20 lbs sh. Used, reparable, \$95. Checked, \$135.



AC LINE REGULATOR



J-95/CRD-2 POWER CONTROL BOX for controlling and monitoring 115 or 230 VAC power circuits up to 500 watts. Consists of autotransformer w/10 step voltage control from 96 to 137 VAC and 240 VAC. Also features 3 $\frac{1}{2}$ " round 11-reed 55-65 Hz line frequency meter, 3 $\frac{1}{2}$ " round 0 to 150 VAC meter, 5 and 10 amp circuit breakers, and overload relays. 14 $\frac{1}{2}$ x 14 x 13, 72 lbs sh. Used \$60.

HEWLETT-PACKARD SCOPE

HEWLETT-PACKARD 120B OSCILLOSCOPE, general purpose DC-450 KHz unit with 5" display suitable for audio and video work.



Sweep: 1 u-sec/cm to 0.5 sec/cm in 15 calibrated steps plus vernier adjustment and x5 expansion. Vertical sensitivity: 10 mv/cm-100 V/cm using 4-step attenuator and vernier. Vert. input impedance: 1 megohm shunted by 50 pf. Horizontal sens: 0.1 V/cm-100 V/cm using 3-step atten. and vernier. Includes 5A2P CRT and beam finder. Requires 115/230 VAC 50-1000 Hz. 6 $\frac{1}{2}$ x 16 $\frac{1}{2}$ x 18 $\frac{1}{2}$, 42 lbs sh wt. Used, reparable, \$135.00; Checked, \$185.00 MANUAL, \$10.00 when purchased with HFL20B.

ORDERING INFORMATION SEE PAGE 2

MINIMUM ORDER \$5.00

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CATALOG INFORMATION

This IS the only catalog we will issue this year.

A supplement will be sent in the Fall.


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SHUNT
50 MV. 15 AMP
SIZE: 2x1 1/2 x 1 1/2
6625-810-6742
UNUSED \$2.50




FS=50 UA w/ mirrored scale, zero adj. Scale: 4.0-20.0 GMS % HEMOGLOBIN. Mount on panel front or behind. Fits 2 1/2" dia. hole. 5 1/2 x 6 x 2; Beede mfg., \$7.95




CALBIOCHEM meters, FS=50 UA 2-3/8" square. Used, \$4.95
#200037, 0-150 -350% GLUCOSE scale.
#200039, 0-.3% BLOOD ALCHL.
#200056, 4-24% HEMOGLOBIN




TUBE TEST
REPLACEMENT METERS f/MERCURY tube checkers. Bad?-Good scale; can be changed.
#990 FS-1 ma 2 1/2 x 2 1/2 \$3.00
#390 FS-1 ma 3 1/2 x 3 4.00
#3958 FS-1 ma Fan type 3 1/2 x 3 x 3 4.25
#1000 FS-1 ma 4x4 5.00
#9000 FS-5 ma curved fan type 7x5 6.00




CB METERS clear plastic w/black scales.
Scales are not linear. Size: 1-9/16" sq. NEW \$2 ea
#3WR/CEM, FS=250 ua (100 ua center); 1-2-3-5-cal sc.
#PWR-3/CEM, as above but 0-5 pwr, 1-9 S-units.
#3-PWR/CEM, FS=200 ua (75 ua ctr); 1-9 "S", 1-5 pwr.




CLEAR PLASTIC METERS, 2-3/8" sq. fit 2-1/8" dia. hole. EMI mfg. Unused.
#D1145-2, 0-5-50 MADC, FS=5 madc, \$4.95
#D1159-1, 0-50-500 MADC scale, FS=50 madc, \$4.95
#D3630, 0-3 VDC, \$4.95



MICROMHOS DYNAMIC MUTUAL CONDUCTANCE USED IN 1-177 tube CHECKER BASIC 0-1.4 MA. HICKOK #M547A STK# 3F1350 \$4.95




TV-2 REPLACEMENT METER, 0-250 SCREEN VOLTS, FS=1 MA, 2 1/2" RD. SEALED. NEW \$5.95




DECIBELS
-10-0-64 DB 6MW 600 OHMS 2 1/2" RD. WEST. 2837 \$4.95
-12-0-84 DB 100 UA=FS 3 1/2" RD BLK. RUGG. WAC4586 N \$7.95
-12-0-+8 DB, FS=100 ua, 3 1/2" rd. blk. face. Used, \$5.95
-20-0-34 DB FS-199 MUA 2 1/2" R #GA50934 USED \$4.95

OTHER VALUES IN STOCK, WRITE
POWER SET +6 to 0 to -3 2 1/2" RD. FS-200 UA, WAGLINE 1496/400 RUGG/SEAL U \$3.95


MULTIMETERS by Modutec. 5x4, zero adj, mirrored scale. Fits 2-5/8" dia. hole.
#841256, 0-10 VDC-UA-VAC rms; FS=50 uadc. New \$7.95
#841974, 0-10 VDC-AC rms-UA DC, 0-28 VAC p-p, OHMS. FS=100 uadc, new, \$7.95
#821155, 0-±100 VDC, 0-75-150 MADC; FS=100 uadc. Not mirrored; 3x2 1/2. Fits 2-1/8 dia. hole. Unused, \$5.95



DUAL SCALE METER 0-1 MA MOVEMENT TWO MECHANICALLY SWITCHED SCALES, 0-25, 0-125. FOR BEHIND PANEL MTC. CAN BE ILLUMINATED SHAFT EXTENDS 3/8" FRONT AND REAR. 2 1/2 x 1 FACE, 2 1/2 x 3 x 1 1/2 OVE ALL. UNUSED \$4.95



ROENTGENS PER HOUR METER 50 MICROAMPERE D.C FULL SCALE 3 1/2" RUGGEDIZED REMOVEABLE PLASTIC LENSE, BLACK FACE.
TOP SCALE 0-500, LOWER 0-10 #300-10764 UNUSED \$3.95




BALLENTINE V.T.V.M. METER ONLY AC VOLTS 1-10 DECIBELS 0-20 WESTON 643 4 1/2" OR EQ. MFG. PT. NO. 205007 NEW STK#6625-557-0899 \$8.95



OUTPUT METER FOR FS-497B AND TS-497C SIGNAL GENERATORS. 300-0-300 DC MICROAMPS. 3 1/2" RD. WARION H53, #5705 NEW \$7.95



DC VOLTMETER 3 IN. SQ. NO SCALE COLORED SEGMENT SIMPSON MFG. NEW 50 VDC #1913 \$6 25 VDC #1906 \$6




REPLACEMENT METERS, good meters removed f/equipment.
TS-352/ME-9 4 1/2" rd., \$15.00
ME-26D, 4 1/2" rd., \$15.00
ME-81/USM-34, unused, \$12.
TV-7 tube test, 3 1/2" rd., \$12
RT-66-67-68 xmitters 1 1/2" \$8


GENERAL ELECTRIC AD-6 PANEL METER 0-300 VAC 25-125 Hz, high accuracy for lab use. Metal case 5 1/2 x 5 1/2 x 4 1/2, 6 lbs sh. Unused, \$9.95



RUNNING TIME
RUNNING TIME METER, 3 1/2" rd, 5-place; 115 VAC 60 Hz. #RIM-WRT-1, Used, \$9.95



LP-GAS METER, 0-1 VDC full scale. Mounts in 2" dia. hole. Chrome finish #48560-2, \$1.50 ea.



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Include sufficient money for shipping charges. (UNUSED PAYMENTS RETURNED AT ONCE.) Otherwise we will send shipping charges collect.

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DESCRIPTIONS
ALL MATERIAL OFFERED IN THIS CATALOG IS IN "USED-COMPLETE" CONDITION, UNLESS QUALIFIED AND/OR NOTED AS "RECONDITIONED," "UNUSED," or "NEW."
MERCHANDISE IS NOT OPERATIONALLY CHECKED UNLESS SPECIFIED AS "CHECKED."
EQUIPMENT DESCRIBED AS "REPARABLE"--MEANING "ABLE TO BE REPAIRED"--IS ELECTRO-MECHANICALLY COMPLETE, BUT REQUIRES SOME TROUBLESHOOTING BY THE CUSTOMER.

AC VOLTMETERS

- 0-3vac 3"RD. SUB PANEL MTG 1000 P/V 2F8003-11 NEW \$7.
- 0-7.5VAC 3"RD. STD. WEST. CAY2237 NEW \$6.95
- 0-10 VAC 2 1/2" rd. \$4.95 3 1/2" rd or sq \$5.95 var.mfg.
- 0-30 VAC 3 1/2" rd. various mfg. unused \$8.95 used \$7
- 30-150 VAC 60 Hz, various mfg: 2 1/2" rd., used, \$6.95 3 1/2" rd., used, \$8.95
- 0-300 VAC, 2 1/2" rd., used \$6.
- 0-100 VAC, 3 1/2" rd., Hickok Model 47M, used, \$5.95
- 0-15 VAC, 3 1/2" rd., various mfg., used, \$5.95
- 0-50 VAC, 1000u/v, 3 1/2" sq. WESTON 301, UNUSED, \$6.95

AC AMMETERS

- 0-150 ACA, 3 1/2" rd, FS=5 amp black face, unused, \$6.95
- AC MILLIAMPERES Rectifier type, 0-250 & 0-500 scale 2 1/2" rd. ruggedized Marion Electric EM-2 \$6.95
- 0-10 MFS AC, 3 1/2" rd., Weston 1534, unused, \$12.00
- 0-125 ACA FS=5A for 400 Hz 3 1/2" rd. Hickok #470951 \$10
- 0-100 microamp a.c 2 1/2" rd. Weston-506 or equal UN \$6.95

D.C. MILLIAMPS, D.C. VOLTMETERS

- FS=1 MADC, 0-5-25 indicated 2 1/2" rd. sealed. #1031 \$4.95
- 0-3 MA-DC, 3 1/2" rd. sealed, #4081, unused, \$6.95
- 0-80 DCMA SCALE 2 1/2" RD. RUGG. #8274 N \$4.95
- 0-100DCMA 100MA. MOVE. 3 1/2" RD. RUGG. #4265 N \$6.95
- 0-150 DCMA SC. USED 3 1/2" RD. STD. CAY22061 \$5.95
- 0-200 DCMA SC. 2 1/2" RD. USED #MR25200DCMA \$3.95
- 0-200 DCMA SC. 3 1/2" RD NEW GE-CG22063 \$5.95
- 0-20 MA-DC, 3 1/2" rd. Various mfg. Used, \$5.50 Unused \$7.
- 0-500 MADC, 3 1/2" sq. Simpson Used, ptr. tip bent, \$4.95
- 0-15-300 MA-DC, FS=15 madc, 3 1/2" rd. Various mfg. \$5.95
- 1-0-1 MADC, 3 1/2" rd sealed; various mfg., used, \$5.95
- 0-50 MADC, 2 1/2" rd., various mfg., used, \$6.95

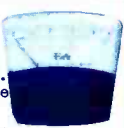
OTHER VALUES IN STOCK, WRITE

D.C. MICROAMPS.


- 0-200 UADC, 3 1/2" rd. sealed; Var. mfg. #3981, new, \$3.95
- 0-200 UADC and -8-0-+6 DB, 2 1/2" rd. sealed, new, \$4.95
- 0-500 UADC, 2 1/2" rd., Var. mfg. Used, \$4.95
- 500-0-500 UA-DC, 3 1/2" rd., various mfg., unused \$6.95
- 100-0-100 UA-DC, 2 1/2" rd. sealed; Honeywell, U, \$4.95
- 50 UA MOVEMENT, SCALE -30, 0, 150, POINTER AT ZERO, SEAL ED, 2 1/2" RD USED TRC30150 \$4
- 50 UA MOVE, SCALE 0-100 % MOD/PEAK VOLTS. SEALED 2 1/2" RD USED TRC10050 \$4.00
- FS-50 UA, 0-3000 watt scale 3 1/2" rd sealed, unused \$6.95
- 0-100 UA-DC, 2 1/2" RD. SEALED VARIOUS MFG., USED, \$4.95

OTHER VALUES IN STOCK, WRITE

FAN-SHAPED METERS, plastic w/ zero adj. 3" top 2 1/2" bottom; 3" H. Fits 2" dia. hole. EMI mfg. Unused. #EMI-200UA, 0-50-150 VDC, FS=200 ua, \$4.95
#EMI-5VDC, 0-5 VDC, \$5.95
#EMI-25VAC, 0-25-250 VAC scale; FS=25 VAC, \$5.95
#EMI-FS-50MA, 0-500 MADC scale; FS=50 madc, \$5.95



SMALL METERS 1 1/2" square; sealed \$6 #20UA10, 0-20 UA x10; FS=200 ua. #3538; 0-10; Full scale 1 ma. Intl mfg. #0728, 0-10, FS=50 mv; blk face, Weston 151. Unused. #7963; 0-10 scale, FS=1 ma, 1 1/2" dia., Ideal S-100.



- 0-50 VDC EDGEWISE; 1 1/2" X 1 1/2". HONEYWELL, NEW, \$8.
- 0-15-600 VDC, 2 1/2" rd black face; w/mult. code-Used \$6.
- 0-10 VDC, 3 1/2" rd. Various mfg. Used, \$5.95
- 0-5 VDC, 3 1/2" rd., various mfg., used, \$6.95
- 0-50 VDC, 3 1/2" rd or square, various mfg., used, \$7.95
- 0-100VDC SC. 2 1/2" RD. RUGGED #9545 NEW \$5.95
- 0-75 VDC, 3 1/2" round. Various mfg. Unused \$8.95
- 0-200 VDC, 3 1/2" rd. sealed; various mfg. Used, \$6.95
- 0-300 VDC, 2 1/2" round; various mfg. Unused \$5.95
- 0-500VDC SC. 3" SC. #231-1624 Used \$5.95
- 0-500VDC SC. 2 1/2" RD. RUGGED FS-50MUA #683-9829 NEW \$5.95
- KILOVOLTS DC, FS=1 MA: 0-1.5 KVDC 3 1/2" rd. Used \$6. 0-4 KVDC, 3 1/2" rd. Unused \$7


OTHER VALUES IN STOCK, WRITE

R.F. AMMETERS

- 0-5 RFA 2 1/2" rd. 20hz-20mc CAY-22026A cal. 60hz \$9.95
- 0-15 RF AMMETER, 3 1/2" rd.; various mfg., used, \$16.95
- 0-100 RF MILLIAMMETER, 2 1/2" rd sealed; unused, \$9.95
- 0-5 Ant Curr. w/trans coil, 2 1/2" rd. M101/ART-13 used \$9
- 0-15 RF, 3" sq. FS=1 ma; Simpson 271, U, \$8.95

AC FREQUENCY


METER
48-52 and 58-62 HZ, 100-150 VAC, ten reads. 3 1/2" rd sealed; 2 lbs. #974-9364, unused, \$27.95



DC AMMETERS

- DC AMMETERS, FS=50 mv Used 0-50, 2 1/2" rd., \$5.95
- 0-150, 3 1/2" square, \$7.95
- 0-200, 2 1/2" rd-UNUSED, \$8.
- 0-1500, 3 1/2" rd., \$7.95
- 0-2 ADC, 3 1/2" rd., Westinghouse IK-35, used, \$8.95
- 0-50 ADC, 3 1/2" rd., Weston 301; unused, \$13.00
- 0-10 AMPS DC, 3 1/2" rd., various mfg., used, \$10.95
- AUTOMOTIVE TYPES, 2 1/2" rd: -40-0-40, unused, \$3.95 50-0-50, unused, \$5.95

BIG LOOK
0-20 DCA SCALE 50 mv 3 1/2" N \$8.



SWITCH & LAMP PANEL

DATA CONTROL & INDICATOR PANEL, an excellent source of components such as switches and indicator lights.

Has seven hexadecimal rotary switches with skirted knobs marked O, 1, 2, ..., D, E, F; one hex switch 0-7; five rotary switches less knobs (one each 4-, 5-, & 6-position, two 8-pos) with one selected position open--all others making; 2/SPDT push sw; 12/SPDT toggle sw; and 70/4 V 47 ma indicator lights--mostly with white plastic lenses. Panel size: 11x27x2, 15 lbs sh wt. #DC-IP/NCR, \$17.95



CARTRIVISION COMPONENTS

FISH TANK



FISHTANK OF ELECTRONIC COMPONENTS, P/O VIDEO TAPE SYSTEM. CONSISTS OF DEMODULATOR, SERVO-AMP, DROPOUT COMPENSATOR, PER/POST PROCESSOR DC POWER SUPPLY (115 V 60 HZ; OUTPUT -12/-12 IAMP REG, 5 VOC | AMP UNREG. MANY PARTS, IC's, FET, TRANSISTORS, TRANSFORMER VARIABLE RESISTORS, CAPACITOR MORE! SIZE 14x12x6 1/2 WT 15 \$14.95

2 FOR \$25.

TIMER BONANZA

CARTRIVISION TIMER CONTROL, 115 VAC 60 Hz MOTOR w/SPDT CONTACTS; UP TO 8 HR. DELAY. 18 V. 200 MA TRANSFORMER; 12 VDC SPDT RELAY; SPDT & 4PDT (CENTER-OFF) SLIDE SWITCHES; SPST MICRO-SWITCH; TRANSISTORS, RECTIFIERS, ETC. \$1.95



3 FOR \$5.

DOLLAR DAZE

PLEASE ORDER BY NUMBER. Unit prices only as indicated. Look for more DOLLAR DAZE throughout this catalog.

40-81 8" x 17" PLEXIGLASS SHEETS, 1/8"th Specify CLEAR, \$1. SMOKED, \$1.25

LOUD BUZZER-HORN as used in smoke alarms; 2" dia x 1 1/2". 6 VDC, \$1.25 ea. 12 VDC, \$1.35 ea.

RECEIVER-TRANSMITTER CHASSIS, solid-state, broadcast band. \$2.00

SENYRY ALARM; buzzes when pin pulled. 2 1/2x3x1 1/2, 9v. \$1 3/4 \$2. 10

BRASS COUPLINGS for 3/8" dia. x 3/4" long shafts. 3 for \$1.00

MOBILE RADIO PLATE w/switch light, jack, 6" 10-cond. cable. Plate 3 1/2x3 1/2. \$1.00

LEATHERETTE INSTRUMENT CASE, 8 1/2x2 1/2x4, two sections. \$1.50 2/\$2.50

MIXED HARDWARE: screws, nuts, washers removed f/equip. Usable; 3 lbs. \$1.00

MAGNETIC ID HOLDER, 3 1/2x1 1/2; metal, clear slide cover, \$1. 2 for \$1.50

LEVEL METER, FS-150 UA, 3/8x7/8 face; o/a 1x1x 1/2. \$1.00 3/\$2.00

SPEAKER, 3" dia. 8, 1 watt. Sanpo SP024, new, \$1.00

Cermet Trimmer

195/RJ12 CERMENT TRIMMERS 1 1/2" RECTILINEAR 23 TURN. 79¢ EACH. 2 FOR \$1.50



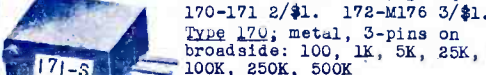
200 1K 250K 500

WESTON 840P plastic 3/8" sq. 3-pin on broadside; trimmer opposite. 50KΩ 4/\$1



1/2" lg. 200, 100K, or 200K. 2 for \$1.

CERMET and other manufacturers as available. TYPES 170 thru M176, 1/2" sq. 170-171 2/\$1. 172-M176 3/\$1.



Type 170; metal, 3-pins on broadside: 100, 1K, 5K, 25K, 100K, 250K, 500K

171-T; metal top adj., 3-pin on thin side: 200, 250, 2000 500K, 1 MEG.

171-S; metal side adj.: 200; 5K, 10K, 100K, 250K, 500K, 1 MEG.

172; metal, wire leads: 100, 200, 1K, 2K, 5K, 25K, 50K, 100K, 250K, 500K, 1M.

M174; plastic, 3 pins on broadside: 100, 1K, 2K, 10K, 50K, 200K, 1 MEG.

M175; top adj., 3 pins thin side: 500K.

M176; wire leads: 1K, 500 K.

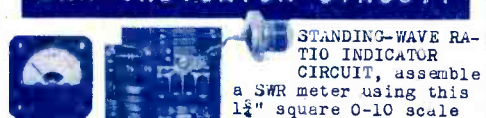
TYPE 165-T, 3/8" sq. plastic, top adj.: 100, 500, 2K, 250K, 500K, 1 MEG. 3 for \$1.00

165-S, 3/8" sq., side adj.: 50, 100, 200, 500, 2K, 5K, 250K, 500K, 3 for \$1.00

TYPE 335; metal, 1 1/32" dia., 3 pin short lead; 39¢, 3/\$1.00: 50, 100, 500K.

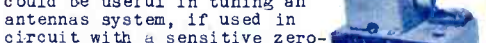
ARRL HANDBOOK 1978 RADIO AMATEUR'S HANDBOOK, nearly 700 pages of handy reference material; softbound. Last time around-Originally, \$5-50--then \$2-50; NOW, \$3.00

SWR INDICATOR CIRCUIT

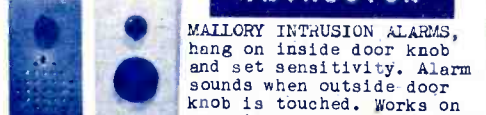


STANDING-WAVE RATIO INDICATOR CIRCUIT, assemble a SWR meter using this 1 1/2" square 0-10 scale (FS=2 MA) meter with filters and rectifiers and a modified Schering bridge. One pair of bridge arms is resistive, the other capacitive. In theory the bridge circuit is balanced when the antenna is tuned to 52 ohms resistive resulting in a zero reading on the meter. 30-239 connector. Bridge: 2x2x1; 2 lbs. #M701/CU-991, \$8.95

PHASE AND LOAD DISCRIMINATOR, could be useful in tuning an antennas system, if used in circuit with a sensitive zero-center microammeter. Phasing and loading discriminator produces ±DC voltages proportional to the reactance of a system. Phasing output shows the type of reactance (capacitive or inductive) and the loading's indicates the amplitude of impedance referenced to 52 ohms resistive. In both cases zero DC output is ideal (may not be obtained in practical circuit). A third output is proportional to relative antenna current. 2x3x3; 2 lbs. sh #T201/CU-991 w/diag., \$4.95



INTRUSION



MALLORY INTRUSION ALARMS, hang on inside door knob and set sensitivity. Alarm sounds when outside door knob is touched. Works on capacitance discharge. Will not work with steel doors. 2 lbs sh. NEW. #DRS-AC, loud clacker, 115 VAC 60 Hz, \$8.95 #DRS-DC, w/Sonalert, 9 V battery req., \$9.95

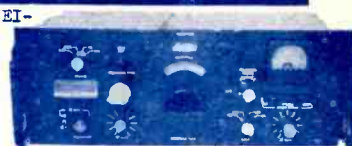
MALLORY

SONALERT

MALLORY #SNP428 SONALERT, 4 to 28 VDC, 2900 Hz cont., 64-78 db. Snap-lock fit into 1.063 dia hole. 1x1-5/8" dia. Similar to picture-\$4.95

0.2 TO 30 MHZ SSB

GL33 HF RECEIVER, 0.2 to 30 Mhz SSB, AM, & CW in thirty continuously tunable bands. Set



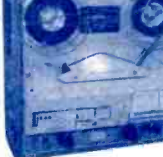
is a Collins 51S1 receiver repackaged by LTV-Temco for military airborne use. It has extended lower frequency range plus a jack for a 14-600 KHz tuner, AM BFO, and extra electronic filtering. Crystal check points every 100 KHz. Final IF 500 KHz. AM BFO variable from 485 to 515 KHz. Controls for CW-LSB-USB-AM, Rejection Tuning, and meter switch RF--10DBM-0DBM. Input impedance: 50 ohms. Audio output impeded: 4 or 600 ohms. Matching phone patch impeded: 500-600 ohms. With tubes 5/6EAB, 3/6BA6, 2/12AX7, 2/6136, 6CD6, 5670, 6BF5, and 6AK6. Requires 115/230 VAC 50-60 or 400 Hz; also 24 VDC 168 ma for the AM BFO only. 6 1/2x18 1/2x13; 40 lbs sh wt. Used, repairable, \$695.00; Checked, \$850.00 COLLINS 51S1 MANUAL, \$15 w/purchase of GL33.

LANGUAGE LAB RECORDER



LANGUAGE LAB TAPE RECORDER, solid-state design; made by General Electronics Lab. Has three heads: one playback only master head on one track and the other two, playback and record, on a second student track. Uses standard 1/2" audio tape on upto 7" reels at speeds 3 1/2 and 7 1/2 ips. In practice, one can monitor the master "instructor's" track while recording responses on the student track. The student track can be played back simultaneously or separately from the master track depending upon control selection. The master-track, which plays in one direction only, can be recorded upon or erased by switching plug-in wires from the student track heads. Besides its original usage, the recorder could be useful for code practice of for sound-on-sound sound audio experimentation. Audio response approx. 300-8000 Hz. Controls for student and master volume, playback-practice select, pause, and the other standard recording functions. Also three motors for very rapid fast forward/rewind, audio level meter, footage counter, 4" built-in speaker, and four plug-in circuit cards for audio, master audio, student audio, and bias oscillator. Uses common 2N2836 and 2N3702 transistors. Tape and reels not included; microphone and schematic not available. Requires 115 VAC 60 Hz. 18x16 1/2x8; 32 lbs net, 40 lbs sh wt. Used, repairable, \$39.50; Checked, \$59.50

WEBCOR RECORDER



WEBCOR TAPE RECORDER, plays and records @ 3 1/2 or 7 1/2 ips; accepts upto 7" dia reels. Has standard features fast forward/rewind plus edit lever, footage counter, and 20-0-20 record level indicator. Also mic, bridge, and external speaker jacks, and built-in speaker. Monaural use only; 100-10000 Hz response @ 7 1/2 ips. Mic input impedance: 500K ohms. With tubes 12AU7, 12AX7, 6X4, 6BQ5, 6HU6, & 7025. Requires 115 VAC 60 Hz. 13 1/2x12 1/2x7; 32 lbs sh. Units checked for basic playback/record; may need further adjustments. Mic and reels not included. #WEBCOR-173B, used, \$39.95; MIC \$6 w/set purchase. MANUAL, partial repro, \$8.50

12 VDC 4 AMP SUPPLIES



STACO SOLID-STATE 4 AMP DC POWER SUPPLIES--NEW-- #RFS-4, filtered 12 V; 5x3x5 1/2, 5 lbs sh. \$12.95 2/\$22. #RFS-4, filtered and regulated 13.8 VDC; 5x3x5 1/2, 7 lbs sh wt. \$18.95 ea. 2/\$35.00

BC & ARC COMMAND SETS

Even though they have been on the surplus market since the end of World War II, the Command Set Receivers and Transmitters are still popular with hams and experimenters. The series consists of either SCR-274N (BC-prefix) or AN/ARC-5 receivers (R-prefix) and transmitters (T-prefix).

As a group, the receivers cover 190 Khz to 9.1 Mhz and the transmitters 2.1 to 9.1 Mhz. Over the years many conversions have been written for the sets. However, the last comprehensive collection of such information, CQ Surplus Conversion Handbook, went out-of-print in 1979.

If you are interested but not familiar with the Command Sets, your best source for info about them may be another ham. Schematics for any of the receivers and transmitters are available from us @ \$1.50 each plus a SASE.

Command receivers are superheterodyne types which may be tuned by the use of a special spin knob or from a remote position with a control box and spline shaft. Each have six tubes: 3/12SK7, 12SR7, 12A6, and 12K8. They are designed to operate from a DM-32, a 24 VDC dynamotor with an output of 250 VDC 60 MA and 24 volts. Shipped less dynamotor. Size: 5x5x11, 15 lbs sh.

R-25/ARC-5, 1.5-3.0 Mhz, reconditioned, \$27.

Command transmitters with proper use can put out 50 watts CW and 30 watts phone. Modulation is obtained from either of two separate units, BC-456 for single tube modulation or MD-7 for push-pull. The 575-600 VDC 175-200 MA and 24 volt power requirements were originally satisfied by the 24 VDC DM-33 dynamotor which mounted on either modulator. The transmitters use a 1629 "eye" tube for tuning and crystal calibration plus tubes 2/1625 and 1626. Size: 5x7x12, 17 lbs. sh.

BC-457/T-20, 4 - 5.3 Mhz, reconditioned \$19.95
BC-458/T-21, 5.3 - 7 Mhz, " \$19.95

BC-456 MODULATOR for use with Command Transmitters; single tube modulation with tubes 1625, 12J5, ODS. Has provision for mounting DM-33 dynamotor. 7x8x10, 11 lbs. sh. Used \$12.95
PUSH-ON TUNING KNOB f/Command Receivers, \$2.
DM-32 DYNAMOTOR, 24 VDC r/receivers, \$4.95
DM-32/12 DYNAMOTOR, 12 VDC r/receivers, \$6.
AC POWER SUPPLY f/Command Receivers w/speaker; our construction. Kit, \$22. Wired, \$27.
MC-215 FLEXIBLE SPLINE, 6', \$1.50
COMMAND SET RECEIVER & XMITTER RACKS:
FT-233/MT-7A, for one receiver, \$2.50
FT-234/MT-69, for one transmitter, \$2.75
FT-226/MT-71, for two transmitters, \$3.25
FT-227/MT-70 SHOCKMOUNT for FT-226, \$2.50
MD-7/ARC-5 MODULATOR, similar to BC-456 described above except uses two 1625 tubes in push-pull for 40 to 60 watts. Used, \$20.00

R-10/ARC BROADCAST BAND RECEIVER, like R-19 listed below but 520-1500 Khz AM, \$22.95

R-19/ARC AIRCRAFT RECEIVER, 118 to 148 Mhz continuously tuneable. No dial; designed for remote tuning with spline shaft. IF-15 Mhz. With tubes 9002, 3/9003, 14A7, 2/14R7, 14F7, and 12A6. Uses accessories similar to ARC-5 Series. Requires 250 VDC 60 ma and 24 VDC. 6x5x11 1/2; 13 lbs. sh. Used, \$18.95

R-11A RECEIVER, 190-550 Khz. Similar to R-19 but has 85 Khz IF and tubes 2/14A7, 14S7, 14R7, 14F7, and 12A6. Used, \$12.95

R-22 BROADCAST BAND RECEIVER, 550-1500 Khz. Similar to R-11. Used, \$24.95

ARC-39 RECEIVER-XMITTER

RT-427/ARC-39 RECEIVER-TRANSMITTER, REPLACES COMMAND SETS; COVERS 2.0 TO 9.1 Mhz IN TWO BANDS; SIX CRYSTAL-CONTROLLED FREQUENCIES PER BAND. RF OUTPUT: 10 WATTS MIN. INTO 10 OHM LOAD (100 PF). 100% AMPLITUDE MODULATION; AUDIO OUTPUT: 200 MW WITH 1000 UV 30% MODULATED INPUT; 800 MW MAX. BANDWIDTH: 8 KHZ @ 6 DB DOWN. METER INDICATES RELATIVE RF OUTPUT TO THE ANTENNA. WITH TUBES 0B2, 2/12A7, 4/5749, 5750, 3/5686, 4/5814, & 3/6159. POWER REQUIRED: 28 VDC 4.4 AMPS WHEN RECEIVING; 8.5 AMPS TRANSMITTING. SIZE: 7x10x21 1/2; SHPG. WT: 42 LBS. PRICE: USED, COMPLETE, \$49.50
MANUAL FOR RT-427/ARC-39, REPRODUCTION, \$10.

225-400 MHZ CONVERTER

AM-914/TRC AMPLIFIER-CONVERTER, originally used with military R-417 receiver plug-in for the 225-400 Mhz range. Continuous tuning of RF and oscillator; 30 Mhz I.F. Unit has conversion possibilities as discussed in R. Grove's article in 10/80 issue of CQ magazine. With tubes 5670 and 4/674. 7x16x9 1/2, 17 lbs sh. Used, \$34.95
Other AMPLIFIER-CONVERTERS, similar to above:
AM-1179/GRC, 50 to 100 Mhz, \$39.50
AM-1177/GRC, 400 to 600 Mhz, \$44.50
AM-3202A/TRC, 1.35 to 1.875 Ghz, \$54.50

AM-915/GRC AMPLIFIER-MULTIPLIER, used in T-302 transmitter for 225-400 Mhz FM range. 120 watts output from two 4X150's. 12x5x14, 45 lbs. Used \$55.
AM-1180/GRC, 50-100 Mhz, one 4X150A, \$49.50
AM-2537/TRC, 790-915 & 840-925 Mhz, \$59.50
AM-3204A/TRC, covers 1.3 to 1.875 Ghz using oscillators listed below; 3/3CX100A5, \$75.
Oscillators for AM-3204A, \$20.00 each:
O-902A (1.3-1.525 Ghz); O-903A (1.525-1.7 Ghz); O-904A (1.7-1.875 Ghz).

SCR-522 RECEIVER-TRANSMITTER, AM CRYSTAL CONTROL, 30 WATT, 4 CHANNEL ON ANY FREQ. IN THE 100-156 MC RANGE. TUBES TRANS. 2/832, 6SS7, 3/12A6, 6G6 REC. 1/9002, 9003, 1/2C6, 12H6, 3/12SG7, 12A6 & 2/12A7.
UNITS CAN BE REMOVED FROM CABINET CASE SEPARATELY. REQUIRES POWER SUPPLY. SIZE: 16x12x10 1/2; WT: 50 LBS. RE-COND \$34.95
CONNECTOR PLUGS, \$1.50 EA. OTHER ITEMS AVAILAB.

R-77/ARC-3 VHF RECEIVER A.M. 100-156 MC, CRYSTAL CONTROL ON 8 PRE-SET CHAN. WITH TUBES 6/6AK5, 3/12SG7, 2/12SN7, 1 EA. 9001, 9002, 12A6, 12H6, 12SL7 & 12SH7. VOLTAGE REQ. 24 VDC & 210 VDC @ 210 MA.
SIZE: 11x7x15; WT: 21 LBS. USED \$24.50
R-5009/ARC-502 SIMILAR TO ARC-3 EXCEPT MADE FOR CANADA. (WE WILL SHIP WHAT IS AVAILABLE)

T-67/ARC-3 TRANSMITTER A.M. 100-156 MC, 8 CHAN. PRESET, CRYSTAL CONTROL. WITH TUBES 2/832, 2/6L6 3/6V6, 1/6J5 & 1/12SH7. VOLTAGE REQ. 24 VDC & 410 VDC @ 325 MA.
SIZE: 15x10x12 1/2; WT: 22 LBS. USED \$24.95
CONNECTOR PLUGS \$1.50 OTHER ITEMS AVAILABLE.

R-445/ARN-30 RECEIVER, 108-135 Mhz, similar to R-19/ARC in other respects, used \$19.95
CV-431/ARC TRANSVERTER, converts 228-258 Mhz to 118-148 Mhz; transmits 228-258 Mhz on 8 xtal channels. Used w/R-19. Re-noved, \$16.
R-89/ARN-5A GLIDE-PATH RECEIVER, channels 332.6, 333.8, & 335.0 Mhz; 10 tubes, \$10.95
R-122/ARN-12 MARKER BEACON, 75 Mhz fixed, \$12

BC-473 REMOTE TUNING CONTROL for tuning Command Sets from remote position or for direct tuning of receivers R-11, R-19, or R-22 by using right angle spline adapter. Dial shows 190-550 KC, but you can change to your needs. Use for tuning only or wire to receiver for volume control and function select. 4x3x2 1/2, 2 lbs. With right angle adapter, unused, \$7.95



R-101/ARN-6 RADIO COMMAND SET RECEIVER, 100-1750 KC IN FOUR BANDS WITH TUBES 6/12SK7, 4/12SX7, 2/26A7, 2/2050, 1/12SY7 & 1/12SX7. POWER REQUIRED 24-28 VDC.
SIZE: 11x7x15 1/2; 40 LBS
PRICE: USED \$39.50

AS-313/ARN-6 LOOP ANTENNA USED \$7.95
ID-91/ARN-6 INDICATOR 3" NEW 8.95
PD-5/ARA-19 TUNING DRIVE USED 9.95
AM-203B/ARA-19 AMPLIFIER NEW 8.95
C-149/ARN-6 CONTROL PANEL, USED, \$9.95
MC-124 FLEX. TUNING SHAFT 20 IN. USED 1.50
MC-203 "T" ADAPTER USED 1.50
MC-136 RIGHT ANGLE ADAPTER USED 2.00



CU-308B/U ANTENNA COUPLER; USES CATHODE FOLLOWER TO COUPLE SINGLE ANTENNA WITH THREE RECEIVERS IN THE 2 TO 24 Mhz RANGE. INCLUDES THREE 24 VDC 500 OHM SPST RELAYS, 4/5906 TUBES, AND FOUR BNC CHASSIS CONNECTORS. POWER REQUIRED: 24 VDC 180 MA. 5x5x3 1/2; WT: 4 LBS. UNUSED, \$9.95

R-518 RECEIVER



R-518/FRR-27 RECEIVER, SINGLE-CHANNEL CRYSTAL-CONTROLLED RECEPTION OF AM OR TONE SIGNALS IN THE 100 TO 156 Mhz. RANGE. DOUBLE CONVERSION DESIGN WITH IF'S OF 23 Mhz AND 3 Mhz. AUDIO OUTPUT: 1.5 WATTS INTO 200-600 OHMS, 15 MW PHONE. ANTENNA INPUT: 50 OHMS UNBALANCED. WITH SQUELCH AND TUBES 3/12A7, 2/6AU6, 5654 2/6AV6, & 6005. POWER REQUIRED: 115 VAC 50-60 HZ. SIZE: 19x6x18 1/2; 45 LBS. USED, \$45.00

COLLINS 250 KHZ I.F.

250 KHz IF ASSEMBLY from Collins 618S-1 transceiver. Has 250 KHz mechanical filter with 6.7 Khz width and tubes 3/5749 and 2/5726. 4x6x3 1/2, 3 lbs sh wt. #IF250-67/618S1, used, \$12.95



250 KHz IF ASSEMBLY from RT-311/ARC-38 transceiver. Similar to above but with two mechanical filters—one 2 Khz width, the other 8.5 Khz. #IF250/ARC38 \$24.95



250 KHZ CRYSTAL OSCILLATOR from Collins 618S1. Has 250 KHz BFO oscillator coil, crystal oven with CR-46 250 Khz crystal, and 2/5749 tubes. 4x6x1 1/2, 2 lbs sh. #OSC-250/618S1, \$6.95

VHF ARC-5 EQUIPMENT

R-28/ARC-5 100 to 156 Mhz RECEIVER, crystal-controlled on four preset channels. Crystals inserted behind front access door which also conceals frequency dial and squelch adjust. Channel selection done by separate control box C-30/ARC-5. With tubes 4/717, 3/12SH7



2/12SL7, and 12A6. Requires 24 VDC for relay and selector motor, 250 VDC 60 MA HV. DM-32 may be used for HV. 14x7x24 1/2, 16 lbs. \$18.95
SCHEMATIC for R-28 or T-23/ARC-5, \$1.50 ea.



T-23/ARC-5 TRANSMITTER, companion to the R-28, has 10 watt output, though can be modified for higher rating. Uses two 832 and two 1625 tubes. Audio power for modulating originally supplied by MD-7 modulator (not available). Frequency channel selection made by separate C-30 control unit. Requires 24 VDC for relays and selector; 600 VDC 175 MA for HV. Size: 15x8x5 1/2; 18 lbs. sh. Gov't. reconditioned \$25.
C-30/ARC-5 CONTROL BOX for above, \$3.00

ALTIMETER TRANSCIEVER



RT-7/APN-1 ALTIMETER TRANSCIEVER, 418 to 462 MHz FM; ABSOLUTE READINGS to 4000 FEET. CAN BE CONVERTED FOR OTHER USES. UNIT CONTAINS WOBBLATOR, DYNAMOTOR, AND TUBES 2/955, 2/9004, 3/12S3J7, 4/12SH7, 2/12H6, and 003. POWER REQUIRED: 27 VDC 3 AMPS. SIZE: 8 1/2" x 18 1/2" x 8"; SH WT: 25 LBS UNUSED, \$18.95; MANUAL, NO SCHEMATIC, \$3.00 SHOCKMOUNT ASSEMBLY FOR APN-1, \$2.00

ID-14A/APN-1 RADIO ALTITUDE INDICATOR USED WITH RT-7. 2 1/2" DIA. METER HAS SWITCHABLE SCALES 0-400 FT. AND 400-4000 FT., ON-OFF SWITCH. FS-6 MADC. UNUSED, \$3.95



SA-1/ARN-1 ALTITUDE LIMITER SWITCH USED WITH RT-7 AND ID-14A IN CONJUNCTION WITH AN AUTOPILOT SYSTEM. ALTITUDE LIMIT SET FROM 50 FT. TO 300 FT. IN 25' STEPS; X 10 MULTIPLIER FOR HIGHER ALTITUDES. DESIGNED TO SIGNAL WHEN MIN. AND MAX. LIMITS ARE EXCEEDED. 3" DIA. UNUSED, \$2.95

1.5-32 MHZ MINI AMP



BROADBAND 1.5 to 32 Mhz MINIATURE AMPLIFIER, Aiken Industries model #AMP-1200-6. Operates from 24 VDC and has internal voltage regulator. Utilizes four transistors, complementary pairs 2/PM599 (2N-4428) and 2/2N5160 in push-pull. Specific data not known but similar amplifiers are known for flat gain, low noise, etc. Gain approx 10 db. Requires two sub-mini coax connectors for input and output. 5x3x1-3/8"; 3 lbs sh wt. #AMP-1200-6, unused, \$16.95

4428) and 2/2N5160 in push-pull. Specific data not known but similar amplifiers are known for flat gain, low noise, etc. Gain approx 10 db. Requires two sub-mini coax connectors for input and output. 5x3x1-3/8"; 3 lbs sh wt. #AMP-1200-6, unused, \$16.95

OSCILLATOR



TRANSISTORIZED CRYSTAL OSCILLATOR and BUFFER, 56 to 99 Mhz with 75 C temperature controlled oven. Requires 5th overtone HC-6 (20 pf) x-tal (not incl). Has external oscillator input and tuning meter and oven output. Requires 12-18 VDC reg. for osc., 22-39 VDC 1 amp for heater. W/BNC and two submini 27 (UG-1465) connectors, power input DEC 9P connector, and schematic. 6 1/2" x 2 3/4", #OSC99828, \$10.

DAV WALKIE-TALKIE



antenna not included

DAV-2 PORTABLE TRANSCIEVER with direction-finder circuit; operates on single channel between 2.3 and 4.5 Mhz @ 200 MW. Has controls for receive, transmit, and sense. Also water-tight O.D. plywood case, JK-26 phone jack, connection for T-45 mic, FT-243 crystal (no frequency choice), book, and tubes 3/3S4, 2/1T4, 1R5, and 1S5. Requires 67.5 VDC 3 ma, 135 VDC 19 ma, 6 VDC 30 ma, and 1.5 VDC 225 ma. Size: 10 1/2" x 3 1/2" x 10, 8 lbs sh wt. Used, \$10.95
We will try to ship matched frequency pairs when two or more DAV's are ordered.

ACCESSORIES which can be used with DAV-2:
T-45 LIP MIC or T-30 THROAT MIC, unused, \$3.
CCL-49559 HEADSET ASSEMBLY consisting of cloth helmet with headphones, unused, \$4.95
H-62 HEADSET, used, \$4.95
CW-51071 LIP MIC, used w/H-62; unused, \$3.00
CCL-66081 ANTENNA, seven section 15"-85" collapsible-telescoping, \$1.50 w/DAV purch.

MAB PORTABLE TRANSCIEVER CHASSIS, originally designed to operate between 2.3 and 4.5 Mhz on a single channel; 200 MW output. In waterproof black plastic case; mic and headset cut-off and not available. W/tubes 3/3S4, 2/1T4, 1R5 and 1S5. Requires 67.5 VDC 3 ma, 135 VDC 19 ma, 1.5 VDC 225 ma, 6 VDC 30 ma. Size: 8 1/2" x 2 1/2" x 7 1/2"; 8 lbs. sh. Unused, w/book, \$36.95

RADIO TELEPHONE LINK



AN/TRC-47 RADIO TELEPHONE LINK, connects radio voice communications to two-line telephone systems/ consists of transmitter, receiver, and signal converter sections. Operates on a single crystal-controlled channel in the 132-150 Mhz band Carrier output: 7 watts.

Converter changes 20 Hz ringing signal into a radio transmittable 800 Hz signal and vice versa. Used in pairs, the sets can establish links up to three miles apart. With built-in speaker, tuning meter, and tubes 3/0A2, 3/0B2, 2E26, 5R4, 4/6AK5, 2/6AK6, 6A35, 6A36, 6A35, 2/6BA6, 2/6J6, 2/6L6, 3/6X4, 4/12AT7, 2/12AU7, 2/12AX7, and 5763. Power required: 115/230 VAC 50-400 Hz. 2 1/2" x 1 1/2" x 2 1/2"; 100 lbs. sh. Used, reparable, \$40.

RADIOSONDE

AN/AMT-4A RADIOSONDE: CONSISTING OF THE T-304A TRANSMITTER & MD-147C MODULATOR. TRANS. IS A.M., 1680 Mhz AND THE MODULATOR CONTAINS THE PRESSURE SENSITIVE ELEMENT OR ANEROID, TEMPERATURE ELE. HUMIDITY ELEMENT AND A COMUTATOR, SERVES AS A SWITCHING ARRANGEMENT FOR THE DIFFERENT SERVICES WHICH IS TRANSMITTED BY THE RADIOSONDE THAT IS TAKEN UP BY A METEOROLOGICAL BALLON. ALSO USED FOR TRACKING WIND DIRECTION. WITH TUBES 5794 AND 5875. BATT. VOLTAGE REQ. 1.5, 6 & 115 VDC. WT: LESS BATT. 1 1/2 LBS. (613 GRAMS.)
PRICES: MODULATOR ONLY LESS HUMIDITY AND SENSITIVE ELEMENTS \$3 TRANSMITTER ONLY \$4.95



RT-380/AR RECEIVER-TRANSMITTER 2 to 18.5 MC C.W. PHONE, 100 watt TRANS. AM CRYSTAL CONTROL ON PRESELECTED FREQ. RECEIVER 50 MW MIN. INTO 600 OHM LOAD. WITH TUBES 1/813, 1/6V6, 1/12BE6, 2/12AU7, 2/12AL5, 2/28Z7 & 4/6BA6. POWER REQUIRED 400 VDC @ 750 MA. 750 VDC @ 350 MA. AND 27 VDC FOR RELAY AC FOR FILAMENTS. (SAME VOLTAGES AS ART-13) (SIMILAR TO COLLINS 18S4)
SIZE: 15 1/2" x 7 1/2" x 23 1/2"; WT: 70 LBS. LESS CRYSTALS
PRICE: USED LESS DYNAMOTOR \$49.50

R-1/ARR-1 HOMING RECEIVER ADAPTER, converts 234-258 Mhz input signal to 540-830 Khz output. Input and output impedances: 50 ohms. w/ tuning dial, ant. trim, and 4/954 tubes. Unit has conversion possibilities. Req 12/24 VDC 280/140 ma, 220 VDC 10 ma. 3 1/2" x 1 1/2" x 2 1/2", 6 lbs. Damaged RF capacitor, used "as-is", \$7.50

KB9-A 16 MM MOVIE CAMERA USED TO RECORD STRIKES BY THE MILITARY. HAS 35 MM, F3.5 KODAK EKTAR LENS; VARIABLE APERTURE FROM F3.5 TO F16. FILM SPEED: 32 FRAMES PER SECOND. FILM CAPACITY: 35 FT 16 MM FILM. CAN BE ACUTATED BY REMOTE CONTROL. POWER REQUIRED: 27 VDC FOR DRIVE MOTOR AND HEATER. RED AND YELLOW FILTERS INCL. SIZE: 7 1/2" x 2 1/2" x 2 1/2" SHPG. WT: 5 LBS. PRICE: NEW. \$34.95

127.4 MHZ AM RECEIVER

RC-3A FIRED FREQUENCY RECEIVER, 127.4 Mhz AM. Compact unit sealed in rugged plastic utilizes seven transistors and a CA3018 integrated circuit. Approx. IF: 20 Mhz. Approx. crystal injection freq: 18 Mhz. Power required: 9 VDC 20 ma. Compartment for two 9 V. transistor radio batteries. Audio impedance: about 2000 ohms; male MB connector. Circuit board (3 1/2" x 2 1/2") is not potted. A few careful cuts with hacksaw allows removal for conversion. With 23" ribbon antenna and canvas bag. Size: 5 1/2" x 1 1/2" x 3, 3 lbs. sh. Unused, w/cutting diagram, \$14.95



EQUIPMENT RACKS



STANDARD 19" RACK EQUIPMENT CABINETS w/rear doors; steel, 185 lbs. Used.

#MAG-19-70, c/a 22" Wx70" Hx22" D for panel 19"x81"x20"; with wheels and grey finish. Some have base extended 9" for added stability. \$70.00
#2MAG-19-70 DOUBLE CABINET, c/a 43 1/2" Wx70" H x22" D, as above but two 19x61x20 pls. \$110.
#FAA-19-76 RACK, c/a 21 1/2" Wx76" Hx21 1/2" D; for panel 19x68x20. No wheels, green-grey. \$75.
#GE-19-84 RACK, c/a 21 1/2" Wx84" Hx22" D f/panel 19x80x20; 2-rack braces only, no wheels \$65

ENCLOSURES



MS-5373 CABINET, rear entry type f/8" H panel; o/a 19 1/2" x 19 1/2", \$16.

Stk # W x H x D Panel Door Lbs COND PRICE
1313/60 19x13x13 12 top 35 Used \$10.
CY-1693 22x16 1/2 x 14 14 no 35 Unused \$18.
1222/173 22x12 1/2 x 20 10 top 35 Used \$35.
(#1222/173 fits R-388, R-390A, & SP-600.)

TRANSIT CASES



TS-382 TRANSIT CASE, c/a 15x 19x15 1/2; usable space without removal of spacers 10x10 1/2 x 12 1/2. Not hinged; hasp fasteners. Aluminum; 35 lbs. Used, \$12.00
CY-246/UPM-33H ALUMINUM TRANSIT CASE with hinged cover. Usable space in two compartments: 13 1/2" Wx11 D and 9 Wx10 D. Overall: 25 1/2" W x 12 1/2" D x 19 1/2" H. 49 lbs sh. Used, \$12.00
CY-246/UPM-33W, same as above but not hinged; hasp fasteners. Wood and aluminum. Used \$10.

CY693/PDR-27 ALUMINUM CASE, four compartments; 3 1/2" x 4, 7 1/2" x 4, 1 1/2" x 4, and 13x6 1/2; may be removed for 13x10 1/2 size 9" deep. Hasp fasteners; may need repainting. 12 lbs. Used, \$6.00

FIBERGLASS CASE with hasp fasteners (not hinged). O/A 14 1/2" x 19 1/2"; usable 12x12x6 without removing spacers. 10 lbs. Used \$5.

CY-1298 SPARE TUBES CASE w/hasp fasteners. Removable insert has space for 17/7-pin and 2/9-pin mini and one "GT" tube. O/A 4 1/2" x 10 x 3 1/2, 4 lbs sh. Used, \$3.50

SPERRY BOMBSIGHT



SPERRY S-1 BOMBSIGHT, AN AIR-TO-GROUND MECHANICAL SIGHTING COMPUTER AS USED IN WWII and LATER U.S. BOMBERS. UNIT IS AN EXCELLENT SOURCE FOR PRECISION GEARS, CAMS, AND SIMILAR CONTROL DEVICES. INCLUDES 28 VDC SPERRY GYROSCOPE; LENS/PRISM VIEWING SYSTEM WITH MIRROR LOCK AND POLAROID, CLEAR, BLUE, AND ORANGE FILTERS; AND TIMER WITH VERNIER MARKED "TIME OF FALL/SECONDS." ALSO CONTROLS FOR 0-80° SIGHTING ANGLE; 30° L-0-30° R DRIFT ANGLE; 0-400 TRAIL/MILS; AND BUBBLE LEVELER. SIZE: 21" Hx12" Wx18" D; SH WT: 100 LBS. IN TRANSIT CASE; 65 LBS. NET. \$100.

GYROSCOPE ASSEMBLY



HONEYWELL VERTICAL GYRO ASSEMBLY #JG-7044N-2, single pitch and roll gyro with 400 Hz motors, mercury switches, etc. Gimbal freedom: ±360° (outer axis, longitudinal), ±85° (inner axis, transversal). Erection rate (2-6)° min. (also 400 Hz 10 motors 26 V (torque), 115 V (casing selenoid), and 115 V 21,000 RPM (power motor) Pick-up pots: 5.5K-ohm ±55° (roll), 11K ohm ±85° (pitch). Angular momentum: 6.33x10⁶ gm cm²/sec. Unit has "line of flight" monitors for normal loft or alternate O/S. 7 1/2" x 9 x 6; 8 lbs net, 12 lbs sh. Used, \$35.00

U.H.F. RECEIVER



R-48/TRC-8 RECEIVER F.M. 230 to 250 MC. ONE BAND VARIABLE TUNING, VOLTAGE REQUIRED 115/230 60 CYC. WITH SPEAKER, PHONE JACK, SQUELCH CIRCUIT 2" METER FOR CIRCUIT CHECKING. WITH TUBES 8/6AG7, 1/9002, 1/5U4, 1/6V6, 1/VR-150, 1/6N7, 1/6SN7, 1/6AL7. SIZE: 20x19x16; WT: 75 LBS. USED \$45.00

MN-26K RADIO COMPASS



BENDIX MN-26K RADIO COMPASS, USED WITH AIR NAVIGATION EQUIPMENT AS DIRECTION FINDER OR GENERAL RECEIVER. COVERS 200 to 1750 KHz IN BANDS (200-410), (410-850), & (850-1750 KHz). TUNE DIRECT OR REMOTELY WITH SPLINE SHAFT AND CONTROL BOX. REQUIRES 230 V. 100 MA AND 28 VDC. W/TUBES 6F6, 6B8, 2/6J5, 2/6N7 AND 5/6K7. CONVERSION INFO INCLD. 17x11x12; 45 LBS. USED, LESS DYNAMOTOR, \$16.95
 MN-28LB CONTROL BOX F/MN-26LB REC. SOME DIAL NUMBER CHANGE REQ. FOR USE WITH MN-26K \$3.95
 MC-124 FLEXIBLE SHAFT F/MN-26 20" 1.50
 MC-127 SPIN TUNING KNOB FOR REC. 1.50
 MC-203 "T" ADAPTER FOR SHAFT & KNOB USE 1.50
 MN-26 MANUAL FOR MODELS A,C,M,W,Y,X (BASICLY SAME AS "K" & OTHERS, 5.00

WW-II VEHICLE RADIO



BC-659 TRANSCEIVER as used in World War II military vehicular communications; transmits and receives on two preset channels in the 27.0 to 38.9 Mhz FM range. Transmitter output: 1.3W. Set has tuning meter, speaker, and tubes 5/1LN5, 2/3B7, 4/3D6, 1LH4, 1L06, and 1R4. Uses FT-241 crystal-type (not included) and requires 1.5 VDC 0.94 amp, 90 VDC 48 ma, 7.5 VDC 300 ma, and 150 VDC 50 ma. Size: 12x16x21; 40 lbs. sh. Used, not checked, \$45.00

PE-120 VIBRATOR POWER SUPPLY, provides voltages for BC-659 from 6, 12, or 24 VDC depending upon vibrator used. Shipped with 6 VDC (VB-12) vibrator. Unit fastens to bottom of BC-659. 9x16x19, 39 lbs sh. Used, \$17.50; 12 V vibrator, \$3.95; 24 VDC vibrator not available.



CS-79 BATTERY CASE for manpack use of BC-659 6x15x18, 17 lbs sh wt. Used, \$6.00
 SCR-609/610 MANUAL, \$5.00
 AN-29 WHIP ANTENNA, extends 154", used, \$10.
 TM-218 TERMINAL BOX FOR MP-48, \$4.95
 TS-13 HANDSET, \$10.00 with purchase of set.
 T-17 MICROPHONE, used, \$6.95; recond., \$9.00

CRYSTAL CALIBRATOR, utilizes 100 KHz crystal to generate harmonics in three ranges: 10 KHz, 100 KHz, and 1000 KHz. Works from 1-30 Mhz on 1000 KHz, 100 KHz-10.5 Mhz on 100 KHz, and 10 KHz-10 Mhz on 10 KHz. Designed for use with Canadian No. 19 Mark III receiver-transmitter. Has three 12SC7 tubes; requires 12 VDC 500 ma, 265 VDC 2.5 ma. 2x9x14, 7 lbs sh. Used, \$12.95

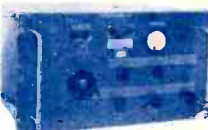


20 CHANNEL RECEIVER



R-550/ARR-40 VHF RECEIVER 265 to 284.9MHz in 20 CHANNELS. GUARD CHANNEL 243.0 Mhz. ONE MEGAHERTZ CHANNEL SPACING. RECEIVER MODULES AUDIO, 1.85MHz IF, IF AND GUARD, Kf AND INJECTION UNIT. TUBES: 7/6201, 8/5840, 3/6AK5, 2/5896, 5902. POWER REQUIRED: 28VDC, 130v 140MA, 220v 20MA. SIZE 12x4x6. SH WT 15 LBS. W/COVER, SCHEMATIC; USED, \$19.95
 28 VOLT DYNAMOTOR FOR R-550 WT 5 LBS \$4.95

VHF RECEIVER



BC-639 RECEIVER, 100 to 156 Mhz AM continuously tunable over a single band. Controls for CW, tone, AVC-Manual, RF and Audio Gain, Attenuation, and Sensitivity. With tuning meter, phone jacks, and tubes 3/9003, 9002, 4/6SQ7, 6SQ7, and 6K6. Power required: 210 VDC 60 MA and 6.3 VAC 3.5 amps. Size: 10x19x10, 48 lbs sh. Used, reparable, \$30. Checked, \$60.

115 VAC 60 HZ POWER SUPPLY FOR BC-639; with speaker. Our construction, \$28.00
 CONNECTOR only for receiver, \$3.00
 MANUAL f/BC-639, partial reproduction, \$8.50

LF RECEIVER



BC-1003 LOW FREQUENCY RECEIVER & DIRECTION FINDER, covers 100 to 1000 KHz in three bands: 100-200, 200-450, and 450-1000 KHz AM and CW. Designed for use as direction finder with LP-33 (not available) loop antenna as pictured. Usable as LF receiver without the loop. Has dual needle direction indicator which functions as a tuning meter when loop is not used. Kilocycle tuning dial has coarse and fine adjust. Volume balance, EFO, AVC-MVC controls. Antenna trimmers on front for freq. bands. With tubes 6/12SC7, 2/12SA7, 2/12C8, 12A6, and 12SJ7. Power required: 250 VDC 100 ma and 12 VDC 3 amps. Size: 8x12x14 (receiver only). Sh wt: 48 lbs.
 BC-1003, no loop, unused, \$75.00
 MANUAL for BC-1003, partial repro., \$8.50
 PE-133 12 VDC DYNAMOTOR for BC-1003, \$10.00
 AC POWER SUPPLY, our construction, \$23.00

4.4 - 5.0 GHz TRANSCEIVER



RT-252/TRC-27 MICROWAVE TRANSCEIVER, 4400-5000 Mhz pulse-position modulated, continuously tunable. Converts video channel pulses into RF for transmission and receives RF and converts it back into video pulse. Receiver IF: 60 Mhz; 10 Mhz bandwidth. Noise figure: 13 db. Has AGC and AFC. Transmitter uses video amplification and plate modulation of planar triode type RF oscillator. With tubes 2K22 klystron, 6280 planar triode, 13/5654, 5670, 5726, 5727, 5814, 2/12AT7, 2/6X4, 6AU6, 3/0A2, 5933, and 3/6AQ5. Power required: 115 VAC 400 Hz. Size: 14x25x11, 75 lbs. sh. Used, not checked, \$150. Schematic, \$5.00



I-152(*) INDICATOR; USE WITH BC-788 ALTIMETER FOR INDICATING HEIGHT OVER TERRAIN IN AIRCRAFT WITH 3DP1 CATHODE RAY TUBE (SAME SOCKET/SHIELD AS 3BP1 TUBE AND OTHER TYPES) ALSO TUBES 3/6AG5 AND 2X2. HAS R.F. CIRCUIT, POTENTIOMETERS, 115 V. 400 CYCLE POWER SUPPLY ETC. (WILL MAKE GOOD FOUNDATION FOR A MONITOR) SIZE: 6x6x12; WT: 9 LBS. PRICE: USED \$8.95 SCHEMATIC \$1.00

ARR-58 FM RECEIVER

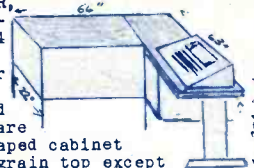
R-863/ARR-58 RECEIVER, FM 162.25 to 173.5 Mhz. DESIGNED TO RECEIVE SONOBOUY SIGNALS ON 16 PRESET CHANNELS. IF=30 Mhz. INPUT IMPEDANCE: 52 OHMS. MORE RECENT VERSION OF THE R-316/ARR-26 RECEIVER. CONVERSION INFO FOR R-316 TO 145-175 Mhz PLUS AUDIO, SQUELCH, AND 115 VAC 60 HZ POWER MODIFICATION INFO INCLUDED. WITH TUBES 7/6AK5, 2/6AG6, 2/6AL5, 6J6, AND 5814. POWER REQUIRED: 150 VDC 125 MA AND 6.3 VAC. SIZE: 5x8x17, WT: 20 LBS. USED, \$19.95



AN/GRC-10 RADIO SET, includes R-125 receiver, T-235 xmitter, DY-94 AC power supply, C-632 control, & mount; 54-70.9 Mhz FM. Used, \$200.

COMMUNICATIONS CENTER

COMMUNICATIONS CENTER, includes ASR-33 teletypewriter, Tally 464 paper tape reader, Honeywell optical bar code reader, logic chassis assembly, and power supplies. All are contained in an L-shaped cabinet with simulated wood-grain top except for the teletypewriter which sits on the desk top. System has automatic send-receive and features a teletypewriter which has a paper punch and operates at 100 words/minute, 600 operations/second. Utilizes ASCII code with parity bit and prints on 8 1/2" friction-fed paper. Teletypewriter is made by Teletype Corp.



and is the same as their Model ASR-33 except that the standard ASR-33 control module is eliminated and its functions incorporated into the system's logic chassis. Consoles are removed from service, appear complete, but are not operationally checked; with manuals. 550 lbs sh. \$525.00 or \$450.00 you pick-up. ASR-33 TELETYPEWRITER only, as described in the above system, 85 lbs sh., \$375.00 (Loop and control kit allowing stand-alone operation of this ASR-33 available from another source. Write for more information.)



KSR-33 TELETYPEWRITER AND KEYBOARD, CAN BE ADAPTED FOR VARIOUS RTTY AND COMPUTER APPLICATIONS. SPEED: 100 WORDS PER MINUTE; 600 OPERATIONS PER SECOND. HAS THE FOLLOWING FUNCTIONS: CARRIAGE RETURN, LINE FEED, SPACE, AND SHIFT. UTILIZES ASC-11 CODE WITH PARITY BIT. TAKES 8 1/2" SPROCKET-FED PAPER. THIS IS A STANDARD ITEM; PARTS ARE AVAILABLE FROM A NUMBER OF SOURCES. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 8x18x18; 50 LBS. USED, OPERATIONAL, BUT MAY REQUIRE SOME ADJUSTMENT. LESS COVER, \$260. \$185.00

BANDPASS FILTER



F-237/GRC BANDPASS FILTER, designed to operate from 54 to 70.9 Mhz using dial tuning. Bandwidth: 250 KHz @ 3 db points or 4.5 Mhz @ 40 db points. 50 ohm output and input impedance. Unit consists of a 3-gang variable capacitor coupled to 3 sets of three sealed cavities. Type C connections. F-237 has conversion possibilities for 6- and 2-meter amateur applications. An article about these by W. Tucker, W4FXE, appeared in 12/80 issue of Ham Radio. 5x11x11, 17 lbs. \$19.95

BANDPASS FILTERS, gold-plated twin-tuned cavities designed originally for use with R-417/TRC-24 receiver. Conversions by W4FXE of these units for amateur usage appeared in 3/80 Ham Radio Magazine. Each filter has tuning controls and type N connections. O/A 6x2x11, 7 lbs sh. Unused, \$17.50

No.	FREQUENCY	CONVERSION
F-195/U	163-184 Mhz	220-225 Mhz
F-196/U	184-205 "	220-225 "
F-202/U	314-344 "	420-450 "

Other filters, used only @ \$12.95 each:		
F-199/U	224-254 Mhz	F-203/U 334-374 Mhz
F-200/U	254-284 "	F-204/U 374-404 "
F-201/U	284-314 "	

0.5 - 32 MHZ RECEIVER



R-390A/URR RECEIVER, covers 0.5 to 32 Mhz in 32 one Mhz bands read directly from a counter-type indicator. Mechanical filters. Triple conversion: 1st IF variable 17.4-25 Mhz; 2nd, 3-2 Mhz; 3rd, fixed 455 KHz. Receives CW, MCW, and voice; also single sideband and FSK through use of BFO. Built-in crystal calibrator every 100 KHz. Output impedance: 600 ohms. Antenna input impeded: 125 ohms balanced. Rackmount, no covers. 115/230 VAC 60 Hz. Size: 10x19x16 1/2; 95 lbs. sh.

R-390A USED, REPAIRABLE, CHECKED, \$450.00 **\$295.** MANUAL, \$12.00

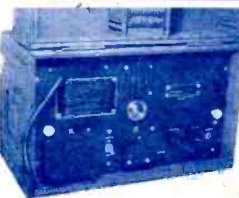
XMITTER MODULATOR



MD-203/GR MODULATOR, converts a transmitter's CW signals into frequency shift signals for teletypewriter transmission when coupled to the transmitter's exciter. Designed for use with T-195/GRC xmitter, the unit is usable with any xmitter with a fundamental frequency in the 1.5 to 3 Mhz range. Frequency shift: 850 Hz (1.5-3.0 Mhz), 425 Hz (3-6 Mhz), 212 Hz (6-12 Mhz), and 106 Hz (12-20 Mhz) according to ten position freq. band selector switch. 1 volt min. input necessary. With tubes 26A7, 26D6, and 5/26A6. Power required: 27 VDC 1.8 amps. 9 1/2 x 7 1/2 x 13 1/4, 25 lbs. sh.

Used, \$17.50; Power plug, \$3. w/set purchase. MANUAL for MD-203, partial reproduction \$8.50

CODE PRACTICE SET



AN/GSC-1 CODE PRACTICE SET designed for student practice of Morse code, accommodating upto 10 keys. Hand keying produces either an audio tone with adjustable volume and pitch or a blinker flash. Has effective range of 40 ft. if background noise is less than 60 db. Can be operated from 6, 12, 24, or 115 VDC or 115/230 VAC. With built-in speaker, blinker, volume and pitch controls and tubes 6X5 and 2/6AK6. Keys not included. 13x18x11; 58 lbs sh. Used, \$14.95; Gov't. record., \$24.95

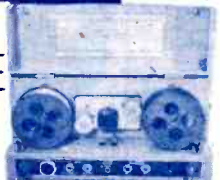
SOLID-STATE AUDIO FREQUENCY AMPLIFIER, DESIGNED FOR USE IN AIRCRAFT ON-BOARD COMMUNICATIONS FOR TALKING OR LISTENING. HAS PEAK CLIPPING AND AGC CIRCUIT. RESPONSE: 200-6000 HZ; 150 MW OUTPUT. Uses 27 VDC. SIZE: 4-3/8x12x3; SH WT: 2 LBS. AM-476/AIC-10, OPEN FRAME AS PICTURED, USED, \$4.95; AM-476, SEALED/POTTED, \$2.95



R-391/URR RECEIVER, 0.5 to 32 Mhz AM and CW. Similar to R-390A except has autotune capabilities for 8 preset channels and does not have mechanical filters. 24 VDC required for autotune use; rackmt. Used, repairable, \$250.

WIRE RECORDER

IC/VRW-7 WIRE RECORDER, unit records only--no playback. Has single input channel; 600 ohm impedance. 290 RPM recording speed; 300 to 3500 Hz frequency response. Has volume control, mic and headphone jacks on front. With two 28D7 tubes and reel of wire for 60 minutes of recording. Requires 24 VDC for operation. 12 1/2 x 7 1/2 x 6 1/2, 17 lbs sh wt. Used, \$32.95



MX-303A/VRW WIRE RECORDER MAGAZINE with 60 minutes of recording wire, magnetizing head, other parts; 5 lbs. See page 9, used, \$9.95

TA-1/PT TELEPHONE



SOUNDPOWERED TELEPHONE SET WITH AUDIBLE AND VISUAL CALL SYSTEM. PALM OPERATED GENERATOR PUTS OUT APPROX. 100 V. THAT SOUNDS BUZZER IN OTHER PHONE AND ACTUATES VISUAL INDICATOR. COILED CORD WITH PUSH TYPE ENDING POSTS FOR INTERCONNECTING WIRES TO BE FASTENED TO. COMES WITH FIBER CARRING CASE. SIZE: 8 1/2 x 3 1/2 x 3 1/2; WT: ACT 2 LB USED \$25.00 EACH



TA-43/PT TELEPHONE SET IS A RUGGED, LIGHTWEIGHT, WATERPROOF FIELD TELEPHONE. THAT CAN BE USED OUTDOORS ON A DESK OR WALL MOUNTED. HANDCRANK GENERATOR FOR RINGING BUZZER. REQUIRES 2 1/2 V BATT. FOR LOCAL USE NONE REQ. W/CB. UNIT COMES IN A CANVAS CASE & SHOULDER STRAP WITH ZIPPER. SIZE: 12x7x4; WT: 10 LBS. \$45.00

TMC - SSB CONVERTER



CV-591 SSB CONVERTER, same as TMC MSR-4. Used with 2-32 Mhz receivers with 455 KHz IF's such as the R-390A and the SP-600JX. Operates upper and lower SSB, AM, CW, FSK, and FAX. Input voltage: 0.1 to 10 V-rms. Input impedance: 240K ohms. Bandspread -3 KHz. Slow/Past AVC speeds. Output remains constant within 9 db with 40 db change in input. Output impeded: 8 or 600 ohms. Requires 115/230 VAC 50-60 Hz. 5 1/2 x 19 x 13 1/2; 28 lbs sh. Used, repairable, \$145.00 MANUAL for CV-591, partial repro. \$8.50

FL-30 AUDIO FILTER



1020 HZ AUDIO FILTERS, can be used to reduce interference in CW and audio signals for receivers. Each filter provides a sharp null at approx 1020 Hz in voice mode while frequencies near 1020 Hz are passed in "range mode. Response can be broadened by placing a variable resistor from input to output. Terminal strip connections. 3-1/8x3x1 1/2, 3 lbs sh. Used, \$4.95

F-90 AUDIO FILTER, similar to FL-30 except has sharper filter action. Designed for aircraft panel mount; has one 28 V panel light and schematic. 5 1/2 x 2 1/2 x 3 1/2, 3 lbs sh. Used, \$3.95 MATING CONNECTOR for F-90, \$2.50



RD-60/U CODE RECORDER OF RADIO TELEGRAPH CODE SIGNALS. Uses 3/8" WIDE, 800 FOOT ROLLS OF PAPER TAPE. RECORDS CODE SPEEDS UP TO 1000 WORDS PER MINUTE WITH A RECORDING TIME OF 26 MINUTES (LOW) OR 13 MINUTES (HIGH). INPUT SIGNAL FREQ. 500 TO 5000 HZ. INPUT IMPEDANCE 500 AND 5000 OHMS. OUTPUT IMPED. 6 OHMS.

WITH 3 TUBES. POWER REQ. 115 V. 60 HZ. SIZE 19x16x12 1/2; WT: 150 LBS. PRICES: USED LESS CABINET REPAIRABLE \$19.95 " WITH " " 24.95 Gov' RE-CONDITIONED W/CABINET \$30.00 MANUAL for RD-60 recorder, \$5.00

MODEL 14 TELETYPE TRANSMITTER--DISTRIBUTOR SINGLE CHANNEL, GOVERNOR CONTROLLED MOTOR 1/25 HP 2100 RPM. TAPE DISC NO. 77070, 60 WPM, POWER REQ. 115 V. 60 CYCLE. SIZE: 15 1/2 x 8 1/2 x 9; WT: 35 LBS. PRICE: USED \$19.95



TAPE. TELETYPEWRITER

TELETYPE PERFORATOR TAPE, 11/16" WIDE 900 FT. OILED ROLLS. \$.60 PER ROLL; 10 ROLLS for \$3.

TRANSMISSION



TS-387 MIC & HEADSET TESTER, checks sensitivity of carbon and magnetic mics; sensitivity, noise, and match of headsets; and flight suit circuits. Has 1 KHz oscillator, 600 ohm audio amp, 0-3-9 AC ammeter, 24 VAC output, and 0-135 V 1 amp Variac. 115 VAC 50-1600 Hz. 10 1/2 x 13 1/2 x 18, 62 lbs sh. Used, \$39.50

TS-903/PTM-6 TELEPHONE TEST SET, measures characteristics of telephone and related equipment; 65 lbs. Used, \$60. Unused, \$100. SIERRA 940A LINE CONDITION TEST, repairs \$165.

MRC-66 RADIO-TELEPHONE



MRC-66 SUBSCRIBER SET, designed by Motorola as part of full

duplex SSB mobile radio-telephone system which transmits at 156 or 166 Mhz, receives at 156 Mhz. Each set has two channels plus a conference channel. (156 Mhz was used simplex if the central switching installation became inoperative.) Transmitter consists of SSB generator, oscillator, mixer, two driver chassis, and two power amp chassis--one 156 Mhz, the other 166 Mhz and each with 4CX300 tube. Cavity tuning used in driver and P-A sections. Receiver has two RF amps along with IF, frequency correction circuitry, oscillators, two tone decoders, etc. Transmitter has 25 tubes; receiver 35 tubes. Both have ringing and busy signal circuits. Also included in set are power supply, 24 VDC 30 amp dynamotor, cables and rack. Control box which is necessary is not available. Size: 15 1/2 x 6 x 18 (rec. and trans units each), 9 1/2 x 6 x 17 (pwr supply). Shipped in wood crate as received from gov't; 250 lbs sh wt. MRC-66 SUB-set, w/schematics, \$165.00

FM STATION MONITOR

TS-971 TEST SET, similar to Motorola T1130-series FM station monitors. Consists of unichannel sensicon control receiver, WWV receiver, squelch kit, power supply, and two 4 1/2 x 4 1/2 panel meters--one for 15-0-15



Carrier Frequency (KC) or Relative Field Strength (ua), the other 0-20 KC Modulation deviation 0-0-+6 DB Line Level. Set is designed FM transmitters in 150.8 to 174 Mhz range upto 50 watts output and is usable for 450 to 470 Mhz range. Carrier deviation determined by selecting 150, 155, 160, Mhz reference crystal for control receiver plus channel crystal for the difference between the reference crystal and the transmitter frequency. Any deviation is indicated on panel meters. WWV receiver selectable 10 or 15 Mhz and can be heard on built-in 3 ohm speaker. WWV section also has 5 Mhz crystal standard for calibrating control receiver. Easy access to unit's 26 tubes by front panel door or lift top on cabinet. Shipped with choice of 150, 155, or 160 Mhz reference crystal (give alternate). Size: 21x10 1/2 x 13 1/2, 58 lbs sh wt. Used, repairable, \$65. Extra ref. xtal, \$10.

FIELD PHONE-CONTROL SET



C-2172/GR-14 FIELD REMOTE CONTROL SET; DESIGNED FOR USE WITH AN/GR-14 RADIO GROUP IN AM, PHONE, AND CW

KEYING OPERATIONS OVER A TWO-WIRE 600 OHM TELEPHONE LINE. INCLUDES 20 HZ RINGER SYSTEM CONSISTING OF A HAND-CRANK MAGNETO GENERATOR AND BELL. WHEN USED WITH A H-33/PT HANDSET, THE CONTROL UNIT IS FUNCTIONALLY A FIELD TELEPHONE. TERMINALS PROVIDED FOR PHONES, MIC, AND KEY. SWITCHES FOR SERVICE (CW, AM, AND TEL); FSK CONTROL; AND SIGNAL (BELL OR CALL LIGHT). SOLD WITH H-33/PT HANDSET. POWER REQUIRED: TWO "D" CELL AND ONE 45 VDC BATTERY (NOT AVAILABLE). SIZE: 3 1/2 x 9-3/8 x 7-1/8; SHWG. WT: 13 LBS. PRICE: UNUSED, WITH USED H-33/PT, \$19.95

Headsets — Telephone Equipment — Microphones — Handsets



HS-33 HEADSET, 600 OHM. W/USED ANBH-1 ELEMENTS AND UN-USED GREY PLASTIC HEADBAND. 4 1/2" CORD WITH PLUG. LESS CUSHIONS, \$15.00

HS-33 W/HB-7 BROWN HEADBAND (NOT U.S. MFG.) 18" CORD AND PL-354 PLG. \$14.50

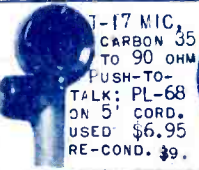
HS-23 HEADSET 2000 OHM; SAME HS-33 EXCEPT NEW ELEMENT. W/GREY HB-7, \$9.25 W/BROWN HB-7, \$9.00

4" CHAMOIS CUSHIONS, \$2.25 PR. RUBBER CUSHIONS MC-162, 2 1/2", \$1.00 MX-41, 2 1/2", \$1.25

HB-7 HEADBAND ONLY GREY \$3.25 BRO. \$3



#ZA/CAN1638 DYNAMIC HEADPHONES, 50 OHMS IMPED; MOVING COIL-TYPE, QUALITY REPRODUCTION. ADJUSTABLE CANVAS STRAP FITS ON TOP THE HEAD; STEEL-BAND BEHIND. WITH CHAMOIS CUSHIONS, "Y" CORD, AND PHONE PLUG. UNUSED, \$4.95

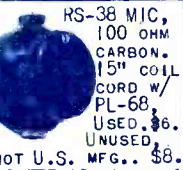


T-17 MIC, CARBON 35 TO 90 OHM PUSH-TO-TALK; PL-68 ON 5' CORD. USED \$6.95 RE-COND. \$9.

SOUND-POWERED INTRUSION MICROPHONE 225 ohms with 6" stake for pushing into ground for artillery use. T-56 USI element 1614-11 unused \$3.75

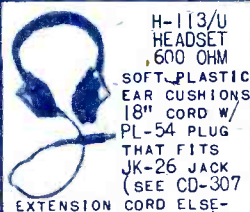
Western Electric Sound-Powered 1024 ohms D-173012 trans. D-173012 receiver new \$3.00 ea.

Carbon Elements F-1 Mic. \$1.50 Lip Mics: M-51 M-6 M419 etc. \$1.50 Telephone elements: U-1 or T-1, \$2.00



RS-38 MIC, 100 OHM CARBON. 15" COIL CORD W/ PL-68, USED \$6. UNUSED, NOT U.S. MFG., \$8.

SHURE 520B MAGNETIC MIC, P-A TYPE, 150-250Ω; 100-9000 HZ. GREEN AND CHROME FINISH. NEW, \$12.00



H-113/U HEADSET 600 OHM SOFT PLASTIC EAR CUSHIONS 18" CORD W/ PL-54 PLUG THAT FITS JK-26 JACK (SEE CD-307 EXTENSION CORD ELSEWHERE ON THIS PAGE) WT: 3LBS. USED-EX \$4.95

H-62 HEADSET SAME AS H-113/U ONLY IN BLACK AND HAS PROVISIONS FOR SNAPPING ON LIP MICROPHONE CW-51071 LISTED BELOW. USED-EX. \$4.95

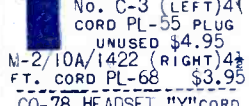
CW-51071 LIP MICROPHONE 100 OHMS IMPEDANCE W/ 2 SNAPS FOR FASTENING TO H-62 HEADSET, 14" CORD W/ PL-291 PLUG INTO EXTENSION CORD CD-318 LISTED ON THIS PAGE OR CW-49561 EXTENSION CORD LISTED BELOW USED \$1.00

JK-38 PHONE JACK FOR INLINE USE, TAKES TWO PL-55 PHONE PLUGS \$1

PUSH BUTTON SWITCHES FOR HEADSETS THAT USE BUTTERFLY TYPES. DIRECT REPLACEMENT. #5930-327-7308 \$1.25



H-63/U HEADSET 600 OHM BOOM MIC 100 OHM 14" CORD WITH PLUGS. \$7.95 USED MIC. OR PHONE ELEMENTS ONLY, \$1 EA.



M-2/10A/1422 (RIGHT) 4 1/2 FT. CORD PL-68 \$3.95

CO-78 HEADSET "Y" CORD 7 1/2 LG. RUBBER COVER NO PLUGS, TERM. \$1.50

PL-204 PLUG; SINGLE HOLDER PL-68 & PL-55 SIDE BY SIDE. \$2.00

DOUBLE PLUG D178452 F/HEADSET SIMILAR 289 298. #3850 NEW \$1.50

SWITCHBOARD CORD 4 1/2" W/PL-47 #BD-96 \$1.00



HS-30 HEADSET 250 OHM IMPEDANCE hearing aid type light weight headband 7 1/2" cord w/spade lugs that wire into CD-604 or CD-605 cord for 4000 ohm. used \$4.75 new \$8



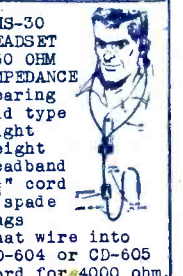
H-33/PT HEADSET PHONE 300 OHM, MIC 40 OHM W/ CORD UG-77 PLUG & PUSH TO TALK SWITCH. USED \$5.95

HS-16 HEADSET OR EQUIVALENT (SIMILAR TO PIC.) 2000 OHMS WITH 6 1/2" Y" CORD & METAL TIPS. USED, EXC., \$4.75

TS-9 HEADSET WITH PUSH TO TALK SWITCH (NOT BUTTERFLY) WITH 3 COND. CORD 4' AND TERMINAL LUGS. NEW COND. \$4.95

SOUND-POWERED HEADSET WITH COILED CORD 4 FT. NEW MANUFACTURE. BROOK-TEL #1 \$13.95

OPERATOR'S TYPE PHONE & ADJUSTABLE BOOM MICROPHONE HEADSET ASSY. RUBBER-COVERED ELEMENTS; PHONE 300 OHM, MIC 40 OHM, 4 FOOT CORD. H-81, H-144, OR SIMILAR, LESS PLUG, \$8.95 W/UG-77 PLUG, \$9.95 W/UG-77 AND SWITCH, \$10.95



CX-1422/U "Y" CORD FOR HEADSETS. 10 FT. 10 INCHES LG. WITH PL-55 ON ONE LEG; PL-68 THE OTHER. UNUSED, \$4.50

BRASS KEY WITH THREE BEARINGS; ADJUST. CONTACTS, COVER, CORD & PLUG. SIZE: 2x5x1 1/2 3B-#9, \$7.50



T-45 LIP MIC



T-30 THROAT MIC.

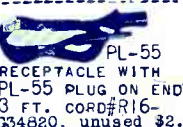
M-86/U MAGNETIC MICROPHONE: 50 OHM IMPED. PUSH SW. LEVEL CONTROL 7' CORD. UNUSED \$14.95

T-45 MICROPHONE CARBON TYPE 100OHM 50DB BELOW 1 MILLIVOLT, FLAT RESPONDS WITH PL-291 2 CONT MALE PLUG, 11" CORD Used, \$2.50



CD-307 CORD EXTENSION FOR CORDS WITH PL-54 PLUG AS USED ON HEADSETS, 65" LG WITH JK-26 JACK & PL-55 PLUG. Used, \$2.00

T-30 MICROPHONE CARBON TYPE, 75 OHM 50DB BELOW 1 MILLIVOLT, FLAT RESPONDS WITH PL-291 2 CONT MALE PLUG, 11" CORD PRICE: NEW \$3.00



PL-55 RECEPTACLE WITH PL-55 PLUG ON END 3 FT. CORD #R16-G34820, unused \$2.

CD-318 EXTENSION CORD WITH PL-291 2 CONTACT FEMALE PLUG TO FIT T-45 & T-30 MICS. SW-141 SWITCH & PL-68 MIC PLUG ON 7 FT. CORD USED \$2.00



CD-604 CORD WITH IMPEDANCE MATCHING TRANSFORMER 500OHM TO 4000, USED WITH HS-30 HEADSET, 6" CORD & PL-54 PLUG. Unused \$1. Used 60¢

AN/GSA-6 CHEST SET GROUP for use with H-63 Headset & boom mic. SA-142 Switchbox & CA-1070B cord w/plug. \$5 each.



HB-1 HEAD-BAND \$1.50

PL-68 MIC PLUG 30" Used, \$1.00

CD-605 CORD SAME AS CD-604 ONLY 30" LG. WITH PL-55 PLG UNUSED, \$2.00

JK-33 JACK TO FIT PL-68 MIC. PLUG. Used, 3 for \$1.00

PL-55 PHONE PLUG 30" CORD \$1.00

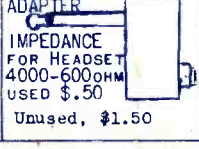


COILED CORD SETS Three conductor, 24" to 72" 75¢ 12" to 36" 50¢

JK-34 PHONE JACK TO FIT PL-55 PLUG Used, 3 for \$1.

STANDARD TELEPHONE HANDSET AND CORD, BLACK, USED USED, \$4. NEWER STYLE New, \$5.95

MC-385 HIGH to LOW ADAPTER IMPEDANCE FOR HEADSET 4000-600OHM USED \$.50



STANDARD TELEPHONE DIAL USED \$2.00



WESTCLOX 202 KEY WITH ADJUSTABLE CONTACTS; COVER, CORD, AND PL-55. #W-202/5854, \$3.95 EA. 3/\$10.



TWIN PADDLE KEY MADE FROM A-202 BY R.N. MASON W8NN 551 TURNER LIMA, OH 45804

STANDARD TELEPHONE EQUIP.



CALL COMMANDER SWITCHBOARD NE634C HAS RE-MOVED FROM SERVICE. 11 LINES \$24.95 5 LINES \$20.17 " 34.95 0 LINE KEY BAR ONLY \$ 8.00

Same style as Call Commander only 5-line, one-hold; with cable & plug. Black or beige. BE1701-6B, used, \$22.50



STANDARD DESK SET: 3-line, 3-hold w/cord & terminal lugs, used \$18

STANDARD DESK SET: one line only, w/cord & terminal lugs. used \$15

MODERN TRIM-STYLE PHONE, desk type with dial, ringer, and 6' cord with modular jack; re-furnished. Colors: black, red, green, harvest gold. \$34.95



PRINCESS TELEPHONES with dial but no ringer. Colors: pink, blue, or turquoise. Specify 1st & 2nd choices. With cord and terminal lugs. Used, \$15.

WALL TELEPHONE; Straight line 20 cycle ringer, with dial. Various Manufacturers wall-Tell#5103, 5 lbs. used \$15.00

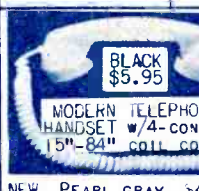
STANDARD TYPE HANDSET, AMPLIFIED RECEIVER with volume control. Jen.#20 \$20

WE-302 TELEPHONES; OLD, ANGULAR STYLE. STRAIGHT OR COIL CORD (NO CHOICE); BLACK. USED, \$9.95



HANDSET HOLDER FOR HORIZONTAL MOUNTING, SIZE 1 1/2 x 3 1/2 #6988 \$.50

TELEPHONE SWITCH KEY IN METAL BOX FOR MTG. LEVER TYPE SWITCH. MC-88003 FOR 2 OR 3 LINE. (SPECIFY) \$2.95



MODERN TELEPHONE BLACK \$5.95



SOUND POWERED HEAD & CHEST SET

J-37 Key with brass adjustable contacts, mounted on bakelite base 3"x6"x 3/8" with cord. Used \$7.95

SOUNDPOWERED HEAD & CHEST SET. MIC ON BREAST PLATE 20" CORD. RUGGED UNIT. NO BATTERIES NEEDED. USED \$15.00

J-45/J-116 Leg Iron only to mount J-37 Key, used \$4.75 CD-201 cord w/PL-55 Plug to complete assy. \$2.

H-60 HANDSET f/TA-43-312 phones. used \$10

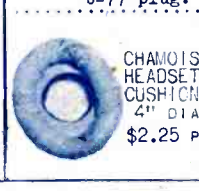


H-189 HANDSET f/PRC-25, VRC-13 Used \$12.

M-80 MICROPHONE with U-229 plug. used \$10

M-29 MICROPHONE with U-77 plug. used \$5

TELEPHONE BELLS USE AS EXTENSION IN SHOP ETC. 2 LB. 4x4x1 1/2 #3661A \$1.50



CHAMOIS HEADSET CUSHIONS 4" DIA. \$2.25 PR.

GENERAL TIMEKES
 TM-506 to right, 0-14 second indicator 110 volt 60 Hz. motor repeat cycle used 6.95
 TM-229 same as above, no face plate, knob or dial. For 10 seconds oper. max. U \$5.

VARIOMETER TUNING RF TRANSFORMER
 for use in the 175 KHz-18 Mhz range. Outside coil 27 1/2 turns; inside ball 25 1/2 turns. Outside coil size: 5 1/2 x 6 1/2, shaft 1/2" x 3/16, 7 lbs sh. #C6239, \$5.

METERS for vehicles; 2 1/2" round. Unused, \$5.00 each.
 #GPA10844; 8-16 VDC, 12 V red line; Stewart-Warner. #1513195; 40°-160°-240° F temp., 24 V., AC mfg. #BL-111947; Battery Charge, FS-10 amps, red line 6 amp Benwood-Linze Co. mfg.

CANVAS BAGS, STRAPS AND COVERS. MAY BE USED OR UNUSED. ALL ARE CLEAN WITHOUT TEARS. SHOULDER STRAPS ARE ADJUSTABLE AND MADE OF COTTON WEBBING.
 CW-189 BAG w/ SHOULDER STRAP AND SNAP COVER 10"Hx9"Wx8"D. \$5.00

BG-175 BAG similar to above, 9"lgx 9 1/2"Hx7 1/2"D. used, no tears \$3

BG-1942 BAG, AS ABOVE WITH STRAP CLOSURE COVER AND 8"HX 8"Wx2 1/2"D. \$2.50

BG-189 WALLET BAG, 10"Hx5"Wx3"D w/2 1/2" belt loops & cover w/snaps \$2.50 ea. 2 for \$4

CS-76 BAG, LIKE CW-189 BUT DUZ COVER CLOSURE. 7"HX10"Wx8"D, \$2.75

ST-19 CARRYING STRAP, 65" LG. X 2"W; w/2" SWIVEL-EYE SNAP HOOK AND TONGUELESS-BAR BUCKLE NEAR ONE END TO ADJUST LENGTH. \$3.00

ST-42 CARRYING STRAP, AS ABOVE, NO SWIVEL, \$2.50

ST-54 CARRYING HARNESS AS USED WITH BC-1000 TRANSCEIVER; 38 1/2" EXTENDED LENGTH, 14" WIDTH. ADJUSTABLE STRAPS AND SNAP HOOK, \$3.

ST-120 HARNESS FOR PRC-8-9 -10 RADIO SETS. SIMILAR TO ABOVE, SAME USE, \$5.00

CW-216 CARRYING BAG F/PRC ANTENNA AND H-33 HANDSET; COMPARTMENTS FOR EACH. O/A 19" LONG WITH TOP 5" WIDE TAPERING TO 3" WIDE AT BOTTOM, 3 1/2" DEEP. W/SNAP COVERS AND HANGER FOR AMMO BELT, \$6.00

CW-206 ROLL BAG FOR MS-116 SERIES MAST SECTIONS. COMPARTMENTS FOR GRC-SERIES SET ACCESSORIES. SNAP AND WEB STRAP CLOSURE. O/A 40" LONG, 3"Hx5"D. \$5.00

MOTOR DRIVEN RELAY SPST norm. open 115 v. 60 Hz. 10 amps. cont. motor 115v 60 Hz. non. sync. 3.8 w. 4/5 rpm. Cams can be set to set to make cont 30 to 60 seconds. Also has provision to bring out a shaft. size 2 1/2x4x2, 1 lb. #N17H-68292 unused \$6.00

TIME-O-MATIC SIGN CONTROL, 115 VAC 60 HZ. THREE CONTACTS RATED 15 AMP EACH. TWO ALTERNATELY MAKE AND BREAK ONCE PER SECOND FOR 15 SEC; OTHER BREAKS FOR 20 SEC. AT THE SAME TIME. THEN ALL THREE MAKE AND THE CYCLE REPEATS. SIZE: 3x5x6; SHPG. WT: 5 LBS. #53 K-155, \$4.95

KEY SELECTOR CONSISTS OF MANUAL CLOCK MECHANISM FOR SENDING 17 IMPULSES, CAN BE SET TO CALL ANYONE AT 78 STATIONS, SPST LEVER SWITCH 2x2 1/2x4 1/2; 4C5100.60A \$1.50

SYNCHRON CLOCK MECHANISM, No. 610 110 v. 60 cycle 3 WATT 4 RPM #EC-129RB, WITH GEAR ASSY, NO RESET OR COVER. 2x2x2 1/2; 4oz. \$1.35

SYNCHRONOUS MOTOR, 26 volt 60 cycle, 60 rpm, shaft 1x 1/16, motor 1 1/2x2 1/2 #1147 \$2

HANSEN SYNCHRON CLOCK MOTOR 110 VOLT 60 CYCLE 10 R.P.H. MODIFIED WITH SLEEVE OVER SHAFT TO 24 R.P.H. #A12-RC-12-62 \$1.50

CRAMER TIMER SWITCH ASSY. MODEL TC-60SEC, 230 v 60 c/vc, SWITCH 5 AMP. CONT. 3.8 w. 4/5 RPM MOTOR. \$1.95

THERMAL SWITCH opens 30 sec. after cooling. Operate 130 vac. 2m ohm res. 1 1/2x1 1/2, 20" leads. M-4199 \$1.50

SA-235/APA-57 CONTROL UNIT: Has a small Gyro connected to a contact arm that moves across resistance contact

which will give four voltage readings in right or left positions. Also has 2PDT 24v. relay switches etc. 10x5x5; 4lbs. \$6.95

CONTROL FLIGHT RATE GYRO. 115 volt 400 Hz. Gyro size 2 1/2x2 1/2x2 1/2, case size 3x3 1/2x3 1/2. wt: 3lbs. J67005 A-7 \$5

AS-207/CRT-3 ASSY w/300' #16 strand braided cadmium alloy copper wire on RL-48 reel and crank; mounted to aluminum door w/adjustable brake and snap swivel. Part of CRT-3 xmitter antenna which attached to kite or balloon. 2x4 1/2 dia, 3 lbs. Used \$9.95 No door-damaged reels, 6.95 Wire only, \$4.95

RELAY CONTROL UNIT WITH 4/24 VDC REED AND 3/24 V. P&B 4PDT RELAYS. AL-30, 1500 MFD 100 VDC AND 3000 MFD 25 VDC CAPACITORS; 6/11-CONDUCTOR CABLE; AND SOLA TRANSFORMER WITH 24 V. AND 75 VDC OUTPUTS. NICE CASE: 6x5x10 (TOP), 3x5x10 (BASE); 15 LB. #RCU1, \$9.95

RECORDING TAPE
 MAGNETIC TAPE FOR MOST AUDIO RECORDERS, 10 1/2" REEL; 1/2" WIDTH APPROX. 3600 FT LEADING MANUFACTURERS. WT; 2 LB AST3045 \$1.50 4 FOR \$5

WIRE RECORDER MAGAZINE for one hour w/wire on spool magnetizing head, timers switches etc. For use with wire recorder IC/VRW-7 on page #MX-303 5lbs \$9.95

HEATING ELEMENTS
 ROUND HEATING ELEMENT, 6" OUTER DIA., 3 1/2" INNER DIA. 1/4" THICK. 118 VAC 500 WATT. NUT TERMINALS. #HSW-6, \$3.
 CHROMALOX, CARTRIDGE-TYPE C-414; 115 VAC 180 WATT. 2 1/2x3 1/2; 9" LEADS, \$1.50
 STRIP HEATER, 46 V. 60 W. 1 1/2x5 1/2, #PT5X73, \$1.50

LOOP COIL TYPE, 9" LONG; 115 VAC 30 w. #83975, \$2.00
 DOUBLE "U" LOOP COIL, 3" HIGH. 115 VAC 1000 WATT. CHROMALOX #2111-2, \$2.50

LONG DURATION TIMER WITH 115V RESET RELAY, 115V 60 HZ 1/16 RPH MOTOR. CAM ACTUATES SPDT MICRO SWITCH. 3 1/2x2 1/2. UNUSED \$2.95

ILLUMINATED CLOCK MECHANISM AS USED ON CLOCK RADIOS. CLEAR PLASTIC FRONT TO TRANSMIT LIGHT, NO HANDS. HAS 60 MIN TIMER ALSO HAS ON-OFF-AUTO ALARM 2"sq FACE. 115v 60 HZ. SH WT 2 LB. UNUSED \$1.50

ELECTRIC TIMER ONE HOUR, OPENS AT END OF PERIOD 115 v. 60 CYCLE CONTACT 230 v 25 A. ROBERTSHAW 700-2141 \$1.95

STOVE TIMER CLOCK MECHANISM START-STOP OFF-REGULAR 115 V.A.C 60 cycle Switch rating 230VAC 30AMP Knobs are not the type used on stove but can be modified Black Face Q155791 \$2.95 Silver " Q155795 3.25

TIMER SPRING WOUND TYPE closed when unit is wound, opens at the end of time. 30 minute 115 volt 20 amp. Lux#2500 \$3.95 60 minute 120/240 vac 15 amp. Rhodes 65b \$4.50

MN-40 INDICATOR 0-360 DEGREE SCALE SIMILAR TO ABOVE EXCEPT THAT IT IS OPERATED MECHANICALLY BY USE OF A SPLINED FLEXIBLE SHAFT OR SPIN KNOB OR BOTH.
 MN-40 INDICATOR 5" \$2.50
 MC-124 SHAFT 20" \$1.50
 MC-137 SPIN KNOB \$1.00

AUTOSYNS THAT CAN BE USED TO MAKE WIND DIRECTION AND SPEED SYSTEMS.
 Sperry #5663642 \$2.95
 AY-201 or equivalent used \$4.00
 AY-1 Autosyn new \$5.95

SPERTI VACUUM SWITCH SIMILAR ONE IN ART-13 XMITTER KEYING RELAY. GLASS, SPDT. #3340-5345, \$3.00

PUSH SWITCH ASSY, 9 SWITCH SP PUSH OFF, 8/DPST CANCELING TYPE WITH ONLY ONE IN USE AT A TIME; W/BUTTONS, 5 1/2x2x2 1/2. #229903A, \$3.95

INTERLOCK SWITCH, HEAVY-DUTY 3/4" COPPER STRIP CONTACTS OPEN WHEN DOOR IS OPENED. PLUNGER 1-1/8"; 2 1/2x1x2 1/2. ONE-LITE #231 \$2

BC-610 XMITTER INTERLOCK SWITCH, 2 1/2x1 1/2. GE#7760014-2, \$2.00

3" DIA 0-360° INDICATORS, usable for antenna position project in 9/79 ST & windspeed proj. I-81 5" marks, used \$8.95 ID-637/ARN, 2" marks and VAR knob, unused, \$12.95

ID-66/APA-44 AIR SPEED INDICATOR; CONTAINS A KOLLSMAN TRUE AIR SPEED METER AND AN INDICATING WITH A RANGE OF 84 TO 434 KNOTS. HAS OSTER MOTOR AV-240, RELAY, 1/6AK5 TUBE, COMPENSATING DEVICE PLUS MANY OTHER COMPONENTS. 15x7 1/2x5; 20 LBS. USED \$15.

RT-58/ARC-12 CHANNEL SELECTOR AND MOTOR ASSY. 10 POSITION AUTOTUNE MOTOR DRIVEN 26.5 VDC WITH 2 SHAFTS 60 RPM ALSO RELAYS. 4 1/2x6x3 1/2; 5 LB. #596C-1 \$2.95

THERMOSTAT Penn Controls type 810, 22amp lph, non inductive, 120/240 vac. adjustable switch. 21" sensor lead. \$5.00

30 RPM MOTOR
 30 RPM GEARHEAD MOTOR, 24 VDC; Size: 2 1/2x1-3/8. Shaft: 3/8" x 1/8" dia. Hayden #K43121-P6. NEW, \$6.95

I-82 RADIO COMPASS INDICATOR, 5" 0-360 scale with AY-1 autosyn. Use in 9/79 ST antenna position project. 4 lbs. Used, \$18.95 I-82, reconditioned, \$24.95

MN-42C RADIO COMPASS INDICATOR 5" WITH DUAL azimuth dials two AY-1 auto syn. Used in aircraft that had two separate antenna loop systems. Used, \$23.

I-91(*) RADIO COMPASS INDICATOR 3" 360 deg. sc. used w/ARN-6 sys. 3 1/2"x3". (can be used with wind direction system) used \$9.95 NEW \$14.95

I-101 CROSS POINT INDICATOR For combined use from localizer Rec. & Glide Path Rec. used w/ARN-5, RC-103 et 3 1/2x3 1/2x3; used broken glass, good movements \$2.95/Re-ond \$5

ID-304/APA-70C Cross Point Indicator. Same as I-101 but has on/off power switch. Unused, \$10.95

WIND SPEED

WIND DIRECTION INDICATOR using the Sperry #R5663642 selsyns on page 17. Design your own wind vane and indicator so that you can check wind direction from inside your house. Selsyns #R5663642, unused, \$2.95 ea

DC FM MOTOR

WIND SPEED INDICATOR using a 24 VDC FM motor (p.17) as a generator, a 200 micro-ammeter, and a resistor range scaler so that wind speed may be monitored indoors. We'll supply the FM motor and a 3 1/2" rd. 0-200 scale (FS=200 ua) meter; you design the rest. #WS-MOTOR & METER, \$7.95

AY-1 AUTOSYN MOTOR AS USED IN I-81, I-82 ETC. DIRECT REPLACEMENT. \$5.95
 I-81 & I-82 ARMATURES ONLY #3H2716/A1, UNUSED, \$3.95 I-82 GLASS ONLY, \$2.00

MODULAR POWER SUPPLIES



LAMBDA MODULAR POWER SUPPLIES, RUGGED SOLID-STATE. REGULATED 0.03%. REMOVED FROM EQUIPMENT BUT IN EXCELLENT CONDITION. RATINGS ARE BASED ON A 60 HZ VAC INPUT; OUTPUT V-5% AND AMPS @ 40° CENTIGRADE.

LMB-20	105-132	20 V	1.8 amps	\$28.00
LMB-20	105-132	20 V	5.0 amps	40.00
LMB-20V	205-265	20 V	5.0 amps	45.00
LMB-20	105-132	20 V	7.4 amps	50.00
LMB-20V	205-265	20 V	7.4 amps	55.00

Package size types: (B) 3x5x6, (CC) 5x5x9, and (D) 5x7x9. Approx sh wt: 18 lbs.

NORTH ELECTRIC MODULAR POWER SUPPLIES, 105-132 VAC 50-60 Hz input; ratings 40 C.

#N14005A	5 VDC	13 amps	\$50.00
N64005A	5 VDC	28 amps	75.00
N11006A	6 VDC	3.5 amps	22.00
N15010A	10 VDC	16.5 amps	75.00
N16028A	28 VDC	14 amps	80.00
N14003KA	3.7 VDC	14 amps	28.00

RACKMOUNT MODULAR POWER SUPPLIES, Lambda (L) or North Electric (N) mfg. Ratings @ 40 C.

#LMP-A-5	5 VDC	31.5 amps	\$80.00
LMP-A-20	20 VDC	16 amps	85.00
LM-G5-OVMYK	5 VDC	75 A metered	145.00

#N17005A	5 VDC	49 amps	\$100.00
N18005A	5 VDC	82 amps	125.00
N18005A-M	as above	with meters	150.00
N19005A	5 VDC	120 amps	160.00

CON-AVIONICS/NJE HS SERIES, 19-21 VDC 15.5 amps from 220 VAC 50-60 Hz input, \$75.00

CON-AVIONICS HS SERIES DUAL POWER SUPPLY, 17-19 VDC 16 A and 110 VDC 225 ma. Used \$60.

DRESSEK-BARNES with remote sensing:
#26859 210-250 VAC in, 20 VDC 3 A out \$25.
#26858 210-250 VAC in, 20 VDC 9 A out 45.

NORTH ELECTRIC #PEC275A, 115/230 VAC 60 Hz input, output 6 VDC 500 ma, -6 VDC 500 ma, -12 VDC 1.6 amp, -28 VDC 4 amps, \$24.00

NORTH ELECTRIC #PEC3496, 115/230 VAC 60 Hz input, output 5 VDC 42 amps, 15 VDC 5 A, -15 VDC 5 A, -12 VDC 18 A, 24 VDC 10 amps, 250 VDC 200 ma. 24x7x16, 150 lbs sh. \$100.00

OREGON D6 DUAL OUTPUT REGULATED POWER SUPPLY, two 0-600 VDC 200 ma outputs or one 0-600 VDC 400 ma output. Also 0 to -150 VDC 5 ma and 6.3 VAC 1 A outputs. Input: 100-150 VAC 60 Hz. Has 2-4x4 meters and 13 tubes. 10x19x11; 50 lbs. Used-repairable, \$85.00

TRANSISTORIZED



TRANSISTORIZED-REGULATED P.S. INPUT: 105-125 VAC 50/60 Hz. MOUNTED ON CIRCUIT BOARD, 4x5, wt: 3 LBS. UNUSED, #CD5N1.5 5 VDC 1.5 A. \$15. #CD12N.85 12 VDC .85 A. \$18.

THUNDER POWER SUPPLY, trans. reg. 3.7 VDC 750 MA f/115 VAC 60 Hz in. W/info to modify to 3-10 V 500 ma approx. 3x5x3, 5 lbs. NEW, \$12.

WANLESS 1-OEM IC POWER SUPPLY; OUTPUT: 24 V. @ 2.5 AMPS. REGULATED; AUTOMATIC FOLDBACK CURRENT LIMITING. FLOATING + AND - OUTPUTS. AC INPUT; SOLID-STATE. SIZE: 5x5x6; WT: 10 LBS. NEW, \$27.95



DC TO AC CONVERTER

PU-143C/U ROTARY CONVERTER, rotating armature unit changes 24 VDC 27 amp input to 115 VAC 60 Hz single 0 500 VA output. Metal control box on top of 3600 RPM inverter contains 0-130 VAC variable transformer, 0-150 VAC 2 1/2" round meter, AC receptacle, and DC input terminals. Size: 14x8x14, 77 lbs sh wt. Used, \$89.50



VOLTAGE REGULATED POWER SUPPLIES

Regulated power supplies, used-repairable. Shipped freight or bus collect unless "UPS" noted. ***** LAMBDA MODEL 29M, metered output 100-200 VDC 100 ma and 6.3 VAC 3A. Rackmount; UPS. Used, \$35.00

LAMBDA 28, 200-325 VDC 100 ma and 6.3 VAC 3 amps, rackmount, \$22.00

LAMBDA C-282M, 325-525 VDC 200 ma and 6.3 VAC 10 amps. Rackmount with meters, \$65.00

NORTH ELECTRIC 48-52 VDC 6 amp output from 115/230 VAC 60 Hz in. Solid-state with 2 1/2" GE DW-91 meters for 0-80 VDC and 0-10 amps, AC circuit breaker, and Equalize-Flow switch. 12x19x8, rackmt. #PEC2627B, \$55. OTHERS AVAILABLE. WRITE YOUR NEEDS

VARNY AUTO-RACE PACK 2/14 VDC 600 MA outputs makes nice small bench supply by adding regulator, etc. 5x1 AC cord; 5x3x2, 3 lbs. \$2.95

NJE-S-300-C, 200-500 VDC 300 ma and 6.3 VAC at 5 amps. Rackmount with meters, \$75.00

BETA ELECTRIC HV SUPPLY, 0-30 KVDC 2 ma; metered, \$95.00

12/24 VDC 22/11 A

CPP-2 POWER SUPPLY, output 12 VDC 22 amps or 24 VDC 11 amps. With mains and load control and output mode indicator lights. Input: 90-130 VAC 60 Hz. Size: 11x16x10, 90 lb sh wt. Used, \$65.00

DYNAMOTORS

TYPE	USED	RENEW	TYPE	USED	RENEW
DM-25	2.95	4.95	D-401	6.95	
DM-28	6.95		D-402	6.95	
DM-32	2.95	4.95	D-401(SPEC)	8.95	
DM-32(12 V)	4.95		DY-9	9.95	
DM-33 (WRITE AV)			DY-10	12.95	
DM-34	2.95	4.95	DY-17	18.95	
DM-35		20.00	DY-21	8.95	
DM-36	2.95	6.95	DY-22	9.95	
DM-37		13.00			
DM-40	5.95		DA-6A	8.95	
DM-41	5.95		DA-1F	11.00	
DM-42		15.00	DA-14	8.95	
DM-43		15.00			
DM-53	4.95		BD-77	19.95	
DM-53	5.95	(12V)	BD-83	8.95	
DM-64	7.95				

ADVISE US OF YOUR REQUIREMENTS OR WRITE FOR SPECS. PE-86 5.95 PE-98 8.95 (COMP) PE-98 4.95 (DYN) PE-94 9.95

CARTER MA-2503; INPUT 6 VDC 6.3 A. OUTPUT 250 VDC 30 MA. SIZE 3x5x3; WT. 6 LBS. USED \$4.95

41S14 F/COLLINS 618; INPUT 27.5VDC 22 AMPS. OUTPUT 650 VDC 550 MA. & 250 VDC @ 150 MA. SIZE 9x14 N \$15

DYNAMOTOR DM-35 INPUT 12 VDC @ 18.7 AMP. OUTPUT 625 VDC @ 225 MA SIZE: 4x4x8; 13 LBS. UNUSED \$20

MOBILE SUPPLY

AVA-126 VIBRATOR POWER SUPPLY, operates from 6, 12, or 24 VDC depending on vibrator used. Output: 300 V. 100 MADC. Includes 6 VDC vibrator. 7x7x7; 12 lbs. Unused, \$5.



INVERTERS



EICOR INVERTER X3516-1 INPUT: 27.5 VDC 165 AMPS. OUTPUT: 115 VOLT 400 CYCLE 2500 V.A 1 PHASE SIZE: 16x11x8; WT: 75 LBS. EXCELLENT COND. \$49.50

PU-7 INVERTER

INPUT: 28 VDC 160 AMPS. OUTPUT: 115 VAC. 400 CYCLE 21.6 AMP. 1 PHASE SIZE 19x8x10; 100 LBS. PRICE: UNUSED \$49.50

5AS13N3 INVERTER

INPUT: 26 VDC 100 AMPS. OUTPUT: 115 VAC 400 CYCLE 1500 VA 1 PHASE SIZE: 14x9x6; WT: 50 LBS. PRICE: UNUSED \$45.00

MG-149H INVERTER

INPUT: 24 VDC 36 A. 750 VA. OUTPUT: 115 V. 400 CYCLE 1 PHASE 500 VA & 26 V. 400 CYCLE 1 PHASE 250 VA. SIZE: 12x8x8; WT: 25 LBS. PRICE: GOV. RECOND. \$49.50

INVERTER

INPUT 27.5VDC 60A OUTPUT 115 V 400 CY 750 W 3 PHASE 26 V 400 CY 50 W 1 PHASE SIZE 11x10x6; WT: 40 LBS. LELAND#10285 used \$34.95

EICOR 3012-08 100 VA INVERTER Input: 24/30 VDC 11 amps. Output: 115 VAC 400 Hz 1-Ph, 100 VA. Size: 9x6x4, 14 lbs sh wt. Used, \$16.95

PU-235/U AC TO DC CONVERTER Input 115 VAC 50/60 Hz 1 0 29/31 amps, 3 HP 2800/3400 RPM. Output: 28.5 VDC 42/52 amps 1.2/1.5 KW. With meter fan. 250 lbs sh. Used \$185.

PU-175/U AC FREQ. CONVERTER Input: 220/440 VAC 60 Hz 30 Output: 120 VAC 400 Hz 3 0 18/26 amps. 225 lbs, \$275.



JACK & HEINTZ

F-132 INVERTER INPUT 27.5 VDC @ 100 AMPS. OUTPUT 115 V. 400 CYCLE 1500 VA 3 PHASE SIZE: 16 x 11 x 7; WT: 55 LBS PRICE: USED \$75.00

F-147 INVERTER INPUT 27.5 VDC @ 180 AMPS. OUTPUT 115 V. 400 CYCLE 2500 VA 1 PHASE SIZE 18x11x7; WT: 45 lbs PRICE: USED \$75.00



JACK & HEINTZ INVERTER #AN-3532-2 INPUT 27.5 VDC @ 20 AMPS. OUTPUT 115 VOLT 400 CYCLE, 3 PHASE, 250VA VOLTAGE REGULATED. SIZE: 12x7x4; WT: 20 LBS. FED#6125-617-0967 Used, \$18.95

1000 VDC 350 MA

BD-77 DYNAMOTOR; INPUT: 14 VDC 39 AMPS. OUTPUT: 1000 VDC 350 MA. SIZE: 11x10x6 SHPG. WT: 40 LBS. \$19.95

PE-73 DYNAMOTOR; SAME AS BD-77, BUT WITH 28 VDC 19 AMP INPUT, RECOND. \$30.00

DM-42 DYNAMOTOR; INPUT: 12 VDC 39 AMPS. OUTPUT: 1030 AND 515 VDC @ 215 MA. 7x7x11; 42 LB. RECOND. \$15.

VIBRATOR POWER SUPPLY, USED WITH AM/PIP-1A PUBLIC ADDRESS SYSTEM. INPUT: 5.2 TO 6.2 DC VOLTS; OUTPUT: 300 VDC 60MA, 50 VAC. SIZE: 4x3x2 3 LBS #H17VD-11077 NEW \$5.95

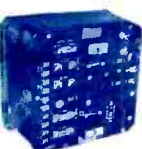
PE-104 POWER CONVERTER. 6 OR 12 VDC INPUT, OUTPUT 90 VDC, 1 1/2 VDC AND -45 V C. SIZE: 4x4x7; WT: 10 LBS. NEW \$3.95 w/EXTRA VIB. \$4.95

PP-855/PRC-14 VIBRATOR POWER SUPPLY WITH FILTER NETWORK. 6 VOLTS DC INPUT, 5.35 AMP OUTPUT 135 VDC @ 155 MA. SIZE: 7x2x2 1/2; WT: 3 LBS. NEW \$4.95

DUAL SIX VOLT D.C VIBRATOR POWER SUPPLY, OUTPUT 540 VDC @ 150 MA. CAN BE TAPPED AT 270 VDC. WITH 2/0Z4 TUBES. SIZE: 9x6x5; WT: 10 LBS. STK#3H6694-5 NEW \$7.95

HIGH VOLTAGE

ACE HIGH VOLTAGE POWER SUPPLY; OUTPUT: 3000 VDC 50 UA APPROX. INPUT: 115 V. 60 HZ. USES TWO 1B3 RECTIFIER TUBES. WITH MOUNTING FLANGE. SIZE: 6x7x2; SHPG. WT: 8 LBS. UNUSED. #ACE-HV3000, \$5.95 SPECIAL!! 2 FOR \$10.00



BELL SYSTEM POWER SUPPLY 105-130 VOLT 60 HZ. OUTPUT 18VDC 6 AMP 20VDC 1.0 A 9VAC 2,8 AMP & 18VAC 1.4 AMP. FUSED & AC CORD. SIZE: 8x4x8; WT: 22LB #J86731A USED \$6.75



PP-18 CONVERTER 12 VDC 4 AMP TO 24 VDC 1.5 AMP. PARRALLEL FOR MORE CURRENT. WITH VIBRATOR ALSO PLUG NEW \$4.95

TUBE SOCKETS

4X150 SOCKET PAIR f/T-195 xmitter modltr 4x3x2 1/2, #T195/4X150 Removed, \$12.
SEDLACSIK'S 958 ceramic 4-contact socket for 872, etc. Unused, \$3.00

EIMAC SK610/JOHNSON
124-110 socket for 4X150, used, \$7.50
With chimney SK606/124-111, \$9.00
Chimney only, \$3.00

OCTAL MOULDED 2 HOLE MTG. \$.25
" RING " .30
" CERAMIC (SPECIFY) .50
LOCTAL MOULDED 2 HOLE .35
CERAMIC TYPES 4, 5, 6 & 7
CONTACTS STANDARD SIZES .50
MOULDED TYPES 4, 5, 6 & 7
CONTACTS, STANDARD SIZES .35
MINIATURE MOULDED 7 & 9 .30
" CERAMIC 7 & 9 .40
SHIELDS FOR MINIATURE TUBE .25
GIANT 4 CONTACT CERAMIC FOR 211/VT-4C, 872 ETC.
GE #17461594-G1 USED .49
GIANT 4 CONTACT CERAMIC FOR 715, 718 ETC. JOHNSON 234 TYPE STK. #227684.98 UNUSED \$1.25
CERAMIC FOR 829 ETC. 1.25
" " 832 ETC. 1.25
" " 872 W/SHOULDER 1.00
" " 811/866 1.00
JOHNSON 214 F/750TL, 1500T-2.00
244 F/8008 ETC. 2.00

JOHNSON 0105-047 SOCKET for B29B and 5894 tubes, NEW \$2.50

4X150 SCREEN GRID BY-PASS CAPACITANCE RING, 2000 pf; 2-3/8" sq. mtg. Johnson 124-0113-021, \$5.

TERMINAL BLOCKS--TELEPHONE TYPE
844-1955 6 rows 20 terminals ea. row, total 120. Size 5x4 3/8 x 2-3/4 unused \$5.00

TT4x10F4A 4 rows 10 terminals ea total 40 3 1/2 x 3 x 2 \$3

32770.807 4 rows 20 terminals total 80. Size 7x3x3 \$4.25

4E9865 40 terminals, flat mounting 8x3 1/2 x 2 \$3.00

879-9661 3 rows of 30 terminals one side wire wrap. size 8-7/8 x 2-3/4 x 1-3/4 \$3.50

AIRCRAFT STYLE TERMINAL STRIPS
AN-3436-2-6 6 term. 4x7/8x11/16 6-32 studs on 19/32 centers .55
AN-3436-2-9 9 term 6x7/8x11/16 6-32 studs on 19/32 centers .75
AN-3436-4-10/10 term. 7-7/8x1x1 10-32 studs on 3/4 centers .80
AN-3436-4-16/10 term. 12x1x1 10-32 studs on 3/4 centers \$1.25

5BK-22 Consists of 3 AN-3436 terminal strips 13 term. each & 2 AN-3436 9 term. ea. The 10/32 studs extend thru. the phenolic board and have solder terminals. Board size 5x8 1/2 x 2; 4 lbs \$2.75

TERMINAL STRIPS WITH CLIPPED WIRE
BARRIER TERM. STRIPS AVAILABLE, 3/4, 1 & 1 1/2" WIDTHS, 2 TO 16 TERMINALS. TWO TERMINAL 20¢ EA. EACH ADDITIONAL TERMINAL 3¢. WE WILL SHIP CLOSEST TO YOUR ORDER.

HEAVY DUTY TERMINAL STRIPS.
APPROX. 2" W x 1/2".
6 TERM. 4x1 1/2 \$1.50 12 TERM. WITH 8 " 6 " 2.00 SCREW DOWN
12 " 8 " 3.00 HOLDER TYPE \$4

Capacitors

MFD	VDC	SIZE	PRICE
24000	3	4x3	\$ 1.00
2000	15	1 1/2 x 4 1/2	.75
1100	25	1 1/2 x 4	.75
500	200	2x4	1.25
4	400	2 1/2 x 4 x 1	.75
2	600	2 1/2 x 2 x 1	.50
3	600	1 1/2 x 3 x 1 1/2	.55
4	600	3 x 2 x 1 1/2	.65
6	600	4 x 2 x 1 1/2	.75
7	600	4 x 4 x 2	.80
8	600	5 x 3 1/2 x 1 1/2	1.00
1	1000	2 1/2 x 1 x 1	.50
1.5	1000	4 x 1 1/2 x 1	.75
2	1000	4 x 1 1/2 x 1	.85
4	1000	4 1/2 x 2 1/2 x 1 1/2	1.00
8	1000	4 1/2 x 2 1/2 x 1 1/2	1.50
4	1500	4 1/2 x 3 1/2 x 1 1/2	2.50
15	1000	5 x 3 1/2 x 2 1/2	1.10
15	1000	5 x 3 1/2 x 2 1/2	1.50
2x8	1000	5 x 4 x 2	3.00
2	1500	4 x 2 x 1 1/2	1.00
2	1500	6 x 3 x 2	3.75
12	1500	4 x 4 x 4	5.95
4	1500	3 x 3 x 1 1/2	1.50
4	2000	2x3x1	1.00
4	2000	5x3x2 1/2	4.50
1	2500	4 1/2 x 3 1/2 x 1 1/2	1.25
1	3000	4 1/2 x 3 1/2 x 2 1/2	1.50
1	5000	8 1/2 x 4 1/2 x 3 1/2	4.00

OTHER VALUES--WRITE--SPECIFY

COMPUTER GRADE

MFD	VDC	SIZE	PRICE
23000	7	5 1/2 x 1 1/2	.60
		BANK OF FIVE	2.50
150000	10	5 1/2 x 3	3.50
61000	10	4 x 2 1/2	1.50
13000	15	4 1/2 x 1 1/2	1.50
73000	15	4 x 3	3.00
40000	20	4 1/2 x 2 1/2	2.75
52000	20	6x3	3.75
20000	25	4 1/2 x 3	2.00
44000	25	6x3	3.00
24000	30	4 x 2 1/2	2.25
25000	30	4 1/2 x 3	2.50
54000	30	6x3	4.50
18000	35	4x3	2.50
25000	35	4x2 1/2	3.00
37500	35	6x3	4.00
9400	40	4 1/2 x 1 1/2	2.25
16000	40	4x3	2.75
30000	40	4 1/2 x 3	3.00
16800	75	4 1/2 x 2 1/2	5.00
48000	50	5 x 3	4.00
51000	40	4 1/2 x 3	4.50
12500	50	4x3	2.25
23200	50	4x3	3.75
34000	50	5 1/2 x 3	4.50
13500	60	4x2	4.00
20000	60	4 1/2 x 3	5.00
950	75	4x3	2.00
3500	100	5 1/2 x 3	4.00
1250	180	4 1/2 x 2	3.00
4300	250	5 1/2 x 3	8.00
500	250	4 x 1 1/2	3.00

WRITE FOR QUANTITY PRICES

PHOTO FLASH TYPE
600 MFD 360 VDC 3 1/2 x 1 \$2.25

AC CAPACITORS

MFD	VAC	SIZE	PRICE
1.3	950	5 1/2 x 4 1/2	3/\$1.00
8	660	6x2x1	2.00
10	660	5x3x2	2.50
4	660	3x3x2	1.25
2	440	2x2x1 1/2	1.00
20	330	3 1/2 x 2 1/2 x 2 1/2	3.00
4	370	2 1/2 x 2 1/2 x 1 1/2	.75
7	330	2 1/2 x 2 1/2 x 1 1/2	1.25
4	330	6x2 1/2 RD.	1.00
3.9	330	4x2x1	1.00
5	220	4x3x1	1.00
47-58	220	4 1/2 x 2 RD.	2.00
4	220	4 1/2 x 1 1/2 x 1	1.00

ROTARY SWITCHES

Gold flash ceramic switch 2 deck 12-position contacts 1 1/2 dia. 1-3/4" dp. 889-5718 \$4.50

ROTARY SWITCH, 2-DECK. ONE 4PDT MOMENTARY BOTH SIDES; OTHER 2PDT MOM. B.S. AND 1PST MOM. 1-3/8" DIA.; CER-AMIC. #329825-20. \$1.00

MINI-ROTARY, 1-pole 3-pos. shorting. 1" dia; 1/8" dia shaft. No hardware. #LED-M13-S, unused, 75¢

THUMB-WHEEL WAFER SWITCH, 18 POSIT-ION, NUMBERED, 2 HOLE MTG. HORIZON-TAL OR VERTICAL. 2 1/2 x 3/8" # 960 NEW \$1.25
SAME AS ABOVE 10 POSITION 2 1/2 x 3/8" # 980 NEW \$.75

25 POSITION, 3 DECK, SILVER PLATED CONTACTS, 2 1/2 x 2 1/2, 1/4" SHFT. M-548-6083 NEW \$5.00

ROTARY SWITCH 10 POLE, 4 POS. 5 DECK. 3 1/2 x 1 1/2. RM-39/31.9 RE-MOVED \$1.00

ANTENNA COUPLING SWITCH, 6-posit-ion, 1-pole. 2-3/8" dia. Cer-amic, bar knob. Removed, \$3.95

Rotary switch one deck 17-position, one tie deck. 1 1/2" x 1. silver pl. SW-249 \$2

GE CERAMIC POWER SWITCH, two deck; 4 break/3 make. 4"x2" dia. #G1/407, \$1.95

DAVEN SWITCH

18-POSITION, CON-TINUOUS TURN, 2" dia. Zinc-silver contacts. 3 1/2" dia shaft. #329825-92.2 Unused, \$3.00

Miniature tap switch 1 pole 7-position rated 1 amp. 1 1/2". Grayhill 7 pos. \$2.00

Power on/off sw. rated 3a. 125v. ac/dc w/2-gang pot. one meg. # 600 ohm concent-ric. 1 1/2 x 1 1/2 VC-0058 \$1.50

Ceramic 5 pole 3-position, 2 deck rotary 2" x 1 1/2". used Re-moved S-602/13 \$1.50

Ceramic 1 pole 12-position rotary sw. 1 1/2" dia. w/stop. re-moved S-601/13 \$2.00

ROTARY ACTUATOR

will operate 12-28 vdc 12 position 30 degrees each.
2 1/2" shaft for mtg. & rods for wafers, no wafers with unit. 2 1/2 x 3 1/2 x 1; 1 lb. M1167869G1 or equivl. \$2.00

ANTENNA CIRCUIT SWITCH

100 WATT 3/MAKE 3/BRE AK SIZE: 4 1/2 x 2 1/2 IN. #329626 \$2.50

ROTARY SWITCH, BAKELITE WAFER; 2 DECK, 5 POSITION; 1 POLE MOMENTARY 5 POS. 2x2 x2 SW-145 39¢ EA 3/\$1.00

CERAMIC ROTARY SWITCH, TWO DECK; 1-POLE 4-POS./DECK. 1 1/2" DIA. ACE#2-IPAP, \$1.50

Parts Kits

DISC CERAMIC CONDENSERS 33 ASST. 15MMF-.01MFD. Good Value \$1.25 a KIT

WIRE ASST. SIX 25 FT. COILS; IN-SULATED. TINNEO-COP-PER, \$1.50

MICA CONDENSERS 25 ASST. 10 MMFD TO 6800 MMFD. \$1.00 a KIT

TRIMMER CONDENSERS 25 ASST. 3 TO 280MMF WIDE RANGE \$1.00 KIT.

PRECISION RESISTORS 25 asst. on boards. Car-bon or wire wound 1%. \$1.50/kit

RESISTORS WIREWOUND 25 ASST. 5 to 20 Watt.Wide range of values some tapped. 25 ASST \$1.00

VOLUME CONTROLS 10 ASST. Popular Values \$1.00

TUBE SOCKETS 20 ASST. Octals Locals Minatures Wafers etc \$1.00

PILOT LIGHT SOCKETS 25 ASST Bayonet Screw etc. \$1.00

TERMINAL STRIPS, Tie lug strips, ASST types. 25 for \$1.00

TERMINAL LUGS, ring spade, crimp types. Wide variety of sizes for all uses in clear plastic box. APPROX. 200 PCS. \$1.50

ROTARY WAFER SWITCH six different types Multi-decks and contacts \$1.25

BATHTUB CONDENSERS KIT. 1 to 1 mfd up to 600 VDC. Vari-ous types 10/\$1.

HARDWARE ASSORTMENT FOR COMPUTER & RADIO ELECTRONIC EQUIPMENT such screws, washers terminals, rivets, nuts, other findings unused 2 lbs \$2

COMPUTER GRADE CAPACITORS OUT OF EQUIPMENT GUARANTEED

MFD	VDC	SIZE	PRICE
900	165	2x4 RD.	\$1.00
100	250	1 1/2 x 2 1/2	1.25
1400	99	2x4	1.00
3500	52.5	2x4	1.25
12000	11	2x4	1.25

ABOVE, IN LOTS OF 6, 20% OFF.

MICA CAPAC-ITORS used .01 600 55 in RF power .0062 1200 55 circuits. .022 1200 60 JAN CM-size .00047 2500 55 less than .005 2500 55 1 1/2 x 1-3/8. .006 2500 55 \$1.25; 5/\$5. .01 1200 45

MLECTROLYTIC (E); PAPER (P)
450 uf 25 VDC (E), 65¢ 4/\$2
1000 uf 25 V (E), 85¢ 4/\$3
40/40 uf 150 V (P), 2/\$1.
80/40/20 uf 150 V (P), 2/\$1
150 uf 200 V (P), 2/\$1.00
100/40 uf 350/300 V (E) \$1.

1 KVDC DISCS: 7/\$1. 100/\$5.
UF: .0001 .0002 .001 .002
3 KVDC DISCS: 4/\$1. 100/\$12
UF: .00009 .00025

TANTALUMS, 35 VDC POB-type: 4.7 or 6.8 uf, 3/\$1. 1C/\$25
40 uf 25 V 2x3/8 tanta, 2/\$1
47 uf 20 V 2 1/2 x 2 tanta, 2/\$1

POLYSTYRENES, 4/\$1. 1C/\$15:
.01 uf 200 V; .009 uf 500 V
0.022 uf 100 V mylar, 4/\$1.
0.33 uf 500 V mylar, 5/\$2.
1.5 pf ceram. feed 1", 6/\$1

RESISTORS

3/5 W, 20¢ EA; 10/25 W, 30¢

0.33 Ohm	11 watt	WW Dale
0.5 "	10 "	" "
2.0 "	10 "	" "
2.43 "	3 "	" "
10 "	8 "	" 30¢
34 "	5 "	" "
70 "	5 "	" "
100 "	5 "	" "

BLEEDER RESISTORS
700 OHMS 10 WATT, 5%
3900 " 25 " " FERRULE
1000 " 25 " " WW
15K " 10 " " "
15K " 3 " " "
100K " 3 " " CERAMIC

PRECISION RESISTORS

5K OHMS 1/2 WATT, 0.1%, 60¢
7.5K OHMS, 0.333 WATT
0.25%, WIREWOUND, 4¢ EA.
28K OHMS 1/2 WATT, 0.05%, WIREWOUND, 4¢ EA.
55 MEGOHMS, 10 WATT, 1%, DALE WIREWOUND, \$1.00 EA.

DALE PRECISION POWER RES.

100 WATT (3 1/2 x 3 1/2) IN VAL-UES: 45Ω (3%), 120Ω (1%), 450Ω (1%), 1400Ω (1%), \$2.50
250 WATT (4 1/2 x 3 1/2) IN VAL-UES: 600Ω (1%), \$3.00

125 WATT 2.9 ohm 1%, \$3.25
250 WATT 1.0 ohm 5%, \$4.00

260 OHMS 5 watt 1%, 3/\$1.
4K ohms 3 watt, 1 1/2 \$1.00
10K ohms 150W, 6x1 1/2, \$1.75
75 ohms 50 W, 5%, 4x5/8 \$1.

SLIDER VARIABLE WW RESISTOR

15 ohm 35 watt, 10%, \$1.00
10 ohm 75 watt Ohmite \$1.50

MINIMUM ORDER \$5.00

TRANSFORMERS

60 V 12 A

Pri: 115 V 60 Hz
Sec: 60 VCT 12 A
50 VCT 3 A
5x5x4, 18 lbs.
#MEND-18903 \$15.



32VCT 8A

Pri: 105/110/115
50-60 Hz
Sec: 32 VCT 8 amp
4x3x3, 6 lbs.
#ND 6012143 \$6.



Pri: 115 V 60 Hz
Sec: 15 V 3 AMPS;
13 V 2 A;
6.3 V 7 A.

WITH CAPACITOR,
4x3x3, 13 LBS.
#PV-175-9, \$5.95

Pri: 115 V 60 Hz
Sec: 12.5 V 2 AMP
150 V 2 AMPS
4x3x3, 13 LBS
#773605, \$6.95

Pri: 115 V. 60 Hz
Sec: 300 V. 500MA
6 V. @ 2.5 A
5 V. @ 1.5 A
3x4x4, 13 lbs.
#SAN-300-500 \$7.95

Pri: 115 V. 60 Hz
Sec: 1280VCT 350
A/6.3V 7 A. and
V. 4 A.
4x4x5, 22 lbs
#GP-35 \$16.95



Pri: 115/230 VAC
50-60 Hz
Sec: (12 V 14 A
by wiring 12 V
secondaries in
parallel) or
12 V 9 A, 12 V
3.2 A, 12 V 2
amps; also 44 V
2.5 amps.
5x4x4, 22 lbs
#P-601719, \$9.95



MICROPHONE TRANS
Pri: 40 OHMS
Sec: 75000 "
SIZE: 1x1x2
WT: 2 oz.
2Z9986-2/RM-12
PRICE: 75¢

AUDIO MATCHING

OUTPUT TRANSFORMER
Pri: 5000 ohms
.015 adc Sec; 200
& 4 ohm, .1-10 kc
-30dBm. 2x2x3
1 1/2 lbs \$3.95
5950-645-1855



Microphone
Transformer
Pri: 1 ohm
Sec: 2000
1x2x1
ST#2Z9666A
Price \$.59

I-177 TUBE CHECKER TRANSFORMER

SIZE: 4x4x4, 5 1/2 LB
STK # 229613.667
PRICE: \$4.95



PRI: 26/115/230 V
60 HZ.

SEC: 13 V. 8 AMPS
TWO 230V WINDINGS
TO SUPPLY 370 VDC
600 MA.

5x5x5, 22 LBS.
229613.514 \$7.95

PRI: 115/230V 50HZ
SEC: 5 VCT 10 AMP.
3x5x3, 8 LBS.
#7346 \$4.95



ALL PRIMARIES 115 VOLT 60 CYCLE

Sec: 6v. @ 500 MA.
1x1x1, 3 oz.
URC#137B648 \$1.25

Sec: 6.3 v. 1 amp
1x1x1, 4 oz.
BE16073-001 \$1.50

Sec: 2/14 v. 600 MA
2x1x2, 1 LB.
VARNEY 214/6 \$1.95

Sec: 2/30 v. 250 MA
2x1x1, 4 oz.
URC#60605 \$1.50

Sec: 13 V. 1.5 A
3x1x2, 2 LBS.
#ED1-0-2, \$2.25

Sec: 24 V 1 AMP AC
3x1-5/8x2, 3 LBS.
#PC-977, \$2.95

Sec: 24 V 1 AMP AC
3x1-5/8x2, 3 LBS.
#PC-977, \$2.95

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3x1-5/8x2, 3 LBS.
#PC-977, \$2.95

Sec: 24 V 1 AMP AC
3x1-5/8x2, 3 LBS.
#PC-977, \$2.95

LOW VOLTAGE TRANSFORMERS

ALL PRIMARIES 105/110/115
120/125 VOLTS 60 CYCLE.

Sec: 6.6 v. 18 AMP
3x5x4, 12 LBS.
GE#9T35Y159 \$4.95

Sec: 6.3v 2.75A/6.3
V 5.5A, 2.5 KV test
3x3x3 #7629805 \$6.

Sec: 6.3 V. 5 amp. 8 KV insu-
lation. 5x3x3; 7 lbs.
#059-2414 \$5.95

Sec: 5 v. 6 amp. 2000v.test
3x3x3 #71b ORD7629812 \$4

Sec: 6.3 VCT 3 A 2.5 KV tes
3x2x2, 3 lbs. #P-6446 \$4.

Sec: 6.3x3.1a/6.3x2.5a/6.3
x.45a/6.3x.30a/2-5.0a2 amp.
TF1A01JA \$3.95

Sec: 5vct @ 4a/5vct @ 2a/
6.3v @ 1a. 3x3x3; 6 lbs.
Bendix L217336 \$3.95

Sec: 3/6.3v @ 2a. 5v @ 3a.
3x4x3; sh. wt. 7 lbs
GE80G114 \$3.95

Sec: 2/6.3v @ 2a 2x3x2;
2 lbs. sh. #0555 \$3.95

Sec: 6.3 vct @ 3.4a/6.5vct
@ 13.7a/5.2v @ 6.3a/5.2v @
2.1a. 4x3x3; 15 lbs.
TRC-SMB-202910 \$6.95

Pri: 220 volt 60 Hz.
Sec: 6.3 " 20 amp.
4x3x3; 8lb. XA16809 \$7.95

Pri: 210/220/230/240V 60 Hz
Sec: 5 VCT 10 amp. Stand of
insul. 1 1/2". Wilcox 96C Trans
5x4x3; 10 lb.
2Z9600.42 Kenyo 10894 \$10

Pri: 115 VOLT 60 Hz.
Sec: 850v 225MA.
500v 125MA & 2/5.1V@3A.
6.3x2.5A/6.3V@1.25/6.3@1.1A
6x6x5; 25 LBS.
#188-7474 \$9.95

Pri: 115 V. 60 Hz.
Sec: 900 VCT 130 MA.
5x5x3; 13LB. 229612-38 \$8

Pri: 115 VAC 60 Hz.
Sec: 2/150 V. 940 MA
5x4x3, 9 LBS. #U7450 \$10.

MICROPHONE TRANSFORMER
PRI: IMPEDANCE 50 OHM 30MA
SEC: IMPEDANCE 500 OHM
FREQ. RESPONSE 400-1900cps
SIZE: 1x1x1; WT: 8 oz.
\$1.00 T-204/PP-115

LINE TRANSFORMER INPUT
PRI: IMPEDANCE 500 OHM CT
SEC: " 500 "
FREQ. RESPONSE 600-12000cp
SIZE: 2x2x2; WT: 1 LB.
T-203/PP-115 \$1.50

Pri: 115
60 cycle
Sec: 1000-750-0
750-1000
@ 300 ma
size 7x6x
5; 22 lbs
mend-UTC Type 46 \$25.00

Pri: 115/230V.60 Hz
Sec: 920 VCT 700 MA.
Four (4) 6.3 V. 8 A;
5V 6 A., 5V 2 A.
Size: 5x5x6; 19 lbs.
Paeco No. 910-96 \$15

Pri: 115/230 V. 60 cycle
Sec: 920 VCT 500 MA.
Size: 5x7x5; 19 lbs.
Paeco No. 910-5-95 \$14

HIGH VOLTAGE TRANSFORMERS

DC POWER SUPPLY
PRI: 115V 60 CY
SEC: -8000 V
@ .25-1 MA.
-120V @ 15 MA
-24V @ 1.2 A
-16 V @ .45 A

SIZE: 4x4x9; WT: 15 LBS.
#GE9T63Y2280G03 \$14.95

Pri: 115 VAC 60 Hz
Sec: 6.5 VCT 24 A, 6.5
VCT 6 A, 6.5 VCT 6.5 A,
6.5 VCT 1 a (parallel
37.5 A) 6x5x4, 22 lbs.
#5950-647-6219 \$14.95

Pri: 115 VAC 60-400 Hz
Sec: 6.3 V 3 amps
Size: 3x2x2, 2 lbs.
NE#185044 \$2.95

Pri: 115 VAC 60 Hz
Sec: 900 VCT 250
MA,
4x4x4, 15 LBS.
#SS-S-P243, \$9.95

Pri: 115/230 V. 60 Hz.
Sec: 520 vct @ 90 MA.
6.3v/1 1/2 A. 6.3vct 4A.
SIZE: 4x5x3; WT: 7 LBS.
#TBIRX03LB/FGC-29 \$5.95

CHOKE FOR ABOVE 10/25 HY.
125/15 MA. 4x3x4; 4 LBS
#TIRX04LB/FGC-29 \$3.95

Pri: 115v 60 Hz
Sec: 350 vct 25 ma
5.0 " 3 amp
3x3x2; 3 1/2 lbs
229613.77 \$3.95

Pri: 115/230 VAC
50-1000 Hz
Sec: 310 V 100 ma, 3/6.3
8 amps, 6.3 V 10 A
Size: 5x4x4, 14 lbs.
NEC#110001, removed \$10

Pri: 105-110-115
120-125
Sec: 560ct 75 MA
365 V 150 MA
TAP335 V
3x5x3" 8 LBS.
TF1A02JA \$1.95

Pri: 115v 60 Hz
Sec: 110v 20 amp
5x5x3; 13LB. 229612-38 \$8

Pri: 115 V. 60 Hz.
Sec: 900 VCT 130 MA.
5x5x3; 13LB. 229612-38 \$8

Pri: 115 V. 60 Hz.
Sec: 900 VCT 130 MA.
5x5x3; 13LB. 229612-38 \$8

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Sec: 900 VCT 130 MA.
5x5x3; 13LB. 229612-38 \$8

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5x5x3; 13LB. 229612-38 \$8

Pri: 115 V. 60 Hz.
Sec: 900 VCT 130 MA.
5x5x3; 13LB. 229612-38 \$8



CONSTANT VOLTAGE TRANSFORMERS; 95 TO 130 VAC 60 HZ

PRIMARY; WITH CAPACITORS. SOLA AND OTHER MFGS. REMOVED FROM EQUIPMENT.

Sec: 6.3v @ 2.38a
ac 5x3x3; 8lb
581-5333 \$5.95

Sec: 24 VDC 5 AMPS
SIZE: 4x3x5 15LB
#22661-1 \$9.95

Sec: 25-27VDC 3.5 A
AMPS; 5x3x4 11LB
#22662 \$6.95

SOLA CONSTANT VOLTAGE
Pri: 95-190 130-260
Sec: 118v @ .24A 500VA
7x12x5; 55 lbs
Sola#23-22-650 \$40.00

Sec: 118 V. 2.2 A. 2.250VA
9x4x7; 33 lb
Sola#23-22-125 \$22.00

Pri: 95-125
Sec: 115v @ 2.18 amp
Sola#30807 \$20.00

Sec: 115 V. @ 1.04 A.
Sola#30806 \$15.00

Pri: 100-130 volt
Sec: 6 volt 25 amp.
Sola#302237 \$15.00

Pri: 190-280 volt
Sec: 118 volt 8.4amp
Sola# 20-20-210 \$35

Input: 175-255 VAC
47-63 Hz
Output: 240 VAC 4 KVA
11x18x7, 65 lbs sh
Topaz #902-15929
Used, \$85.00

Pri: 1/2/4/10/20/
40/100/200/400/
1000/2000
Sec: 40 v. 100 MA
6x7x5; 20 LBS.
ESPEY T-41627 \$8

Pri: 115v 60 Hz.
Sec: 1300vct 100MA
6.3v 2A. 5V 2A.
4x3x4; 8 LBS.
UNC#EK211-PAL18 \$8.95

Pri: 115v. 50-1600 Hz.
810vct 125MA/570vct 75MA.
2/5v 2A/6.3v 3.25A/2/6.3.65
4x5x4; 18 LBS.
C-1367048 \$8.95

Pri: 117 v. 60Hz
Sec: 1250V. 2madc
4.6AVDC TEST
2.5 V. 2.1 A
2.5 V. 1.75 A.
4x3x3; 10 lbs
#3340-11866 \$7

Pri: 115 V 60 Hz
Sec: 12.6vct 2 amp
1500 v test, 2x2x2
used #P-8130 \$1.95

PLUG-IN TRANSFORMER
Pri: 115V 60Hz
Sec: 24V 20VA
2x2x2; 2LB.
#R1000-307 \$20.

Pri: 115v 60 Hz
Sec: 1120 VCT 600
MA, 300 V 40 MA,
6.3 V 4 A, 5 V 6
A, 5 V 2 A,
7x9x6; 51 lbs
#R1000-307 \$20.

Pri: 115v 60 Hz
Sec: 1250V. 2madc
4.6AVDC TEST
2.5 V. 2.1 A
2.5 V. 1.75 A.
4x3x3; 10 lbs
#3340-11866 \$7

Pri: 115v 60 Hz
Sec: 1120 VCT 600
MA, 300 V 40 MA,
6.3 V 4 A, 5 V 6
A, 5 V 2 A,
7x9x6; 51 lbs
#R1000-307 \$20.

Pri: 115v 60 Hz
Sec: 1250V. 2madc
4.6AVDC TEST
2.5 V. 2.1 A
2.5 V. 1.75 A.
4x3x3; 10 lbs
#3340-11866 \$7

Pri: 115v 60 Hz
Sec: 1120 VCT 600
MA, 300 V 40 MA,
6.3 V 4 A, 5 V 6
A, 5 V 2 A,
7x9x6; 51 lbs
#R1000-307 \$20.

Pri: 115v 60 Hz
Sec: 1250V. 2madc
4.6AVDC TEST
2.5 V. 2.1 A
2.5 V. 1.75 A.
4x3x3; 10 lbs
#3340-11866 \$7

Pri: 115v 60 Hz
Sec: 1120 VCT 600
MA, 300 V 40 MA,
6.3 V 4 A, 5 V 6
A, 5 V 2 A,
7x9x6; 51 lbs
#R1000-307 \$20.

Pri: 115v 60 Hz
Sec: 1250V. 2madc
4.6AVDC TEST
2.5 V. 2.1 A
2.5 V. 1.75 A.
4x3x3; 10 lbs
#3340-11866 \$7

Pri: 115v 60 Hz
Sec: 1120 VCT 600
MA, 300 V 40 MA,
6.3 V 4 A, 5 V 6
A, 5 V 2 A,
7x9x6; 51 lbs
#R1000-307 \$20.

PRI: 115 V 60 C
SEC: 6.3 V 3.6 A
15 V. 0.04 A
15 V. 0.04 A
SIZE: 3x3x3; 4 LBS
STK#ORD7629806
PRICE: \$1.50

CONSTANT VOLTAGE
Sec: 6.5 v. 12 AMP
PRI: 95-130v 60 HZ.
SIZE: 9x4x4; 15 LBS
SOLA#302473 \$9.95

MAGNETIC AMPLIFIER
115,400 CY/
HEATER/D.C.
REFERENCE/
CONTROL.

KEARFOTT#425957-1A/SPERRY
622033. 3x2x2; 1 1/2 LB.
5950-712-3882 \$3.95

PRI: 2/115 VAC 50-60 Hz.
Sec: 5 VCT 2 A; 5 VCT 4 A;
6 VCT 3.5 A;
115 V RMS 600 MA.
SIZE: 4x4x3; WT: 15 LBS.
#89-G-2730, USED, \$4.95

PRI: 115/230V 50HZ
SEC: 5 VCT 10 AMP.
3x5x3, 8 LBS.
#7346 \$4.95

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SEC: 5 VCT 10 AMP.
3x5x3, 8 LBS.
#7346 \$4.95

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3x5x3, 8 LBS.
#7346 \$4.95

PRI: 115/230V 50HZ
SEC: 5 VCT 10 AMP.
3x5x3, 8 LBS.
#7346 \$4.95

CHOKES

12 HY 500 ma 77 ohm
5x5x5; 22 lbs #9230 \$10
10 HY 225 ma 78 ohm 500V
4x3x5; 12 lb #SC26009 \$6

4 HY 400 ma 35 ohm 1.07 kv
5x4x3 10 lb GEPT35Y231 \$6
4 HY 650 ma 25 ohm 1.07 kv
6x5x4 20 lb GE7485547 \$9

10 HY 150 ma 130 ohm 1650wt
2x2x2x5; 5 lb SMB-202915 \$4
10 HY 400 ma 55 ohm 700 wv
5x4x2x6; 25 lbs SMB203042 \$7

10 HY 125 ma 2 KV 500 V to
gnd. 4x2x2x4; 6 lb #52-3 \$4
10 HY 225 ma 100 ohm 500 v.
4x3x3x5; 6 lb L386944 \$4

4 HY 550 MA 70 OHMS \$4.95
3x2x2x4; 7 lb Paeco 911-39
4 HY 250 MA 60 OHMS 3000V1
3x2x2x3; 7 lb C-1412 \$3.95

140 HY G 5v, 60HZ, 10MADC,
2700 OHMS, 2x2x2x3, 3 LBS
#HA-81C \$2.95

10 HY 55 MA
2x2x3x3; 5 lb #47110 \$1.95
50 HY 40 MA 1780 volt test
3x3x3x3; 8 lbs u-7402 \$3

10 HY, 50 MA, 100 OHMS, 3x
2x2; 1LB. 3C573/341 \$2.00
17 HY, 80MA, 300OHMS, 2x
2x2x2; 1LB. HRO-3C326-31A \$3.

8 HY 150 MA 100 ohm \$3.95
4x3x2x2; 10 lb TM1A04HA
10 HY, 100MA, 263 ohm, 3x
3x2x2; 3LB. #228-1859 \$3.25

12 HY 80 MA 375 ohm \$1.50
3x2x2; 2 lbs. SKIN20053
150 MA AVAILABLE VARIOUS
HY TELL US YOUR NEED.

3 HY 350 MA 30 2K PV; 3x
4x2x2; 6 lb. L-225/PP115 \$3
5 HY, 400MA, 60 OHM, 4x5x
4; 12 LB. L217432-1 \$5.00

TELE. REPEAT
4 WINDINGS 21 OHMS EACH.
CROSS-TALK PROOF SHELL.
3C1327A 6x2x4; 3LB. \$3.00
4 WINDINGS, AUTOMATIC ELEC
#D281723B 3x2x2x2; 2 LBS.
3C1400-6 \$2.75

10,000 VOLT
AMP P/N 845321-3
PRI: 115V 60HZ.
SEC: 10,000VAC/100MA
5x5x4; 10LBS. \$20

SCOPE XFORMERS
PRI: 115 VAC 60 Hz-535 WV
SEC: 1850 V 7.1 MA RMS
Two 2.5 V 3 AMPS
5.71 KV WVM.
SIZE: 3x3x6; 9 LBS. SH.
#K56J54, UNUSED, \$7.95

PRI: 112/117/122V. 60 HZ.
SEC: 228V @ 15 MA.
360V @ 125 MA. TAPPED
@ 7V/332/346
6.6 V. 4.2 AMP.
5x3x3x3; 8LB. 2Z9613-869 \$5

PRI: 115V. 50 TO 1200 HZ.
SEC: 700VCT @ 70 MA. TAP. 65
400V @ 10MA 5W@2 A.
6.3V @ 4A. & 6.3 V @ .6A.
5x4x4; 10 LBS.
CA.F-301538 \$4.95

PRI: 115/230 VOLT.
SEC: 54.4VCT 2.5A
37.5VCT 7.8A
36.5VCT 2.3A
6x5x4x4; 20 LBS.
SCHOTT TV4RX020A
\$12.95

PRI: 117v 50/60
SEC: 6500VCT
65MADC, 4350WV
5x6x7x7; 35LBS
539-6504 \$25.00

HIGH CURRENT CHOKES unused.
#6220483, 1 mHY 25 amps,
0.03 ohm DC resistance.
Size: 3x2x3x3; 5 lbs \$6.95
#6221188, 4 mHY 8.7 amps DC
0.083 ohm DC resistance.
Size: 4x2x3x3; 4 lbs \$4.95

1.5 HY 1.5 AMP
5000 V. TEST
8x8x8x6; 100 ohm
2500 v test.
SHPG. WT: 60 LB
5950-159-6041
\$14.95

12 hy 400 ma
100 ohm
2500 v test.
6x5x4x5; 22LB
L217434 \$10

10 HY 75 MA
375 ohm
2x2x2x1; 11LB
ADA8696 \$3
1 hy 235 ma
80 ohm
2x2x1; 8 oz
#0146 \$2.00

15 hy 100 ma
200 ohm 1600V
4x2x2x2; 6lb
3TAM.1037 \$2.95

10 hy 250 ma
120 ohm 430WV
4x3x3x3; 8 lb
3C557231-1 \$5

20 hy 110 ma
1780 vt
3x4x3x3; 8 lb
UX-9121 \$2.95

20HY 200MA
151OHM 60HZ
5360V MAX. W
5x4x5; 16LB
557-6198
\$15.00

6.7 hy 215 ma
2100 v rms
4x6x3x3; 12 lbs
N-163579 \$4.95

3.5 HY 500 MA
100 V. 60 CYC
30 OHMS 715WV
4x5x3x3; 10 LBS
TF1A04KA/A8649
\$2.95

20 HY 80 MA
320 ohms
2 v insula
4x3x3x3; 7lb
#38054 \$4

5 HY 400 ma
50 ohm 2500vt
Size 6x4x4
wt: 13 lbs
#3521746 \$8.95

10 HY 225MA
85 OHM
3x5x5x5
WT. 1 LBS.
#F1RX04YY
\$3.95

PRI: 115 VAC 60 HZ
SEC: 550 VCT 200 MA,
5 V 2 A; 6.3 V 3 A.
4x5x4x4; 15 LBS. SH.
#K-44J208, \$6.95

3 PHASE DELTA
60 hz 400 wv
nominal 208 v
3phase
1940 wv
1370 v rms 52
ma rms per leg
5x5x4; 18 lb
686-6836 \$25

DUAL CHOKE
11 HY 100 MA
200 OHMS
4x4x5; WT 8
#3C557F-1
\$1.75

0 HYS 500 MA
15 OHM DC RES
500 WORK VOLTS
#5950-646-1383
\$5.95

CHOKE; 2.5 HY
700 MA; 16
OHMS. SIZE:
5x4-3/8x4; 16
LBS. WT: 17 LBS
#147-1340,
\$3.95

PRI: 115 VAC 60 HZ
SEC: 280 VCT 75 MA; 13.5 V
1.2 AMPS; 5 VCT 3 A.
SIZE: 4x3x4-5/8; 16 LBS.
#193-8767

PRI: 220, 230, 240
SEC: 14V @ 5A
20V @ 5A
4x4x5; WT. 12 LB
CS8779A \$5.95

PRI: 0/116/120/
124V. 60CY.
SEC: 126V. 1.1A.
114V. 1.0A.
TF4RX01YY
8x5x4x4; 27 LBS.
K95-1476 \$7.95

PRI: 117V 50-60CYC
SEC: 3/5V CT @ 2A
2/5V CT @ 2A
2/2.5V CT @ 10A
7x4x3; WT. 12 LB
GILFILLAN #54148-1
PRICE: \$5.95

PRI: 220/230/240V
50-60 CYC
SEC: 2.5V CT @ 10A
5x3x3x3; WT. 6LBS
5950-646-4773
PRICE: \$2.95

IGNITION TRANSFORMER
PRI: 230V 50/60 CY
SEC: 5000V 18 MA
ONE END GND.
6x4x3x3; 12 LBS.
5950-959-5369 \$7.95

POWER SUPPLY WITH
TRANSFORMER 115/
230 V. 50/60 HZ
OUTPUT 180VDC 40
MA, 6.3V 1.7A. 10
HY 55MA CHOKE, 10
WV 450 MFD. CAP
6X4 TUBE. CHASSIS
5 1/2X 4 1/4 X 1/2; 5 LBS.
RE-MOVED FGC-29/1640 \$5.00

SPEED CONTROL
CONSISTS OF A
TRANSFORMER
IN BOX 115 V.
60 HZ. WITH
OUTPUT SELECT
OR SWITCH

MARKED OFF-HI-MED-LOW.
PLACED IN SERIES WITH A.C.
LINE & LOAD SELECTOR ALLOWS
100%, 40% OR 20% OF INPUT TC
LOAD, 100 WATTS. SIZE 4 1/2
X 4 1/2 X 3; 61 LBS.
#230428 NEW \$2.95

DAVIS DIMMER
AUTO TRANSFORMER
230 VOLT 60 CYCLE
1 PHASE WITH 5
48 VOLT
CIRCUITS THAT
CAN BE VARIED 0-
48 V. MAX. 20 A.
TOTAL.
SIZE: 10x10x7;
SHPG. WT: 90 LBS
#GR-3 \$19.95

MULTI-VOLTAGE
ISOLATION TRANS.
PRI: 73/88/95/105/
115/125/190/210/
230/250. 50/60 CY
SEC: 17.6/35.2/189
193/196/200/203
@ 1.6 AMP.
9x4x7; 40 LBS.
2Z9619-6 \$14.95

18 hy 50 ma/2.5 hy 650 ma
440 ohm 2100 wv
6x6x5; 30 lb #6277 \$12

30/8 HY 10/130 MA DC CHOKE;
500 V RMS RIPPLE, 150 OHMS;
1200 WV. SIZE: 3x4x3; 10
LBS. SH. #969-5721, \$2.95

VARIABLE TRANSFORMERS

PRIMARYS 0-120,130,140 60
CYCLES. VARIOUS MANUFACTURE
USED. CHECKED, GUARANTEED.

1 AMP \$ 4.95 7 1/2 AMP \$27
1 1/4 5.95 10 33
2 6.95 15 37
2 1/2 7.95 20 45
3 12.95 25 55
4 1/2 19.95 50 95

12 VOLT 60 CYCLE INPUT;
0-3.5 V. 2 AMP OUTPUT.
POWERSTAT #5-1066 USED \$3.

POWERSTAT TYPE 21, 0-130V
4.5 AMPS USED \$20.95

POWERSTAT LW136, 30V 25A
OR 15-0-15 V 35 AMPS OUTPUT
FROM 120/240 VAC 50/60 HZ
INPUT. 28 LBS SH. USED \$40.

VARIAC Y20 OR W20, 0-135V
20 AMPS; W/KNOB, USED \$45.

GE#9T92Y51, 0-240V 30 AMPS
FROM 120/240V 1 PH, \$100.

VARIAC M-5/RMS11-2, 0-135V
@ 5 AMPS FROM 114 VAC 400
HZ INPUT, #7486, \$12.95

VARIAC M20BB 120 VOLT 350HZ
20 AMP. MOTORIZED 115V400HZ
#5950-082-7734 NEW \$65.00

115VAC 60HZ 9AMP GANGED
FOR TWO PHASE MOTORIZED
115VAC 60HZ CN-54/FST-1
USED, \$50. LESS MOTOR \$45.

KNOBS FOR VARIACS
2-3/8" dia. fits
3/8" shft. W/ptr.
Luxitrol, \$1.50

4" dia. w/ptr. f/3/8"
dia. shft. Powerstat, \$2

3 3/4" dia. wheel w/pointer
f/3/8 d. sh. Ohmite, \$3.

4" d. wheel w/ptr. 1/11/
4" shft. KNOB-35, used, \$4

7 1/2" DIA. WHEEL-TYPE CON
W/ALUMINUM POINTER; FITS
3/8" SHFT. POWERSTAT, \$5.95

DIAL PLATES, UNUSED.
4" DIA. 0-100 SCALE; 7/8"
DIA. CTR. HOLE, TAKES 3
SCREWS. #BP8087, \$1.00 EA

10" DIA. 0-100 SCALE; 1 1/2"
DIA. CTR. HOLE, TAKES 4
SCREWS. #BP653, \$2.50 EA

VARIAC OR RHEO-
STAT CAGE;
SLANT FACE;
8x7x7x8; 80
(BASE) AND 1 1/2
DEEP (TOP).
WITH 5 1/2" DIA.

0-100 DIAL PLATE, 3 BANANA
JACKS, RUBBER FEET. GREY.
OHMITE MFG. #6975, NEW, \$10.

Many other variable trans-
formers in stock, 60 and
400 Hz. WRITE us your needs.

CW-30983 VARIABLE TRANSFORMER
ASSY. PRIMARY 115/220/440
VOLT 1 PHASE 60 HZ. SECONDARY
115 V. 1 PHASE 1 KVA.
IN CABINET W/OFF SW. &
FUSED CIRCUITS. SIZE 20x15x
12; WT: 200 LBS. \$60.00



ANTENNAS

MP-22 MAST SECTION MOUNTING BASE WITH SWIVEL THAT WILL TIP TO 90 DEGREES, RIGHT OR LEFT AND WILL LOCK IN THE VERTICAL POSITION. WILL TAKE MS-53 OR MS-54 MASTS AS THE STARTING SECTION. MOUNTING PLATE SIZE: 5x6 HEIGHT OF BASE 10". WT: 10 LBS. \$4.95

MP-22A SAME AS ABOVE EXCEPT THE STARTING SECTION IS MS-51 AND YOU CAN ADD MS-50 & MS-49. \$4.75

MAST SECTIONS (shown to left) 3 ft. painted, copper-coated tubular steel. Sections screw together to make desired length, with MS-49 as top--then MS-50, -51, -52, and -53. MS-53 can be screwed into another MS-53 for added length. (MS-53 also screws into MS-54, -55, & -56, none of which are available.) Sections self-supporting to 15 feet. Taper 5/8" to 3/16"; 1 lb sh wt per section. May need paint but usable. MS-49-50-51-52, used 75¢ ea. Unused \$1.25 MS-53 section, used \$1 each. Unused \$1.50

CW-206 ROLL BAG for MS-116-117-118 mast sections; 40" Lx3"Hx5"W, used, \$5.00

ADAPTER BASE WITH INSULATOR, MAST SECTIONS MS-52 OR MS-53 WILL SCREW INTO THE TOP, AND ADAPTER BOTTOM WILL SCREW INTO MS-52 OR MS-53. CAN BE USED TO ISOLATE SECTIONS OF WHIP OR DIPOLE. SIZE: 1 1/2"x8"; 1 1/2" LB. NT-66023 \$1.95

T-237 MOUNTING BASE FOR R-508-808 xmitter-receivers; 75 lbs sh. w/8" x 7/8-3ome corrosion \$24

41 MAST BASE bracket for all 1/2" bases which need 2" hole mounting. Size 3x14x10, 7 lbs. \$5.00

AB-15 BASE FOR WHIP ANTENNA SECTIONS MS-116-117-118 ALSO AB-21-22-23-24. SPRING ACTION WITH INSULATOR 3 1/2"x3" AND COAXIAL CONNECTOR FOR USE WITH PL-259, REQUIRES 2" HOLE FOR MOUNTING. SIZE 15 X 3 WT: 2 LBS. \$4.95

WHIP ANTENNA MAST SECTIONS FOR USE WITH AB-15. MS-116 is largest, 39 1/2" L X .393" DIA; CAN BE STACKED. MS-117 & -118 TAPER 39 1/2" L, MS-116 OR -117, \$2.50/SEC. MS-118 WRITE.

CU-92/APN ANTENNA COUPLING UNIT is a impedance matching device enabling the operation of 2 receivers from one ant. has one SO-239 & 2-binding posts and tuning adjustment 500 Khz-4 Mhz. \$3.95

A-62 Dummy Load for SCR-508-528-BC-604 \$5 A-83 " " " 608-628 " 683 \$4

AS-27A/ARN-5 Horizontal folded dipole used on BC-733, ARN-5 Receivers 108-110 mhz etc. \$10

AT-2/APN-2 DIPOLE ANTENNA, 150-180 Mhz \$5.00 AT-438/GR DIPOLE ANTENNA 15" folded, takes PL-259 coax. conn on insulated bracket. \$15

ANTENNA WIRE SOLID COPPER #10 VINYL COVERED, 250ft #4884C \$25

20" DIPOLE w/14" SUPPORT. 230-250 Mhz; 50A LINE FEED. USES OFFSET 7" TYPE "N" FROM BASE CONNECTOR. CTR. 1 1/2"H. #2A288A-35 \$7.95 \$4.95

VIS-O-GLOW NEON LIGHTNING ARRESTORS, #4392, \$1.00 EA.

MP-73 GROUND PLANE MOUNTING BASE DESIGNED TO BE USED WITH MAST SECTIONS AB-21, 22, MS-116, 117 THAT SCREW TOGETHER TO MAKE DESIRED LENGTH FOR FREQ. REQUIRED. HAS SO-239 COAX. RECEPTACLE AND PROVISIONS FOR MOUNTING TO POLE TREE OR CORNER OF BUILDING. THE MOUNTING HOLES FOR THE VERTICAL ANW. AND THE RADIALS ARE 5/16" DIAMETER. SIZE: 10x15x6; WT: 10 LBS. PRICE: NEW \$9.95

TBY GROUND PLANE ANTENNA designed for 72.5 MC. use but can be used on other frequencies Radiator 39", radials 40". Brass & coated steel construction with SO-239 coaxial connector. Has universal wall mounting bracket that can also mount on pipe using "U" bolts. 3hpg. wt: 15 lbs. COA-66089 \$10.00

AT-339/PRC-6 HOMING ANTENNA for use in the 38-55.4 MC range continuously tunable. Handheld unit has folding loop, 5-step output attenuator, 4' cable w/BNC conn. Loop is 24" high, collapsed 12x5x2 1/2 and comes in bag. wt: 6 lbs. \$10.00

ANTENNA HORN

AT-903/G ANTENNA FEED HORN f/ 600-1850 Mhz range. 50 ohms impedance; type C connection. Has locking l1-position elevation adjust. Fits 2 1/2" dia. mast. Aluminum. 35"Lx26"Hx21"W. 40 lbs. Shipped via truck only. Used, \$35.00

AT-271/PRC whip antenna, throw-out type 8 1/2 7 sections with spring loaded retaining cable to keep sections together in contact, folds up when not in use. \$5

AT-272 Goose neck flexible base 8" used with flat antenna on PRC sets. \$2.

AT-272 Flat antenna 30" long used with above goose neck on PRC Sets. \$3.

CCI-51048 WHIP ANTENNA Telescoping, 7 ft. extended, 15" collapsed. \$2.50

AN-109 WHIP ANTENNA 5' Ft. tapered \$1.50

AN-119 " " 6' Ft. \$1.50

MP-74 GOOSENECK BASE for MS-118/AB-23 Mast Sections, 14" lg. w/spade type bracket for side mounting. \$2.00

M-422 ADAPTER for using MS-116/AB-23 sections with PRC & BC-1000 as long ant. \$2.00

AN-190 HANDHELD LOOP ANTENNA for SCR-536/BC-611 Radio Set. Similar to AT-339 \$12

210 TO 620 Mhz DIPOLE

AT-880 DIPOLE ANTENNA WITH CORNER REFLECTORS AND TWO FREQUENCY BANDS: 210-420 Mhz (LO) AND 390-620 Mhz (HI). 300 WATTS POWER RATING; LESS THAN 2/1 SWR OVER RANGE. INPUT IMPED: 50 OHMS. ADJUSTABLE ELEMENTS SPREAD FROM 12"L X 7"W TO 21"L X 15"W.

DIPOLE STANDS 14" OF MOUNTING BASE. TWO REFLECTORS ARE AT 45° ANGLE TO DIPOLE, 32" HIGH AND 40" ACROSS. FOLDS TO 32x7x30. MOUNTS ONTO 2" DIA. MAST; 35 LBS. SHIPPABLE VIA BUS OR TRUCK ONLY. USED, \$24.95; UNUSED, \$35.00

AB-101 MAST SECTIONS FOR ANTENNA SUPPORT. STEEL MAST 2" OD. 5 1/8" LG. SWAGED END AND LOCKING DEVICE. SOLD ONLY IN SET OF SEVEN WITH CARRY. WEIGHT 100 LBS. PRICE USED \$50.00

MX-364 INSULATOR, FITS OVER 1-3/8" DIA. MAST OTHER END 1-3/8" OUTER DIA. \$1.95

AB-154 BASE WITH SWIVEL STAKE, 1-3/8" DIA. SLIPS INTO MAST SECTION. \$1.95

MX-857 ADAPTER, FITS OVER 1-3/8" DIA. MAST R/USE OF MS-116-117-118 WHIPS. \$1.95

MX-GUY ROPES ARE 3/16" NYLON, 800 LB. TEST, W/ADJUSTMENT HARD. INSULATOR & HOOK. \$2.00

MX-381 GUY 40 ft. with attachments \$2.00

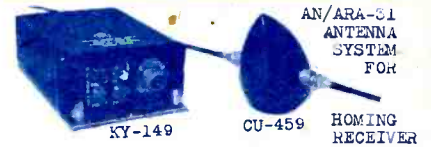
MX-382 GUY 31 ft " " \$2.00

MX-1469 " 44 ft " " UNUSED 5.00

MX-378 GUY RING FOR FASTENING GUYS AND IS USED BETWEEN THE MAST SECTIONS \$0.5C

GP-2 STEEL GUY STAKE, 1 1/2"Lx4" DIA. 1-1/8" HEAD, 1-3/8" POINT. 2 LBS. 85¢ EA. 4 FOR \$3.

ARA-31 HOMING SYSTEM



For use in the 24 to 49 Mhz FM range. Complete system consists of four AT-624 24" antenna elements, two CU-459 ant. element connectors, a KY-149 keying unit w/mtg. and one SA-474 switch box. BNC connections except for one reverse pole BNC. An/ARA-31 w/manual, new, \$50. AT-624 antenna element, \$8.00 each. CU-459 antenna connector, \$5.00 each. SA-474 switching box, \$6.00 each. KY-149 keying unit, \$25.00 each.

SPDT ANTENNA RELAY

SPDT ANTENNA CHANGEOVER RELAY, 6 vdc 20 ohm. Contacts appear to be good to 100 watts. BNC type conn 3x1x2. #5945-539-3025 unused \$7.95

AS-313/ARN-6 ANTENNA LOOP for ARN-6 Radio Compass Receiver System. 15lb \$15

LM-21 AM LOOP ANTENNA; used with radio compass receiver system in the 200-1500 KHZ band. Has 24 v. 400 cycle motor for rotating loop and autosyn unit to transmit to I-82 or similar type indicators for direction. 30 lbs used \$25

AS-578/ARA ANTENNA for ARC-27, 34, 55 direction finding homing sets. used \$25

ANTENNA CHANGEOVER

MAGACRAFT #122RX-16; coaxial relay, 12-24 VDC SPDT with auxiliary SP3T normally open 10 A. contacts, approx. 100 watts, 50 ohms. Has 2 RCA plugs & one SO-239 connectors. Encased with cover. 2 1/2"x2 1/2"x1 1/2, 2 lbs. sh. unused \$5

ANTENNA Relay; part of 30W 2 meter trans. SPDT with unused contact grounded, 60 vdc 15 ma. 4000 ohm coil. Three BNC connectors chassis, 2x1x2. unused #259-5165 \$7.95 2/\$15.00

WESTERN MICROWAVE ICL35A FERRITE ISOLATOR, 1.7 to 1.8 Ghz; 17 db isolation loss, 0.7 db insertion loss. 2 watts ave. Has male and female type N conn. 2x3-3/8x1 1/2, \$15.

AUTOMATE COAXIAL SWITCH, MODEL 94CSA, used with above isolator. Two separate 28 vdc spdt coils, ea. one side norm. gnd. Two female TNC & one type N conn. Size 3 1/2x1x3 used \$12.95 w/ isolator \$25

CHOPPER RF CHOPPER

USED IN AUTOMATIC DIRECTION FINDING ANTENNAS TO SAMPLE BETWEEN SENSE AND REFERENCE ANTENNA. USES TWO 100 Hz -5% COILS; CAN BE ACTUATED MANUALLY WITH DC VOLTAGES. HAS TWO UG-88 CONNECTORS ON 15" CABLES AND UG-290 BNC OUTPUT CONN. 4-3/8x3x2; SH WT: 3 LBS. REMOVED FROM EQUIP. #354-1013-00, \$2.95

ANTENNA'S FROM CANADA: UHF-type for 243 Mhz approx. 23" lg; screws into hard rubber base that mounts onto a mounting base. Rubber base has provision for Canadian coax fitting. Aerial #9 w/24" base, \$5. ZA-3145 COAX, 5' w/connectors \$1.

Cone-shaped aerial base #8, hard rubber, 5" dia. X 4" h. With 96" whip antenna. #PC-8-96, \$8.50

CABLES

NEW COAXIAL CABLE



NEW MANUFACTURE AND BRANDED WITH STANDARD TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-BETWEEN LENGTHS USE THE HIGHER PRICE. LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

COAX	100	500	1000	5000
RG-#	Ohms	feet	feet	feet
RG-8/U	52	.22	.21	.20
RG-11/U	75	.20	.19	.18
RG-58/U	53.5	.11	.10	.09
RG-59/U	73	.12	.11	.10

Prices subject to change without notice.

NEW COAXIAL CONNECTORS

SO-239	PL-259	CH-259	PL-258
59¢ ea.	65¢ ea.	75¢ ea.	JUNCTION \$1.25 ea.
10 or more 10 or more 10 or more 10 or more	55¢ ea. 60¢ ea.	70¢ ea.	\$1.10 ea.

#83-876, two #83-56FCP, short screw mount barrel PL-259 conn. for SO-239, 50¢ for RG-58, 50¢ for RG-58, \$1.

COAX CONNECTORS

CONNECTORS & ADAPTERS: (m) male, (f) female, (bulk) bulkhead, (rec) receptacle, (r/a) right angle; (U) used, (Un) unused.

TYPE BNC: UG-88 m (RG-58) U-45¢ ea, 10/44. UG-89 f (RG-58) U-75¢ UG-909 bulk U-31 UG-91 panel Un-31 UG-911 bulk Un-32 UG-913 m r/a Un-32 UG-919 to post U-32 UG-922 to post \$1.50 UG-921 bulk Un-32 UG-920 f rec U-65¢ UG-921 to two banana jacks U-33 UG-921 f panel U-31.

TYPE C: UG-573 m (RG-8) U-1.50 ea. UG-636 to BNC U-2.50 UG-710 m r/a Un-33 UG-643 f-f U-1.50 UG-943 (RG-12) U-33

TYPE N: UG-18 (RG-21) Un-32 UG-201 to BNC Un-32 UG-27 m-f r/a Un-32 UG-536 (RG-58) Un-31 UG-29 f-f Un-31.50 UG-603 (RG-59) Un-32 UG-30 f-f bulk Un-32 UG-997 r/a rec Un-34 UG-160 f bulk U-31.50

OTHERS: UG-100 m U-31.50 DA-113 dummy U-35 UG-100 panel U-31.50 UG-160 pulse-f U-32 UG-109 f/UG-100 \$1.50 UG-212 HN r/a Un-35 M-359 elbow: PL-259 to SO-239, U-40¢ UG-573 UG-175: reduces PL-259 for RG-58, Un-50¢ ea UG-176: " " " RG-59, Un-50¢ ea

COAXIAL CABLE ASSY removed from test sets and equipment. All are guaranteed usable.

RG-9 w/two UG-573 "C" conn., 13', \$2.50
 RG-14 51 ohms w/UG-100 & UG-707; 15', \$10.00
 RG-21 53 ohms with male "C" UG-626 and female "C" UG-630 conn., 27 feet, \$3.00
 RG-26 48 ohm w/two UG-34 conn., 30', \$5.00
 RG-58 w/two UG-88 BNC conn., 4' min., \$2.00
 RG-59 w/male & female "N", 50', #CG-357, \$3.

WIRE SALE

Vinyl-covered HOOK-UP WIRE-many colors. NEW.
 #18 stranded, \$3/100' \$14/LK \$50/5K
 #18 solid (black), \$3/100' \$15/LK \$55/5K
 #26 solid, \$6/500' \$9/LK \$30/5K
 #22 SHIELDED, braid covered over vinyl jacket; stranded: \$3.50/100' \$25/LK \$85/5K

AIRCRAFT-TYPE WIRE, nylon insulation w/braid covering; silver-coated wire & shield:
 #22 stranded 100 feet \$4.50; 1000 ft \$35.00

COMPUTER CONTROL CABLE, 15 stranded, tinned 24 AWG conductors; color-coded vinyl insulation. Gray jacket; not shielded.
 #26/100' \$115/500' \$195/LK' \$800/5K'

CX-263/G CABLE w/U-226 waterproof and locking connector. 10' cable has 5-19 AWG copper and steel stranded pairs. U-226 contacts gold-plated; can be rewired for 12 AWG. U226 mates to U226. 4 lbs. \$6.95

TAP SWITCHES

OHMITE 608-4 TANDEM HEAVY DUTY TAP SWITCH, two decks with four taps each rated 300 VAC 100 amps. Shaft 3/8" dia. x 2"; o/a 6" dia. x 7" h. 12 lbs sh. Used, less knob, \$16.95

OHMITE 412-5 TAP SWITCH, 300 VAC 50 amps; 150 V. between taps. Five taps in 120 full rotation. 1/2" dia. shaft. Overall: 4 1/2" dia. x 2 1/2" h. 4 lbs sh. Used, less knob, \$6.95

OTHER OHMITE SWITCHES AVAILABLE. WRITE.

TAP SWITCHES, 120/240 VAC 10/5 AMP UNLESS OTHERWISE NOTED. 2 1/2" DIA. SHPG. WT: 1 LB. USED.

#AHH-23-10; TWO DECK, THREE POSITION. WITH KNOB, \$1.95
 #AHH-230; 2-DECK, 3-POS. AND OFF; CONT. TURN. 15/10 AMP. L/KNOB, SHFT 3/16" D. X 3/8", \$2.25
 #LOV-230; LIKE AHH-230, BUT SHFT 1 1/2" L. \$2.50
 #AHH-33-10; 3-DECK, 3-POS., w/KNOB, \$2.75
 #LOV-330; SAME AS LOV-230, BUT 3-DECK, \$2.95
 #AHH-63-10; 6-DECK, 3-POS., w/KNOB, \$3.95

AHH-2W-3W TAP SWITCH; 3-POSITION WITH OFF. TWO-WIRE RATING: 120/240 VAC 30/15 AMP; THREE-WIRE: 15/15 AMPS. CASE SIZE: 1-7/8x1 1/2x1 1/2. WT: 1 LB. USED, WITH KNOB, \$2.95

ROTARY INDUCTORS

ROLLER INDUCTOR, 13.8 uHy; 24 turns #12 tinned-copper wire in 3 1/4" L x 2" dia. coil. Roller contacts; less coupler. Shaft 3/8" L x 1/4" dia. Overall size: 3x5x6; 8 lbs sh wt. #939-144-MED, removed, \$15.95

ROTARY INDUCTOR, 103 uHy; 61 turns #10 tinned-copper wire form 8 1/2" L x 3-3/8" dia. coil. Sliding contactor type; with coupler for 1/2" dia. shaft. Overall size: 6x8x14, 23 lbs sh wt. #939-16-LG, removed, \$25.00

ROLLER INDUCTOR, 5.5 uHy; 11 1/2 turns #12 T-C wire in 1 1/2" L x 2" dia. coil. Roller contacts; less coupler. Shaft 3/8" L x 1/4" dia. Overall. 3x4 1/2x4 1/2, 8 lbs sh. #939-11.5-S, \$10.95

ROLLER INDUCTOR, 1.3 uHy; similar to above, but 5 1/2 turns #12 wire. #939-15-SM, \$6.95

ROTARY INDUCTANCE TUNER COIL THIRTY TURNS OF TINNED COPPER WIRE AROUND A 2" DIA. X 3" DIA. ISOLANTITE FORM; 23 U-HY 100 WATTS APPROX. 1/2" DIA. SHAFT FOR COUPLING. Size: 5x3x3 1/2; SHPG. WT: 3 LBS. #AC55471, \$10. CERAMIC FLEXIBLE COUPLINGS, see page 29

100-TURN COUNTER WITH SPIN KNOB. THREE DIGITS: 000 TO 999. HAS COUPLER FOR 1/2" DIA. SHAFT; NO FRONT MOUNTING PLATE. OVERALL LENGTH: 6 1/2". DEPTH REQUIRED BEHIND YOUR PANEL: 4 1/2". 2 LBS. SH. #1323-COUN, \$5.95

618S-1 POWER AMPLIFIER from Collins 2-25 Mhz 100 W transceiver. Has 12.3 uHy roller inductor. Coil 3 1/2x1 1/2" dia. has 27 turns #14 silver-tinned wire; rotated by 115 VAC 400 Hz selsyn. Bands 2 to 3.75, 3.75-7.25, 7.25-14.25, and 14.25-25 Mhz switched by connection of 9 doorknob capacitors. Big silver contacts on ceramic switch. Uses 3/6159 tubes. 11x5x6, 10 lbs sh. #547-3496/618S-1, less tubes, \$25. With tubes \$36. Mating connectors, 2 required, \$2.50 each.

TRANSMITTING CAPACITORS

MICA TRANSMITTING CAPACITORS, G-SERIES TYPE IN USED OR UNUSED CONDITION DEPENDING UPON A VALUE'S AVAILABILITY. VARIOUS MANUFACTURERS. SATISFACTION GUARANTEED OR PURCHASE PRICE WILL BE REFUNDED. OTHER VALUES IN STOCK. WRITE.

TYPE	KV	MFD	KV	MFD
G1, 2 1/4" h x 2 1/2" dia., wt: 3 lbs.	1.0	0.04	6.0	\$12.50 ea. 0.0001
	1.5	0.08	6.0	0.00024
	3.0	0.02	6.0	0.0006
	4.0	0.0062	6.0	0.0047
	5.0	0.00015	10.0	0.00015
	5.0	0.01		
G2, 3 1/2" h x 3" dia., wt: 5 lbs.	2.0	0.03	10.0	\$18.50 ea. 0.0002
	2.0	0.045	10.0	0.00057
	10.0	0.00015	15.0	0.0002
G3, 5" h x 4" dia., wt: 8 lbs.	2.5	0.15		\$27.50 ea.
	5.0	0.02	20.0	0.000051
	6.0	0.006	20.0	0.00015
G4, 5" h x 5 1/2" dia., wt: 12 lbs.	4.0	0.084	8.0	\$39.50 ea. 0.012
	4.0	0.1	10.0	0.02
	6.0	0.024	15.0	0.01
	6.0	0.0373		
G5, 10" h x 6 1/2" dia., wt: 22 lbs.	10.0	0.02	35.0	\$59.50 ea. 0.0003
	15.0	0.0068	35.0	0.0004
	15.0	0.0082	35.0	0.001
	15.0	0.01	35.0	0.0015

MOTORS

115 VOLT AC-DC MOTOR, starts at 15 VDC; runs counter-clockwise. 3" dia X 5 1/2" lg plus 5/16" dia X 1-1/8" lg threaded shaft. 5 lbs sh. #AC-DC-R102, unused, \$4.95

115 V AC-DC MOTOR, starts at 25 VDC, runs clockwise. 2 1/2x3x4 1/2 plus 5/16" dia X 1 1/2" long machined spiral shaft. 3 lbs. #AC-DC-H102, \$3.

27 VDC 10 AMP 250 RPM MOTOR with brake which actuates when DC input is approx. 5 volts. Duty cycle 50 sec on, 300 sec off. O/A 2 1/2x2 1/2x6 1/2 plus 7/8" long X 3/8" dia. shaft. 5 lbs sh. #2312-6, \$7.95

BODINE 1/12 HP GEARHEAD MOTOR, 115 VAC 60 Hz 2 amp motor, 1725 RPM. Gearhead 175 RPM 10:1 ratio, 21 inch torque. Overall size: 5 1/2x5 1/2. Gearhead shaft: 2-3/8" X 5/8" dia. 22 lbs. #NS1-53R, \$20.00

GE #5BC48AB550A 1/4 HP DC SHUNT COMPOUND MOTOR, armature 115 VDC 2.1 A; field 40 VDC 1.2 amp 1140 RPM. Double end shaft 2x5/8" and 4x5/8" dia. Casing 1 1/2x6 1/2" dia. 60 lbs sh. Used \$35.

160 RPM DRIVE UNIT w/clutch has Globe C-25A51E 27 VDC 15000 RPM motor and 27 VDC clutch assembly. Motor operates with good torque over 5 to 27 VDC. 160 RPM output on 5/16" dia X 1 1/2" lg shaft. O/A 3 1/2x4 1/2x3 1/2, 3 lbs. #160DRV/618 used \$8.95

100 RPM 12 VDC GEAR MOTOR, output at 3/8" x 1/8" bar which would mate with slotted shaft (not included). Also 3400 RPM available on 5/32" dia x 1 1/2" lg shaft. O/A 5 1/2x2 1/2x2-3/8; 3 lbs sh. #LEE-11152S unused, \$8.95

SMALL RECORDER FM MOTOR, operates 4 to 12 VDC, reversible. 1/8x3/32" dia shaft; O/A 1 1/2x1 1/2 dia, 1 lb. #R-357141, NEW \$2.; w/pulley \$2.25

DUAL SPEED OPEN FRAME MOTOR, USED WITH RECORDING UNITS. 115 VAC 60 Hz; 2000 and 3000 RPM. 3/16" DIA. SHAFT EXTENDS BOTH SIDES WITH PULLEYS FOR BELTS ONE SIDE. MOTOR SIZE (LESS SHAFT): 2 1/2x2 1/2x2, SHPG. WT: 4 LBS. #TM-381, UNUSED, \$3.95

HEAVY DUTY TAPE RECORDER MOTOR 115 VAC 60 Hz, 1500 RPM. MOTOR SIZE: 3 1/2x3 1/2x2 1/2, SHAFT 1 1/2x5/16" DIA. WT: 5 LBS. STK. #D6-20220 UNUSED, \$5.95



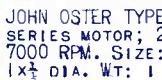
HAND-CRANK MAGNETO GENERATORS
OUTPUT APPROX. 100 VOLTS DEPENDING ON SPEED OF ROTATION. USED TO RING BELLS IN TELEPHONE LINES. CAN BE USED FOR WORM SHOCKER AND OTHER EXPERIMENT. SIZE 4x2 1/2 x 2 1/2 WT: 1 LB. COND. USED G-25 \$5.95 G-42 \$7.95



DC AIRCRAFT MOTOR; GE#5BA-50LJ29, 0.4 HP, 3000 RPM. ARMATURE: 60V. @ 2.3 AMPS FIELD: 27 VOLTS @ 6.5 AMPS DUTY: 10 MIN. @ FULL RATING. SHAFT IS CORKSCREW-TYPE 5/8 INCH DIA. FLANGE MTG. 3/8 CNTS. BODY SIZE: 6 1/2 x 4 1/2 x 4 1/2 WT: 11 LBS. \$4.95



VARIABLE SPEED DRIVE CONTROL USED WITH MOTOR AM No. E-85-132. GE#3S750RJ750A1, FIELD 100 VDC ARM., 140 VDC., 2.6 A INPUT 230 V. 50/60 HZ. 5 LBS GE#3S7505RJ750A1 NEW \$25.00



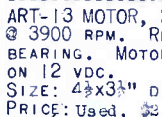
JOHN OSTER TYPE C-24A-1B KS-5829 SERIES MOTOR; 27 VDC, 0.01 HP, 7000 RPM. SIZE: 3x2 DIA.; SHAFT: 1 x 1/2 DIA. WT: 1 LB. UNUSED, \$2.95



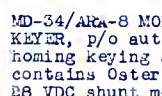
GE#5PR56HCM 110 V. 2.3 A. 8000 RPM. INT. 1/10 H.P. 50/60 CYC. REV. SIZE 3 1/2 x 5, SHAFT 3/16 x 1 STK.#3H3000B2 5 LBS. N.\$12.95



DICTAPHONE #7CB-2P; 115 V. 60 C/160 HP. 1740 RPM, SIZE 3x3. SHAFT EA. END 1/2 x 1/2, 2LB.N \$9.95



ART-13 MOTOR, 28 VDC. .05 HP @ 3900 RPM. REVERSIBLE; BALL BEARING. MOTOR WILL OPERATE ON 12 VDC. SIZE: 4 1/2 x 3 1/2 DIA. WT: 1 1/2 LB. PRICE: Used, \$2.95



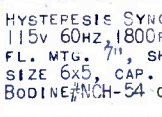
MD-34/ARA-8 MODULATOR-KEYER, p/o automatic homing keying assembly; contains Oster BT-2-13 28 VDC shunt motor, 12000 RPM 1.1 amps connected to double worm reduction with output of 32 to 50 RPM over 10-26 VDC. Also has phase shift capacitor and RF UHF connectors. 3 1/2 x 10 x 4 1/2, 5 lbs. Used, \$3.95



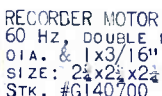
28 VDC 12000 RPM MOTOR f/ARC-3 set. Removable worm gear; shaft 1 x 3/16 dia. O/A 3 x 1 1/2 dia. #697-2644, \$5.95



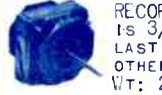
HAND CRANK GENERATOR AS USED IN GIESON GIRL RESCUE TRANSMITTERS OUTPUT 28 VDC @ 175 MA & 300 V @ 30 MA. WHEN CRANKED AT 60 RPM GEAR RATIO APPROX. 72 TO 1. NO LEGS SEAT OR MOUNTING. #GEN/CRT-3 RE-MOVED \$10.00



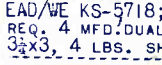
HYSTERESIS SYNCHRONOUS MOTOR 115V 60HZ, 1800RPM, CONT. 1/8HP FL. MTG. 7", SHAFT 2" 1/16" DIA. SIZE 6x5, CAP. ST. USED 25LB. BODINE#MCH-54 OR EQUAL \$25.00



RECORDER MOTOR, 1500 RPM; 115 VAC 60 HZ, DOUBLE END SHAFT, 1/2 x 3/16" DIA. & 1 x 3/16" W/PULLEY. MOTOR SIZE: 2 1/2 x 2 1/2 x 2 1/2. WT: 2 LBS. STK. #G140700 UNUSED, \$4.95



RECORDER MOTOR, 1500 RPM; 2" SHAFT IS 3/16" DIA. FOR 1"; 3/64" DIA. LAST 1/2". 3/8 x 3/16" DIA. SHAFT ON OTHER SIDE. MOTOR SIZE: 2 1/2 x 2 1/2 x 2 1/2 WT: 2 LBS. #602-1 UNUSED, \$4.75



EAD/WE KS-5718; 115 V. 27 A. 50/60 CYC. CAP. REQ. 4 MFD. DUAL SPEED 2750/3300 RPM. NO SIZE 3 1/2 x 3, 4 LBS. SHAFT 5/16 x 1, 1/50 HP. N.\$14.95

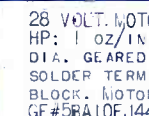


WE KS-5871-LOI MOTOR, 28.8 VDC @ 3.3-A. 5600 RPM, 0.04 HP SERIES WOUND. CONTINUOUS DUTY; REVERSIBLE WITH SPEED GOVERNOR. (MAY ALSO OPERATE AT 12 VDC AT REDUCED SPEED. SHAFT 1 x 1/2, OVERALL SIZE: 6 1/2 x 3 1/2 DIA. SHPG. WT: 7 LBS. USED \$7.95

MOTOR DRIVE ASSEMBLY f/vacuum variable capacitor. Uses 1/100 HP 15000 RPM 28 VDC motor (2" x 1 1/2" dia.) Has worm drive from motor to a series of gears geared to a 2" lever arm with 1/2" vertical motion. Also has limit switches and Cinch DA-15 15-pin connector. O/A size: 8 x 3 1/2 x 2 1/2, 3-lbs sh. #DRV501/CU991, used, \$7.95



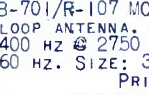
PD-5/ARA-19 TUNING DRIVE, p/o ARN-6 remote tuning system. Uses 27 VDC 250 RPM Delco FM motor. Also 10-turn 1000 ohm linear pot driven by gear from the motor. Output with female MC-124 spline shaft. Motor shaft 3/8" long x 1/8" dia. O/A 5 1/2 x 4 1/2 x 2 1/2, 4 lbs sh. Used, \$9.95 Mating conn. \$2.50; MC-124 spline, 20", \$1.50



28 VOLT MOTOR, 135 RPM; HP: 1 OZ/IN. WITH 5/16 x 1/2 DIA. GEARED SHAFT; HAS 4 SOLDER TERMINALS ON 1 x 1 1/2 x 1/2 BLOCK. MOTOR SIZE: 5 x 1 - 7/8 DIA. WT: 1 LB. GE#5BA10FJ444 UNUSED, \$7.95



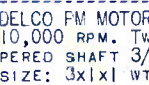
ARN-6 GEAR & MOTOR, 4-position Geneva motion 30 each, 120 total. 28 VDC 320C RPM motor split-field reversible. Reverse sw waffer broken. Motor 1 x 1 1/2 x 2 1/2; O/A 1 1/2 x 3 1/2. Used \$3



B-701/R-107 MOTOR FROM AS-313/ARN-6 LOOP ANTENNA. OPERATES FROM 26 VOLT 400 HZ @ 2750 RPM. WILL OPERATE FROM 12 VDC 60 HZ. SIZE: 3 x 2 1/2 x 3 WITH 3/8" GEAR. WT: 2 LB. PRICE: USED \$3.95



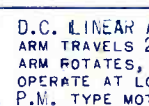
HOLTZER-CABOT #1981-HC 120 VAC 400 Hz GEAR MOTOR, 6 RPM with 40 oz.-in. torque. Shaft 1/2" long x 0.2" dia. Overall size: 2 1/2 x 2 1/2 x 3, 3 lbs sh. #1981-HC, unused \$14.95



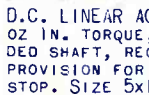
DELCO FM MOTOR 5067125, 27.5 VDC, 10,000 RPM. TWO GOVERNORS, TAPERED SHAFT 3/16 x 1/16" DIA. MOTOR SIZE: 3 x 1 x 1 WT: 5 LBS. \$3.95



MOTOR W/RIGHT ANGLE SHAFT & MOUNT, 1/8 HP 230 RPM. SHAFT SIZE: 5/16" LONG X 3/8" DIA. CLEARANCE BETWEEN SHAFT AND MOUNTING ABOUT 1" REQUIRES 115 VAC 60 HZ @ 1.9 AMPS. SIZE: 7 x 3 1/2 DIA. WT: 15 LBS. ROBBINS & MEYERS #KL-H330, \$12.95



D.C. LINEAR ACTUATOR UNIT; ARM TRAVELS 2" AT END OF TRAVEL ARM ROTATES, 24VDC, 1AMP MAX, WILL OPERATE AT LOWER VOLTAGE. SIZE 3 1/2 x 7 1/2, 2 LBS. P.M. TYPE MOTOR ASSY. #554125 USED \$9.95



D.C. LINEAR ACTUATOR; 26 VDC 2A. 400 RPM. 45 OZ IN. TORQUE, APPROX. 2" ARM TRAVEL ON THREADED SHAFT, REQUIRES LIMIT SWITCHES, HAS NO PROVISION FOR OVER TRAVEL. HAS BRAKE FOR FAST STOP. SIZE 5 1/2 x 1 1/2 IN. GE#5BA10FJ450 USED \$8.95



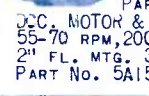
JOHN OSTER 10 CFM BLOWER WITH MOTOR C2BP-1A. 27.5 VDC 0.01 HP, 6000 RPM. SIZE: 3 1/2 x 3 x 4 1/2 WT: 4 LBS. USED \$3.95



28 VDC BLOWER, 6200 RPM WITH THE OPTION OF EITHER A SHUNT MOTOR TYPE OR PM MOTOR. SIZE: 3 x 2 1/2 x 3 SHPG. WT: 4 LBS.



BLOWER WITH PM MOTOR \$6.95



D.C. MOTOR & GEAR REDUCER, 24-29VDC NO LOAD SPEED 225-275 RPM, 60 OZ. IN. MAX. INTER. TORQUE, 2" FL. MTG. 3/16" SHAFT, MOTOR 2 1/2" LG. REVERSIBLE PART NO. C-5A-1049 USED \$5.95



D.C. MOTOR & GEAR REDUCER, 26.5 VDC, NO LOAD 55-70 RPM, 200 OZ. IN. MAX. INTMT. TORQUE. 2" FL. MTG. 3" LG. 1/2" SHAFT, REVERSIBLE. PART NO. 5A1514 USED \$6.95



VICKERS AR-1000G 115 VOLT 50/60 CYCLE SELENOID OPERATED AIR VALVE ONE INLET ACTUATES TUBE PLUNGER 1" STROKE. USED SIZE: 6 x 4 1/2 x 2 1/2; 5 LBS. \$18.00



K-101300 SYNCHRO CONTROL TRANSFORMER, similar to AY-201; rotor 26 V 1 phase, stator 11.8 V 3 phase 400 Hz. Shaft 1 x 1/16" dia. O/A 1 1/2 x 1 1/2 dia. Removed from equipment, \$4.00

AY-165 AUTOSYN DIFFERENTIAL, 400 CYCLE, 11.8 V. 3 PHASE ONE TO ONE RATIO. BENDIX & OTHERS. SIZE: 1 1/2 x 1 1/2. PRICE: REMOVED FROM EQUIP. \$2.95 AY-231 AND AY-232 SAME SPECS. AS ABOVE.

AY-123 AUTOSYN RESOLVERS; 400 CYCLE, ROTOR 2 PHASE 26 VOLT, STATOR 2 PHASE 11.8 VOLT. PRICE:

AY-177-B1 AUTOSYN DIFFERENTIAL 400 CYCLE 3 PHASE 11.8 V. TO 3 PHASE RATIO 1-1 SIZE: 1 1/2 x 1 1/2; SHAFT 1 x 1/16 PRICE: NEW \$2.95

SYNCHRO GENERATOR SPERRY#R5663642, MFG. BY BENDIX. SIMILAR TO BENDIX AY-401-2, OPERATES FROM 26 VOLTS 400 CYCLE SINGLE PHASE WHEN USED IN CONJUNCTION WITH AY-201 CONTROL TRANS. IT WILL OPERATE UP TO 20 UNITS. SIZE: 2 1/2 x 2 1/2; WT: 12 OZ. PRICE: NEW \$2.95

115 VAC 60 HZ PAIRED SELSYNS, larger and more powerful than those listed above. Use to show relative angular position of antennas or similar projects. Size and style may vary, but approx 3x6, 3 lbs ea. Used, tested, \$40/pair

23CX4 TRANSMIT. 115 V. 400 CYC USED \$ 8.95

23TX4 " " " " " " " " 8.95

23CT4 CON/TRANS. " 400 " " 8.95

23RS4A RESOLVER 90/90V " " " " 8.95

23CT6 TRANSFORMER 90/1V PER. DEG."60cy 8.95

2JIHI SELSYN DIFFERENTIAL GENERATOR NORMALLY OPERATES FROM 57.5/57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 26 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM ON PAGE 31. SIZE: 2 1/2 x 4 1/2; WT: 8OZ. PRICE WITH CONNECTOR CAPS.....\$3.95

DAYSTROM TRANSCOIL CONTROL MOTOR 115 VOLT 60 CYCLE, 1 PHASE, 2 PHASE 200 VOLT CT. 3200 RPM. SIZE: 2 1/2 x 2, SHAFT SIZE: 1/16 x 1/2 WITH GEAR. REMOVED FROM NEW EQUIP. PRICE: \$5.00

FPS-26 SYNCHRO ASSY W/18CT6B 115 V 60 Hz xmitter synchro and 18CT6B 90 V 60 Hz control xformer synchro geared to common large gear. Each selsyn 2 1/2 x 1 1/2 dia; 5 lbs assy. NEW \$50.

MAGNESYN TESTER

MAGNESYN FIELD TESTER, Type B-1 mfgd by Aerosmith Instrument for 26 V. 400 Hz magnesyns. Has calibration charts for magnesyn usages: manifold pressure, torque pressure transmitters, torque pressure, fuel, oil, burner or water pressure, liquid level, and fuel flow. 3" indicator for setting electrical zero (E) and switch. Also short cable with male and female 4-pin connectors. Size: 6 x 10 x 5 1/2, 8 lbs. sh. UNUSED, not checked, \$25.00

LINEAR ACTUATOR, STAT. 200, TENS. 40, COMP. 40. ARM TRAVEL 5/16". MOTOR 115V. 400 HZ, 1600 RPM. DUTY 1/10, 0.04 HP. TORQUE: 6.7 IN-OZ. SIZE: 5 x 5 x 3 1/2 WT: 5 LB. AIRSEARCH#34930 USED \$3.95

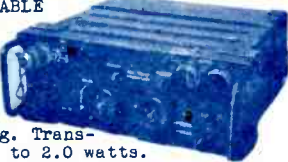
LINEAR ACTUATOR, STAT. 200, TENS 75-100, COMP. 75-100. ARM TRAVEL 3/8". MOTOR 115V. 400 HZ, 0.025 HP. 6500 RPM. DUTY 1/10. TORQUE: 3.9 IN-OZ. SIZE: 5 x 8 1/2 x 4 1/2 WT: 5LB AIRSEARCH#3D146-120 USED \$3.95

RATCHET MOTOR, 24 VDC 60 RPM CONTINUOUS. ALSO THREE POSITION STOP. BAND SWITCH ASSEMBLY AS USED IN R-5/ARN-7 COMPASS RECEIVER. UNIT WILL ALSO OPERATE FROM 18 TO 24 VDC. SIZE: 3 x 4 x 1 1/2 WT: 2 LBS. #609-ARN-7 \$1.25

REDMOND BLOWER MOTOR: 24 VOLT DC 6000 RPM MOTOR .96 AMPS, OVERALL SIZE 4 1/2 x 3 1/2 x 3 1/2; WT: 2LBS. #451-1085 UNUSED \$4.95

PRC-25 TRANSCEIVER

RT-505/PRC-25 PORTABLE TRANSCEIVER, 30 to 75.95 Mhz FM in bands 30-52.95 Mhz (Lo) and 53-75.95 Mhz (Hi) using 920 channels with 50 KHz spacing. Transmitter output: 1.1 to 2.0 watts. Has 150 Hz squelch tone. Set is transistorized except for 2DF4 tube in power amp. Power required: 3 VDC 0.4 amp and 15 VDC 1.4 amps. Batteries not available. Size: 4x11x14; 18 lbs. sh. Used, not checked, \$125.00



AN/PRC-25 BACKPACK TRANSCEIVER SET consisting of RT-505, CY-2562 battery box, ST-138 backpack harness, H-189 (or H-138) handset, AT-892 ribbon antenna, AB-591 antenna base, AT-271A antenna, and CW-503 (or CW-216) accessory bag. Used, \$160. PRC-25 SCHEMATIC, \$5.

BA-4386 MAGNESIUM LONG-LIFE BATTERY for PRC-25 or -77; '78/'79 date codes, unused \$8.95



T-195/GRC-19 TRANSMITTER, 1.5 to 20 MHz in ten bands; TRANSMITS CW, VOICE, or FSK. MANUAL OR AUTOMATIC TUNING. POWER OUTPUT: 100 WATTS (1.5-12 MHz), 90 WATTS (12-16 MHz), or 80 WATTS (16-20 MHz). ANTENNA INPUT: 50 OHMS. AUDIO: 600 OHMS. METERS FOR PA GRID AND CATHODE CURRENTS, BATTERY VOLTAGE, AND MODULATION LEVEL WITH 22 TUBES INCLUDING TWO 4X150D'S. REQUIRES 22-30 VDC 42 AMPS (9 A STANDBY). 11x22x14; 150 LBS. SH. 122 LBS. NET. USED, REPARABLE, \$125. T-195B/GRC, P.U.R.

R-392/URR RECEIVER, COMPANION TO THE T-195, 0.5-32 MHz in 1 KHz steps on counter dial. 24 VDC 3 AMPS REQUIRED. Used, checked, \$295.

MT-851 BASE FOR T-195 and R-392, 60 LBS. \$10.
T-195 BATTERY CABLE WITH PLUG, \$4.95
T-195/GRC-19 MANUAL, \$7.50
R-392/URR MANUAL, REPRODUCTION, \$10.00
AN/GRC-19 OPERATOR'S MANUAL, \$3.00
AN/GRC-19 MANUAL, \$10.00

R-808/GRC-14 RECEIVER, 2-32 Mhz AM, CW, FSK in 4 bands; 115 VAC or 24 VDC 5 amps, \$250.
T-631/GRC-14 XMITTER, 2-20 Mhz 400 watts peak 1100 vdc, 250 vdc, 312 vdc, -105 vdc, 26 vdc and 2/115 VAC 60 Hz. Used, excellent, \$175.

38 TO 54 MHz RECEIVER



R-110 RECEIVER 38 to 54 MHz FM CONTINUOUSLY TUNEABLE, VARIABLE SQUELCH and AUDIO, OUTPUT IMPEDANCE 600 OHMS. 4.3 MHz. 1.5 F. WITH TUBES 9/5678, 2/5672, 1A3, 2/3A5, 1S5, 2/3C4, 2/6AK5 & 0B2. VOLTAGES REQ. 135 VDC @ 70 MA. AND 6.3 VDC 2 AMPS.

SIZE: 9x13x7; WT: 32 LBS. USED \$49.50

R-108 RECEIVER, SAME AS R-110 ABOVE EXCEPT 20-28 MHz. USED \$29.95

R-109 RECEIVER, SAME AS R-110 ABOVE EXCEPT 27-39 MHz. USED \$39.95

PP-282 POWER SUPPLY 24 VDC FOR R-108-109-110 RECEIVERS. MOUNTS INSIDE REC. USED \$5.95



SHOCKED-MOUNTINGS FOR GRC SERIES RADIO SETS. ALL HAVE APPROPRIATE CABLES & CONNECTORS

THAT GO FROM THE MTG. TO THE SET & BATTERY, BUT THEY DO NOT HAVE JUMPER CABLE UNIT UNIT.
MT-297/U HOLDS R/T, PS, REC., RT-70, AM-65, C434
SIZE: 33x13x4; WT: 75 LBS. USED \$25.00
MT-298/U HOLDS TWO (2) R/T & TWO (2) PS.
SIZE: 37x13x4; WT: 85 LBS. USED \$20.00
MT-299/U HOLDS ONE RT-66, 67, OR 68 & ONE PS
SIZE: 18x13x4; WT: 50 LBS. USED \$25.00
MT-300/U HOLDS (1) RT-70 & AM-65 (PIGGYBACK)
SIZE: 8x13x3; WT: 25 LBS. USED \$20.00
MT-791/U NO CABLES, FOR SINGLE UNITS SUCH AS REC, MD, CV, GSA, PP, ETC.
SIZE: 8x13x3; WT: 18 LBS. USED \$15.00

RECEIVER-TRANSMITTER

RT-68/GRC RECEIVER-TRANSMITTER, 38 to 54.9 MHz RANGE CONTINUOUSLY TUNEABLE OR 100 KHZ-STEP DE-TENT CHANNELS OR TWO PRE-SET CHANNELS. RECEIVES AND TRANSMITS BOTH VOICE AND 1600 HZ RINGING FM SIGNALS. THE OVERALL COMMUNICATION RANGE IS FROM 10 TO 15 MILES. THE RECEIVER CIRCUIT IS A DUAL-CONVERSION SUPERHETERODYNE TYPE WITH THE 1ST IF VARIABLE FROM 4.45 TO 5.45 MHz AND THE 2ND IF FIXED AT 1.4 MHz. THE RECEIVER HAS A VARIABLE SQUELCH CONTROL AND A 600 OHM OUTPUT IMPEDANCE. THE TRANSMITTER CIRCUIT USES A CRYSTAL-CONTROLLED OSCILLATOR AND OSCILLATOR POWER AMP AND PUTS OUT 2 WATTS ON LOW POWER VOLTAGE OR 16 WATTS ON HIGH POWER VOLTAGES SUPPLIED FROM THE POWER SUPPLY SOLD SEPARATELY. THE RT-68 ALSO PROVIDES A METER AND TEST SWITCH TO MONITOR TRANSMITTER POWER OUTPUT FILAMENTS AND THE 90 VOLT INPUT. WITH TUBES 4/1U4, 2/1A3, 2/1L4, 4/1R5, 2/1AE4, 1S5, 4/3C4, 3/3A5, 2/3B4, 3A4, 6AK5 AND 2E24. SIZE: 9x13x11; WT: 42 LBS. USED \$75.00



RT-66/GRC RECEIVER-TRANSMITTER SAME AS RT-68 ABOVE EXCEPT 20-27.9 MHz RANGE. USED \$39.50

RT-67/GRC REC-TRANS. SAME AS RT-68 EXCEPT 27-38.9 MHz RANGE. REPARABLE \$49.50



PP-112/GRC 24 VOLT POWER SUPPLY FOR THE RT-66, 67 AND 68 SERIES RECEIVER-TRANSMITTERS. THIS UNIT SUPPLIES ALL THE NECESSARY VOLTAGES FOR THE RECEIVER AND TRANSMITTER CIRCUITS. INCLUDES LOW AND HIGH POWER SWITCH FOR THE TRANSMITTER SECTION.

SIZE: 9x13x7; WT: 38 LBS. USED \$25.00

PRC-10 RECEIVER-XMITTER

RT-176/PRC-10 RADIO RECEIVER-TRANSMITTER; PORTABLE UNIT OPERATING FROM 38 TO 54.9 MHz FM VOICE COMMUNICATIONS. THE RECEIVER SECTION HAS AN IF OF 4.3 MHz AND AN AUDIO OUTPUT IMPED. OF 600 OHMS. TRANSMITTER OUTPUT IS 0.9 WATTS WITH A NORMAL RANGE OF ABOUT FIVE MILES. MICROPHONE INPUT IMPED. 150 OHMS. BOTH RECEIVER AND TRANSMITTER SECTIONS ARE CONTINUOUSLY TUNEABLE. WITH CONTROLS FOR VOLUME, TUNING, SQUELCH, POINTER ADJUST AND DIAL LOCK. CONNECTOR FOR EXTERNAL SPEAKER. WITH TUBES 9/5678, 2/5672, 3/5676, 1A3 AND 5A6. POWER REQUIRED: 135 VDC, 67 VDC AND 1.5 VDC. LESS BATTERY CASE. ACCESSORIES LISTED ELSEWHERE. SIZE: 9x13x10; WT: 9 LBS.
RT-176/PRC-10 USED \$29.50
RT-174/PRC-8, SAME AS PRC-10 EXCEPT 20.0 TO 27.9 MHz. USED-COMLETE, NOT CHECKED, \$30.



RT-175/PRC-9, SAME AS PRC-10, EXCEPT 27.0 TO 38.9 MHz. USED, COMPLETE, NOT CHECKED, \$35.

AM-598 AMPLIFIER-POWER SUPPLY, USED WITH PRC-8, -9, -10 WHICH PLUGS INTO TOP. FUNCTIONS AS AN AUDIO AMPLIFIER AND ALLOWS FOR 24 VDC OPERATION FOR THESE TRANSCEIVERS. WITH TUBES 2/26E6, 2/12AT7, 2625 AND 0C3. 11x11x10; 38 LBS. SH. USED, \$24.95



ACCESSORIES

CY-744/PRC BATTERY CASE f/PRC-8-9-10, \$6.00
AT-272A gooseneck antenna base, unused, \$2.
AT-271/PRC 7-section 8' whip antenna \$4.95
AB-129 RUBBER BASE f/AT-271 (PRC-8-9-10) \$3.
AB-591 RUBBER BASE f/AT-271 (PRC-25-77), \$4.
AM-598 SHOCKMOUNT \$5. AM-598 AUDIO CABLE \$6
M-29 MIC w/U3-77, \$4. M-81 MIC w/U3-229 \$8.
HANDSETS, H-33 w/U3-77 \$6. H-189 w/U3-229 \$12
LS-166/U LOUDSPEAKER w/U3-77...Used \$10.95
GRC/VRC CONNECTORS, specify type and with what equipment used, \$3 each w/set purchase.
CX-1213 CONNECTOR ASSY. f/RT70 to AM65, \$6.
CX-1211 CONN. ASSY. f/RT66-7-8 to PP112, \$6.
Connector assy. sold only with set purchase.

PRC-6 WALKIE-TALKIE



RT-196/PRC-6 FM TRANSCEIVER, single channel crystal-controlled in the 47 to 55.4 Mhz range. Range: approx. 1 mile depending on terrain and conditions. Handheld unit has push-to-talk switch, volume control, ribbon antenna, carrying strap, and provision for H-33/PT handset. Uses type CR-23 crystal (not included or available). With tubes 6/5678, 3B4, 3/5672, 2/5676, and 2C21. Requires 1.5, 45, and 90 VDC. 15x5x4; 6 lbs sh. Used, \$18.95; MANUAL, \$7.50

CY-853/PRC-6 CASE, space and padding for 42 crystals; 6x6x1, 2 lbs. Used, \$3.00

ID-292/PRC-6 CHANNEL ALIGNMENT INDICATOR, plugs into RT-196 and indicates relative level voltages for B+ filament, osc. injection, limiter, discriminator output, and P-A grid. Also P-A current and calibrate adjust. Unit is basic VTVM with 1/4 sq. FS-500 ua-meter and 5678 tube. Power from set under test. ID-292, unused w/manual, spare 5678, \$22.95

GRC/PRC BATTERY TEST

AN/PSM-13 BATTERY TEST SET; DESIGNED TO CHECK GRC AND PRC-TYPE BATTERY PACKS INCLUDING BA-270, -279, -376, -377, -386/PRC-25, -398/PRC-25, -399, and -505. METER INDICATES BAD-GOOD (FS=1 mA). WITH ADAPTERS U-240, -241, -242, -297, -314, -315, -346 AND CANVAS CASE. SHPG. WT: 7 LBS. PRICE: USED, EXCELLENT, \$24.95



ME-61/GRC FIELD STRENGTH METER 1.4 TO 24 MHz IN THREE RANGES. WITH VARIABLE TUNING, SENSITIVITY CONTROL, 1 1/2" SQUARE METER, PHONE JACK AND ANTENNA. SIZE: 5x5x4; WT: 5 LBS. UNUSED, \$24.95



RT-70 RECEIVER-TRANSMITTER 47 to 56.4 MHz FM VOICE COMMUNICATIONS. FEATURES CONTINUOUS TUNING OR TWO PRE-SET CHANNELS AND PUSH-TO-TALK TRANSMISSION. THE RECEIVER CIRCUIT IS THE DUAL CONVERSION TYPE WITH THE 1ST IF 4.3 MHz AND THE 2ND IF 1.4 MHz. WITH VARIABLE SQUELCH CONTROL. 600 OHM AUDIO OUTPUT IMPEDANCE. THE TRANSMITTER CIRCUIT HAS A 500 MW OUTPUT AND AN AUDIO INPUT IMPED. OF 150 OHMS. POWER REQUIRED: 90 VDC @ 80 MA, 6.3 @ 360 MA AND 6.3 @ 160 MA. WITH TUBES: 6/1U4, 3/1L4, 2/1R5, 1S5, 1AE4, 4/3C4, 3A5, AND 3B4. RELATED ACCESSORY EQUIPMENT LISTED ELSEWHERE. SIZE: 4x13x8 WT: 20 LBS. USED \$25.00



AM-65/GRC AUDIO FREQUENCY AMPLIFIER; THREE CHANNEL AUDIO FREQ. AMPLIFIER USED FOR INTERPHONE AND MONITORING OF VARIOUS TYPE GRC REC-TRANS. POWER REQUIRED: 135 VDC @ 35 MA AND 6, 12 OR 24 VDC.

SIZE: 4x13x8 WT: 17 LBS. USED \$14.95
FP-282/GRC 24 VDC POWER SUPPLY used AM-65 and RT-70. Plugs into AM-65 and the voltages for both AM-65 and RT-70. 4x6x3; 6 lbs. Used \$5.
FP-281/GRC VIBRATOR POWER SUPPLY, same as above but requires 12 VDC input. Used \$14.95



COMBINATION OFFER

when the RT-70, AM-65 and FP-282 are purchased together, all three for \$35.00
COMBINATION OFFER with FP-281 12 VDC supply instead of FP-282 24 VDC supply, \$45.00

TECH MANUALS WITH SCHEMATICS FOR:
RT-196/PRC-6... \$7.50
PRC-9A-10A \$7.50
RT-66, 67 & 68... \$5.00
RT-70... \$5.00
R-108, 109 & 110... \$7.50
AM-598... \$3.00
PP-109 & 112... \$5.00
AM-65... \$5.00
AN/VRC 13-15 or AN/VRC 16-18, CONTAIN INFO & SCHEMATICS ON RT-66, 67, 68, R-108, 109, 110, PP-109, 112, VAR. MTG. CONTROL BOX ES. \$7.50



R-394/U RECEIVER F.M. 152-172 MC. SINGLE CHANNEL CRYSTAL CONTROL DUAL CONVERSION, CRYSTAL FREQ. RANGE 24.033 TO 27.7 THIRD OVERTONE, TYPE CR-32/U, I.F. FREQ. 7.8 MC & 455 KC. 15 KC DEVIATION, OUTPUT IMPEDANCE 8 OHMS, POWER 6 WATTS, SQUELCH AND MUTING CIRC. MODULAR CONSTRUCTION WITH PLUG-IN UNITS FOR EASY SERVICING.

1ST R-F AMPL. UNIT w/TUBES 1/5840 2/1AD4.....LOCAL OSCILLATOR UNIT w/TUBES 2/1AD4, 1/5678, 1/VR31-5783

.....1st I-F 7.8 MC UNIT w/TUBES 3/5678.....2D I-F AND DISCRIMINATOR UNIT WITH TUBES 7/5678.....AUDIO AND SQUELCH UNIT WITH TUBES 3/5678, 1/5672, 1/6AK6 ALSO 455 KC SELECTIVE FILTER UNIT WHICH IS WIRED, NOT PLUG-IN. ILLUSTRATION SHOWS THE PLUG-IN UNIT AND THE COMPARTMENT WHERE THE POWER SUPPLY IS ALSO PLUGGED INTO. COVER IS SUPPLIED AND HELD IN PLACE BY A SPRING LOADED FASTNER. POWER SUPPLIES, CONNECTOR, CONTROL UNIT AND OTHER ITEMS THAT ARE USED WITH THIS SET ARE LISTED ELSEWHERE ON THIS PAGE.

SIZE: 8 1/2 x 5 1/2 x 14 1/2; WT: 19 LBS.

PRICES: USED GOOD CONTITION.....\$14.95
Gov't RE-CONDITIONED..... 22.50



R-257 or R-394 RECEIVER CHASSIS ONLY LESS ALL PLUG-IN UNITS AND FILTERS, WITH CONNECTORS & COVER. SHPG. WT: 10 LBS. USED \$4.95

R-257 or R-394 RECEIVER PLUG-IN UNITS ONLY

MX-1547 RECEIVER RELAY SUBASSEMBLY \$4.95

1ST R.F. AMPL. w/TUBES 1/5840, 2/1AD4 \$3.95

LOCAL OSCILLATOR w/TUBES 2/1AD4, 1/5678 \$4.95

1/VR31-5783 & CRYSTAL. (NO CRYSTAL CHOICE)

2ND I.F AND DISCRIMINATOR w/ TUBES 5678 \$3.95

1ST I-F 7.8 MC. w/TUBES 3/5678 & CRYST \$4.95

AUDIO & SQUELCH w/TUBES 3/5678, 1/5672 AND 1/6AK6 \$3.95

SELECTIVE FILTER 455 KC. (NOT SHOWN) \$2.95



AN/GRR-5 RADIO RECEIVING SET FOR USE IN THE 1.5 TO 18 MHZ RANGE, 4 BANDS 115 VOLTS 50 OR 60 CYCLE, 6, 12, 24 VDC OR DRY CELL BATTERIES 90 AND 1.5 VDC. CAN BE USED FOR OPERATION THE SET CONSISTS OF THE R-174 RECEIVER WHICH IS A SUPERHETRODYNE RECEIVES AM, CW AND MCW SIGNALS, WITH CONTINUOUS TUNING AND FACILITIES FOR PRESETTING ANY 10 CHANNEL FREQ., 200 KHZ CRYSTAL CALIBRATOR, 455 KHZ IF WITH TUBES 1/3V4, 3/1R5, 3/1L4 & 1/1U5, THE OUTPUT OF THE REC. IS FEED INTO A HEAVY DUTY 4" SPEAKER THAT IS PART OF THE PP-308 POWER SUPPLY AND TO OUTPUT PHONE JACKS ON THE REC. PP-308 POWER SUPPLY FURNISHES ALL THE VOLTAGE REQUIRED WHEN ANY OF THE POWER SOURCES ARE APPLIED AS STATED ABOVE AND IT ALSO CONTAINS THE SPEAKER. BOTH UNITS ARE MOUNTED IN A TWO COMPARTMENT CABINET THAT IS SHOCKMOUNTED. PP-308 IS SUPPLIED WITH TUBES 2/6AG7, 1/1007 & 1/0B2.

SIZE: 13 1/2 x 8 1/2 x 12 1/2; WT: SHPG. 75 LBS. ACTUAL 62

Price: Used repairable \$49.50; Checked \$79.50

POWER INPUT PLUG, \$3.00 with purchase of set. DC cord, 10 foot, \$1.50; MANUAL, \$7.50



R-257 RECEIVER 25 TO 50 MC FM SAME AS R-394 RECEIVER ONLY DIFFERENT FREQUENCY RANGE. USES ALL THE SAME ACCESSORIES POWER SUPPLIES, TUBES ETC. SAME SIZE AND WEIGHT. USED \$14.95



VIBRATOR TYPE POWER SUPPLIES FOR USE WITH R-394 & R-257 RECEIVERS. THE OUTPUT OF THE SUPPLIES ARE THE SAME AND ARE

155 VOLTS DC @ 15 MA.
150 " " @ 5 "
140 " " @ 50 "
-40 " " @ .5 "
6.3 " " @ .45 AMPS.
6.3 " " @ 1.0 "
1.4 " " @ 1.25 "

PP-867/U 24 VOLTS DC @ 1.1 AMPS USED \$4.95

PP-868/U 12 " " @ 2.0 " 9.95

PP-869/U 6 " " @ 3.7 " WRITE AS TO

PP-846/U 115/230 v 60 CYC 2 AMPS AVAILABILITY.

PP-844/U 115/230v. 60 CYCLE AC POWER SUPPLY FOR T-417, T-208 AND T-278 TRANSMITTERS.

WRITE AS TO AVAILABILITY AND PRICE

C-844/U CONTROL UNIT FOR OPERATION OF RADIO SET FROM REMOTE POINT. USED \$14.95



CY-93B ELECTRICAL EQUIPMENT CABINET; USED TO HOUSE RECEIVERS R-394 OR R-257, TRANSMITTERS T-208 OR T-278 AND POWER SUPPLIES DY-93 OR DY-98 OR DY-100 FOR THE TRANSMITTERS.

SIZE: 17 1/2 x 11 1/2 x 25; WT: 33 LBS.

PRICES: USED \$7.95



T-208/U TRANSMITTER F.M. 25 TO 50 MC 25 WATTS. SINGLE CHANNEL CRYSTAL CONTROL, 15 KC DEVIATION, VOICE ONLY TRANSMISSION. CRYSTAL UNIT CR-27/U, FREQ RANGE 1,562.5 TO 3125 KC. X 16 FOR ALL FREQUENCIES. 100 MV CARBON MIC. WITH TUBES 3/2E24, 1/3B4, 2/5672 4/5678 & 3/1AD4.

VOLTAGES REQUIRED ARE AS SHOWN WITH DYNAMO TORS DY-93/12 V, DY-98/24 V. DY-100/6 V.

SIZE: 8 1/2 x 4 1/2 x 14 1/2; WT: 11 LBS. USED \$18.95



C-847 RADIO CONTROL BOX; USED TO CONTROL THE SYSTEM, HAS HEAVY ALNICO MAGNET 4" SPEAKER FOR MONITORING REC. CONTROLS FOR SQUELCH, VOLUME ON/OFF SW. PILOT LIGHTS AND RECEPTACLE FOR H-33 HANDSET WHICH HAS UG-77

SIZE: 9 1/2 x 5 1/2 x 3 1/2; WT: 6 LBS. USED \$8.95

H-33/PT HANDSET WITH CORD & UG-77 " 5.95



T-278/U TRANSMITTER F.M. 152 TO 174 MC APPROX. 30 WATTS, CRYSTAL CONTROL ON ANY TWO (2) PRESET FREQ. PHASE SHIFT MODULATION 15 KC DEVIATION, CR-27/U CRYSTAL UNIT FREQ. RANGE 4750-5437.5 KC. MULTIPLIED 32 TIMES WITH TUBES 2/3A4, 3/2E24, 4/5678, 2/5672 AND 2/1AD4.

VOLTAGES REQUIRED AS SHOWN WITH DY-93 DYNAMO TCR ELSEWHERE ON THIS PAGE. USED \$18.95

SIZE: 8 1/2 x 4 1/2 x 14 1/2; WT: 12 LBS. UNUSED \$24.95

T-278 TRANS. LESS TUBES AND CRYSTAL OVEN \$6



CHASSIS CONNECTORS TO FIT R-394, R-257, T-416 T-278, T-208 & SUPPLIES

TRANSMITTER PLUG P-401 CHASSIS CONNECTOR NO'S J-801, CANNON# DPD-A32C2-33S-2L \$2.50

RECEIVER PLUG R-252; CHASSIS CONNECTOR NO'S J-803, CANNON# DPD-A31C1-33S-2L \$2.50

POWER SUPPLY PLUG P-1203; CHASSIS CONNECTOR NO'S J-802, CANNON# DPD-30-33S-22 \$2.50

UG-77 PLUG ON 4 1/2 FOOT CORD.....\$1.00

H-33/PT HANDSET ON 4 1/2' CORD WITH UG-77 U 5.95



DY-93 DYNAMOTOR POWER SUPPLY

INPUT: 12 VDC @ 20 AMPS.

OUTPUT: 380 VDC @ 180 MA.

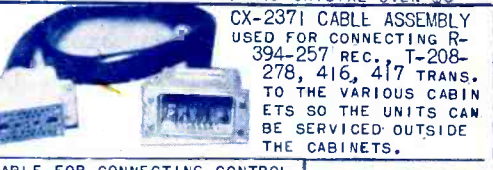
225 VDC @ 45 MA.

-25 VDC @ 5 MA.

USED WITH T-208 & T-278 TRANS.

SIZE: 8 1/2 x 7 x 14; WT: 27 LBS.

PRICE: USED \$9.95



CX-2371 CABLE ASSEMBLY USED FOR CONNECTING R-394-257 REC. T-208-278, 416, 417 TRANS. TO THE VARIOUS CABINETS SO THE UNITS CAN BE SERVICED OUTSIDE THE CABINETS.

LENGTH 7 FT. 3 LBS. \$10.00

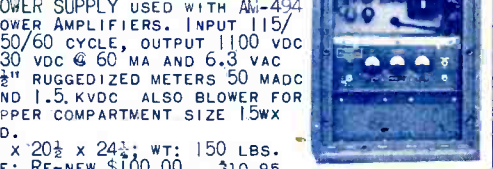


RF MONITOR

ID-642/FSA RADIO FREQUENCY MONITOR, USES DIRECTIONAL COUPLER WITH IN-21B DIODE TO MONITOR RF VOLTAGE LEVEL. DC VOLTAGE IS AMPLIFIED TO TRIGGER A 24 VDC RELAY (6.5 MA 4PST) OVER A POWER SCALE OF 25-200. UNIT WAS PROBABLY CALIBRATED INTO A STANDARD LOAD. REQUIRES HN CONNECTORS. WITH TUBES: 2/0A2, 5751, 5670 6X4. AND TJ791K01 CURRENT REGULATOR. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 11x19x10 1/2; SHPG. WT: 20 LBS. UNUSED, W/SCHMATIC, \$37.95

TRANSMITTER RECEIVER

RT-53/TRC-7 RECEIVER-TRANSMITTER; 100-156 MHZ, A.M. VOICE, 1.5 W CRYSTAL CONTROL ON 2 PRESELECTED CHANNELS, 1 1/2" METER, PHONE, MIC. & MONITORING JACKS, VOL. CONTROL ETC. WITH TUBES 3/1AB5, 3/1L4, 1/IS5, 5/3A5, 1/1LA3, 1/3Q4 & 2/3A4. VOLTAGES REQUIRED 90 VDC, 60 VDC & 4 1/2 VDC. SIZE: 11 1/2 x 5 1/2 x 13 1/2; 15 LBS. USED \$24.95



PP-638/U POWER SUPPLY USED WITH AM-494 & AM-495 POWER AMPLIFIERS. INPUT 115/230 VOLTS 50/60 CYCLE, OUTPUT 1100 VDC @ 320 MA, 230 VDC @ 60 MA AND 6.3 VDC @ 5.2 A. 2 1/2" RUGGEDIZED METERS 50 MADC 500 MADC AND 1.5 KVDC ALSO BLOWER FOR COOLING. UPPER COMPARTMENT SIZE 15W X 3 1/2 H X 8 1/2 D.

SIZE: 31 1/2 x 20 1/2 x 24 1/2; WT: 150 LBS.

PRICE: RE-NEW \$100.00 \$10.95

BC-604 F.M. TRANSMITTER 30 W. FREQ. RANGE 20-27.9 MHZ. 10 PRE-SET CRYSTAL CONTROL CHANNELS ARE POSSIBLE WITH THE PROPER CRYSTALS. WITH TUBES 4/1619 & 1/1624. VOLTAGE REQ. 12 OR 24 VDC & 625VDC @ 225MA. SIZE: 18 1/2 x 11 1/2 x 10 1/2; 60 LBS. PRICE: Unused, \$25.00

PRC POWER SUPPLY

PP-351 POWER SUPPLY, DESIGNED TO PROVIDE REGULATED DC POWER FOR TESTING PRC-6 -8, -9, -10; SCR-510, -610; AND BC-1000 MANPACK TRANSCEIVERS. HAS METERING FOR EACH OF FIVE VARIABLE OUTPUTS. INPUT/OUTPUT CABLES NOT AVAILABLE. POWER REQUIRED: 115/230 VAC 50-60 HZ. 25x11 1/2 x 14 1/2; 150 LBS. SH. USED, \$45.00

SPEAKERS

IS-166/U LOUDSPEAKER, housed in cast-aluminum case, speaker is 4" dia. with heavy-duty FM magnet, 600 ohm matching transformer with 8 ohm output and HI-LO switch, 6 foot cord with UG-77 connector. Unit is used with most GRC/VRC radio sets. 5x5x3 1/2, 5 lbs. Used, \$10.95

FT-237 VEHICULAR RADIO MOUNTS for BC-603/683 & BC-604/684; 75 lbs sh. Used-some corrosion, \$20. Unused \$28.

FT-250 MOUNT for BC-620 or -659; 18 lbs. Used, \$18.00

TELEGRAPH-TELEPHONE SIGNAL CONVERTER: CONVERTS 20 CPS RINGING SIGNALS TO 1225/1600 CPS RINGING SIGNALS AND CONVERTS 1225/1600 CPS RINGING TO 20 CPS. RINGING. POWER REQ; 115v 60Hz. w/2EA. 12AU7, 12AX7, 6AL5, 6X4 SIZE: 11x7x10 1/2; 18 LBS. TA-182 USED \$25.00

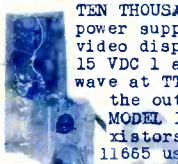
MANUAL \$5



RECEIVER POWER SUPPLIES AND SPEAKER FOR THE FOLLOWING:
 R-23/ARC-5 BC-453 BC-342
 R-24/ARC-5 BC-454 BC-344
 R-25/ARC-5 BC-455 BC-348
 R-26/ARC-5 BC-946 BC-429
 R-27/ARC-5 R-108,109,110

COMPLETE WITH DYNAMIC SPEAKER HOUSED IN A METAL CABINET WITH CONNECTING CABLE, PLUG, PHONE JACK, VOLUME CONTROL, 8FO SWITCH, ETC. IF APPLICABLE, CAN ALSO BE USED FOR OTHER SETS. OUTPUT: 200/250 VDC @ 90/60 MA. AND 24 VAC @ 2 AMPS. INPUT: 115 VAC 60 HZ. PLEASE SPECIFY THE TYPE SET. DIMENSIONS AND PARTS OF THE POWER SUPPLIES MAY VARY WITH AVAILABILITY OF MATERIALS. 9 1/2x6 1/2x5 WT: 10 LB
 PRICES: KIT OF PARTS, \$22. WIRED, \$27.00

BC-348 RECEIVER POWER SUPPLY with speaker, similar to above. Kit, \$22. Wired, \$27.00



TEN THOUSAND VOLT DC TO DC power supplies, p/o Sanders video display. Requires 10-15 VDC 1 amp 5-7 Khz square wave at TTL levels to drive the output amplifier. MODEL 13904 uses 2/2N3055 xistors or equal. MODEL 11665 uses one TO-3 xistor. No schematic. 10x5x6, 5 lbs.

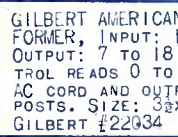
#13904 GOOD EXPERIMENTER ITEM \$9.95
 #11665 \$7.95



PE-110 POWER SUPPLY FOR BC-669 TRANSMITTER-RECEIVER. INPUT 115 VOLT 60 CYC. OUTPUT 520 VDC @ 420 MA. A 12 VDC VIBRATOR TYPE POWER PACK WITH AN OUT PUT OF 275 VDC @ 64 MA THAT PLUGS INTO THE CHASSIS SERVES AS A RECEIVER STANDBY. INCLD. FOUR 5Z3 TUBES, RESET CIRCUIT BREAKERS, A.C. OUTLETS, AND SUFFIX LETTER, TUBE COMPLEMENT AND SIZE MAY VARY. 20x9x12; 75 LBS. USED REPARABLE \$25



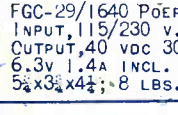
PP-484/FGC-5 VOLTAGE REGULATED POWER SUPPLY OPERATES FROM 115/230 VOLT 50/60 CYCLE 1 RH. OUTPUT 115 VDC 100MA, 225VDC 550 MA.; 4/6.3 VAC 12 AMP. -6.3V BIA. WESTON 301 METERS 3 1/2" 0-10 VAC; 0-200 VDC & 0-500 VDC; W/ TUBES 2/3B28, 2/2050, 2/12AU7, 6Y6 & 5U4. ALSO 2 AC OUTLETS ON FRONT PANEL. 19x11 1/2x20; WT: 150 LBS. USED \$29.95



GILBERT AMERICAN FLYER TOY TRANSFORMER, INPUT: 120 VAC 60 HZ. OUTPUT: 7 TO 18 VOLTS AC. CONTROL READS 0 TO 120 MPH. WITH AC CORD AND OUTPUT BINDING POSTS. SIZE: 3 1/2x5x3 WT: 6 LBS. GILBERT #22034 Used, \$3.95



FGC-29/1660 POWER SUPPLY INPUT 115/230 VOLT 50/60 HZ OUTPUT: 225 VDC 100 MA. 6.3 VCT 4A. 6.3 V 1.5 A. INCL. FIL. 2/2021 TUBES 11x5 1/2x4 1/2; 23 LBS. REM \$15



FGC-29/1640 Pöer SUPPLY: INPUT, 115/230 v. 50/60 HZ. OUTPUT, 40 VDC 30MA OR 35VDC 40MA 6.3V 1.4A INCL. FILAMENT 6x4. 5 1/2x3 1/2x4 1/2; 8 LBS. REMOVED \$10

SOLA CONSTANT VOLTAGE DC POWER SUPPLIES; 19" x 6" 40 lbs. sh wt. \$14.95

SOLA #	INPUT	OUTPUT
28238	180/240 200/260	200 VDC 1.5 A
28239	"	120 VDC 1.1 A
		20 VDC 2.0 A
28232	115/208/230	120 VDC 2.0 A
28266	115/208/230	20 VDC 4.0 A

#237 CONSTANT VOLTAGE TRANSFORMER, 6.5 V 25 amp output from 90-130 VAC 60 Hz input, \$15.

VERY HIGH VOLTAGE
 DC POWER SUPPLY WITH 107-125 VAC 60 HZ PRIMARY. Two outputs: -5.4 TO 5.75 Kv. @ 140 TO 300 U-A. ONE OUTPUT: -5.1 TO 270 U-A. SIZE: 12 1/2x21x44 WT: 10 LBS. GE#9T63Y2029G6, Used, \$10.95

DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE CORD, PILOT LIGHT, LINE FUSE ETC. INDICATED RATINGS ARE FOR LOAD CONDITIONS.

OUTPUT 12 VOLT D.C. 2 AMPS.
 APPROX. SIZE: 5x10x2; WT: 10 LB
 STK.# 12VDC2A.
 PRICES: COMPLETE WIRED \$15.95
 KIT OF PARTS 11.00



OUTPUT 24 VOLT D.C. 2 AMPS.
 APPROX. SIZE: 5x10x2; WT: 12 LB.
 STK.# 24VDC2A.
 PRICES: COMPLETE WIRED \$20.95
 KIT OF PARTS 15.95

OUTPUT 12 VOLT D.C. 4 AMPS.
 APPROX. SIZE 5x10x2; WT: 12 LB.
 STK.# 12VDC4A.
 PRICES: COMPLETE WIRED \$19.95
 KIT OF PARTS 14.95

OUTPUT 24 VOLT D.C. 4 AMPS.
 APPROX. SIZE: 5x10x2; WT: 14 LB
 STK# 24VDC4A
 PRICES: COMPLETE WIRED \$23.95
 KIT OF PARTS 18.95

LENKURT MODEL 5047A POWER SUPPLY, INPUT: 115 VAC 60 HZ. OUTPUT: 24 VCT. 10 AMPS AC AND 160V. 150 MA DC. CONSTRUCTED ON AN ALL-ALUMINUM CHASSIS WITH VENTILATED ALUMINUM COVER WITH FLIP-LOCKS. (NOT SHOWN) SIZE: 19 1/2x7 1/2x10 1/2 WT: 45 LBS. \$19.95

COMPUTER POWER SUPPLIES

SOLID STATE POWER SUPPLIES rated conservatively and constructed on rugged steel frames. Units have front voltage adjust +10% running light, AC reset. Also adjustable current limiting and overvoltage protection. Power input: 115 VAC 60 HZ. Removed from equipment.

RATING	SIZE	Sh wt.	#	PRICE
4 V 75 A.	20x19 1/2x17	125 lbs.	650	\$60.00
12 V 15 A.	15 1/2x13 1/2x7	60 lbs.	654	\$70.00
12 V 25 A.	15 1/2x19 1/2x7	75 lbs.	928	\$90.00
12 V 35 A.	20x19 1/2x17	100 lbs.	1235	write

REGULATED 48V 5A

REGULATED SOLID STATE POWER SUPPLY; OUTPUT: 48V. 5 AMPS. INPUT: 115 VAC 60 HZ. TRANSISTOR DEVICES MODEL SPS 828. SIZE: 16 1/2x8 1/2x3 1/2, SHPG. WT: 25 LBS PRICE: UNUSED, \$45.00

SCOPE POWER SUPPLY

HFE CRT POWER SUPPLY; HAS 6.5 KV LOW CURRENT OUTPUT WHEN USED WITH 10 VDC 1.75 AMPS DC-TO-DC INPUT CONVERTER. WILL PRODUCE 7.5 KV FROM 12 VDC INPUT. OTHER LOW CURRENT OUTPUTS OF -2500 AND -1500 VDC. TRANSISTORIZED WITH COVER AND CONNECTORS. 11x6x5 1/2, 10 LBS. USED, EXC., \$15.95
 HFE LOW VOLTAGE POWER SUPPLY; OUTPUT: 10 VDC 1.75 AMPS, ADJUSTABLE -1 V. INPUT: 115 VAC 60 HZ. TRANSISTORIZED WITH FUSE AND CONNECTOR. 10 1/2x6 1/2x4; 12 LBS. REMOVED F/EQUIP., \$7.95
 HFE CRT AND LV POWER SUPPLIES AS SET, \$20.00

BREAKER 12.5 VDC 2.5 AMP POWER SUPPLY; 4 AMP SURGE, 4 AMP CIRCUIT BREAKER. 4-5/8x2 1/2x6 1/2; SHPG. WT: 6 LBS. #13-110, NEW, \$20.

MULTI VOLTAGE POWER SUPPLY; HAS REGULATED OUTPUTS: +12 VDC 500 MA, -12 VDC 500 MA, AND 24 VDC 1 AMP. ALSO 7 VDC 10 AMP UNREGULATED, INTERMITTENT. REG. VOLTAGES ADJUSTABLE OVER SMALL RANGE. INPUT: 115 VAC 60 HZ; 9x5x6, 13 LBS. #LR32605, \$25.

UNUSUAL TUBES for collectors and experimenters. Filaments checked but not guaranteed.

JAN 218 RECTIFIER TUBE, 1/2 wave high vacuum; jumbo 3-pin base. 15 1/2"Hx5" dia \$10.
 MATCHLETT ML-500 HV TUBE, 15 1/2"H x 5" dia. \$12.00
 JAN 705A RECTIFIER, 4-pin base. 5"H x 2 1/2" dia. \$5.
 JAN 715B PULSE AMP TETRODE 4-pin base, similar shape as 705A; 5 1/2"Hx2 1/2" dia. \$6.
 WESTINGHOUSE CL-2 TUBE WITH IN-A-TUBE, 12 1/2"Hx2" dia \$7.

TAYLOR T2-20 zero-bias Class B audio, 20 W plate dissp; 70 W/pair push-pull. 7.5 V fil, 4-pin base. Old--Unused w/data \$4

MAGNETRONS

MAGNETRON TUBES LESS EXTERNAL MAGNETICS. Used, \$24 EA. SPECIFY: 2J26 (2992-3019 MHz); 2J28 (2939-2965 MHz); 2J29 (2914-2939 MHz); 2J39 (3267-3333 MHz); 2J61 (2992-3100 MHz); 2J62 (2914-3019 MHz); 725A (USED IN APS-4 RADAR).
 S-300 TUBE (OPEN FILAMENT), 10" LG. 3" DIA. AS-IS, \$4.

500 MHZ TRANSMITTING TUBE 8012-A TRIODE

DIRECT WIRE FILAMENT: 6.3 V. 1.92 AMPS. MAX. PLATE: 1000 V. 80 MA. 40 W CAP: G-F 2.7; P-F 0.4; G-P 2.5 MU 18; GRID CURRENT 20 MA
 CLASS "C" TELEGRAPHY 35 W W/DATA, UNUSED, TELEPHONY 20W \$2.00 EA. 4 FOR \$6.
 8025 TRIODE, same as 8012 but 4-pin base, \$3.

ELECTRONIC PHOTO-FLASH TUBE R4330 SYLVANIA, OPERATING VOLTAGE 2250, 6 FLASHES PER/MIN 100 WATT-SEC/FLASH MAXIMUM, PEAK LIGHT OUTPUT 12,000,000 LUMENS, INTEGRATED LIGHT OUTPUT 3500 LUMEN SEC. FLASH. \$10 OCTAL CER. SOC. 50#

FIELD TELEPHONES

EE-8 FIELD TELEPHONE, PORTABLE HAND-RINGING MAGNETO TYPE UNIT. OPERATES FROM TWO 10" CELL BATTERIES (NOT INCLD.) TWO OR MORE CAN BE USED IN A TWO WIRE SYSTEM UP TO 17 MILES IN LENGTH. WITH CARRYING CASE AND STRAP. 8x10x3 1/2; 18 LBS. USED, CHKD. \$50.
 TP-3 FIELD TELEPHONE, PORTABLE, SAME AS EE-8 EXCEPT THIS UNIT DOES NOT REQUIRE FLASHLIGHT BATTERIES BECAUSE IT USES A SOUND POWERED HANDSET. SIZE: 8x10x4; 18 LBS. USED CHKD \$55
 H-102 TELEPHONE HANDSET & SIGNALING UNIT FOR COMMUNICATIONS WHERE VOLTAGE IS AVAILABLE FOR OPERATING THE HANDSET AND THE UNIT'S RINGING CIRCUIT. REQUIRES 3 & 6 VDC. SIMILAR TO EE-8. 8x10x4; 15 LBS. USED, CHECKED, \$30.

12 VDC 4 AMP SUPPLIES

STACO SOLID-STATE 4 AMP DC POWER SUPPLIES--NEW--
 #FPS-4, filtered 12 V; 5x3x5 1/2, 5 lbs sh. \$12.95 2/\$22.
 #RPS-4, filtered and regulated 13.8 VDC; 5x3x6 1/2, 7 lbs sh wt. \$18.95 ea. 2/\$35.00

CPS PRECISION HV POWER SUPPLIES, units are potted except for transistor control board and voltage adjust pot; 115 VAC 60 Hz input. With fuse and terminal for test meter. 10x5 1/2x2 1/2, 16 lbs sh wt. Used.
 #CPS-5001P/1651, +4 to 5.25 KV & ma, \$17.95
 #CPS-5001P/1950, 19 KV 50 microamps, \$14.95
 230 VDC TRANSISTORIZED POWER SUPPLY, 115 VAC 60 Hz input; Units marked "200 VDC" but they test at 240 VDC 300 ma. 5x4x5, 15 lbs. #3950, NEW, \$22

LEDEX

LEDEX HEAVY DUTY SOLENOID #S-8210-025, 8-position 45° stroke, 28 VDC starting torque; 5 lb-in @ 35 watts (15 lb-in holding) continuous duty. Upto 32.8 lb-in starting torq. @ 700 watts 1/20 duty. 7S size; 2 1/2" dia x 1-7/8" with 3/8"x3/8" dia. shaft. 4 lbs. Unused, \$4.95



OPEN FRAME, SPDT 5.5-7.5 VAC COIL; CONTACTS RATED 5 A 115 VAC. 1 1/2"x1 1/8"x3/8" UNUSED, \$3.00 ea.

ALLIED CONTROL T25X-18, coil 115 VAC 2580 OHMS. GOLD-PLATED DPDT CONTACTS RATED 5 A 29 VDC. 1 1/2"x7/8"x1-3/8". UNUSED, \$3.00 ea.

4PDT RELAYS, 110 VDC, heavy contacts. 2x2x1 1/2". Removed. #DOX137T, 5000 coil, \$2.00 #DOX137T, 24 VDC 230 A \$1.50

DPDT CERAMIC RELAY, 115 VAC 60 Hz, 10 amp contacts. Various styles; 2x1x1 1/2". #CER-2P-10, used, \$3.95

TIME DELAY/SEQUENCE RELAY, has 3-SPDT & 1-DPDT 12 VDC 6 A. relays. Delay sequence ON/5.5s/5.0s/10 sec. Solid-state w/24 V 1 amp transformer, 250 mfd 50 VDC cap. 115 VAC 60 Hz input. 7 1/2"x3 1/2"x3 1/2", 3 lbs sh. #140-PL197C \$6.95

SIGMA DC RELAYS; OPEN-FRAME, 2 AMP CONTACTS, 1 1/2"x2 1/2"x1 1/2" REMOVED / EQUIP.

#41F500S-SIL, 6 VDC, \$1.00
#41F1000S-SIL 12 VDC, \$1.50

RHEOSTAT CONTROL UNIT FOR HEATED CLOTHING; 100 WATT 5.75 OHM RHEOSTAT MOUNTED IN CONTROL BOX WITH INDUCTOR. KNOB ALSO ON/OFF SWITCH & DUAL LOCKING TYPE SOCKETS FOR INPUT AND CONTROLLED OUTPUT VOLTAGES. SIZE: 5x4x2; WT: 3 LBS. TYPE C-10. UNUSED \$2.95

STEPPING RESISTOR BANK, 100K ohms in twenty 5K steps; 20 W. good foundation for tester. 5 1/2"x3 1/2"x1 1/2" dia shaft. 3 lbs. #2Z7281.3, \$3.95

DIMMER CONTROL TYPE A-4 667498 150 OHM 50 WATT 2 1/2" MTG. HOLES, W/KNOB 2 LBS. \$2.50

E-T-A CIRCUIT RESET push switches, type 45-700-P. Fits into 3/8" hole; requires 2" depth. O/A 1 1/2"x2 1/2"x3/4"; Used. 250 VAC 5 amp, \$2. 15 A, \$2.50

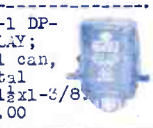
MAGAZINES

We carry current issues of these magazines: **Q** \$2.00, **ST**, \$2.50, **73**, \$2.95, **Ham Radio** \$2.50, **BYTE** \$2.50, **Kilo-Microcomputing**, \$2.95. Some back issues available.

OAK ROTARY SELECTOR 12-24 VDC; uses wafers w/1/4" hole spacing. Daven shorting and 12-pole shunting switch on first deck plus two decks progressive shunting (contacts not progressive). Also 2 1/2" extension for manual operation. 1 1/2"x1 1/2"x3 1/2". OAK #631595 new \$3.50



P&B KR-4175-1 DP-DT FLATE RELAY; sealed metal can, requires octal socket. 2 1/2"x1 1/2"x3/8". Unused, \$2.00



P & B 3PDT PLUG-IN TYPE RELAY WITH 24 VDC COIL. 120 VAC 10 A. CONTACTS. #KUP14015, w/Socket, \$2.95

AC CONTROL RELAY, 120 VAC COIL; SPST N. OPEN 10 A. AND SPST N. CLSD. 10 A. CONTACTS. SEALED CAN, SOLDER TERM. 3 STUD MTG. 2 1/2"x1 1/2"x1 1/2". #7321/6717, \$2.50

LOW CURRENT RELAY, 13 V. MIN. 2500 OHM SPDT 10 A. CONTACT; USABLE F/ALARM CIRCUIT W/LOW STANDBY CURRENT 2x2x1; P&B#LN-1600-1 \$3.95

RHEOSTATS

RHEOSTAT VALUES: FIRST SET OF NUMBERS AFTER RHEO-PREFIX IS THE WATTAGE. YOU INDICATE DESIRED OHMS IN SECOND SET. SCD= SCREWDRIIVER ADJUST.

#RHEO-25W-(ohms), \$1.25	1	2	5	6	10
	12	15	25	35	50
	55	60	75	100	125
	130	164	174	200	250
	300	350	400	500	600-SCD
	1K	1500	2500	2500	5000

#RHEO-50W-(ohms), \$1.75 ea	1	2	6	8	5	10
	12	15	16	17	20	20
	25	30	35	40	45	45
	50	60	75	90	100	100
	124	150	200	225	350	350
	500	2.5K	5K	10K	220	220

#RHEO-75W-(ohms), \$2.25 ea	10	15	25	75
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#RHEO-100W-(ohms) \$2.75 ea	3	5	7.5	20	64
	100	350	500	3K	3500-3CD

#RHEO-150W-(ohms) \$3.50 ea	15	16	25	750	2/245-35
	300	W	32	ohm,	chipped \$6.

AIRPAX UF11-11-676 65 VDC 45 A; delay 51, trip 56.25 A. 3 1/2"x3 1/2". NEW \$3.

#UPG1-1RE02, 65 VDC 1.25 amps; delay 51, trip 1.57 amps. Aux switch 10 amp 250 VAC. 2 1/2"x2 1/2", \$3.00

AIRPAX 112R, 240 VAC 60 Hz 10 amp; delay A spec, \$5.00

STEPPING SWITCH 115 VAC 60 Hz ratchet-type unit that can be wired to make upto seventeen contacts with electric reset. Size: 4 1/2"x3 1/2"x2 1/2", 2 lbs sh. Miller #1093288 \$2.95



CRYSTALS

FT-241 CRYSTALS f/BC-604, 684; channels 0-79. No choice 3/1. Choice \$1.50 200 KHZ FT-241 XTAL, \$3.50

1000 KHZ CRYSTAL, temp. coeff. 0.0001% (+10 Hz/°C. Octal base; f/BC221-TS323-1M21 freq. meters. Socket wiring may be changed. \$12.

JK-02 CRYSTAL OVEN FOR CR-26 CRYSTALS. OPERATES FROM 6.3-24.2 V. AC/DC, OCTAL BASE. MOTOROLA #251B1001 FOR ONE CRYSTAL AS USED IN R-394-257 RECEIVERS. \$1.95

MOTOROLA #251B1003 FOR TWO CRYSTALS AS USED IN T-278-208 ETC. TRANSMITTERS \$2.50

CIRCUIT BREAKER

AIRCRAFT CIRCUIT BREAKERS, 24 to 30 VDC. AN-3160 is toggle style. AN-3161 push-button type. Removed.

AN-3160	10, 15, or 20 amps,	\$1.50 each.
AN-3161	5, 10, 15, or 20 amps,	\$1.00 each.

HEINEMAN MODEL AM12HK, 2 1/2"x2 1/2"x2 1/2" 12 VDC 3 A \$1.25 50 VDC 3 A \$1.35 50 VDC 40A \$1.50 115 VAC 60 Hz 1.5 A, \$1.00 AM1516HK, 100 amps 50 VDC Cur. 3; 4x3 1/2"x1. Used \$4.00

115 VAC 60 HZ CIRCUIT BREAKERS by Heineman; 2 1/2"x2 1/2"x2 1/2" #3H900-1 1.25 A \$1.00 #3H900-3 3 amps #3H900-4-5 DEPT 4 A; 5 1/2"x3 1/2"x2, used, \$1.95

HEINEMAN JAZ-AB-A, 240 VAC; hold 17 A, trip 21.25 A. \$2

HEINEMAN CD2 type CIRCUIT BREAKERS, ganged two pole; 4 1/2"x2 1/2"x2 1/2" 2 lbs. NEW

#CD2-Z10-1, Rt 0.035 A DC Cur P. Lt 68 A 270 VAC 60 Hz Cur 3.	\$4.00
#CD2-Z74-2, 10 A 132 VAC 60 Hz T.D. 2; 125 A 10 VDC T.D. 3.	\$4.25
#CD2-A3-DU, two 18 amp 240 VAC T.D. 1.	\$4.50

P&B #375-207-101, 7 amp 250 VAC or 32 VDC max. Recessed button. 1 1/2"x1 1/2"x1 1/2". NEW, \$1.25

SCANNERS

Books for scanner enthusiasts from CRB Research by T. Kneitel. **AIR-SCAN**, directory of aero band (108-136 Mhz). **ENERGY-SCAN**, directory of energy industry frequencies. **THE "TOP SECRET" REGISTRY OF U.S. GOVERNMENT RADIO FREQUENCIES**, surveillance & "sensitive" frequencies. **FEDERAL FREQUENCY DIRECTORY, 2-420 Mhz Inclusive** by R. Grove. Comprehensive listing by frequency, agency, and location of unclassified gov't channels. \$14.95

BOOKS & TECH MANUALS

\$3.00 each	\$5.00 each
AM-598	FP-1175
FP-867-868	FU-143C
-869	RD-60
FP-281-282	AN/33C-1
-484	I-208
FP-846	AN/PDR-27
DY-92-98-100	
ARC-27 O.I.	
ARN-59 O.I.	

\$7.50 each
BC-312-342
BC-605-604
BC-683-684
BC-652-653
BC-659
BC-620
BC-1000
BC-1335
AN/FRC-6
PRC-9A-10A
AN/GRK-5
R-108-109
-110
R-257
R-394
T-278-416
AN/ARN-12
AN/CRT-3

FCG-80 & 21 contains TT-98, -99, -100 and PP-978, \$10.

REPRODUCTIONS of schematics \$1.50 and up. WHITE.

SCHEMATICS

TEST EQUIPMENT MANUALS

AN/TM-1 repro	\$10.00
AN/URM-25D repro	10.00
AN/URM-25F repro	10.00
AN/URM-26B repro	12.00
33-12/URM-48 repro	12.00
TS-403/URM-61 repro	12.00
3G-3/URM-70 repro	10.00
FR-5/URM-60	7.50
TS-510/USM-44 repro	10.00
AN/USM-50 repro	10.00
AN/USM-105 repro	17.00
AN/USM-116 repro	10.00
AN/USM-117 repro	15.00
AN/USM-140 repro	17.00
FR-149/USM-159 repro	10.00
BC-221 f/most models	7.50

Reproductions \$8.50 each:

ME-6D	ME-26	Q3-8
S3-92	TS-148	TS-352
TS-375	TS-382	TS-433B
TS-497B	TS-505	TS-1060
TV-7/U	TF-173B	
TV-2 or TV-10A,		\$10 each.

TEC CA \$8.50	TK G \$6.00
H 6.00	W 6.00
1A1 7.50	1A2 7.50
1A4 7.50	1A5 7.50
82 8.50	130 6.00
131 6.00	132 6.00
453 8.50	556 8.50

HICKOK 1805 repro \$15.00

TOOLS & TECHNIQUES FOR ELECTRONICS by A.A. Wicks; deciding the tool and technique for the job, \$4.95

TI SEMICONDUCTOR MEMORY BOOK (1975), 272 pp, \$1.00

ARRL BOOKS

ANTENNA BOOK, theory and instruction on antennas, \$5.
ANTENNA ANTHOLOGY, articles from QST on antennas, \$4.
LICENSE MANUAL, a study guide for the novice, \$4.00
UNDERSTANDING AMATEUR RADIO, an introduction, \$5.00
A COURSE IN RADIO FUNDAMENTALS, structured intro. \$4.
OPERATING GUIDE, \$4.00
HINTS & KINKS, \$4.00
FL & REPEATERS f/QST, \$4.
SINGLE SIDEBAND f/QST, \$4.
RADIO FREQUENCY INTERFERENCE, \$3.
L/C/F CALCULATOR \$3
TUNE IN THE WORLD OF HAM RADIO, wkbook & cassette, \$7.
BASIC BOOK OF HAM RADIO, \$7.
WEEKEND PROJECTS, \$3.00
ELECTRONICS DATA BOOK, circuit collection f/radio, \$4.

TAGS: All manuals include maintenance info & schematic unless noted otherwise. O.I. Operating info only N.S. No schematic repro w/Partial reproduction w/operating, maintenance info & schematic

AN/ARC-5 BANCH TEST and ALIGNMENT, covers necessary info to align R-23A, R-148, R-25-26-27 receivers; T-18 thru T-22mitters; and MD-7 modulator. w/schematics; repro. \$7.50	
AN/ARC-27-55	\$15.00
AN/ARC-38 repro	17.00
AN/ARC-38A repro	20.00
RT427/ARC-39 repro	10.00
AN/ARC-44	8.50
ARC-60 (R19-CV431)	8.50
ARC TYPE 12 including R-10-11-15-19, T-11-13, and related equip.	8.50
AN/ARN-30 repro	10.00
R-048/ARR-41 repro	15.00
AN/ART-13 transmitter only, repro	12.00
AN/AFR-4 repro	10.00
AN/ARC-9	8.50
AN/ARC-10	8.50
AN/ARC-19	10.00
AN/ARC-55 (ARC-14 including R80B/T631/EP1171 \$50	
AN/ARC-1 (T-14, R-19, and AM-8 pwr amp)	8.50
AN/TRC-8 (TS0/R-48)	8.50
AN/VRC-19 (R-394, T-278, DY93-98-100 PB867-9	8.50
BC-AS-229	7.50
BC-348-J-N-Q repro	10.00
BC-348-K-L-R repro	10.00
SC-624/625 repro	12.00
BC-639 repro	8.50
BC-669 repro	8.50
BC-779/1004	10.00
CV-157 repro	15.00
CV-591 (MSR-4) repro	8.50
R-140 (HRO-5) repro	10.00
R-220/UR-29	10.00
R-274 repro	12.00
R-388 (51J3) repro	10.00
R-390 repro	15.00
R-390A maintenance	12.00
R-392 repro	12.00
SP-600-JX repro	10.00
T-195	8.50
TC3-12 repro	12.00

U.S. ARMOR COMMUNICATIONS ELECTRONICS DATA (book), July 1973; descriptions of mil-radio equipment, \$3.00

THE CHALLENGE OF 160 by S1 Dunn; geared to the amateur who wishes to successfully work 160 meters. NEW, \$4.95

RTTY from A to Z, \$5.00
NEW RTTY HANDBOOK, 3.95

THE LOW & MEDIUM FREQUENCY RADIO SCRAPBOOK by W2LMB, \$6.95; ADDENDUM 77/8 \$3.95

1981 RADIO AMATEUR'S HANDBOOK \$10
SOLID STATE BASICS f/amateurs \$5.
SOLID STATE DESIGN f/amateurs \$7.

VINTAGE RADIO

VINTAGE RADIO 1897-1929, pictorial story of radio's early years; 1000+ pictures and commentary, 263 pp. Softbound, \$9.95; Hardcover \$12.95
A FLICK OF THE SWITCH 1930-1950, sequel w/TV, \$9.95
1921-1932 RADIO COLLECTOR'S GUIDE, listing of over 9000 radios, 1100 mfgs; 263 pp. Softbound, \$9.95
MOST-OFTEN-NEEDED 1926-1938 RADIO DIAGRAMS, reprint of Beitman's book of 600 old radio schematics, \$7.95

225-399.9 MHZ RECEIVER



R-278 RECEIVER, 225 to 399.9 Mhz AM; crystal frequency control for 1750 channels in 100 KHz steps; ten preset channels. Audio freq response: 200 Hz-20 KHz (wide), 200-5 KHz (narrow). Has AVC, squelch, and 44 tubes; unutilized chassis, rackmount. 12 1/2 x 19 1/2 x 20, 115 lbs sh wt. Used, less guard channel, repairable, \$150.00 MANUAL, partial repro, \$15. Schematic, \$2.50

Used, less guard channel, repairable, \$150.00 MANUAL, partial repro, \$15. Schematic, \$2.50

R-648/ARR-41 RECEIVER

R-648/ARR-41 RECEIVER 190-550 KHz and 2-25 Mhz AM-CW in five bands. Mechanical digital-type tuning in 1 KHz steps. 500 KHz final IF; mechanical filters 1.4 and 6.0 KHz. Controls for BFO, sensitivity, broad-sharp voice or CW, and dial lock. With tubes 2/5726, 7/5749, 2/5750, 2/5814, 5654, 5686, 6AU6, and OA2. Requires 24 VDC 4 amps input for dynamotor. 7 1/2 x 16 x 13 1/2, 35 lbs sh. Used, repairable, \$145.00; Checked, \$205.00 MANUAL, partial repro, \$15. Schematic, \$2.50 Power input connector, \$3.00 w/set purchase.



BC-348 RECEIVERS



BC-348 RECEIVER, 200 to 500 KHz and 1.5 to 18 Mhz AM and CW in six bands. FEATURES CRYSTAL FILTER, MANUAL and AUTOMATIC VOLUME CONTROL, and BFO. INTERMEDIATE FREQUENCY: 915 KHz; OUTPUT IMPEDANCE: 300 OR 4000 OHMS. "Q" or "R" MODELS SHIPPED ACCORDING TO AVAILABILITY. TUBE LINE-UP VARIES AMONG MODELS. SOLD LESS THE DYNAMOTOR POWER REQUIRED: 220 VDC 70 MA and 24 VDC. SIZE: 18x10 1/2 x 9 1/2; SHPG. WT: 44 LBS. PRICE: USED, REPAIRABLE, \$75. CHECKED, \$99.50 GOV'T RECONDITIONED, CHECKED, \$125.

CW-28 DYNAMOTOR, 28 VDC 2 AMPS, USED, \$8.95 115 VAC 60 HZ POWER SUPPLY w/SPEAKER, \$27.00 PL-103 CONNECTOR PLUG F/REAR OF REC., 2.50 MANUAL FOR BC-348-Q OR -R, REPRODUCTION, \$10.

100 KHZ OVENS



100 KHZ CRYSTAL OVENS, 115 V heater for 65 C oven; thermally isolated and shielded with 65 C crystal thermometer Removed from frequency counters, 3 lbs sh. #100KHZ/AM-100 w/100 KHz glass bulb xtal, assembly has octal output, \$15.00 #HP-GG9B-2 w/Knight octal base xtal, \$20.00

750 W TRANSMITTER



IMC GPT-750 SSB TRANSMITTER, 2 to 32 Mhz continuously tuned. Provides 750 watts AM, 750 W PEP-SSB and 1000 W CW and FSK. Same as AN/URT-17. Requires 115/230 VAC 50-60 Hz. 47x34x27, 750 lbs sh. Used, w/dummy panel-no exciter, \$450

TRANSCIEVER R.F. TUNER FOR COLLINS 618S-1. THIS SUBASSY. CONTAINS 1ST & 2ND R.F. AMP, 1ST & 2ND REC. MIXER, 1ST & 2ND TRANS. MIXER, I.F. AMP. DISCRIMINATOR, MULTIPLIER and 2 DRIVER CIRCUITS. WITH TUBES 2/5654, 3/5749, 4/5750 & 2/5686. TUNING IS DONE BY THE SLUGS MOVING IN AND OUT OF THE COILS, FREQ. RANGE 2-25 MC SIZE: 8x7x6 1/2; WT: 10 LBS. #5821-547-5718/618S-1 PRICE: USED \$14.95



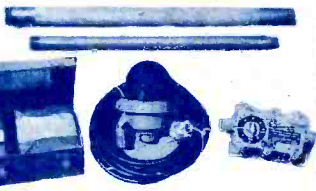
ANTENNA COUPLER



CU-656 ANTENNA COUPLER, HANDLES UP TO EIGHT RECEIVERS IN THE 2-32 Mhz RANGE. GAIN: 0 TO 3' DB. NOISE FIGURE: 6 DB OR BETTER. HAS 0-50 MICROAMMETER TEST INDICATOR and CIRCUIT SELECTOR SWITCH ON FRONT. 70 OHM INPUT; TYPE C CONNECTIONS. WITH TUBES 20/6922 and 0B2. POWER REQUIRED: 115/230 VAC 50-60 HZ. SIZE: 7x19x16 1/2; SH WT: 40 LBS. USED, REPAIRABLE, \$50.00

INFRARED BEACON

US/X9B NAN INFRARED BEACON, originally used on landing craft or on shore for clandestine signaling. System consists of gray painted brass lamp assembly with 100 watt 12 VDC bulb and 4 1/2" dia. X 4" high infrared glass dome, control box with manual signaling key. (provision for automatic key), two section brass and wood 63" mast, 25' power cable, and steel spares box containing extra bulb, dome, and hardware. Infrared-sensitive optics required for detection of this beacon. Instruction book included. Stored by gov't. since 1945. Re-boxed in two 27 lbs cartons. Unused \$29.95



RT-311 TRANSCIEVER

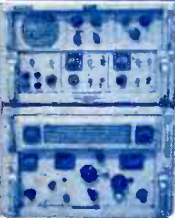


RT-311/ARC-38 AM TRANSCIEVER, 2.0 to 25 Mhz from 20 preset channels. Frequency interval: 500 Hz (2.0-7.25 Mhz) and 1000 Hz (7.25-25.0 Mhz). Has autotune from channel to channel. Minimum peak output 100 watts (2-14.25 Mhz), 90 watts (14.25-25 Mhz). Antenna tune power: 50 watts. 40 db carrier suppression. Receives AM or CW; sensitivity 5 uv for 6 db signal (phone). Selectivity: 7.5 KHz min w 6 db, 20 KHz max w 60 db or 1.8 KHz min w 6 db, 5 KHz max w 60 db when in CW sharp position. Unit has VFO and 25 tubes including three 6159's in power amp. Requires 28 VDC, 600 VDC, 250 VDC, -50 VDC, -65 VDC and 6.3 VAC. Also 115 VAC 400 Hz for selsyn on PA inductor. 15 1/2 x 8 x 23 1/2, 65 lbs sh. Used, not checked, \$85.00 MANUAL, partial repro, \$15. w/set purchase. COLLINS 618S-1 TRANSCIEVER, similar to RT-311/ARC-38 but without VFO. Crystal-controlled AM receiver, \$54.50. Schematic, \$3.00 618S-1/MC TRANSCIEVER, modified for SSB by RCA, xtal-controlled, \$99.95. Schematic, \$8.

RT-594/ARC-38A SINGLE SIDEBAND TRANSCIEVER, similar to RT-311/ARC-38 except has SSB capabilities. Used, not checked. \$145.00

RT-311/ARC-38 or RT-594/ARC-38A replacement modules removed from sets. Write your needs.

2-32 MHZ SSB RECEIVER



AN/FRR-59A TRIPLE CONVERSION SSB RECEIVER WITH FULL CARRIER SUPPRESSION FROM 2 TO 32 Mhz IN FOUR BANDS: (2-4) (4-8), (8-16), and (16-32) Mhz. RECEIVES LSB, USB, AM, CW, and MCW SIGNALS; LSB and USB RECEPTION POSSIBLE SIMULTANEOUSLY OR SEPARATELY. INCREMENTAL OR CONTINUOUS DIGITAL TUNING IN 0.5 KHz STEPS. INTERMEDIATE FREQUENCIES (IF): 1625-1725 KHz, 220 KHz, and 80 KHz. BUILT-IN 1 Mhz CRYSTAL CALIBRATOR. AF LINE OUTPUT: 60 MW INTO 600 OHMS (MIN.); PHONE OUTPUT: 15 MW INTO 600 OHMS (MAX.). RECOMMENDED ANTENNA TERMINAL IMPEDANCE: 50 OHMS. USES 7- AND 9-PIN 6.3 V GLASS TUBES. POWER REQUIRED: 105-125 VAC 50/60 HZ (250 WATTS). SIZE: 25 1/2 x 22 x 24; SHPG. WT: 300 LBS. NET WT: 250 LBS. PRICE: USED, REPAIRABLE \$375. CHECKED, \$475.

AM-777 AMPLIFIER-DETECTOR, PART OF RT-128A/ARC-21 (2-24 Mhz) TRANSCIEVER. 1ST IF-1800 KHz; 2ND IF-300 KHz. REQUIRES 1800 KHz SIGNAL INPUT and 500 KHz INPUT FOR MIXER and TRIPLES STAGES. SLUG-TUNE ADJUSTMENT. WITH TUBES 4/5636, 3/5896, 3/5899, 3/6021, 5840, 5902, and 5719. SCHEMATIC INCLD: 13 1/2 x 23 1/2, 5 LBS. SH. \$10.00



1700-2400 MHZ RECEIVER

R-418/TRC-29 MICROWAVE RECEIVER WITH PP-690 AC POWER SUPPLY. FREQUENCY RANGE: 1700-2400 Mhz FM UTILIZING 27 PRESET CHANNELS. IF=120 Mhz; VIDEO OUTPUT: 30 Hz to 4.5 Mhz, -3 to +7 DBM, 158-500 MV-RMS. NOISE FIGURE: 14-16 DBM. 50 OHM ANTENNA INPUT. HAS TWO METERS FOR CIRCUIT TEST and ALIGNMENT PROCEDURES. RECEIVER USES 68M6 KLYSTRON OSCILLATOR and 28 OTHER TUBES. POWER SUPPLY HAS 18 TUBES. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 19 1/2 x 19 1/2 x 19 1/2 (R-418); 12 1/2 x 19 1/2 x 19 1/2 (PP-690). SHPG. WT: 200 LBS. Unused, \$165.00



***** BC-610 TRANSMITTER, 2-18 Mhz CW, voice, RTT. Output: 400 W CW, 300 W voice. 115 VAC 50-60 Hz 2000 W power required; 450 lbs sh. Sold less tuning units, coils, 250TH PA tube and two 100TH modulator tubes. Used, \$400.00

AIRCRAFT TRANSCIEVER

RT-524M AIRBORNE TRANSCIEVER

mfg. by Aircraft Radio; covers 136.00 to 149.95 Mhz AM in 50 KHz crystal-controlled steps. 15 watts output. Has volume and squelch controls. Requires 24 VDC 6 amps. With tubes 8156, 2/8102, 6/6CW4, and 2/7587. Schematic not available. Size: 6 1/2 x 3 1/2 x 14; 10 lbs. sh. Used, no cover, \$54.95



REFERENCE GENERATOR

SG-323/TSM REFERENCE SIGNAL GENERATOR, USED IN DATA COMMAND SYSTEMS OF FLIGHT COMPUTERS. HAS 69 DIODE-TRANSISTOR LOGIC CARDS WHICH IN TOTAL CONTAIN OVER 300 2N404 TRANSISTORS.



Also 32 DATA ENTRY SWITCHES PLUS SWITCHING FOR 16 PRESET MESSAGES. A AND B CHANNELS HAVE ODD-EVEN SELECTORS; EIGHT ADDRESS SWITCHES PER CHANNEL. TEST DISPLAY HAS INDICATOR LIGHTS NUMBERED 1, 2, 4, 8, 16, 32, & 64. OPERATING MODES: EXT AUTO, INT AUTO, and MAN. MANUAL MODE SELECTION: 5 KC, NORMAL, or ONE SHOT. IN ALL, 67 MINIATURE TOGGLE SWITCHES (MOSTLY SPDT) ARE USED. RCA MFG. POWER INPUT NOT KNOWN. SOLD AS "RECEIVED FROM GOV'T. NOT CHECKED FOR OPERATION." SIZE: 19x7 1/2 x 16 1/2; SHPG. WT: 65 LBS. USED. PRICE: w/CABINET, \$55.00; LESS CABINET, \$50.



AM-1955/GRC AMPLIFIER CONVERTER USED WITH R-1148/GRC-55 RECEIVER FOR 600-1000 Mhz BAND. 17 Mhz IF. HAS 115 V 60 HZ MOTOR AS PART OF AFC SYSTEM. WITH TUBES 2C40A, 2/5842, 5654, 1N21B, 1N21WE. 150 VDC AND 6.3 VAC REQUIRED. SIZE: 15x9 1/2 x 8; 30 LBS. SH. USED, \$50.00

Size: 15x9 1/2 x 8; 30 LBS. SH. USED, \$50.00

2.8-3.0 MHz OSCILLATOR



OSCILLATOR-AMPLIFIER ASSEMBLY with 726B klystron and two 717A tubes that were designed to be used in the 2800-3000 Mhz range. No further information available. 6x5 1/2 x 4, 7 lbs sh wt. Western Electric #D-150815, unused, \$18.



ROLLER INDUCTOR ASSEMBLY with motor drive. 3.4" long x 1.75" dia. coil; 28 turns #18 wire. Approx. 14 uhy with center tap. 115 VAC 400 Hz 20 watt motor turns the coil. Originally used to automatically resonate an antenna to a transceiver's frequency. O/A 4 1/2 x 2 1/2 x 3 1/2; 5 lbs. sh. #T301/CU-991, \$14.95

AM-FM TUNER

AM-FM TRANSISTORIZED TUNER, 5 TRANSISTOR 4-DIODES WITH AVC AND AFC. CONSISTS OF RF OSCILLATOR, IF, DETECTOR STAGES. REQUIRES 9 VDC. NOT GUARANTEED OPERABLE. UNUSED WITH SCHEMATIC AND HOOKUP DIAGRAM. 4 1/2 x 3 1/2 x 1 1/2 BC-CD-34 TUNER \$2 EA.; 3 FOR \$5.



RECENT COMPUTER SURPLUS TRANSISTOR BOARDS
BOARD #1: 100+ TRANSISTORS, PLUS DIODES, 1/2 WATT RES., INDUCTORS, TRIMPOTS, CAPS. 6"x8".
4 EA. #1, \$3.00
BOARD #2: 50+ TRANS., RES., CAPS., ETC. 5"x7".
5 EA. #2, \$1.50
BOARD #3: 150+ SILICON TRANS., ETC. 4"x6".
4 EA. #3, \$3.00



VFO - EXCITER - MOD

VFO-MASTER OSCILLATOR FROM THE T-195 TRANSMITTER; GENERATES FREQUENCY OF 1.5 TO 3 MHz. HAS 5749 OSCILLATOR TUBE AND 5749 BUFFER-AMP TUBE. WITH 3/16" DIA. SHAFT. 2 1/2 x 3 1/2 x 7, WT: 5 LBS. VFO/T-195, REMOVED F/EQUIPMENT, \$7.95



EXCITER STAGE FROM T-195, USED TO AMPLIFY VFO OUTPUT AND SUPPLY DESIRED TRANSMITTING FREQUENCY TO POWER AMP. SLUG TUNED IN RANGES (1.5-3), (3-6), (6-12), AND (12-20) MHz. WITH TUBES 6AU6, 2/6AK6, AND 5763. SIZE: 4 1/2 x 3 1/2 x 8, 12 LBS. EXC/T-195, \$14.95



MODULATOR F/T-195, DESIGNED TO PROVIDE PROPER AUDIO POWER TO MODULATE POWER AMP AND SUPPLY SIDETONE. 300 Hz AND 3500 Hz BANDPASS. W/TUBES 5726, 2/12AT7, 5814. LESS 4X150 TUBES AND SOCKETS. 8 1/2 x 6 x 4 1/2, 6 LBS. \$10.95



TRANSISTOR RADIOSONDE

TRANSISTORIZED RADIOSONDE WITH CLOCKWORK TIMING MECHANISM (NO KEY); USED IN METEOROLOGICAL OBSERVATION OR SIMILAR APPLICATIONS REQUIRING AN EXTREMELY LIGHT-WEIGHT TRANSMITTER. UTILIZES A 2-TRANSISTOR MODULATOR AND A 2-TRANSISTOR TRANSMITTER CIRCUIT. TRANSMITTER HAS A 7533 INTEGRAL CAVITY TUBE WHICH FUNCTIONS AS THE TUNED CIRCUIT FOR THE OUTPUT: 1660-1700 Mhz, 575 MW (NO FURTHER DATA). WITH HUMIDITY ELEMENT. TRANSMITTER SIZE: 2 1/2" DIA. X 6"; OVERALL SIZE: 7 1/4 x 4 1/2 x 5 1/2. SHPG. WT: 4 LBS. FRIEZ #3002, UNUSED, \$9.95



T-69F/AMT-2 RADIOSONDE TRANSMITTER ONLY. F-2 EMISSION (FM) 390 TO 410 MC RANGE WITH TUBES 5703 AND 5910. REQUIRES BB-208 DRY CELL BATTERIES (SOLD SEPARATE). SIZE: 6 1/2 x 5 1/2 x 2 1/2 WT: 2 LBS. \$1.50
BB-208 DRY CELL BATTERY SET WT: 1 LB. \$2.00



TCS RECEIVER



NAVY TCS RECEIVER COVERS 1.5 TO 12 MHz AM IN THREE BANDS; CONTINUOUS TUNING OR FOUR CRYSTAL-CONTROLLED CHANNELS. AUDIO OUTPUT: 1.5 MW INTO 500 OHM LOAD. WITH TUBES 2/12A6, 12SA7, 3/12SK7, AND 12SQ7. POWER REQUIRED: 220 VDC 100 MA AND 12 VDC SIZE: 11 1/2 x 11 1/2 x 13 1/2; SHPG. WT: 42 LBS. NET: 37 LBS. PRICE: USED, REPARABLE, \$19.95 CHECKED, \$30.00

TCS ACCESSORIES

TRANS. ANT. LOADING UNIT	USED	14.95
DYNAMOTOR P.S. F/REC & TRANS. 12V		14.95
REC. TO P.S. CABLE		4.95
TRANS. TO P.S. CABLE		4.95
CONTROL BOX TO P.S. CABLE		4.95
CONNECTOR PLUGS FOR ANY OF UNITS, EACH		2.00
MOUNTING BASE W/ SHOCK MOUNTS		4.75
SHOCK MOUNTS ONLY	EACH	.75
NOISE LIMITER CONVERSION KIT F/REC		3.00
AC POWER SUPPLY 115 VOLT 60 HZ TRANS.		40.00
REC. ONLY W/SPEAKER		

FOR MORE INFORMATION PLEASE WRITE

BENDIX TRANSMITTER

BENDIX TA-12B TRANSMITTER, 40 WATTS OUTPUT CW, MCW, AND PHONE FROM 300 TO 600 KHz AND 3000 TO 7000 KHz. EACH OF THE FOUR CHANNELS HAS ITS OWN OSCILLATOR, OSC. TUNING, AND LOADING. 0-5 RF AMMETER MONITORS ANTENNA CURRENT. WITH TUBES 4/12SK7 AND 3/807. ORIGINALLY USED WITH MP-288 24 VDC 15 AMP DYNAMOTOR-MODULATOR (NOT AVAILABLE). POWER REQUIRED: 24 VDC 3 AMPS, 260 AND 400 VDC EXTERNALLY MODULATED. SIZE: 10 1/2 x 15 x 11; WT: 40 LBS. USED, \$39.50



ELECTRO-GUARD SENSOR

ELECTRO-GUARD ALARM, "senses" tampering with protected object. Utilizes the loading of a tuned oscillator (about 30 KHz) to detect touch. The item to be protected (which must be metal) functions as an antenna and the circuit is tuned. Once the item is touched, the circuit is detuned, tripping a relay. The relay could activate sirens or horns, lights, or cameras. Unit also has continuity circuit for perimeter or fusible link fire alarm. With tuning meter, switches for test-alarm and moment-lock-delay, four relays, two tubes, and one transistor. Requires 115 VAC 60 Hz. 9 1/2 x 12 1/2 x 12 1/2



ANTENNA TUNER

BC-939/TN-339 ANTENNA TUNER, used with 400 watt 2-18 Mhz BC-610 transmitter. Tuner covers range in bands 2-10 Mhz and 10-18 Mhz using two 100-turn counters and one 10-turn counter. Has three variable inductors, one each rated 103 uhy, 13.8 uhy, and 1.3 uhy. Also has 0-15 RF ammeter 3 1/2" dia. and two fixed vacuum capacitors one rated 12 pf 20 KV, the other 55 pf 32 KV. Use the tuner as-is or adapt its components. Units may be gray or black. 11 1/2 x 14 1/2 x 23 1/2, 75 lbs sh. Gov't. reconditioned. \$100.



GRAB BOX ASSORTMENT OF USED AND UNUSED MANUFACTURERS AND GOVERNMENT SURPLUS ELECTRONIC PARTS SUCH AS ASSEMBLIES, MOTORS, COILS, TRANSFORMERS, CHOKES, CIRCUIT BOARDS, CAPACITORS, RESISTORS, AND OTHER USABLE ITEMS. PACKED IN 50 LBS. CARTONS, \$7.50 EA. OR TWO CARTONS FOR \$13.00.
SHIPPED VIA UPS WITH FREIGHT CHARGES VARYING FROM \$5 TO \$16 PER CARTON. ALLOW FOR FREIGHT.
GRAB BOX IS GOOD FILLER TO TAKE ADVANTAGE OF MOTOR FREIGHT 150 LBS. MINIMUM WEIGHT RATES.

DIGITAL DISPLAY



DIGITAL DISPLAY: EACH UNIT WILL SHOW NUMBERS 0 TO 9 ALSO \$ SIGN 3-3/16" HIGH ON 3 1/2 x 4 SCREEN THAT CAN BE SEEN FOR QUITE A DISTANCE. OPERATES FROM 6.3 VAC. CAN BE ADAPTED FOR BASKETBALL FOUL INDICATOR BY PLACING ONE OVER EACH SCOREBOARD AND HAVE A CONTROL PANEL CONSISTING OF 5 SWITCHES AND TRANSFORMER AT THE SCORER'S TABLE. (WIRING DIAGRAM FURNISHED ON REQUEST) CAN ALSO BE ADAPTED FOR USE AS A MOVING READOUT BOARD. SIZE: 3 1/2 x 5 1/2 x 11 1/2; WT: 7 LBS. PRICES: \$3.95 EA. 3 FOR \$10.00

POWER AMPLIFIER



POWER AMPLIFIER ASSEMBLY removed from 225-400 Mhz transmitter; makes an excellent foundation for your power amp. Has oscillator section with 12AT7, 1st doubler (12AT7), 2nd doubler (4X150), and a push-pull tripler with two 4X150's. Manual controls for crystal select, RF driver w/lock, and PA tuning w/lock. PA-grid and plate currents could be monitored by adding a 200 microammeter and switch. Silver-plated chassis includes heavy duty blower and tubes 3/12AT7 and 3/4X150A (6 v. fil.) 14x10x5, 33 lbs. #PA/TED, w/schem. \$65.

NICAD TEST



AN/USM-63 BATTERY TESTER, includes TS-737 meter and MX-1678 load box. Tests ni-cad batteries with or without load and charging. Range: 1-1.7 VDC using probe; 25.2-34.1 VDC at binding posts. TS-737 (8 1/2 x 4 1/2) is dual range voltmeter with 2.8k load resistor. MX-1678 (14x6 1/2 x 5 1/2) has two 5.6k 300 W resistors in parallel. 18 lbs sh. USM-63; Used, \$30.00.



WPT-2 TRANSISTORIZED WIRELESS AMPLIFIER BY FANON; DESIGNED FOR USE WITH CALL-ORIGINATOR BOX (NOT AVAILABLE) AS A PAGING/INTERCOM SYSTEM WITHOUT LINES. 4 WATTS PEAK. OPERATES FROM 115 VAC 60 HZ AND MUST BE IN SAME AC CIRCUIT AS THE CALLING BOX. USABLE WITH TWO 8 OHM SPEAKERS OR THREE OR FOUR 45 OHM ONES. MAY BE MOUNTED INDOORS OR OUT. SIZE: 4 1/2 x 8 1/2 x 3; SH WT: 5 LBS. UNUSED, W/INFO. 5.95

ACCURAY SWITCH DEVICE

ACCURAY DIGITAL SWITCH, has access key lock that actuates a SPDT switch connected in circuit to a lighted push button "enter" switch. Unit also has four section decimal-coded thumb switch--each section numbered 0 thru 9--and 15" input/output cable with connector. In 8 1/2 x 5 steel case with flange mount. 8 lbs shwt. #ACCU-DS, used, \$12.95



PORTABLE SIGNAL LIGHT

CANADIAN MORSE CODE SIGNAL LIGHT; MIRRORED REFLECTOR TILTED BY TRIGGER IN HAND GRIP; SIGHTING TUBE ON TOP, 4" CLEAR REPLACEABLE LENSES LISTED BELOW. TEN FOOT CABLE & 12 VDC 31 WATT LAMP. CAN ALSO BE USED AS SPOT LIGHT. COMES IN WOOD CARRYING CASE, 9 1/2 x 8 1/2 x 15 LBS. CAN#5A USED \$14.95
EXTRA INTERCHANGEABLE LENSES IN RED, BLUE, GREEN OR CLEAR TINT \$1 EA. SET OF 4 \$3
EXTRA LAMP \$2.00
2 FOR \$25.




Control Boxes Filters Indicators Tuning Units Amplifiers

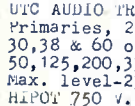
ALARM BELL
OPERATES FROM 24 VOLT D.C.
SIZE: 4 1/2 x 4 1/2 x 2 1/2
WT: 1 LB #561-3
NEW \$1.95



BC-1361 SWITCH BOX
w/bullseye light, 2 water-proof conn 4PST switch, SPST mom. sw., and two binding posts.
6 1/2 x 5 1/2, 2 lb. \$3.




UTC AUDIO TRANSFORMER LS-32
Primaries, 2.5, 5.5, 10, 15, 22, 30, 38 & 60 ohms. Secondary 50, 125, 200, 333 & 500 ohms. Max. level-23dBm 20Hz-20Kc HiPOT 750 v. used \$9.95



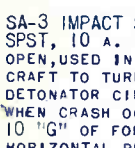
MAGNET #SK-MAG
7" long, 3" high, 2 1/2" wd. 6-3/4 lbs.
Seems to have good power. \$10.00



SB-329 SIGNAL DISTRIBUTION CONTROL BOX
USED W/ARC-44 RADIO SET.
CONTAINS 4 POS. SEL. SWITCH VOL CONT, 2 IND. LITES WITH 327 LAMPS, MINATURE SWITCHES 1/2 x 1/2 3/SPDT, 1/SPDT & 1/DPD 1 1/2 x 1 1/2. SIZE: 2 1/2 x 5 1/2 x 4 1/2; 5 LB
Price: Unused, \$7.95



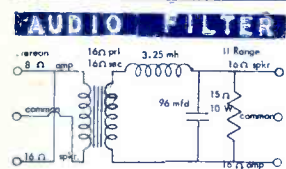
SA-3 IMPACT SWITCH
SPST, 10 A. NORM. OPEN, USED IN AIRCRAFT TO TURN ON DETONATOR CIRCUIT WHEN CRASH OCCURS 10 "G" OF FORCE. HORIZONTAL PLANE. \$1.95 EA.



LS-230 INTERCOMMUNICATION STATION CONTROL BOX
CONTAINS 3 ROTARY 3 POSITION LEVER CONT. SW. 1 LEVER SW. DP DT CENTER OFF, 1 LEVER SW. SPST 1 SIDE, OTHERSIDE SPST MOM. & CENTE OFF. 3 LITE IND. PHONE & MIKE JACK & 1 MIN. TRANSFORMER 50 TO 500 OHM. SIZE: 7 1/2 x 5 1/2 x 2 1/2; 3 LBS. PRICE: \$5.95

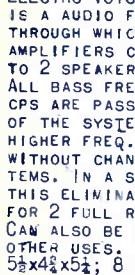


AUDIO FILTER

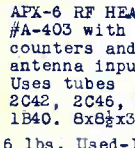


160 pF 100 sec 3.25 mH 11 Range 100 pF
8 n amp 100 pF 10 sec 96 mH 15 n 10 common
100 pF 100 pF 100 pF 100 pF 100 pF 100 pF 100 pF 100 pF 100 pF 100 pF

ELECTRO-VOICE FILTER EVXX3
IS A AUDIO FREQ. FILTER THROUGH WHICH TWO AUDIO AMPLIFIERS CAN BE CONNECTED TO 2 SPEAKER SYSTEMS. ALL BASS FREQ. BELOW 300 CPS ARE PASSED TO ONE SIDE OF THE SYSTEM WHILE THE HIGHER FREQ. ARE PASSED WITHOUT CHANGE TO BOTH SYSTEMS. IN A STEREO SYSTEM THIS ELIMINATES THE NEED FOR 2 FULL RANGE SYSTEMS. CAN ALSO BE ADAPTED TO OTHER USES. #EVXX3F 5 1/2 x 4 1/2 x 5 1/2; 8 LBS. NEW \$2.95



APX-6 RF HEAD #A-403
with counters and antenna input. Uses tubes 2C42, 2C46, & 1B40. 8 x 8 x 3, 6 lbs. Used-less tubes \$9.



ARC-5 BOXES

BC-450 RECEIVER CONTROL f/ tuning upto 3 receivers. W/dials 190-550 Khz, 3-6 Mhz, & 6-9.1 Mhz; CW-off -MCW switches, volume controls, and phone jacks. 9 1/2 x 5 1/2 x 3, 3 lbs. Unused \$8.

C-744/ARC-5 REMOTE TUNER for 190-550 Khz; w/volume control. Use with MC-215 spline; replaces BC-473. 5 1/2 x 2 1/2 x 3 1/2 panel mt. \$8.95

C-38 SELECTOR f/2 MHF and one VHF receiver, R-4/ARR2 receiver, and radio or interphone mic selection.. Volume, pitch, sensitivity controls; CW-Voice switch; R-4 band select; and phone jacks. 9 1/2 x 5 1/2 x 3. Unused \$5.

RM-52 Remote Control used for radio and intercom set. Has transformer, mic & phone jacks. Source for Phone Patch project. 7 1/2 x 3 1/2 x 5, 5 lbs. Used, \$4.

MAR CONTROL BOX, contains 3-SPST switches, two phone & mic jacks (all waterproof) and one dual pot w/dial knob. 5 1/2 x 5 1/2 x 3, 3 lbs sh. #CMX-23429, unused, \$2.00

17 -DOLLAR DAZE- CONTROL BOX w/DPDT, DPST, & SPST switches and 3 pilot lights w/bulbs. \$1.

REMOTE SIGNAL BOX indicates when Xmitter is tuned. W/3 push-to-test lights, DPDT center-off toggle switch, and a 24 VDC relay. 5 1/2 x 4 1/2 x 2 1/2, 4 lbs. sh. #RE-21/ARW-10, \$2.50 ea.

35 CONTACT CONNECTOR MALE #621905 FEMALE #407375 SIZE 2 1/2 x 1 NO COVER \$1.50 PR.

15 CONTACT, POLARIZED 3 LARGE CONT. SIZE 1 1/2 x 2 1/2 AMP #26-150 F/CHASS.#151 W/CO USED \$1.50

PRISM from M4A1 tank periscope. 5 1/2 x 1 1/2 view area. Peak around corners or use to direct light. O/A 6 1/2 x 2 1/2 x 2, 2 lbs. Used \$2.75 2/\$5.

CONNECTORS
PL-58 and JK-37 THREE PRONG PLUG AND JACK. PLUG IS KEYED TO PREVENT INSERTING PLUG BACKWARDS, 2x3x1 1/2

WILLARD PLASTIC STORAGE BATTERY 2 volt 28 amp-hour. Non-spillable; ball indicator. Dry charge; add electrolytic. May have hair-line cracks. 4x5x3, 4 lbs. Repairable \$3.

SYLVANIA LAMP SOCKET STRIP
8 SOCKETS 2 1/2" CENTERS \$1.00 EA
28V LAMP 28PSB 30#EA. 4/\$1

RC-728 RECEIVER FRONT END ONLY; 2-6 MHZ. ANT., R.F., OSC., BAND SW. & PUSH-BUTTON ASSY. FOR 455 KHZ INPUT 4 CHANNELS PRESET FREQ. RANGES (A 2-2.6) (B 2.6-3.5) (C 3.5-4.5) (D 4.5-6.0) NEW 2C4728A/T4W/SCHEMATIC \$5.95

RECEIVER PRE-SELECTOR ASSY. 230-250 F.M. Consists of RF MIXER & OSC. USING SPIRAL INDUCTOR. FOR USE WITH 30 MHZ. I.F. TUBES REQUIRE 2/6AG5 & 1/9002. RE-MOVED FROM R-48 REC. 6x5 1/2 x 4; 5LB LESS TUBES \$5 WITH \$9.00

BB 54
4x5x3, 4 lbs. Repairable \$3.

RUBBER SHOCK MOUNTING

4 lbs	#4	\$4.45
6 "	#6	.50
10 "	#10	.60
12 "	#12	.65
16 "	#16	.75
24 "	#24	1.00
35 "	#35	1.25

OTHER WEIGHTS AVAILABLE.

-A REAL BONANZA
Has MANY ITEMS YOU CAN USE: 14 "tune to max" 300 ua meter; 4-band bandwidth & dial assy; 5-position rotary sw with 1-pos momentary; spin crank for tuning with 10-turn pot; volume control w/3-gangs; five 327 lamps; Loop switch (L or R momentary); SPST toggle sw; and other parts. Originally used in aircraft to tune R101/ARN-6. 6 lbs sh wt. #C423/ARN-6 used \$6; 2/\$10.

ADJUSTO PROFILE TEMPLATE from the good old days. A quality profile gauge with cast frame, 6" brass strips that allow very fine resolution of profile from .007 thick by .07 inch wide. Used in woodworking, metal or wherever exact contour shapes are needed. Sngp 3lb Order--Adjusto Template \$10

EXPLOSION PROOF STEEL BOX FOR INTERPHONE HANDSET; MOUNTED ON REAR OF TANK. HAS HANDSET HOLDER, CONTROL BOX, INDICATOR LIGHT, HEAVY SPRING LATCH, AND CABLE CLAMP. SIZE: 14x10x6 1/2; 35 LBS. SH. #BC-1362, \$6.00

18 CONTACTS 2 1/2 x 2 1/2 x 1 P-2802 PER PAIR \$2.00

35 CONTACT CONNECTOR MALE #621905 FEMALE #407375 SIZE 2 1/2 x 1 NO COVER \$1.50 PR.

15 CONTACT, POLARIZED 3 LARGE CONT. SIZE 1 1/2 x 2 1/2 AMP #26-150 F/CHASS.#151 W/CO USED \$1.50

PLANETARY GEAR ASSY. W/4 1/2", 2", and 1 1/2" D.F.A. STEEL GEARS. ALSO 3" D. MACH-INE BRASS GEAR W/ 2 PRS. 9/16" D. OUTER BRASS GEARS ROTATING ABOUT 1 1/2" D. BRASS CORE GEAR AS SHAFT IS TURNED. \$5

CURRENT TRANSFORMER FOR USE WITH AC AMMETER, MOLDED TOROIDAL CONST 200/115 v 400 CPS CURRENT RATING 500: 0.65 AMPS. 2 1/2 x 2 1/2 x 2 1/2 IN. 4 oz, # 7499 \$.75
SIMILAR TO ABOVE OPEN TOROIDAL. RATING 250: 2 AMPS 400 CPS. WEST. TYPE AVT-15A 3x3x1, 8 oz. \$.75

WATER-ACTIVATED BATTERY BA-316/AM 7.5 and 114 volts. 2 1/2 x 3 1/2 x 3 1/2, \$1.25

BB-600 NI-CAD CELL, 1.2 V 34 amp-hour. 4 1/2 x 2 1/2 x 1 1/2, 2 lbs. Used \$5.95
BB-433 BATTERY, 19-cells total 24 V 34 AH 2 hr-rate 14x10x7, 64 lbs. Used \$85.
BB-652 NI-CAD CELL, 1.2 V 13 AH; 4 1/2 x 2 1/2 x 1 1/2. Used, \$3.

RATE-GYRO No. 8511364 28 volts D.C GYRO MOTOR WITH POTENTIOMETER. WESTERN ELECTRIC GA-10147--3 SIZE: 2 1/2 x 2 1/2 x 4; WT: 3LB. \$8.95

BB-51 BATTERY 6 V. 2.75 hours thru 30A. lead cells. Dry charge. 1 1/2 x 3 1/2 x 7/8, 3 oz. \$1.50

BB-52, same as BB-51 except 36 V. 3 A thru 1200 ohms. \$1.00 ea.
BB-208 BATTERY PACK, contains BB-51, 3/BB-52, \$3.

BB-51 BATTERY 6 V. 2.75 hours thru 30A. lead cells. Dry charge. 1 1/2 x 3 1/2 x 7/8, 3 oz. \$1.50

BB-52, same as BB-51 except 36 V. 3 A thru 1200 ohms. \$1.00 ea.
BB-208 BATTERY PACK, contains BB-51, 3/BB-52, \$3.

SYNTHESIZER IF & AFC DETECTOR ASSEMBLY WITH TWO STAGES 4.5 MHZ IF, ONE STAGE 450 KHZ IF, MIXER TRANSFORMER ETC. W/TUBES 3/5702, 5784, 5829, 5703. TWO UG-1051 COAX CONN., CRYSTAL SOCKET ETC. USED. 9 1/2 x 3 1/2, 2 LBS. RD28105, \$6

VO-6 OSCILLATOR CRYSTAL CONTROL 4.3 MHZ; VARIABLE 0-100 U-V OUTPUT. USED WITH VARIOUS SETS HAVING 4.3 MHZ IF. W/1T4 TUBE. REQUIRES 1.5 AND 67.5 VDC. 5x5x3 1/2, 5 LBS. USED \$8

1-210 ALIGNMENT INDICATOR USED WITH VO-6. HAS 6E5 EYE TUBE FOR INDICATION ALSO CHECKS RESISTANCE TO 50K OHMS AND 0-4.5-6-30 V. REQUIRES 4.5 OR 7.5 VDC AND 60, 90, OR 150 VDC. 5 1/2 x 4 1/2 x 2; 3 LBS. SH. USED \$9

ME-40 MANUAL FOR ABOVE, \$3.

SWITCH ASSY. FUEL LEVEL CONTROL. 24 vdc 3 amp. 7" cylinder, 2 1/2" dia. United Controls N7-1-16 \$10

REMOTE MALFUNCTION ALARM BOX, -12 VDC APPLIED TO TERMINALS ACTUATES 6 V BUZZER. W/2 2500 4 MA RELAYS. USES 4 "D" BATTERIES (NOT INCLD) 5 1/2 x 5 1/2 x 2 1/2; 4 LBS. #E54R1, \$5

KEYBOARD
CALCULATOR KEYBOARD, 17 BUSINESS-SIZE KEYS. EACH SWITCH REMOVABLE; CONTACTS ACCESSIBLE. SP4P SLIDE SWITCH USED, Exc. NCR#0092, \$3.95

KEYBOARD
16 KEY KEYBOARD BY MICRO SWITCH CONTACTS RATED 12V 6MA TO SINGLE COMMON BUS. BUTTONS .5x.5x.2. 0 THRU 9 RESET, DELETE, CARD NO., \$ AMT, PROCESS, FCT. SIZE 3x3x1 #16NW3-44 NEW \$6.95

UNIPULSER
DURANT UNIPULSER II COUNTER, electromechanical type requires 24 VDC pulse; 36 Vrms half wave AC for reset. Has auxiliary low current contacts for remote indication or control. 1 1/2 x 4 1/2 per counter. Unused w/PCB sockets. Bank of three, \$6.00
" " four, \$8.00

VIBRATORS
VIBRATORS removed f/ equip. VB-1 & -7: 6 V. for PP-308, PE-97, -117, -237. \$3.95
VB-12 (6 V.) or VB-13 (12V) for PE-120. \$2.95
3H6690-16, f/PP-112, \$2.95
Vibrators VS-3, G534, VB-8, VB-9 as available, \$2 ea.

BB-51 BATTERY 6 V. 2.75 hours thru 30A. lead cells. Dry charge. 1 1/2 x 3 1/2 x 7/8, 3 oz. \$1.50

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BB-208 BATTERY PACK, contains BB-51, 3/BB-52, \$3.

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BB-208 BATTERY PACK, contains BB-51, 3/BB-52, \$3.

NOISE-VOICE ACTIVATED TRIGGERING DEVICE
WHEN CONNECTED TO 6-9 VOLTS AND A RELAY OF THE SAME VOLTAGE THE RELAY CAN BE ACTIVATED BY NOISE OR VOICE. UNIT CONSISTS OF CRYSTAL MIC. TRANSISTOR, SCR 2 CAP. 3 RES. AND A TRIMMER POT. FOR ADJUSTING SENSITIVITY. W/SCHEMATIC/LESS BATT AND RELAY. SIZE: 1 1/2 x 1; 2 OZ. LEE#5355, \$1.00 EACH.

INDICATOR N-S E-W W/GEAR, TRAIN, INNER & OUTER DIALS COUPLED TO 20,000 OHM 1/2 POT. w/ WITH APA-44. 3 1/2 x 4 1/2 x 5 1/2; 1LB
N-S #153223 \$4.95
E-W #153229 \$4.95

KEYBOARD
CALCULATOR KEYBOARD, 17 BUSINESS-SIZE KEYS. EACH SWITCH REMOVABLE; CONTACTS ACCESSIBLE. SP4P SLIDE SWITCH USED, Exc. NCR#0092, \$3.95

KEYBOARD
16 KEY KEYBOARD BY MICRO SWITCH CONTACTS RATED 12V 6MA TO SINGLE COMMON BUS. BUTTONS .5x.5x.2. 0 THRU 9 RESET, DELETE, CARD NO., \$ AMT, PROCESS, FCT. SIZE 3x3x1 #16NW3-44 NEW \$6.95

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DURANT UNIPULSER II COUNTER, electromechanical type requires 24 VDC pulse; 36 Vrms half wave AC for reset. Has auxiliary low current contacts for remote indication or control. 1 1/2 x 4 1/2 per counter. Unused w/PCB sockets. Bank of three, \$6.00
" " four, \$8.00

VIBRATORS
VIBRATORS removed f/ equip. VB-1 & -7: 6 V. for PP-308, PE-97, -117, -237. \$3.95
VB-12 (6 V.) or VB-13 (12V) for PE-120. \$2.95
3H6690-16, f/PP-112, \$2.95
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BB-208 BATTERY PACK, contains BB-51, 3/BB-52, \$3.

MINIMUM ORDER \$5.00

PUSH-TO-TEST



PUSH TO TEST INDICATORS WITH MARKINGS ALSO HAVE CLEAR & AMBER LENSES
 KORRY MFG., ALL UNUSED.
 KORRY 260 Push-To-Test Indicators, Double Lampholder with miniature bayonet bases. 1 1/2" x 2 1/2" x 2 1/2". NEW. CHOOSE FROM THESE LENS INSCRIPTIONS: POWER, AC POWER ON, PHASE B POWER, 28 VDC OR 24 VOLTS DC. \$1 EA, 3/\$2

KORRY 260 indicators with rocket launch-related inscriptions: UNLOCK, TESTING, COMPONENTS TEST POWER ON, HEATER 1-2-3, CENTER, IN OVERFLOW, IN LOWER LEVEL, IN UPPER LEVEL, 100% LIQ OXY, LIQ OXYGEN FINE, FUEL TANK PRESSURIZED, COOLANT FILL, IGNITER, 40 C THERMOSTAT, AIRBORNE POWER SUPPLY, LOX THROT VALVE HEATER.
 Price: 75¢ ea or 4 for \$2.

ASSORTMENT OF ROCKET LAUNCH INDICATORS, NO CHOICE, 6/\$2

KORRY 136 PUSH-TO-TEST INDICATORS, SINGLE LAMPHOLDER WITH MINIATURE BAYONET BASE 1 1/2" x 2 1/2" x 2 1/2". INSCRIPTIONS: STANDBY; OVER-LOAD; LOW; MALF. 65¢ 2/\$1.

KORRY 103 INDICATOR, PUSH-ON RED PLASTIC CAP; PLASTIC BODY. 5/8" SINGLE HOLE MOUNT. #5167, 50¢ EA. 3/\$1.

LAMP HOLDERS FOR 327 LAMPS 3/8" HOLE MTG. FLAT TOP LENSE 3/8 DEEP, WHITE LENS NUMBERED 1 TO 9, YELLOW ("MAX"), RED, AMBER, AND GREEN. SPECIFY. #6210-617-0934, 39¢ EA. #327 LAMP FOR ABOVE, 39¢
 NEON CYLINDRICAL TYPE LITE #3509 115v 100K 3/8x1 1/2" ELDEMA V W/RES. 3/8x1 1/2" #2685 28v .04A 1/4x7/8
 OBLONG SLIP IN TYPE NEON 1/2x1-3/8" 125v. #3100 USED ALL ABOVE 3 FOR \$1.00



500 KHZ FILTER



SUB-MINIATURE NEON PILOT LIGHT ASSEMBLY. FLUTED 5/16" DIA. CLEAR JEWEL. BASE IS FEMALE PART FOR A THREE PRONG PLUG WITH 1/16" DIA. HOLES IN ISOSCELES TRIANGLE PATTERN. MOUNTS IN 3/8" HOLE. 0" TO 3/8" SURFACE CLEARANCE. 1 3/8" LONG. INCLUDES BULB. USED. 110V. PIL007 \$.25 5/\$1.00

SINGLE TERMINAL AND CONTACT SUB-MINIATURE DIMMER PILOT LIGHT. MECHANICAL DIMMER VARIES SIZE TO COMPLETE DARKNESS. REQUIRES T-1 1/2 BULB. 5/16" DIA. SMOOTH RED JEWEL. MOUNTS IN 7/16" HOLE. 1 3/8" LONG. LESS BULB. NEW. 6210-643-4087 \$.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. CLEAR STOVEPIPE, SMOOTH 5/8" DIA. JEWEL. MOUNTS IN 1 1/16" HOLE. SURFACE CLEARANCE IS 0" TO 3/8" 2 1/8" LONG. LESS BULB. USED. PIL008 \$.39

PILOT LIGHT WITH SINGLE CONTACT, CANDELABRA SCREW TYPE BASE. 1" DIA. RED-FACED JEWEL. MOUNTS IN 1" HOLE WITH SURFACE CLEARANCE OF 0" TO 1/2". 2 1/2" LONG. LESS BULB, UNUSED. PIL003 .59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. 1/2" DIA. SMOOTH. GREEN JEWEL. MOUNTS IN 5/8" HOLE WITH A SURFACE CLEARANCE OF 0" TO 1/4". 2 1/16" LONG. LESS BULB, UNUSED. PIL004 .49

PILOT LIGHT JEWELS, 1/2" dia for 1/2" dia threaded assy. Ass't colors. Series-F 6/\$1

WHITE SWITCHBOARD JEWELS, 3/8" dia. #4C1971, 10/\$1.

INDUCTORS

FERRITE POT CORE INDUCTORS, PC mount; 7/8x2 1/2" dia. NEW. 123-177 mH, #NV243, \$1.50 600 mH, #404-3-2, \$1.50 TORROIDAL COILS, 5/16x1 dia 150 mH, #403-1-1, 85¢ ea.

TELEPHONE PICK UP COIL used in modern data coupler; no specs. 5/8x1 1/2" dia #403-4 \$1

MEISSNER PLUG-IN COILS, 3 in set including osc-grid, osc-plate, & buffer. KHZ PRICE
 3C2500-51 2040-2410 \$1.50
 3C2500-52 2395-2835 1.75
 Standard 4-5-6 prong sockets required for each set.

NATIONAL NC-100 ASC CW OSC tuning coil, 456 KHz, \$3.30
 1st IF 9A1952 #147 \$3.00
 2nd IF 9A1953 #148 3.00

BUD TRANSMITTING PLUG-IN COILS on 5-pin ceramic base #3C804 40 meters \$1.50 #3C805 20 meters 3.00

CERAMIC COIL FORM, space wound f/43 turns #14 wire; 5x2 1/2x2, 1 lb #ART13L113 \$1.

VERNIER DIAL, 2 1/2" dia. 0-100 scale 180 degree with coupling for 1/2" shaft. #TU-10YD \$4.

RIGHT ANGLE DRIVE vernier control, 1 1/2" dia. dial, w/lock & coupling f/1/4" shft 3-hole mtg. #TU-10RA, \$2.

SPECTROL MULTI-DIAL #25-1-13 11 turns, 1099 digits. 1 3/16" dia. f/1/2" dia. shaft. Used, \$5.

TERMINAL LUGS, insulated for 22-18 wire. Specify ring or spade tongue style 15/\$1.00 100/\$4. 1K/\$25. AVIKRIMP quick connect: #AAB140 or MB136 (26-24) 12/\$1.00 100/\$7. 1K/\$35.

FLUTED KNOBS



OHMITE KNOB, 3 1/2" dia. w/pointer; fits 3/8" dia. shaft. \$2.95

LUXITROL KNOB, 2-3/8" dia. w/pointer; fits 3/8" dia. shaft. \$1.50

#9682 KNOB, 2 1/2" across flutes; 3" dia. skirt. F/1 1/2" dia. shaft. \$1.25

7 1/2" dia. WHEEL-TYPE CONTROL, fits 3/4" dia. shaft. 2 lbs. w/pointer \$4.95 Without, \$3.95

HEWLETT-PACKARD knob from test equipment, 1-3/8" dia skirt, 1/2" high; brass insert for 1/2" shaft. \$1.00

1-5/8" DIA. FLUTED KNOB W/2" SKIRT; FITS 1/2" SHAFT. URC# S-649, \$1.25 NEW

1 1/2" DIA. FLUTED KNOB WITH SKIRT AND POINTER. BRASS INSERT FOR 1/2" SHAFT. KBNB005 \$2.25

MODERN GREY KNOB w/fine-ribbed side. 1 1/2" dia X 9/16" H. F/1/2" dia sh. #7577 NEW \$1.

1" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR 1/2" SHAFT. KBNB007 \$.25

1" DIA. FLUTED KNOB WITH BRASS INSERT FOR 1/2" SHAFT. KBNB008 \$.25

ALL THE ABOVE KNOBS ARE OF SET SCREW TYPE.

SPIN KNOBS

2" DIA. METAL FLUTED SPIN KNOB FOR 5/32" SHAFT. KBNB009 \$.79

2 1/2" DIA. SPIN KNOB. METAL. TAKES 3/16" SHAFT. #8089 NEW \$2.00

MAKE ANY FLAT KNOB A SPIN KNOB WITH 3 HOLES, TO FASTEN TO YOUR KNOB, WITH SPIN GRIPPER #25816-3 \$1.00

1-5/8" DIA. METAL SPIN KNOB F/1/2" SHAFT. URC#KN02, \$1.50

1 1/2" DIA. FLUTED KNOB W/1 1/2" SKIRT; BRASS INSERT FOR 3/8" SHAFT. URC#KN04, \$.50

1-5/8" DIA. FLUTED KNOB W/2" SKIRT; BRASS INSERT FOR 3/8" SHAFT. URC#KN03, \$.75

Brown 1" dia x 1 1/2" high knob for 1/2" shft. #KNB025, 2/25¢

HAMMARLUND DIAL #31227-3 2 1/2" silver skirt marked 10 to 0; 1-5/8" dia knurled knob. #E921, NEW, \$1.50

MATCHED KNOBS, rounded edge w/4 sets of 4 hash ridges. Looks like old Hammarlund. #E5168 2 1/2" #3 #E5570 1 1/2" #2

HALLICRAFTERS with big 1 1/2" dia; arrow & grip bar. #H61014 new \$1.50

BAR TYPE KNOBS

BAR TYPE BAKELITE KNOB FOR 1/2" SHAFT. 1 1/2" x 1/2" x 5/8". SET SCREW TYPE. KBNB012 \$.25

BAR TYPE BAKELITE KNOB FOR 1/2" SHAFT WHICH MUST BE TAPED FOR SET SCREW. 1 1/2" x 1/2" x 5/8". KBNB013 \$.25

RECTANGULAR BAR TYPE BAKELITE KNOB 1 1/2" x 1/2" x 5/8". WITH BRASS INSERT FOR 1/2" SHAFT. SET SCREW TYPE. KBNB014 \$.25

Pointer knob with brass insert for 1/2" shaft; 1 1/2" x 1/2" x 5/8". #KBNB026 25¢ ea

Bartype bakelite knob with pointer. For 1/8" shaft; vertical set screw. 1 1/2" x 5/8" x 1/2". KBNB016 4/\$1.00

Rounded bar style knob, 1-1/8" long x 1/2" across x 11/16" H. Brass insert f/1/2" dia sh. #KNART13 3/\$1.

1 1/2" DIA. METAL KNOB FOR 1/2" SHAFT WITH TWO SET SCREWS. FINGER GRIP KNOB FOR HEAVY SWITCHING APPLICATIONS. KBNB018 2/\$3.50

1-5/8" dia plastic knob with 2 1/2" dia aluminum skirt calibrated 0 to 10. Brass insert for 1/2" dia shaft. #9414 NEW \$.50 ea

1" dia plastic knob with 1 1/2" dia skirt calibrated alphabetically A-B, .., Y-Z. Aluminum skirt; f/1/2" shaft. #5312 NEW \$.50 ea

3/4" RIBBED KNOB 7/8" DEEP 1" SKIRT F/1/2" SHAFT DULL BLK. KNB7820 35¢

5/8" x 3/4" SAME AS ABOVE BRIGHT BLK. KNB1261 20¢

1" dia. x 11/16" high knob, Ribbed style; Insert recessed 1/2" from base for flush fit. KNE2279, 30¢ ea.

1 1/2" KNOB MARKED "INCREASED OUTPUT". 1 1/2" HOLE WITH SET SCREW. 1 1/2" THICK. METAL. KBNB023 \$.25

1-1/8" dia fluted plastic knob with 1 1/2" dia skirt; brass insert for 1/2" shaft. #9347 NEW \$.50 ea

MINIATURE LAMPS

STK #	TYPE	V.	A.	BASE	BULB	EA	Per 10
#14	flashlight	2.47	.3	cand sc	G-3 1/2	.30	\$2.00
#47	bulbs	6.3	.15	min bay	T-3 1/2	.20	1.00
#327	grain of wheat	28 v	0.04 a	T-1 1/2	.39	3.00	
#480		22	.55	min so	G-6	.35	3.00
#511		2	.25	min sc	G-6	.20	1.00
NE-2	switchboard	1/17	2F	slide base		.20	1.00
NE-48/991	neon	115	.25	DC bay	T-4 1/2	1.50	12.00
NE-51	neon	115	.25	min bay	T-3 1/2	.40	3.00
2Z5882		18	.11	can so	T-3 1/2	.20	1.00
4C5491K1	switchboard			K1 slide base		.20	1.00
6Z6806.6	TS-87	6-8 v		can bay	3-8col	.35	3.00

MARINE TYPE 600 WATT 1/2 VOLT GE C600 PAR 56/1 SCREW TERMINALS PRICE: \$6.00 EA. WRITE FOR 100 LOT PRICE.

GRIMES LAMP ASSY. #4725-24 WITH 327 GRAIN/WHEAT BULB. 6220-333-5827 59¢ EA. 2 FOR \$1

SEALED BEAM

LINE FILTERS

RF LINE FILTERS, unused. #513-3405, 2x3 amp 125 VAC 60 Hz; four solder terminals. 2x3 1/2 x 1 1/2, 2 lb. \$1.50
 #410-3, 2x5 amps 125/250 VAC 50-400 Hz; four solder terminals. 2x2 1/2 x 1 1/2, 1 lb. \$1.25 ea.
 #FA-380, 3 X 28 VDC 10 amps; screw terminals. Filtron mfg.; 3x3x1 1/2, 2 lbs. Unused, \$2.50
 #A2240, 3x75 amps 250 VAC 50/60 Hz; six stud terminals. 12x10 1/2 x 4 1/2, 25 lbs sh. \$24.95
 #537-6615, 55 amps 30 VDC; two stud terminals. 2 1/2 x 5 x 2, 3 lbs sh wt. \$2.95

HORN

SIMPLEX HORN, 6 VAC 2.5 AMP 60 HZ. MAKES LOUD PENETRATING NOISE; SCREWDRIVER VOLUME ADJUST. HEAVY STEEL CONSTRUCTION. DESIGNED FOR PARTIAL RECESS MOUNT. FRONT ENCLOSURE 4x4x1 1/2; DEPTH REQUIRED BEHIND: 1 1/2. #624-427, \$5.95

SPRAGUE #JN14-1551A 3 X 50 AMP 440 VAC 60 Hz LINE FILTER, 11 1/2 x 9 1/2 x 3 1/2, 18 lbs sh. NEW, \$18.95 GENISCO GF-1901-75D 75 AMP 250 VAC/600 VDC FILTER, knock-outs for hook-up; long style 2 1/2 x 4 x 4, 23 lbs. NEW \$14.

RECTIFIER CAPACITOR ASSY WITH TWO 950 MFD 75 VDC (90V SURGE) COMPUTER GRADE CAPACITORS, TWO 50 MFD 75 VDC CAPS, AND FIVE 200 V 2 AMP DIODES. MOUNT BRACKETS INCLD. USE AS BASE FOR SMALL POWER SUPPLY. REMOVED FROM EQUIP-EXCELLENT, \$2.95

ADJUSTABLE ALUMINUM SHOCK-MOUNT WITH FOUR 1 1/2-3 LBS. SHOCKMOUNTS. PERFECT FOR SMALL POWER SUPPLY, AMPLIFIER OR OTHER GEAR. FITS 5-1/8" W X 6 1/2" TO 7 1/2" DEEP UNIT; 2" HIGH. SH WT: 3 LBS. #MT-569A/JARA, UNUSED, \$2.50

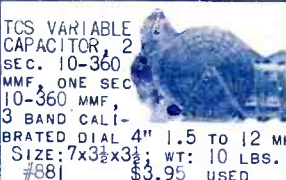
NATIONAL HRO COILS



Individual coils for HRO receiver coil set plug-ins. Unused, \$2.50 ea; 4/\$8.00

KLZ
50-100: B112, B113/B143, B114/B144
100-200: B109/B139, B140
175-400: B112, B113
900-2000: B118, B119, B120
2-4 Mhz: B123
4-7 " : B127, B128, B129
7-14 " : B130, B131, B133
14-30 Mhz: B30, B137

TCS VARIABLE CAPACITOR




2 sec. 10-360 MMF ONE SEC 10-360 MMF, 3 BAND CALIBRATED DIAL 4" 1.5 TO 12 MHZ SIZE: 7x3x3 1/2; wt: 10 LBS. #881 \$3.95 USED

Piston style glass var. 1-20mmf #9645 \$.75

5910-193-8025 3 GANG 8-50 MMF 2000 VDC, ROTOR SECTION INSULATED FROM EACH OTHER. SIZE 3 1/2x2 1/2x6 1/2; 2 LBS. \$6.95

RRF-3-14A164, 10-40mmf gap 0.04". 2xV. 3x2x2 1/2 \$2.95

TRANS. CAPS.



DUAL 4-30 MMF 1000 VDC 1 1/2x1 1/2, SHAFT 1/2x2 1/2 P/O BC-640 CARDWELL 430/1M REM \$2.95

DUAL 5-25 MMF 2000 VDC 1 1/2x1 1/2, SHAFT 1/2x2 1/2 P/O BC-640 CARDWELL 525/2M REM \$3.95

DUAL 4-20 MMF 2000 VDC 1 1/2x1 1/2, SHAFT 1/2x2 1/2 P/O CARDWELL 420/2M REM \$3.95

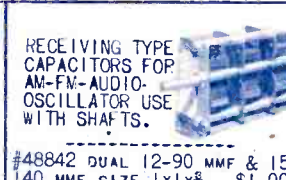
DUAL 4-50 MMF 1000 VDC 1 1/2x1 1/2, SHAFT 3/16x2 1/2 P/O BC640 CARDWELL 450/1M REM \$2.95

BC-624/522 RECEIVER, 3 GANG 6-36 MMF EACH SECTION WITH SLUG TUNED TRIM. SHAFT 5/16 STK#3D9036V SIZE: 4 1/2x2x3 1/2; 1 LB. \$1.50

12-365 PF SINGLE SECTION, gear reduction tuning. 1 1/2x1 1/2 shaft; o/a 3 1/2x2 1/2. #3D9378VBS, unused, \$4.50

DUAL 6-22 MMF 1500 VDC 1x1 1/2x2 1/2, SHAFT 3/16x2 1/2 TELERADIO 622/15M NEW \$1.95

RECEIVING TYPE CAPACITORS FOR AM-FM-AUDIO OSCILLATOR USE WITH SHAFTS.



#48842 DUAL 12-90 MMF & 15-140 MMF SIZE 1x1x2 \$1.00

#66972 DUAL 9-50 MMF & 1-100 MMF, SIZE 1x1x2 \$1.00

#330V020-H02 DUAL 10-90 & 14-140 MMF 1 1/2x1 1/2 \$1.25

#074-050J-2, 8-20 pf 1 1/2x2 shaft. \$1.25

Dual 5-15mmf, ceramic, w/friction gear to hold setting. 0.04" spacing. 2 1/2x1 1/2x1 7/8 in dia shaft. coil & gear removable. #358-3164 \$1.95

MICROWAVE COUPLERS



DIRECTIONAL COUPLERS from 1.7-2.4 Ghz transmitter.

#2CFR/TRC29 Double coupler, DC signal output for power meter and 40 db RF for wavemeter; 3 type C connections, one 1N21 diode connector for DC. 4 1/2x2 1/2x1 1/2 \$8

#3CFR/TRC29 TRIPLE COUPLER which fed P-A. 36 db and 65 db RF outputs; DC output for P-A meter. 4 "C" connections and one 1N21 connector. 5 1/2x2 1/2x1 1/2 \$9.95

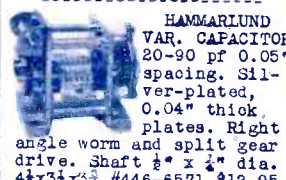
#2SLT/TRC29 2-3LUG TUNER, provides isolation, coupling, and impedance matching between 50 ohm klystron output and P-A input. Two slug adjust. 10x1x1 1/2 \$10. UJ-573 C-conn. Used, \$1.25 UG-636 adapts C - ENG 2.50

BC-610 PLUG-IN TUNING UNITS, 4 lbs.

#	MHZ	Price
C-389A	4.5-5.7 NVL	\$4.00
C-389C	" " WVL	6.00
C-390C	5.7-8.0 WVL	6.00
C-447	8.0-11 NVL	4.00
C-447B	" " WVL	6.00
C-448B	11-14 WVL	6.00

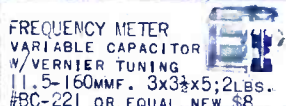
TU-47 (2.0-2.5 Mhz), TU-48 (2.5-3.2), TU-49 (3.2-4.0) TU-50 (4-5), \$7.50 each
TU-53 (8.0-12.0 Mhz) \$3.95
TU-54 (12-18 Mhz), \$12.00

HAMMARLUND VAR. CAPACITOR



20-90 pf 0.05" spacing. Silver-plated, 0.04" thick plates. Right angle worm and split gear drive. Shaft 1/2" x 1/2" dia. 4 1/2x3 1/2x2 1/2 #446-6571 \$12.95

FREQUENCY METER



VARIABLE CAPACITOR w/VERNIER TUNING 11.5-160MMF. 3x3x5; 2LBS. #BC-221 OR EQUAL NEW \$8

VARIABLE CAPACITORS removed f/unused TU-10 tuning units.



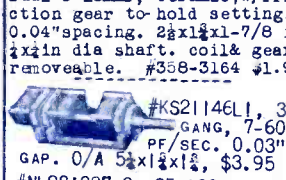
0.09" air gaps. #T-7660443-4, 19-116 pf, 3/8x1 1/2 dia. shaft. O/A: 1 1/2x3 1/2, 2 lbs. \$3.95 #P-7761569, 14-62 pf, 1 1/2x1 1/2 dia. shaft. 2 1/2x2 1/2x4 1/2, \$3.95 #T-7660443-8, 8-26 pf, 5/8 x 1 1/2 dia. shaft. Overall: 1 1/2x2 1/2x3, 2 lbs. \$3.95

VARIABLE CAPACITORS removed f/unused TU-10 tuning units.



0.09" air gaps. #T-7660443-4, 19-116 pf, 3/8x1 1/2 dia. shaft. O/A: 1 1/2x3 1/2, 2 lbs. \$3.95 #P-7761569, 14-62 pf, 1 1/2x1 1/2 dia. shaft. 2 1/2x2 1/2x4 1/2, \$3.95 #T-7660443-8, 8-26 pf, 5/8 x 1 1/2 dia. shaft. Overall: 1 1/2x2 1/2x3, 2 lbs. \$3.95

AIR PADDER CAP



ALL PADDER CAPS. REQUIRE SCREW DRIVER ADJUST.

351-1054	2-8 PF	49¢
D3535	2-20 PF	49¢
CIN48785	5-17 PF	49¢
657-73	8-55 PF	79¢
K336534	10-49 PF	79¢
SBL72265-2	8-32 PF	59¢
3D9011V-7	5-14 PF silver-plated Hammarlund,	89¢

JOHNSON #189-6-6; 1.8-13 PF 650 v. 7/16x7/16x9/16, 89¢
JOHNSON #12-16; 1.9-15.7 PF 325 v. 9/16x5/16 DIA., 89¢
#3D9006V-7 DIFFERENTIAL, 3-6 PF, .045" GAP; 1 1/2x1 1/2, 1 1/2x1 1/2 D. SHAFT. NEW, \$1.95

20-260 PF 0.02" air gap. Tapered plates for linear frequency; precision worm and split right-angle gear drive. Double shaft 1" lg X 3/16" dia each end. O/A 5x3x2 1/2. #3D9270V-4 \$12.95

AM & FM TUNERS

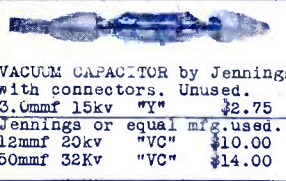


AM FREQUENCY 550 - 1600 KC
FM FREQUENCY 88 - 108 MC
UNITS HAVE NOT BEEN USED

F.M. TUNER WITH 1/2" 120T8 TUBE & DIAL. SIZE 3x2x2 URC#462 \$3.95
A.M. & F.M. TUNER SAME AS ABOVE URC#2H02 \$4.95

SPIRAL INDUCTO TUNER 60-90MHZ w/50PF PARALLEL 3 SEC. SILVER PL. 4 1/2 TURNS. 3 1/2x1 1/2x2 #37695 RE-MOVED \$5.95

VACUUM CAPACITOR by Jennings



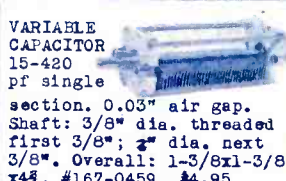
with connectors. Unused.

3.0mmf 15kv "Y"	\$2.75
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Jennings or equal mfg. used.

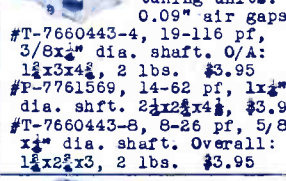
12mmf 20kv "VC"	\$10.00
50mmf 32Kv "VC"	\$14.00

VARIABLE CAPACITOR



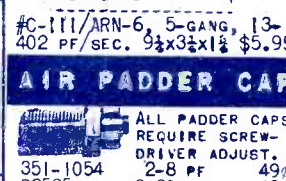
15-420 pf single section. 0.03" air gap. Shaft: 3/8" dia. threaded first 3/8"; 3/4" dia. next 3/8". Overall: 1-3/8x1-3/8x4 1/2. #167-0459, \$4.95

DUAL 30-200 PF



0.02" spacing w/silver-plated linear frequency plates. In metal case for shielding. Shaft 1/2" lg X 1/2" dia. 1 1/2x2 1/2x2 1/2. #906-8549 \$10.95

PRE-SELECTOR UNIT ASST PART OF R-48 REC.

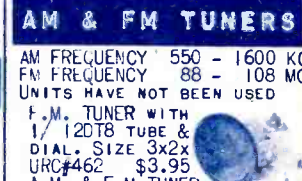


230-250 MHZ. CONSISTS OF RF MIXER & OSCIL. EA. TUBES (LESS TUBES). FOR USE WITH 30 MC I.F. SIZE: 6x5 1/2x4; 5 LBS. USED \$5

GLASS PISTON CAPACITORS
#VCJ-770, 15 pf 5/8x2 1/2 \$1.
#VCT-244, 20 pf 1 1/2x1 1/2 \$1.00
#VC-80G, 30 pf 2 1/2x1 1/2 \$1.00


AIR CAPACITORS, 0.02" spacing; shaft 3/8" d, 3x1 1/2x1 1/2
#21106-14 8-20 pf \$1.50
#21105-15 8-35 pf \$1.65

LC-902 ANTENNA INPUT TANK FOR TN-2A/APR-1 TUNING UNIT, FREQ. 76 TO 300 MHZ.



WITH VARIABLE CAPACITOR, COIL, AND 955 TUBE SOCKET. SIZE: 4x3x3 WT: 4 LBS. UNUSED \$9.95

TRAVELING WAVE TUBE

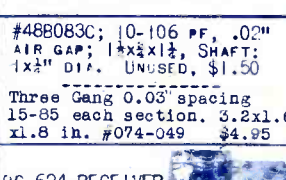


EMI 7640 TWT, similar to Hughes 313H; 2.0-4.0 Ghz, 1 KW output, 30 db. 16x3x2 1/2x5; 20 lbs. sh. Sold as an experimenter's item only; not guaranteed. \$17.50

ITT D-2013 CW TWT, 5 watts 33 db gain, 8.0-9.6 Ghz; 6.3 v. heater. 12x1 1/2" dia. 3 lbs. sh. Unused, \$45.00

RCA 4012/A1157 TWT, 2.0-4.0 Ghz, 36 db min., 20 MW min. 15 1/2" x 3 1/2" x 1 1/2" w. 4 lbs. sh. Unused, \$40.00

BC-624 RECEIVER R.F. TUNER ASSY

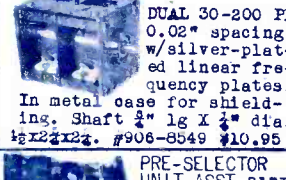


100 - 156 MHZ A.M. w/VARIABLE CAP., COILS, TUBE SOCKETS, OSC. SEC. P/O SCR-522 5x5x5; WT: 7LBS 2ZK11150 Used \$3.95/N \$5.95

RF-OSCILLATOR TUNING CAPACITOR F/ MARK II RECEIVER; 4-GANG, 0-530 PF/GANG. 3 1/2x1 1/2x6, 5/8x5/8" DIA. SHAFT. #76330-C, USED, \$4.95

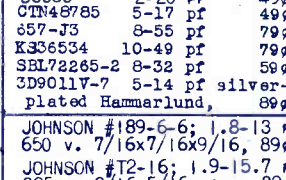
TANK TUNING CAPACITOR FROM MARK II; 1-GANG, 0-563 PF. 0.03" AIR GAP; 3 1/2x2 1/2x1 1/2 DIA SHAFT. #76348-C, \$2.95

TU-53 OSCILLATOR PLUG-IN ASSY. FOR BC-610 TRANSMITTER



FREQ. RANGE 8-12 MHZ. CONTAINS VAR. CAPACITORS WITH SHAFTS 140 MMFD, 190 MMFD. 2/CERAMIC CAP. 1/MICA CAP. 4/R.F. COILS, 2/RES. 1/DPDT SW. 1/DIAL, 2/KNOBS, CRYSTAL SOCKET, AND OTHER PARTS. SIZE: 2x8 1/2x4 1/2; 4 LBS. \$3.95

COMMAND RECEIVER VARIABLE CAPACITORS,



3-GANG, TRIMMERS & GEARS. 2 1/2x3x4 1/2; 3 LB. #4601, 147 PF, 3-6 MHZ, \$4. #6558, 62 PF, 6-9 MHZ, \$4.

TRANSMATCH ASSY ROTARY INDUCTOR, 16 TURNS, .5-4.15 MICRO-HY. w/VARIABLE CAP. 5-50 MMF. 2000V RE-MOVED FROM EQUIP. DESIGN FOR 14-50 MHZ. SIZE: 2 1/2x5x5 4 LBS. #88W502 \$6.95

LC-702 ANTENNA MIXER TANK FOR TN-3A/APR-1 TUNING UNIT FREQ. 300 TO 1000 MHZ. WITH VARIABLE CAPACITOR AND COIL



SIZE: 2 1/2x3 1/2x3 1/2 WT: 3 LBS. PRICE: UNUSED \$6.95

LC-701 OSCILLATOR TANK FOR TN-3A. WITH VARIABLE CAPACITOR AND COIL. SIZE: 4x4x4 WT: 4 LBS. UNUSED \$8.95

Capacitors listed below are receiver style approx 500 volt spacing. 3 1/2x1 1/2x1 1/2 3 gang, each 15-280mmf #350ZLDD unused \$4.95

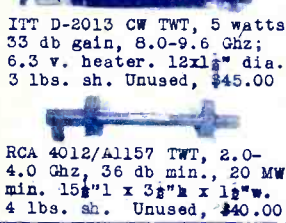
3 gang, 2/25-460, 25-180 mmf, 1/2 in shaft 1 1/8 in lg #9776 unused \$4.75

3 gang, 15-365mmf each short 3/8 shaft. W/1.2in 1/2 in adapter. #906836 unused \$4.50

3 gang, 20-360, 20-280, 20-110. 2 speed drive, 1/2 & 1/8 in dia shaft. #33V021H01 \$2.75

2 gang 25-460, 35-200mmf 3/8 in shaft, 1 in long 2 1/2x1 1/2x2 #221657 \$2.00

VARIABLE CAPACITORS, removed f/ T-195/GRC transmitter.

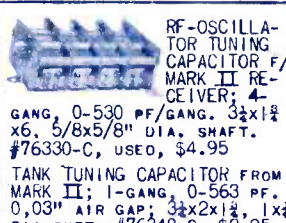


#C-222/T-195, 25-485 pf one sec. ; 23-437 pf the other. 0.03" air gap. With gears 1 1/2" dia. and 5/8" d. 4 1/2x3x4 1/2 overall. \$4.95

#C-221/T-195, 13.5-77.8 pf one section; 17-99.6 pf the other. 0.094" air gap. 1 1/2x1 1/2" dia. shaft. 5 1/2x1 1/2x3 1/2 overall, 2 lbs sh. \$3.95

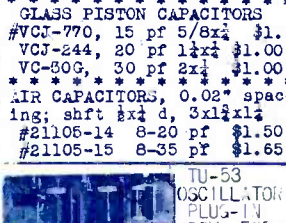
20-400 PF 0.02" gap. Ceramic insulation, silver plate. 5/8x1 1/2" dia shaft. 4x1-5/8x1 1/2. #C-1003/T-195, \$4.95

TUNING CAPACITOR F/RT-176/PRC-10, 38 TO 54.9 MHZ;



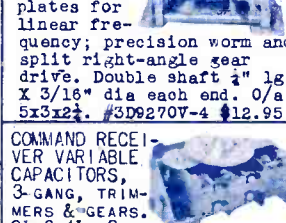
5-GANG, 5-33 PF/GANG. WITH 1 1/2" AND 5/8" DIA. GEARS; 3/16" DIA SHAFT. 1 1/2x1-5/8x4, USED, \$4.95

5-25 PF CAPACITOR, worm gear & ceramic insulated shaft and stators.

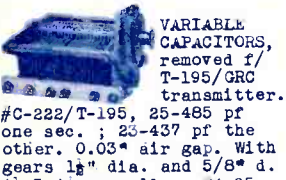


Rotor plates on common metal shaft; .03" gap. Rating made with two sections in series. May be modified into two 10-50 pf sections. Gear shaft: 1" x 1/8". Other 5/8" x 1/2" O/A 4 1/2x2 1/2. Silver-plated. #710-4608 \$6.95

MAGNETIC FOCUSING YOKE WITH 2 MAGNETS MOUNTED IN RING. RING SIZE 2 1/8" DIA. 5/8" w. 1" HOLE. MAGNETS 5/8" x 9/16 WT: 7 OZ. MAGNET CIR-7 PRICE: 35¢ 3 FOR \$1.00



VARIABLE CAPACITORS, removed f/ T-195/GRC transmitter.

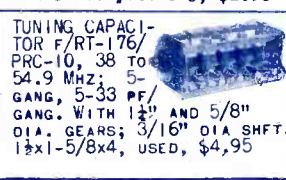


#C-222/T-195, 25-485 pf one sec. ; 23-437 pf the other. 0.03" air gap. With gears 1 1/2" dia. and 5/8" d. 4 1/2x3x4 1/2 overall. \$4.95

#C-221/T-195, 13.5-77.8 pf one section; 17-99.6 pf the other. 0.094" air gap. 1 1/2x1 1/2" dia. shaft. 5 1/2x1 1/2x3 1/2 overall, 2 lbs sh. \$3.95

20-400 PF 0.02" gap. Ceramic insulation, silver plate. 5/8x1 1/2" dia shaft. 4x1-5/8x1 1/2. #C-1003/T-195, \$4.95

BROADBAND TUNER



14-50 MHZ 10-150mmf var capacitor mechanically coupled to iron slug in a coil which moves as the capacitor is rotated. various other components. 3 1/2x2x3 #RT-45 \$1.95

5-25 PF CAPACITOR, worm gear & ceramic insulated shaft and stators.



Rotor plates on common metal shaft; .03" gap. Rating made with two sections in series. May be modified into two 10-50 pf sections. Gear shaft: 1" x 1/8". Other 5/8" x 1/2" O/A 4 1/2x2 1/2. Silver-plated. #710-4608 \$6.95

MAGNETIC FOCUSING YOKE WITH 2 MAGNETS MOUNTED IN RING. RING SIZE 2 1/8" DIA. 5/8" w. 1" HOLE. MAGNETS 5/8" x 9/16 WT: 7 OZ. MAGNET CIR-7 PRICE: 35¢ 3 FOR \$1.00



Capacitors listed below are receiver style approx 500 volt spacing.

3 1/2x1 1/2x1 1/2 3 gang, each 15-280mmf #350ZLDD unused \$4.95

3 gang, 2/25-460, 25-180 mmf, 1/2 in shaft 1 1/8 in lg #9776 unused \$4.75

3 gang, 15-365mmf each short 3/8 shaft. W/1.2in 1/2 in adapter. #906836 unused \$4.50

3 gang, 20-360, 20-280, 20-110. 2 speed drive, 1/2 & 1/8 in dia shaft. #33V021H01 \$2.75

2 gang 25-460, 35-200mmf 3/8 in shaft, 1 in long 2 1/2x1 1/2x2 #221657 \$2.00

INSULATORS

STAND-OFF, CROWS FOOT, 7" Hx1 1/2" D. CAST BASE, 2 1/2" CTRS. TOP CAST W/3/16" x 20 SCREW #5970-405-8992 \$4.00
SIMILAR, ABOVE 3" 3.00
" " 10" 7.00

FEED-THRU INSULATOR (FIG 2) 1/2" HOLE 7/8" DIA. W/NECK 3" LONG 30¢ 5" LONG 40¢ 6" LONG 50¢ 8" LONG 60¢
STOCK NO. 1014-(LENGTH)
SAME AS ABOVE OVAL TWIN-

PORCELAIN STAND-OFF INSULATORS, SCREW THREADED.

#P-4H-.75D, 8-24 THRD. \$.50
#P-5H-.75D, 8-24 THRD. .65
#P-6.75H-ID, 10-24 THRD. .85

STK.#INS.#1015; FEED-THRU BRASS BOLT 6 1/2" LONG x 1/2" W/NUTS, SPLIT INSULATOR FOR 1/2" THICK MOUNTING WITH CORK WASHERS, OVERALL LGTH 3 1/2" x 2, WT: 2LB. \$2.50

STK.#3G584 IN-84 FEED-THRU CONICAL SHAPE, 5" LG. O/A; 2 CONICAL SHAPED 1-1/8 LG. X 1 1/2 DIA. AT BOTTOM, 1" AT TOP, 1/4" DIA. ROD WITH 1/4 20 THREAD WITH NUTS/WASHERS 1/2 LB. 25¢ EA. 5 FOR \$1.00

GLASS-BONDED MICALEX STRIPS

10" Lx1" Wx5/8" Th. Five holes .2" dia. #3GL10-160, \$1.50
GE #K7102768P1, same as above, 7-3/8" Lx3 3/8" Wx3/8" Th. Ten holes, \$3.00 ea.

INSULATOR THREADED BRASS EACH END FOR 1/4" SCREW. #CLASS 16U-2 1/2 x 1 1/2" \$2. 16U-3 1/2 x 2" \$3.

INSULATOR STANDOFF FEED-THRU, THREADED ONE END; 3/8" HOLE. ACE-3" Hx1 1/2" \$1.

SPREADER INSULATORS

No. SIZE HOLE PRICE
IN-88 2 1/2 x 1 1/2 1/16 25¢
CSJ-61192 4 1/2 x 2 1/2 3/16 35¢
498-3827 12 x 2 3/16 \$2.

STRAIN INSULATOR

BROWN 2 1/2" x 1 1/2" HOLES EA END, OPPOSITE SIDES. #3G100 PRICES: 79¢ EA. 4 FOR \$3. BOX OF 200 \$125.00

ART-13 TRANSMITTER ANTENNA INSULATOR PANEL

WITH 3 1/2 x 4 OBLONG INSULATOR WITH TWO SPRING-TYPE BINDING POSTS. ALSO A 1/2 x 1/2 AND A 3/4 x 3/4 CONICAL INSULATORS WITH PUSH-TYPE BINDING POSTS. WT: 1 LB. COMPLETE ASSY. USED \$1.00

STAND-OFF INSULATOR H-1 1/2, B-1 1/2, A-1 1/2, 1/4" BOLT REQ. 1 1/2" MTG HOLE #PP-1048 NO HARDWARE 3 FOR \$1.00

STAND-OFF'S

STAND-OFF INSULATORS, CROWS FEET TYPE. BRASS AND PLATED BRASS BASES AND TERMINALS.

#B-H3-D1.25-ST3, BROWN CERAMIC; M=2.25" TERM. CAP SIZE: 7/8x1-5/8" DIA. SHPG. WT: 2 LBS. \$2.75
#B-H4-D1.25-ST2, WHITE; M=2.25" TERM. CAP: 1x1-5/8" DIA. 3 LBS. \$3.25
#XW-H5-D1-ST, WHITE; M=2.25" TERM. CAP: 1x1" DIA. \$3.00
#W-H5-D1.25-ST, WHITE; M=2.625" TERM. CAP: 3/8x1 1/2" DIA. 3 LBS. \$3.75
#B-H5-D1.25-CT, WHITE; M=2.25" TERM. CAP: 1x1-5/8" DIA. 3 LBS. \$4.00
#BL-H6-D1.25-ST2, BLACK PAINT ON BRASS; M=2.625" TERM. CAP: 1x1 1/2" DIA. SHPG. WT: 4 LBS. \$4.25
#W-H6-D1.75-NTH, WHITE; M=3.75" NO TERM CAP THREADED. 5 LBS. \$4.50
#B-H7-D1.25-ST, BROWN; M=2.25" TERM. CAP: 5/8x1-5/8 SHPG. WT: 3 LBS. \$4.75
#W-H8-D1.75-NTH, WHITE; M=3.75" NO TERM CAP THREADED. 6 LBS. \$5.25

FLEXIBLE COUPLING

Insulated flexible coupling 1" x 1/2" for 1/4" dia shaft. #COUN003 35¢ ea.
CERAMIC COUPLING, 2x2 for 1/2" dia shaft. #COUN006 59¢ 2 for \$1.

#COUN007; 1-5/8" dia. x 1/2", for 1/2" dia. shaft. 39¢
#COUN008; 2-5/8" dia. x 2", for 3/8" dia shaft. 79¢ ea.

MORE --- DOLLAR DAZE
TOGGLE SWITCHES, SPST cut-offs, 5/\$1.00

4 PUSH SWITCHES, SPST norm-open, 5/\$1.00

SLIDE SWITCHES, 2PDT and SPDT, 5/\$1.00

SPST ROCKER DIP SWITCHES FOR PC board use. Can be soldered or fit in socket. Grayhill mfg. NEW #76SB04, 4 sw, \$.75; 5/\$3. #76PSB08, 8 sw piano-style. \$1.25 each or 4/\$4.00

3 DIGIT COUNTER, VEEDER MFG. 1/2" DIA. GEAR SHAFT; 3/8" DIA. EXTERIOR SHAFT CAN BE GROUND TO 1/2". OVER-UNDER MOUNTING. 2 1/2 x 1 1/2 x 4 1/2; RC-1323 COUNTER \$1.00

SELECTOR SWITCH 15 BUTTON, MAKE ONE BREAK ONE, RELAY RELEASES ALL BUTTONS WHEN ACTIVATED, 115 VAC OR 24VDC SIZE: 1 1/2 x 7 1/2 x 2; WT: 7 LBS. URC#1524115 NEW \$3.95

MICRO SWITCHES

SPST, R-RL2, NORMALLY CLOSED ROLLER LEVER ASSEMBLY, 15 A 125/250V. 2 1/2 x 5/8 \$.50
SPDT; 3Z-3R244T4; ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER; 2 1/2 x 1 1/2 \$.30
SPST; WHBT349A-1, NORMALLY OPEN. LEVER PLUNGER. 2 1/2 x 1 1/2 x 5/8" .30
SPDT; BZ-2R; ONE SIDE NORMALLY, OTHER CLOSED; PUSH PLUNGER ASSY. W/MOUNT. 2 1/2 x 1 1/2 \$.50
HR07-IP SPST NORMALLY OPEN, 115 V 10 A. 3/8" PLUNGER. \$.75
DPDT; MS25008, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. EXTENDED BUTTON PLUNGER. 2 1/2 x 2 1/2 x 1 1/2 \$ 1.50
DXGB-5 SP NORMALLY OPEN, MOUNTED IN HEAVY FRAME. 1/2" PLUNGER 2 1/2 x 2 1/2 x 2 1/2 \$ 1.00
SPDT; WHBT349B-1; ONE SIDE NORM. OPEN, OTHER CLOSED. LEVER PLUNGER 2 1/2 x 1 1/2 \$.30
SPST; MU SWITCH TYPE D; SPLIT DIE CAST ENCLOSURE 1/2" TAP CONDUIT HUB; 1 7/8" DIA 125/250V. PUSH PLUNGER; 2 1/2 x 2 x 1 .75
WZ2RW80-D5 SP NORMALLY CLOSED 3" LEVER. 2 x 3/4 sw. 60¢
SPST; 2MC3-1A, NORMALLY CLOSED. PIN PLUNGER. 1 5/8" x 1 1/2" x 1 1/2" .45
SPST; SW-186, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2 1/2 x 1 1/2 x 5/8" .25
SPST; G-RS, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2 1/2 x 1 1/2 x 5/8" .40
SPST; M07-102T, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2 1/2 x 1 1/2 x 5/8" .40
SPST; VZ-RS9, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2 1/2 x 1 1/2 x 5/8" .40
V3 MICRO-TYPE 10 A. 125/230 A.C. SIZE 9/16 x 1 x 3/8
V3-21 SPST NORMALLY CLOSED.
V3-23 SPST " OPEN
V3-1 SPDT 1/2 S NO 1/2 S NC
V3-21 & 23 35¢ V3-1 50¢
E4-78 MINATURE ELECTRO SNAP 3/8 x 3/4 x 1/4 40¢
YZ-3RLTC SPST NO 15 A. AC. LEVER TYPE 1 1/2 x 2 x 5/8 40¢

AC LINE CORDS

2-CONDUCTOR appliance cord, 6 ft, molded plug; tinned ends. Blk or White, 2/\$1.
3-COND. GROUNDED equipment cord, 8' #18 wire. Molded plug; grey. #SK-3CG \$1.25
ANTIQUE BROWN CLOTH-COVERED 2-conductor cord for old electrical equipment; 6 feet. #CC-2C unused \$1.5C

PUSH SWITCHES

FOUR SPST N.O. PUSH-BUTTONS ON 3"x3" CHROMIUM PLATE. TWO COMMONS; TWO BUTTONS PER COMMON. USED. #PSW4-2C, 85¢
SPST NORMALLY OPEN; 3A/250. PSW002 .35
DPST NORMALLY OPEN; 1A/250. PSW004 .35
MICRO-SW. SPDT, 1" RED BUTTON, 15 A.A.C MTG. HOLES 1 1/2" CENT. 2 1/2 x 1 1/2 #71BP2 \$2.00
JPST INTERLOCK, NORMALLY OPEN. (3Z9825/254) PSW006 .35
SPST PULL SWITCH, NORMALLY OPEN. PSW007 .35
SPST NORMALLY CLOSED; CASING AS GROUND; 1/2" SCREWS REQUIRED FOR MOUNT. PSW008 .35
SPST, NORMALLY OPEN PSW010 .35
SPST, PUSH-LEVER SWITCH, 115 VAC 20 AMP; SILVER CONTACTS. P/O I-199 #I-199-S67 .65
SPST, NORM. OPEN, FITS 5/8" HOLE. J-3-PB .39

FOOT SWITCH

DUAL FOOT PEDAL SWITCH, 20 amp norm. open. Depress pedal to make; release to break. With heavy cord. 4x4 1/2 x 1 1/2, 4 lbs. #IR-FP, \$6.95
FIVE-PUSH SWITCH 2PST NORM. CL. 1PST NORM. OP. 1PDT. 5x3x1 #PSW5022 \$1.00

MINIATURE SWITCHES

all new. Black: blk. White: wh.
DPDT on-on, blk. or wh button (a); C&K #8221, 65¢
SPDT on-off-on, wh. toggle (b); Aloc #MLD106E, 75¢
DPDT on-on, blk. toggle (b) C&K #U21, 65¢
SPDT on-on, blk. rocker (c) JBT #MR2-123, 65¢
SPDT on-on, wh. rocker (d); C&K #7101, 60¢
SPST red or wh. tog. (e), not mini. #CH8381K22 60¢
SPDT mini-toggle, button throw; on-on. #7101T 65¢

DPST one side mom. (f) toggle; Aloc #CST-023TA, 2/\$1
SPDT n.o./n.c., push button (g); Iicon #76-2450, 2/\$1
DPDT on-on slide (h), 2/\$1
DPST sub-mini slide switch; Chicago EIA 50, 5/\$1.
Interlock switch (i); 10 A. Cherry #E89-30A, 2/\$1.

SWITCHES

AIRCRAFT TYPE SWITCH TWO HOLE MOUNTING FIG. #1
CIR. CON. RATING NO. PR
SPST NEW 5/125 B-15 .65
ABOVE MOMENTARY N/CLOSED
SPDT REM 5/125 B-9A .50
(above center-off)
SPDT NEW 1 1/2/125 E-1B .50
SPDT REM 5/125 B-7A .55
(CENTER OFF, MOM ONE SIDE)

TOGGLE SWITCHES

TOGGLE SWITCHES SINGLE HOLE MOUNTINGS: CONDITION NEW & "REM" REMOVED FROM EQUIPMENT, ALL GUARANTEED.
CIR. CON. RATING NO. PR
SPST REM 8/125 BBT7K2 .35
(ABOVE SWITCH MOMENTARY)
SPST REM 6/125 SW-105N .30
SPDT REM 8/125 ST-130 .25
("ON" BOTH SIDES)
DPST REM 3/125 7463954 .45
DPST REM 10/125 ST-52K .20
DPDT REM 3/125 SW125 .30
DPDT REM 5/125 ST-22R .35
3PST NEW 15/125 SW3115 1.00
4PST REM 15/125 7661K5 1.00

TEN PUSH SWITCH STRIP EACH D.P.D.T. INDIVIDUAL HOLD OR COLLECTIVE OR RELEASE. NEW 12x4x3/4; NO.4C5231 \$2.25
ROCKER SWITCHES
0319 SPST 39¢ 3 FOR \$1.00
0348 DPDT 59¢ 2 FOR \$1.00
0320 SPDT MOMENTARY BOTH SIDES. 65¢ EA. 2 FOR \$1.20
0347 DPDT MOMENTARY BOTH SIDES. 80¢ EA. 2 FOR \$1.50

PUSH BUTTON SELECTOR

WHITE BUTTONS, 1 THRU 4 SEPARATE CONTACTS, 5, 6, 7 MAKE 2, 3, 4 RESPECTIVELY W/COMMON. RED BUTTON RELEASES ALL. RATED @ 120/240VAC 8; SIZE: 4 1/2 x 1 1/2 x 2 1/2; WT: 2 LBS. GE#ASP8128-417 UNUSED \$.75

LEVER SWITCHES

4PDT ONE SIDE 2PDT OTHER SIDE, BOTH SIDES MOM. #1155 NEW \$2.00
TV-2 tube test PL lever sw; make 2-break 2. Removed \$2.
2PDT ONE SIDE, OTHER 2 MAKE, P/O EE-2, USED \$1.00
8PDT & 4MAKE MOM. ONE SIDE OTHER SIDE ONE BREAK HOLD. CENTER OFF. SW-1323 USED \$1.
4PST EA. SIDE NORM. OPEN & HOLD, CTR. OFF 3Z9818-9.1 N \$2.
2PDT ea. side of switch, no center off. SE#649-31 \$2

PUSH TYPE IP, NC/IP NO/2/ SPDT SINGLE HOLE MTG. WE#168173 UNUSED \$2.00
4PDT HOLD BOTH SIDES, CTR OFF, SINGLE HOLE OR 4SCREW MTG. SWITCHCRAFT 4PDT N \$2
2PST ONE SIDE ONLY HOLD, CTR OFF, ONE HOLE MTG. SWITCHCRAFT 513148 NEW \$1

EQUIPMENT BLOWERS



FASCO BLOWER, 200 CFM, 115 VAC 60 Hz. 2.2 amp. 3200 RPM. 4 1/2" dia. inlet; outlet 3 3/4". Flange mounting 4 1/2 x 4 1/2. O/A 8x8x8; 12 lbs. sh. #60755-3448, used, \$10. ADAPTER for 2 1/2" dia. inlets, \$3.00

TRC-29 XMITTER BLOWER, 200 CFM, 115 VAC 60 Hz 1.2 amps @ 3300 RPM. 4-5/8" dia inlet; outlet 2 1/2 x 1 1/2. Motor mount. With 10 mfd capacitor. Overall: 8x9x8, 12 lbs. Used \$14.95

TORRINGTON BLOWER, 200 CFM 220 V 3000 RPM (100 CFM 115 VAC 1500 RPM). 4" dia intake; 2 1/2 x 3 out. Outlet mtg 4" dia. O/A 7x7x7 1/2, 10 lb Torrington #A13980, unused \$18.95

EASTERN AIR TWO SPEED BLOWER, 2800/3200 RPM capacitor-start motor 1/40 HP 0.38 amp 115/230 VAC 50/60 Hz. Mounted on base w/4 mfd capacitor, terminal strips. Approx 150 CFM. Intake 3" dia, outlet 1 1/2 x 2 1/2. O/A 8 1/2 x 11 x 6 1/2, 14 lbs sh wt. EAD#B747M1-C, used, \$12.95

FASCO DUAL BLOWER 50 C.F.M. 115 VAC 60 Hz 0.74 amp @ 2800 RPM. Outlets 2x1-5/8. One outlet is parallel to mounting base; other is at 90°, but can be modified as shown in picture. Inlets 2 1/2" dia. Overall 7 1/2 x 6 x 5 1/2, 12 lbs sh. Fasco type 21, #127S217, unused, \$10.00

ORDANANCE BLOWER 6 VOLTS DC, approx 150 CFM with turbine-type impeller. Intake 3", outlet 1" dia. Overall size: 6 1/2 x 6 1/2 x 4, 7 lbs sh wt. ORD#G486392, unused, \$7.95

HEINZE DUAL BLOWER 120 C.F.M. 115 VAC 60 Hz, 3000 RPM 0.6 amps. Inlet 2 1/2" dia, outlet 2" dia. O/A 8 1/2 x 6 x 6, 13 lbs sh. Heinze #D60382J52, used, \$8.95

5-BLADE 7" DIA FAN in 7 1/2" dia X 6" h housing; 115 VAC 60 Hz. Can probably be adapted to duct fan. With 2 mfd capacitor; 9 lbs sh. #14-20/53-DF, used, \$14.95

4-BLADE 6" DIA FAN in conical 7 1/2" to 5-3/8" dia X 7" high housing; 115 VAC 60 Hz. Adapt to use as duct fan. 8 lbs sh. #3M/4B-DF, used, \$9.95

FAN-TYPE BLOWER, 115 VAC 60 Hz 20 watts; 4" plastic fan blades. Open frame low-noise motor in metal case-mount-type frame. Approximately 100 CFM. 13x5x2, 5 lbs sh. Howard #1075-3102, used, \$4.50

HEATSINKS

9x4x1 1/8" ALUMINUM. DRILLED FOR 3/10-3 #3T941 UNUSED \$2.75
12x4x1 1/8" ALUMINUM. DRILLED FOR 4/10-3. #4T1241 UNUSED \$3.35

BLACK TAB MTG HEATSINK WITH 2/2N3055 OR EQUAL W/HWR INSULATOR, RESISTORS 4 1/2 x 1 1/8 x 2 1/2 (4 7/8) TOTAL #HSW/27 REMOVED \$2.00
#HSW/1T, SIMILAR TO ABOVE BUT WITH ONE TRANS. SIZE: 3-7/8x2-7/8x1-1/8. \$.85 EA. 4 FOR \$3.
#THS, SIMILAR TO ABOVE; NO TRANS., 2 FOR \$1.
#DHS, SAME AS ABOVE, ANODIZED DRILLED FOR DO-4 DIODES. 3-7/8x2 1/2 x 1-1/8, 2 FOR \$1.00

DUAL TO-36 HEATSINK, 3x3 1/2 x 1-3/8; flange mounting. #HST036, \$.75 each or 3 for \$1.00
#DS623-8 HEATSINK, 5x3x1-9/16; drilled for 3 large stud rectifiers (1" dia recesses), \$2.

#2D734 HEATSINK, 7x4 1/2 x 2 1/2, drilled with two 25/32" dia. holes. 3 lbs sh. Unused, \$3.50

SERIES 680 HEATSINKS, 1 1/2" sq. NEW #1.0G-5-5, 1" high with 0.33" dia. hole for rectifier, 85¢ ea.
#.75A-16-1, 0.75" high for TO-3 transistor, 75¢ ea.

COMPACT AXIAL FANS



AXIAL FANS, 4 1/2" square X 1 1/2" thick; 115 VAC 60 Hz. Removed from equipment; guaranteed. Rotron WHISPER fan, 3-blade; 7 watt. \$10.95

Howard CYCLOHM 5-blade; metal housing. 50/60 Hz 21/18 watts. #SPN3-15-3450, \$9.95
IMC BOXER FAN, 220/240 VAC 50/60 Hz 0.1 amp; 5-blade in metal housing, \$11.95
ROTRON BT2A-1 BISCUIT fan, right angle 1"x2" out-take; 115 VAC 50/60 Hz 16 watts, \$12.95

SPRITE FAN

ROTRON MODEL SU2A3

Small 3-1/8x3-1/8x1-5/8 size. Seven blade plastic fan in die cast housing. 115 VAC 60 Hz. 2 lbs. sh. NEW, \$12.95

FIVE BLADE COOLING FAN, 4-5/8" dia. rotational no enclosure. Mounting bracket hole centers 5-7/8" apart. 115 VAC 60 Hz. 2 lbs. sh. Airtrol #11-2100, NEW, \$4.95

OPEN FRAME COOLING FANS, 115 VAC 60 Hz; metal or nylon blades. Removed from equipment.

#3M-35, 3 1/2" blade rotation, \$2.50
#NCR-50, 5" blade rotation, \$3.50

HEATSINK ASSEMBLIES



LARGE HEATSINK BANK consisting of five 1 1/2" L x 5" W x 1" Th heatsinks and 19 transistors similar to 2N3055's. Assembly originally part of 4 V. 75 amp power supply. Use as-is or dismantle for parts. O/A 13 1/2 x 5 1/2, 12 lbs sh. Removed f/equip. #HSB4-75, \$16.95

#75-4-2400 SERIES 400 HEATSINK with two 1 1/2" dia. power rectifiers at least 100 PIV 100 amp each. Size: 5x5x6 w/1-5/8 fins. 8 lbs. sh. Removed, \$15.

#75-4-400S SERIES 400 HEATSINK with 7/8" dia. SCR at least 100 PIV 100 amps. Size: 5x5x4, 4 lbs. sh. Removed, \$5.95

CROWBAR OVP

SCR CROWBAR CIRCUIT, consists of 40RGS5 SCR rated I_T 63 A 50 V-max. mounted with thermal switch and two resistors. Potted assembly has trigger voltage adjust 4-7 V. Use with 5 V supplies for overvoltage protection or modify for other uses. #CRBR-40, NEW, \$4.95

MILITARY TEST SETS

AN/TRM-3 SWEEP GEN. 15-400 Mhz AM-FM, \$295.
AN/URM-99 IFF TRANSPONDER TEST SET, \$295.00
AN/URM-76 TEST METER for AN/ARC-34, \$30.00
FR-4/URM-79 FREQ. METER, 100 KHz-20 Mhz, \$75.
FR-5/URM-80 FREQ. METER, 10-500 Mhz, \$75.00
FR-6/URM-81 FREQ. METER, 100-500 Mhz, \$85.00
FR-36/USM-26 COUNTER, like HP524B, exc-\$135.
IM-36B/URM-106 RI-FI SET, 14-250 KHz, WRITE
SG-299 SQUARE WAVE GENERATOR, 1 Hz-1 Mhz, \$45
FR-114/TSM-16 FREQUENCY METER w/6-NIXIE tube readout, 20 Hz-1 Mhz; 70 lbs sh. \$75.00
AN/PDR-54 RADLAC SET, detects and measures alpha radiation, 0-100K counts/min., \$45.00

SG-321 LOW FREQUENCY FUNCTION GENERATOR, .008 to 1200 Hz square, triangular, or sine wave in five multiplier ranges. Max. output: 33 p-p. Synch pulse 22.5 V peak neg., less than 5 u-sec duration. Internal impedance: 40 ohms. Output balanced or single-ended; 19 tubes. Requires 115/230 VAC 50-400 Hz. 12x19 1/2 x 14 1/2, 65 lbs sh. Unused, \$85.00

HEWLETT-PACKARD

HEWLETT-PACKARD TEST METERS, used-complete; add \$30 for "checked" price. Manuals, \$7.50 each when purchased with a meter.

HP-400D VTVM, 0.0001 to 300 V-rms in twelve ranges; -50 to +60 db. 10 Hz-4 Mhz response. 23 lbs sh. Repairable, \$65.00
HP-400DR, same as above, except rackmount; 30 lbs. \$60.
HP-400HR, similar to "DR" but twice as accurate plus a 5" mirrored scale; 30 lbs. \$75.

HP-410B VTVM features 20 Hz to 700 Mhz response for 1 to 300 V-rms in 6 ranges; to 1000 VDC in seven ranges; also ohm scales X1 thru X1M. With HF AC probe. 15 lbs sh wt. Repairable, \$79.50

HP-411AR RF MILLIVOLTER, 3 mv to 10 V over 500 KHz to 1 Ghz range. Rackmount; 22 lbs sh wt. Repairable, \$100.00

HP-412AR DC VOLTMETER, 1 mv to 1000 VDC in 13 ranges. Also 1 microamp to 1 amp and 1 ohm to 100 megohms. 1/2 design accuracy. Has mirrored scale; rackmount. 25 lbs sh. \$100.00

HP-413AR DC NULL VOLTMETER, has thirteen zero-centered ranges from 1 mv to 1000 VDC plus expanded scale. Rackmount; 18 lbs. \$75.

HP-425AR DC MICROVOLT-AMMETER, 1 uv to 1 V and 1 p-amp to 3 ma; 28 lbs. Checked, \$160.

HP-430C MICROWAVE POWER METER designed for frequencies up to 40 Ghz and as low as 10 Mhz when used with proper thermister mount. Power readings from 0.1 to 10 MW; -20 to +10 db. See 4/77 Ham Radio for amateur usage. 21 lbs sh. Used, no thermister mt., \$45.00
HP-430C with HP-477B 10 Mhz to 10 Ghz thermister mount, repairable, \$100.00

HP-3440 DIGITAL VOLT-METER with HP-3445 AC/DC plug-in; 0.001 to 999.9 VAC and VDC. 10 megohm impedance; manual, auto, remote ranges. 25 lbs sh. \$180.00

HP-212A PULSE GENERATOR, 0.07-10 usec, \$50.
HP-302A WAVE ANALYZER, 20 Hz-50 KHz; high selectivity and sensitivity, 10 Hz resolution. 30 uv-300 Vrms and 75 db range \$325.
HP-500BR FREQUENCY METER, 3 Hz-100 KHz, \$45.
HP-608ER SIGNAL GENERATOR, 10-480 Mhz AM, 0.1 uv-1 volt output; rackmount, \$995.00
HP-650A TEST OSCILLATOR, 10 Hz-10 Mhz; 30 uv to 3 volts, 600 ohms input, \$115.00
HP-685A SWEEP OSCILLATOR, 5.2-8.5 Ghz, \$200.

TEST EQUIPMENT QUANTITIES LIMITED

AD-YU 206A MICROWAVE PHASE and TIME DETECTOR, 1100-6000 Mhz with adapters and book, \$495.
BOONTON 160A Q METER, 50 KHz-75 Mhz, \$125.00
BOONTON 190A Q METER, 20-260 Mhz, \$235.00
BOONTON (HP) 8900B PEAK POWER CALIBRATOR, 50-2000 Mhz pulsed RF power, \$225.00
FLUKE 801 DC DIFFERENTIAL VOLTMETER, \$25.00
FLUKE 803B AC-DC DIFFERENTIAL VOLTMTR., \$100.
GENERAL RADIO 546C MICROVOLTER, \$65.00
GR-740B CAPACITANCE TEST BRIDGE, \$95.00
GR-716B CAPACITANCE BRIDGE, to 1.1 uf, \$115.
GR-916A IMPEDANCE BRIDGE, 0.4-60 Mhz, \$125.
JR-1390B NOISE GENERATOR, 5 Hz-5 Mhz, \$75.00
GR-1551A AUDIO LEVEL METER, \$95.00
GR-1564A SOUND and VIBRATION ANALYZER, \$145.
GR-1605A IMPEDANCE COMPARTOR, 2-20M \$165.
GR-1611A CAPACITANCE BRIDGE, to 1.1 uf, \$100.
GR-1652A RESISTANCE LIMIT BRIDGE, \$145.00
GR-1159 RECIPROCATING COUNTER, "as-is" WRITE
KROHN-HITE 3500 BANDPASS FILTER, solid-state 200 Hz-200 KHz, with book, NEW, \$125.00
MEASUREMENTS 65B SIGNAL GENERATOR, 75 KHz to 30 Mhz in five ranges; 2.2 v output \$125.
NORTH ATLANTIC VM-301 PHASE ANGLE METER, 10 Hz-100 KHz; θ null detect- θ sensitive, \$215.
RUBICON 2786 uV POTENTIOMETER, 0-11111.1 uv (.01 uv/step) & 11111.0 uv (0.1 uv), \$165.
TELONIC PD-9B SWEEP GENERATOR, 225-400 Mhz, metered for 40 watts CW, 20 W RF, \$250.00

SIGNAL GENERATORS



HEWLETT-PACKARD 606A, 50 KHz to 60 MHz AM in six bands. Output: 0.1 uv to 3 volts into 50 ohms, vernier and step controlled. Features constant output and modulation and low distortion.

10 1/2 x 19 x 13 1/2, 50 lbs sh. Used, checked, \$795.00
 TS-418/URM-49, 400-1000 Mhz AM, CW, pulse. Output: 0.2 to 200K uv into 50 ohms. 12 1/2 x 17 1/2 x 13 1/2, 70 lbs sh. Used, reparable, \$175.00

TS-419/URM-64, 900-2100 Mhz CW and pulse @ 1 MW max. into 50 ohms. Repetition rate between 40 and 4000 pulse/sec. Delay: 3 to 300 u-sec. 14 x 17 1/2 x 11, 50 lbs sh. Used, reparable, \$165.



TS-403/URM-61, 1.8-4.2 GHz CW, FM, pulse @ 1 MW into 50 ohms. Similar to HP-616B. 17 1/2 x 13 1/2 x 13 1/2, 65 lbs sh. Used, reparable, \$185.00

AUDIO OSCILLATOR

TS-382-AUDIO OSCILLATOR, 20 Hz to 20 KHz in FOUR BANDS. OUTPUT: 0 TO 10 VOLTS ACROSS 1000 OHMS. WITH BUILT-IN 60 AND 400 HZ REED FREQUENCY METER. SIZE: 10x12x18 1/2, SHPG. WT: 50 LBS. NET: 45 LBS. PRICE: USED, REPARABLE, \$49.50. CHECKED, \$65.



TS-382F AUDIO OSCILLATOR, MOST RECENT VERSION TS-382. USED, REPARABLE, \$60. CHECKED, \$75. TRANSIT CASE F/TS-382F, USED, \$10.00.

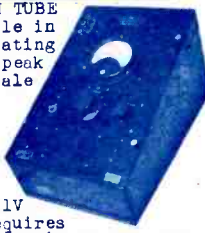
50 TO 400 MHZ FM



SG-3/URM-70 FM SIGNAL GENERATOR, 50-400 Mhz in three bands. Internal modulation @ 1000, 1600, or 20000 Hz. External: 250 to 75 KHz. FM deviation: 0-15-75-150 KHz (50-100 Mhz), 0-30-150-300 KHz (100-200 Mhz), and 0-60-300-600 KHz (200-400 Mhz). Output: 0.1 to 100K u-volts, -25%. 50 ohm output. Power required: 115 VAC 60 Hz. 15x11 1/2 x 17 1/2; 80 lbs sh. Used, reparable, \$225.00 Checked, \$295. MANUAL, partial repro, \$10.

GENERAL RADIO VTVM

GENERAL RADIO 726A VACUUM TUBE VOLTMETER, the old GR-style in 1/2" thick walnut cabinet dating to late-1930's. Measures peak RMS voltages with full scale ranges 0-1.5-5-15-50-150 VAC. Input impedance: 5 megohms at audio frequencies; decreases at higher frequencies with 380 Mhz resonance when probe is used. Has tubes 1V and 6Q7 and schematic. requires 115 VAC 60 Hz. Size: 9 1/2 x 7 1/2 x 13 1/2; 21 lbs. sh. Used, reparable-less probe, \$27. W/probe, \$35



VOLTMETER-VLF RECEIVER



ME-71/FCC AUDIO LEVEL METER, covers 20 to 500 KHz CONTINUOUSLY TUNABLE. AS SELECTIVELY DETECTOR, IT MEASURES RF CARRIER ACROSS A 135 OHM BALANCED OR 600 OHM UNBALANCED LINE. VARIABLE ATTENUATOR PROVIDES INPUT SENSITIVITIES FROM -70 to -42 DBM INDICATED ON 3 1/2" DIA. METER. INCLUDES 100 KHz CALIBRATOR. [INPUT IMPEDANCE: 10K OHMS. AUDIO GAIN AND TWO PHONE JACKS. VARIOUS MODELS ("C" PICTURED). POWER REQUIRED: 115 VAC 60 Hz. 17x14x9; 40 LBS SH. ME-71, w/NATIONAL-TYPE DIAL, USED, \$40.00 ME-71B, USED, REPARABLE, \$45. ME-71C, \$50. OPERATIONAL, ADD \$30. MANUAL, REPRO, \$8.50

DISTORTION ANALYZER



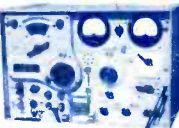
HEWLETT-PACKARD DISTORTION ANALYZER MODEL 3308B. WILL GIVE QUICK ACCURATE MEASUREMENTS OF DISTORTION AS LOW AS 0.1% AT ANY FREQ FROM 20 CPS TO 20,000 CPS

IT WILL MAKE NOISE MEASUREMENTS OF VOLTAGES AS SMALL AS 100 MICROVOLTS. THE ANALYZER HAS HIGH SENSITIVITY AND HIGH STABILITY. ITS CIRCUIT 20 DB AMPLIFIER, OSCILLOSCOPE TERMINALS, AND PRECISION VACUUM TUBE VOLTMETER WHICH IS USEABLE SEPARATELY. EXCEPTIONALLY USEFUL FOR ALL KINDS OF AUDIO MEASUREMENTS IN RECORDING, BROADCAST, MOTION PICTURE, LABORATORY ETC. SIZE: 8x19 1/2 x 13 1/2 (RACK MOUNT) WT: SHPG. 40 LBS. PRICE: USED REPARABLE \$185. CHECKED \$225.

TS-723-C SPECTRUM ANALYZER, MILITARY VERSION OF HP-3308; USED, REP, \$165. CHECKED, \$210

FM SIGNAL GENERATOR

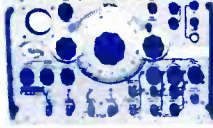
SG-12/URM- FM SIGNAL GENERATOR, 19.5 to 102 Mhz FM IN FIVE BANDS WITH DEVIATION RANGES 0 TO 25, 50, AND 100 KHz; 1000 Hz MODULATION. ALSO IF OUTPUTS ON 1.4, 2.515, 2.65, 2.88, 4.3, 4.45, 5.0, 5.35, 15 Mhz, PLUS TWO SPARE POSITIONS. CALIBRATED OUTPUT VOLTAGES: 0.5 UV TO .01 VOLTS (RF); 0.5 UV TO 1.0 V (IF). OUTPUT IMPEDANCES: 10 OHMS (RF); 25 OHMS (IF). WITH 1 Mhz AND/OR 2 Mhz CRYSTAL CALIBRATOR MARKERS. POWER REQUIRED: 115/230 VAC 50-1000 Hz. SIZE: 12x18x12; SHPG WT: 85 LBS.



Used, reparable \$185; Checked \$225. MANUAL for SG-12, partial reproduction, \$12

FREQUENCY COMPARATOR

CM-212/USM-144 FREQUENCY COMPARATOR, USED WITH FREQ. COUNTERS TO DETERMINE WITH HIGH ACCURACY FREQUENCIES FROM 10 Mhz TO 12.4 GHz. MEASURES CW, FM, AND PULSE MODULATED SIGNALS. AN UNKNOWN SIGNAL IS FED INTO THE USM-144 AND IS COMPARED TO A MIXED FREQ. GENERATED FROM A STABLE AND CONTINUOUSLY ADJUSTABLE FUNDAMENTAL FREQ. FROM 100 TO 220 Mhz. THE DIFFERENCE IN THE UNKNOWN IS SHOWN ON A 2" DIA. (2EP1) SCOPE. FINAL DETERMINATION OF THE INPUT SIGNAL IS MADE BY THE ZERO BEAT OF THE FUNDAMENTAL FREQ. AND THE MULTIPLYING OF THAT VALUE BY THE APPROPRIATE HARMONIC. POWER REQUIRED: 115 VAC 50-440 Hz. SIZE: 19 1/2 x 13 1/2 x 13 1/2, SHPG. WT: 65 LBS. USED, REPARABLE, \$99.50



USM-144 MANUAL, PARTIAL REPRODUCTION, \$8.50

DIGITAL DC VOLTMETER

DIGITIX 251 DC DIGITAL VOLTMETER, uses RTL logic and four Nixie tube display (2/B5441 and 2/B5440). Has 10v, 100v, and 1000v push-button scales. However, original user tagged these meters, "Do not exceed 400 VDC." Units have calibrate and zero select and adjust, over-range neon indicator, and BCD data output board. Sampling rate adjustable 10/sec to one/2 sec; max. interrogation 10 samples/sec. Requires 115 VAC 60 Hz. 4 1/2 x 8 1/2 x 11 1/2, 15 lbs sh. Used, reparable with manual, \$45.00



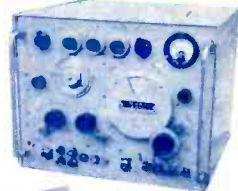
TS-505 VOLTMETER

TS-505/U VACUUM TUBE VOLTMETER with ranges 0 to 2.5, 5, 10, 25, 50, 100, 250, and 500 Vrms and VDC plus 1000 VDC scale. Also X1 thru X1 Megohm ranges. AC scale is peak indicating. Frequency response: 30 Hz to 5 Mhz. With AC, DC, and ohm probes. Power required: 115 VAC 60 Hz. 9 1/2 x 9 x 6; 17 lbs. sh. Used, reparable, \$45. Checked, \$60.00;

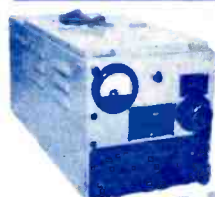


3.8 TO 7.5 GHz GENERATOR

SG-557/TS-621 SIGNAL GENERATOR, 3.8 to 7.5 GHz; similar to Hewlett-Packard 618. Unit has internal FM, CW, pulsed or square-wave modulation. Pulse rate variable 40-4000 pps. Pulse width: 0.5 to 10 usec. Output: 1.0 MW into 50 ohms directly calibrated into microvolts and db. FM rate: 40-4000 Hz. External sine wave sync: 40-4000 Hz, 5-50 Vrms amplitude. External pulse sync: 0-4000 pps, 5-50 V amplitude positive and negative; width 0.5 to 2500 usec. Has 29 tubes including 6236 klystron. Requires 105-125 VAC 50-1000 Hz. Size: 17 1/2 x 14 1/2 x 9 1/2, 110 lbs sh wt. Used, reparable with output, \$265.00 \$215. MANUAL f/SG-557/TS-621, partial repro., \$10.



0.1-10 GHz FREQ. METER



TS-186/UP FREQUENCY METER, measures frequencies from 100 Mhz to 10 GHz using harmonics of a 50-1250 Mhz heterodyne oscillator. Zero beat dial readings are interpolated into frequencies via a calibration book. Zero beat indicated on an 10-1 milliammeter or monitored through a 600 ohm headphone jack. RF signal input must be from 500 MV to 1 V for proper use. With tubes 2040, 955, 5Y3, 2/0D3, and 5/6SJ7. Power required: 115 VAC 50-1000 Hz. 9 1/2 x 8 1/2 x 20; 48 lbs. sh. Used, reparable \$265 \$75; Checked, \$110. MANUAL f/TS-186, partial reproduction, \$8.50

TRANSISTORIZED SCOPE

OS-106/USM-117 TRANSISTORIZED OSCILLOSCOPE, DC to 5 Mhz bandwidth, 4QF2 rectangular CRT, and is very compact. Includes MX-2996 high gain vertical plug-in plus has dual-trace capabilities when used with MX-2995 plug-in (not available). Sweep range: 0.1 usec to 0.1 sec in 19 calibrated steps in 1, 2, 5, 10 sequence. Vertical sensitivity: 0.01 v/div to 20 v/div in 11 calibrated steps in 1, 2, 5, 10 sequence, variable to 50 v/div. Input impedance: 1 Mohm shunted by 47 pf. Calibrator generates 1 Khz square wave at either 0.04 or 0.4 V p-p. Probe and cover not available. Requires 115 VAC 50-60 Hz or 400 Hz. 8 1/2 x 9 1/2 x 14 1/2; 28 lbs. Used, reparable, \$185.00 Checked, \$285. MANUAL, repro, \$15 w/purchase.



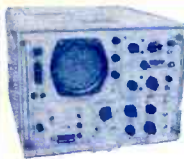
SCOPE ACCESSORY

TS-433B ELECTRONIC SWITCH, provides two independent time bases for an oscilloscope—allowing for the simultaneous display and comparison of two signals. Unit also functions as square wave generator and as a DC chopper amplifier. Expands the capabilities of AC-coupled scopes. Switching rate: 10-2000 times/sec continuously variable. Freq. response: 0-5000 Hz. Square wave generator range: 10-500 Hz with amplitude variable to 30 V p-p. Input impedance: 100K ohms. Output imp: 50K ohms. Max. signal output: 75 V, p-p. Requires 115/230 VAC 50-60 Hz. 10x8 1/2 x 13, 30 lbs sh. Used, reparable, \$29.95 MANUAL f/TS-433, partial reproduction, \$8.50



TS-34A/UP OSCILLOSCOPE with 2AFL CRT Bandwidth: 30 Hz to 1 Mhz. Risetime: 0.25 to 30K u-sec. Sweep adjustable in three ranges from 10 to 50,000 Hz. Input impedance: 62 ohms (low) or 430,000 ohms shunted by 12 pf (hi). Input sensitivity 0.1 to 1 V. Low impedance. Requires 115 VAC 50-1000 Hz; 40 lbs sh. TS-34A/UP SCOPE, gov't-reconditioned, \$65.00

DUAL-TRACE PRICE-CUTS



AN/USM-140C OSCILLOSCOPE, DC to 30 MHz mainframe, similar to H-P 170A. INCLUDES MX-2930 DUAL-TRACE VERTICAL PLUG-IN WITH DC TO 22 MHz PASSBAND. INPUT IMPEDANCE: 1 MEG-OHM SHUNTED BY 30 PF. INPUT SENSITIVITY: 0.02 VOLT/CM TO 20 V./CM. FUNCTIONS: CHANNEL

A, CHOPPED, A-B, AND ALTERNATE. HORIZONTAL MX-3078 PLUG-IN SWEEP RATE: 0.1 U-SEC/CM TO 5 SEC/CM. HORIZ. SENSITIVITY: 0.1 V/CM TO 10 V/CM. MAGNIFIER X1 TO X100 IN SEVEN STEPS. CALIBRATOR: 0.2 MV TO 100 V. IN NINE RANGES. POWER REQUIRED: 115/230 VAC 50-1000 HZ. SIZE: 14 $\frac{1}{2}$ x19x22; SHWG. WT: 110 LBS. PRICE: USED, REPARABLE, \$195. CHECKED, \$295.

AN/USM-105A SCOPE WITH DUAL-TRACE PLUG-IN, SAME AS USM-140 EXCEPT DC TO 15 MHz RESPONSE. PRICE: USED, REPARABLE, \$135. CHECKED, \$195.

OS-8 OSCILLOSCOPE

OS-8/U OSCILLOSCOPE WITH 3RPI CRT

HIGHLY PORTABLE UNIT HAS DC TO 2 MHz VERTICAL RESPONSE; DC TO 500 KHZ HORIZONTAL. VERTICAL AND HORIZONTAL SENSITIVITY: 0.075 V-RMS FOR 1" DEFLECTION. SWEEP RANGE: 3 TO 50 KHZ. INPUT IMPEDANCE: 9 MEGOHMS SHUNTED BY 11 MMF (DC). DIRECT ACCESS TO VERTICAL AND HORIZONTAL PLATES. POWER REQUIRED: 115 VAC 50-1000 HZ. SIZE: 9x6x13 $\frac{1}{2}$; SH WT: 20 LBS. PRICE: USED, REPARABLE, \$44.50; CHKD. \$69.50

MANUAL for OS-8, partial reproduction, \$8.50

DUMONT 304 SCOPE



DUMONT 304H OSCILLOSCOPE, has big 5" CRT (SCPI). DC to 100 KHz response; usable to 300 KHz. 100 MV full scale vertical sensitivity. Sweep: 2-30 KHz. Max. sweep rate: 1" per u-sec. Input impedance: 2 megohms paralleled by 50 pf. Graticule not included. Power required: 115/230 VAC 50-60 Hz

9x13 $\frac{1}{2}$ x19; 65 lbs. sh. Used, repairable, \$45. 304H SCOPE shipped with 5CP7 CRT, \$49.50 DUMONT 304A SCOPE, same as "H" model, but uses 5ADP1 flat-faced CRT. Used, rep., \$50. MANUAL for 304A or H, partial repro., \$8.50

SCOPE FOUNDATION



TS-1273 OSCILLOSCOPE, originally the display unit for a radar test set, but appears to be a good foundation for a compact scope. Features a 3" sq. flat-face (4MFL) CRT. 50 Hz-6 Mhz response; 0.05 u-sec risetime. Input attenuation ranges: .05, .1, .2, .5, 1, 2, 5, 10, and

20 v/inch. Selectable input imped: 7 megohms (approx) or 75 ohms. Controls for vertical, horizontal, astig., focus, intensity, vert. attenuator, and impedance. With CRT shield, bezel, and tubes 4MFL, 2/1V2, 5/5814, 2/6B45. No sweep generator, horiz. amp, or blanking circuits. Requires 250 VDC deflection volts; +1500 and -1500 VDC high voltage originally supplied from internal oscillator type source. Schematic incld. 17x4 $\frac{1}{2}$ x8; 12 lbs. sh. Used, w/all tubes, \$30. w/4MFL only, \$25.

TEKTRONIX RM503 DC to 450 KHz; 1 u-s/cm to 5s/cm sweep calibrated, to 12 s/cm uncalibrated. Magnifier X2-5-10-20-50.



Sensitivity 1 mv/cm-20 v/cm calibrated; to 50 v/cm uncalibrated. Amplitude calibrator 500 mv and 5 mv p-p V square wave; 5" CRT. 115/230 VAC 50-800 HZ. 7x19x17, 38 lbs sh. Used, repairable, \$165.00; Checked, \$215.00

RADIATION INDICATOR



CP-95/PD RADIAC COMPUTER-INDICATOR, DESIGNED TO SHOW THE AMOUNT OF X- AND GAMMA RADIATION TO WHICH A DT-60/PD (NOT AVAILABLE OR SIMILAR SILVER-ACTIVATED PHOSPHOR GLASS RADIATION DETECTOR TUBE HAS BEEN EXPOSED, AN EXPOSED DETECTOR GLOWS ORANGE IN

THE CP-95'S 4 W ULTRAVIOLET LIGHT. THE INTENSITY OF THE LUMINESCENCE IS MEASURED BY A 931VA PHOTOMULTIPLIER TUBE. THE OUTPUT OF THIS TUBE IS THEN TRANSLATED INTO ROENTGENS AND IS SHOWN UPON A 0-200-600 ROENTGENS METER (SIZE: 4 $\frac{1}{2}$ x4 $\frac{1}{2}$; FS-100 UA.) SET INCLUDES FRONT COVER AND TUBES 5726, 5814, 931VA, CK1039 (OR 6143), AND OA2. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 9x9 $\frac{1}{2}$ x17; SHGP. WT: 30 LBS. PRICE: UNUSED, \$27.95; MANUAL, \$5.00

PANORAMIC INDICATOR

IP-173 PANORAMIC SPECTRUM

INDICATOR, SIMILAR TO SINGER S8-8T. DESIGNED TO SCAN AND ANALYZE RF SIGNALS TO IDENTIFY SIGNAL LEVEL, FREQUENCY, AND MODULATION. CAN BE USED TO DETERMINE CORRECT DEVIATION RATIO OF FM TRANSMITTERS. USABLE UP TO 1000 MHz; DISPLAYS UP TO 1000 KHz SPECTRUM WIDTH. CENTER FREQ: 5 MHz. BANDPASS: 4.5 TO 5.5 MHz. IF TRANSFORMERS TUNED TO 1.5 MHz; FM OSCILLATOR MEAN FREQ: 6.5 MHz. INPUT IMPED: 50 OHMS. DIRECT SENSITIVITY: 100 UV FOR $\frac{1}{4}$ " DEFLECTION ON CRT @ 5 MHz. SAW-TOOTHED SWEEP; RATE 1 Hz (NON-SYNCHED), 5, 30, AND 25 TO 35 Hz VARIABLE. HAS 5UP7 CRT. POWER REQUIRED: 2/6.3 VAC, 265 VDC, AND -1870 VDC. 12 $\frac{1}{2}$ x22 $\frac{1}{2}$ x20 $\frac{1}{2}$; 68 LBS SH. USED, REPARABLE, \$60.

IP-173 less cabinet; fits rack, used, \$45.00 MANUAL for IP-173, partial repro, \$8.50 115 VAC 60 Hz SUPPLY for IP-173, \$25 if purchased w/set. Interconnect cable sold out. CONSTANT VOLTAGE TRANSFORMER for IP-173 system, 95-130 VAC 60 Hz in; 115 VAC 60 Hz 120 watts out. #SOLA/IP-173, used, \$16 with set.

HIGH FREQUENCY VTVM

ME-180/USM-116 VACUUM

TUBE VOLTMETER for volt measurements at frequencies up to 100 Mhz with probe and to 700 Mhz when used with coaxial T-connector accessory. Measures 0.01 to 300 V-rms in six ranges; 0.02 to 1000 VDC in seven ranges; 0.02 to 1000 MA-DC; and 0.2 to 1000 megohms. AC input impedance: 8 megohms (20 Hz); 80 kilohms shunted by 1.5 pf @ 50 Mhz. DC input imped: 100 megohms. Unit is electronically similar to HP-410B. With basic test leads and tubes 3/6AU6, 6X4, and 6923/EA52 in the AC probe. Requires 115 VAC 50-60 or 400 HZ. 7x8 $\frac{1}{2}$ x12 $\frac{1}{2}$; 21 lbs sh wt. Used, repairable without accessories, \$55.00 Checked, w/o access. \$80.00; T-conn. \$10.00 MANUAL for USM-116, partial repro. \$8.50

FR-149 FREQUENCY METER



FR-149/USM-159 TRANSISTORIZED FREQUENCY METER, COVERS 125 KHZ TO 1000 MHz IN THREE RANGES: 125 KHZ-2.5 MHz, 2.5-65 MHz, AND 65-1000 MHz. CAN BE USED AS A SIGNAL GENERATOR BY PROVIDING EITHER MODULATED OR UNMODULATED SIGNALS.

FREQUENCY FUNDAMENTALS READ DIRECTLY FROM MAGNIFIED AND ILLUMINATED CALIBRATED FILM STRIP AND THEN INTERPOLATED IN ACCOMPANYING CALIBRATION BOOK. OPERATES FROM EITHER SIX "D" CELL BATTERIES OR FROM 115/230 VAC 50-450 HZ. SIZE: 11 $\frac{1}{2}$ x11 $\frac{1}{2}$ x13; SHGP. WT: 33 LBS. USED, REPARABLE, \$99.50 CHECKED, \$150.00

8500-9600 MHZ TEST SET

TS-148/UP SPECTRUM ANALYZER, 8470-9630 Mhz with 3" CRT (3RPI) display. Measures frequencies of cavities, echo boxes, magnetrons, and local oscillators. Receives CW and pulse; transmits CW and FM carrier. 1 MW power output (2K25). Max. spectra dispersion: 1.5 Mhz/in. Requires 115 VAC 60 HZ. 19x13 $\frac{1}{2}$ x25, 45 lbs sh. Used, \$50.00



AN/UPM-33 TEST SET, includes TS-148/UP, wave guides, horn antenna, cables, transit case, and manual; 80 lbs sh. Used, \$85.00

FR-72 TUNED CAVITY for the 8500-9000 Mhz range. 0-30 u-ammeter indicates stored energy. With 1N-23B crystal diode, UG-446 waveguide to N connector adapter, and 8' coax. 16x26x14; 40 lbs sh. Unused, \$34.95

PHASE-TEST SCOPE



MK56 PHASE-TEST SCOPE, essentially an OS-8 oscilloscope modified to check phasing of selsyns and synchros. Major changes are the addition of a phase tune 0-360° dial and enlarged case. Unit has 3RPI CRT DC to 2 Mhz vertical, and DC to 500 KHz horizontal response Sweep: 3 to 50 KHz. Input impedance: 9 megohms shunted by 11 pf. Schematic incld. Requires 115 VAC 50-1000 HZ. 9 $\frac{1}{2}$ x9 $\frac{1}{2}$ x17, 24 lbs sh. Used, repairable \$55.

ORION AC VTVM



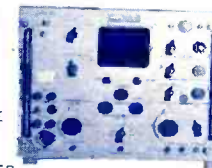
ORION V-100M VACUUM TUBE VOLTMETER with 6" W X 4 $\frac{1}{2}$ " mirrored scale; similar to Hewlett-Packard 400H. Twelve full scale meter ranges from 0.001 to 300 VAC (rms) or -60 to +50 DB. Response 10 Hz to 4 Mhz. Input impedance 10 megohms shunted by 24 pf (.001-0.3 V) or 14 pf (1-300 VAC). Requires 115/230 VAC 50-1000 HZ. 11 $\frac{1}{2}$ x7 $\frac{1}{2}$ x11 $\frac{1}{2}$, 22 lbs sh. Used, repairable, \$45. Checked, \$75.

DATA TECH 3312-11



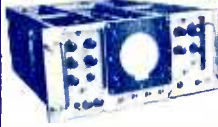
DIGITAL PANEL METER, 0-20 VDC 3 $\frac{1}{2}$ digits; Data Tech Model 3312-11. Accuracy: $\pm 0.1\%$ reading plus one count. Input impedance: 10 megohms. Has Sperry 7-segment 0.5" readouts. Also auto polarity, overvoltage protection ± 200 V., external control and BCD outputs. Uses standard TTL and linear IC's for easy repair. Manual and schematic included. 4" W x 1-7/8" H x 5 $\frac{1}{2}$ " D. 3 lbs sh. Checked, \$39.50

AN/USM-50 OSCILLOSCOPE WITH 3ADP1 CATHODE RAY TUBE AND 15 MHz BANDWIDTH, RISE TIME FROM 0.022 U-SEC TO 30,000 U-SEC. SWEEP TIME CONTINUOUSLY ADJUSTABLE FROM 0.17 TO 37,500 U-SEC WITH SWEEP DELAY THAT ALLOWS 10% OF SWEEP LENGTH TO BE EXPANDED 10 TIMES FOR SWEEPS GREATER THAN 5 U-SEC. TRIGGER PULSE FROM 10 TO 10,000 HZ WITH 0.15 U-SEC RISE TIME. TIMING MARKERS SYNCHED AT 0.2, 1, 5, 20, 100, 500 AND 2000 U-SEC.



VERTICAL INPUT IMPEDANCE: 1 MEGOHM SHUNTED BY 40 UUF FOR ALL ATTENUATOR POSITIONS HORIZONTAL IMPED: 1 MEGOHM SHUNTED BY 30 UUF INPUT VOLTAGE: 0.03 TO 90 VOLTS PEAK INPUT SENSITIVITY: 10 MV/CM-RMS CALIBRATION: 1 KHZ ADJUSTABLE 20 TO 200 MV. EXTERNAL CONNECTIONS POSSIBLE TO BOTH THE VERTICAL PLATE AND THE HORIZONTAL AMPLIFIER. POWER REQUIRED: 115 VAC 50 TO 1000 HZ SIZE: 15 $\frac{1}{2}$ x19 $\frac{1}{2}$ x16 $\frac{1}{2}$ WT: 80 LBS. LESS PROBES PRICE: USED, REPARABLE \$75.00 USED, CHECKED \$100.00

TRANSISTORIZED SCOPE



HFE T4214A TRANSISTORIZED OSCILLOSCOPE; ENGLISH MANUFACTURED SCOPE USES PRINTED CIRCUIT CARDS FOR THE PRE-AMP, SIGNAL DEFLECTION AMP, TIME BASE, INTENSITY MOD, AND SWEEP AMP. PROVISIONS ALSO FOR SIGNAL DELAY, TRIGGER PICK-OFF, AND TRIGGER DELAY PC CARDS (NOT AVAILABLE). ESTIMATED FREQUENCY RESPONSE: 300 KHZ LIMITED BY DEFLECTION AMP. USES 5LCP11 CRT; SWEEP IS FROM TOP TO BOTTOM BUT CAN BE CHANGED TO LEFT TO RIGHT. INCLUDES CONTROLS: FOCUS, BRIGHTNESS, ASTIG., SIGNAL SHIFT, INPUT ATTENUATOR (0.1 to 10 V./DIV. IN 7-STEPS); TIME BASE (1 u-sec to 10 M-sec in 5-STEPS); MULTIPLIER X.5, X1, AND X2; TIME BASE SHIFT, TIME BASE DEFLECTION (EXT/INT); TRIGGER LEVEL; AND FREE RUN/SINGLE SHOT. SLIGHTLY BENT FRAME; LESS CASE AND POWER PLUG. POWER REQUIRED: 115 VAC 60 Hz OR 12 VDC 1 AMP. SIZE: 9x17x25, SHPG. WT: 60 LBS. PRICE: USED, REPARABLE \$50.00

TELETYPEWRITER SCOPE



TDA-2N TS-1060 TELETYPEWRITER TEST SCOPE, MEASURES BIAS AND DISTORTION OF START-STOP AND SYNCHRONOUS TELEGRAPH SIGNAL ON A 3" CRT. INPUT SPEEDS APPROX. 60 WPM (5 UNIT CODE), 60, 75, 100 WPM 7.42 CODE, AND BAUD SPEED EQUIVALENTS TO 60, 75, 100 WPM (10.42 UNIT CODE). INPUT IMP. 100 OHMS FOR 60MA NEUTRAL; 300 OHMS FOR 20MA NEUTRAL AND 30MA POLAR. MEASUREMENT RANGE 0-50% MARKING, OR SPACING BIAS AND DISTORTION. TUBES: 3KP1, 5651, 0A2, 3/12AT7, 6X4, 0B2, 3/5963, 5726. POWER REQUIRED 115/230V 60HZ. 8x8x15 SHPG. WT: 24 LBS. USED REPARABLE \$34.95 (FOUNDATION UNIT) LESS C.R. TUBE 24.75

ME-9 MULTIMETER



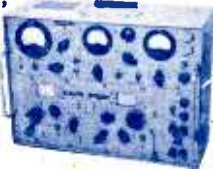
ME-9/TS-352 MULTIMETER, PORTABLE GENERAL PURPOSE VOM. 1000 OHMS/VOLT AC-DC SENSITIVITY OR 20,000 OHMS/V. SENS. DC ONLY. MEASURES AC-DC VOLTS FROM 2.5 TO 1000 V. IN SIX RANGES. DC AMPS FROM 250 u-AMPS TO 10 AMPS IN EIGHT SCALES; OHMS FROM X1 TO X10K. WITH 4" METER (FS=50 uA); JACK FOR 5000 VDC @ 20,000 OHMS/V.; AND TEST LEADS. REQUIRES THREE 4 1/2 VDC AND ONE 1/2 VDC BATTERIES (NOT AVAILABLE). SIZE: 11x8x6; SHPG. WT: 7 LBS. USED. PRICE: REPARABLE, \$29.95; CHECKED, \$39.95

TS-375/U VACUUM TUBE VOLTMETER, AC VOLTS RANGES FROM 1.2 TO 120 VAC IN SIX STEPS; DC VOLTS FROM 1.2 TO 300 VDC. FREQUENCY RESPONSE FROM PANEL TERMINALS: 40 Hz to 50 KHz; OR 10 KHz to 150 Mhz USING PROBES. WITH BOTH AC AND DC PROBES. POWER REQUIRED: 115 VAC 60 Hz. SIZE: 10x10x6; SHPG. WT: 23 LBS. USED. PRICE: REPARABLE, \$18.95;



MULTI-PURPOSE TEST SET

AN/TRM-1 SIGNAL GENERATOR, covers 0.19-400 Mhz AM using two RF oscillators SG-32 (0.19-30 Mhz in 5-bands) and SG-33 (30-400 Mhz). Internal modulation 0-60% @ 1 KHz or 200-6000 Hz external. Output: 2.5 to 100K u-volts in nine steps; 50 ohm impedance. Built-in voltmeter measures 0-3-30-600 VDC, 0-3-30-300 VAC, and 0-10-100-1000 MW. Also tests performance of 3 to 100 watt transmitters over freq. range when proper coupler and dummy load (not included) is used. Write for availability/price of accessories. Requires 115 VAC 60 Hz. 18x13x8; 65 lbs. Shipped UPS in two cartons. Used, reparable \$135. Checked, \$225. MANUAL, partial repro., \$10.



TEKTRONIX

TEKTRONIX manufactured test equipment removed from service. Sold in "used, reparable" condition. Write for "checked" price. Scopes requiring plug-ins are sold "less plug-in." qty. 1td.

TYPE 531 DC to 15 Mhz, plug-in type, \$150.00
532 DC to 5 Mhz, plug-in type, 125.00
533 DC to 15 Mhz, plug-in type, 165.00
535 DC to 15 Mhz, with sweep delay, plug-in type, \$185. Checked, \$250.
RM55A rackmount 535A, \$205. Chkd., \$265.
536 DC to 10 Mhz X-Y scope w/T plug-in; requires additional plug-in, \$295.
543A DC to 30 Mhz single time base; x100 mag., plug-in type, \$215.00
545 DC to 30 Mhz with sweep delay, plug-in type, \$250. Checked, \$325.
RM45A rackmount 545A, \$265. Chkd., \$340.
551 DUAL-BEAM to 25 Mhz, uses two plug-ins; with ext. power supply, \$325.
555 DUAL BEAM to 30 Mhz w/sweep delay, Type 21 and 22 time base plug-ins, and external power supply; requires two vertical plug-ins, \$395.00
RM561A compact scope w/2B67 time base plug-in and choice of 2A60 1 Mhz or 2A63 300 KHz diff. plug-in, \$325.
575 TRANSISTOR CURVE TRACER SCOPE, \$315.
RM585A DC to 80 Mhz with sweep delay and 82 dual-trace plug-in, \$525.00
661 PULSE SAMPLING SCOPE w/453 dual-trace and 5TLA time base, \$395.00



VERTICAL AMPLIFIER PLUG-INS for Tektronix 530, 540, and 550-Series scopes and similar scopes by other manufacturers. Various manufacturers. Add \$10 for Tektronix manufactured unit. All "used, reparable." TYPE B, wide-band, high gain, \$45.

TYPE D, High-gain, DC differential, 35.
TYPE E, Low-level, AC differential, 40.
TYPE G, Wide-band, DC differential, 25.
TYPE K, Fast-rise, WRITE 65.
TYPE L, Fast-rise, high gain, 65.
TEK TYPE CA, dual-trace to 24 Mhz, 130.



TEKTRONIX 180A TIME-MARK GENERATOR, 14 time-mark intervals from 1 u-sec to 5 seconds. Three sine wave freq: 5, 10, & 50 Mhz. Trigger rate freq: 1, 10, 100 Hz and 1, 10, 100 KHz. Power required: 115/230 VAC 50-60 Hz. Size: 13x10x16, 37 lbs sh. Used, reparable \$95 Used, checked, \$125.00

FAIRCHILD 766H DC to 24 Mhz SCOPE w/76-02A dual-trace and 74-11A delay plug-ins, \$245.
HEWLETT-PACKARD 122AR DUAL-TRACE SCOPE, DC to 200 KHz; 10 mv/cm sens. Rackmount, \$145.
HICKOK 1805 SCOPE, similar to TEK 545A, reparable, \$165. Manual, \$12 w/scope purchase.

FM SIGNAL GENERATORS

BOONTON (HP) 202H AM-FM SIGNAL GENERATOR, 54-216 Mhz in 2 bands. RF output: 0.1 uv to 200 mv into 50 ohms. 0 to 50% internal AM. FM deviation 0-250 KHz in four ranges. 115/230 VAC 50-400 Hz req. 10x16x18, 56 lbs sh wt. Used, reparable, \$415.00; Checked, \$495.00
BOONTON 207H UNIVERSTER, adds 100 KHz-50 Mhz FM range to 202H, \$75 when purchased w/202H. MANUAL for 202H and 207H, \$12 w/set purchase.
MARCONE TR1066B/1 FM SIGNAL GENERATOR, 10-470 Mhz AM-FM in five bands. Output 0.2 uv to 200 mv. Modulation 1 KHz or 5 KHz; FM deviation scales -20 and -100 KHz. Requires 115 VAC 60 Hz. 14x19x9, 60 lbs sh wt. Used, checked, \$575 (rackmt.); \$595 w/cabinet



FREQUENCY METERS



AN/URM-32 FREQUENCY METER: 125-KC TO 1000 MC IN THREE RANGES, CAN ALSO BE USED AS A SIGNAL GENERATOR WHICH PROVIDES A CHOICE OF MODULATED OF UNMODULATED SIGNALS FOR TESTING AND CALIBRATING RADIO EQUIPMENT. SENSITIVITY WITH AN RF OUTPUT OF .05 MW MINIMUM IS OBTAINED. ACCURACY .01%, RF 100 UV MINIMUM ACROSS EXTERNAL 50 OHM RESISTIVE LOAD. FIVE TUBE HETERODYNE TYPE, POWER REQ. 6 VDC 1 AMP. 180 VDC 25 MA., DRY BATTERY OR AC SUPPLY CAN BE USED. METER IS USED TO READ P.S VOLTAGES. W/CALIBRATION BOOK SIZE: 13x12x13; WT: 29 LBS.
Price: Used, reparable, \$65. Checked, \$95.
115 VAC 60 Hz power supply, \$20 additional.



LM-21 FREQUENCY METER with AC power supply; Crystal calibrated unit covers 125 to 20,000 KHz in two bands. Design accuracy better than 0.02%. AM modulation 40% at 500 Hz. Output voltage: 250 u-volts min. Output impedance: 600 ohms. With calibration book, 1000 KHz crystal, and tubes 6A7, 76, 77, 2/991. Requires 115 VAC 60 Hz. Size: 8x8x8, 14 lbs sh. (meter); 8x8x8x8, 15 lbs sh. (power supply). Used, \$24.95 CHECKED, \$50. Set w/RECONDITIONED meter, \$65.
POWER INPUT CONNECTOR for meter, \$2.00 each.
CONNECTORS (2) for power supply, \$2.00 each.
SHOCKMOUNT, \$2.50 MANUAL, \$7.50
METER ONLY, less tubes, xtal, cal-book, \$12.

PLUG-INS FOR HP-524 AND SIMILAR COUNTERS. USED, REP. ADD \$10 FOR HP MFG. MX-1637 10-100 Mhz, \$35.
CV-594 100-220 Mhz, \$25.
HP-525C 100-500 Mhz, \$125.
HP-526A VIDEO AMP, \$40.
MX-1636 TIME INTERVAL, \$25.00
HP-526C PERIOD MULTIPLIER, \$40.00
TRANSIT CASES F/525-526 PLUG-INS, STEEL (11x8x8), \$5.00. FIBERGLASS (14x9x9), \$10.00

TS-510A SIGNAL GENERATOR



TS-510A/USM-44A SIGNAL GENERATOR, 10 to 420 Mhz AM, CW, and pulsed carrier. Internally modulated 400 or 1000 Hz. External mod: 100 Hz to 20 KHz. Output: 0.1 uv to 0.5 volt into a 50 ohm load. Large 3" round meters indicate Percent Modulation and Output Volts-Peak. With built-in 1 Mhz and 5 Mhz crystal oscillator. Similar to Hewlett-Packard 605B. Power required: 115/230 VAC 50-1000 Hz. 13x16x21, 80 lbs. Used, reparable with output, \$245.00 \$195.

MANUAL for TS-510A, partial reproduction \$10.

MILLIVAC MV28B RF MICRO-VOLTMETER, 1 mv-3 volts full scale, 20 KHz to 1.2 Ghz response. 6" mirrored scale; w/probe Requires 115 VAC 60 Hz; 25 lbs. Used, reparable \$75.



ME-22 DECIBEL METER, measures received testing power for 600 or 8000 ohm impedances. Meter indicates -45 to -25 dbm in 6-steps over 200 Hz to 35 KHz. Used, reparable, \$75.
SG-15/PCM SIGNAL GENERATOR, used with ME-22 as a test power source for gain, loss, and cross-talk measurements. Output: -54 to -25 dbm over 200 Hz-35 KHz, 600 ohms. Used, \$35.



HEWLETT-PACKARD 205AG AUDIO GENERATOR, 20 Hz-20KHz; 5W output into 50, 200, 600, 5000 ohms. Separate input and output voltmeters. Used reparable \$105. Chkd., \$165

PRINTER MECHANISM

MATRIX PRINTER MECHANISM, precision, German-made mechanism used in a U.S. assembled matrix printer which had speeds upto 180 CPS bidirectional, 0-132 or 0-158 columns. Includes single platen, ribbon drive, motors, belts, paper guides, etc. In 26"wx8 1/2"Hx20"D beige plastic case with cast-aluminum base. Cover lifts for easy access. Add your own control/interface electronics and print heads and make it operational. 75 lbs sh wt. #MPM/MI2, unused, \$125.00



#MPM-2P/MI2 MECHANISM, same as above except with dual platen; 80 lbs sh. Unused, \$250.00

PRINTER CASE only as above, #MPC/MI2, \$25.00

PRINTER STAND for the above or other items. 25" high with 13"x24" top support for bolting on desk top or cabinet. Space behind foot panel for storage. Welded steel construction; chocolate brown. O/A 25 1/2"x24x21, 38 lbs sh. Shipped bus or truck only. #PSD/MI2, \$25.00

DATANETICS KEYBOARD as used with matrix printer, 75 keys ASCII encoded. Requires -5, -12 VDC. Assembled keyboard with unassembled, unpainted enclosure. Edge connector, hardware, pinouts incld. \$89.95



MECHANISM PC BOARDS

#217D-242 CARRIAGE-RIBBON MOTOR DRIVER BOARD, provided outputs for red/blk ribbon solenoid, ribbon motors, and carriage as well as voltages for Processor, Controller, and RAM PCB's. Has power transistors 6/TIP142, 3/TIP-140, 3/TIP145, 2/TIP2955, 2/IM320T-12, 2N3055, and related transistors and 74-series IC's; +40 +5 +9 VDC req. \$16.95

#217D-243 PAPER FEED #1/ HEAD DRIVER PCB, provides outputs for printhead needles, voltages for carriage/ribbon motor PCB, I/O for optical clock, and output to paper feed #2. Has transistors 13/TIP142, 2/TIP145, 2N3055, 4/MPL455P IC's, and 16/74-series IC's. Requires +40, +9, +5 VDC; 8 1/2"x8 1/2". \$18.95

PRINTER POWER SUPPLY as used with above. Has AC outputs 2/24, 6, 18, 142-14-0-14-42 V from 115 VAC 60 Hz input. DC rectification required for proper voltages. Also has line filter for external fan, relay for cover interlock, and two fuses. 11x6x4, 18 lbs sh wt. #803-101, \$17.95

PRINTER INTERFACE PCB

#217E-238 PROGRAMMABLE INTERFACE, has 8080A microprocessor, 8251 programmable communications interface, 2/8255 programmable peripheral interface, 8224 clock generator, 8228 controller, 3/8205 decoders, MCL4411 baud rate generator, 4/2111-4 256x4 RAM, 4/4804 1024x4 RAM, 74123, 74196, and 74LS04. Also four 8-place DIP switches for baud rates 75-110-134.5-150-200-300-600-1200-1800-2400-3600-4800-7200-9600 and sockets for 2/2708 EPROM. Provisions for additional 2/2708, 4/4804, 8251, and secondary transmit-receive components. Requires -9 and +5 VDC; 7 1/2"x10 1/2". \$85.00

#217D-249 SERIAL INTERFACE, has 8212 8-bit input-output port, 8251, MCL4411, 75188, 75189, 74LS08, 74LS10, two 74LS243, 1.8432 Mhz crystal, five 8-place DIP switches for baud select as on #217E-238 interface. Provision secondary xmit-receive components. -12 +12 -5 +5 VDC; 4 1/2"x7. \$27.95

COMPUTER FOUNDATION

DISPLAY CIRCUIT BOARD WITH EIGHT 3/8" 7-SEGMENT LED READ-OUTS, EIGHT RED LED'S, 15 DARLINGTONS, 8 PNP TRANSISTORS 3/C4003 SHIFT REGISTERS, PLUS OTHER COMPONENTS, BLOCK DIAGRAM. 10x3 1/2, #ECR7700, \$9.95

COMMUNICATIONS CIRCUIT BOARD, CONTAINS MODEM CARD WITH 7/1458 OP AMPS (NO SCHEMATIC). MAIN BOARD HAS TMS-6011 UART, INPUT SHIFT REGISTERS, AND GATES (TEN IC'S). ALSO INPUT TRANSFORMERS FOR MODEMS, SELECT WIRING FOR 4- OR 2-LINE INPUT, AND LEVELS 0 DBM, -3 DBM, -6 DBM, OR -9 DBM. MODEM INFO, BLOCK DIAGRAM. #ECR9600, \$12.95

PRINTER LOGIC BOARD, THREE 200 VOLT 4 AMP TRIACS DRIVEN BY CONTACTS OF THREE 12 VDC REED RELAYS. ALSO HAS 2/4003 SHIFT REGISTERS, EIGHT DARLINGTONS, EIGHT PNP'S. 3/9002, AND A 4049 HEX BUFFER/CONVERTER. W/BLOCK DIAGRAM. 10x4, #ECR9060, \$7.95

CONTROL CIRCUIT BOARD WITH C4004 4-BIT MICROPROCESSOR, 2/4003 SHIFT REGISTERS, 3/4002 RAM'S, AND 8/4001 ROM'S. ALSO A 4.704 Mhz CRYSTAL, FIVE OTHER IC'S FOR CLOCK AND GATING, 12 IC SOCKETS, BLOC DIAGRAM. 10x5, 3 LBS. #ECR9200, \$13.95

MICROCOMPUTER POWER SUPPLY, USES TWO 3-TERMINAL REGULATORS AND A 723 WITH TIP3055 TRANSISTOR. INPUT: 115 VAC 60 Hz; OUTPUT: -25 VDC 180 MA; -5 VDC 800 MA, -15 VDC 1.25 AMPS. WITH SCHEMATIC. SIZE: 3 1/2"x5 1/2"x4; SHPG. WT: 10 LBS. #ECRPS-744, \$15.00

CREDIT CARD SCANNER, USES AN OPTICAL SYSTEM TO READ THE RAISED NUMBERS OF A CREDIT CARD INTO IN PHOTO ARRAY. HAS SMALL AC MOTOR TO DRIVE CARD THROUGH THE READER. ALSO LIGHT AND PLASTIC OPTICS, TWO ROCKWELL IC'S 10561 AND 15120, WITH DIAGRAM OF CONNECTOR WIRING. 5x5x4, #ECR2020, \$7.95

20-KEY KEYBOARD, 5/8" SQUARE BUSINESS KEYS WITH CHARACTERS: 0 THRU 9, CLR, RST, CRED, CASH, IMP, SEND, RET, CODE, \$, AND ACCT. TWO BUSES: ONE FOR NUMBERS; THE OTHER FOR INSTRUCTIONS. SIZE: 4x4 1/2, WT: 2 LBS. #ECR4835, \$3.95

ECR COMPONENT PACKAGE DEAL THE ABOVE SEVEN ITEMS WITH AN ECR-PREFIX WERE ORIGINALLY COMPONENTS OF AN ELECTRONIC CARD READER SYSTEM. THEY MAY BE PURCHASED INDIVIDUALLY AS MARKED OR TOGETHER AS A PACKAGE FOR \$45.00

PRINTER CONTROL PANEL with switches 3/DPDT C&K U21 toggles, 2/DPDT C&K 8221 push, and one C&K SPDT push sw. Also 1-3/8" dia 8 ohm PM speaker 16-pin DIP switch, 2/16-pin DIP sockets for connection to panel; 4 1/2"x2 1/2". #217D-239, \$4.95

P8085 PROCESSOR PCB

#217D-244 CONTROLLER CPU, directed electro-mechanical functions of printer. Has P8085 MPU with 5.7143 Mhz crystal, 2/8255A programmable peripheral interface, 8253 programmable interval timer, 8212 8-bit I/O, 4/8205 one of 8 decoder, nine 3341 FIFO shift register, 4/2111-1 RAM, 7400, 3/74LS00, 74LS125, 74LS161. Sockets for 6/2708. +12, -12, +5, -5 VDC req. \$100.00

#217-246 PROCESSOR CPU, has P8085 w/5.185 Mhz crystal, 8255A, 8212, 8253, 3/8205, 4/2114 RAM, 74LS00, 74LS02, 74LS32, 74LS93, and 74LS244. Also sockets for 4/2708 EPROM. Requires +5 VDC (plus +12 and -5 VDC for 2708's). Originally used with Datametics keyboard; 10x7. \$75.00

COMPUTER TERMINAL

795 VIDEO DISPLAY, CONVERTIBLE INTO A GRAPHICS TERMINAL AS DESCRIBED IN IN SEPT. '76 ISSUE OF 73 MAGAZINE. CONSISTS OF 12" DIAGONAL MAGNETICALLY DEFLECTED CRT, INTERNAL DC-TO-DC CONVERTER, 10 KV SUPPLY, HORIZONTAL AND VERTICAL DEFLECTION AMPS, AND INTERNAL MUFFIN FAN. WITH CONTROLS FOR INTENSITY, HORIZ. AND VERT. GAIN/POSITION. REQUIRES 115 VAC 60 Hz. POWER CONNECTOR NOT AVAILABLE. SIZE: 15 1/2"x17 1/2"x21; SH WT: 100 LBS., 75 LBS. NET. USED, \$59.50 REPRINT Sept. '76 issue of 73 Magazine, \$2.00



CONTROL ASSEMBLIES ON 9x4 HEATSINK. USED, EXCELLENT YIELD ON SEMICONDUCTORS. SHPG WT. 4 LBS EA. SIMILAR TO PICTURE ORDER BY NUMBER TRANSISTOR CONTROL ASSEMBLY WITH DIODES.

8/T0-3 60V (SIMILAR TO 2N3055) AND 8/T0-66 (SIMILAR TO 2N3054) 60V TRANSISTORS, 8/0.4 OHM 5W AND 8/30HM 3W RESISTORS, 8/00-4 DIODES WITH INSULATED MOUNTING HARDWARE. #7729 \$5.75

TRANSISTOR CONTROL ASSEMBLY, CONTAINS 8/T0-3 AND 8/T0-66 AND EMITTER RESISTORS AS ABOVE. SMALL DIODES AND RESISTORS #0425 \$5.00

CONTROL CLUTCH ASSEMBLY AND HEATSINK 9x4 IN. 8/100V T0-3 AND 2/60V T0-66 TRANSISTORS. FIVE 0.4 OHM 10 W RESISTORS, MORE.#095-8139 \$4.00

SOLENOID DRIVER ASSEMBLY WITH 6/70MFD 300V CAPACITORS, 6/ 60 OHM 3/10WATT DALE RESISTORS TRANSISTORS AND DIODES. 3LB #340C4587 \$3.50

TALLY LOGIC; 26/2N3643, 2N6027, 3/324, TWO 16 PIN SOCKETS, 500MFD 75V, 2/200MFD 25V 4MINI POTS, RESISTORS, CAPACITORS, DIODES SH WT 2 LBS #691746 \$3.50

REED RELAY

REED RELAY BOARDS LISTED BELOW CONTAIN 12VDC REED RELAYS AND ASSOCIATED COMPONENTS. ORDER BY BOARD NUMBER. SH WT. 3 LBS.

- #5336 1/DPST, 4/5PST, 2/4PST, MERCURY WETTED RELAY SPDT, 26 DIODES. \$3.95
- #5341 3/4PST, 3/3PST, 2/2PST, 5PST, MERCURY WETTED SPDT, 23 DIODES \$4.95
- #5346 12/SPST, DPST, 2/DPST MERCURY WETTED. 5 TRANSISTORS, 51 DIODES, 3/25MFD 50V 47 MED 35V \$5.95
- #5351 10/SPST, 10/DPST, 90 DIODES \$7.95
- #5361 3/DPST, 4/SPST, MERCURY WETTED SPDT. 6 TRANSISTORS, 24 DIODES, CAPACITORS DIODES, RESISTORS. \$3.95
- #E40380 MAGNETIC REED SWITCHES with bias magnets on board, \$4.95

REGULATOR AND PREREGULATOR CARDS, w/current limit and OVP. Not complete regulator. Has transistors, diodes, zeners, resistors, capacitors. Needs about -50 VDC f/preregulator. #RB4561-4, for 4 to 5 V. regulator, \$2.50 #RB6428-32, for 32 to 36 V. regulator, \$2.00

READ & SWITCH CORE CURRENT SOURCE, two 8 V reference diodes, 3 1/2"x2 1/2" heatsink w/two transistors, 6-section inductor, 25 W 75 ohm rheostat, Dale 25 W 31 ohm 1% precision power resistor; 4 lbs sh. #315-CS, \$2.00

TALLY RECEIVER, 15/741's (two in socket), one 723 in socket, four transistors, six trimpots resistors, capacitors, etc. #601740, \$3.95

66-KEY KEYBOARD has upper/lower case letters, numbers, symbols and control keys. Seems to have been part of video terminal. Has IC's 7400, 7402, 2/7403, 7404, 7405, 7410, 74121. Used 78370M control IC (not available). 17x6 1/2"x2, 7 lbs sh. #3103-002-02, used, \$24.00

ON SALE!

CPU'S
RAM'S



C8008-1 CPU, \$9.95
P8085 CPU, 12.95
8212 8-bit I/O 1.75
8251 programmer 5.95
2111 RAM \$3. 4/10.
4804A RAM \$5. 4/18.
AY5-1013 UART, 4.00
FRI-502E02 FIFO 6.95
RC4558 dual op-amp 50%
7400, 7410, or 7440, one type, 10/11.00
8234 clk. gen. \$3.00
FFA103 light reflective transducer, \$1.25

8080A CPU, \$4.95
8205 decoder, 2.00
8228 control, 4.50
8255 programmer 4.95
2114 RAM \$4.95 4/17.
MCL4411 baud gen \$9.
3341 FIFO \$4. 4/14.
1458 dual op-amp 3/11
MCL489 quad-line, \$1.
one type, 10/11.00
CI9031 CdSe photo \$1
MCL7415 3/11. MCL3403P 3/11.

CMOS IC's, good pull-outs w/'79 date codes:
4013BE 5/\$1. 4024BE 3/\$1. 4060BE 2/\$1.
MCL723C 5/\$1. MCL7415 3/11. MCL3403P 3/11.

MF36513 equivalent (Motorola w/O139 house #)
NPN RF transistor; 30 V, to 330 Mhz. 6/11.
MF3A14 NPN darl 5/11.
TIP2955 PNP 10 A 85%
2N6346 unijunct 7%
TIP140 NPN darl. 95%
TIP145 PNP darl \$1.00

2N3055 NPN 10 A, 75%
2N4126 PNP 10-no 6/11
TIP120 NPN darl. 75%
TIP142 NPN darl \$1.00
7808 8 v reg., 3/11.

1 AMP 50 PIV 15/11.
400 PIV 12/11.
1000 " 6/11.
5 AMP 800 PIV, \$1.75
MR-series, 6 AMP
MR750 50 PIV 85%
MR751 100 " 95%
MR752 200 " \$1.10
MR754 400 " 1.25
1N1357Ra ZENER, 10 W 18 V 5% rev-polarity \$1.
V.R.O VTA200/3 200 V 25 amp bridge rectifier,
cath. cathode, stud mount, \$1.00 ea. 4/11.
#50-100A RECTIFIER, 50 V 100 A conservative;
no hardware or pigtail. House #; 2x1". \$2.
GE#A7CEX113, 200 PIV 100 A, no hardware \$5.50

35 AMP 50 PIV \$1.80
100 " 2.10
600 " 3.50
1N3890 100V 12A 4/33.
ZENERS, 1 W: 3.3 3.9
4.1 10.2 V 4/11.
11.6 12.0 V 3/11.
1N2974B, 10 W 10 V
5% stud mt. \$1.35
1N1357Ra ZENER, 10 W 18 V 5% rev-polarity \$1.
V.R.O VTA200/3 200 V 25 amp bridge rectifier,
cath. cathode, stud mount, \$1.00 ea. 4/11.
#50-100A RECTIFIER, 50 V 100 A conservative;
no hardware or pigtail. House #; 2x1". \$2.
GE#A7CEX113, 200 PIV 100 A, no hardware \$5.50

LED'S RED, T-1 1/2 size 8/11. GREEN 6/11.
DARK RED, HP5082-4697, 6/11.00
7-SEGMENT NUMERIC DISPLAY, com-
mon anode, lefthand decimal HP5082-7730 \$1.
SLA-2 DISPLAY; .33", - or -1 and 1, 2/11.00

IC SOCKETS 8-pin low-profile 5/11.
14-pin wire wrap 6/11.
14-pin standard 5/11.
16-pin WW 40% ea 6/11.
16-pin l.p. 5/11.
18-pin l.p. 4/11.
20-pin l.p. 35% 3/11.
22-pin l.p. 3/11.
24-pin l.p. 50% 5/11.
28-pin std. 60% 40-pin std. \$1.00

JUMPERS PCB jumpers, unused.
#50-14P2; two 14-pin, 18" long, \$2.50 1.75
43-16P1; one 16-pin, 12" " 1.50 3/11.
44-16P2; two 16-pin, 48" " 3.00 2.40
43-24P1; one 24-pin, 12" " 2.00 1.50
60-24P2; two 24-pin, 24" " 2.50 1.75
57-28P2; two 28-pin, 4" " 2.00 1.25
44-40P2; two 40-pin, 23" " 2.25 1.75
9-14P1; one 14-p, 23" loose leads, \$1.75

EIA RS232C CABLE, 6 ft
cord w/male DP25P plug,
female DP25S, and conn.
covers, \$14.00 \$10.95
PC BOARD JUMPERS with IC plug and DP25P, 16".
16-pin, #16/DP25P \$4. 24-pin, #24/DP25P \$5.

MOTOROLA K1115A CRYSTAL designed for PC board
mount; 7.3728 Mhz. Unused, \$1.95

MOTOROLA SEMICONDUCTOR Data Library (1975),
info on 1N-2N-3N-4N semiconductors, \$1.50

COPPERCLAD PCB

Single-side copperclad etching
board for making printed
circuits. Phenolic (PH) or
fiberglass (FIB) backed as
noted. Some drilled (d).

PH#	Size	Price	Size	Price	Size	Price
	4x18	\$1.75	10x17	\$1.75	16x18	\$3.00
	17x20(d)	3.00	15x22	3.50	16x32	5.25
	FIB# 6x13	1.00	4x24	1.25	11x18	2.25
	13x24(d)	3.25	-Buy 5 or more, take 20% off			

COMPUTER POWER SUPPLIES

SOLID STATE POWER SUPPLY
RATED CONSERVATIVELY AND
CONSTRUCTED ON RUGGED
STEEL FRAME. UNITS HAVE
FRONT VOLTAGE ADJUST
±10%, RUNNING LIGHT, AC
RESET. ALSO REATURED
IS ADJUSTABLE CURRENT LIMITING AND ADJUSTABLE
OVERVOLTAGE PROTECTION. POWER INPUT 115v 60
HZ. REMOVED FROM EQUIPMENT GOOD CONDITION.
AC POWER INPUT PLUG \$2.00



RATING	SIZE	SH WT.	No.	PRICE
4v 30A	15 1/2 x 13 1/2 x 7	65 LBS.	926	\$30.00
12v 5A	16 1/2 x 7	35	655	37.50
30v 3A	15 1/2 x 9 1/2 x 7	38	889	27.50
20-24v 5.5A	20 1/2 x 7	47	332	39.95

DUAL POWER SUPPLY, SAME STYLE AS ABOVE UNITS.
-32-36 V 14.7 A AND -32-36 V 10.3 A. TWO IN-
DEPENDENT REGULATORS WITH COMMON BUSS. SIZE:
20x14x12; SH WT: 125 LBS. #450, \$60.00

24 VDC 20 AMPS HARMONIC REGULATED, HEAVY
CONSTRUCTION. 24 VDC 30 A. INTERMITTENT. 20x
13 1/2 x 7, 100 LBS. #4501, \$29.95

CASH REGISTER POWER SUPPLY
WITH 6 VDC GEL-CELL BATTERY
OUTPUT FOR MEMORY. ALSO +6,
+10, +15, AND -24 VDC FROM
115 VAC INPUT. 8x8x7 1/2; 22
LBS. SH. ORIGIN ELEC. #008-
0202550A, UNUSED, \$75.00

12 VDC 4VDC 17.5A

12VDC 3.3 AMPS AND 4VDC 17.5 AMPS
WITH CURRENT LIMITING AND OVER VOL-
TAGE PROTECTION. THE 4 VOLT OUTPUT
WILL ADJUST TO 5 VOLTS. SIZE: 14x
8 1/2 x 6 SH WT 35 LBS. 115v 60 HZ.
USED EXCELLENT COND. #9566WC \$30.00
POWER SUPPLY SAME AS #9568 ONLY LESS REG-
ULATOR CARDS. HAS OUTPUT TRANSISTORS AND
HEATSINKS. AN EXCELLENT FOUNDATION \$20.00

32-36 VDC 4.8 AMPS; CONVER-
SION INFO FOR 12-36 VDC
OPERATION INCLD. WITH AD-
JUST. CURRENT LIMITING AND
OVP; 5" COOLING FAN. 9 1/2 x 6 1/2
x 19; SHPG. WT: 37 LBS.
#32-36V-4.8, \$27.95



OPEN FRAME REGULATED

COMPUTER POWER SUPPLY
TRANSISTOR REGULATED
OPEN CONSTRUCTION WITH
ADJUSTABLE VOLTAGE 20%
AND CURRENT LIMITING
UNITS WHERE VCV IS
NOTED ALSO HAVE ADJUSTABLE OVERVOLTAGE PRO-
TECTION. UNITS ARE IN GOOD CONDITION-REPAR-
ABLE. ORDER BY RATING AND PART NUMBER.

RATING	SIZE	SH WT.	No.	PRICE
5v 2A	14x4 1/2 x 5	16	1C12-01	\$10.95
5v 4A	"	16	1014-33	14.95
8v 4A OVP	"	16	1014-21	14.00
12v 3A OVP	"	16	1014-22	25.00
12v 6A	14x8 1/2 x 5	23	1018-32	35.00
12v 6A OVP	"	23	1018-22	37.00
30v 3A	"	23	1018-23	22.50
30v 3A OVP	"	23	1018-33	25.00
35-40v 500W OVP,	14x8 1/2 x 5, 60 LB.		1037-12	\$35

PS601301 TRANSISTOR REGULATED
POWER SUPPLY produces independ-
ent +12 VDC 2.7 A. and -12 VDC
1 A. outputs w/overvoltage pro-
tection which can be used in
series. Also -6.8 V 300 ma out-
put. 9 1/2 x 5 1/2 x 7; 16 lbs. Used, \$14.95



MEMORY PCB

Commercially designed PC
boards w/position info;
less components.
#217D-101 EPROM BOARD for eight 1702A EPROM,
4/7404, 2/3404; w/edge connector, \$4.00 \$3.
#217D-136 2K RAM BOARD for sixteen 2102 RAM,
7/7404, 7420; with edge connector, \$5.00 \$4.

MICROPROCESSOR CIRCUIT BOARD,
has C4004 P-channel micropro-
cessor, 4/P4001 256x8-bit
PROM, 2/P4002-1 320-bit RAM
and 4-bit output port, 3/4003
10-bit serial in/parallel-ser-
ial out shift register, plus
53 transistors. #IC-07, \$6.95

FLUORESCENT DISPLAY, 12-di-
git DG1001, 1-1/8" high
with 1/2" display; 27 trans-
istors and associated res-
istors, capacitors, etc.
3 lbs. sh. #QP3666, \$5.95

14-DIGIT FLUORESCENT DISPLAY using MG-17F 1 1/2"
high tubes with 3/8" display; 31 transistors,
22 capacitors, diodes resistors. Tubes are
on plug-in assembly (22-pin). #QP-2704 \$4.95
FAIRCHILD IC'S: 4/9002, 2/9015, 2/9016, 7418C
3/9024, 2/9602, 9/2N2222 plus resistors, di-
odes, etc. 2 lbs. sh. #C200504G1, \$1.95

TIMER-COMPARATOR, IC'S 2/NE555V, 2/IM339, 8/
7400, 4/7404, 3/7408, 2/7410, 2/7411, 3/7474,
5/7493, 2/74123; two 5K trimpots, 7 1/2 x 8, \$3.

TWELVE DIGIT FLUORESCENT DISPLAY
#POS2, 3/8" DIGITS WITH CHARAC-
TERS 0 THRU 9, -, ., ' AND DECIMAL
POINT. TUBES ABOUT 2" HIGH.
ALSO 2/M5812 COUNTER IC'S, 27
TRANSISTORS, AND OTHER PARTS.
9x8x2 1/2, SHPG. WT: 4 LBS. \$6.95
DIODE MATRIX 34 X 20 CONTAINS 90 DIODES
1N4004 OR EQUAL. 6x11 #005330 \$3.95



DIODE MATRIX 25 X 7, 23 TRANSISTORS, DIODES
WITH 22 PIN SOCKET. 7x4 1/2, #2010200

CORE MEMORY ARRAY 2 SECTIONS EACH 52 X 52
BOARD SIZE 13x13x1 1/2 #2162301 5 LB \$3.95

SMALL CORE MEMORY ARRAY, 2 SECTIONS APPROX
65x15 EACH. 4 REED RELAYS 2/3PST, 2/5PST
7x4x1 1/2 #2006000 \$2.95

SWITCH NETWORK DIGITAL AND
LINEAR IC BOARD. 3352.8KHZ
CRYSTAL, 3/2 POLE 4 POS, AND
1/3P2P PC ROTARY SWITCHES.
4 MULTI TURN POTS. 38/72301
OP-AMPS, 2/MC1448, 9440C
5/9016, 4/7408, 3/NE565, 74195
2/SN29007, 2/74161, 2/74109, 3/7400, 2/7410
2/9602, SP380, SP363. 11x13 1/2, WT 5LB.
SEVERAL HUNDRED RES.CAP, DIODE, #9829 \$8.95



CMOS #84293; 3/4001, 2/4002, 5/4009, 2/4010
4/4011, 2/4012, 7/4013, 4021, 2/4022, 7/4023
2/4025, 2513 A 64x8x5 CHARACTER GENERATOR
7417. 9x7 1/2, SH WT 2LBS #84293 \$7.50
CMOS-K1; 6/4008, 4/4009, 4/4011, 2/4012
7/4013, 9/4016, 5/4022, 2/4023, 4024, 5/4040
9x7 1/2, SH. WT. 2 LBS #CMOS84292 \$6.95
CMOS #14007; 4/4001, 2/4011, 2/4013, 4042,
4558 DUAL OP-AMP, 23 TRANSISTORS, MANY RESIS-
TORS, CAPACITORS. 1 LB #14007 \$2.95

IC BOARD #595254; 3/9322 QUAD 2 INPUT MULTI-
PLEXER, 7402, 7404, 7406, 7410, 3/7438, 741,
7442. 1 LB #595254 \$1.95
IC BOARD #594747; 8/75451 DUAL PERIPHERAL
AND DRIVER, 7438, 7474, 74121, 7404, 6/7400,
7402, 7414, TRANSISTORS, RESISTORS, DIODES
CAPACITORS 2 LB #594747 \$2.95
ENDERSOR DRIVER 4/DM8851 DUAL TRIGGERABLE
MVR, 7474, 9109 HIGH VOLTAGE HEX INVERTER,
2/7400, 7420, 7406, 18 BYPASS CAPACITORS.
TO-3 TRANSISTOR ETC 1 LB #484-0001801 \$1.50
CARD READER CONTAINS A TEN SECTION SPST DUAL
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ROTARY SWITCH; 5/7400, 4/7404, 7/7408, 5/7410
4/7420, 7437, 74109, 3/74157, 74180, 9602
2/NE2562, 2/SN29301, NCR 94, 8 IC'S NO CROSS
REFERENCE. SH WT 2LBS #315-0529449 \$3.50

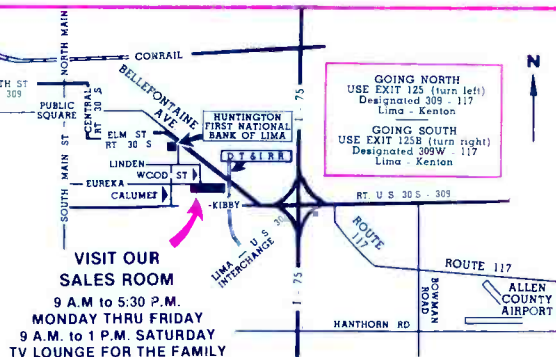
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4/7420, 7437, 74109, 3/74157, 74180, 9602
2/NE2562, 2/SN29301, NCR 94, 8 IC'S NO CROSS
REFERENCE. SH WT 2LBS #315-0529449 \$3.50

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ets (mostly 74-series); 32 power transistors
(mostly 10 amp TIP-140-142-145); 3/VTA200-S
200 V 25 A bridges; 5/1N3890 100 V 12 A di-
odes; and related. Also axial capacitors 11/
6800 uf 16 V; 5/1500 uf 63 V; 4/220 uf 25 V;
1000 uf 25 V; plus 56/6.8 uf 35 V and 10/4.7
uf 35 V tantalums. 20x14; 5 lb. #803-195 \$22.



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SSB TEST EQUIPMENT



SG-376 TRANSISTORIZED TWO-TONE I.F. SIGNAL GENERATOR for testing SSB equipment. Has two 20 Hz-20 KHz audio oscillators and two independent I.F. oscillators. IF output: 497.5, 498.5, 501.5, or 502.5 KHz only; also 497.5 & 498.5 or 501.5 & 502.5 KHz simultaneously. Output levels: 2-2.5 V into 600 ohms (AF); 1-1.25 V into 50 ohms (IF) with attenuation to 100 db in 1 or 10 db steps. Designed distortion less than 60 db below max signal. Requires 115 VAC 50-450 Hz. 5 1/2 x 19 x 11 3/8 lbs sh. Used-repairable \$135; Chkd., \$195. MANUAL for SG-376, \$7.50 if purchased w/set.

SG-823/URM-144 TWO-TONE REFERENCE SIGNAL GENERATOR, used in the measuring of receiver sensitivity and SSB transmitter distortion. Provides two RF outputs which can be used independently or in combination with no intermodulation effects. Frequency outputs: 2.0, 3.6, 4.0, 7.2, 8.0, 14.4, 16.0, 28.8 Mhz at 100K u-volts max into 50 ohms. Frequency adjust ±0.05% (tone A), ±0.0025% (B). Distortion at least 60 db below max signal. Requires 115 VAC 60 or 400 Hz. 5 1/2 x 19 x 11, 35 lbs sh wt. Used, repairable, \$125.00; Checked, \$185.00. MANUAL for SG-823, \$7.50 if purchased w/set.



RG-8 COAX

100 feet of new polyethylene-jacketed RG-8 coax boxed w/two PL-259 connectors (not wired); 50 ohm impedance. Suitable for most amateur RF applications. 13 lbs sh wt. #CB-RG-8, NEW, \$19.95



PP-281 12 VDC POWER



PP-281 VIBRATOR POWER PACK for AM-65 amp and RT-70 transceiver (p 18). Supplies required voltages from 12 VDC 2.25 A input. 4 1/2 x 5 1/2 x 3, 8 lbs sh. Used, \$14.95

ENCLOSURE



STEEL CABINET w/lift top; for 7"H x 14"W x 8"D panel. Black finish. O/A 8x16 1/2 x 8 1/2, 7 lbs. #SK-CAB7148, used, \$5.95. PANEL w/misc parts from above \$1.50

TV-2 TUBE TESTER



TV-2 DYNAMIC MUTUAL CONDUCTANCE TUBE TESTER, checks most military and older commercial receiving and low power emitting tubes. Test sockets for 4,5,6,7-pin, 7- and 9-pin miniature, octal, octal, acorn, sub-mini flat and round tube bases. Measures mutual conductance, emission, gas, noise, and shorts. Meters for filament, grid, plate, screen, signal, and transconductance (percent quality). Theoretically, a tube not listed on the roll data chart can be tested by setting the proper voltages on the meters provided those voltages are known. Requires 115 VAC 50-1600 Hz. 17 1/2 x 8 1/2 x 16 1/2, 50 lbs sh wt. Used, repairable, \$75.00; Checked, \$110. MANUAL, partial repro., \$10.

AMPLIFIED FIELD PHONE



TP-9 AMPLIFIED FIELD TELEPHONE, permits communication over greater distance than standard battery field phones such as EE-8, TA-43, and TA-312. Uses vacuum tube amplifiers for receiving and transmitter circuits. TP-9 can be used between standard field phones and effectively double their range. Has bell for audible signaling and indicator light for noiseless signal. Set consists of aluminum chassis containing GN-38B generator, ringer, amplifiers, and TS-9 handset. Provision for head and chest set use. Requires 4.5 VDC 50 ma, 1.5 VDC 200 ma, and 67.5 VDC 5.5 ma. 11 1/2 x 11 1/2 x 7 1/2, 25 lbs sh. Used, \$50.00

6 AMP GEL-CELL



RECHARGEABLE GEL-CELL BATTERY rated 6 VDC 6 amps in 4 1/2 x 3 1/2 x 2 plastic case. Made for Montgomery Ward's; with terminal clips. 3 lbs. #63-11387 NEW \$8.95 2/\$17

NI-CAD BATTERY, rechargeable 4.8 VDC 500 ma, 1 1/2 x 3/8" dia; German mfg. #4/500DKZ NEW \$4.
MERCURY CELLS, non-rechargeable; 1-7/8 x 3/8". #EM-3P, 4.2 V 500 mah, NEW, 3 for \$2.00. #EM-4N, 5.6 V 500 mah, NEW, 4 for \$3.00

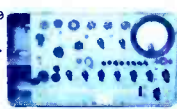
MERCURY CELL PACK

BA-398/PRC-25 ARCTIC BATTERY PACK, wrapped around body in frigid conditions to power PRC-25 and -77 transceivers. Consists of 72/1.5 VDC mercury cells (5 sets of 12, two sets of 6) wired to produce 2.5-3 V 400 ma & 12-15 V 1.4 amps. Original life: 20 hrs, 9:1 xmit ratio. Requires special cable (not available) if used with PRC-25, -77. Or use as source for 2"x1 1/2" dia cells. W/cloth cover and straps; '77/'78 dates. 6 lbs. Unused, \$7.95



BA-4386 MAGNESIUM LONG-LIFE BATTERY PACK for PRC-25, -77; '78/'79 date codes. Unused \$8.95

TV-10 TUBE CHECKER, portable unit tests similar tubes as the TV-2. Single meter indicates micromhos; roll chart test data. 115 VAC 50-1000 Hz. 18x10 1/2 x 7, 30 lbs sh wt. Used, repairable, \$50.00; Checked, \$80.00. MANUAL, partial repro., \$10 w/set purchase. *****
TEST ADAPTERS f/TV-2, -5, -7, -10 \$7.00 each: for 2C39, for 829/832, for sub-mini lg lead



PSM-6 MULTIMETER



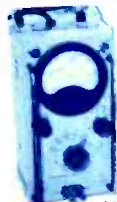
AN/PSM-6 MULTIMETER, rugged compact unit 4 1/2" dia. 50 microamp meter. Ranges 0.5-2.5-10-50-250-1000 VDC (1K ohm/v or 20K ohm/v) and VAC; 100 microamps to 1 amp DC. Also ohms multiplier scales X1 thru X10K ohms. Readings to 5000 VDC and 10 amps possible when used with accessory adapters which are not available. Requires 13.4 VDC battery tapped at 1.34 V. With test leads. 8 1/2 x 7 1/2 x 4 1/2, 12 lbs sh wt. Used, repairable, \$45.00; checked, \$65.00

EMERGENCY FLASHER

EMERGENCY LIGHT-FLASHER-CHARGER, plugs into car lighter with 14 feet of cable and provides bright clear flasher for emergencies or continuous lighting for repairs, map reading, etc. Also has provision for trickle charging battery from another vehicle using an additional 3 ft cable connected to its lighter circuit. Has meter which indicates approximate charge time required. 6 1/2 x 3, 4 lbs sh. #EMERG-LFC, w/cables, NEW, \$5.00. LIGHTER CABLE, 14' as above, \$2.50; 30' \$1.



ME-6D VOLTMETER



ME-6D/U VTVM, covers 0.005 to 500 V-rms in six ranges and -65 to 57 db. Built-in 15 Hz-250 KHz wide-band amplifier with max. voltage gain of 4500; minimal distortion to 23 VAC output. 115 VAC 50-400 Hz. 11 1/2 x 6 1/2 x 5 1/2, 14 lbs sh wt. Used, repairable \$30. Checked, \$50. MANUAL f/ME-6D, partial repro \$8.50

ENERGY STORAGE



GENERAL ELECTRIC ENERGY STORAGE CAPACITOR, 7.5 mfd 20 KV DC, 0.06 inductance oscillatory duty; 75K peak amps. Safe castor oil impregnated. 16 1/2 x 19 1/2 x 5 including insulator and flange mount. 65 lbs sh. GE#1456605, unused, \$50.00

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LANGUAGE LAB RECORDER



LANGUAGE LAB TAPE RECORDER, solid-state design; made by General Electronics Lab. Has three heads: one playback only master head on one track and the other two, playback and record, on a second student track. Uses standard 1/4" audio tape on upto 7" reels at speeds 3 1/4 and 7 1/2 ips. In practice, one can monitor the master "instructor's" track while recording responses on the student track. The student track can be played back simultaneously or separately from the master track depending upon control selection. The master track, which plays in one direction only, can be recorded upon or erased by switching plug-in wires from the student track heads. Besides its original usage, the recorder could be useful for code practice of for sound-on-sound audio experimentation. Audio response approx. 300-8000 Hz. Controls for student and master volume, playback-practice select, pause, and the other standard recording functions. Also three motors for very rapid fast forward/rewind, audio level meter, footage counter, 4" built-in speaker, and four plug-in circuit cards for audio, master audio, student audio, and bias oscillator. Uses common 2N2836 and 2N3702 transistors. Tape and reels not included; microphone and schematic not available. Requires 115 VAC 60 Hz. 18x16x8 1/2; 32 lbs net, 40 lbs sh wt. Used, repairable, \$49.50; checked, \$79.50

DIGITAL TIMER

ATEK 63B6 ELAPSED TIME METER, six digit display indicates .000001 to 99.9999 seconds with selectable gates .1, .10, .100; BCD output at TTL levels. Start-Stop-Reset buttons; delayed or normal mode. Also 1 Mhz crystal output jack and connection for external input. Requires 115 VAC 60 Hz. 3 1/2x19x11, 17 lbs sh. Used, rep. \$45.00



12 VDC 4 AMP SUPPLIES



STACO SOLID-STATE 4 AMP DC POWER SUPPLIES--NEW--
#FPS-4, filtered 12 V; 5x3x5 1/2, 5 lbs sh. \$12.95 2/\$22.
#RFS-4, filtered and regulated 13.8 VDC; 5x3x6 1/2, 7 lbs sh wt. \$18.95 ea. 2/\$35.00

3.8 TO 7.5 GHz GENERATOR

SG-557/TS-621 SIGNAL GENERATOR, 3.8 to 7.5 GHz; similar to Hewlett-Packard 618. Unit has internal FM, CW, pulsed or square-wave modulation. Pulse rate variable 40-4000 pps. Pulse width: 0.5 to 10 usec. Output: 1.0 MW into 50 ohms directly calibrated into micro-volts and db. FM rate: 40-4000 Hz. External sine-wave sync: 40-4000 Hz, 5-50 Vrms amplitude. External pulse sync: 0-4000 pps, 5-50 V amplitude positive and negative; width 0.5 to 2500 usec. Has 29 tubes including 6236 klystron. Requires 105-125 VAC 50-1000 Hz. Size: 17 1/2x14x19 1/2, 110 lbs sh wt. Used, repairable with output, \$265.00
MANUAL f/SG-557/TS-621, partial repro. \$10.



GYROSCOPE ASSEMBLY



HONEYWELL VERTICAL GYRO ASSEMBLY #JG-7044N-2, single pitch and roll gyro with 400 Hz motors, mercury switches, etc. Gimbal freedom: ±360° (outer axis, longitudinal), ±85° (inner axis, transverse). Erection rate (2-6)° min. Also 400 Hz 1/8 motors 26 V (torque), 115 V (caging solenoid), and 115 V 21,000 RPM (power motor) Pick-up pots: 5.5K²ohm ±55° (roll), 11K ohm ±85° (pitch). Angular momentum: 6.33x10⁶ gm cm²/sec. Unit has "line of flight" monitors for normal loft or alternate O/S. 7 1/2x9 x6; 8 lbs net, 12 lbs sh. Used, \$35.00

RESISTANCE BRIDGE

ZM-4 RESISTANCE BRIDGE, portable Wheatstone bridge used to measure DC resistance of communication and power lines to determine shorts, crosses, and grounds. Resistance measurement range 1 ohm to 1,011 M-ohms -0.15%; Resistance box range: 0 to 10,110 ohms, 16-500 MA. Galvanometer indicates degree of balance in test circuit. Requires three "D" cell batteries. Also 22.5 to 200 VDC for more accurate readings above 1000 ohms. Operating instructions included. 5 1/2x7 1/2x8 1/2, 12 lbs sh. Used, repairable, \$45.00



PARABOLIC DISH

24" DIA. ALUMINUM DISH, can be used in 1.9 to 2.2 GHz range as described in 8/79 Ham Radio article by KØJE and KØFQA on an MDS receiving system for subscription TV entertainment channels. Feedhorn and mounting hardware can be fabricated from common components. Other uses possible such as reflector for a directional microphone, child's snow saucer, or prospector's pan. Drilled, no hardware. 3 lbs net. #24D-MDS, \$5.95 each, 2/\$10.00, 4/\$17.00



USM-203 SWEEP GENERATOR



SG-593/USM-203 SWEEP GENERATOR (Jerrold 900C), 500 Khz to 1200 Mhz with sweep widths variable from 10 Khz to 400 Mhz. Has markers at 1, 10, and 100 Mhz and at all multiples of these within frequency range plus provision for two external markers. Narrow sweep: 10 Khz-1 Mhz (VHF & UHF). Wide: 500 Khz-400 Mhz (VHF) or to 40% of center frequency (UHF). Output into 50 ohms: 0.25 V VHF; 0.5 V UHF. Attenuator 0-50 DB in 10 DB increments. Full-wave, peak-to-peak feed-thru detector has SWR less than 1.3:1 upto 900 Mhz; 1.4:1 to 1200 Mhz. Oscilloscope preamp variable from 2 to 200 (46 DB) AC or DC coupled. 18 tubes including two 5675's. Requires 115/230 VAC 50-60 Hz. Size: 19x19x11 1/2; 75 lbs sh wt. Used, repairable, \$250.00; Checked, \$350.00
Operator's Manual w/schematic, repro. \$10.00

VACUUM

VARIABLES

JENNINGS, unused surplus; quantities ltd.
#UCS-375, 10-375 pf
16 KV, 42 amps rms; 9x3 1/2 d, 4 lbs \$90.
#VMHC-650, 30-650 pf, 55 KV, 125 A-rms; 17x8 1/2 dia., 20 lbs. \$350.
#UCSL-1000, 7-1000 pf 5 KV, 42 A. rms; 7 1/2x3 1/2 dia., 4 lbs. \$100.00
#UCSXF-1100, 12-1100 pf 10 KV, 50 A-rms; 10x4 1/2, 7 lbs. \$115.00
#UCSXF-1200, 10-1200 pf 15 KV, 50 A-rms; 10x4 1/2, 7 lbs. \$130.00
#UCSL-2000, 20-2000 pf 5 KV, 42 A rms; 8 1/2x3 1/2 dia., 6 lbs. \$125.00



1981 ARRL HANDBOOK

1981 RADIO AMATEUR'S HANDBOOK, revised, 64 more pages than 1980's. Available 11/1, \$10.

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WS-80 CATALOG SUPPLEMENT



AIR INDUCTANCE COIL

AIR INDUCTANCE COIL with four plastic spacers; 22 turns #12 plated copper wire, approx. 19 uHY. 3 1/2" lg. X 2 1/2" dia. Removed f/equip. #SK22-12, \$2.75

NI-CADS

BB-600 NICKEL-CADMIUM BATTERY. CELL, 1.2 V 34 A.H., 2 hr rate 3 1/2x8 1/2x1 1/2, 5 lbs. Used, \$5.95
BB-433 BATTERY, 19 cells total 24 V. 34 A.H., 2 hr. rate. 14x10x7, 84 lbs sh. Used, \$89.50
BB-652, 1.2 V 13 A.H. 1 hr.; 4 1/2x2 1/2x1 1/2, \$2.95



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TMC - 33B CONVERTER



CV-591 33B CONVERTER, same as TMC MSR-4. Used with 2-32 Mhz receivers with 455 KHz IF's such as the

R-390A and the SP-600JK. Operates upper and lower 3SB, AM, CW, FSK, and FAX. Input voltage: 0.1 to 10 V-rms. Input impedance: 240K ohms. Bandspread -3 KHz. Slow/Fast AVC speeds. Output remains constant within 9 db with 40 db change in input. Output imped: 8 or 600 ohms. Requires 115/230 VAC 50-60 Hz. 5x19x13 $\frac{1}{2}$; 28 lbs sh. Used, reparable, \$145.00 MANUAL for CV-591, partial repro. \$8.50

3 TO 4 MHZ XMITTER



T-19/ARC-5 TRANSMITTER, 3.0 to 4.0 Mhz; part of the Command Transmitter Series with designed output of 40 watts CW, 15 watts phone. Sets of this Series have been modified for considerably higher outputs. Modulation originally obtained from either BC-456 for one tube modulation or from MD-7 (not available) for push-pull.

Uses 1629 "eye" tube for tuning and crystal-calibration plus tubes 2/1625 and 1626. Requires 575-600 VDC 175-200 MA and 24 volts. 5x17x12, 17 lbs sh wt. Used, \$22.95

COMMAND RECEIVER

R-26/ARC-5 COMMAND RECEIVER, 3.0 to 6.8 Mhz with dial. Can be tuned with spin knob or with spline shaft. Has tubes 3/12SK7, 12SR7, 12A6, and 12KB. Requires 250 VDC 60 MA and 24 V. Can be operated from 24 VDC when used with DM-32 dynamotor. 5x5x11, 15 lbs sh wt. Used, less dynamotor, \$21.95



R-10/ARC AIRCRAFT RECEIVER for the broad cast band of 520 to 1500 KHz AM. Unit does not have dial; designed for remote tuning using spline shaft. 239 KHz I.F. With tubes 2/14A7, 14SR7, 14R7, 14F7, and 12A6. Requires 250 VDC and 24 V. 6x5x11 $\frac{1}{2}$, 13 lbs. Used, \$22.95

BC-473 REMOTE TUNING CONTROL for ARC-type receivers. Has 190-550 KHz dial (can be re-called) and volume control. Unused, \$7.95 MC-215 SPLINE SHAFT, 6', \$1.50; SPIN KNOB, \$3 DM-32 24 VDC dynamotor f/ARC-types, \$4.95 D-10 24 VDC dynamotor f/ARC-types, \$4.95 115 VAC 60 Hz POWER SUPPLIES with speaker for Command and ARC-type receivers, \$27.00



MALLORY

SONALERT

MALLORY #SNP428 SONALERT, 4 to 28 VDC, 2900 Hz cont., 64-78 db. Snap-lock fit into 1.063 dia hole. 1x1-5/8" dia. Similar to picture-\$4.95

TV-7 TUBE TESTER



TV-7 TUBE CHECKER, portable unit tests most military and older commercial receiving and low-power transmitting tubes. Indicates dynamic mutual conductance, emission, gas, noise,

and shorts. Test sockets for octal, loctal, 4-,5-,6-,7-pin, 7- and 9-pin miniature, a-corn, flat and round subminiature tube base sizes. With tube test data book. Requires 115 VAC 50-1000 Hz. 6x1x8x15 $\frac{1}{2}$, 22 lbs sh. TV-7, used-reparable \$40. Checked, \$65.00 TV-7D, more recent version but checks same tubes; Used-reparable, \$60. Checked, \$85. MANUAL f/TV-7, \$7.50; Adapters for 2C39, for 829/832, for sub-mini long lead, \$7.00 each.

100-TURN COUNTER



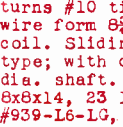
100-TURN COUNTER WITH CRANK, turns from 0.1 to 99.9; front plate 3"x3". Shaft 2 $\frac{1}{2}$ "L x $\frac{1}{4}$ " dia.; coupler included. Gray or black as available. 3 lbs sh wt. #939-COUN, removed, \$14.95



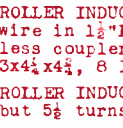
10-TURN COUNTER WITH SPIN KNOB, turns 0.1 to 9.9; front plate 3"x3". Shaft $\frac{1}{2}$ "L x $\frac{1}{4}$ " dia.; w/coupler. Gray or black as available. 2 lbs sh. #939-COUN-10T, \$10.95



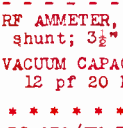
ROLLER INDUCTOR, 13.8 uHy; 24 turns #12 tinned-copper wire in 3 $\frac{1}{2}$ "L x 2" dia. coil. Roller contacts; less coupler. Shaft 3/8"L x $\frac{1}{4}$ " dia. Overall size: 3x5x6; 8 lbs sh wt. #939-L44-MED, removed, \$15.95



ROTARY INDUCTOR, 103 uHy; 61 turns #10 tinned-copper wire form 8 $\frac{1}{2}$ "L x 3-3/8" dia. coil. Sliding contactor type; with coupler for $\frac{1}{4}$ " dia. shaft. Overall size: 8x8x14, 23 lbs sh wt. #939-L6-LG, removed, \$25.00



ROLLER INDUCTOR, 5.5 uHy; 11 $\frac{1}{2}$ turns #12 T-C wire in 1 $\frac{1}{2}$ "L x 2" dia. coil. Roller contacts; less coupler. Shaft 3/8"L x $\frac{1}{4}$ " dia. Overall. 3x4 $\frac{1}{2}$ x4 $\frac{1}{2}$, 8 lbs sh. #939-11.5-S, \$10.95



ROLLER INDUCTOR, 1.3 uHy; similar to above, but 5 $\frac{1}{2}$ turns #12 wire. #939-15-SM, \$6.95

RF AMMETER, 0-15 RF amps using internal shunt; 3 $\frac{1}{2}$ " round. #939-15RFA, used, \$16.00

VACUUM CAPACITORS, used. "Unused," add \$6 ea. 12 pf 20 KV, \$8.00 50 pf 32 KV, \$12.00

BC-939/TN-339 ANTENNA TUNER as used with 2 to 18 Mhz 400 watt BC-610 transmitter comprised of components described above. 11x14x2x23 $\frac{1}{2}$, 75 lbs. Gov't. reconditioned, \$100.



CANVAS BAGS

CW-420G CARRYING CASE, backpack-style canvas has adjustable shoulder straps, large central compartment, and three small interior pouches--one on either end and one across the back. Two-button snap cover. O/A 13"Hx14 $\frac{1}{2}$ "Wx5"D, 5 lbs sh. \$5.00

BC-189 WAIST BAG, 10"Hx5"Wx3"D; has three snap cover and 2 $\frac{1}{2}$ " belt loops. Handy tool or instrument bag. 2 lbs sh. \$2.50 ea. 2/\$4.00

CURRENT TRANSFORMER

WESTON MODEL 461 CURRENT TRANSFORMER, for use with AC instruments as multiplier. Allows ranges 1000/500/250/100/50/25 amps in primary to 5 amp secondary. Unit has secondary short-circuiting switch. Black bakelite case. 8x6 $\frac{1}{2}$ x2 $\frac{1}{2}$, 11 lbs sh wt. Used, \$35.00



SCOPE ACCESSORY

TS-433B ELECTRONIC SWITCH, provides two independent time bases for an oscilloscope--allowing for the simultaneous display and comparison of two signals. Unit also functions as square wave generator and as a DC chopper amplifier. Expands the capabilities of AC-coupled scopes. Switching rate: 10-2000 times/sec continuously variable. Freq. response: 0-5000 Hz. Square wave generator range: 10-500 Hz with amplitude variable to 30 V p-p. Input impedance: 100K ohms. Output imped: 50K ohms. Max. signal output: 75 V, p-p. Requires 115/230 VAC 50-60 Hz. 10x8 $\frac{1}{2}$ x13, 30 lbs sh. Used, reparable, \$29.95 MANUAL f/TS-433, partial reproduction, \$8.50



BANDPASS FILTER



F-237/GRC BANDPASS FILTER, designed to operate from 54 to 70.9 Mhz using dial tuning. Bandwidth: 250 KHz w 3 db points or 4.5 Mhz w 40 db points. 50 ohm output and input impedance. Unit consists of a 3-gang variable capacitor coupled to 3 sets of three sealed cavities. Type C connections. F-237 has conversion possibilities for 6- and 2-meter amateur applications. An article about these by W. Tucker, W4FXE, is to appear soon in Ham Radio Magazine. 5x11 $\frac{1}{2}$ x11, 17 lbs. \$19.95

BANDPASS FILTERS, gold-plated twin-tuned cavities designed originally for use with R-417/TRC-24 receiver. Conversions by W4FXE of these units for amateur usage appeared in 3/80 Ham Radio Magazine. Each filter has tuning controls and type N connections. O/A 6x2 $\frac{1}{2}$ x11 $\frac{1}{2}$, 7 lbs sh. Unused, \$17.50



No.	FREQUENCY	CONVERSION
F-195/U	163-184 Mhz	220-225 MHz
F-196/U	184-205 "	220-225 "
F-202/U	314-344 "	420-450 "

2/80 or 3/80 issue Ham Radio Magazine, \$2.00

Other filters, used only \$14.95 each:
F-199/U 224-254 Mhz F-203/U 334-374 Mhz
F-200/U 254-284 " F-204/U 374-404 "
F-201/U 284-314 " F-241/U 75-84 "

COMPASS INDICATORS



I-81 RADIO COMPASS INDICATOR, 3" dia. 360 degree scale in increments of 5 degrees. Can be used with selsyn(s) to indicate wind direction or as an antenna position indicator as described in K1TX's Sept. '79 article in QST. Requires 24 V 400 Hz or 12 V 60 Hz.

2 lbs sh. Used, \$8.95; connector, \$2.50

ID-91/ARN INDICATOR, similar to I-81 except 2 degree increments. Reconditioned, \$14.95

I-82 INDICATOR, 5" dia. 1 degree increments; 4 lbs sh wt. Used, \$16.95; Recond. \$22.95

I-112 INDICATOR, same as I-82 but with reference pointer set, used, \$20.00

MN-42C INDICATOR, similar to I-82 except has dual azimuth dials and two AY-1 selsyns. Used in aircraft having two separate antenna loop systems. 5 lbs. sh. Used, \$22.00

SPERRY #5663642 SELSYN as used in wind and antenna position projects. Unused, \$2.95

DAV WALKIE-TALKIE



DAV-2 PORTABLE TRANSCEIVER with direction-finder circuit; operates on single channel between 2.3 and 4.5 Mhz w 200 MW. Has controls for receive, transmit, and sense. Also water-tight O.D. plywood case, JK-26 phone jack, connection for T-45 mic, FT-243 crystal (no frequency choice), book, and tubes 3/3S4, 2/1T4, 1R5, and 1S5. Requires 67.5 VDC 3 ma, 135 VDC 19 ma, 6 VDC 30 ma, and 1.5 VDC 225 ma. Size: 10 $\frac{1}{2}$ x3 $\frac{1}{2}$ x10, 8 lbs sh wt. Used, \$10.95
We will ship matched frequency pairs when two or more DAV's are orders.

ACCESSORIES which can be used with DAV-2:
T-45 LIP MIC or T-30 THROAT MIC, unused, \$3.
CC1-49559 HEADSET ASSEMBLY consisting of cloth helmet with headphones, unused, \$4.95
H-62 HEADSET, used, \$4.95
CW-51071 LIP MIC, used w/H-62; unused, \$3.00
CC1-66081 ANTENNA, seven section 15"-85" collapsible-telescoping, \$1.50 w/DAV purch.

MINIMUM ORDER \$5.00

0.2 TO 30 MHZ SSB

GL33 HF RECEIVER, 0.2 to 30 Mhz SSB, AM, & CW in thirty continuously tunable bands. Set



is a Collins 51S1 receiver repackaged by LTV-Temco for military airborne use. It has extended lower frequency range plus a jack for a 14-600 KHz tuner, AM BFO, and extra electronic filtering. Crystal check points every 100 KHz. Final IF 500 KHz. AM BFO variable from 465 to 515 KHz. Controls for CW-LSB-USB-AM, Rejection Tuning, and meter switch RF--10DBM-ODEM. Input impedance: 50 ohms. Audio output imped: 4 or 600 ohms. Matching phone patch imped: 500-600 ohms. With tubes 5/6EAS, 3/6EAB, 2/12AX7, 2/6136, 6CD6, 5670, 6BF5, and 6AK6. Requires 115/230 VAC 50-60 or 400 Hz; also 24 VDC 168 ma for the AM BFO only. 6 $\frac{1}{2}$ x18 $\frac{1}{2}$ x13; 40 lbs sh wt. Used, repairable, \$695.00; Checked, \$850.00 COLLINS 51S1 MANUAL, \$15 w/purchase of GL33.

COLLINS 250 KHZ I.F.

250 KHz IF ASSEMBLY from Collins 618S-1 transceiver. Has 250 KHz mechanical filter with 6.7 KHz width and tubes 3/5749 and 2/5726. 4 $\frac{1}{2}$ x6x3 $\frac{1}{2}$; 3 lbs sh wt. #IF250-67/618S1, used, \$12.95



250 KHz IF ASSEMBLY from RT-311/ARC-38 transceiver. Similar to above but with two mechanical filters--one 2 KHz width, the other 8.5 KHz. #IF250/ARC38 \$24.95



250 KHZ CRYSTAL OSCILLATOR from Collins 618S1. Has 250 KHz BFO oscillator coil, crystal oven with CR-46 250 KHz crystal, and 2/5749 tubes. 4 $\frac{1}{2}$ x6x1 $\frac{1}{2}$; 2 lbs sh. #OSC-250/618S1, \$12.

OSCILLATOR

TRANSISTORIZED CRYSTAL OSCILLATOR & BUFFER ASSEMBLY, 56 to 99 Mhz with trimmers for OSC and BUF. Temperature controlled oven with HC-6 crystal holder. Has BNC connection and 2/submini 27 (UG-1465) connectors. Also DEC-9P connector. 6 $\frac{1}{2}$ x2x3 $\frac{1}{2}$; 2 lbs. #OSC99828, \$10.

SWITCH & LAMP PANEL

DATA CONTROL & INDICATOR PANEL, an excellent source of components such as switches and indicator lights.



Has seven hexadecimal rotary switches with skirted knobs marked 0,1,2,...,D,E,F; one hex switch 0-7; five rotary switches (one each 4-5-, and 6-position, two 8-pos.) with one selected position open--all others making; two SPDT push switches; twelve SPDT toggle switches; and seventy 4 V 47 MA indicator lights--mostly with white plastic lenses. Panel size: 11 $\frac{1}{2}$ x27x2, 15 lbs sh wt. #DC-IP/NCR, \$19.95

WEBCOR RECORDER

WEBCOR TAPE RECORDER, plays and records @ 3 $\frac{1}{2}$ or 7 $\frac{1}{2}$ ips; accepts upto 7" dia reels. Has standard features fast forward/rewind plus edit lever, footage counter, and 20-0-20 record level indicator. Also mic, bridge, and external speaker jacks, and built-in speaker. Monaural use only; 100-10000 Hz response @ 7 $\frac{1}{2}$ ips. Mic input impedance: 500K ohms. With tubes 12AU7, 12AX7, 6X4, 6BQ5, 6HU6, & 7025. Requires 115 VAC 60 Hz. 13 $\frac{1}{2}$ x12 $\frac{1}{2}$ x7; 32 lbs sh. Units checked for basic playback/record; may need further adjustments. Mic and reels not included. #WEBCOR-173B, used, \$39.95; MIC \$6 w/set purchase. MANUAL, partial repro., \$8.50

INFRARED BEACON

US/X9B NAN INFRARED BEACON, originally used on landing craft or on shore for clandestine signaling.



System consists of gray painted brass lamp assembly with 100 watt 12 VDC bulb and 4 $\frac{1}{2}$ " dia. X 4" high infrared glass dome, control box with manual signaling key (provision for automatic key), two section brass and wood 63" mast, 25' power cable, and steel spares box containing extra bulb, dome, and hardware. Infrared-sensitive optics required for detection of this beacon. Instruction book included. Stored by gov't. since 1945. Re-boxed in two 27 lbs cartons. Unused \$29.95

MRC-66 RADIO-TELEPHONE



MRC-66 SUBSCRIBER SET, designed by Motorola as part of full

duplex SSB mobile radio-telephone system which transmits at 156 or 166 Mhz, receives at 156 Mhz. Each set has two channels plus a conference channel. (156 Mhz was used simplex if the central switching installation became inoperative.) Transmitter consists of SSB generator, oscillator, mixer, two driver chassis, and two power amp chassis--one 156 Mhz, the other 166 Mhz and each with 4CX300 tube. Cavity tuning used in driver and P-A sections Receiver has two RF amps along with IF, frequency correction circuitry, oscillators, two tone decoders, etc. Transmitter has 25 tubes; receiver 35 tubes. Both have ringing and busy signal circuits. Also included in set are power supply, 24 VDC 30 amp dynamotor, cables and rack. Control box which is necessary is not available. Size: 15 $\frac{1}{2}$ x6x18 (rec. and trans units each), 9 $\frac{1}{2}$ x6x17 (pwr supply). Shipped in wood crate as received from gov't; 250 lbs sh wt. MRC-66 SUB-set, w/schematics, \$250.00

MOBILE FM RADIO SET



AN/VRC-52 MOBILE FM TRANSMITTER consisting of R1146 receiver and T-991 transmitter-power supply. Units designed to operate from 12 or 24 VDC on a single crystal-controlled channel in the 132-152 FM Mhz range. Power output approx. 22 watts using 6883 tube in P-A final. Transistorized receiver has 4" speaker, 4-pin Amphenol receptacle for mic, and controls for on-stand by-off, volume, squelch. Transmitter has connection for PL-259; controls inside for P-plate, antenna coupling, and antenna tuning; and tubes 6883, 6AK6, 2/6BH6, 6BJ6, and 12BR7 w/interconnect and power cables; manual not available. Comco mfg. Size: 7x4 $\frac{1}{2}$ x5 $\frac{1}{2}$ (R1146), 12 $\frac{1}{2}$ x6x7 (T991); 20 lbs sh. Used, \$65.00

R-395 DF RECEIVER

R-395/PRD-1 RADIO DIRECTION-FINDER, 100 KHz to 30 Mhz AM, CW, ICW in seven bands; FM over 12.5-30 Mhz. 34 KHz bandwidth. 100 KHz crystal calibrator for bands 1-2-3 (100-1200 KHz), 1300 KHz bands 4-5 (1.14-5.8 Mhz), and 4000 KHz bands 6-7 (5.5-30 Mhz). Has two tuned RF amplifiers using two 6AK5's. Also 7/1U4, 1R5, 2/1U5, 6C4, 3Z4, and 3A5. Originally employed diamond-shaped AS-536 loop antenna (not available) consisting of four 3' sections and a center diagonal rod mounted to receiver's top. 1.5, 6.3, -.6, and 90 VDC required. 18 $\frac{1}{2}$ x13x13 $\frac{1}{2}$; 64 lbs net, 75 lbs sh. Used, \$95.00 Schematic, \$3. MANUAL, partial repro., \$12.



FM STATION MONITOR

TS-971 TEST SET, similar to Motorola T1130-series FM station monitors. Consists of unichannel sensicon control receiver, WWV receiver, squelch kit, power supply, and two 4 $\frac{1}{2}$ x4 $\frac{1}{2}$ panel meters--one for 15-0-15



Carrier Frequency (KC) or Relative Field Strength (ua), the other 0-20 KC Modulation deviation 0 \circ -0-+6 DB Line Level. Set is designed FM transmitters in 150.8 to 174 Mhz range upto 50 watts output and is usable for 450 to 470 Mhz range. Carrier deviation determined by selecting 150, 155, 160, or 170 Mhz reference crystal for control receiver plus channel crystal for the difference between the reference crystal and the transmitter frequency. Any deviation is indicated on panel meters. WWV receiver selectable 10 or 15 Mhz and can be heard on built-in 3 ohm speaker. WWV section also has 5 Mhz crystal standard for calibrating control receiver. Easy access to unit's 26 tubes by front panel door or lift top on cabinet. Shipped with choice of 150, 155, or 160 Mhz reference crystal (give alternate). Size: 21x10 $\frac{1}{2}$ x13 $\frac{1}{2}$, 58 lbs sh wt. Used, repairable, \$65. Extra ref. xtal, \$10.

IMPEDANCE BRIDGE

GENERAL RADIO TYPE 650A IMPEDANCE BRIDGE, designed to measure the inductance and storage factor (Q) of coils, the capacitance and dissipation factor (D) of capacitors, and the AC and DC resistance of resistors. Resistance: 1 m-ohm to 1 M-ohm. Capacitance: 1 pf-100 mfd.



Inductance: 1 uHy-100 Hy. Dissipation factor: 0.002 to 1. Storage factor Q: 0.02 to 1000. Unit is four arm impedance bridge, includes standards, and has 1000 Hz microphone hummer. Measurements read directly on dials. Requires four #6 dry cells or 6 VDC 1.5 amps. Size: 12x20x8 $\frac{1}{2}$; 34 lbs sh. Used, repairable, \$99.50

GENERAL RADIO 650-F1 OSCILLATOR-AMPLIFIER, provides vacuum tube generated 1000 Hz signal for GR-650A for more accurate readings and also allows 115 VAC 60 Hz operation of the bridge. Fits into battery box of the GR-650A. 6 lbs. Used, \$25.00 when purchased w/GR-650A.

PHASE-TEST SCOPE



MK56 PHASE-TEST SCOPE, essentially an OS-8 oscilloscope modified to check phasing of selsyns and synchros. Major changes are the addition of a phase tune 0-360 \circ dial and enlarged case. Unit has 3RP1 CRT DC to 2 Mhz vertical, and DC to 500 KHz horizontal response Sweep: 3 to 50 KHz. Input impedance: 9 megohms shunted by 11 pf. Schematic incld. Requires 115 VAC 50-1000 Hz. 9 $\frac{1}{2}$ x9 $\frac{1}{2}$ x17, 24 lbs sh. Used, repairable \$55.

HIGH FREQUENCY VTVM

ME-160/USM-116 VACUUM TUBE VOLTMETER for volt measurements at frequencies upto 100 Mhz with probe and to 700 Mhz when used with coaxial T-connector (not available). Measures 0.01 to 300 V-rms in six ranges; 0.02 to 1000 VDC in seven ranges; 0.02 to 1000 MA-DC; and 0.2 to 1000 megohms. AC input impedance: 8 megohms (20 Hz); 80 kilohms shunted by 1.5 pf @ 50 Mhz. DC input imped: 100 megohms. Unit is electronically similar to HP-410B. With basic test leads and tubes 3/6AU6, 6X4, and 6923/EA52 in AC probe. Requires 115 VAC 50-60 or 400 Hz. 7x8 $\frac{1}{2}$ x12 $\frac{1}{2}$, 21 lbs sh. Used, repairable w/o accessories, \$55. Checked, without accessories, \$80.00 MANUAL for USM-116, partial repro., \$8.50



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100 WATT TRANSMATCH



100 WATT TRANSMATCH ASSEMBLY with Johnson 229-201 10 uH roller inductor, 600 pf variable capacitor, and two banks of 5 -Centra-lab 850 100 pf HV capacitors. Inductor has vernier dial; also Hi-Lo antenna impedance switch and 0-500-1000pf loading capacitor switch for adding parallel capacitance. Two UG-58 "N" connectors on rear. 5 1/2 x 6 1/2 x 7 1/2, 7 lbs. #SP-XM-LPS used, \$45.

A&B VARIABLE RESISTOR

ALLEN & BRADLEY VARIABLE CARBON LOAD RESISTOR, 2.75 ohms 200 W maximum. Has divider terminal which can be placed anywhere among the 3/32" dia carbon plates to decrease resistance. 2-3/8" dia knob loosens and tightens plates. O/a 15 1/2 x 4 1/2 x 3 1/2, 8 lbs sh #5905-525-1721, NEW, \$24.95



ISOLATION TRANSFORMER



DUAL PRIMARY, each 100/110/120 VAC 60 Hz; can be wired for 200/220/240 V input. Secondary 120 V 1.1 amp tapped 100 V 1 A; 8 V 2 A -0-8 V 1 A; and 16 V 1.5 A -0-16 V 1 A. Mounted on board with AC socket, fusholders for secondaries, and diagram. Xformer size: 5 1/2 x 4 1/2 x 4, 20 lbs sh. #97313, NEW \$14.95 2/\$25.

RADIO COMPASS RECEIVER



R-836/ARN-59 LF RECEIVER, compact unit covers 190 to 1750 Khz in bands 190-400, 400-840, and 840-1750 Khz. Designed to replace ARN-6 system and function as radio compass and direction finder receiver. Control box not available but can be tuned manually using MC-215 spline and/or spin knob. 142.5 Khz IF; has sub-mini tubes 2/5718, 5896, 5/5899, 3/5902, 2/6021, and 6112. Requires 24 VDC 1 amp, 110 VDC 90 ma, 125 VDC 20 ma; also 15 V 100 Hz for loop selsyns if used as automatic direction finder. Voltages originally supplied by DY-107 dynamotor which is not available. 4 1/2 x 4 1/2 x 10 1/2, 9 lbs. Used \$29.95 OPERATOR'S MANUAL, \$3. SCHEMATIC, \$2 w/set. MC-215 SPLINE, 6", \$1.50; SPIN KNOB, \$2. ID-637/ARN 3" dia COMPASS INDICATOR, \$8 w/set AC POWER SUPPLY w/speaker for R-836, our construction; 14 lbs sh, \$45.00

AT-382 LOOP ANTENNA for receivers in the 190-1500 Khz range such R-23/ARC-5, R-11, and R-836/ARN-59. 9" dia loop is turned manually by use of MC-215 spline and spin knob. Has HNG connection for RP. 14x9x4, 10 lbs sh wt. AT-382/L-10, unused \$12.95



BROADCAST & SHORTWAVE



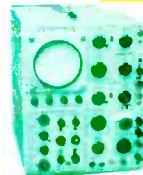
R-892/URR-44 RECEIVER, covers broadcast and shortwave in bands: 0.54-1.6, 1.6-3.45, 3.45-8.6, and 8.6-18.6 Mhz. 455 Khz I.F.; has built-in 4" speaker; controls for Monitor and AF levels, Fidelity, dial lock, and 600 ohm phone jack. Type N or lug antenna connections. With tubes 6BA7 3/6BA6, 5Y3, 3/6C4, 5670, and 2/5686. Requires 105/115/125 VAC 50-60 Hz. 18x11 1/2 x 16, 72 lbs sh. Used, checked, \$135.00

MATRIX PRINTER



VICTOR COMPTOMETER MODEL IP-130 MATRIX PRINTER used in point-of-sale register systems. 5 X 7 print head makes 34 - 3 mm characters per line in red or blue ink on standard 3 1/2" wide paper rolls. Has functions Line Feed, Return, and Carriage Forward. Control electronics not available; paper not included. Requires 115 VAC 60 Hz. 8 1/2 x 4 x 10 1/2, 13 lbs sh. W/schematic, NEW \$39.95

TEKTRONIX 585A



TEKTRONIX 585A OSCILLOSCOPE w/Type 82 DUAL-TRACE plug-in; features DC to 85 Mhz response, sweep delay, two time bases, and 4x10 cm display. Sweep: 50 nsec/cm to 2 sec/cm in 24 calibrated steps, variable to 5 sec/cm (Time base A); 2 sec/cm to 1 sec/cm in 15 calibrated steps (Base B). Delay continuously variable 2 sec to 10 sec. Risettime always less than 4.5 nsec. Amplitude calibrator 0.2 mv to 100 V peak-to-peak in 18 steps; 5X magnifier. Horizontal input impedance 1 megohm shunted by 47 pf. Requires 115/230 VAC 50/60 Hz. 17x13 1/2 x 24, 75 lbs sh. Used-repairable \$525 Checked 585A mainframe w/repairable 82, \$595.

SCOPE FOUNDATION



OSCILLOSCOPE FOUNDATION with 2AFL 2" dia CRT, shield, and socket plus four variable resistor controls on front panel and fixed resistor board behind panel. Does not have power supply; schematic not available. 7 1/2 x 3 x 8 1/2, 4 lbs sh. #10WG/205892, unused, \$19.95

HOWARD DUAL FAN



DUAL FAN RACK with two Howard 1175-08 4 1/2" dia 5-blade fans, each rated 115 V 50/60 Hz 18 watts. Fans are set at an angle to direct air upward at approx 40° angle. Steel rack mounts on standard 19" wide rack and includes fan grills and 4 1/2' AC cord. 4 1/2 x 19 x 5 1/2, 8 lbs sh. #DFR-W-82, NEW, \$16.95 ea.

ZEISS 300 MM LENS



CARL ZEISS 3-TESSAR multi-element color-corrected COPY LENS; 300 mm focal length and fixed aperture of F5.6. Front lens unscrews and is usable as separate 127 mm lens; 62 mm dia. Outer metal ring 3-5/8" dia; rear barrel 3" dia x 1-5/8"L. O/a 3-1/8" long. 3 lbs sh. #300MM-ZSL, NEW, \$16.95

PORTABLE 28' ANTENNA



AS-1882/GR ANTENNA SET p/o AN/TRD-4 0.5 to 30 Mhz direction finding system; stands 28' H assembled. Consists of 96"L mast section AT-442 (2" dia), -443 -444, and 70" mast AT-445 (1" dia); MX-1168 66" loading disc array; and MT-865 wood and metal gimble base. Also four GP-2 15" stakes, three 16" guy stakes, three 32" 1/8" th steel guy wires with insulators and clamp, loading resistor, canvas bag, and canvas case. 100 lbs sh wt; motor freight only. Used, \$79.50

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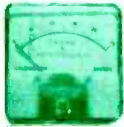
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50 mv. 15 AMP
SIZE: 2x1 1/2 x 1 1/2
6625-810-6742
UNUSED \$2.50



FS=50 UA w/ mirrored scale, zero adj. Scale: 4.0-20.0 GMS % HEMOGLOBIN. Mount on panel front or behind. Fits 2 1/2" dia. hole. 5 1/2 x 6 x 2; Beede mfg., \$7.95




CALIBROCHEM meters, FS=50 UA 2-3/8" square. Used, \$4.95 #200037, 0-150 -350% GLUCOSE scale. #200039, 0-.3% BLOOD ALCHL. #200056, 4-24% HEMOGLOBIN




TUBE TEST
REPLACEMENT METERS f/MERCURY tube checkers. Bad-7-Good scale; can be changed.

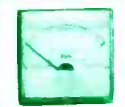
#990 FS=1 ma 2 1/2 x 2 1/2 \$3.00
#390 FS=1 ma 3 1/2 x 3 4.00
#3958 FS=1 ma Fan type 3 1/2 x 3 1/2 4.25
#1000 FS=1 ma 4x4 5.00
#2000 FS=1 MA 0-5000-25000 CM scale; 4 1/2 x 4 1/2 \$6.00




CB METERS clear plastic w/black scales. Scales are not linear. Size: 1-9/16" sq. NET \$2 ea #SWR/CEM, FS=250 ua (100 ua center); 1-2-3-5-coal sc. #PWR-S/CEM, as above but 0-5 pwr, 1-9 S-units. #S-PWR/CEM, FS=200 ua (75 ua ctr); 1-9 "S", 1-5 pwr.




CLEAR PLASTIC METERS, 2-3/8" sq. fit 2-1/8" dia. hole. EMI mfg. Unused. #D1145-2, 0-5-50 MADC, FS=5 mado, \$4.95 #D1159-1, 0-50-500 MADC scale, FS=50 mado, \$4.95 #D3630, 0-3 VDC, \$4.95



MICROMHOS DYNAMIC MUTUAL CONDUCTANCE USED IN I-177 TUBE CHECKER BASIC 0-1.4 MA. HICKOK #M547A STK# 3F1350 \$4.95



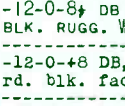
TV-2 REPLACEMENT METER, 0-250 SCREEN VOLTS, FS=1 MA. 2 1/2" RD. SEALED. NEW \$5.95



DECIBELS
-10-0-6+ DB 6mw 600 OHMS 2 1/2" RD. WEST. 2837 \$4.95
-12-0-8+ DB 100 UA FS 3 1/2" RD. BLK. RUGG. WAC4586 N \$7.95
-12-0-+8 DB, FS=100 ua, 3 1/2" rd. blk. face. Used, \$5.95
-20-0-3+ DB FS-199 MUA 2 1/2" RD #GA50934 USED \$4.95

OTHER VALUES IN STOCK, WRITE
POWER SET +6 TO 0 TO-3 2 1/2" RD. FS=200 UA, WAELINE 1496/400 RUGG/SEAL U \$3.95


RUNNING TIME
RUNNING TIME METER, 3 1/2" rd, 5-place; 115 VAC 60 Hz. #RTM-WRT-1, Used, \$9.95



LP-GAS METER, 0-1 VDC full scale. Mounts in 2" dia. hole. Chrome finish #48560-2, \$1.50 ea.



MULTIMETERS by Modutec. 5x4, zero adj, mirrored scale. Fits 2-5/8" dia. hole.




#841974, 0-10 VDC-AC rms-UA DC, 0-28 VAC p-p, OHMS. FS=100 uadc, new, \$7.95 #821155, 0-100 VDC, 0-75-150 MADC; FS=100 uadc. Not mirrored; 3x2 1/2. Fits 2-1/8 dia. hole. Unused, \$5.95


DUAL SCALE METER 0-1 MA MOVEMENT TWO MECHANICALLY SWITCHED SCALES, 0-25, 0-125. FOR BEHIND PANEL MTS. CAN BE ILLUMINATED SHAFT EXTENDS 3/8" FRONT AND REAR. 2 1/2 x 1 FACE, 2 1/2 x 3 x 1 1/2 OVE ALL. UNUSED \$4.95



ROENTGENS PER HOUR METER 50 MICROAMPERE D.C FULL SCALE 3 1/2" RUGGEDIZED REMOVEABLE PLASTIC LENSE, BLACK FACE. TOP SCALE 0-500, LOWER 0-10 #300-10764 UNUSED \$3.95




BALLENTINE V.T.V.M. METER ONLY AC VOLTS 1-10 DECIBELS 0-20 WESTON 643 4 1/2" OR EQ. MFG. PT. NO. 205007 NEW STK#6625-557-0899 \$8.95



OUTPUT METER FOR TS-497B AND TS-497C SIGNAL GENERATORS. 300-0-300 DC MICROAMPS. 3 1/2" RD. MARION HS3, #5705 NEW \$7.95




DC VOLTMETER 3 IN. Sq. NO SCALE COLORED SEGMENT SIMPSON MFG. NEW 50 VDC #1913 \$6 25 VDC #1906 \$6




REPLACEMENT METERS, good meters removed f/equipment. TS-352/ME-9 4 1/2" rd., \$15.00 ME-26D, 4 1/2" rd., \$15.00 ME-81/USEM-34, unused, \$12. TV-7 tube test, 3 1/2" rd, \$12 RT-66-67-68 xmitters 1 1/2" \$8

GENERAL ELECTRIC AD-6 PANEL METER 0-300 VAC 25-125 Hz, high accuracy for lab use. Metal case 5 1/2 x 5 1/2, 6 lbs sh. Unused, \$19.95




AC AMMETERS
0-3 AMPS AC, scale not graduated; 3 1/2" rd, \$9.95
0-125 ACA FS=5 A for 400 Hz; 3 1/2" rd. Hickok \$9.95
0-300 ACA FS-5A, 3 1/2" rd black face; used, \$8.95

CURRENT TRANSFORMERS for AC ammeters; unused. #7150, ratio 260:5 A, 40 VA 50-125 Hz; 1 1/2 x 4" dia, \$4.95 #3947, ratio 200:2.5 A 5VA 400 Hz; 1 1/2 x 3 1/2" dia, \$2.95



SMALL METERS 1 1/2" square; sealed \$5 #20UAL0, 0-20 UA x10; FS=200 ua. #6719; -20-0-20 scale; FS=1 mado, Waeline. #0728, 0-10, FS=50 mv; blk face, Weston 151. Unused. #7963; 0-10 scale, FS=1 ma, 1 1/2" dia., Ideal S-100.



STORE HOURS
9 A.M. TO 5:30 P.M.
MONDAY THRU FRIDAY
9 A.M. TO 1 P.M. SATURDAY

TERMS
PRICES NET, F.O.B. LIMA, OHIO SEND MONEY ORDER, CERTIFIED CHECK, VISA, or MASTERCARD with PURCHASE ORDER for IMMEDIATE SERVICE.
We reserve the right to hold an order accompanied by personal or company check until after check clears the banks.

MINIMUM ORDER \$5.00
Orders less than \$5.00 ADD \$1.00 HANDLING CHARGE.
Include sufficient money for shipping charges. (UNUSED PAYMENTS RETURNED AT ONCE.) Otherwise we will send shipping charges collect.
C.O.D. ORDERS, SEND 50% OF PURCHASE WITH ORDER. CASH BALANCE will be COLLECTED UPON DELIVERY.

When writing for information PLEASE state what specific information you desire.

DESCRIPTIONS
ALL MATERIAL OFFERED IN THIS CATALOG IS IN "USED-COMplete" CONDITION, UNLESS QUALIFIED AND/OR NOTED AS "RECONDITIONED," "UNUSED," OR "NEW."
MERCHANDISE IS NOT OPERATIONALLY CHECKED UNLESS SPECIFIED AS "CHECKED."
EQUIPMENT DESCRIBED AS "REPAIRABLE"--MEANING "ABLE TO BE REPAIRED"--IS ELECTRO-MECHANICALLY COMPLETE, BUT REQUIRES SOME TROUBLESHOOTING BY THE CUSTOMER.

AC VOLTMETERS
0-3VAC 3"RD. SUB PANEL MTG 1000 P/V 2F8003-11NEW \$7.
0-8 VAC, 3 1/2" rd; various manufacturers, used \$6.95
0-10 VAC 2 1/2" rd. \$4.95 3 1/2" rd or sq \$5.95 var.mfg.
0-20 VAC 3 1/2" rd. various mfg. unused \$8.95 used \$7
30-150 VAC 60 Hz, various mfg: 2 1/2" rd., used, \$6.95
0-300 VAC, 2 1/2" rd, used \$6.
0-100 VAC, 3 1/2" rd., Hickok Model 47M, used, \$5.95
0-15 VAC, 3 1/2" rd., various mfg., used, \$5.95
0-50 VAC, 1000u/v, 3 1/2" sq. WESTON 301, UNUSED, \$6.95

AC AMMETERS
0-3 AMPS AC, scale not graduated; 3 1/2" rd, \$9.95
0-125 ACA FS=5 A for 400 Hz; 3 1/2" rd. Hickok \$9.95
0-300 ACA FS-5A, 3 1/2" rd black face; used, \$8.95

DC VOLTMETERS
0-50 VDC EDGWISE; 1/2 X 1 1/2" X 1 1/2". HONEYWELL, NEW, \$8.
0-15-600 VDC, 2 1/2" rd black face; w/mult. code-Used \$6.
0-1 VDC 10KΩ/V, 2 1/2" rd sealed; used, \$5.95
0-5 VDC, 3 1/2" rd., various mfg., used, \$6.95
0-80 VDC 3 1/2" rd; various mfg., unused, \$6.95
0-100VDC sc. 2 1/2" RD. RUGGED #9545 NEW \$5.95
0-750 VDC, 3 1/2" sq Simpson; used, \$5.95
0-200 VDC, 3 1/2" rd. sealed; various mfg. Used, \$6.95
0-300 VDC, 2 1/2" round; various mfg. Unused \$5.95
0-500VDC sc. 3" sq. #231-1624 Used \$5.95
0-20 KV, FS=1 ma dc; 3 1/2" rd sealed; used, \$6.95
KILOVOLTS DC, FS=1 MA: 0-1.5 KVDC 3 1/2" rd. Used \$6. 0-4 KVDC, 3 1/2" rd. Unused \$7

DC AMMETERS
0-1.5 AMPS DC, 1 1/2" sq; Rowan mfg., used, \$7.95
25-0-25 ADC, 3 1/2" rd Simpson; unused, \$9.95
0-2 ADC, 3 1/2" rd., Westinghouse NX-35, used, \$8.95
DC AMMETERS, FS=50 MV: 0-200, 2 1/2" rd, new, \$6.95 0-1500 3 1/2" rd, used \$7.95
30-0-30 ADC AUTOMOTIVE-style; 2 1/2" dia, NEW \$3.95
BATTERY CHARGE, FS=10 amps red line 6 A; 2 1/2" rd, Benwood-Linze mfg. Unused \$4.

DC MICROAMPS.
0-200 UADC, 3 1/2" rd. sealed; Var. mfg. #3981, new, \$3.95
0-200 UADC and -8-0-+6 DB, 2 1/2" rd. sealed, new, \$4.95
0-500 UADC, 2 1/2" rd., Var. mfg. Used, \$4.95
500-0-500 UA-DC, 3 1/2" rd., various mfg., unused \$6.95
FS=20 UA DC, 0-2 ma indicated; 3 1/2" rd, \$6.95
50 UA MOVEMENT, SCALE -30, 0, 150, POINTER AT ZERO, SEAL ED, 2 1/2" RD USED TRC30150 \$4
50 UA MOVE, SCALE 0-100 % MOD/PEAK VOLTS. SEALED 2 1/2" RD USED TRC10050 \$4.00
FS=50 UA DC, 0-50 ua & 250 ma scale; 3 1/2" sq. NEW \$7.

D.C. MILLIAMPS.
FS=1 MADC, 0-100-500 scale 2 1/2" rd sealed, used, \$4.95
0-3 MA-DC, 3 1/2" rd. sealed. #4081, unused, \$6.95
0-80 DCMA SCALE 2 1/2" RD. RUGG. #8274 N \$4.95
0-100DCMA 100MA. MOVE. 3 1/2" RD. RUGG. #4265 N \$6.95
0-150 DCMA SC. USED 3 1/2" RD. STD. CAY22061 \$5.95
0-200 DCMA SC. 2 1/2" RD. USED #MR25200DCMA \$3.95
0-200 DCMA SC. 3 1/2" RD NEW GE-CG22063 \$5.95
0-20 MA-DC, 3 1/2" rd. Various mfg. Used, \$5.50 Unused \$7.
0-500 MADC, 3 1/2" sq. Simpson Used, ptr. tip bent, \$4.95
0-15-300 MA-DC, FS=15 mado, 3 1/2" rd. Various mfg. \$5.95
1-0-1 MADC, 2 1/2" rd sealed; various mfg., used, \$5.95
0-50 MADC, 3 1/2" rd., various mfg., used, \$6.95
100-0-100 MA DC, 3 1/2" rd Simpson; NEW, \$5.95

D.C. MILLIAMPS.
FS=1 MADC, 0-100-500 scale 2 1/2" rd sealed, used, \$4.95
0-3 MA-DC, 3 1/2" rd. sealed. #4081, unused, \$6.95
0-80 DCMA SCALE 2 1/2" RD. RUGG. #8274 N \$4.95
0-100DCMA 100MA. MOVE. 3 1/2" RD. RUGG. #4265 N \$6.95
0-150 DCMA SC. USED 3 1/2" RD. STD. CAY22061 \$5.95
0-200 DCMA SC. 2 1/2" RD. USED #MR25200DCMA \$3.95
0-200 DCMA SC. 3 1/2" RD NEW GE-CG22063 \$5.95
0-20 MA-DC, 3 1/2" rd. Various mfg. Used, \$5.50 Unused \$7.
0-500 MADC, 3 1/2" sq. Simpson Used, ptr. tip bent, \$4.95
0-15-300 MA-DC, FS=15 mado, 3 1/2" rd. Various mfg. \$5.95
1-0-1 MADC, 2 1/2" rd sealed; various mfg., used, \$5.95
0-50 MADC, 3 1/2" rd., various mfg., used, \$6.95
100-0-100 MA DC, 3 1/2" rd Simpson; NEW, \$5.95

D.C. VOLTMETERS
0-50 VDC EDGWISE; 1/2 X 1 1/2" X 1 1/2". HONEYWELL, NEW, \$8.
0-15-600 VDC, 2 1/2" rd black face; w/mult. code-Used \$6.
0-1 VDC 10KΩ/V, 2 1/2" rd sealed; used, \$5.95
0-5 VDC, 3 1/2" rd., various mfg., used, \$6.95
0-80 VDC 3 1/2" rd; various mfg., unused, \$6.95
0-100VDC sc. 2 1/2" RD. RUGGED #9545 NEW \$5.95
0-750 VDC, 3 1/2" sq Simpson; used, \$5.95
0-200 VDC, 3 1/2" rd. sealed; various mfg. Used, \$6.95
0-300 VDC, 2 1/2" round; various mfg. Unused \$5.95
0-500VDC sc. 3" sq. #231-1624 Used \$5.95
0-20 KV, FS=1 ma dc; 3 1/2" rd sealed; used, \$6.95
KILOVOLTS DC, FS=1 MA: 0-1.5 KVDC 3 1/2" rd. Used \$6. 0-4 KVDC, 3 1/2" rd. Unused \$7

D.C. MICROAMPS.
0-200 UADC, 3 1/2" rd. sealed; Var. mfg. #3981, new, \$3.95
0-200 UADC and -8-0-+6 DB, 2 1/2" rd. sealed, new, \$4.95
0-500 UADC, 2 1/2" rd., Var. mfg. Used, \$4.95
500-0-500 UA-DC, 3 1/2" rd., various mfg., unused \$6.95
FS=20 UA DC, 0-2 ma indicated; 3 1/2" rd, \$6.95
50 UA MOVEMENT, SCALE -30, 0, 150, POINTER AT ZERO, SEAL ED, 2 1/2" RD USED TRC30150 \$4
50 UA MOVE, SCALE 0-100 % MOD/PEAK VOLTS. SEALED 2 1/2" RD USED TRC10050 \$4.00
FS=50 UA DC, 0-50 ua & 250 ma scale; 3 1/2" sq. NEW \$7.

D.C. MILLIAMPS.
FS=1 MADC, 0-100-500 scale 2 1/2" rd sealed, used, \$4.95
0-3 MA-DC, 3 1/2" rd. sealed. #4081, unused, \$6.95
0-80 DCMA SCALE 2 1/2" RD. RUGG. #8274 N \$4.95
0-100DCMA 100MA. MOVE. 3 1/2" RD. RUGG. #4265 N \$6.95
0-150 DCMA SC. USED 3 1/2" RD. STD. CAY22061 \$5.95
0-200 DCMA SC. 2 1/2" RD. USED #MR25200DCMA \$3.95
0-200 DCMA SC. 3 1/2" RD NEW GE-CG22063 \$5.95
0-20 MA-DC, 3 1/2" rd. Various mfg. Used, \$5.50 Unused \$7.
0-500 MADC, 3 1/2" sq. Simpson Used, ptr. tip bent, \$4.95
0-15-300 MA-DC, FS=15 mado, 3 1/2" rd. Various mfg. \$5.95
1-0-1 MADC, 2 1/2" rd sealed; various mfg., used, \$5.95
0-50 MADC, 3 1/2" rd., various mfg., used, \$6.95
100-0-100 MA DC, 3 1/2" rd Simpson; NEW, \$5.95

D.C. MICROAMPS.
0-200 UADC, 3 1/2" rd. sealed; Var. mfg. #3981, new, \$3.95
0-200 UADC and -8-0-+6 DB, 2 1/2" rd. sealed, new, \$4.95
0-500 UADC, 2 1/2" rd., Var. mfg. Used, \$4.95
500-0-500 UA-DC, 3 1/2" rd., various mfg., unused \$6.95
FS=20 UA DC, 0-2 ma indicated; 3 1/2" rd, \$6.95
50 UA MOVEMENT, SCALE -30, 0, 150, POINTER AT ZERO, SEAL ED, 2 1/2" RD USED TRC30150 \$4
50 UA MOVE, SCALE 0-100 % MOD/PEAK VOLTS. SEALED 2 1/2" RD USED TRC10050 \$4.00
FS=50 UA DC, 0-50 ua & 250 ma scale; 3 1/2" sq. NEW \$7.

D.C. MILLIAMPS.
FS=1 MADC, 0-100-500 scale 2 1/2" rd sealed, used, \$4.95
0-3 MA-DC, 3 1/2" rd. sealed. #4081, unused, \$6.95
0-80 DCMA SCALE 2 1/2" RD. RUGG. #8274 N \$4.95
0-100DCMA 100MA. MOVE. 3 1/2" RD. RUGG. #4265 N \$6.95
0-150 DCMA SC. USED 3 1/2" RD. STD. CAY22061 \$5.95
0-200 DCMA SC. 2 1/2" RD. USED #MR25200DCMA \$3.95
0-200 DCMA SC. 3 1/2" RD NEW GE-CG22063 \$5.95
0-20 MA-DC, 3 1/2" rd. Various mfg. Used, \$5.50 Unused \$7.
0-500 MADC, 3 1/2" sq. Simpson Used, ptr. tip bent, \$4.95
0-15-300 MA-DC, FS=15 mado, 3 1/2" rd. Various mfg. \$5.95
1-0-1 MADC, 2 1/2" rd sealed; various mfg., used, \$5.95
0-50 MADC, 3 1/2" rd., various mfg., used, \$6.95
100-0-100 MA DC, 3 1/2" rd Simpson; NEW, \$5.95

D.C. VOLTMETERS
0-50 VDC EDGWISE; 1/2 X 1 1/2" X 1 1/2". HONEYWELL, NEW, \$8.
0-15-600 VDC, 2 1/2" rd black face; w/mult. code-Used \$6.
0-1 VDC 10KΩ/V, 2 1/2" rd sealed; used, \$5.95
0-5 VDC, 3 1/2" rd., various mfg., used, \$6.95
0-80 VDC 3 1/2" rd; various mfg., unused, \$6.95
0-100VDC sc. 2 1/2" RD. RUGGED #9545 NEW \$5.95
0-750 VDC, 3 1/2" sq Simpson; used, \$5.95
0-200 VDC, 3 1/2" rd. sealed; various mfg. Used, \$6.95
0-300 VDC, 2 1/2" round; various mfg. Unused \$5.95
0-500VDC sc. 3" sq. #231-1624 Used \$5.95
0-20 KV, FS=1 ma dc; 3 1/2" rd sealed; used, \$6.95
KILOVOLTS DC, FS=1 MA: 0-1.5 KVDC 3 1/2" rd. Used \$6. 0-4 KVDC, 3 1/2" rd. Unused \$7

D.C. MICROAMPS.
0-200 UADC, 3 1/2" rd. sealed; Var. mfg. #3981, new, \$3.95
0-200 UADC and -8-0-+6 DB, 2 1/2" rd. sealed, new, \$4.95
0-500 UADC, 2 1/2" rd., Var. mfg. Used, \$4.95
500-0-500 UA-DC, 3 1/2" rd., various mfg., unused \$6.95
FS=20 UA DC, 0-2 ma indicated; 3 1/2" rd, \$6.95
50 UA MOVEMENT, SCALE -30, 0, 150, POINTER AT ZERO, SEAL ED, 2 1/2" RD USED TRC30150 \$4
50 UA MOVE, SCALE 0-100 % MOD/PEAK VOLTS. SEALED 2 1/2" RD USED TRC10050 \$4.00
FS=50 UA DC, 0-50 ua & 250 ma scale; 3 1/2" sq. NEW \$7.

D.C. MILLIAMPS.
FS=1 MADC, 0-100-500 scale 2 1/2" rd sealed, used, \$4.95
0-3 MA-DC, 3 1/2" rd. sealed. #4081, unused, \$6.95
0-80 DCMA SCALE 2 1/2" RD. RUGG. #8274 N \$4.95
0-100DCMA 100MA. MOVE. 3 1/2" RD. RUGG. #4265 N \$6.95
0-150 DCMA SC. USED 3 1/2" RD. STD. CAY22061 \$5.95
0-200 DCMA SC. 2 1/2" RD. USED #MR25200DCMA \$3.95
0-200 DCMA SC. 3 1/2" RD NEW GE-CG22063 \$5.95
0-20 MA-DC, 3 1/2" rd. Various mfg. Used, \$5.50 Unused \$7.
0-500 MADC, 3 1/2" sq. Simpson Used, ptr. tip bent, \$4.95
0-15-300 MA-DC, FS=15 mado, 3 1/2" rd. Various mfg. \$5.95
1-0-1 MADC, 2 1/2" rd sealed; various mfg., used, \$5.95
0-50 MADC, 3 1/2" rd., various mfg., used, \$6.95
100-0-100 MA DC, 3 1/2" rd Simpson; NEW, \$5.95

D.C. VOLTMETERS
0-50 VDC EDGWISE; 1/2 X 1 1/2" X 1 1/2". HONEYWELL, NEW, \$8.
0-15-600 VDC, 2 1/2" rd black face; w/mult. code-Used \$6.
0-1 VDC 10KΩ/V, 2 1/2" rd sealed; used, \$5.95
0-5 VDC, 3 1/2" rd., various mfg., used, \$6.95
0-80 VDC 3 1/2" rd; various mfg., unused, \$6.95
0-100VDC sc. 2 1/2" RD. RUGGED #9545 NEW \$5.95
0-750 VDC, 3 1/2" sq Simpson; used, \$5.95
0-200 VDC, 3 1/2" rd. sealed; various mfg. Used, \$6.95
0-300 VDC, 2 1/2" round; various mfg. Unused \$5.95
0-500VDC sc. 3" sq. #231-1624 Used \$5.95
0-20 KV, FS=1 ma dc; 3 1/2" rd sealed; used, \$6.95
KILOVOLTS DC, FS=1 MA: 0-1.5 KVDC 3 1/2" rd. Used \$6. 0-4 KVDC, 3 1/2" rd. Unused \$7

D.C. MILLIAMPS.
FS=1 MADC, 0-100-500 scale 2 1/2" rd sealed, used, \$4.95
0-3 MA-DC, 3 1/2" rd. sealed. #4081, unused, \$6.95
0-80 DCMA SCALE 2 1/2" RD. RUGG. #8274 N \$4.95
0-100DCMA 100MA. MOVE. 3 1/2" RD. RUGG. #4265 N \$6.95
0-150 DCMA SC. USED 3 1/2" RD. STD. CAY22061 \$5.95
0-200 DCMA SC. 2 1/2" RD. USED #MR25200DCMA \$3.95
0-200 DCMA SC. 3 1/2" RD NEW GE-CG22063 \$5.95
0-20 MA-DC, 3 1/2" rd. Various mfg. Used, \$5.50 Unused \$7.
0-500 MADC, 3 1/2" sq. Simpson Used, ptr. tip bent, \$4.95
0-15-300 MA-DC, FS=15 mado, 3 1/2" rd. Various mfg. \$5.95
1-0-1 MADC, 2 1/2" rd sealed; various mfg., used, \$5.95
0-50 MADC, 3 1/2" rd., various mfg., used, \$6.95
100-0-100 MA DC, 3 1/2" rd Simpson; NEW, \$5.95

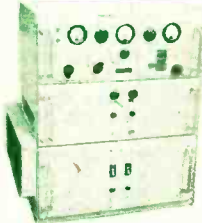
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0-15-600 VDC, 2 1/2" rd black face; w/mult. code-Used \$6.
0-1 VDC 10KΩ/V, 2 1/2" rd sealed; used, \$5.95
0-5 VDC, 3 1/2" rd., various mfg., used, \$6.95
0-80 VDC 3 1/2" rd; various mfg., unused, \$6.95
0-100VDC sc. 2 1/2" RD. RUGGED #9545 NEW \$5.95
0-750 VDC, 3 1/2" sq Simpson; used, \$5.95
0-200 VDC, 3 1/2" rd. sealed; various mfg. Used, \$6.95
0-300 VDC, 2 1/2" round; various mfg. Unused \$5.95
0-500VDC sc. 3" sq. #231-1624 Used \$5.95
0-20 KV, FS=1 ma dc; 3 1/2" rd sealed; used, \$6.95
KILOVOLTS DC, FS=1 MA: 0-1.5 KVDC 3 1/2" rd. Used \$6. 0-4 KVDC, 3 1/2" rd. Unused \$7

D.C. MICROAMPS.
0-200 UADC, 3 1/2" rd. sealed; Var. mfg. #3981, new, \$3.95
0-200 UADC and -8-0-+6 DB, 2 1/2" rd. sealed, new, \$4.95
0-500 UADC, 2 1/2" rd., Var. mfg. Used, \$4.95
500-0-500 UA-DC, 3 1/2" rd., various mfg., unused \$6.95
FS=20 UA DC, 0-2 ma indicated; 3 1/2" rd, \$6.95
50 UA MOVEMENT, SCALE -30, 0, 150, POINTER AT ZERO, SEAL ED, 2 1/2" RD USED TRC30150 \$4
50 UA MOVE, SCALE 0-100 % MOD/PEAK VOLTS. SEALED 2 1/2" RD USED TRC10050 \$4.00
FS=50 UA DC, 0-50 ua & 250 ma scale; 3 1/2" sq. NEW \$7.

D.C. MILLIAMPS.
FS=1 MADC, 0-100-500 scale 2 1/2" rd sealed, used, \$4.95
0-3 MA-DC, 3 1/2" rd. sealed. #4081, unused, \$6.95
0-80 DCMA SCALE 2 1/2" RD. RUGG. #8274 N \$4.95
0-100DCMA 100MA. MOVE. 3 1/2" RD. RUGG. #4265 N \$6.95
0-150 DCMA SC. USED 3 1/2" RD. STD. CAY22061 \$5.95
0-200 DCMA SC. 2 1/2" RD. USED #MR25200DCMA \$3.95
0-200 DCMA SC. 3 1/2" RD NEW GE-CG22063 \$5.95
0-20 MA-DC, 3 1/2" rd. Various mfg. Used, \$5.50 Unused \$7.
0-500 MADC, 3 1/2" sq. Simpson Used, ptr. tip bent, \$4.95
0-15-300 MA-DC, FS=15 mado, 3 1/2" rd. Various mfg. \$5.95
1-0-1 MADC, 2 1/2" rd sealed; various mfg., used, \$5.95
0-50 MADC, 3 1/2" rd., various mfg., used, \$6.95
100-0-100 MA DC, 3 1/2" rd Simpson; NEW, \$5.95

D.C. VOLTMETERS
0-50 VDC EDGWISE; 1/2 X 1 1/2" X 1 1/2". HONEYWELL, NEW, \$8.
0-

400 W AM TRANSMITTER



T-368/URT TRANSMITTER, 1.5 to 20 Mhz @ 450 watts CW, 400 watts AM. Uses master oscillator, frequency multiplier, intermediate power amp, and final power amp. Also 4-400A tube in the P-A, two 4-125's in the modulator, 1500 pf and 300 pf 10 KV vacuum variable capacitors in P-A. Input signal levels: 3-5 volts FSK, 30 V max external excitation. Input impedance: 56 ohms FSK, 1000 ohms external. Requires 115 VAC 50-60 Hz 1570 W (CW) or 2200 W (AM). 4 1/2 x 3 1/2 x 3 1/2, 650 lbs net. Sh wt: 940 lbs in wood crate as received from government. Used-good condition but not checked, \$495.00 Maintenance manual, partial repro, \$15.00

BC-939/TN-339 ANTENNA TUNER as used with T-368 or BC-610 transmitters; see page 25 for more info. Gov't reconditioned, \$100.00

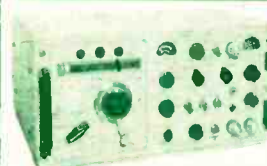
'SPACE TOY' MODULE

SPACE WARRIOR MODULE, electronic toy with motor speed and shooting sound effects with flashing LED's. Firing of infrared LED is detected on aggressor module causing "hit" effects and an inactive period. Requires 9 VDC transistor battery. Solder AS-IS, may have cold solder joints or other problem. 6 1/2 x 2 1/2 x 1 1/2, 2 lbs sh. #SPW-MOD, \$3.95 each; 2 for \$6.50



CIRCUIT BOARD only from above module, AS-IS; #SPW-PCB, \$2.50 each or 3 for \$6.00

14 TO 600 KHZ RECEIVER



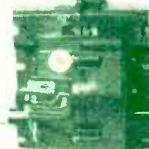
R1134/WRR-3 LOW-FREQUENCY RECEIVER, 14-600 KHz AM-CW-FS in five bands using mechanical digital tuning: 14-30 KHz (Band I), 30-63 (II) 63-133 (III), 133-283 (IV), and 283-600 KHz (V). Bands I and IV have 60 KHz 1st I-F; 200 KHz 2nd. Other bands single 200 KHz I-F. Calibrate points every 10 KHz. Output impedance: 600 ohms. Input: 50 ohms. Controls for BFO, broad-Sharp I-F and A-F selectivity, Antenna Compensator. With tubes 6AN5, 6AU6, 4/6C4, 3/5725, 5/5749, and 5751. Requires 115 VAC 50-60 Hz or 400 Hz. 8 1/2 x 17 1/2 x 1 1/2, 80 lbs sh wt. Used, checked, \$295. Manual, partial repro, \$15. Schematic \$3 w/set purchase

R-174/GRR RECEIVER

R-174/GRR-5 RECEIVER, 1.5 to 18 Mhz AM-CW in four bands continuously tuned or ten preset channels; 455 KHz I-F and 200 KHz crystal calibrator. Requires 90 VDC and 1.5 VDC which was originally supplied by PP-308 power supply (not available) Has 8 or 600 ohm output, BFO, and tubes 3V4, 3/1R5, 3/1L4, and 1U5. As shown; no outer case. 5 1/2 x 12 x 8, 23 lbs sh. Used, \$18.95 115 VAC SUPPLY w/speaker (our construct) \$30 11-pin POWER/AUDIO PLUG, \$3 w/set purchase. AN/GRR-5 MANUAL for R-174, \$7.50



ROBOT GEAR BOX



ROBOT GEAR BOX with two electrically independent 3 VDC motors which are loosely magnetic coupled. One gear has holes with 2 diodes used as optocouplers to sense rotational speed. Has two 3/8" dia splined shafts (48 RPM @ 3 VDC). This plastic gear box could be used for light-duty robot, cart, or animation projects O/a 7 1/4 x 2 1/2, 2 lbs. #WD-4955-18, \$3.50 4/11

HAMMARLUND SP-600

HAMMARLUND SP-600-JX RECEIVER, 0.54 to 54.0 MHz AM, CW, MCW; 455 KHz final I-F. Selectivity from 0.2 to 13.0 KHz in six steps plus crystal phasing control on three lowest steps. Frequency selection using VFO or six preset crystal channels. Also BFO, calibrated "S" meter, and AVC. Audio output impedance: 600 ohms. 30-239 connector for antenna; includes 20 tubes. 115/230 VAC 50-60 Hz required. 10 1/2 x 19 x 1 1/2, 76 lbs sh wt. Used-reparable, \$215. Checked, \$285. Manual for SP600-JX, partial repro, \$10.00 Cabinet for SP-600; 30 lbs, used, \$32.50



EMERGENCY FLASHER

EMERGENCY LIGHT-FLASHER-CHARGER, plugs into car lighter with 14 feet of cable and provides bright clear flasher for emergencies or continuous lighting for repairs, map reading, etc. Also has provision for trickle charging battery from another vehicle using an additional 3 ft cable connected to its lighter circuit. Has meter which indicates approximate charge time required. 6x4x3, 4 lbs sh. #EMERG-LFC, w/cables, NEW, \$5.00 LIGHTER CABLE, 14' as above, \$2.50; 30' \$1.



R-388/URR RECEIVER



R-388/URR RECEIVER, 0.5 to 30.5 Mhz AM-CW in thirty bands, 1 Mhz per band. Wide 6" linear scale permits precise tuning in megacycles or kilocycles. Has five step crystal selectivity, calibrated "S" meter, and calibration points every 100 KHz. 500 KHz IF; bandwidth 0.2 to 6 KHz. Audio output: 1.5 watts into 4 or 600 ohms. 50 ohm antenna input impedance. Requires 115/230 VAC 50-60 Hz. 10 1/2 x 19 x 1 1/2, 55 lbs sh wt. Used, repairable, \$325.00; Checked, \$400. Manual, partial repro, \$10.00

DOLLAR DAZE

PLEASE ORDER BY NUMBER. Unit prices only as indicated. Look for more DOLLAR DAZE throughout this catalog.

40-81 8" x 17" PLEXIGLASS SHEETS, 1/8"th Specify SMOKED, \$1.25

LOUD BUZZER-HORN as used in smoke alarms; 2" dia x 1 1/2". 6 VDC, \$1.25 ea. 12 VDC, \$1.35 ea. NEW!! 41-81

RECEIVER-TRANSMITTER CHASSIS, solid-state, broadcast band. \$2.00 9

SENTRY ALARM; buzzes when pin pulled. 2 1/2 x 1 1/2, 9v. \$1 3/32. 10

BRASS COUPLINGS for 3/8" dia. x 3/4" long shafts. 3 for \$1.00 23-77

MOBILE RADIO PLATE w/switch light, jack, 6' 10-cond. cable. Plate 3 1/2 x 3 1/2. \$1.00 25-77

LEATHERETTE INSTRUMENT CASE, 8 1/2 x 2 1/4, two sections. \$1.50 2/\$2.50 29-78

MIXED HARDWARE: screws, nuts, washers removed f/equip. Usable; 3 lbs. \$1.00 30

RUBBER EQUIPMENT FEET 1-1/8" dia rubber with 1" L 1/2 x 20 bolt; w/o nut. 8/\$2.00 42-82

LEVEL METER, FS=150 UA, 3/8x7/8 face; o/a 1 1/2 x 1 1/2. \$1.00 3/\$2.00 39-78

SPEAKER, 3" dia. 8, 1 watt. Sanpo SP024, new, \$1.00 38-79

PERFECTION

COMPUTER PERFECTION, four games to test memory skills: Countdown and Black Hole for one player, Brainbattle and Lightrace for two players. Each game has three skill levels. Also has test mode and "repeat" mode which re-runs the winning sequence of a game for the next game. Has TMS1100CNLL chip, 10 LED's, sound element, and three slide switches. Uses 2/9 VDC transistor batteries (not included). 4 1/2 x 4 1/2, 1 lb. Board only as shown, w/instructions, \$4.50

TIME-TEMP SIGN PCB'S

SCR/TRIAC CONTROLLER BOARD with seven each 400 V 4 A SCR's and 200 V 6 A triacs. SCR's trigger the triac gates with a 50 m-sec 16 V pulse that holds all triggered triacs "on" until 24 VDC to SCR's is reset. Originally p/o time-temp sign. 8x6 1/2, 1 lb. #ASI-CMC27, w/schematic \$5.50

TRIAC CONTROLLER BOARD w/eight RCA 200 V 6 A triacs (TO-66), isolation/trigger transformer, shift register, and gates which control each triac. P/o time-temp sign. With schematic and 22-pin edge connector. 4 1/2 x 8 1/2, 2 lbs. #ASI-COMP107 \$5.95

LOGIC CARD p/o time-temp sign controller containing IC's: 2/555, 74LS00, 2/74LS08, 5/74LS14, 74LS20, 6/74LS32, 2/74LS42, 2/74LS93, 74LS123, 74LS237, 74LS367, 7404, 7417, and DS8830. With schematic. 9-3/8x5 1/2 x 1 1/2, 1 lbs sh. #ASI-503/00, \$3.95

3 FOOT DISH ANTENNA

AS-554/TRC 8' dia ANTENNA with aluminum mesh paraboloid surface. Designed for 1700-2400 Mhz with 30 db gain; 4.5 bandwidth. Vertical or horizontal polarization; 20 db major to minor lobe ratio. Distance from focal point to window of feedhorn: 36". Depth from surface perimeter to center: 16". Antenna is shipped in sections and includes mounting yoke and feedhorn. 600 lbs sh weight approx. Used, \$525.00



5DEP31 FLAT-FACE CATHODE RAY TUBE CRT 5 dia. Used in some Heath oscilloscopes; looks like substitute for 5U1 (needs wiring change). Typical voltages: -1400 V, 6.3 V fil., +150 VDC vertical plate, +180 VDC horiz-plate. W/diagram. 1 1/2 x 1 1/2, 5 lb 5DEP31, NEW \$22. 12-pin socket f/5DEP31 \$2.50

TELEPHONE TONE PAD

STROMBERG-CARLSON TONE KEY PAD, can be used for tone control, signaling, and experiments. Each key produces two tone output; characters 0 thru 9, *, #. Requires 9-15 VDC; with hook-up info. 3-3/8x3 1/2 x 1 1/2, 2 lbs sh. #SC-35A3AP, \$8.95; 2 for \$16.



BC & ARC COMMAND SETS

Even though they have been on the surplus market since the end of World War II, the Command Set Receivers and Transmitters are still popular with hams and experimenters.

The series consists of either SCR-274N (BC-prefix) or AN/ARC-5 receivers (R-prefix) and transmitters (T-prefix).

As a group, the receivers cover 190 KHz to 9.1 Mhz and the transmitters 2.1 to 9.1 Mhz. Over the years many conversions have been written for the sets. However, the last comprehensive collection of such information, **CQ Surplus Conversion Handbook**, went out-of-print in 1979.

If you are interested but not familiar with the Command Sets, your best source for info about them may be another ham. Schematics for any of the receivers and transmitters are available from us @ \$1.50 each plus a SASX.

Command receivers are superheterodyne types which may be tuned by the use of a special spin knob or from a remote position with a control box and spline shaft. Each have six tubes: 3/12SK7, 12SR7, 12A6, and 12K6. They are designed to operate from a DM-32, a 24 VDC dynamotor with an output of 250 VDC 60 MA and 24 volts. Shipped less dynamotor. Size: 5x5x11, 15 lbs sh.

BC-453/R-23 RECEIVER, 190-550 KHz, used \$21.

Command transmitters with proper use can put out 50 watts CW and 30 watts phone. Modulation is obtained from either of two separate units, BC-456 for single tube modulation or MD-7 for push-pull. The 575-600 VDC 175-200 MA and 24 volt power requirements were originally satisfied by the 24 VDC DM-33 dynamotor which mounted on either modulator. The transmitters use a 1629 "eye" tube for tuning and crystal calibration plus tubes 2/1625 and 1626. Size: 5x7x12, 17 lbs. sh.

BC-457/T-20, 4 - 5.3 Mhz, reconditioned \$19.95
BC-458/T-21, 5.3 - 7 Mhz, " \$19.95

BC-456 MODULATOR for use with Command Transmitters; single tube modulation with tubes 1625, 12J5, OD3. Has provision for mounting DM-33 dynamotor. 7x8x10, 11 lbs. sh. Used \$12.95
PUSH-ON TUNING KNOB f/Command Receivers, \$2.
DM-32 DYNAMOTOR, 24 VDC f/receivers, \$4.95
DM-32/12 DYNAMOTOR, 12 VDC f/receivers, \$6.

AC POWER SUPPLY f/Command Receivers w/speaker; our construction. Kit, \$32. Wired, \$40.
MC-215 FLEXIBLE SPLINE, 6', \$1.50
COMMAND SET RECEIVER & XMITTER RACKS:
FT-233/MT-7A, for one receiver, \$2.50
FT-234/MT-69, for one transmitter, \$2.75
FT-226/MT-71, for two transmitters, \$3.25
FT-227/MT-70 SHOCKMOUNT for FT-226, \$2.50
C-1254A/C-2345 CONTROL BOX for tuning ARC-receivers over 108-135 Mhz; dial changeable. W/volume control; use with MC-215. Used \$9.

R-10/ARC BROADCAST BAND RECEIVER, like R-19 listed below but 520-1500 KHz AM, \$22.95

R-19/ARC AIRCRAFT RECEIVER, 118 to 148 Mhz continuously tuneable. No dial; designed for remote tuning with spline shaft. IF-15 Mhz. With tubes 9002, 3/9003, 14A7, 2/14R7, 14F7, and 12A6. Uses accessories similar to ARC-5 Series. Requires 250 VDC 60 ma and 24 VDC. 6x5x11 1/2, 13 lbs. sh. Used, \$18.95

R-11A RECEIVER, 190-550 KHz. Similar to R-19 but has 85 KHz IF and tubes 2/14A7, 14S7, 14R7, 14F7, and 12A6. Used, \$12.95

R-22 BROADCAST BAND RECEIVER, 550-1500 KHz. Similar to R-11. Used, \$24.95

ARC-39 RECEIVER-XMITTER



RT-427/ARC-39 RECEIVER-TRANSMITTER, REPLACES COMMAND SETS; COVERS 2.0 TO 9.1 Mhz IN TWO BANDS; SIX CRYSTAL-CONTROLLED FREQUENCIES PER BAND. RF OUTPUT: 10 WATTS MIN. INTO 10 OHM LOAD (100 PF). 100% AMPLITUDE MODULATION; AUDIO OUT.

PUT: 200 MW WITH 1000 VV 30% MODULATED INPUT; 800 MW MAX. BANDWIDTH: 8 KHz @ 6 DB DOWN. METER INDICATES RELATIVE RF OUTPUT TO THE ANTENNA. WITH TUBES 0B2, 2/12AT7, 4/5749, 5750, 3/5686, 4/5814, & 3/6159. POWER REQUIRED: 28 VDC 4.4 AMPS WHEN RECEIVING; 8.5 AMPS TRANSMITTING. SIZE: 7x10x2 1/2; SHRG. WT: 42 LBS. PRICE: USED, COMPLETE, \$49.50
MANUAL FOR RT-427/ARC-39, REPRODUCTION, \$10.

225-400 Mhz CONVERTER



AM-914/TRC AMPLIFIER-CONVERTER, originally used with military R-417 receiver plug-in for the 225-400 Mhz range. Continuous tuning of RF and oscillator; 30 Mhz I.F. Unit has conversion possibilities as

discussed in R. Grove's article in 10/80 issue of CQ magazine. With tubes 5670 and 4/6J4. 7x8x9 1/2, 17 lbs sh. Used, \$34.95

AM-1179/GRC, 50 to 100 Mhz, \$39.50
AM-913/GRC, 100 to 225 Mhz, \$39.95
AM-1177/GRC, 400 to 600 Mhz, \$44.50
AM-3203A/GRC, 1.35 to 1.875 Ghz, \$49.50



AM-915/GRC AMPLIFIER-MULTIPLIER, used in T-302 transmitter for 225-400 Mhz FM range. 120 watts output from two 4X150's. 12x6x14, 45 lbs. Used \$55.

AM-1180/GRC, 50 to 100 Mhz using one 4X150A tube in power amp, \$49.50
AM-912/GRC, 100 to 225 Mhz FM using one 4X150A tube in power amp, \$75.00
Oscillators for AM-3204A, \$20.00 each:
O-902A (1.3-1.525 Ghz); O-903A (1.525-1.7 Ghz); O-904A (1.7-1.875 Ghz).

SCR-522 RECEIVER-TRANSMITTER
AM CRYSTAL CONTROL, 30 WATT, 4 CHANNEL ON ANY FREQ. IN THE 100-156 MC RANGE. TUBES TRANS. 2/832, 6SS7, 3/12A6, 6G6 REC. 1/9002, 9003, 12C6, 12H6, 3/12SG7, 12A6 & 2/12AH7.
UNITS CAN BE RE-MOVED FROM CABINET CASE SEPARATELY. REQUIRES POWER SUPPLY. SIZE: 16x12x10 1/2; WT: 50 LBS. RE-COND \$34.95
CONNECTOR PLUGS, \$1.50 EA. OTHER ITEMS AVAILABLE.



R-77/ARC-3 VHF RECEIVER A.M. 100-156 MC, CRYSTAL CONTROL ON 8 PRE-SET CHAN. WITH TUBES 6/6AK5, 3/12SG7, 2/12SN7, 1 EA. 9001, 9002, 12A6, 12H6, 12SL7 & 12SH7. VOLTAGE REQ. 24 VDC & 210 VDC @ 210 MA.

Size: 11x7x15; WT: 21 LBS. USED \$24.50
R-5009/ARC-502 SIMILAR TO ARC-3 EXCEPT MADE FOR CANADA. (WE WILL SHIP WHAT IS AVAILABLE)
T-67/ARC-3 TRANSMITTER A.M. 100-156 MC, 8 CHAN. PRESET, CRYSTAL CONTROL. WITH TUBES 2/832, 2/6L6 3/6V6, 1/6J5 & 1/12SH7. VOLTAGE REQ. 24 VDC & 410 VDC @ 325 MA.
Size: 15x10x12 1/2; WT: 22 LBS. USED \$24.95
CONNECTOR PLUGS \$1.50 OTHER ITEMS AVAILABLE.

R-445/ARN-30 RECEIVER, 108-135 Mhz, similar to R-19/ARC in other respects, used \$19.95
CV-431/ARC TRANSVERTER, converts 228-258 Mhz to 118-148 Mhz; transmits 228-258 Mhz on 8 xtal channels. Used w/R-19. Re-noved, \$16.
R-89/ARN-5A GLIDE-PATH RECEIVER, channels 332.6, 333.8, & 335.0 Mhz; 10 tubes, \$10.95
R-122/ARN-12 MARKER BEACON, 75 Mhz fixed, \$12

ANTENNA RELAY

ANTENNA RELAY UNIT for Command Sets; switches antenna from transmitter to receiver. With 2 1/2"rd 0-10 antenna current meter and 5KV 50 pf vacuum capacitor. 4x3x5, 6 lbs sh. Unused. #RE-2/ARC, black finish, \$14.95
#BC-442A, aluminum, \$15.95



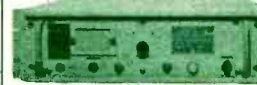
R-101/ARN-6 RADIO COMPASS RECEIVER, 100-1750 KC IN FOUR BANDS, WITH TUBES 6/12SK7, 4/12SX7, 2/26A7, 2/2050, 1/12SX7 & 1/12SX7. POWER REQUIRED 24-28 VDC.
Size: 11x7x15 1/2; 40 LBS
PRICE: USED \$39.50

AS-313/ARN-6 LOOP ANTENNA USED \$15.00
ID-91/ARN-6 INDICATOR 3" NEW \$12.95
PD-5/ARA-19 TUNING DRIVE USED 9.95
AM-203B/ARA-19 AMPLIFIER NEW 8.95
C-149/ARN-6 CONTROL PANEL, USED, \$9.95
MC-124 FLEX. TUNING SHAFT 20 IN. USED 1.50
MC-203 "T" ADAPTER USED 1.50
MC-136 RIGHT ANGLE ADAPTER USED 2.00



CU-308B/U ANTENNA COUPLER; USES CATHODE FOLLOWER TO COUPLE SINGLE ANTENNA WITH THREE RECEIVERS IN THE 2 TO 24 Mhz RANGE. INCLUDES THREE 24 VDC 500 OHM SPST RELAYS, 4/5906 TUBES, AND FOUR BNC CHASSIS CONNECTORS. POWER REQUIRED: 24 VDC 180 MA. 5x5x3 1/2; WT: 4 LBS. UNUSED, \$9.95

R-518 RECEIVER



R-518/FRR-27 RECEIVER, SINGLE-CHANNEL CRYSTAL-CONTROLLED RECEPTION OF AM OR TONE SIGNALS IN THE 100 TO 156 Mhz. RANGE. DOUBLE CONVERSION DESIGN WITH IF'S OF 23 Mhz AND 3 Mhz. AUDIO OUTPUT: 1.5 WATTS INTO 200-600 OHMS, 15 MW PHONE. ANTENNA INPUT: 50 OHMS UNBALANCED. WITH SQUELCH AND TUBES 3/12AT7, 2/6AU6, 5654 2/6AV6, & 6005. POWER REQUIRED: 115 VAC 60-60 HZ. SIZE: 19x6x18 1/2; 45 LBS. USED, \$45.00

COLLINS 250 KHZ I.F.

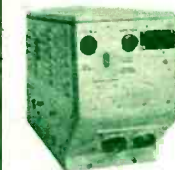
250 KHz IF ASSEMBLY from Collins 618S-1 transceiver. Has 250 KHz mechanical filter with 6.7 KHz width and tubes 3/5749 and 2/5726. 4 1/2x6x3 1/2, 3 lbs sh wt. #IF250-67/618S1, used, \$12.95
250 KHz IF ASSEMBLY from RT-311/ARC-38 transceiver. Similar to above but with two mechanical filters—one 2 KHz width, the other 8.5 KHz. #IF250/ARC38 \$24.95



250 KHz CRYSTAL OSCILLATOR from Collins 618S1. Has 250 KHz BFO oscillator coil, crystal oven with CR-46 250 KHz crystal, and 2/5749 tubes. 4 1/2x6x1 1/2, 2 lbs sh. #OSC-250/618S1, \$6.95

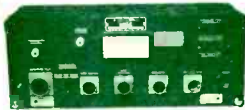
VHF ARC-5 EQUIPMENT

R-28/ARC-5 100 to 156 Mhz RECEIVER, crystal-controlled on four preset channels. Crystals inserted behind front access door which also conceals frequency dial and squelch adjust. Channel selection done by separate control box C-30/ARC-5. With tubes 4/717, 3/12SH7 2/12SL7, and 12A6. Requires 24 VDC for relay and selector motor, 250 VDC 60 MA HV. DM-32 may be used for HV. 14x7 1/2x4 1/2, 16 lbs. \$18.95
SCHEMATIC for R-28 or T-23/ARC-5, \$1.50 ea.



T-23/ARC-5 TRANSMITTER, companion to the R-28, has 10 watt output, though can be modified for higher rating. Uses two 832 and two 1625 tubes. Audio power for modulating originally supplied by MD-7 modulator (not available). Frequency channel selection made by separate C-30 control unit. Requires 24 VDC for relays and selector; 600 VDC 175 MA for HV. Size: 15x 8x5 1/2; 18 lbs. sh. Gov't. reconditioned \$25.
C-30/ARC-5 CONTROL BOX for above, \$3.00

ALTIMETER TRANSCEIVER



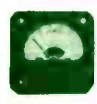
RT-7/APN-1 ALTIMETER TRANSCEIVER, 418 to 462 MHz FM; ABSOLUTE READINGS TO 4000 FEET. CAN BE CONVERTED FOR OTHER USES. UNIT CONTAINS WOBBLATOR, DY-NAMOTOR, AND TUBES 2/955, 2/9004, 3/12S37, 4/12SH7, 2/12H6, AND 0D3. POWER REQUIRED: 27 VDC & 3 AMPS. SIZE: 8 1/2 x 18 1/2 x 8; SH WT: 25 LBS UNUSED, \$18.95; MANUAL, NO SCHEMATIC, \$3.00 SHOCKMOUNT ASSEMBLY FOR APN-1, \$2.00

ID-14A/APN-1 RADIO ALTITUDE INDICATOR USED WITH RT-7. 2 1/2" DIA. METER HAS SWITCHABLE SCALES 0-400 FT. AND 400-4000 FT. ON-OFF SWITCH. FS-6 MADC. UNUSED, \$3.95



SA-1/ARN-1 ALTITUDE LIMITER SWITCH USED WITH RT-7 AND ID-14A IN CON-JUNCTION WITH AN AUTOPILOT SYSTEM. ALTITUDE LIMIT SET FROM 50 FT. TO 300 FT. IN 25' STEPS; X 10 MULTI-PLIER FOR HIGHER ALTITUDES. DE-SIGNED TO SIGNAL WHEN MIN. AND MAX. LIMITS ARE EXCEEDED. 3" DIA. UNUSED, \$2.95

SWR INDICATOR CIRCUIT



STANDING-WAVE RA-TIO INDICATOR CIRCUIT, assemble a SWR meter using this 1 1/2" square 0-10 scale (FS=2 MA) meter with

filters and rectifiers and a modified Scher-ning bridge. One pair of bridge arms is re-sistive, the other capacitive. In theory the bridge circuit is balanced when the antenna is tuned to 52 ohms resistive resulting in a zero reading on the meter. SO-239 connector. Bridge: 2 1/2 x 2 1/2 x 1; 2 lbs. #M701/CU-991, \$8.95

PHASE AND LOAD DISCRIMINATOR, could be useful in tuning an antennas system, if used in circuit with a sensitive zero-center microammeter. Phasing and loading discriminator produces ±DC voltages proportion-al to the reactance of a sys-tem. Phasing output shows the type of reactance (capacitive or inductive) and the load-ing's indicates the amplitude of impedance referenced to 52 ohms resistive. In both cases zero DC output is ideal (may not be ob-tained in practical circuit). A third output is proportional to relative antenna current. 2 1/2 x 3; 2 lbs. sh #T201/CU-991 w/diag., \$4.95



DAV WALKIE-TALKIE



DAV-2 PORTABLE TRANSCEIVER with direc-tion-finder circuit; operates on single channel between 2.3 and 4.5 Mhz @ 200 MW. Has controls for receive, transmit, and sense. Also water-tight O.D. plywood case, JK-26 phone jack, connection for T-45 mic, FT-243 crystal (no fre-quency choice), book, and tubes 3/334, 2/1T4, 1R5, and 1S5. Requires 67.5 VDC 3 ma, 135 VDC 19 ma, 6 VDC 30 ma, and 1.5 VDC 225 ma. Size: 10 1/2 x 3 1/2 x 10, 8 lbs sh wt. Used, \$10.95

We will try to ship matched frequency pairs when two or more DAV's are ordered.

ACCESSORIES which can be used with DAV-2:
T-45 LIP MIC or T-30 THROAT MIC, unused, \$3.
CCI-49559 HEADSET ASSEMBLY consisting of cloth helmet with headphones, unused, \$4.95
H-62 HEADSET, used, \$4.95
CW-51071 LIP MIC, used w/H-62; unused, \$3.00
CCI-56081 ANTENNA, seven section 15"-85" collapsible-telescoping, \$1.50 w/DAV purch.

MAB PORTABLE TRANSCEIVER CHASSIS, originally designed to operate between 2.3 and 4.5 Mhz on a single channel; 200 MW output. In waterproof black plastic case; mic and headset cut-off and not available. W/tubes 3/334, 2/1T4, 1R5 and 1S5. Requires 67.5 VDC 3 ma, 135 VDC 19 ma, 1.5 VDC 225 ma, 6 VDC 30 ma. Size: 8 1/2 x 2 1/2 x 7 1/2; 8 lbs. sh. Unused, w/book, \$6.95

RADIO TELEPHONE LINK



AN/TRC-47 RADIO TELEPHONE LINK, connects radio voice communications to two-line telephone systems. Consists of transmitter, receiver, and signal converter sec-tions. Operates on a single crystal-controlled chan-nel in the 132-150 Mhz band. Carrier output: 7 watts.

Converter changes 20 Hz ringing signal into a radio transmittable 800 Hz signal and vice versa. Used in pairs, the sets can establish links up to three miles apart. With built-in speaker, tuning meter, and tubes 3/0A2, 3/0E2, 2E26, 5R4, 4/6AK5, 2/6AK6, 6AQ5, 8AS6, 6AX5, 2/6BA6, 2/6J6, 2/6L6, 3/6X4, 4/12AT7, 2/12AU7, 2/12AX7, and 5763. Power required: 115/230 VAC 50-400 Hz. 21 x 14 1/2 x 22 1/2; 100 lbs. sh. Used, reparable, \$55.

RADIOSONDE

AN/AMT-4A RADIOSONDE: CONSISTING OF THE T-304A TRANSMITTER & MD-147C MOD-ULATOR. TRANS. IS A.M., 1680 MHZ AND THE MODULATOR CONTAINS THE THE-PRESS-URE SENSITIVE ELEMENT OR ANEROID, TEMPERATURE ELE. HUMIDITY ELEMENT AND A COMPUTATOR, SERVES AS A SWITCH-ING ARRANGEMENT FOR THE DIFFER-ENT SERVICES WHICH IS TRANSMITTED BY THE RADIOSONDE THAT IS TAKEN UP BY A METEOROLOGICAL BALLON. ALSO USED FOR TRACKING WIND DIRECTION. WITH TUBES 5794 AND 5875. BATT. VOLTAGE REQ. 1.5, 6 & 115 VDC. WT: LESS BATT. 1 1/2 LBS. (613 GRAMS.)



PRICES: MODULATOR ONLY LESS HUMIDITY AND SENSITIVE ELEMENTS \$3 TRANSMITTER ONLY \$4.95



RT-380/AR RECEIVER-TRANS-MITTER 2 TO 18.5 MC C.W. PHONE, 100 WATT TRANS. AM CRYSTAL CONTROL ON 10 PRE-SELECTED FREQ. RECEIVER 50 MW MIN. INTO 600 OHM LOAD. WITH TUBES 1/813, 2/811, 1/1625, 1/6AG7, 1/6V6, 1/12BE6, 2/12AU7, 2/12AL5, 2/28D7 & 4/6BA6. POWER REQUIRED 400 VDC @ 750 MA. 750 VDC @ 350 MA. AND 27 VDC FOR RELAY AC FOR FILAMENTS. (SAME VOLTAGES AS ART-13) (SIMILAR TO COLLINS 1854)

SIZE: 15 1/2 x 7 1/2 x 23 1/2; WT: 70 LBS. LESS CRYSTALS PRICE: USED LESS DYNAMOTOR \$49.50

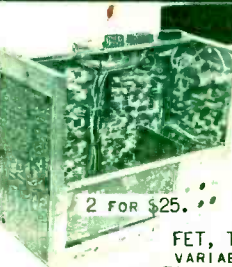
R-1/ARR-1 HOMING RECEIVER

ADAPTER, converts 234-258 Mhz input signal to 540-830 Khz output. Input and output im-pedances: 50 ohms. W/ tuning dial, ant. trim, and 4/554 tubes. Unit has conversion possibilities. Req 12/24 VDC 280/140 ma, 220 VDC 10 ma. 3 1/2 x 4 1/2 x 2 1/2, 6 lbs. Damaged RF capacitor, used "as-is", \$7.50



KB9-A 16 MM MOVIE CAMERA USED TO RECORD STRIKES BY THE MILITARY. HAS 35 MM, F3.5 KODAK EKTAR LENS; VAR-iable APERTURE FROM F3.5 TO F16. FILM SPEED: 32 FRAMES PER SECOND. FILM CAPACITY: 35 FT 16 MM FILM. CAN BE ACUTATED BY REMOTE CONTROL. POWER REQUIRED: 27 VDC FOR DRIVE MOTOR AND HEATER. RED AND YELLOW FILTERS INCLD. SIZE: 7 1/2 x 2 1/2 x 2 1/2 SHPG. WT: 5 LBS. PRICE: NEW \$34.95

CARTRIVISION COMPONENTS



FISH TANK

FISHTANK OF ELECTRONIC COMPONENTS, P/O VIDEO TAPE SYSTEM. CONSISTS OF DEMODULATOR, SERVO-AMP, DROPOUT COMPENSA-TOR, PER/POST PROCESSOR DC POWER SUPPLY (115 V 60 Hz; OUTPUT -12/-12 IAMP REG, 5 VDC 1 AMP UNREG. MANY PARTS, IC! FET, TRANSISTORS, TRANSFORMER VARIABLE RESISTORS, CAPACITOR MORE! SIZE 14x12x6 1/2 WT 15 \$14.95

EQUIPMENT RACKS



STANDARD 19" RACK EQUIPMENT CABINETS
#FAA-19-76 RACK, o/a 21 1/2 x 76 x Hx21 1/2 D for panel 19x68x20; no doors. Steel 200 lbs sh. Used, \$65.00
#2MAC-19-70 DOUBLE CABINET, o/a 43 1/2 x 70 x Hx22 D for two 19x61x20 panels. W/wheels and extended base. Steel, 300 lbs sh. \$100.
#GE-19-84 RACK, o/a 21 1/2 x 84 x Hx22 D f/panel 19x80x20; 2-rack braces only. 225 lbs. \$60.

ENCLOSURES

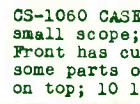
STEEL CABINET with lift top for 7"Hx14"Wx8"D panel. O/a 8x16 1/2 x 8 1/2, 7 lbs. #SK-CAB7148, used, \$5.95
PANEL with miscellaneous parts f/above, \$1.50
Stk # W x H x D Panel Door Lbs PRICE
1313/60 19x13x13 12 top 35 Used, \$10.
CY-1693 22x16 1/2 x 14 14 no 35 Unused \$18.



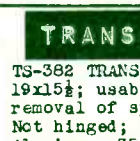
CS-191 CABINET-CASE, 13"Wx10"H x7"D; includes panel with cut-outs and markings for URM-191 solid-state signal generator. Also top handle and 2 1/2"D cov-er w/hasp fasteners. Unused, \$14.95



CS-26D CASE w/top handle; p/o VITVM. Louvered sides; o/a 7"Wx 10"Hx7 1/2"D. 4 lbs. Used, \$7.95



CS-618S1 CASE w/CHASSIS, 15 1/2"Wx8"Hx2 3/8"D (20"D be-hind panel). Some cut-outs on front; may be usable for antenna tuner or transmatch project. Aluminum; 20 lbs. Used \$12.



CS-1060 CASE w/CHASSIS, p/o small scope; o/a 8"Wx7 1/2"Hx13"D. Front has cut-out for 3"CRT; some parts on chassis. Handle on top; 10 lbs. Used, \$8.95

TRANSIT CASES

TS-382 TRANSIT CASE, o/a 15x 19x15 1/2; usable space without removal of spacers 10x18 1/2 x 12 1/2. Not hinged; hasp fasteners. Aluminum; 35 lbs. Used, \$14.00



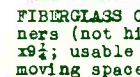
CS-15X12 TRANSIT CASE, o/a 19 1/2 Wx 19 1/2 Hx14 D; interior usable 18x15 x12 plus 3 1/2" deep compartment in cover. Aluminum with side handles and hasp fasteners; 40 lbs. \$15.00



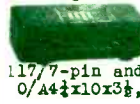
CS-15X18 CASE, o/a 23 1/2 Wx18 1/2 Hx17 1/2 D. Usable interior 19x15 1/2 x 14 plus 4"H cover. Aluminum with side handles and hasp fasteners. 46 lbs sh, used, \$16.00
CY-1344 TRANSIT CASE, o/a 20 1/2 Wx18 1/2 Hx12 D; usable interior 18 1/2 x 17 x 10. Aluminum with hasp fasteners and side handles. 30 lbs \$17.



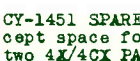
CY693/PDR-27 ALUMINUM CASE, four compartments: 3 1/2 x 4, 7 1/2 x 4, 1 1/2 x 4, and 1 3/8 x 4; may be re-moved for 13x10 1/2 size 9" deep. Hasp fasteners; may need re-painting. 12 lbs. Used, \$6.00



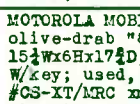
FIBERGLASS CASE with hasp fast-ners (not hinged). O/A 14 1/2 x 14 x 9 1/2; usable 12x12x6 without re-mov-ing spacers. 10 lbs. Used \$5.



CY-1298 SPARE TUBES CASE w/hasp fasteners. Removable insert has space for 117/7-pin and 2/9-pin mini and one "GT" tube. O/A 4 1/2 x 10 x 3 1/2, 4 lbs sh. Used, \$3.50



CY-1451 SPARES CASE, similar to CY-1298 ex-cept space for 7- and 9-pin mini tubes and two 4X/4CX PA tubes. Used, \$4.00



MOTOROLA MOBILE RADIO CASES, olive-drab "80-D" style; 15 1/2 Wx6 Hx17 1/2 D, 34 lbs sh wt. W/key; used, \$14. Specify: #CS-XT/MRC mitter case with 18-pin connector or #CS-RBC/MRC case with 28-pin connector.



CS-48 CASE, steel, 16 1/2 Wx7 1/2 H x7 1/2 D; 5 lbs. Used \$3. 2/\$5.00

antenna not included

U. H. F. RECEIVER



R-48/TRC-8 RECEIVER
F.M. 230 to 250 MC.
ONE BAND VARIABLE
TUNING, VOLTAGE RE-
QUIRED 115/230 60 CYC.
WITH SPEAKER, PHONE
JACK, SQUELCH CIRCUIT
2 1/2" METER FOR CIRCUIT
CHECKING. WITH TUBES 8/6AG7, 1/9002, 1/5J4, 1/
6V6, 1/VR-150, 1/6N7, 1/6SN7, 1/6AL7. SIZE: 20x
19x16; WT: 75 LBS. USED \$45.00

CV-89 FS CONVERTER



CV-89/URA-8 FREQUEN-
CY SHIFT CONVERTER,
audio frequency conver-
sion type with
2BFL CRT. Shifts
10-200 Hz @ 1 KHz center frequency; 200-1000
Hz @ 2550 c-f. Maximum keying speed: 60 wpm
for single channel. Teletype output 60 ma
DC loop @ 70 V. Two AF inputs, one for narrow
one for wide shift; each 600 ohms ct, 60 uW
to 60 mW input power. Requires 115 VAC 60 Hz.
5 1/2x17x21, 55 lbs sh wt. Used-reparable, \$85.
Flanges for rackmount use, \$5 additional.
Manual, partial repro, \$10. Power conn., \$3.

CV-116/URR FSK CONVERTER

CV-116/URR FSK CONVERTER
for use with receivers
having final IF's from
450 to 510 KHz such as
R-220, R-388, R-390A
and SP-600. Converts
frequency-shift signals
into DC pulse that key the energizing
circuits of teleprinters; translates at 100
dot Hz/sec. Unit can be used with two receivers.
Channel A IF center frequency 50 KHz;
channel B, 29.3 KHz. Input FS range 150-1000
Hz, 100 uV minimum; 50 ohm impedance. Separ-
ate control unit required between CV-116 and
teleprinter to match output-input signals.
Requires 115 VAC 60 Hz. 8 1/2x17x18; 80 lbs sh.
Used, reparable, \$100. Manual, partial, \$10.

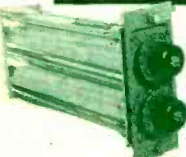


AMPLIFIED FIELD PHONE



TP-9 AMPLIFIED FIELD TELE-
PHONE, permits communica-
tion over greater distances
than standard battery
field phones such as EE-8,
TA-43, and TA-312. Uses
vacuum tube amplifiers for
receiving and transmitter
circuits. TP-9 can be used
between standard field
phones and effectively
double their range. Has
bell for audible signaling and indicator
light for noiseless signal. Set consists of
aluminum chassis containing GN-38B generator
ringer, amplifiers, and TS-9 handset. Pro-
vision for head and chest set use. Requires
4.5 VDC 50 ma, 1.5 VDC 200 ma, and 67.5 VDC
5.5 ma. 11 1/2x11 1/2x7 1/2, 25 lbs sh. Used, \$42.50

BANDPASS CAVITIES



FULL-LENGTH TWIN-CAVITY
BANDPASS FILTERS, 9-1 1/8"
length; gold-plated. Similar
to filters described in
W4FXE's article in 2/80 Ham
Radio Magazine. 8 lbs sh
wt. \$24.95 each

F-240 (67-76 Mhz) F-239/U (58.5-67 Mhz)
F-241 (76-84 Mhz) F-242/U (84-92.5 Mhz)
F-243/U (92.5-100 Mhz)
SHORT-LENGTH twin-cavities, \$19.95 each.
F-195/U (163-184 Mhz) F-201/U (284-314 Mhz)
F-196/U (184-205 ") F-202/U (314-344 ")
F-199/U (224-254 ") F-203/U (344-374 ")
F-200/U (254-284 ") F-204/U (374-404 ")

ALUMINUM CASE with RACK for
six of the above filters.
Case has hasp fasteners and
side handles. 18 1/2x20 1/2x
12 1/2, 35 lbs. \$25.00
CY-1344 CASE only, \$17.50
FILTER RACK only, \$12.50



Filters not
included.

VHF RECEIVER

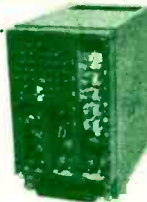


BC-639 RECEIVER, 100 to
156 Mhz AM continuously
tunable over a single
band. Controls for CW,
tone, AVC-Manual, RF
and Audio Gain, Attenu-
ation, and Sensitivity.
With tuning meter,
phone jacks, and tubes 3/9003, 9002, 4/6SG7,
6SQ7, and 6K6. Power required: 210 VDC 60 MA
and 6.3 VAC 3.5 amps. Size: 10 1/2x19x10, 48
lbs sh. Used, reparable, \$30. Checked, \$60.

115 VAC 60 Hz POWER SUPPLY for BC-639; with
speaker. Our construction, \$30.00
CONNECTOR only for receiver, \$3.00
MANUAL f/BC-639, partial reproduction, \$8.50

BC-603 RECEIVER

BC-603 FM RECEIVER, designed
for 20-27.9 Mhz using ten push-
button preset channels. How-
ever, units have been intern-
ally converted to 34 to 50 Mhz
range. Built-in speaker; re-
quires 220 VDC 80 ma, 12/24
VDC. P/o SCR-508-528. 11 1/2x6 1/2x
12 1/2; 40 lbs sh wt. Used, less
dynamotor, \$54.50; with DM-34
12 VDC dynamotor, \$59.50.



BC-683 RECEIVER, same as BC-603 except 27 to
38.9 Mhz (not converted); p/o SCR-608-628.
Used, less dynamotor, \$55; w/DM-34, \$60.00
BC-604 TRANSMITTER, companion to BC-603; 70
lbs sh. Unused, less dynamotor, \$25.00
DM-35 12 VDC DYNAMOTOR for BC-604, unused \$20
FT-237 MOUNT for SCR-508-528 or -608-628; 60
lbs sh wt. Unused, \$28. CO-278 cable 8', \$4.
MANUALS for SCR-508-528 or 608-628, \$7.50 ea.

4.4 - 5.0 GHZ TRANSCEIVER



RT-252/TRC-27 MICRO-
WAVE TRANSCEIVER,
4400-5000 Mhz pulse-
position modulated,
continuously tunable.
Converts video chan-
nel pulses into RF
for transmission and
receives RF and con-
verts it back into
video pulse. Receiver IF: 60 Mhz; 10 Mhz
bandwidth. Noise figure: 13 db. Has AGC and
AFC. Transmitter uses video amplification
and plate modulation of planar triode type
RF oscillator. With tubes 2K22 klystron,
6280 planar triode, 13/5654, 5670, 5726,
5727, 5814, 2/12AT7, 2/6X4, 6AU6, 3/0A2,
5933, and 3/6AQ5. Power required: 115 VAC
400 Hz. Size: 14 1/2x25 1/2x11 1/2, 75 lbs. sh.
Used, not checked, \$150. Schematic, \$5.00



I-152(*) INDICATOR; USED
WITH BC-788 ALTIMETER
FOR INDICATING HEIGHT
OVER TERRAIN IN AIRCRAFT
WITH 3DP1 CATHODE RAY
TUBE (SAME SOCKET/SHIELD
AS 3BP1 TUBE AND OTHER
TYPES) ALSO TUBES 3/
6AG5 AND 2X2. HAS R.F.
CIRCUIT, POTENTIOMETERS,
115 V. 400 CYCLE POWER
SUPPLY ETC. (WILL MAKE GOOD FOUNDATION FOR
A MONITOR) SIZE: 6 1/2x6 1/2x12; WT: 9 LBS.
PRICE: USED \$8.95 SCHEMATIC \$1.00

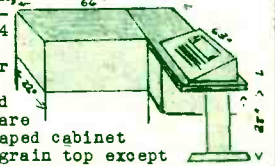
ARR-58 FM RECEIVER

R-863/ARR-58 RECEIVER, FM
162.25 to 173.5 Mhz. DE-
SIGNER TO RECEIVE SONOBOUY
SIGNALS ON 16 PRESET CHAN-
NELS. IF=30 Mhz. INPUT IM-
PEDANCE: 52 OHMS. MORE RE-
CENT VERSION OF THE R-316/
ARR-26 RECEIVER. CONVER-
SION INFO FOR R-316 TO
145-175 Mhz PLUS AUDIO, SQUELCH, AND 115 VAC
60 Hz POWER MODIFICATION INFO INCLUDED. WITH
TUBES 7/6AK5, 2/6AG5, 2/6AL5, 6J6, AND 5814.
POWER REQUIRED: 150 VDC 125 MA AND 6.3 VAC.
SIZE: 5x8x17, WT: 20 LBS. USED, \$19.95

AM/GRC-10 RADIO SET, includes R-125 receiver,
T-235 xmitter, DY-94 AC power supply, C-632
control, & mount; 54-70.9 Mhz FM. Used, \$200.

COMMUNICATIONS CENTER

COMMUNICATIONS CENTER,
includes ASR-33 tele-
typewriter, Tally 464
paper tape reader,
Honeywell optical bar
code reader, logic
chassis assembly, and
power supplies. All are
contained in an L-shaped cabinet
with simulated wood-grain top except
for the teletypewriter which sits on the
desk top. System has automatic send-receive
and features a teletypewriter which has a
paper punch and
operates at 100
words/minute, 600
operations/second.
Utilizes ASCII
code with parity
bit and prints on
8 1/2" friction-fed
paper. Teletype-
writer is made by
Teletype Corp.



and is the same as their Model ASR-33 except
that the standard ASR-33 control module is
eliminated and its functions incorporated in-
to the system's logic chassis. Consoles are
removed from service, appear complete, but
are not operationally checked; with manuals.
550 lbs sh. \$450.00 or \$365.00 you pick-up.
ASR-33 TELETYPEWRITER only, as described in
the above system, 85 lbs sh., \$275.00 \$295.
(Loop and control kit allowing stand-alone
operation of this ASR-33 available from a
other source. Write for more information.)



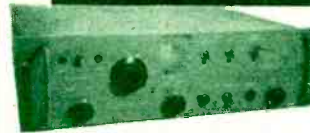
KSR-33 TELETYPEWRITER
AND KEYBOARD, CAN BE
ADAPTED FOR VARIOUS RTTY
AND COMPUTER APPLICA-
TIONS. SPEED: 100 WORDS
PER MINUTE; 600 OPERA-
TIONS PER SECOND. HAS
THE FOLLOWING FUNCTIONS:
CARRIAGE RETURN, LINE FEED, SPACE, AND SHIFT.
UTILIZES ASC-II CODE WITH PARITY BIT. TAKES
8 1/2" SPROCKET-FED PAPER. THIS IS A STANDARD
ITEM; PARTS ARE AVAILABLE FROM A NUMBER OF
SOURCES. POWER REQUIRED: 115 VAC 60 HZ.
SIZE: 8 1/2x18 1/2x18 1/2; SHPG. WGT. 50 LBS.
USED, OPERATIONALLY BUT MAY REQUIRE SOME AD-
JUSTMENT. LESS COVER, \$260. ~~\$285.00~~ \$145.

BANDPASS FILTER



F-237/GRC BANDPASS FILTER, designed to oper-
ate from 54 to 70.9 Mhz using dial tuning.
Bandwidth: 250 KHz @ 3 db points or 4.5 Mhz
@ 40 db points. 50 ohm output and input im-
pedance. Unit consists of a 3-gang variable
capacitor coupled to 3 sets of three sealed
cavities. Type C connections. F-237 has con-
version possibilities for 6- and 2-meter
amateur applications. An article about these
by W. Tucker, W4FXE, appeared in 12/80 issue
of Ham Radio. 5x11 1/2x11, 17 lbs. \$19.95

TMC - SSB CONVERTER



CV-591 SSB CON-
VERTER, same as
TMC MSR-4. Used
with 2-33 Mhz
receivers with
465 KHz IF's
such as the
R-390A and the SP-600JX. Operates upper and
lower SSB, AM, CW, FSK, and FAX. Input volt-
age: 0.1 to 10 V-rms. Input impedance: 240K
ohms. Bandspeed -3 KHz. Slow/Fast AVC speeds
Output remains constant within 9 db with 40
db change in input. Output Imped: 8 or 600
ohms. Requires 115/230 VAC 50-60 Hz. 5 1/2x19
x13 1/2; 28 lbs sh. Used, reparable, \$145.00
MANUAL for CV-591, partial repro. \$8.50

0.5 - 32 MHZ RECEIVER



R-390A/URR RECEIVER, covers 0.5 to 32 Mhz in 32 one Mhz bands read directly from a counter-type indicator. Mechanical filters. Triple conversion: 1st IF variable 17.5-25 Mhz; 2nd, 3-2 Mhz; 3rd, fixed 455 KHz. Receives CW, MCW, and voice; also single sideband and FSK through use of BFO. Built-in crystal calibrator every 100 KHz. Output impedance: 600 ohms. Antenna input imped: 125 ohms balanced. Rackmount, no covers. 115/230 VAC 60 Hz. Size: 10x19x16 $\frac{1}{2}$; 95 lbs. sh.

R-390A USED, REPARABLE, CHECKED, \$450.00 \$295
MANUAL. \$12.00

TRANSMITTER MODULATOR



MD-203/GR MODULATOR, converts a transmitter's CW signals into frequency shift signals for teletypewriter transmission when coupled to the transmitter's exciter. Designed for use with T-195/GRC transmitter, the unit is usable with any transmitter with a fundamental frequency in the 1.5 to 3 Mhz range. Frequency shift: 850 Hz (1.5-3.0 Mhz), 425 Hz (3-6 Mhz), 212 Hz (6-12 Mhz), and 106 Hz (12-20 Mhz) according to ten position freq. band selector switch. 1 volt min. input necessary. With tubes 26A7, 26D6, and 5/26A6. Power required: 27 VDC 1.8 amps. 9x7x13 $\frac{1}{2}$, 25 lbs. sh. Used, \$17.50; Power plug, \$3. w/set purchase. MANUAL for MD-203, partial reproduction \$8.50

CODE PRACTICE SET



AN/GSC-1 CODE PRACTICE SET designed for student practice of Morse code, accommodating up to 10 keys. Hand keying produces either an audio tone with adjustable volume and pitch or a blinker flash. Has effective range of 40 ft. if background noise is less than 60 db. Can be operated from 6, 12, 24, or 115 VDC or 115/230 VAC. With built-in speaker, blinker, volume and pitch controls and tubes 6X5 and 2/6AK6. Keys not included. 13x18x11; 58 lbs sh. Used, \$14.95; Gov't. record., \$24.95

SOLID-STATE AUDIO FREQUENCY AMPLIFIER, DESIGNED FOR USE IN AIRCRAFT ON-BOARD COMMUNICATIONS FOR TALKING OR LISTENING. HAS PEAK CLIPPING AND AGC CIRCUIT. RESPONSE: 200-6000 HZ; 150 MW OUTPUT. USES 27 VDC. SIZE: 4-3/8x11x3; SH WT: 2 LBS. AM-476/AIC-10, OPEN FRAME AS PICTURED, USED, \$4.95; AM-476, SEALED/POTTED, \$2.95

R-391/URR RECEIVER, 0.5 to 32 Mhz AM and CW. Similar to R-390A except has autotune capabilities for 8 preset channels and does not have mechanical filters. 24 VDC required for autotune use; rackmt. Used, reparable, \$250.

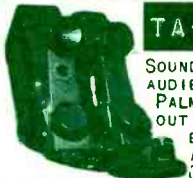
WIRE RECORDER

IC/VRW-7 WIRE RECORDER, unit records only--no playback. Has single input channel; 600 ohm impedance. 290 RPM recording speed; 300 to 3500 Hz frequency response. Has volume control, mic and headphone jacks on front. With two 26D7 tubes and reel of wire for 60 minutes of recording. Requires 24 VDC for operation. 12x7x6 $\frac{1}{2}$, 17 lbs sh wt. Used, \$17.95

MX-303A/VRW WIRE RECORDER MAGAZINE with 60 minutes of recording wire, magnetizing head, other parts; 5 lbs. See page 9, used, \$9.95



TA-1/PT TELEPHONE



SOUNDPOWERED TELEPHONE SET WITH AUDIBLE AND VISUAL CALL SYSTEM. PALM OPERATED GENERATOR PUTS OUT APPROX. 100 V. THAT SOUNDS BUZZER IN OTHER PHONE AND ACTUATES VISUAL INDICATOR. COILED CORD WITH PUSH TYPE BINDING POSTS FOR INTERCONNECTING WIRES TO BE FASTENED TO. COMES WITH FIBER CARRING CASE. SIZE: 6x3x3 $\frac{1}{2}$; WT: ACT 2LB USED \$25.00 EACH

OSCILLATOR



TRANSISTORIZED CRYSTAL OSCILLATOR and BUFFER, 56 to 99 Mhz with 75 C temperature controlled oven. Requires 5th overtone HC-6 (20 pf) xtal (not incld). Has external oscillator input and tuning meter and oven output. Requires 12-18 VDC reg. for osc., 22-39 VDC 1 amp for heater. W/BNC and two submini 27 (UG-1465) connectors, power input DEC 9P connector, and schematic. 6x2x3 $\frac{1}{2}$, #OSC99828, \$10.

LS-184 SPEAKER



LS-184/AIC-10 LOUDSPEAKER with AM-492 amplifier. 5" blast-proof speaker is rated 5 watts; 5.5 V input for 1 W output 300-6000 Hz. Input impedance approx 900 ohms. Amplifier uses four 5178 tubes parallel push-pull. Transformer coupled input and output. Requires 27 VDC 150 ma and 170 VAC 30 ma. DPDT switch requires wiring. 7x8x4x4-1/8, 5 lbs sh. Used, w/schematic, \$22.95

FL-30 AUDIO FILTER



1020 HZ AUDIO FILTERS, can be used to reduce interference in CW and audio signals for receivers. Each filter provides a sharp null at approx 1020 Hz in voice mode while frequencies near 1020 Hz are passed in "range mode. Response can be broadened by placing a variable resistor from input to output. Terminal strip connections. 3-1/8x3x1 $\frac{1}{2}$, 3 lbs sh. Used, \$4.95

F-90 AUDIO FILTER, similar to FL-30 except has sharper filter action. Designed for aircraft panel mount; has one 28 V panel light and schematic. 5x2x2x3 $\frac{1}{2}$, 3 lbs sh. Used, \$3.95 MATING CONNECTOR for F-90, \$2.50



RD-60/UO CODE RECORDER OF RADIO TELEGRAPH CODE SIGNALS. USES 3/8" WIDE, 800 FOOT ROLLS OF PAPER TAPE. RECORDS CODE SPEEDS UP TO 1000 WORDS PER MINUTE WITH A RECORDING TIME OF 26 MINUTES (LOW) DR 13 MINUTES (HIGH). INPUT SIGNAL FREQ. 500 TO 5000 HZ. INPUT IMPEDANCE 500 AND 5000 OHMS. OUTPUT IMPED. 6 OHMS. WITH 9 TUBES. POWER REQ. 115 V. 60 HZ. SIZE 19x16x12 $\frac{1}{2}$; WT: 150 LBS. PRICES: USED LESS CABINET REPARABLE \$19.95 " WITH " 24.95 " " 30.00 GOV' RE-CONDITIONED W/CABINET MANUAL for RD-60 recorder, \$5.00

AUDIO AMPLIFIER

AM-864 AUDIO FREQUENCY AMPLIFIER, peak-limiting unit for AM and FM broadcast. Also may be used in recording and sound systems requiring automatic regulation of program level. Input and output impedance 600 ohms-ct; gain 36 db max. Distortion less than 2% @ 400, 1K, and 5K Hz. Noise level 40 db @ 6 MW. Response flat within 1 db from 100 to 5000 Hz. With tubes 2/6SK7, 6SQ7, 6SN7, 5Y3. Requires 115/230 VAC 50-60 Hz. 7x19x8 $\frac{1}{2}$, 32 lbs sh. Used-not checked, \$24.95



ALTEC TRANSISTOR AMP



ALTEC LANSING 456B TRANSISTOR AMPLIFIER for voice communications or as part of telephone repeater system; response 200-6000 Hz. -22 db max power input; +17 db max power output. Input variable -2 db to 39 db. Simplex 100 ma max; unbalanced 5 ma. Input/output impedance 600 ohm; 24/48 VDC. 1x1x2 $\frac{1}{2}$, 2 lbs. \$4 4/\$12.

LANGUAGE LAB RECORDER



LANGUAGE LAB TAPE RECORDER, solid-state design; made by General Electronics Lab. Has three heads: one playback only master head on one track and the other two, playback and record, on a second student track. Uses standard 1" audio tape on upto 7" reels at speeds 3 $\frac{1}{2}$ and 7 $\frac{1}{2}$ ips. In practice, one can monitor the master "instructor's" track while recording responses on the student track. The student track can be played back simultaneously or separately from the master track depending upon control selection. The master track, which plays in one direction only, can be recorded upon or erased by switching plug-in wires from the student track heads. Besides its original usage, the recorder could be useful for code practice of for sound-on-sound audio experimentation. Audio response approx. 300-8000 Hz. Controls for student and master volume, playback-practice select, pause, and the other standard recording functions. Also three motors for very rapid fast forward/rewind, audio level meter, footage counter, 4" built-in speaker, and four plug-in circuit cards for audio, master audio, student audio, and bias oscillator. Uses common 2N2836 and 2N3702 transistors. Tape and reels not included; microphone and schematic not available. Requires 115 VAC 60 Hz. 18x16x8 $\frac{1}{2}$; 32 lbs net, 40 lbs sh wt. Used, reparable, \$27.95; Checked, \$49.50

MOTOROLA TRANSCEIVER

MOTOROLA FM MOBILE TRANSCEIVER, transmits in 144-174 Mhz range, receives between 450-470 Mhz. #TD6050AB transmitter section has output of 25 watts min. (144-167 Mhz), 20 W min. (167-174 Mhz) using single crystal-controlled channel. Crystal multiplication 24 times; 50 ohm output impedance. Has nine tubes including 6146 in power amp. #XRE1000-AH receiver has dual squelch "Private Line" or separate tone-controlled and carrier squelch circuits. Two crystal-controlled channels; 455 KHz final I.F. Audio output 2 watts into 32 ohms. With 14 tubes. #XFN-6003B transistorized power supply requires 12 VDC input to supply voltages for transmitter and receiver. Crystals, control head, and other accessories not available. With schematics. 6x10x19 $\frac{1}{2}$, 28 lbs. Reparable, \$35.



FIELD PHONE-CONTROL SET



C-2172/GRC-14 FIELD REMOTE CONTROL SET; DESIGNED FOR USE WITH AN/GRC-14 RADIO GROUP IN AM, PHONE, AND CW KEYING OPERATIONS OVER A TWO-WIRE 600 OHM TELEPHONE LINE. INCLUDES 20 HZ RINGER SYSTEM CONSISTING OF A HAND-CRANK MAGNETO GENERATOR AND BELL. WHEN USED WITH A H-33/PT HANDSET, THE CONTROL UNIT IS FUNCTIONALLY A FIELD TELEPHONE. TERMINALS PROVIDED FOR PHONES, MIC, AND KEY. SWITCHES FOR SERVICE (CW, AM, AND TEL); FSK CONTROL; AND SIGNAL (BELL OR CALL LIGHT). SOLD WITH H-33/PT HANDSET. POWER REQUIRED: TWO "D" CELL AND ONE 45 VDC BATTERY (NOT AVAILABLE). SIZE: 3x9-3/8x7-1/8; SHPG. WT: 13 LBS. PRICE: UNUSED, WITH USED H-33/PT, \$24.95


Headsets — Telephone Equipment — Microphones — Handsets



HS-33 HEADSET, 600 OHM. W/USED ANBH-1 ELEMENTS AND UN-USED GREY PLASTIC HEADBAND. 4 1/2" CORD WITH PLUG. LESS CUSHIONS, \$15.00

HS-33 w/HB-7 BROWN HEADBAND (NOT U.S. MFG.) 18" CORD AND PL-354 PLG. \$14.50

HS-23 HEADSET 2000 OHM; SAME HS-33 EX-




#2A/CAN1638 DYNAMIC HEADPHONES, 50 OHMS IMPED; MOVING COIL-TYPE, QUALITY REPRODUCTION. ADJUSTABLE CANVAS STRAP FITS ON TOP THE HEAD; STEEL-BAND BEHIND. WITH CHAMOIS CUSHIONS, 1/2" CORD, AND PHONE PLUG. \$5.95

SOUND-POWERED INTRUSION MICROPHONE

225 ohms with 6" stake for pushing into ground for artillery use. T-56 USI element 1614-11 unused \$3.75

Western Electric Sound-Powered 1024 ohms D-173016 trans. D-173012 receiver new \$3.00 ea.

Carbon Elements F-1 Mic. \$1.50 Lip Mics: M-51 M-6 M419 etc. \$1.50 Telephone elements: U-1 or T-1, \$2.00



H-113/U HEADSET 600 OHM SOFT PLASTIC EAR CUSHIONS 18" CORD W/ PL-54 PLUG THAT FITS JK-26 JACK (SEE CD-307 EXTENSION CORD ELSEWHERE ON THIS PAGE) WT: 3LBS. USED-EX \$5.95

H-62 HEADSET SAME AS H-113/U ONLY IN BLACK AND HAS PROVISIONS FOR SNAPPING ON LIP MICROPHONE CW-51071 LISTED BELOW. USED-EX. \$4.95

CW-51071 LIP MICROPHONE 100 OHMS IMPEDANCE W/ 2 SNAPS FOR FASTENING TO H-62 HEADSET, 14" CORD W/ PL-291 PLUG INTO EXTENSION CORD CD-318 LISTED ON THIS PAGE OR CW-49561 EXTENSION CORD LISTED BELOW USED \$1.00




H-63/U HEADSET 600 OHM BOOM MIC 100 OHM 14" CORD WITH PLUGS. \$7.95 USED MIC. OR PHONE ELEMENTS ONLY, \$1 EA.

CARBON MICROPHONES 50 OHM F-I TYPE PRESS TO TALK No. C-3 (LEFT) 4' CORD PL-55 PLUG UNUSED \$4.95 M-2/10A/1422 (RIGHT) 4 1/2 FT. CORD PL-68 \$3.95 CO-78 HEADSET "Y" CORD 7' LG. RUBBER COVER NO PLUGS, TERM. \$1.50 PL-204 PLUG: SINGLE HOLDER PL-68 & PL-55 SIDE BY SIDE. \$2.00 DOUBLE PLUS D178452 F/HEADSET SIMILAR 289 298. #3850 NEW \$2.50 SWITCHBOARD CORD 4 1/2' W/PL-47 #BD-96 \$1.50



HS-30 HEADSET 250 OHM IMPEDANCE hearing aid type light weight headband 7 1/2" cord w/spade lugs that wire into CD-604 or CD-605 cord for 4000 ohm used \$4.75 new \$8

2000 OHM HEADSET, light-weight 6 1/2 oz. adjustable headband, 54" cord rubber cushions & phone plug. ELI-#978 new \$3.95



H-33/PT HANDSET PHONE 300 OHM, MIC 40 OHM W/CORD UG-77 PLUG & PUSH TO TALK SWITCH. USED \$6.95

HS-16 HEADSET OR EQUIVALENT (SIMILAR TO PIC.) 2000 OHMS WITH 6' "Y" CORD & METAL TIPS. USED, EXC. \$5.75


TS-9 HANDSET WITH PUSH TO TALK SWITCH (NOT BUTTERFLY) WITH 3 COND. CORD 4' AND TERMINAL LUGS. NEW COND. \$4.95

TS-13 HANDSET, push-to-talk and cord w/PL-68 & PL-55; p/o BC-659. \$12.


W/GREY HB-7, \$9.25 W/BROWN HB-7, \$9.00

4" CHAMOIS CUSHIONS, \$2.25 PR. RUBBER CUSHIONS MC-162, 2 1/2", \$1.00 MX-41, 2 1/2", \$1.25

HB-7 HEADBAND ONLY GREY \$3.25 BRO. \$3



T-17 MIC, CARBON 35 TO 90 OHM PUSH-TO-TALK: PL-68 ON 5' CORD. USED \$6.95 RE-COND. \$9.



RS-38 MIC, 100 OHM CARBON. 15" COIL CORD W/ PL-68, USED, \$6. UNUSED NOT U.S. MFG.: \$8.

JK-38 PHONE JACK FOR INLINE USE, TAKES TWO PL-55 PHONE PLUGS \$1

PUSH BUTTON SWITCHES FOR HANDSETS THAT USE BUTTERFLY TYPES. DIRECT REPLACEMENT. #5930-327-7308 \$1.25

WESTCLOX 202 KEY WITH ADJUSTABLE CONTACTS; COVER, CORD, AND PL-55. #W-202/5854, \$3.95 EA. 3/\$10.

TWIN PADDLE KEY MADE FROM A-202 BY R.N. MASON W8NN 551 TURNER IMA, OH 45804

W/UG-77 AND SWITCH, \$10.95

CX-1422/U "Y" CORD FOR HANDSETS. 10 FT. 10 INCHES LG. WITH PL-55 ON ONE LEG; PL-68 THE OTHER. UNUSED, \$4.50

OPERATOR'S TYPE PHONE & ADJUSTABLE BOOM MICROPHONE HEADSET ASSY. RUBBER-COVERED ELEMENTS; PHONE 300 OHM, MIC 40 OHM. 4 FOOT CORD. H-81, H-144, OR SIMILAR.



T-45 LIP MIC



M-86/U MAGNETIC MICROPHONE; 50 OHM IMPED. PUSH SW. LEVEL CONTROL 7' CORD. UNUSED \$14.95



T-30 THROAT MIC.

BRASS KEY WITH 2 BEARINGS; ADJUST. CONTACTS, COVER, CORD, AND PLUG. #R11950, \$4.75

WESTCLOX 202 KEY WITH ADJUSTABLE CONTACTS; COVER, CORD, AND PL-55. #W-202/5854, \$3.95 EA. 3/\$10.

BRASS KEY WITH THREE BEARINGS; ADJUST. CONTACTS, COVER, CORD & PLUG. SIZE: 2x5x1 3/8-#9, \$7.50

W/UG-77 AND SWITCH, \$10.95

T-45 MICROPHONE CARBON TYPE 1000HM 50DB BELOW 1 MILLIVOLT, FLAT RESPONSE WITH PL-291 2 CONT MALE PLUG, 11" CORD Used, \$2.50



CD-307 CORD EXTENSION FOR CORDS WITH PL-54 PLUG AS USED ON HEADSETS, 65" LG WITH JK-26 JACK & PL-55 PLUG. Used, \$2.00

T-30 MICROPHONE CARBON TYPE, 75 OHM 50DB BELOW 1 MILLIVOLT, FLAT RESPONSE WITH PL-291 2 CONT MALE PLUG, 11" CORD PRICE: NEW \$3.00

PL-55 RECEPTACLE WITH PL-55 PLUG ON END 3 FT. CORD #R16-G34820, unused \$2.

AN/GSA-6 CHEST SET GROUP for use with H-63 Headset & Boom mic. SA-142 Switchbox & CA-1070B cord w/plug. \$5 each.


BLACK \$5.95 MODERN TELEPHONE HANDSET w/4-COND. 15"-84" COIL CORD NEW, PEARL GRAY, \$4.95

SOUND-POWERED HEAD & CHEST SET

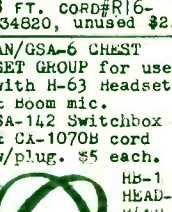


CD-318 EXTENSION CORD WITH PL-291 2 CONTACT FEMALE PLUG TO FIT T-45 & T-30 MICS. SW-141 SWITCH & PL-68 MIC PLUG ON 7 FT. CORD USED \$2.00

PL-68 Mic PLUG 30" Used, \$1.00



CD-604 CORD WITH IMPEDANCE MATCHING TRANSFORMER 500OHM TO 4000, USED WITH HS-30 HEADSET, 6" CORD & PL-54 PLUG. Unused \$1. Used 60¢



HB-1 HEADBAND \$1.50

5-LINE 1-HOLD DESK SET phone style w/plug; black. \$20.95

2-LINE DESK SET phone w/terminal lug connections; black. \$16.95

1-LINE DESK SET w/terminal lug connections; black, blue, or green as available. \$16.00

J-37 Key with brass adjustable contacts, mounted on bakelite base 3"x6"x 3/8" with cord. Used \$7.95

SOUND-POWERED HEAD & CHEST SET. MIC ON BREATHE PLATE 20' CORD. RUGGED UNIT. NO BATTERIES NEEDED. USED \$18.00

JK-33 JACK TO FIT PL-68 Mic. PLUG. Used, 3 for \$1.00

CD-605 CORD SAME AS CD-604 ONLY 30" LG. WITH PL-55 PLG Used, \$2.00

PL-55 PHONE PLUG 30" CORD \$1.00

for 1-3/4" elements

HS-1/2000 ohm elements & Y cord 6' used used \$4

MODERN TRIM-STYLE PHONE, desk type with dial, ringer, and 6' cord with modular jack; refurbished. Colors: black, red, green, harvest gold. \$32.95

WE-302 TELEPHONES; old angular style. Straight or coil cord (no choice); black. \$9.95

TELEPHONE HANDSET w/AMPLIFIED RECEIVER, volume control; 2 lbs. #JEN-20 \$15.

H-60 HEADSET f/TA-43-312 phones. used \$10

H-189 HANDSET f/PRO-25, VRC-12 Used \$12.

M-80 MICROPHONE with U-229 plug. used \$10

M-29 MICROPHONE with U-77 plug. used \$5

TELEPHONE SWITCH KEY in metal box; lever switch f/2-line, MC-88003 \$4.

COILED CORD SET

COILED CORD SETS

Three conductor, 24" to 72" 75¢ 12" to 36" 50¢

3-cond. in colors 18"-36"; green, red, lt. blue 50¢ Grey or pink, 3/\$1

Five conductor, 12" to 36" \$1.25

MC-385 HIGH to LOW ADAPTER IMPEDANCE FOR HEADSET 4000-6000HM Unused. \$1.50

STANDARD TELEPHONE HANDSET AND CORD, BLACK, USED USED, \$4. NEWER STYLE New, \$5.95

STANDARD TELEPHONE DIAL USED \$2.00

STARLIGHT TELEPHONES with dial but no ringer; cord has terminal lug connections. Various colors; specify lat, 2nd, 3rd choices. 5 lbs; used, \$15.

STARLIGHT WALL PHONE, as above but for wall mount. Used, \$16.00

WALL TELEPHONES with dial and ringer; cord has terminal lug connections. Styles and manufacturers vary; no color choice. Used \$17.

CHAMOIS HEADSET CUSHIONS 4" DIA. \$2.25 PR style handsets. Used \$3.

METAL HANDSET HOLDER f/older style handsets. Used \$3.

METAL HANDSET HOLDER f/older style handsets. Used \$3.

GENERAL TIMERS
 TM-506 to right, 0-14 second indicator 110 volt. 60 Hz. motor repeat cycle used 6.95
 TM-229 same as above, no face plate, knob or dial. For 10 seconds oper. max. U \$5.

TIMER BONANZA
CARTRIDGE TIMER CONTROL, 115 VAC 60 Hz motor w/SPDT contacts; upto 8 hr delay. Also 18 V 200 ma transformer, 12 VDC SPDT relay, SPDT & 4PDT center-off slide switches, transistors, rectifiers. \$1.95
STOVE TIMER CLOCK MECHANISM w/start-stop control dials. Grey face 5x4; style may vary. 115 VAC 60 Hz w/switch rated 230 VAC 30 amps. Knobs not original, but usable. 2 lbs; #Q155760, \$3.50

CANVAS BAGS, STRAPS AND COVERS, MAY BE USED OR UNUSED. ALL ARE CLEAN WITHOUT TEARS. SHOULDER STRAPS ARE ADJUSTABLE-AND MADE OF COTTON WEBBING.
CW-TRB ROLL BAG for tools, etc.; folds to 17"x8" w. Used, \$5.00
BG-175 BAG similar to above, 9"lgx 9 1/2"hx7 1/2"d. used, no tears \$3
BG-1942 BAG, AS ABOVE WITH STRAP CLOSE COVER AND 8"HX 8"Wx2 1/2"D, \$2.50
BG-189 WALLET BAG, 10"Hx5"Wx 3"D w/2 1/2" belt loops & cover w/snaps \$2.50 ea. 2 for \$4
CS-76 BAG, LIKE CW-189 BUT DUZ COVER CLOSURE. 7"Hx10"Wx8"D, \$2.75
ST-19 CARRYING STRAP, 65" LG. X 2"W; w/2" SWIVEL-EYE SNAP HOOK AND TONGUELESS-BAR BUCKLE NEAR ONE END TO ADJUST LENGTH. \$3.00
ST-42 CARRYING STRAP, AS ABOVE, NO SWIVEL, \$2.50
ST-54 CARRYING HARNESS AS USED WITH BC-1000 TRANSCIEVER; 38" EXTENDED LENGTH, 14" WIDTH. ADJUSTABLE STRAPS AND SNAP HOOK, \$3.
ST-120 HARNESS FOR PRC-8-9 -10 RADIO SETS. SIMILAR TO ABOVE, SAME USE, \$5.00
CW-216 CARRYING BAG F/PRC ANTENNA AND H-33 HANDSET; COMPARTMENTS FOR EACH. O/A 19" LONG WITH TOP 5" WIDE TAPERING TO 3" WIDE AT BOTTOM, 3 1/2" DEEP. W/SNAP COVERS AND HANGER FOR AMMO BELT, \$6.00
CW-206 ROLL BAG FOR MS-116 SERIES MAST SECTIONS. COMPARTMENTS FOR GRC-SERIES SET ACCESSORIES. SNAP AND WEB STRAP CLOSURE. O/A 40" LONG, 3"Hx5"D. \$5.00

MOTOR DRIVEN RELAY SPST norm. open 115 v. 60 Hz. 10 amps. cont. motor 115v 60 Hz. non. sync. 3.8 w. 4/5 rpm. Cams can be set to set to make cont 30 to 60 seconds. Also has provision to bring out a shaft. size 2 1/2x4x2, 1 lb. #N17H-68292 unused \$6.00

TIME-O-MATIC SIGN CONTROL, 115 VAC 60 HZ. THREE CONTACTS RATED 15 AMP EACH. TWO ALTERNATELY MAKE AND BREAK ONCE PER SECOND FOR 15 SEC; OTHER BREAKS FOR 20 SEC. AT THE SAME TIME. THEN ALL THREE MAKE AND THE CYCLE REPEATS. SIZE: 3x5x6; SHPG. WT: 5 LBS. #53 K-155, \$4.95

KEY SELECTOR CONSISTS OF MANUAL CLOCK MECHANISM FOR SENDING 17 IMPULSES, CAN BE SET TO CALL ANYONE AT 78 STATIONS, SPST LEVER SWITCH 2x2 1/2x4 1/2: 4C5100.60A \$1.50

SYNCHRON CLOCK MECHANISM, No.610 110 v. 60 CYCLE 3 WATT 1 RPM #EC-129RB, WITH GEAR ASSY, NO RESET OR COVER. 2x2x2 1/2; 4oz. \$1.35

SYNCHRONOUS MOTOR, 26 volt 60 cycle, 60 rpm, shaft 1x 1/16, motor 1x2 1/2 #1147 \$2

HANSEN SYNCHRON MOTOR 110 VOLT 60 CYCLE 10 R.P.H. MODIFIED WITH SLEEVE OR SHAFT TO 24 R.P.H. #A12-RC-12-62 \$1.50

CRAMER TIMER SWITCH ASSY. MODEL TC-60SEC, 230 v 60 cyc, SWITCH 5 AMP. CONT. 3.8 w. 4/5 RPM MOTOR. \$1.95

THERMAL SWITCH opens 30 sec. after cooling. Operate 130 vac. 2m ohm res. 1x1 1/2, 20" leads. M-4199 \$1.50

SA-235/APA-57 CONTROL UNIT: Has a small Gyro connected to a contact arm that moves across resistance contact which will give four voltage readings in right or left positions. Also has 2PDT 24v. relay switches, etc. 10x5x5; 4lbs. \$6.95

CONTROL FLIGHT RATE GYRO. 115 volt 400 Hz. Gyro size 2 1/2x2 1/2, case size 3x3x3; wt: 3lbs. #67005 A-7 \$5

AS-207/CRT-3 ASSY w/300' #16 strand braided cadmium alloy copper wire on RL-48 reel and crank; mounted to aluminum door w/adjustable brake and snap swivel. Part of CRT-3 xmitter antenna which attached to kite or balloon. 2x4 1/2 dia, 3 lbs. Used \$9.95 No door-damaged reels, 6.95 Wire only, \$4.95

RELAY CONTROL UNIT WITH 4/24 VDC REED AND 3/24 V. P&B 4PDT RELAYS. ALSO 1500 MFD 100 VDC AND 3000 MFD 25 VDC CAPACITORS; 6' 11-CONDUCTOR CABLE; AND SOLA TRANSFORMER WITH 24 V. AND 75 VDC OUTPUTS. NICE CASE: 6x5x10 (TOP), 3x5x10 (BASE); 15 LB. #RCU1, \$9.95

RECORDING TAPE MAGNETIC TAPE FOR MOST AUDIO RECORDERS, 10 1/2" REEL; 1/2" WIDTH APPROX. 3600 FT LEADING MANUFACTURERS. WT; 2 LB AST3045 \$1.50 4 FOR \$5

WIRE RECORDER MAGAZINE for one hour w/wire on spool magnetizing head, timers switches etc. For use with wire recorder IC/VRW-7 on page #MA-303 5lbs \$9.95

HEATING ELEMENTS
ROUND HEATING ELEMENT, 6" OUTER DIA., 3 1/2" INNER DIA. 1/2" THICK. 118 VAC 500 WATT. NUT TERMINALS. #HSW-6, \$3.
CHROMOLOX, CARTRIDGE-TYPE C-414; 115 VAC 180 WATT. 2 1/2x3 1/2; 9" LEADS, \$1.50

LOOP COIL TYPE 9" LONG; 115 VAC 30 w. #83975, \$2.00
DOUBLE "U" LOOP COIL, 3" HIGH. 115 VAC 1000 WATT. CHROMALOX #2111-2, \$2.50

LONG DURATION TIMER WITH 115v RELAY. 115v 60 Hz 1/16 RPM MOTOR. CAM ACTUATES SPDT MICRO SWITCH. 3 1/2x2 1/2. UNUSED \$2.95

ILLUMINATED CLOCK MECHANISM AS USED ON CLOCK RADIOS. CLEAR PLASTIC FRONT TO TRANSMIT LIGHT, NO HANDS. HAS 60 MIN TIMER ALSO HAS ON-OFF-AUTO ALARM 2"sq FACE. 115v 60 Hz. SH WT 2 LB. UNUSED \$1.50

GEARS
GEARS
 Gear box w/two pr beveled 45 gears and 20 other gears 1 1/2" to 1 1/8" dia on bronze bearings 4x7x4 1/2, 5 lbs #TUN/ARC45 \$5

AIRCRAFT COCKPIT EXTENSION LAMP #B-7; uses standard 2-con tact auto bulb w/5 1/2" spring retractable cord, dimmer, & ON-OFF sw. Used, \$5.95 Plastic; 2 lbs

TIMER SPRING WOUND TYPE closed when unit is wound, opens at the end of time. 30 minute 115 volt 20 amp. Lux#2500 \$3.95 60 minute 120/240 vac 15 amp. Rhodes 65b \$4.50

MN-40 INDICATOR 0-360 DEGREE SCALE SIMILAR TO ABOVE EXCEPT THAT IT IS OPERATED MECHANICALLY BY USE OF A SPLINED FLEXIBLE SHAFT OR SPIN KNOB OR BOTH. MN-40 INDICATOR 5" \$2.50 MC-124 SHAFT 20" \$1.50 MC-137 SPIN KNOB \$1.00

AUTOSYNS THAT CAN BE USED TO MAKE WIND DIRECTION AND SPEED SYSTEMS. #K101300 selsyn, \$4.00 used \$4.00 AY-201 or equivalent \$5.95 new \$5.95
 See page-17 for more info.

SPERTI VACUUM SWITCH SIMILAR ONE IN ART-13 XMITTER KEYING RELAY. GLASS, SPDT. #3340-5345, \$3.00

PUSH SWITCH ASSY, 9 SWITCH SP PUSH OFF, 8/PDST CANCELING TYPE WITH ONLY ONE IN USE AT A TIME; W/BUTTONS, 5x2x2 1/2. #229903A, \$3.95

INTERLOCK SWITCH, HEAVY-DUTY 2" COPPER STRIP CONTACTS OPEN WHEN DOOR IS OPENED. PLUNGER 1-1/8". 2 1/2x1 1/2x2 1/2. ONE-LITE #231 \$2

BC-610 XMITTER INTERLOCK SWITCH, 2x2x1 1/2. GE#7760014-2, \$2.00

VARIOMETER from ART-13 200-600 KHz and 2-18 KHz transmitter. 2 1/2" dia rotor; 3" dia stator. O/a 4 1/2x5 1/2, 3 lbs. #1112/ART13, \$6.95

10-66/APA-24 AIR SPEED INDICATOR; CONTAINS A KOLLSMAN TRUE AIR SPEED METER AND AN INDICATING WITH A RANGE OF 84 TO 434 KNOTS. HAS OSTER MOTOR AV-240, RELAY, 1/6AK5 TUBE, COMPENSATING DEVICE PLUS MANY OTHER COMPONENTS. 15x7 1/2x5; 20 LBS. USED \$15.

RT-58/ARC-12 CHANNEL SELECTOR AND MOTOR ASSY. 10 POSITION AUTOTUNE MOTOR DRIVEN 26.5 VDC WITH 2 SHAFTS 60 RPM ALSO RELAYS. 4 1/2x6x3 1/2. 5 LB. #596C-1 \$2.95

M30 INSTRUMENT LIGHT, plugs into M41 & M6AL periscopes. Rheostat control, 22" cord, and uses 2-"D" batteries. 6 1/2x1 1/2, 2 lbs. Unused, \$4.

30 RPM MOTOR
 30 RPM GEARHEAD MOTOR, 24 VDC; Size: 2 1/2x1 3/8. Shaft: 3/8" x 1/8" dia. Hayden #K43121-PB. NEW, \$6.95

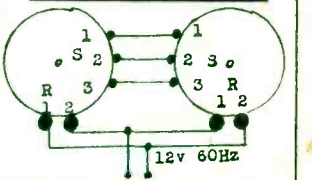
ID-65/ARN 5" dia RADIO COMPASS INDICATOR, 0-360 degree scale. 1" increments W/AY-54 autosyn; use in project. 4 lbs. Used \$20.

MN-42C RADIO COMPASS INDICATOR 5" with dual azimuth dials two AY-1 auto syn. Used in aircraft that had two separate antenna loop systems. Used, \$23.

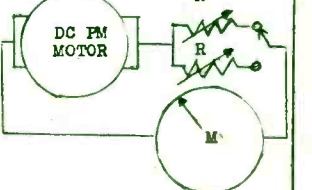
I-91(*) RADIO COMPASS INDICATOR 3" 360 deg. sc. used w/ARN-6 sys. 3 1/2"x3". (can be used with wind direction system) used \$9.95 NEW \$14.95

3" DIA 0-360 INDICATORS, usable for antenna position project. I-81, 5 marks, used \$8.95 ID-657/ARN, 2 marks and VAR knob, unused, \$10.95

I-101 CROSS POINT INDICATOR, 3" dia for glide path. Good movements/Bad glass.

WIND SPEED


WIND DIRECTION INDICATOR using the #K101300 selsyn listed on page 17. Design your own wind vane and indicator so that you can check wind direction from inside your house. #K101300 selsyn, used \$4.

DC PM MOTOR


WIND SPEED INDICATOR using a 24 VDC PM motor (p.17) as a generator, a 200 micro-ammeter, and a resistor range scaler so that wind speed may be monitored indoors. We'll supply the PM motor and a 3 1/2" rd. 0-200 scale (FS-200 ua) meter; you design the rest. #WS-MOTOR & METER, \$7.95

AY-1 AUTOSYN MOTOR AS USED IN I-81, I-82 ETC. DIRECT REPLACEMENT. \$5.95
 I-81 & I-82 ARMATURES ONLY #3H2716/A1, UNUSED, \$3.95 I-82 GLASS ONLY, \$2.00

MODULAR POWER SUPPLIES



LAMBDA MODULAR POWER SUPPLIES, RUGGED SOLID-STATE. REGULATED 0.03%. REMOVED FROM EQUIPMENT BUT IN EXCELLENT CONDITION. RATINGS ARE BASED ON A 60 HZ VAC INPUT; OUTPUT V-5% AND AMPS @ 40° CENTIGRADE.

LMCC-20	105-132	20 V	5.0 amps	40.00
LMCC-20V	205-265	20 V	5.0 amps	45.00
LMD-20	105-132	20 V	7.4 amps	50.00
LMD-20V	205-265	20 V	7.4 amps	55.00

Package size types (B) 3 $\frac{1}{2}$ x5 $\frac{1}{2}$ x $\frac{1}{2}$, (CC) 5x5x $\frac{1}{2}$, and (D) 5x7 $\frac{1}{2}$ x $\frac{1}{2}$. Approx sh wt: 18 lbs.

NORTH ELECTRIC MODULAR POWER SUPPLIES, 105-132 VAC 50-60 Hz input; ratings 40 C.

#N14005A	5 VDC	13 amps	\$50.00
N64005A	5 VDC	28 amps	75.00
N11006A	6 VDC	3.5 amps	22.00
N15010A	10 VDC	16.5 amps	75.00
N14003KA	3.7 VDC	14 amps	28.00

RACKMOUNT MODULAR POWER SUPPLIES, Lambda (L) or North Electric (N) mfg. Ratings @ 40 C.

#LMF-A-5	5 VDC	31.5 amps	\$80.00
LMF-A-20	20 VDC	16 amps	85.00
LM-G5-OVMYK	5 VDC	75 A metered	145.00
NL8024A	24 VDC	33 amps	\$145.00
#N17005A	5 VDC	49 amps	85.00
N18005A	5 VDC	82 amps	110.00
N18005A-M	as above	with meters	125.00
N19005A	5 VDC	120 amps	130.00

CON-AVIONICS/NJE HS SERIES, 19-21 VDC 15.5 amps from 220 VAC 50-60 Hz input, \$75.00

CON-AVIONICS HS SERIES DUAL POWER SUPPLY, 17-19 VDC 16 A and 110 VDC 225 ma. Used \$60.

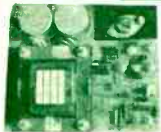
DRESSER-BARNES with remote sensing:
#26859 210-250 VAC in, 20 VDC 3 A out \$25.
26858 210-250 VAC in, 20 VDC 9 A out \$45.

NORTH ELECTRIC #PEC275A, 115/230 VAC 60 Hz input, output 6 VDC 500 ma, -6 VDC 500 ma, -12 VDC 1.6 amp, -28 VDC 4 amps, \$24.00



J-95/CRD-2 POWER CONTROL BOX for controlling and monitoring 115 or 230 VAC power circuits up to 500 watts. Consists of autotransformer w/10 step voltage control from 96 to 137 VAC and 240 VAC. Also features 3 $\frac{1}{2}$ " round 11-reed 55-65 Hz line frequency meter; 3 $\frac{1}{2}$ " round 0 to 150 VAC meter, 5 and 10 amp circuit breakers, and overload relays. 14 $\frac{1}{2}$ x14x13, 72 lbs sh. Used \$48.

TRANSISTORIZED



TRANSISTORIZED-REGULATED P.S. INPUT: 105-125 VAC 50/60 HZ. MOUNTED ON CIRCUIT BOARD, 4 $\frac{1}{2}$ x5; WT: 3 LBS. UNUSED,

#CD12N.85 12 VDC .85 A. \$18.

THUNDER POWER SUPPLY, trans. reg. 3.7 VDC 750 mA f/115 VAC 60 Hz in. w/info to modify to 3-10 V 500 ma approx. 3 $\frac{1}{2}$ x5x3, 5 lbs. NEW, \$12.



TRANSFORMER & DIODE ASSEMBLY with Signal 24-4 transformer which has two 12 V 4 amp secondaries. Also two 200 V 40 A diodes, two 300 V 25 A SCR's, and a P&B 120 V 50-60 Hz DPDT relay w/10 A contacts. W/schematic. 10 $\frac{1}{2}$ x3 $\frac{1}{2}$ x3 $\frac{1}{2}$, 8 lbs. #ASI-M912VPS, \$12.95

DC TO AC CONVERTER

FU-143C/U ROTARY CONVERTER, rotating armature unit changes 24 VDC 27 amp input to 115 VAC 60 Hz single ϕ 500 VA output. Metal control box on top of 3600 RPM inverter contains 0-130 VAC variable transformer, 0-150 VAC 2 $\frac{1}{2}$ " round meter, AC receptacle, and DC input terminals. Size: 14 $\frac{1}{2}$ x8 $\frac{1}{2}$ x14, 77 lbs sh wt. Used, \$99.50



MOBILE SUPPLY

AVA-126 VIBRATOR POWER SUPPLY, operates from 6, 12, or 24 VDC depending on vibrator used. Output: 300 V. 100 MADC. Includes 6 VDC vibrator. 7 $\frac{1}{2}$ x7 $\frac{1}{2}$; 12 lbs. Unused, \$5.



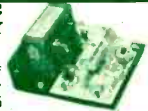
PP-68 VIBRATOR POWER SUPPLY, provides 100 to 110 VAC 60 Hz 15 or 50 watt output from 6 VDC 6/13 amps (15W/50W) or 12 VDC 3/6.5 amps (15W/50W). With 68" battery cable. 9 $\frac{1}{2}$ x11 $\frac{1}{2}$ x8 $\frac{1}{2}$, 34 lbs. Checked, \$22.95

MRC-66 DC to DC SUPPLY has two separate DC to DC transistor inverters operated by 24 VDC input; Output "R" -70 V bias, +100 VDC 20 ma, and +200 100 ma. Output "T" +200 VDC 150 ma 70 VDC (isolated +, -) 75 ma, and 6 VAC 5 amps. Inverters in separate boxes which can be removed and used independently. Also has 24 VDC control relays, Reg-Ohm regulator for 6 VAC, locking cabinet with cover & key, plug, and schematic. 9 $\frac{1}{2}$ x6x16, 21 lbs. \$39.50



24 VDC 5.4 AMP POWER SUPPLY, input 105-125 VAC 50-60 Hz. 10x5x5; 17 lbs sh. Used.

5 VDC 3 AMP or 6 VDC 2.5 AMP POWER SUPPLY from 115 VAC 47-420 Hz input. 4 $\frac{1}{2}$ x2 $\frac{1}{2}$ x4, 4 lbs sh. Sola #61-05-230-01, used, \$14.95



12/24 VDC 22/11 A



CPP-2 POWER SUPPLY, output 12 VDC 22 amps or 24 VDC 11 amps. With mains and load control and output mode indicator lights. Input: 90-130 VAC 60 Hz. Size: 11x18 $\frac{1}{2}$ x10 $\frac{1}{2}$, 90 lb sh wt. Used, \$65.00

DYNAMOTORS

TYPE	USED	RENEW	TYPE	USED	RENEW
DM-25	2.95	4.95	D-401		6.95
DM-28	6.95		D-402		6.95
DM-32	2.95	4.95	D-401 (SPEC)		8.95
DM-32 (12 v)		4.95	DY-9		9.95
DM-33 (WRITE AV)			DY-10		12.95
DM-34		4.95	DY-17		12.95
DM-35		20.00	DY-21		8.95
DM-36	2.95	6.95	DY-22		9.95
DM-37		13.00			
DM-40	5.95		DA-6A		8.95
DM-41	5.95		DA-1F		11.00
DM-42		15.00	DA-14		8.95
DM-43		15.00			
DM-53	4.95		BD-77		19.95
DM-53 (12V)	5.95		BD-83		8.95
DM-64	7.95				

ADVISE US OF YOUR REQUIREMENTS OR WRITE FOR SPECS.

PE-86 5.95
PE-98 8.95 (COMP)
PE-98 4.95 (DYN)
PE-94 9.95

CARTER MA-2503; INPUT 6 VDC 6.3 A. OUTPUT 250 VDC 30 MA. SIZE 3 $\frac{1}{2}$ x5x3; WT. 6 LBS. USED \$4.95

41S14 F/COLLINS 618; INPUT 27.5VDC 22 AMPS. OUTPUT 650 VDC 550 MA. & 250 VDC @ 150-MA. SIZE 9x14 N \$15

DYNAMOTOR DM-35 INPUT 12 VDC @ 18.7 AMP. OUTPUT 625 VDC @ 225 MA SIZE: 4 $\frac{1}{2}$ x4 $\frac{1}{2}$ x8 $\frac{1}{2}$; 13 LBS. UNUSED \$20

INVERTERS



EICOR INVERTER X3516-1 INPUT: 27.5 VDC 165 AMPS. OUTPUT: 115 VOLT 400 CYCLE 2500 VA 1 PHASE SIZE: 16x11 $\frac{1}{2}$ x8; WT: 75 LBS. EXCELLENT COND. \$49.50

PU-7 INVERTER

INPUT: 28 VDC 160 AMPS. OUTPUT: 115 VAC. 400 CYCLE 21.6 AMP. 1 PHASE SIZE 19 $\frac{1}{2}$ x8x10 $\frac{1}{2}$; 100 LBS. PRICE: UNUSED \$49.50

5A513N3 INVERTER

INPUT: 26 VDC 100 AMPS. OUTPUT: 115 VAC 400 CYCLE 1500 VA 1 PHASE SIZE: 14x9 $\frac{1}{2}$ x6; WT: 50 LBS. PRICE: UNUSED \$45.00

MG-149H INVERTER

INPUT: 24 VDC 36 A. 750 VA. OUTPUT: 115 V. 400 CYCLE 1 PHASE 500 VA & 26 V. 400 CYCLE 1 PHASE 250 VA. SIZE: 12x8 $\frac{1}{2}$ x8; WT: 25 LBS. PRICE: GOV. RECOND. \$49.50

INVERTER INPUT 27.5VDC 60A OUTPUT 115 V 400 CY 750 W 3 PHASE 26 V 400 CY 50 W 1 PHASE

LELAND#10285 USED \$34.95



WINCHARGER 51S1 DYNAMOTOR ON 15x9 $\frac{1}{2}$ base.

Input 26 VDC 22 amps; output 1500 VDC 200 ma and 330 VDC 100 ma. 44 lbs sh. Used, \$32.

DYNAMOTORS from T-195 xmitter; 27 VDC input. Used.

#HV-DYN/T195, input 28 amps output 1000 VDC 500 ma; 8 $\frac{1}{2}$ x4 dia, 15 lbs. \$32.50
#LV-DYN/T195, input 10 amps output 250 VDC 300 ma, -45 VDC 10 ma, and 115 VAC 30 VA 400 Hz. 8 $\frac{1}{2}$ x3 d. \$25.



JACK & HEINTZ

F-132 INVERTER INPUT 27.5 vdc @ 100 AMPS. OUTPUT 115 v. 400 CYCLE 1500 VA 3 PHASE SIZE: 16 x 11 x 7; WT: 55 LBS PRICE: USED \$75.00

F-147 INVERTER INPUT 27.5 vdc @ 180 AMPS. OUTPUT 115 v. 400 CYCLE 2500 VA 1 PHASE SIZE 18x11x7; WT: 45 lbs PRICE: USED \$75.00



JACK & HEINTZ INVERTER #AN-5332-2 INPUT 27.5 VDC @ 20 AMPS. OUTPUT 115 VOLT 400 CYCLE, 3 PHASE, 250VA VOLTAGE REGULATED. SIZE: 12x7 $\frac{1}{2}$ x4 $\frac{1}{2}$; WT: 20 LBS. FED#6125-617-0967 Used, \$18.95

1000 VDC 350 MA

BD-77 DYNAMOTOR; INPUT: 14 VDC 39 AMPS. OUTPUT: 1000 VDC 350 MA. SIZE: 11x10x6 $\frac{1}{2}$ SHPG. WT: 40 LBS. \$19.95

PE-73 DYNAMOTOR; SAME AS BD-77, BUT WITH 28 VDC 19 AMP INPUT, RECOND. \$30.00

DM-42 DYNAMOTOR; INPUT: 12 VDC 39 AMPS. OUTPUT: 1030 AND 515 VDC @ 215 MA. 7x7x11; 42 LB. RECOND. \$15.

VIBRATOR POWER SUPPLY, USED WITH AM/PIP-1A PUBLIC ADDRESS SYSTEM. INPUT: 5.2 to 6.2 DC VOLTS; OUTPUT: 300 VDC 60MA, 50 VAC. SIZE: 4 $\frac{1}{2}$ x3 $\frac{1}{2}$ x2 $\frac{1}{2}$ 3 LBS #H17D-11077 NEW \$5.95

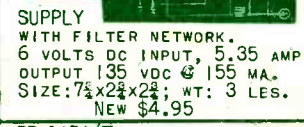
PP-104 POWER CONVERTER. 6 OR 12 vdc INPUT, OUTPUT 90 VDC, 1 $\frac{1}{2}$ VDC AND -45 VDC. SIZE: 4x4x7; WT: 10 LBS. NEW \$3.95 w/EXTRA VIB. \$4.95

PP-855/PRC-14 VIBRATOR POWER SUPPLY WITH FILTER NETWORK.

6 VOLTS DC INPUT, 5.35 AMP OUTPUT 135 VDC @ 155 MA. SIZE: 7 $\frac{1}{2}$ x2 $\frac{1}{2}$ x2 $\frac{1}{2}$; WT: 3 LBS. NEW \$4.95

PP-1234/U 115/230 VAC POWER SUPPLY for URM-32 freq. meter; output 180 VDC 20 ma, 6.3 VAC 1.1 amp. Xformer 460 VCT 20 ma, 6.3 V 1.25 A.; Choke dual 20 Hy 20 ma. W/6X4 tube. 12x3 $\frac{1}{2}$ x1 $\frac{1}{2}$ 12 lbs sh wt. Used, \$14.95

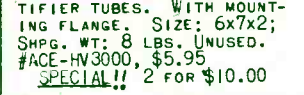
ACE HIGH VOLTAGE POWER SUPPLY; OUTPUT: 3000 VDC 50 UA APPROX. INPUT: 115 V. 60 HZ. USES TWO 183 RECTIFIER TUBES. WITH MOUNTING FLANGE. SIZE: 6x7x2; SHPG. WT: 8 LBS. UNUSED. #ACE-HV3000. 2 FOR \$10.00



BELL SYSTEM POWER SUPPLY 105-130 VOLT 60 HZ. OUTPUT 18VDC .6 AMP 20VDC 1.0 " 9VAC 2.8 AMP & 18VAC 1.4 AMP. FUSED & AC CORD. SIZE: 8 $\frac{1}{2}$ x4 $\frac{1}{2}$ x8 $\frac{1}{2}$; WT: 22LB #J86731A USED \$6.75

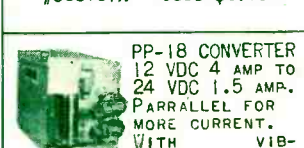
HIGH VOLTAGE

ACE HIGH VOLTAGE POWER SUPPLY; OUTPUT: 3000 VDC 50 UA APPROX. INPUT: 115 V. 60 HZ. USES TWO 183 RECTIFIER TUBES. WITH MOUNTING FLANGE. SIZE: 6x7x2; SHPG. WT: 8 LBS. UNUSED. #ACE-HV3000. 2 FOR \$10.00



BELL SYSTEM POWER SUPPLY 105-130 VOLT 60 HZ. OUTPUT 18VDC .6 AMP 20VDC 1.0 " 9VAC 2.8 AMP & 18VAC 1.4 AMP. FUSED & AC CORD. SIZE: 8 $\frac{1}{2}$ x4 $\frac{1}{2}$ x8 $\frac{1}{2}$; WT: 22LB #J86731A USED \$6.75

PP-18 CONVERTER 12 VDC 4 AMP TO 24 VDC 1.5 AMP. PARRALLEL FOR MORE CURRENT. WITH VIBRATOR ALSO PLUG SIZE: 6 $\frac{1}{2}$ x5 $\frac{1}{2}$ x8 $\frac{1}{2}$; WT: 10 LBS. NEW \$4.95



PP-18 CONVERTER 12 VDC 4 AMP TO 24 VDC 1.5 AMP. PARRALLEL FOR MORE CURRENT. WITH VIBRATOR ALSO PLUG SIZE: 6 $\frac{1}{2}$ x5 $\frac{1}{2}$ x8 $\frac{1}{2}$; WT: 10 LBS. NEW \$4.95

TUBE SOCKETS



4X150 SOCKET PAIR f/
T-195 xmitter modltr
4x3x2 1/2, #1195/4X150
Removed, \$18. \$10.



4-125A
4-400A
CERAMIC SOCKET,
2-7/8" square; re-
moved from equip-
ment. JOHNSON 275, \$6.50 each.

CHIMNEYS for SK600/610 or 124-
110 (4X150/4CX250); used.
#SK606/124-111, \$3.00 ea. 2/\$5.

OCTAL MOULDED 2 HOLE MTG. \$.35
" " RING " .35
" " CERAMIC (SPECIFY) .60
LOCTAL MOULDED 2 HOLE .35
CERAMIC TYPES 4, 5, 6 & 7
CONTACTS STANDARD SIZES .65
MOULDED TYPES 4, 5, 6 & 7
CONTACTS, STANDARD SIZES .45
MINIATURE MOULDED 7 & 9 .35
" " CERAMIC 7 & 9 .50
SHIELDS FOR MINIATURE TUBE .40
GIANT 4 CONTACT CERAMIC FOR
211/VT-4C 872 ETC. .49
GE#M17461594-G1 USED .49
GIANT 4 CONTACT CERAMIC FOR
715, 718 ETC. JOHNSON 234 TYPE
STR.#227684.98 UNUSED \$1.25
CERAMIC FOR 829 ETC. used 1.25
" " 832 ETC. used 1.25
" " 872 W/SHOULDER 1.50
" " 811/866 " used 1.25

JOHNSON CERAMIC SOCKETS, unused
#214 for 750TL/1500T etc \$2.
#244 for 800B etc. \$2.00
#247 for 829B, 7094 \$2.00
#123-209-200 for 811/866/211
tubes; with shoulder, \$2.50
#122-101-207 for 826/832/
4D32; VHF septa, \$4.00
#124-0113 SCREEN GRID BYPASS
FOR 4X150/4CX250; 2000 pf, \$3.

TERMINAL BLOCKS--TELEPHONE TYPE
#TT4X10FA, 4 rows
ten terminals each;
total 40. Size:
3 1/2 x 3 x 2; unused \$4.25



#680069, 3 rows
26 removable ter-
minals; 78 total. 7 1/2 x 3 \$4.50
4x9865 40 terminals, flat mount-
ing 8x3x2 \$3.00
879-9661 3 rows of 30 terminals
one side wire wrap.
size 8-7/8x2-3/4x1-3/4 \$3.50

AIRCRAFT STYLE TERMINAL STRIPS
AN-3436-2-6 6 term. 4x7/8x11/16
6-32 studs on 19/32 centers .55
AN-3436-2-9 9 term 6x7/8x11/16
6-32 studs on 19/32 centers .75
AN-3436-4-10/10 term. 7-7/8x11/16
10-32 studs on 3/4 centers .80
AN-3436-4-16/10 term. 12x11x1
10-32 studs on 3/4 centers \$1.25
5BK-22 BOX Consists of 3 AN-3436
terminal strips 13 term. each &
2 AN-3436 9 term. ea. The 10/32
studs extend thru. the phenolic
board and have solder terminals.
Board size 5 1/2 x 8 1/2 x 2; 4lbs \$2.75

TERMINAL STRIPS WITH CLIPPED WIRE
BARRIER TERM. STRIPS AVAILABLE,
3/4, 1 & 1 1/2" WIDTHS, 2 TO 16 TERM.
INALS. TWO TERMINAL 20% EA. EACH
ADDITIONAL TERMINAL 3%. WE WILL
SHIP CLOSEST TO YOUR ORDER.

HEAVY DUTY TERMINAL STRIPS.
APPROX. 2" W x 1 1/2"
6 TERM. 4x1 1/2 \$1.50 12 TERM. WITH
8 " 6 " 2.00 SCREW DOWN
12 " 8 " 3.00 HOLDER TYPE \$4

Capacitors



MFD	VDC	SIZE	PRICE
4	400	2 1/2 x 4 x 1	\$.75
2	600	2 1/2 x 2 x 1	.65
4	600	3 1/2 x 2 x 1 1/2	.85
6	600	4 1/2 x 2 x 1 1/2	1.00
7	600	4 x 4 x 2	1.10
10	600	5 1/2 x 3 1/2 x 1 1/2	1.35
1.5	1000	4 x 1 1/2 x 1	.85
2	1000	4 x 1 1/2 x 1	.95
4	1000	4 1/2 x 2 x 1 1/2	1.10
15	1000	5 1/2 x 3 1/2 x 2 1/2	1.85
15	1000	(dented)	1.25
Dual 15 mf	1000 V/6 mf		2.50
600 VDC	4 1/2 x 3 1/2 x 3 1/2		
2	1500	4 1/2 x 2 x 1 1/2	1.15
4	1500	4 1/2 x 3 1/2 x 1 1/2	1.95
1	2000	3 x 2 x 1	1.25
4	2000	5 x 3 x 2 1/2	4.00
1	2500	4 1/2 x 3 1/2 x 1 1/2	1.50
0.6	3000	6 x 2 x 1 1/2	1.25
1	3000	4 1/2 x 3 1/2 x 2 1/2	1.35
0.1	3500	4 1/2 x 1-3/8 d	1.00
53	3500	12 x 4 x 4 1/2	25.00
1	4000	7 x 3 x 1 1/2	2.75
2	4000	5 1/2 x 3 1/2 x 1 1/2	5.50
2x.01	4500	5 1/2 x 3 1/2 x 1 1/2	2.00
1	7500	14 x 12 x 4 1/2	14.00

COMPUTER GRADE

MFD	VDC	SIZE	PRICE
24000	3	4x3	\$3.75
23000	7	5 1/2 x 1 1/2	.60
		Bank of five	2.25
61000	10	4x2 1/2	1.50
150000	10	5 1/2 x 3	3.25
2000	15	4 1/2 x 1 1/2	.75
73000	15	4 1/2 x 3	3.00
40000	20	4 1/2 x 2 1/2	2.75
52000	20	6x3	2.85
1100	25	4x1 1/2	.75
44000	25	6x3	3.00
24000	30	4x2 1/2	2.25
25000	30	4 1/2 x 3	2.25
54000	30	6x3	4.00
18000	35	4x3	2.50
25000	35	4x2 1/2	2.75
37500	35	6x3	3.75
9400	40	4 1/2 x 1 1/2	2.00
16000	40	4x3	2.50
30000	40	4 1/2 x 3	3.00
48000	40	5x3	4.00
51000	40	4 1/2 x 3	4.25
3000	50	4 1/2 x 1 1/2	1.25
12500	50	4x3	2.25
23200	50	4x3	3.25
34000	50	5 1/2 x 3	4.00
3500	52.5	4x2 dents	1.25
3500	55	4x3	2.00
13500	60	4x3	3.00
30000	60	6x3	5.00
950	75	4x3	2.00
16800	75	4 1/2 x 2 1/2	4.75
1400	99	4x2 dents	1.00
900	165	4x2 dents	1.00
1250	180	4 1/2 x 2	3.00
500	200	4x2 NEW	2.50
500	200	4x2 used	1.50
200	250	3 1/2 x 1 1/2	1.35
4300	250	5 1/2 x 3	8.00

BUY 5 COMPUTER GRADES OF
SAME rating, take 20% off.

PHOTO FLASH TYPE, 600 mfd
360 VDC, 3 1/2 x 1 \$2.25 5/\$10.

MICA CAPAC- MFD WVDC CM
ITORS used .01 600 55
in RF power .02 600 55
circuits. .022 1200 60
JAN CM-size .0004 2500 55
less than .006 2500 55
1 1/2 x 1-3/8 -.016 2500 60
\$1.25; 5/\$5. 35 pf 3500 55
.01 1200 45

LARGER BROWN MICA CAPACI-
TORS, various values as
available--write your need
F2L size \$3.75; F3L \$6.00

ROTARY SWITCHES

Gold flash ceramic switch
2 deck 12-position contacts
1 1/2 dia. 1-3/4" dp.
889-5718 \$4.50

ROTARY SWITCH, 2-DECK. ONE
4PDT MOMENTARY BOTH SIDES;
OTHER 2PDT MOM. B.S. AND
IPST MOM. 1-3/8" DIA.; CER-
AMIC. #329825-20, \$1.00
MINI-ROTARY, 1-pole 3-pos.
shorting. 1" dia; 1/8" dia
shaft. No hardware.
#LED-M13-S, unused, 75¢

THUMB-WHEEL WAFER
SWITCH, 18 POSIT-
ION, NUMBERED, 2
HOLE MTG. HORIZON
TAL OR VERTICAL,
2 1/2 x 3/8" # 960 NEW \$1.25
SAME AS ABOVE 10 POSITION
2 1/2 x 3/8" # 980 NEW \$.75

2-DECK 5-POS W/OFF-ON swit-
ch 2/SPST 8 A 125 V. 2 1/2 x
1 1/2, 1/2" d shft. #2D5PSW \$3.

ROTARY SWITCH 10 POLE, 4
POS. 5 DECK. 3 1/2 x 1 1/2.
#M-39/31.9 RE-TOOL \$1.00

ANTENNA COUPLING
SWITCH, 6-posi-
tion, 1-pole.
2-3/8" dia. Cer-
amic, bar knob.
Removed, \$3.95

Rotary switch one deck 17-
position, one tie deck. 1 1/2"
x 1. silver pl. SW-249 \$2

1-POLE 12-POS non-shorting;
1 1/2" dia X 2" 1/2 shaft.
Mallory #32112J NEW \$1.25

DAVEN SWITCH

18-POSITION, CON-
TINUOUS TURN, 2"
dia. Zinc-silver
contacts. 3/8" dia
shft. #3Z9825-92.2
Unused, \$3.00

Miniature tap switch 1 pole
7-position rated 1 amp.
1 1/2". Grayhill 7 pos. \$2.00

Power on/off sw. rated 3a.
125v. ac/dc w/2-gang pot.
one meg. # 600 ohm concent-
ric. 1 1/2 x 1 1/2 VC-0058 \$1.50

Ceramic 5 pole 3-position,
2 deck rotary 2 1/2" x 1 1/2". used
Re-moved S-602/13 \$1.50

Ceramic 1 pole 12-position
rotary sw. 1 1/2" dia. w/stop.
re-moved S-601/13 \$2.00

ROTARY ACTUATOR
will operate
12-28 vdc
12 position
30 degrees
each.
2 1/2" shaft for mtg. & rods
for wafers, no wafers with
unit. 2 1/2 x 1 1/2; 1 lb.
MX167869G1 or equivl. \$2.00

ANTENNA CIRCUIT SWITCH
100 WATT
3/MAKE
3/BRE AK
Size:
4 1/2 x 2 1/2 IN.
#379626
\$2.50

DAVEN SR-14
SERIES D-
5-deck 24-
position ea
rotary switch;
2 1/2" square decks with gold
flashed contacts and bind-
ing posts. 5/8 x 1 1/2" dia shft
o/a 6 1/2" lg. #7873 NEW \$12.

Parts Kits

DISC CERAMIC
CONDENSERS
33 ASST.
15MMF-.01MFD.
Good Value
\$1.25 a KIT

HARDWARE ASSORTMENT
From electronic e-
quipment such as
washers, screws, ri-
vets, nuts, termi-
nals; 2 lbs \$2.00

MICA
CONDENSERS
25 ASST.
10 MMFD To
6800 MMFD.
\$1.00 a KIT

TRIMMER
CONDENSERS
35 ASST.
5 to 280MMF
WIDE RANGE
\$1.00 KIT.

PRECISION
RESISTORS
25 asst. on
boards. Car-
bon or wire
wound 1%
\$1.50/kit

RESISTORS
WIREWOUND
25 ASST.
5 to 20
Watt. Wide
range of values some
tapped. 25 ASST \$1.00

VOLUME
CONTROLS
10 ASST.
Popular
Values
\$1.00

TUBE
SOCKETS
20 ASST.
Octals
Loctals
Minatures
Wafers etc
\$1.00

PILOT
LIGHT
SOCKETS
25 ASST
Bayonet
Screw etc.
\$1.00

TERMINAL
STRIPS, Tie lug
strips, ASST
types. 25 for
\$1.00

TERMINAL
WUGS, ring
spade, crimp
types. Wide
variety of
sizes for all uses in
clear plastic box.
APPROX. 200 PCS. \$2.00

ROTARY WAFER SWITCH
six different types
Multi-decks and
contacts \$1.25

BATHTUB CONDENSERS
KIT. 1 to 1 mfd up
to 600 VDC. Vari-
ous types 10/\$1.

MORE CAPACITORS
Polystyrene 100/\$15:
.01 uf 200 V, 4/\$1.
.009 uf 500 V, 4/\$1
Mylar types:
.022 uf 100 V, 4/\$1
0.33 uf 500 V, 5/\$2

AC CAPACITORS

MFD	VAC	SIZE	PRICE
4	220	4 1/2 x 1 1/2	\$1.00
14	220	4 x 2 x 1 1/2	2.25
47-58	220	4 1/2 x 2 dia	2.25
3.9	330	4 x 2 x 1	1.00
4	330	6 x 2 1/2 dia	1.00
7	330	3 1/2 x 3 1/2	1.35
17.5	330	5 1/2 x 2 x 1 1/2	2.50
12.5	360	4-3/8 x 2 x 2	2.00
2	440	2 x 2 x 1	1.00
25	440	6 1/2 x 3 x 2	4.00
48	480	10 1/2 x 4 x 3 1/2	8.00
21	525	6 1/2 x 3 1/2	4.00
18	600	4 1/2 x 4 x 2 1/2	4.00
4	660	3 1/2 x 3 x 2	1.25
8	660	6 x 2 1/2 x 1	2.00
10	660	5 x 3 x 2	2.50
1.3	950	5 1/2 x 4 1/2	3/1.00
.05	2500	2 1/2 x 2 x 1 1/2	.65
1.3	4000	8 1/2 x 4 x 3 1/2	4.00

ELECTROLYTIC (E)/PAPER (P)
6800uf 16 V axial (E) 4/\$1
450 uf 25 VDC (E) 50¢ 5/\$2
1000 uf 25 V axial (E) 50¢
1500 uf 63 V axial (E) 75¢
40-40 uf 150 V (P), 2/\$1.
50-50 uf 150 V (E), 45¢
80-40-20 uf 150 V (P) 2/\$1
250uf 150 V axial (E) 2/\$1
25-25 uf 200 V (E), 45¢
50-50-50 uf 200 V (E) 65¢
140 uf 300 V axial (P) 85¢
120 uf 350 VDC (E), 95¢
80 uf 450 VDC (E), \$1.25
80-30-20 uf 450 V, 40 uf
150 V (E), used \$1.25
0.01 uf 7500 V (E), \$3.50

160-240-240-5 mf 200 VDC
case ground; (E), \$1.00
1 KV DISCS: 7/1 1.00/\$6.
UF: .0001 .0002 .002
3 KV DISCS: 5/1 1.00/\$12.
UF: .00009 .00025

TANTALUMS, 35 VDC PCB-type
4.7 or 6.8 uf 4/\$1 1C/\$20
40 uf 25 V, 2x3/8, 2/\$1.
47 uf 20 V, 2 1/2, 45¢
20 uf 50 V, 1 1/2 x 3/8, 2/\$1.
60 uf 150 V, 2 1/2 x 1 1/2 \$2.

RESISTORS

3/5 W, 20% EA; 10/25 W, 30%
0.33 Ohm 11 watt WW Dale
0.5 " 10 " " "
Octals " " " "
2.0 " 10 " " "
2.43 " 3 " " "
10 " 8 " " 30%
24 " 5 " " "
70 " 5 " " "
100 " 5 " " "

BLEEDER RESISTORS

3900 " 25 " FERRULE
1000 " 25 " WW
15K " 10 " "
15K " 3 " "
100K " 3 " CERAMIC

1.6 ohm 220 W, 5%, \$1.50
0.05 " 105 W, 5%, 4x1, \$1.

PRECISION RESISTORS
5K OHMS W WATT, 0.1%, 60¢
7.5K OHMS, 0.333 WATT,
0.25%, WIREWOUND, 40¢ EA.
28K OHMS 1/2 WATT, 0.05%,
WIREWOUND, 40¢ EA.
55 MEGOHMS, 10 WATT, 1%,
DALE WIREWOUND, \$1.00 EA.

DALE PRECISION POWER RES.
100 WATT (3 1/2 x 3 1/2) IN VAL-
UES: 45n (3%), 120n (1%),
450n (1%), 1400n (1%), \$2.50
250 WATT (4 1/2 x 3 1/2) IN VALUES
600n (1%), \$3.00

185 WATT 2.9 ohm 1%, \$3.25
260 ohms 5 watt 1%, 3/\$1.
4K ohms 3 watt, 1% 2/\$1.00
10K ohms 150W, 6 1/2 x 1 1/2, \$1.75
75 ohms 50 W, 5%, 4x5/8 \$1.

SLIDER VARIABLE WW RESISTOR
15 ohm 35 watt, 10%, \$1.00
10 ohm 75 watt Ohmite \$1.50

HIGH VOLTAGE TRANSFORMERS


PRI	HZ	SECONDARY	SIZE	WT	STOCK #	PRICE
117v	60Hz	375v 40ma 2/6.3	.6A 2x4x2 1/4	4LB	#24003	\$3.95
115v	60Hz	470vctw40ma	4x2x2 1/2	8lb	682-3023	\$5.95
115	60	350 CT/26 MA	2 1/2 x 3 1/2 x 3	4	647-6762	3.95
115v	60Hz	885/545 600ma	6 1/2 x 6 1/2 x 6	33 lbs	#4327	\$12.95
115v	60Hz	810v 220ma	4 x 3 1/2 x 4 1/2	6 lbs	#3252	\$ 9.95
115	60	110v 100MA, 50VCT	4 1/2 x 3 1/2 x 3 1/2	10	KAL#2334	6.95
115	60	600 VCT 60 ma	2 1/2 x 4 1/2	8 lbs	#1831	5.95
115	50-	550 VCT 12 ma	2 1/2 x 4 x 2 1/2	5 lbs	#37711	3.95
108/115/	400 Hz	60 VCT 300 ma	6.3 V 600 ma			
121 VAC	60 Hz	5 V 2 A, 6.3 VCT 3.5 A				
115	60	820 VCT 120 ma	4 1/2 x 4 1/2 x 4	10	#7629831	6.95
115	50-	700 VCT 70 ma case	4 x 5 1/2 x 4	12	#301538	4.95
120	60	6.4/1A 3/6.4	3.2 x 3 x 2	1	645-0612	2.25
115	60	27v4.3A/2.6v3A	5x5x5	15	D161915	9.95
115/60Hz	360Vtaps/7/332/346v.	125MA 228v.015				
115/230	50	175 V 85 ma	2 1/2 x 4 1/2 x 2 1/2	5	#229612-382	4.95
115/230 V	800 VCT 120 MA	5x5 1/2 x 4 1/2	20	KS-9779	6.95	
115/60Hz	700VCT .050A	5v3A 4x3x3x3	9	LBS#TF1A03Y	3.95	
115 V 60 Hz	650 VCT 20 MA	3 1/2 x 2 1/2 x 4 1/2	10	#8734	\$2.95	
115	60	6760 V 60 ma	1 1/2 x 8 x 6	35	#1000A-358	\$25.
115v	60Hz	110v @ 30ma	3 1/2 x 2 1/2 x 2 1/2	31	lbs #5569	\$3.95
115	60	2000 VCT 500 ma	7x5 1/2 x 5	32	#HW-201P	32.50
115/230	660ct@60MA	RD3x4 1/2	8	229608-110	5.95	
115	60	150v@500 MA	3 1/2 x 4 1/2 x 4 1/2	11	T127J387	5.95
115	60	510VCT @ 100 MA.	3x4 1/2 x 3 1/2	7	229612.21	3.95

LOW VOLTAGE TRANSFORMERS

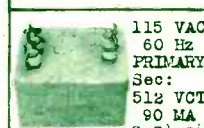
PRI	HZ	SECONDARY	SIZE	WT	STOCK #	PRICE
115v	60Hz	6v/1A 45vct/.5A	3x2 1/2 x 2 1/2	2LB	#1461312	\$2.95
115	60	6 VCT 1.5 amp	2 1/2 x 2 1/2 x 2 1/2	3	#518-3847	3.50
115v	60Hz	6.3v@15A/two	5x4x3 1/2	11 lbs	#4094	\$20.00
117v	60Hz	55v @ 60ma	3 1/2 x 2 1/2	41b	5950-8419	\$2.95
117v	60Hz	5v@6A(1500rms)	4 1/2 x 3 1/2	9 "	ORD762812	\$2.50
115v	60Hz	6.5vct@24A/	6x5x4 1/2	20 "	647-6219	\$9.95
220v	60Hz	2.5vctw	4 1/2 x 3 1/2 x 3 1/2	9	THER-8708	\$3.95
115v	60 Hz	6.3VCT 1A.	2 1/2 x 1 1/2 x 1 1/2	8oz.	#118667	\$2.95
115	60	TWO 30 CT/15MA	2 1/2 x 2 1/2 x 3	5	648-4774	4.95
115	60	6 V 15 A/1.5 V 200 MA	3 1/2 x 3 1/2 x 3	8	M-1018A	\$4.
115	50-400	34/2.7 A	4 1/2 x 4 1/2 x 4	14	853-6026	\$4.50
115	50/60	5 1/2 @ 1.5 A	RD.4x2 1/2	6	869-2849	\$4.95
120v	6	3/6.3vct .6A	2 1/2 x 3 1/2 x 2 1/2	1LB	TF1A01YY	\$2.95
125		8.5 TAP 3.5V .1A				
117	60	31v@3.27A, 15.5v 3x4 1/2 x 4 1/2	10	5950-9195	\$3.95	
215 V 60 Hz	2.5 VCT 10 A.	4 1/2 x 3 1/2 x 3 1/2	12,	#2253	\$2.95	



PRI: 115 V. 60HZ
SEC: 1500V 300MA
TAPPED 400 V.
4 1/2 x 3 1/2 x 4 1/2; 16LBS.
#J-6035, \$12.95



PRI: 115 V 60CYC
SEC: 850CT 280MA
280CT 10MA
5 V 5 A.
6.3 V 600MA
36 V 5 A.
5 1/2 x 5 1/2 x 7 1/2; 28 LBS.
#5950-646-3943
\$6.95



115 VAC
60 Hz
PRIMARY
SEC:
512 VCT
90 MA
3x3 1/2 x 2 1/2
4 lbs. #SMB-202958
Used, \$4.50
#SMB-202912, 448 V
CT 20 ma; 2x3 1/2 x 2 1/2
3 lbs. Used \$2.50

Pri: 115 VAC
50-70 Hz.
Sec: 750 VCT
225 MA.
12.6 VCT 6 A
5 V 3 A
6.3 V .6 A
6x4 1/2 x 20 lbs sh
#7554, \$14.95

Pri: 115v50/60Hz
Sec: 1860vct @
130 ma. 1500 wv
5 1/2 x 4 1/2 x 4 1/2; 18 lb
SMB202-909 \$15

Pri: 115v50/60Hz
Sec: 2340 vct @
245 ma. 3940 wv
350 v. @ .016a.
7x5x6 1/2; 35 lbs.
SMB202-907 \$20

Pri: 115 V 60 Hz
Sec: 1120 VCT 40C
ma, 950 VCT 150
ma. 6 1/2 x 5 x 8,
38 lbs. #TRC-29/
SMB-20291 \$16.95

POWER SUPPLY TYPE
115 VAC
60 Hz
Primaries Unused
#BBL2696: 18 V 1.5
amp, 19 V 2.5 A,
10 V 4 A; 3x4x3x3,
7 lbs sh. \$4.95
10 for \$45.00

#PT-09: 48 VCT 2.5
amps; 3 1/2 x 3 1/2 x 3,
6 lbs sh. \$5.95

#PT-1602: 78 VCT 3
A; 3 1/2 x 4 1/2 x 3 1/2,
16 lb
\$6.95 ea; 10/\$64.

#023-1967: 70 VCT
5 A; 4 1/2 x 4 1/2 x 3 1/2,
12
lbs. \$7.95 each

#LAC-56: 50 VCT 3A
3 1/2 x 3 1/2 x 3 1/2, 8 lbs.
\$5.95 ea; 10/\$54.

PRI: 115V
60 CYC
SEC: 2 V.
30 AMP
3x3x4; 4LB
5950-829-8618 \$2.95

FOR R4-62 RECTIF.
USED TO POWER
SCR-522 REC-TRANS
PRI: 110/220 VCT
40-60 CYCLE
SEC: DC VOLTAGES
300 @ 230 MA
BIAS 150 @ 8 "
13.4 @ 3.9 A.
6x5x8; 30 lbs.
#3340-296-862-192
PRICE: \$7.95

Pri: 115 VAC 60 Hz
500 VCT 80 ma
24 VCT 2 amps
6.3 V 3 amps
2 1/2 x 3 1/2 x 2 1/2, 4 lbs sh

ART-13
MODULATION
ART-13 MODULATION
TRANSFORMER 50 WATT
300-4000 RESPONSE
* 2DB PRI. TO SEC.
1; 1/.695, PRI. TO
SEC. 2.1/.254, Z
PRI. 15000 Z SEC.1
7300, TEST 4000 v.
4 1/2 x 3 1/2 x 2 1/2; 4 LBS,
4x6x3 1/2, 9 lbs sh.
#BP-18687 used \$6.95

PRI: 115 v. 50/60
SEC: 3/17 v. 5 AMP
28 v. 10 "
WITH CAPACITOR
REQ. VENTILATION
4x5 1/2 x 7 1/2; 20 LBS.
GE-9791A4074
\$14.95

PRI: 115 V 50/60
SEC: 100 VCT 1.5A
20 " 3.0A
2/20 v. 3.0A
35 v. 5.0A
WITH CAPACITOR
GE-9791A4069
REQ. VENTILATION
5 1/2 x 6 1/2 x 7 1/2; 23 LBS.
\$9.95

Pri: 115/230 VAC
50-60 Hz
Sec: (12 V 14 A.
by wiring 12 V
secondaries in
parallel) or
12 V 9 A, 12 V
3.2 A, 12 V 2
amps; also 44 V
2.5 amps.
5 1/2 x 4 1/2 x 4 1/2; 22 lbs
#P-601719, \$2.95

100 WATT
RESPONSE 200 to 5000
PRI: 7000 SEC: 7000
F/BC-191/375 TRANS.
size 3x4x5 WT. 5 1/2 lbs.
stock # 26191/T1
Price \$2.95

100 WATT
MODULATION
TRANSFORMER
PRI: 7500 OHM CT
30,000 "
SEC: 3000 OHM
35W 200 MADC
600 CT. 1 W
RMS TEST
1,2,3 500 V
OTHERS 2500 v.
200-3500 CPS.
4 1/2 x 4 1/2 x 4 1/2; 11LBS
#5950-646-3092
PRICE: \$4.95

Pri: 115 VAC 60 Hz
500 VCT 80 ma
24 VCT 2 amps
6.3 V 3 amps
2 1/2 x 3 1/2 x 2 1/2, 4 lbs sh

TRANSFORMERS LISTED BELOW HAVE 115 VOLT
60 HZ PRIMARIES UNLESS OTHERWISE STATED

Sec: 18 V 5.4 A, 26 V
1 A, 6 V 900 ma, 25 V
500 ma, 35-10-0-10-35
V 5 A. 4 1/2 x 4 1/2 x 4, 16 lb
#401-21 unused \$8.95

Sec: 40v 2.5A/6.3v 1.5A
3 1/2 x 3 1/2 x 5 1/2; 10 LBS.
#43278 \$4.95

Sec: 250 V tapped 50
V 120 ma, 4 KV test.
4x6x3 1/2, 9 lbs sh.
#BP-18687 used \$6.95

Sec: 30 vct 560 ma 40
vct 450 ma 2 1/2 x 2 1/2 x 2;
2 lbs. #401-6 \$3.00

Sec: 450 VCT 250 MA.
40 VCT 1 A. 2/6v 1A.
SIZE: 3 1/2 x 3 1/2 x 4 1/2; 9 LBS.
URC#702-704-00 \$6.95

Sec: 50v@100MA/3v@100
MA/40V@1.5A/40V@200MA
SIZE: 2 1/2 x 2 1/2 x 2 1/2; 2 LB.
URC#372993-1 \$3.95

PRI: 115 VAC
60 Hz
SEC: 22 VCT
75 AMPS
5 1/2 x 6 1/2 x 6 1/2; SM
WT: 46 LBS.
#NCR8318001, \$35.00

Pri: 115 v. 60 Hz.
Sec: 24 v. 4 AMPS.
3 1/2 x 3 1/2 x 3; 5 LBS. NEW
#CARSON-4892 \$4.95

Pri: 115 volt 60 cycle
Sec: 24 vct @ 15 amps
or 12 vdc 30 amps full
wave. Runs hot; venti-
lation required.
4 1/2 x 4 1/2 x 3 1/2; 14lbs.
PR-6412 new \$15

Pri: 115 VAC 60 Hz
Sec: 460 VCT 50 ma
6.3 VCT 2 amps
3x2 1/2 x 2 1/2 4 lb #7514 \$3.

Pri: 115/120/125 VAC
60 Hz 1 @
Sec: 24 VCT 35 AMPS
5 1/2 x 5 1/2, 19 lbs sh wt.
Wabash #4429 NEW \$30.

Pri: 115 VOLT 60 HZ.
Sec: 130 VCT @ 200 MA
SIZE: 3 1/2 x 2 1/2 x 2 1/2; 2 LB.
URC#8316423 \$2.50

Sec: 26.8 vct 1 A. 2 1/2 x
2 1/2, 2 lb. #401-17 \$3.

Pri: 210-250 v. 50/60
Sec: 13.7 v. @ 1 amp.
6.3vct @ 4.75 amp
1 1/2 x 3 1/2 x 3 1/2; 10lb
229600-84 \$10.00

Sec: 175 vct 100 MA.
75vct 200 MA. 80 vct
100 MA. & 5 v. 200 MA
SIZE: 3x2 1/2 x 2 1/2; 2 LBS.
URC#720660-1 \$2.9

Sec: 60 vct 1 A.
6.3 v. 100 MA.
SIZE: 3 1/2 x 2 1/2 x 2 1/2;
4 LB. URC#55-28224-1 \$2.95

Sec: 40 vct 1 A.
SIZE: 3 1/2 x 1 1/2 x 2; 1 1/2 LBS.
URC#56000 \$2.95

Sec: 24v2A/6.3v100MA
24v100MA. SIZE: 3 1/2 x 3 x 3
4 LB. URC-LT-646 \$4.95

Sec: 30 vct 200 MA.
45 vct 100 MA/2.5v30M
SIZE: 2 1/2 x 1 1/2 x 2; 1 LB.
URC#374501-1 \$2.95

Sec: 2/80 VCT 150 ma
each with 26 VCT 175
ma taps; 80 VCT 100
ma. 1780 Vrms test.
4x6x3 1/2, 10 lbs sh.
#U-7400, \$4.95

Sec: 125 V tapped 90
volts 3 amp. 4x4 1/2 x 3 1/2,
10 lbs. #225-3992, \$12

22 VCT 75 A

24 V. 4 A.

22 VCT 3 A.

80 VCT 1.5 A.

PRI: 100,115 v. 60 HZ.
SEC: 22 VCT @ 3 AMP.
80 VCT @ 1 1/2 "

Size: 3 1/2 x 3 x 4; WT: 8 LB;
#392890015 \$4.95

Sec: 18 V 5 amps
3x2 1/2 x 2 1/2, 5 lbs sh wt.
#SK710202-4, \$5.95

VIBRATOR TRANSFORMER
Pri: 12.6 V 115 Hz
Sec: 160 V 160 ma
2-1/8x2 1/2x3 1/2, 4 lbs
#5950-243-5679, \$4.95

Pri: 115 volt. 60 cycl
Sec: 30 vct 10 amps
3 1/2 x 3 1/2; 7 lbs.
#80-120003-2 \$10.95

Pri: 115 volt 60 cycle
Sec: 30 vct 15 amps
4 1/2 x 5 1/2; 15lbs.
#80-120002-01 \$16.95

Pri: 115 VCT 60 Hz.
Sec: 35 VCT @ 1 AMP.
6 V. @ 300 MA.
SIZE: 2 1/2 x 2 1/2 x 3; wt; 3 LB.
URC#1341155-2 \$2.50

Pri: 115 VAC 60 Hz
Sec: 45 VCT 500 ma
6 V 500 ma
Size: 3 1/2 x 2 1/2 x 2 1/2; 2 lbs.
URC#203A6725-10 \$2.50

Pri: 115 VAC 60 Hz
Sec: 500 VCT 100 ma
6.3 V 1 amp
Size: 2 1/2 x 2 1/2 x 3, 4 lbs.
#URC8316213 \$3.95

Sec: 500VCT 35MA/24V.9A
6.3v.9A/6.3v .3A/4LBS.
3x3x3 1/2; #RM13-317 \$2.95

FAIR XK-10S XFORMER
Made for ARC-5,
ARC-type 12,
BC-639, R-174,
& other receivers.
NEW \$12.95

TRANSFORMERS

Pri: 105/115/125
VAC 5-60 Hz
Sec: 500 VCT 200
ma, 6.3 V 12 A,
6.3 V 1 A; 3x5
x4, 12 lbs sh.
#784-0990, \$9.95



1-177
TUBE CHECKER
TRANSFORMER
SIZE: 4x4x4, 5 LB
STK# 229613.667
PRICE: \$4.95

32VCT SA
Pri: 105/110/115
50-60 Hz
Sec: 32 VCT 8 amp
4x3x3, 6 lbs.
North 6012143 \$6.



Pri: 115 V 60 Hz
Sec: 15 V 3 AMPS;
13 V 2 A;
6.3 V 7 A.
WITH CAPACITOR,
4x3x3x3, 13 LBS.
#PV-175-9, \$5.95



Pri: 26/115/230 V
60 Hz.
Sec: 13 V 8 AMPS
TWO 230V WINDINGS
TO SUPPLY 370 VDC
600 MA.
5x5x5; 22 LBS.
229613.514 \$7.95

Pri: 115 V 60 Hz
Sec: 12.5 V 2 AMP
150 V 2 AMPS
4x3x3x4; 13 LBS
#773605, \$6.95

AUDIO

Pri: 600 ohm CT
Sec: 4000 ohm tap-
ped 600 ohm, 150
ohm 50 ma; 200-
4000 Hz. 2x1x1 d.
#646-0380 NEW \$3.



ALL PRIMARIES
115 VOLT 60 CYCLE
Sec: 6v. @ 500 MA.
1x1x1x1; 3 oz.
URC#1378648 \$1.25

Pri: 8000 ohms
Sec: 4-8-16-150-
600 ohms, 200 to
3500 Hz 5 watts.
2x3x2x2, 3 lbs.
#COH-2/TRC29 \$5.50

As above except
sec 150-600 ohms;
#SMB-204460 \$4.50

SPEAKER MATCHING
Pri: 2500-3000-
3500-4000 ohms
For use with 4, 8,
or 15 ohm speakers;
20 watts max. 2x2x2
x2, 3 lbs sh.
Bogen F25, NEW \$5.

Sec: 6.3 v. 1 amp
1x1x1x1; 4 oz.
BE16073-001 \$1.50

Sec: 6.3 VCT 2 amp
2x2x1x1, 1 lb.
Stancoor P-2945 \$3.

Sec: 2/30 v. 250 MA
2x1x1x1; 4 oz.
URC#60605 \$1.50

Pri: 7000 ohms
Sec: 4000 ohms tap-
ped 250 ohms; 200-
8000 Hz. 1x2x1x1;
1 lb. #247-9266 \$2.

Sec: 13 V. 1.5 A
3x1x1x2; 2 LBS.
#E01-0-2, \$2.25

Sec: 24 V 1 AMP AC
3x1x1-5/8x2; 3 LBS.
#PC-977, \$2.95

MICROPHONE TRANS
Pri: 40 OHMS
Sec: 75000 "
SIZE: 1x1x1x2
WT: 2 oz.
279986-2/RM-12
PRICE: 75¢

Sec: 24 V 1 AMP AC
3x1x1-5/8x2; 3 LBS.
#PC-977, \$2.95

Sec: 24 V 1 AMP AC
3x1x1-5/8x2; 3 LBS.
#PC-977, \$2.95

Sec: 24 V 1 AMP AC
3x1x1-5/8x2; 3 LBS.
#PC-977, \$2.95

AUDIO MATCHING

OUTPUT TRANSFORMER
Pri: 5000 ohms
.015 adc Sec; 200
& 4 ohm, .1-10 kc
-30dBm. 2x2x2x3
1x1 lbs \$3.95
5950-645-1855

AUDIO OUTPUT TRANS
Pri: 450 OHMS
Sec: 300/4000 OHMS
IMPEDANCE
PC/BC-348
STK# 204348W/T
2x2x4 WT. 2 LBS.
PRICE: \$1.00

OUTPUT TRANSFORMER
NP/NS-1.77/6.6, 50
to 5000 CYC. 5MA.
SIZE: 2x2x2
GEM 7465623-1
PRICE: \$.75

Microphone Transformer
Pri: 1 ohm
Sec: 2000
1x2x1x1
37#229666A
Price \$.59

OUTPUT TRANSFORMER
NP/NS-1.77/6.6, 50
to 5000 CYC. 5MA.
SIZE: 2x2x2
GEM 7465623-1
PRICE: \$.75

LOW VOLTAGE TRANSFORMERS

ALL PRIMARIES 105/110/115
120/125 VOLTS 60 CYCLE.

Sec: 6.6 v. 18 AMP
3x5x4; 12 LBS.
GE#9T35Y159 \$4.95

Sec: 6.3v 2.75A/6.3
V 5.5A, 2.5 KV test
5x3x3 #7629805 \$6.

Sec: 6.3 V. 5 amp. 8 KV ins.
ulatio. 5x3x3; 7 lbs.
#059-2414 \$5.95

Sec: 5 v. 6 amp. 2000v. test
3x3x4; 71b ORD#629812 \$4

Sec: 6.3 VCT 3 A 2.5 KV tes
3x2x2, 3 lbs. #P-6446 \$4.

Sec: 6.3v 3.1a/6.3v 2.5a/6.3
v. 4.5a/6.3v. 3.0a/2-5.0a2 amp.
TF1A01JA \$3.95

Sec: 5vct @ 4a/5vct @ 2a/
6.3v @ 1a. 3x3x3; 6 lbs.
Bendix L217336 \$3.95

Sec: 6.3 VCT 5 amps 300 W;
2x3-3/Bx2-3/8, 5 lbs sh.
#5950-539-6765 NEW \$4.95

Sec: 12.6 VCT 2 A, 1.5KVrms
2x2x2, 2 lbs. #P-8130, \$4.

Sec: 6.3 vct @ 3.1a/6.3vct
@ 13.7a/5.2v @ 6.3a/5.2v @
2.1a. 4x3x6; 15 lbs.
TRC-SMB-202910 \$6.95

Pri: 220 volt 60 Hz.
Sec: 6.3 " 20 amp.
4x3x3; 8lb. XA16809 \$7.95

Pri: 210/220/230/240v 60 Hz
Sec: 5 VCT 10 amp. Stand of
insul-1". Wilcox 96C Trans
5x4x5; 10 lb.
249600.42 Kenyo 10694 \$10

Pri: 115 VAC 60 Hz
Sec: 850 VCT 225 ma CT grnd
500 VCT 125 ma, 2/5 V 3 A,
6.3 V 2.5 A, 6.3 V 1.25 A,
6.3 V 11 A; 6x4x5, 25
lbs. #188-7474, \$9.95

Pri: 115 v. 60 Hz.
Sec: 900 VCT 130 MA.
5x5x3; 13LB. 229612-38 \$8

Pri: 115 VAC 60 Hz.
Sec: 2/150 V. 940 MA
5x4x3, 9 LBS. #U7450 \$10.

MICROPHONE TRANSFORMER
Pri: IMPEDANCE 50 OHM 30MA
Sec: IMPEDANCE 500 OHM
FREQ. RESPONSE 400-1900CPS
SIZE: 1x1x1; WT: 8 oz.
\$1.00 T-204/PP-115

LINE TRANSFORMER INPUT
Pri: IMPEDANCE 500 OHM CT
Sec: " 500 "
FREQ. RESPONSE 600-12000CP
SIZE: 2x2x2x2; WT: 1 LB.
T-203/PP-115 \$1.50

Pri: 115 VAC 60 Hz
Sec: 6.5 VCT 24 A, 6.5 VCT
6 A, 6.5 VCT 6.5 A, 6.5
VCT 1 A; 6x5x4, 22 lbs.
#5950-647-6219, \$14.95

Pri: 115 VAC 60 Hz
Sec: 300 V 500 ma, 6 V 2.5
amps, 5 V 1.5 A; 3x4x4,
14 lbs. #SKN-300-500 \$7.95

ISOLATION TRANSFORMER, 110/115/
120/210/220
primary;
Sec: 135 V 1 A
6.3 V 5 amps
Switch taps secondary 150,
125/100/75/50 v no load
from 115 v input. 3x2x4,
7 lbs. #P-1267975, \$7.95

HIGH VOLTAGE TRANSFORMERS

DC POWER SUPPLY
Pri: 115v 60 CY
SEC: -8000 V.
-25-1 MA.
-120v @ 15 MA.
-24v @ 1.2 A
-16 v @ .45 A
SIZE: 4x4x9; WT: 15 LBS.
#E9T63Y2280G03 \$14.95

Pri: 105/110/115/
120/125 VAC 60 Hz
Sec: 120 VCT 75
MA, 365 V 150 MA
tapped @ 335 V
3x5x3, 8 lbs sh.
#TF1A02JA-R \$5.95

Pri: 105/110/115/
120/125 VAC 60 Hz
Sec: 120 VCT 75
MA, 365 V 150 MA
tapped @ 335 V
3x5x3, 8 lbs sh.
#TF1A02JA-R \$5.95

Pri: 115 VAC 60 Hz
Sec: 900 VCT 250
MA.
4x4x3; 15 LBS.
#SS-S-P243, \$9.95

Sec: 2600 V tapped 1600 V
120 ma; 5-7/8x7-3/8x4, 25
lbs sh. #RP18584, \$14.95

Pri: 115 VAC 60 Hz
Sec: 900 VCT 250
MA.
4x4x3; 15 LBS.
#SS-S-P243, \$9.95

Pri: 115/230 v. 60 Hz.
Sec: 520 VCT @ 90 MA.
6.3v/1.5 A. 6.3vct 4 A.
SIZE: 4x5x3; WT: 7 LBS.
#TBRX03LB/FGC-29 \$5.95

Pri: 115/230 V 60 Hz
Sec: 310 V 100 ma, 3/6.3
8 amps, 6.3 V 10 A
Size: 5x4x4, 14 lbs.
NEC#110001, removed \$10

Pri: 115/230 V 60 Hz
Sec: 920 VCT 100 ma
4/6.3 V 8 amps, 5 V
6 A, 5 V 2 amps
5x5x6, 20 lbs sh.
Paeco #910-96R \$12.

Pri: 115/230 V 60 Hz
Sec: 920 VCT 100 ma
4/6.3 V 8 amps, 5 V
6 A, 5 V 2 amps
5x5x6, 20 lbs sh.
Paeco #910-96R \$12.

Pri: 115/230 V 60 Hz
Sec: 920 VCT 100 ma
4/6.3 V 8 amps, 5 V
6 A, 5 V 2 amps
5x5x6, 20 lbs sh.
Paeco #910-96R \$12.

Pri: 115/230 V 60 Hz
Sec: 920 VCT 100 ma
4/6.3 V 8 amps, 5 V
6 A, 5 V 2 amps
5x5x6, 20 lbs sh.
Paeco #910-96R \$12.

Pri: 115/230 V 60 Hz
Sec: 920 VCT 100 ma
4/6.3 V 8 amps, 5 V
6 A, 5 V 2 amps
5x5x6, 20 lbs sh.
Paeco #910-96R \$12.

Pri: 115/230 V 60 Hz
Sec: 920 VCT 100 ma
4/6.3 V 8 amps, 5 V
6 A, 5 V 2 amps
5x5x6, 20 lbs sh.
Paeco #910-96R \$12.

Pri: 115/230 V 60 Hz
Sec: 920 VCT 100 ma
4/6.3 V 8 amps, 5 V
6 A, 5 V 2 amps
5x5x6, 20 lbs sh.
Paeco #910-96R \$12.

Pri: 115/230 V 60 Hz
Sec: 920 VCT 100 ma
4/6.3 V 8 amps, 5 V
6 A, 5 V 2 amps
5x5x6, 20 lbs sh.
Paeco #910-96R \$12.

Pri: 115/230 V 60 Hz
Sec: 920 VCT 100 ma
4/6.3 V 8 amps, 5 V
6 A, 5 V 2 amps
5x5x6, 20 lbs sh.
Paeco #910-96R \$12.

Pri: 115/230 V 60 Hz
Sec: 920 VCT 100 ma
4/6.3 V 8 amps, 5 V
6 A, 5 V 2 amps
5x5x6, 20 lbs sh.
Paeco #910-96R \$12.

Pri: 115/230 V 60 Hz
Sec: 920 VCT 100 ma
4/6.3 V 8 amps, 5 V
6 A, 5 V 2 amps
5x5x6, 20 lbs sh.
Paeco #910-96R \$12.

Pri: 115/230 V 60 Hz
Sec: 920 VCT 100 ma
4/6.3 V 8 amps, 5 V
6 A, 5 V 2 amps
5x5x6, 20 lbs sh.
Paeco #910-96R \$12.

Pri: 115/230 V 60 Hz
Sec: 920 VCT 100 ma
4/6.3 V 8 amps, 5 V
6 A, 5 V 2 amps
5x5x6, 20 lbs sh.
Paeco #910-96R \$12.

Pri: 115/230 V 60 Hz
Sec: 920 VCT 100 ma
4/6.3 V 8 amps, 5 V
6 A, 5 V 2 amps
5x5x6, 20 lbs sh.
Paeco #910-96R \$12.

Pri: 115/230 V 60 Hz
Sec: 920 VCT 100 ma
4/6.3 V 8 amps, 5 V
6 A, 5 V 2 amps
5x5x6, 20 lbs sh.
Paeco #910-96R \$12.

Pri: 115/230 V 60 Hz
Sec: 920 VCT 100 ma
4/6.3 V 8 amps, 5 V
6 A, 5 V 2 amps
5x5x6, 20 lbs sh.
Paeco #910-96R \$12.

Pri: 115/230 V 60 Hz
Sec: 920 VCT 100 ma
4/6.3 V 8 amps, 5 V
6 A, 5 V 2 amps
5x5x6, 20 lbs sh.
Paeco #910-96R \$12.

Pri: 115/230 V 60 Hz
Sec: 920 VCT 100 ma
4/6.3 V 8 amps, 5 V
6 A, 5 V 2 amps
5x5x6, 20 lbs sh.
Paeco #910-96R \$12.

Pri: 115/230 V 60 Hz
Sec: 920 VCT 100 ma
4/6.3 V 8 amps, 5 V
6 A, 5 V 2 amps
5x5x6, 20 lbs sh.
Paeco #910-96R \$12.

Pri: 115/230 V 60 Hz
Sec: 920 VCT 100 ma
4/6.3 V 8 amps, 5 V
6 A, 5 V 2 amps
5x5x6, 20 lbs sh.
Paeco #910-96R \$12.

Pri: 115 V 60 C
SEC: 6.3 V 3.6 A
15 V.004 A
15 V.004 A
Size: 3x3x3; 4 LBS
STK#ORD7629806
PRICE: \$1.50

CONSTANT VOLTAGE
TRANSFORMERS; 95
TO 130 VAC 60 Hz
PRIMARY; WITH
CAPACITORS. SOLA
AND OTHER MFGS.
REMOVED FROM E-
QUIPMENT.

Sec: 6.3vct 2.38a
ac 5x3x3; 8lb
581-5333 \$5.95

Sec: 24 VDC 5 AMPS
Size: 4x3x5 15LB
#22661-1 \$9.95

Sec: 25-27VDC 3.5 A
AMPS; 5x3x4; 11LB
#22662 \$6.95

SOLA CONSTANT VOLTAGE
Pri: 95-130 VAC 60 Hz
Sec: 118 VAC 120 VA
5x7x3, 12 lbs sh.
#20-13-112 NEW \$27.50

Pri: 100-130 VAC 60 Hz
Sec: 6.5 V 25 amps
11x5x5, 28 lbs sh.
Sola #302237, \$12.50

Pri: 190-280 VAC 60 Hz
Sec: 118 V 8.48 amps
14x5x5, 55 lbs sh.
Sola #20-20-210, \$30.00

Pri: 175-255 V 47-63 Hz
Sec: 240 VAC 4 KVA
11x18x7, 65 lbs sh
Topaz #902-15929, \$85.

Pri: 115/230 VAC 60Hz
Sec: 600 VCT 100 ma,
13 V 1 amp tapped
6.3 V 3 A, 5 V 2 amp.
3x4x3, 7 lbs sh.
#T2/URM-48, \$7.95

Pri: 190-280 VAC 60 Hz
Sec: 118 V 8.48 amps
14x5x5, 55 lbs sh.
Sola #20-20-210, \$30.00

Pri: 175-255 V 47-63 Hz
Sec: 240 VAC 4 KVA
11x18x7, 65 lbs sh
Topaz #902-15929, \$85.

Pri: 115/230 VAC 60Hz
Sec: 600 VCT 100 ma,
13 V 1 amp tapped
6.3 V 3 A, 5 V 2 amp.
3x4x3, 7 lbs sh.
#T2/URM-48, \$7.95

Pri: 115/230 VAC 60Hz
Sec: 600 VCT 100 ma,
13 V 1 amp tapped
6.3 V 3 A, 5 V 2 amp.
3x4x3, 7 lbs sh.
#T2/URM-48, \$7.95

Pri: 115/230 VAC 60Hz
Sec: 600 VCT 100 ma,
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13 V 1 amp tapped
6.3 V 3 A, 5 V 2 amp.
3x4x3, 7 lbs sh.
#T2/URM-48, \$7.95

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Sec: 600 VCT 100 ma,
13 V 1 amp tapped
6.3 V 3 A, 5 V 2 amp.
3x4x3, 7 lbs sh.
#T2/URM-48, \$7.95

Pri: 115/230 VAC 60Hz
Sec: 600 VCT 100 ma,
13 V 1 amp tapped
6.3 V 3 A, 5 V 2 amp.
3x4x3, 7 lbs sh.
#T2/URM-48, \$7.95

Pri: 115/230 VAC 60Hz
Sec: 600 VCT 100 ma,
13 V 1 amp tapped
6.3 V 3 A, 5 V 2 amp.
3x4x3, 7 lbs sh.
#T2/URM-48, \$7.95

Pri: 115 V 60 C
SEC: 6.3 V 3.6 A
15 V.004 A
15 V.004 A
Size: 3x3x3; 4 LBS
STK#ORD7629806
PRICE: \$1.50

Sec: 115 V 75 ma, 2.5 V 5A,
5.3 V 6 A, 6.3 V 3 A, 6.3V
1.8 A; 4 KV insulation.
4x7x6, 12 lbs. BPL8585 \$8.

MAGNETIC
AMPLIFIER
115,400 CY/
HEATER/D.C.
REFERENCE/
CONTROL.

KEARFOTT#425957-1A/SPERRY
622033. 3x2x2; 1 LB.
5950-712-3882 \$3.95

Pri: 2/115 VAC 50-60 Hz.
Sec: 5 VCT 2 A; 5 VCT 4 A;
6 VCT 3.5 A;
115 V RMS 600 MA.
Size: 4x4x3; WT: 15 LBS.
#89-G-2730, used, \$4.95

Pri: 2/115 VAC 50-60 Hz.
Sec: 5 VCT 2 A; 5 VCT 4 A;

CHOKES

12 HY 500 MA 77 ohm
5x5x5; 22 lbs #9230 \$10

10 HY 225 ma 78 ohm 500V
4x3x5; 12 lb #3C26009 \$6

20 HY 100 MA, 3x5x3, 8 lbs. #BP-8583, used, \$3.00

4 HY 650 ma 25 ohm 1.07 kv
6x5x4 20 lb GE7485547 \$9

10 HY 150 ma 130 ohm 1660WV
2x2x5; 5 lb SMB-202915 \$4

10 HY 400 ma 55 ohm 700 wv
5x4x6; 25 lbs SMB203042 \$7

10 HY 125 ma 2 KV 500 V to gnd.
4x2x4; 6 lb #52-3 \$4

10 HY 225 ma 100 ohm 500 v.
4x3x5; 6 lb L386944 \$4

4 HY 550 MA 40 ohms \$4.95
3x4x4; 7 lb Paeco 911-39

4 HY 250 MA 60 ohms 3000V1
3x2x3; 7 lb C-1412 \$3.95

20 HY 50 MA 200 ohms 1 KV;
2x3x2, 3 lb. Kenyon mfg; #3C369-3, unused, \$3.50

10 HY 55 MA
2x3x3; 5 lb 147110 \$1.95

50 HY 40 MA 1780 volt test
3x3x3; 8 lbs U-7402 \$3

10 HY. 50 MA. 100 OHMS. 3x
2x2; 1 lb. 3C573/341 \$2.00

17 HY. 80MA. 300OHMS. 2x
2x2; 1 lb. HRO-3C326-31A \$3.

8 HY 150 MA 100 ohm \$3.95
4x3x2; 10 lb TF1A04HA

10 HY. 100MA. 263 OHM. 3x
3x2; 3 lb. #228-1859 \$3.25

12 HY 80 MA 375 ohm \$1.50
3x2x2; 2 lbs. SKLN20C53

150 MA AVAILABLE VARIOUS
HY TELL US YOUR NEED.

3 HY 350 MA 30 2K PV; 3x
4x2; 6 lb. L-225/PFL15 \$3

6.7 Hy 215 ma 2100 V test;
3x6x3; 12 lb. UX6911 \$5.

TELE REPEAT
4 WINDINGS 21 OHMS EACH.
CROSS-TALK PROOF SHEL.
3L1327A 6x2x4; 3 lb. \$3.00

PRI: 60 V 60 HZ. SEC: 213Q
V 16 ma, 112 V 4 ma. 4x
x4; 10 lbs. #HAL31P \$8.95

10,000 VOLT
AMP P/N 845321-3
PRI: 115V 60HZ.
SEC: 10,000VAC/100MA
5x5x4; 10Lbs. \$20

SCOPE XFORMERS
ACE HV POWER SUPPLY as on
page 10; 3000 VDC 50 ua
output from 115 VAC 60 Hz
input. Includes 2/1B3 tubes
5x7x2, 8 lbs sh wt. Unused.
#ACE-HV3000, \$5.95 2/310.

PRI: 112/117/122V. 60 HZ.
SEC: 228V @ 15 MA.
360V @ 125 MA. TAPPED
7V/332/346
6.6 v. 4.2 AMP.
5x3x3; 8Lb. 229613-869 \$5

PRI: 115v. 50 TO 1200 HZ.
SEC: 700VCT @ 70 MA. TAP. 65
400V @ 10MA 5V @ 2 A.
6.3V @ 4A. & 6.3 v @ .6A.
5x4x4; 10 LBS.
CAF-301538 \$4.95

PRI: 115/230 VOLT;
SEC: 54.4VCT 2.5A
37.5VCT 7.8A
6x5x4; 20 LBS.
SCHOTT TY4RX020A
\$12.95

PRI: 117v 50/60
SEC: 6500VCT
65MADC, 4350WV
5x6x7; 35LBS
539-6504 \$25.00

HIGH CURRENT CHOKES unused.
#622048C, 1 MHY 25 amps,
0.03 ohm DC resistance.
Size: 3x3x3, 5 lbs \$6.95
#6221188, 4 MHY 8.7 amps DC
0.08C ohm DC resistance.
Size: 4x2x2, 4 lbs \$4.95

1.5 HY 1.5 AMP
5000 v. TEST
8x8x6; 8 oz
SHPG. WT: 60 LB
5950-159-6041
\$14.95

12 hy 400 ma
100 ohm
2500 v test
6x5x4; 22LB
L217434 \$10

SWINGING CHOKE
12 hy 70 ma
375 ohm
2x2x1; 1lb
ADAB696 \$3

10 hy 75 ma
375 ohm
2x2x1; 1lb
ADAB696 \$3

1 hy 235 ma
80 ohm
2x2x1; 8 oz
#0146 \$2.00

AUDIO DEVELOP-
MENT COMPANY
CHOKES, all
2x4x2;
#90-7882, 80
Hy 25 ma;
1000 ohm, 1KV
test. \$4.50

#90-7881, 20
Hy 30 ma 250
ohm; 1500 V
test. \$3.00

#90-7884, 0.05
Hy 800 ma 2
ohms; 500 V
test. \$3.00

3.5 HY 500 MA
100 V. 60 cyc
30 OHMS 715WV
4x5x3; 10 LBS
TF1A04KA/A8649
\$2.95

20 HY 80 MA
320 ohms
2 kv insula
4x3x3; 7lb
#38054 \$4

STANCOR
CHOKES
#C-1412,
4 Hy 250
ma 60;
3 KV in-
sulation. 2x
3x3; 5 lbs.
Used, \$4.00

#C-2326, 1 Hy
300 ma 43 ohms
1500 V insula-
tion. 2x3x3;
3 lbs. NEW \$3.

PRI: 115 V 60 Hz
SEC: 32 VCT 20 A
#reed #32394
4x4x4, 15 lbs
#891-2489, \$20.95

3 PHASE DELTA
60 hz 400 wv
nominal 208 v
3phase
1940 wv
1370 v rms 52
ma rms per leg
5x5x4; 18 lb
686-6836 \$25

DUAL CHOKE
11 HY 100 MA
200 OHMS
4x4x5; WT 8
#3C557F-1
\$1.75

CHOKE; 2.5 HY
700 MA; 16
OHMS. SIZE:
5x4-3/8x4; 4;
SM WT: 17 LBS
#147-1340,
\$3.95

0 HYS 500 MA
45 OHM DC RES
500 WORK VOLTS
#5950-646-1383
\$5.95

PRI: 115 VAC 60 HZ
SEC: 280 VCT 75 MA; 13.5 V
1.2 AMPS; 5 VCT 3 A.
SIZE: 4x3x4-5/8; 16 LBS.
#193-8767 \$3.95

6 HY 175 MA 104 ohms, 3x3
x2, 5 lbs sh. #5950-241-
2664, \$4.00

AF CHOKE 5 HY 1 Vrms 1150
ohms; UTC #84517. 3x2 die
2 lbs sh. #3C328-31, \$3.00

PRI: 115/230 VAC
SEC: 650 VCT 70
ma, 6.3 V 3.8 A.
3x4x3, 7 lbs sh
#24626/TS1060 \$6.

PRI: 117v 50-60CYC
SEC: 3/5V CT @ 2A
2/5V CT @ 2A
2/2.5V @ 10A
7x4x3; WT. 12 LB
GILFILLAN #54148-1
PRICE: \$5.95

SPEED CONTROL
CONSISTS OF A
TRANSFORMER
IN BOX 115 V.
60 HZ. WITH
OUTPUT SELECT
OR SWITCH
MARKED OFF-HI-MED-LOW.
PLACED IN SERIES WITH A.C.
LINE & LOAD SELECTOR ALLOWS
100%, 40% OR 20% OF INPUT TC
LOAD, 100 WATTS. SIZE 4 1/2
X 4 1/2 X 3 1/2 61 LBS.
#230428 NEW \$2.95

IGNITION TRANSFORMER
PRI: 230v 50/60 CYC
SEC: 5000V 18 MA
ONE END GND.
6x4x3; 12 LBS.
5950-959-5369 \$7.95

PRI: 105/115/125
VAC 60 HZ
SEC: 285/300/315 V
300 ma; 285/300/
315 V 150 ma.
2500 WV; 4x7x4,
15 lbs. RA-342 \$9.

GY-2595 TRANS-
IT FRAME FOR
AT-903 antenna
Frames can be
stacked to
form tower
base; 38"Hx
30"Hx30"D,
35 lbs. Must be shipped
bus or truck--No UPS.
Use1, \$14.00 each; 3/\$35.

DAVIS DIMMER
AUTO TRANSFORMER
230 VOLT 60 CYCLE
1 PHASE WITH 5
48 VOLT
CIRCUITS THAT
CAN BE VARIED 0-
48 v. MAX. 20 A.
TOTAL.
SIZE: 10x10x7;
SHPG. WT: 90 LBS
#GR-3 \$19.95

TRIPLE
CHOKE
Each wind-
ing 10 mH
1 amp or
5 mH 2 amp;
1/2 ohm res, 60 WV
to gnd. 2x4x2;
4 lb. #3069 \$3.95

MULTI-VOLTAGE
ISOLATION TRANS.
PRI: 73/88/95/105/
115/125/190/210/
230/250. 50/60 CY
SEC: 17.6/35.2/189
193/196/200/203
@ 1.6 AMP.
9x4x7; 40 LBS.
229619-6 \$14.95

SWINGING CHOKE, 3.8/3.6 Hy
100/150 ma; 3 KV test. 4x
3x2, 4 lb. 3C323-6Z21 \$5.

DUAL CHOKE, 30 Hy 25 ma
1350 & 5 Hy 135 ma 150;
2x5x2, 3 lb. #6663, \$3.

TRANSFORMER WITH
METER 0-100 AC
AMPS.
PRI: 115 VAC 60CY
SEC: 10/14/19/24
W/ON-OFF SW. AND
FUSED LINE. 140 LB
SIZE: 16x8x15;
5950-537-4950
PRICE: \$39.50

PRI: 115 V 60
SEC: 500 VCT 1
ma, 600 VCT 1
ma, 6.3 VCT
Size: 5x4x3;
10 lbs
#MB-1281, \$5.

PRI: 120 v
60 CYCLE
SEC:
5.4v/2.7v
@15A
5VCT
@15A
WITH
INSU-
LATOR
& TUBE SOCKET C6
5x5x7; 15 LBS
5950-553-5572
\$14.95

DUAL CHOKE, 0.05H
500 ma 1.36 ohm;
3x4x2; 4 lbs sh.
#3C575Z-5 \$3.00

VARIABLE TRANSFORMERS

PRIMARIES 0-120,130,140 60
CYCLES. VARIOUS MANUFACTURE
USED. CHECKED. GUARANTEED.

1 AMP \$4.95 6 AMP \$24.
1-1/4 5.95 7.5 27.
1-3/4 6.95 15 37.
2-1/2 8.95 20 45.
3 12.95 50 95.
KNOBS & DIAL PLATES INCLD.

POWERSTAT TYPE 21, 0-130 V
4.5 amps; 7 lbs. Used \$21.
VARIAC V20 or W20, 0-135 V
20 amps; 30 lbs. Used \$45.

12 VOLT 60 HZ-input, 0-3.5
V 2 amps out. #5-1066, \$3.
VARIAC M-5/RMS11-2, 0-135V
@ 5 AMPS FROM 114 VAC 400
HZ INPUT. #7486, \$12.95

VARIAC M20BB 120 VOLT 350
20 AMP. MOTORIZED 115V400
#5950-089-7734 NEW \$65.00

115VAC 60HZ 9AMP GANGED
FOR TWO PHASE MOTORIZED
115VAC 60HZ CN-54/FST-1
USED, \$50. LESS MOTOR \$45.

POWERSTAT, 115v. 400/800HZ
OUTPUT: 0-130V
7.5 AMPS,
0.975 KVA.
#5950-518-
2508, NEW
\$13.95

OTHER VARIABLE TRANSFORMERS
AVAILABLE. WRITE YOUR NEEDS

KNOBS FOR VARIACS
2-3/8" dia. fits
3/8" shft. w/ptr.
Luxitrol, \$1.50

3 1/2" dia wheel w/
pointer; f/3/8 shft. \$3.95
4" d. wheel w/ptr. f/1/16"
d. shft. KNOB-35, used, \$3.

7 1/2" DIA. WHEEL-TYPE CONTROL
w/ALUMINUM POINTER; FITS
3" SHFT. POWERSTAT, \$5.95

DIAL PLATES, UNUSED.
4" DIA. 0-100 SCALE; 7/8"
DIA. CTR. HOLE, TAKES 3
SCREWS. #BP8087, \$1.00 EA

10" DIA. 0-100 SCALE; 1 1/2"
DIA. CTR. HOLE, TAKES 4
SCREWS. #BP653, \$2.50 EA

VARIAC OR RHE-
OSTAT CAGE;
SLANT FACE,
8x7x8x8
(BASE) AND 1 1/2
DEEP (TOP).
WITH 5" DIA.
0-100 DIAL PLATE, 3 BANANA
JACKS, RUBBER FEET. GREY.
OHMITE MFG. #6975, NEW, \$10.

INPUT: 115/220/440 VAC 60
Hz. OUTPUT: 0-120 V 1 KVA
1 @. In case w/0-150 VAC
meter, on-off sw, fused
circuits. 20x15x12, 200 lb
#CW-30983, \$50.00

AS-52/TRC-8 90° CORNER REFLECTOR, two 36"
x50" planes at right angles collapse and
fold into 30x3x8 package. Mounts on 2"
dia mast; 18 lbs sh. Unused, \$14.95
HALF-WAVE DIPOLE for AS-52; 230-250 Mhz.
50 ohm feed; N connection. 4 lbs sh wt.
#2A288A-35, used, \$6.95

AS-756/TRC TWO 3-ELEMENT
YAGI ARRAY for 40-100
Mhz, 5 db gain; vertical
or horizontal polariza-
tion. Consists of array spacer bar,
two antenna booms, and 12 each long,
short, and subassembly antenna elements.
Component lengths adjustable according to frequency:
spacer 58"-112", booms 72", and elements 40"-58".
Matching transformers are built-in into each boom. Also
includes 10x7x20 transit case and enough spare com-
ponents for third yagi. 185 lbs sh wt. Unused, \$125.00

ANTENNAS

MP-22 MAST SECTION MOUNTING BASE WITH SWIVEL THAT WILL TIP TO 90 DEGREES, RIGHT OR LEFT AND WILL LOCK IN THE VERTICAL POSITION. WILL TAKE MS-53 OR MS-54 MASTS AS THE STARTING SECTION. MOUNTING PLATE SIZE: 5x6 HEIGHT OF BASE 10". WT: 10LBS. \$4.95

MP-22A SAME AS ABOVE EXCEPT THE STARTING SECTION IS MS-51 AND YOU CAN ADD MS-50 & MS-49. \$4.75

MAST SECTIONS (shown to left) 3 ft. painted, copper-coated tubular steel. Sections screw together to make desired length. With MS-49 as top-then MS-50, -51, -52, and -53. MS-53 can be screwed into another MS-53 for added length. (MS-53 also screws into MS-54, -55, & -56, none of which are available.) Sections self-supporting to 15 feet. Taper 5/8" to 3/16"; 1 lb sh wt per section. May need paint but usable. MS-49-50-51-52, used 75¢ ea. Unused \$1.25 MS-53 section, used \$1 each. Unused \$1.50

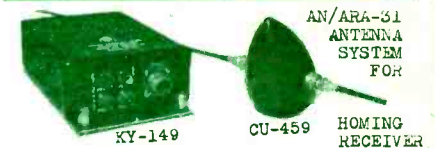
CW-206 ROLL BAG for MS-116-117-118 mast sections; 40" Lx3"Hx5"W, used, \$5.00

ANTENNA TUNING ASSEMBLY with two 20-400 pf 0.02" air gap variable capacitors. Each rotates 180° in 10 sec using 24 V 60 Hz and 4 mf 330 VAC capacitor (not included); can be adapted to differential use. 360° rotation actuates fixed capacitance in parallel over next 270° in 13 steps. 400 Hz servo motor runs on 24 V 60 Hz; intermittent 115 V 60 Hz required to engage fixed capacitance steps. W/schematic; 4x6 1/2 x 3 1/2, 5 lbs sh. #2-C1003/T-195, used, \$8.95

TBY GROUND PLANE ANTENNA designed for 72.5 MC. use but can be used on other frequencies. Radiator 39", radials 40". Brass & coated steel construction with SO-239 coaxial connector. Has universal wall mounting bracket that can also mount on pipe using "U" bolts. Shpg. wt: 15 lbs. COA-66089 \$10.00

AT-339/PRC-6 HOMING ANTENNA for use in the 38-55.4 MC range continuously tunable. Handheld unit has folding loop, 5-step output attenuator, 4' cable w/BNC conn. Loop is 24" high, collapsed 12x5x2 1/2 and comes in bag. wt: 6 lbs. \$10.00

ARA-31 HOMING SYSTEM



For use in the 24 to 49 Mhz FM range. Complete system consists of four AT-624 24" antenna elements, two CU-459 antenna element connectors, a KY-149 keying unit w/mtg. and one SA-474 switch box. BNC connections except for one reverse pole BNC. An/ARA-31 w/manual, new, \$50. AT-624 antenna element, \$8.00 each. CU-459 antenna connector, \$5.00 each. SA-474 switching box, \$6.00 each. KY-149 keying unit, \$25.00 each.

LP-21 LOOP ANTENNA, used with 200-1500 KHz radio compass receiver; has 24 V 400 Hz motor for rotating loop and autowyn to transmit to I-82 or similar indicator. Teardrop shape for aircraft; 30 lbs. \$25

AS-578/ARA ANTENNA for ARC-27-34-55 direction finding sets; 15 lbs. Used, \$25.

AS-315/ARN-6 ANTENNA LOOP for AN/ARN-6 radio compass system; 18 lbs. Used, \$15.

SPDT ANTENNA CHANGEOVER RELAY silvered contacts look good for 400 watts. 48 VDC coil has auxiliary SPDT contacts. Requires 3 - "N" connectors. 3x3 1/2 x 1, 2 lbs sh. Collins #123-C100-507, used, \$12.95 each

SPDT COAXIAL SWITCH rated DC to 5 Ghz, approx 1 KW. 28 VDC motor drives contact bar. Requires 3 - "LT" connectors (as used on RG-17 coax) and one 7-pin control connector. 6x6x9, 8 lbs; Thompson-Ramo #C14K2CA, unused, \$27.95

ANTENNA Relay; part of 30W 2 meter trans. SPDT with unused contact grounded, 60 vdc 15 ma. 4000 ohm coil. Three BNC connectors chassis, 2x1x2. unused #259-5165 \$7.95 2/\$15.00

WESTERN MICROWAVE ICL35A FERRITE ISOLATOR, 1.7 to 1.8 GHz; 17 db isolation loss, 0.7 db insertion loss. 2 watts ave. Has male and female type N conn. 2x3-3/8x1, \$15.

AUTOMATE COXIAL SWITCH, MODEL 94CSA, used with above isolator. Two separate 28 vdc spdt coils, ea. one side norm. gnd. Two female TNC & one type N conn. Size 3 1/2 x 1 1/2 x 3 used \$12.95 w/isolator \$25

CHOPPER RF CHOPPER USED IN ANTENNAS TO SAMPLE BETWEEN SENSE AND REFERENCE ANTENNA. USES TWO 100 Hz ±5% COILS; CAN BE ACTUATED MANUALLY WITH DC VOLTAGES. HAS TWO UG-88 CONNECTORS ON 15" CABLES AND UG-290 BNC OUTPUT CONN. 4-3/8x3x2; SH WT: 3 LBS. REMOVED FROM EQUIP. #354-1013-00, \$2.95

ANTENNA's from CANADA: UHF-type for 243 Mhz approx. 23" lg; screws into hard rubber base that mounts onto a mounting base. Rubber base has provision for Canadian coax fitting. Aerial #9 w/24" base, \$5. ZA-3143 COAX, 5' w/connectors, \$1. Cone-shaped aerial base #8, hard rubber, 5" dia. X 4" h. With 96" whip antenna. #PC-8-96, \$8.50



ADAPTER BASE WITH INSULATOR, MAST SECTIONS MS-52 OR MS-53 WILL SCREW INTO THE TOP, AND ADAPTER BOTTOM WILL SCREW INTO MS-52 OR MS-53. CAN BE USED TO ISOLATE SECTIONS OF WHIP OR DIPOLE. SIZE: 1 1/2 x 8; 1 1/2 LB. NT-66023 \$1.95

FT-250 MOUNTING BASE for BC-620 & -659 transceivers; 18 lbs sh wt. \$20. CO-278 CORD 8' unused \$4

MP-41 MAST BASE bracket for all mast bases which need 2" hole mounting. 8x14x10, 7 lbs. \$5.00

AB-15 BASE FOR WHIP ANTENNA SECTIONS MS-116-117-118 ALSO AB-21-22-23-24. SPRING ACTION WITH INSULATOR 3 1/2 x 3" AND COAXIAL CONNECTOR FOR USE WITH PL-259, REQUIRES 2" HOLE FOR MOUNTING. SIZE 15 x 3 WT: 2 LBS. \$4.95

WHIP ANTENNA MAST SECTIONS FOR USE WITH AB-15. MS-116 13" LARGEST, 39 3/4" X .393" DIA; CAN BE STACKED. MS-117 & -118 TAPER 39 3/4" L. MS-116 OR -117, \$2.50/sec. MS-118 \$2.50

CU-92/APN ANTENNA COUPLING UNIT is a impedance matching device enabling the operation of 2 receivers from one ant. has one SO-239 & 2-binding posts and tuning adjustment 500 KHz-4 Mhz, \$3.95

A-62 Dummy Load for SCR-508-528-BC-604 \$5
A-83 " " " " 608-628- " 683 \$4

AS-27A/ARN-5 Horizontal folded dipole used on BC-733, ARN-5 Receivers 108-110 mhz etc. \$10

AT-2/APN-2 DIPOLE ANTENNA, 150-180 Mhz \$5.00
AT-438/GR DIPOLE ANTENNA 15" folded, takes PL-259 coax. conn on insulated bracket. \$15

ANTENNA WIRE SOLID COPPER #10 VINYL COVERED, 250 FT #4884C \$25

MP-54 OFF-SET BASE FOR AB-15; 50A LINE FEED. USES OFFSET 7" TYPE "N" FROM BASE CONNECTOR. CTR. 1 1/2"H. #2A288A-35 \$7.95 \$6.95

VIS-O-GLOW NEON LIGHTNING ARRESTORS, #4392, \$1.00 EA.

B&W 1KW BALUNS, the missing link between balanced antenna loads and unbalanced feed lines. 4x4x4 1/2; unused. Model 702 (20 meters) \$6.95 #700 (10M) or #701 (15M) \$5

MP-57 MAST BASE WITH COIL SPRING & LARGE INS. FOR USE W/MS-49 TO 53 MAST SEC. LISTED TO LEFT, 1 1/2"Hx4 1/2" INSULATOR, REG. 2" HOLE MTG. (c-MP-50) \$10

AB-243 CORNER BRACKET f/MP-48, -57; AB-15 bases. (See pic with AB-15.) 7 lbs. \$7.
MP-60 BRACKET f/2" insulator \$6

CG-1013 TRANSMISSION LINE LAUNCHING UNIT WITH HEATING ELEMENT INSIDE. ALUMINUM W/CONICAL FIBER GLASS SHIELD OVER ELE. COAXIAL CONN. FOR UG-100 PLUG, 33" LG. 8" DIA. 10 LBS. \$5

RG-14A/U COAXIAL CABLE 51 OHM #10 W/UG-100 & UG-707 10' \$7.50 15' \$10

ANTENNA HORN
AT-903/G ANTENNA FEED HORN f/600-1850 Mhz range. 50 ohms impedance; type C connection. Has locking 11-position elevation adjust. Fits 2 1/2" dia. mast. Aluminum. 35"Lx26"Hx21" 40 lbs. Shipped via truck only. Used, \$35.00

AT-271/PRC whip antenna, throw-out type 8 1/2 sections with spring loaded retaining cable to keep sections together in contact, folds up when not in use. \$5

AT-272 Goose neck flexible base 8" used with flat antenna on PRC sets. \$2.

MT-652/GR ANTENNA BASE f/MS-116-117-118; fit; RT-66-67-68-70, R-108-109-110. Used \$5.

CU-510A8 WHIP ANTENNA Telescoping, 7 ft. extended, 15" collapsed. \$2.50

AN-109 WHIP ANTENNA 5 FT. tapered \$1.50

AN-119 " " " 6 FT. \$1.50

MP-74 GOOSENECK BASE for MS-118/AB-23 Mast Sections, 14" lg. w/spade type bracket for side mounting. \$2.00

M-422 ADAPTER for using MS-116/AB-23 sections with PRC & BC-1000 as long ant. \$2.00

AN-190 HANDHELD LOOP ANTENNA for SCR-536/BC-611 Radio Set. Similar to AT-339 \$12

210 TO 620 MHZ DIPOLE

AT-880 DIPOLE ANTENNA WITH CORNER REFLECTORS AND TWO FREQUENCY BANDS: 210-420 Mhz (LO) AND 390-620 Mhz (HI). 300 WATTS POWER RATING; LESS THAN 2/1 SWR OVER RANGE. INPUT IMPED: 50 OHMS. ADJUSTABLE ELEMENTS SPREAD FROM 12" L X 7" W TO 21" L X 15" W. DIPOLE STANDS 14" OF MOUNTING BASE. TWO REFLECTORS ARE AT 45° ANGLE TO DIPOLE, 32" HIGH AND 40" ACROSS. FOLDS TO 32x7x30. MOUNTS ONTO 2" DIA. MAST; 35 LBS. SHIPPABLE VIA BUS OR TRUCK ONLY. USED, \$24.95;

AB-101 MAST SECTIONS FOR ANTENNA SUPPORT. STEEL MAST 2" OD. 5 1/8" LG. SWAGED END AND KING DEVICE. SOLD INDIV IN SET OF SEVEN WITH CARRY. WEIGHT 100 LBS. PRICE USED \$50.00

MX-364 INSULATOR, FITS OVER 1-3/8" DIA. MAST OTHER END 1-3/8" OUTER DIA. \$1.95

AB-154 BASE WITH SWIVEL STAKE, 1-3/8" DIA. SLIPS INTO MAST SECTION. \$1.95

MX-857 ADAPTER, FITS OVER 1-3/8" DIA. MAST F/USE OF MS-116-117-118 WHIPS. \$1.95

MX-GUY ROPES ARE 3/16" NYLON, 800 LB. TEST, W/ADJUSTMENT HARD. INSULATOR & HOOK.

MX-381 GUY 40 ft. with attachments \$2.00
MX-382 GUY 31 ft " " " \$2.00
MX-1469 " 44 ft " " UNUSED 5.00

MX-378 GUY RING FOR FASTENING GUYS AND IS USED BETWEEN THE MAST SECTIONS \$0.50

GP-2 STEEL GUY STAKE, 1 1/2"Lx3/4"DIA. 1-1/8" HEAD, 1-3/8" POINT. 2 LBS. 85¢ EA. 4 FOR \$3.

CABLES

NEW COAXIAL CABLE

NEW MANUFACTURE AND BRANDED WITH STANDARD TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-BETWEEN LENGTHS USE THE HIGHER PRICE. LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

COAX	100	500	1000	5000
RG-#	Ohms	feet	feet	feet
RG-8/U	52	.22	.21	.20
RG-11/U	75	.20	.19	.18
RG-58/U	53.5	.11	.10	.09
RG-59/U	73	.12	.11	.10

Prices subject to change without notice.

NEW COAXIAL CONNECTORS



SO-239 59¢ ea. 10 or more 55¢ ea.	PL-259 69¢ 10 or more 65¢ ea.	CH-259 75¢ ea. 10 or more 70¢ ea.	PL-258 JUNCTION \$1.25 ea. 10 or more \$1.10 ea.
#83-876, two screw mount	#83-58FCP, short barrel PL-259	UG-536 "N" conn. for RG-58, 50¢	

COAX CONNECTORS

CONNECTORS & ADAPTERS: (m) male, (f) female, (bulk) bulkhead, (rec) receptacle, (r/a) right angle; (U) used, (Un) unused.

TYPE BNC: UG-88 m (RG-58) U-45¢ ea, 10/44.
 UG-89 f (RG-58) U-75¢ UG-909 bulk U-\$.1
 -306 90 m-f Un \$.2. -911 bulk Un-\$.2
 -260 m (RG-59)U-65¢ -913 m r/a Un-\$.2
 -273 to UHF Un-\$.2. -1090 to post U-\$.2
 -282 to post \$1.50. -912 bulk Un-\$.2
 -290 f rec U-65¢ -1441 to two banana jacks U-\$.33.

TYPE C: UG-573 m (RG-8) U-\$.150 each.
 UG-710 m r/a Un-\$.3
 -643 f-f U-\$.150 -943 (RG-12) U-\$.3

TYPE N:
 UG-18 (RG-21) Un-\$.2. UG-201 to BNC Un-\$.2
 -27 m-f r/a Un-\$.2. -536 (RG-58) Un-\$.1
 -29 f-f Un-\$.150 -58 f chas U \$.150
 -30 f-f bulk Un-\$.2. -997 r/a rec Un-\$.4
 -21 m (RG-8) U \$.175

OTHERS:
 UG-100 m U-\$.150 DA-113 duany U-\$.5
 -100 panel U-\$.150 UG-160 pulse f U-\$.2
 -109 f/UG-100 \$1.50 -212 HN r/a Un-\$.3
 M-359 elbow: PL-259 to SO-239, U-40¢ Un-75¢
 UG-175: reduces PL-259 for RG-58, NEW 35¢
 -176: " " " RG-59, NEW 35¢

RG-8 COAX

100' RG-8/U COAX w/two PL-259's not wired; 13 lbs. #CB-RGS NEW \$19.95

COAX with connectors from test sets; used-guaranteed usable:

RG-9 w/two UG-573 "C" conn., 13", \$2.50
 RG-14 51 ohms w/UG-100 & UG-707; 10', \$2.00
 RG-21 w/ UG-626 & UG-630 "C" conn; 37', \$3.
 RG-58 w/two UG-88 BNC conn., 4' min., \$2.25
 RG-59 w/male & female "N", 50', #CG-357, \$3.

WIRE SALE

Vinyl-covered HOOK-UP WIRE - many colors. NEW.
 #18 stranded, \$3/100' #14/1K \$50/5K
 #18 solid (black), \$3/100' #15/1K \$55/5K
 #26 solid, \$6/500' \$2/1K \$30/5K
 #24 SHIELDED, braid covered over vinyl jacket; stranded: \$3.50/100' \$25/1K \$85/5K

AIRCRAFT-TYPE WIRE, nylon insulation w/braid covering; silver-coated wire & shield:
 #22 stranded 100 feet \$4.50; 1000 ft \$35.00

COMPUTER CONTROL CABLE, 15 stranded, tinned 24 AWG conductors; color-coded vinyl insulation. Gray jacket; not shielded.
 \$26/100' \$115/500' \$195/1K' \$800/5K'



CX-263/G CABLE w/U-226 waterproof and locking connector. 10¢ cable has 5-19 AWG copper and steel stranded pairs. U-226 contacts gold-plated; can be rewired for 12 AWG. U226 mates to U226. 4 lbs. \$6.95

AMPHENOL

Sale!

RF and AUDIO CONNECTORS, all new package; Male (M), Female (F)
 RNC quick assembly:
 #31-4700 50 (M) \$1.
 -4701 50 (F) \$1.
 #81-4702 70 (M) \$1.25; -4703 70 (F) \$1.25

UHF-types: #82-23 (M) to (F) w/ground, \$1.50
 #83-55PA, press male to (F) adapter, \$1.25
 #83-58FCP, short barrel PL-259 f/RG-58, \$.50
 #83-876, two hole flange mount SO-239, \$.50
 #83-877, adapter with PL-259 each end, \$1.25
 #83-878, single hole mount SO-239, \$.60
 M-358, adapter "T" 2-(F) to (M), \$1.75
 #81-103 mini plug or #81-104 mini jack, \$.50

MICROPHONE CONNECTORS, all males 1/8" diameter

#80-23 press fit 60¢	80-872 lock ring \$1	80-876 extended pins 60¢	80-878 lock ring \$1	80-886 threaded barrel \$1
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PRC-77 MODULES

p/o 30-75.95 Mhz FM backpack transceiver. Sold "unused-as-is" with schematic but less covers:
 #A36-PRC77 transmitter P-A, \$10.
 #A38-PRC77 transmitter VFO, \$9.

RIBBON INDUCTOR



VARIABLE RIBBON INDUCTOR with motor drive; p/o Collins 180L antenna tuner. Consists of two 5.4"L x 3.375" dia coils with 288" of drawn silver ribbon (.0125" w x 0.01" th) wound between; approx 28 uH. Ribbon is transferred from one coil to the other as a 28 VDC motor turns both. O/A 9 1/2"x5 1/2"x5 1/2", 10 lbs sh wt. #I401/CU-991, removed from equipment, \$29.95

ROTARY INDUCTOR, 103 uHy; 61 turns #10 tinned-copper wire form 8 1/2"L x 3-3/8" dia. coil. Sliding contactor type; with coupler for 1/2" dia. shaft. Overall size: 8x8x14, 23 lbs sh wt. #939-16-LG, removed, \$25.00

ROLLER INDUCTOR, 5.5 uHy; 11 1/2 turns #12 T-C wire in 1 1/2"L x 2" dia. coil. Roller contacts; less coupler. Shaft 3/8"L x 1/2" dia. Overall: 3x4 1/2"x4 1/2", 8 lbs sh. #939-11.5-S, \$10.95

ROLLER INDUCTOR, 1.3 uHy; similar to above, but 5 1/2 turns #12 wire. #939-16-SM, \$6.95

ROTARY INDUCTANCE TUNER COIL THIRTY TURNS OF TINNED COPPER WIRE AROUND A 2" DIA. x 3" DIA. ISOLANTITE FORM; 23 U-HY 100 WATTS APPROX. 1/2" DIA. SHAFT FOR COUPLING. SIZE: 5x3x3 1/2; SHPG. WT: 3 LBS. #AC55471, \$10. CERAMIC FLEXIBLE COUPLINGS, see page 29

100-TURN COUNTER WITH SPIN KNOB. THREE DIGITS: 000 TO 999. HAS COUPLER FOR 1/2" DIA. SHAFT; NO FRONT MOUNTING PLATE. OVERALL LENGTH: 6 1/2". DEPTH REQUIRED BEHIND YOUR PANEL: 4 1/2". 2 LBS. SN. #1323-COUN, \$5.95

618S-1 POWER AMPLIFIER, p/o Collins 2-25 Mhz 100 watt transceiver. Has 12.3 uH roller inductor; coil 3 1/2"x1 1/2" dia with 27 turns #14 silver-tinned wire rotated by 115 VAC 400 Hz selsyn. Also ten Centralab 850 HV capacitors 10 pf, 50 pf, 7/100 pf, and 1000 pf. Big silver contacts on ceramic switch; uses three 6159 tubes. 11x5x6, 10 lbs #3496/618S-1, less tubes, \$22. With tubes \$3C MATING CONNECTORS, 2 required, \$2.50 each. SCHEMATIC for 618S-1 power amp, \$1.50

TRANSMITTING CAPACITORS

MICA TRANSMITTING CAPACITORS, G-SERIES TYPE IN USED OR UNUSED CONDITION DEPENDING UPON A VALUE'S AVAILABILITY. VARIOUS MANUFACTURERS. SATISFACTION GUARANTEED OR PURCHASE PRICE WILL BE REFUNDED. OTHER VALUES IN STOCK. WRITE.

TYPE	KV	MFD	KV	MFD
G1, 2 1/2" h x 2 1/2" dia., wt: 3 lbs.	1.0	0.04	6.0	0.0001
	1.5	0.08	6.0	0.00024
	3.0	0.02	6.0	0.0006
	4.0	0.0062	10.0	0.00015
	5.0	0.00015	5.0	0.008
G2, 3 1/2" h x 3" dia., wt: 5 lbs.	2.0	0.03	10.0	0.0002
	2.0	0.045	10.0	0.00057
	10.0	0.00015	15.0	0.0002
G3, 5" h x 4" dia., wt: 8 lbs.	2.5	0.15		
	5.0	0.02	20.0	0.000051
	6.0	0.006	20.0	0.00015
G4, 5" h x 5 1/2" dia., wt: 12 lbs.	4.0	0.084	8.0	0.012
	4.0	0.1	10.0	0.02
	6.0	0.024		
	6.0	0.0373		
G5, 10" h x 6 1/2" dia. wt: 22 lbs.	10.0	0.02	35.0	0.0005
	15.0	0.0068	35.0	0.0004
	15.0	0.0082	35.0	0.001
			35.0	0.0017

MOTORS

115 VOLT AC-DC MOTOR, starts at 15 VDC; runs counter-clockwise. 3" dia X 5 1/2" lg plus 5/16" dia X 1-1/8" lg threaded shaft. 5 lbs sh. #AC-DC-R102, unused, \$4.95
 115 V AC-DC MOTOR, starts at 25 VDC, runs clockwise. 2 1/2"x5x4 1/2 plus 5/16" dia X 1 1/2" long machined spiral sht. 3 lbs. #AC-DC-H102, \$3.

27 VDC 10 AMP 250 RPM MOTOR with brake which actuates when DC input is approx. 5 volts. Duty cycle 30 sec on, 300 sec off. O/A 2 1/2"x2 1/2"x6 1/2 plus 7/8" long X 3/8" dia. shaft. 5 lbs sh. #2312-6, \$7.95

BODINE 1/12 HP GEARHEAD MOTOR, 115 VAC 60 Hz 2 amp motor, 1725 RPM. Gearhead: 175 RPM 10:1 ratio, 21 lbs torque. Overall size: 9x 5x5 1/2. Gearhead shaft: 2-3/8" lg X 5/8" dia. 22 lbs. #NS1-53R \$25

GE #5BC48AB50A 1/2 HP DC SHUNT COMPOUND MOTOR, armature 115 VDC 2.1 A; field 40 VDC 1.2 amp. 1140 RPM. Double end shaft 2x5/8 and 4x5/8" dia. Casing 1 1/2"x6 1/2" dia. 60 lbs sh. Used \$35.

160 RPM DRIVE UNIT w/clutch has Globe C-25A512 27 VDC 15000 RPM motor and 27 VDC clutch assembly. Motor operates with good torque over 5 to 27 VDC. 160 RPM output on 3/16" dia X 1 1/2" lg shaft. O/A 3 1/2"x4 1/2"x3 1/2, 3 lbs. #160DRV/618 used \$8.95

100 RPM 12 VDC GEAR MOTOR, output at 3/8" x 1/8" bar which would mate with slotted shaft (not included). Also 3400 RPM available on 5/32" dia x 1 1/2" lg shaft. O/A 5 1/2"x2 1/2"x2-3/8; 3 lbs sh. #LEE-11152S unused, \$8.95

SMALL RECORDER FM MOTOR, operates 4 to 12 VDC, reversible. 1/8x3/32" dia shaft; O/A 1 1/2"x1 1/2" dia, 1 lb. #R-357141, NEW \$2.; w/pulley \$2.25

DUAL SPEED OPEN FRAME MOTOR, USED WITH RECORDING UNITS. 115 VAC 60 Hz; 2000 and 3000 RPM. 3/16" DIA. SHAFT EXTENDS BOTH SIDES WITH PULLEYS FOR BELTS ONE SIDE. MOTOR SIZE (LESS SHAFT): 2 1/2"x2 1/2"x2. SHPG. WT: 4 LBS. #TM-381, UNUSED, \$3.95

HEAVY DUTY TAPE RECORDER MOTOR 115 VAC 60 Hz, 1500 RPM. MOTOR SIZE: 3 1/2"x3 1/2"x2 1/2, SHAFT 1 1/2"x5/16" DIA. WT: 5 LBS. STK. #D6-20220 UNUSED, \$5.95

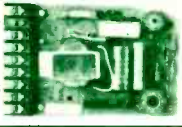


HAND-CRANK MAGNETO GENERATORS OUTPUT APPROX. 100 VOLTS DEPENDING ON SPEED OF ROTATION. USED TO RING BELLS IN TELEPHONE LINES. CAN BE USED FOR WORM SHOCKER AND OTHER EXPERIMENT. SIZE 4X2 1/2 WT: 1 LB. COND. USED G-25 \$7.95; G-42 \$10.00



DC AIRCRAFT MOTOR; GE#5BA-50LJ29, 0.4 HP, 3000 RPM. ARMATURE: 60V. @ 2.3 AMPS FIELD: 27 VOLTS @ 6.5 AMPS DUTY: 10 MIN. @ FULL RATING. SHAFT IS CORKSCREW-TYPE 5/8 INCH DIA. FLANGE MTG. 3/8 CENTS. BODY SIZE: 6 1/2 X 4 1/2 X 4 1/2 WT: 11 LBS. \$4.95

VARIABLE SPEED DRIVE CONTROL USED WITH MOTOR AR No. E-83-132. GE#3S750RJ750A1, FIELD 100 VDC ARM., 140 VDC., 2.6 A INPUT 230 V. 50/60 HZ. 5 LBS. Unused w/schematic \$15.00



JOHN OSTER TYPE C-24A-1B KS-5829 SERIES MOTOR; 27 VDC, 0.01 HP, 7000 RPM. SIZE: 3x2 DIA.; SHAFT: 1x1/2 DIA. WT: 1 LB. UNUSED, \$2.95

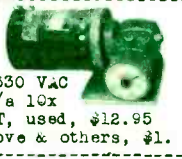


GE#5PR56HCM 110 v. 2.3 A 8000 RPM. INT. 1/10 H.P. 50/60 CYC. REV. SIZE 3x5, SHAFT 3/16x1 STK.#3H3000B2 5 LBS. N.\$12.95

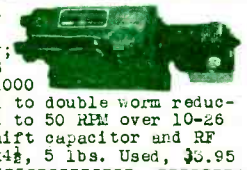


DICTAPHONE #7CB-2P; 115 v. 60 c 1/60 HP. 1740 RPM, SIZE 3x3, SHAFT EA. END 1/2x3, 2LB.N \$9.95

GENERAL ELECTRIC GEAR MOTOR 150 RPM 115 V 60 Hz 3 amps, reversible; torque 50 in-lb Gear ratio 10.67 55 C intermitent duty. Requires 4 mf 330 VAC capacitor (not included). O/a 10x 4 1/2x6, 15 lbs sh. #5KCP19354T, used, \$12.95 4 mf 330 VAC capacitor f/above & others, \$1.



MD-34/ARA-8 MODULATOR-KEYER, p/o automatic homing keying assembly; contains Oster BT-2-13 28 VDC shunt motor, 12000 RPM 1.1 amps connected to double worm reduction with output of 32 to 50 RPM over 10-26 VDC. Also has phase shift capacitor and RF UHF connectors. 3 1/2x10x1 1/2, 5 lbs. Used, \$6.95



28 VDC 12000 RPM MOTOR f/ARC-3 set. Removable worm gear; shaft 1"x3/16" dia. O/A 3" x 1 1/2" dia. #697-2644, \$5.95

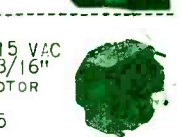


HAND CRANK GENERATOR AS USED IN GIESON GIRL RESCUE TRANSMITTERS OUTPUT 28 VDC @ 175 MA & 300 V @ 30 MA. WHEN CRANKED AT 60 RPM GEAR RATIO APPROX. 72 TO 1. NO LEGS SEAT OR MOUNTING. #GEN/CRT-3 RE-MOVED \$10.00

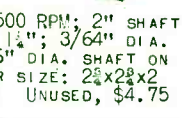
HYSTERIC SYNCHRONOUS MOTOR 115v 60Hz, 1800RPM, CONT. 1/8HP FL. MTG. 7", SHAFT 2 1/4"x3/16". SIZE 6x5, CAP. ST. USED 25LB. BODINE#NCH-54 OR EQUAL \$25.00



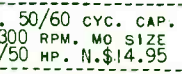
RECORDER MOTOR, 1500 RPM; 115 VAC 60 HZ, DOUBLE END SHAFT, 3/8x3/16" DIA. & 1/2x3/16" W/PULLEY. MOTOR SIZE: 2 1/2x2 1/2x2 1/2 WT: 2 LBS. STK. #G140700 UNUSED, \$4.95



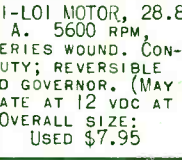
RECORDER MOTOR, 1500 RPM; 2" SHAFT IS 3/16" DIA. FOR 1 1/2"; 3/64" DIA. LAST 1/2". 3/8x3/16" DIA. SHAFT ON OTHER SIDE. MOTOR SIZE: 2 1/2x2 1/2x2 WT: 2 LBS. #602-1 UNUSED, \$4.75



EAD/WE KS-5718; 115 v. .27 A. 50/60 CYC. CAP. REQ. 4 MFD. DUAL SPEED 2750/3300 RPM. NO SIZE 3 1/2x3, 4 LBS. SHAFT 5/16x1, 1/50 HP. N.\$14.95



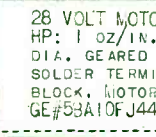
WE KS-5871-LOI MOTOR, 28.8 VDC @ 3.3 A. 5600 RPM, 0.04 HP SERIES WOUND. CONTINUOUS DUTY; REVERSIBLE WITH SPEED GOVERNOR. (MAY ALSO OPERATE AT 12 VDC AT REDUCED SPEED. SHAFT 3/8x1, OVERALL SIZE: 6 1/2x3 1/2 DIA. SHPG. WT: 7 LBS. USED \$7.95



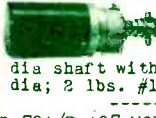
MOTOR DRIVE ASSEMBLY f/vacuum variable capacitor. Uses 1/100 HP 15000 RPM 28 VDC motor (2"x1 1/2" dia.) Has worm drive from motor to a series of gears geared to a 2" lever arm with vertical motion. Also has limit switches and Cinch DA-15 15-pin connector. O/A size: 8x 3 1/2x2 1/2, 3 lbs sh. #DRV501/CU991, used, \$7.95



PD-5/ARA-19 TUNING DRIVE, p/o ARN-6 remote tuning system. Uses 27 VDC 250 RPM Delco PM motor. Also 10-turn 1000 ohm linear pot driven by gear from the motor. Output with female MC-124 spline shaft. Motor shaft 3/8" long X 1/8" dia. O/A 5 1/2x4 1/2x2 1/2, 4 lbs sh. Used, \$9.95 Mating conn. \$2.50; MC-124 spline, 20", \$1.50



28 VOLT MOTOR, 135 RPM; HP: 1 oz./IN. WITH 5/16x2" DIA. GEARED SHAFT; HAS 4 SOLDER TERMINALS ON 1X1 1/2 BLOCK. MOTOR SIZE: 5x1-7/8 DIA. WT: 1 LB. GE#5BA10FJ444 USED, \$7.95



GLOBE 24 VDC GEAR CASE PM MOTOR, 80 RPM @ 12 VDC/180 RPM @ 24 VDC; 1/2" dia shaft with gears. O/a 5 1/2x1 1/2 dia; 2 lbs. #102A390, \$10.95

B-701/R-107 MOTOR FROM AS-313/ARN-6 LOOP ANTENNA. OPERATES FROM 26 VOLT 400 HZ @ 2750 RPM. WILL OPERATE FROM 12 60 HZ. SIZE: 3x2 1/2x3 WITH 3/8" GEAR. WT: 2 LB. Price: Used, \$1.95



HOLTZER-CABOT #1981-HC 120 VAC 400 Hz GEAR MOTOR, 6 RPM with 40 oz.-in. torque. Shaft 1/2" long x 0.2" dia. Overall size: 2 1/2x2 1/2x3, 3 lbs sh. #1981-HC, unused \$14.95

DELCO PM MOTOR 5067125, 27.5 vdc, 10,000 RPM. TWO GOVERNORS, TAPERED SHAFT 3/16x1/16" DIA. MOTOR SIZE: 3x1x1 WT: 5 LBS. \$3.95



MOTOR W/RIGHT ANGLE SHAFT & MOUNT, 1/8 HP 230 RPM. SHAFT SIZE: 5/16" LONG X 3/8" DIA. CLEARANCE BETWEEN SHAFT AND MOUNTING ABOUT 1" REQUIRES 115 VAC 60 Hz @ 1.9 AMPS. SIZE: 7x3 1/2 DIA. WT: 15 LBS. ROBBINS & MEYERS #KL-H330, \$12.95

D.C. LINEAR ACTUATOR UNIT; ARM TRAVELS 2", AT END OF TRAVEL ARM ROTATES, 24VDC, 1AMP MAX, WILL OPERATE AT LOWER VOLTAGE. SIZE 3 1/2x7 1/2; 2 LBS. P.M. TYPE MOTOR ASSY. #554125 USED \$9.95

D.C. LINEAR ACTUATOR; 26 VDC 2A. 400 RPM. 45 OZ IN. TORQUE, APPROX. 2" ARM TRAVEL ON THREADED SHAFT, REQUIRES LIMIT SWITCHES, HAS NO PROVISION FOR OVER TRAVEL. HAS BRAKE FOR FAST STOP. SIZE 5x1 1/2 IN. GE#5BA10FJ450 USED \$8.95

JOHN OSTER 10 CFM BLOWER WITH MOTOR C2BP-1A. 27.5 VDC 0.01 HP, 6000 RPM. SIZE: 3 1/2x3 1/2x4 1/2 WT: 4 LBS. USED \$3.95



28 VDC BLOWER, 6200 RPM WITH THE OPTION OF EITHER A SHUNT MOTOR TYPE OR PM MOTOR. SIZE: 3x2 1/2x3 SHPG. WT: 4 LBS. BLOWER WITH PM MOTOR \$6.95



200 RPM 32 V 60 Hz GEAR MOTOR, has shaft 1"x1/2" dia and 3/16" dia shaft for fan. For intermittent use, increased voltage increases torque. O/a 5 1/2x5x2 1/2, 3 lbs. #MUL-2460, unused, \$3.25



120 RPM 115 V 60 Hz GEAR MOTOR, 1/2" d shaft w/plastic gear. 4x3x2 1/2, 3 lb. #ZGM30108, \$3.50

VICKERS AR-10007G 115 VOLT 50/60 CYCLE SELENOID OPERATED AIR VALVE ONE INLET ACTUATES TUBE PLUNGER 1" STROKE. USED SIZE: 6x4 1/2x2 1/2; 5 LBS. \$18.00



RAY-201 SYNCHRO CONTROL TRANSFORMER, similar to AY-201; rotor 26 V 1 phase, stator 11.8 V 3 phase 400 Hz. Shaft 1/2x1/16" dia. O/A 1 1/2x1 1/2 dia. Removed from equipment, \$4.00

AY-165 AUTOSYN DIFFERENTIAL, 400 CYCLE, 11.8 V. 3 PHASE ONE TO ONE RATIO. BENDIX & OTHERS. SIZE: 1 1/2x1 1/2. PRICE: REMOVED FROM EQUIP. \$2.95 AY-231 AND AY-232 SAME SPECS. AS ABOVE.

15CX4 TRANSMIT 115 VAC 400 Hz, used, \$4.95 15RG4L RESOLVER 26/11.8 V 400 Hz, used \$4.95 23CX4 TRANSMIT 115 VAC 40 Hz, used, \$8.95 23CX6 TRANSMIT 115/90 V 400 Hz, used, \$10.00 23CT4 CONTROL/TRANS 115 V 400 Hz, used, \$8.95 23CT6 TRANSFORMER 90/1 V per degree 60 Hz \$10

SELSYNS 2J1G1 SELSYN CONTROL TRANSFORMER, 57.5 VAC 400 Hz; usable in pairs for remote position indication and light duty turning applications. Operable from 24 V 60 Hz with good resolution and torque. 1/2" long shaft tapered 1/4", then threaded 1/4". O/a 4 1/2x2 1/2 dia; 2 lbs. #2J1G1, less connector cap \$7.50; w/cap \$9.50 MK II SIZE 6 SELSYNS, 115 VAC 60 Hz; sold in mated pairs for rotational and position-indication uses. 7 1/2x4 1/2 dia, 12 lbs/pair. Used-checked, various manufacturers, \$45/pair SIZE 5 SYNCHRO DIFFERENTIAL RECEIVER, 115 VAC 60 Hz; used to show the sum or difference of two angular motions. 5 1/2x3 1/2 dia, 5 lbs. \$10. OTHER SELSYNS AVAILABLE. WRITE YOUR NEEDS.

2J1H1 SELSYN DIFFERENTIAL GENERATOR NORMALLY OPERATES FROM 57.5/57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 26 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM ON PAGE 31. SIZE: 2 1/2x4 1/2; WT: 8oz. PRICE WITH CONNECTOR CAPS.....\$3.95

DAYSTROM TRANSCOIL CONTROL MOTOR 115 VOLT 60 CYCLE, 1 PHASE, 2 PHASE 200 VOLT CT. 3200 RPM. SIZE: 2 1/2x2, SHAFT SIZE: 1/16x1/2 WITH GEAR. REMOVED FROM NEW EQUIP. PRICE: \$5.00

AY-101 AUTOSYN, rotor 26 V 1 phi, stator 11.8V 3 phi 400 Hz; similar to AY-201. Used, \$4.00 AY-177-B1 DIFFERENTIAL, 11.8 V 3 phi 400 Hz, 3 phi ratio 1:1; same as AY-231-232. Used \$4.

MAGNESYN TESTER MAGNESYN FIELD TESTER, Type B-1 mfgd. by Aeromath Instrument for 26 V. 400 Hz magnesyns. Has calibration charts for magnesyn usages: manifold pressure, torque pressure transmitters, torque pressure, fuel, oil, burner or water pressure, liquid level, and fuel flow. 3" indicator for setting electrical zero (EZ) and switch. Also short cable with male and female 4-pin connectors. Size: 6x10 1/2x5 1/2, 8 lbs. sh. Unused, not checked, \$25.00



LINEAR ACTUATOR, STAT. 200, TENS. 40, COMP. 40. ARM TRAVEL 5/16". MOTOR 115V. 400 HZ, 1600 RPM. DUTY 1/10, 0.04 HP. TORQUE: 6.7 IN-OZ. SIZE: 5x5x3 1/2 WT: 5 LB. AIRSEARCH#34930 USED \$3.95

LINEAR ACTUATOR, STAT. 200, TENS 75-100, COMP. 75-100. ARM TRAVEL 1/2". MOTOR 115V. 400 HZ., 0.025 HP 6500 RPM. DUTY 1/10, TORQUE: 3.9 IN-OZ. SIZE: 5x8 1/2x4 1/2 WT: 5LB AIRSEARCH#30146-120 USED \$3.95

RATCHET MOTOR, 24 VDC 60 RPM CONTINUOUS. ALSO THREE POSITION STOP. BAND SWITCH ASSEMBLY AS USED IN R-5/ARN-7 COMPASS RECEIVER. UNIT WILL ALSO OPERATE FROM 18 TO 24 VDC. SIZE: 3x4x1 1/2 WT: 2 LBS. #609-ARN-7 \$1.25

DC STEPPER MOTOR, operates from 12 V; PM armature, "Y" 4-wire windings. 7/gears and 360° potentiometer; assy o/a 3x3x2, motor 1 1/2x1" dia. #11K31D3, \$3.95

PRC-25 TRANSCEIVER

RT-505/PRC-25 PORTABLE TRANSCEIVER, 30 to 75.95 Mhz FM in bands 30-52.95 Mhz (Lo) and 53-75.95 Mhz (Hi) using 920 channels with 50 KHz spacing. Transmitter output: 1.1 to 2.0 watts. Has 150 Hz squelch tone. Set is transistorized except for 2DF4 tube in power amp. Power required: 3 VDC 0.4 amp and 15 VDC 1.4 amps. Batteries not available. Size: 4x11x14; 18 lbs. sh. Used, not checked, \$125.00



AN/PRC-25 BACKPACK TRANSCEIVER SET consisting of RT-505, CY-2562 battery box, ST-156 backpack harness, H-189 (or H-138) handset, AT-892 ribbon antenna, AB-591 antenna base, AT-271A antenna, and CW-503 (or CW-216) accessory bag. Used, \$160. PRC-25 SCHEMATIC, \$5.
BA-4386 MAGNESIUM LONG-LIFE BATTERY for PRC-25 or -77; unused, \$8.95 or 2 for \$16.00

RECEIVER-TRANSMITTER

RT-68/GRC RECEIVER - TRANSMITTER, 38 to 54.9 Mhz RANGE CONTINUOUSLY TUNEABLE OR 100 KHZ-STEP DETENT CHANNELS OR TWO PRE-SET CHANNELS. RECEIVES AND TRANSMITS BOTH VOICE AND 1600 HZ RINGING FM SIGNALS. THE OVERALL COMMUNICATION RANGE IS FROM 10 TO 15 MILES. THE RECEIVER CIRCUIT IS A DUAL-CONVERSION SUPERHETERODYNE TYPE WITH THE 1ST IF VARIABLE FROM 4.45 TO 5.45 Mhz AND THE 2ND IF FIXED AT 1.4 Mhz. THE RECEIVER HAS A VARIABLE SQUELCH CONTROL AND A 600 OHM OUTPUT IMPEDANCE. THE TRANSMITTER CIRCUIT USES A CRYSTAL-CONTROLLED OSCILLATOR AND OSCILLATOR POWER AMP AND PUTS OUT 2 WATTS ON LOW POWER VOLTAGE OR 16 WATTS ON HIGH POWER VOLTAGES SUPPLIED FROM THE POWER SUPPLY SOLD SEPARATELY. THE RT-68 ALSO PROVIDES A METER AND TEST SWITCH TO MONITOR TRANSMITTER POWER OUTPUT FILAMENTS AND THE 90 VOLT INPUT. WITH TUBES 4/1U4, 2/1A3, 2/1L4, 4/1R5, 2/1AE4, 1S5, 4/3Q4, 3/3A5, 2/3B4, 3A4, 6AK5 AND 2E2A. SIZE: 9x13x11 1/2 WT: 42 LBS. USED \$75.00



RT-66/GRC RECEIVER-TRANSMITTER SAME AS RT-68 ABOVE EXCEPT 20-27.9 Mhz RANGE. USED \$39.50
 RT-67/GRC REC-TRANS. SAME AS RT-68 EXCEPT 27-38.9 Mhz RANGE. REPAIRABLE \$49.50

PP-112/GRC 24 VDC POWER SUPPLY for RT-66-67-68 transceivers; provides required voltages for these sets from 24 VDC 6.5 amp input. 7 1/2x9x13, 39 lbs. Used \$25
 PP-109/GRC POWER SUPPLY, as above except 12 VDC 12 A input. Used, \$54.50; Govt reconditioned, \$49.50

PRC-10 RECEIVER-XMITTER

RT-176/PRC-10 RADIO RECEIVER-TRANSMITTER; PORTABLE UNIT OPERATING FROM 38 TO 54.9 Mhz FM VOICE COMMUNICATIONS. THE RECEIVER SECTION HAS AN IF OF 4.3 Mhz AND AN AUDIO OUTPUT IMPED. OF 600 OHMS. TRANSMITTER OUTPUT IS 0.9 WATTS WITH A NORMAL RANGE OF ABOUT FIVE MILES. MICROPHONE INPUT IMPED. 150 OHMS. BOTH RECEIVER AND TRANSMITTER SECTIONS ARE CONTINUOUSLY TUNEABLE. WITH CONTROLS FOR VOLUME, TUNING, SQUELCH, POINTER ADJUST AND DIAL LOCK. CONNECTOR FOR EXTERNAL SPEAKER. WITH TUBES 9/5678, 2/5672, 3/5676, 1A04 AND 5A6. POWER REQUIRED: 135 VDC, 67 VDC AND 1 1/2 VDC. LESS BATTERY CASE. ACCESSORIES LISTED ELSEWHERE. SIZE: 9 1/2x3x10 1/2 WT: 9 LBS. RT-176/PRC-10 USED \$29.50
 RT-174/PRC-8, SAME AS PRC-10 EXCEPT 20.0 TO 27.9 Mhz. USED-COMLETE, NOT CHECKED, \$30.



RT-175/PRC-9, SAME AS PRC-10, EXCEPT 27.0 TO 38.9 Mhz. USED, COMPLETE, NOT CHECKED, \$35.

AM-598 AMPLIFIER-POWER SUPPLY, USED WITH PRC-8, -9, -10 WHICH PLUGS INTO TOP. FUNCTIONS AS AN AUDIO AMPLIFIER AND ALLOWS FOR 24 VDC OPERATION FOR THESE TRANSCEIVERS. WITH TUBES 2/2E66 2/12AT7, 2E25 AND OC3. 11 1/2x11 1/2x10 1/2; 38 lbs. sh. Used, \$24.95

ACCESSORIES

CY-744/PRC BATTERY CASE f/PRC-8-9-10, \$6.00
 AT-272A gooseneck antenna base, unused, \$2.
 AT-271/PRC 7-section 8 1/2 whip antenna \$4.95
 AB-129 RUBBER BASE f/AT-271 (PRC-8-9-10) \$3.
 AB-591 RUBBER BASE f/AT-271 (PRC-25-77), \$4.
 AM-598 SHOCKMOUNT \$5.
 M-29 MIC w/UG-77, \$4. M-81 MIC w/UG-229 \$8.
 HANDSETS, H-33 w/UG-77 \$7. H-189 w/UG229 \$12
 LS-166/U LOUDSPEAKER w/UG-77...Used \$10.95
 GRC/VRC CONNECTORS, specify type and with what equipment used, \$3 each w/set purchase.
 WATTS, used: UG-77, metal back \$3. UG-229 \$4.
 CX-1211 CONN. ASSY. f/RT66-7-8 to PP112, \$6.
 Connector assy. sold only with set purchase.

PRC-6 WALKIE-TALKIE

RT-196/PRC-6 FM TRANSCEIVER, single channel crystal-controlled in the 47 to 55.4 Mhz range. Range: approx. 1 mile depending on terrain and conditions. Handheld unit has push-to-talk switch, volume control, ribbon antenna, carrying strap, and provision for H-33/PT handset. Uses type CR-23 crystal (not included or available). With tubes 6/5678, 3B4, 3/5672, 2/5676, and 2Q21. Requires 1.5, 45, and 90 VDC. 15x5x4 1/2, 6 lbs sh. Used, \$18.95; MANUAL, \$7.50
 CY-853/PRC-6 CASE, space and padding for 42 crystals; 6 1/2x6 1/2x1, 2 lbs. Used, \$3.00



ID-292/PRC-6 CHANNEL ALIGNMENT INDICATOR, plugs into RT-196 and indicates relative level voltages for B+ filament, osc. injection, limiter, discriminator output, and P-A grid. Also P-A current and calibrate adjust. Unit is basic VTVM with 1 1/2 sq. FS-500 ua-meter and 5678 tube. Power from set under test. ID-292, unused w/manual, spare 5678, \$22.95

GRC/PRC BATTERY TEST

AN/PSM-13 BATTERY TEST SET; DESIGNED TO CHECK GRC AND PRC-TYPE BATTERY PACKS INCLUDING BA-270, -279, -376, -377, -386/PRC-25, -398/PRC-25, -399, AND -505. METER INDICATES BAD-GOOD (FS=1 MA). WITH ADAPTERS U-240, -241, -242, -297, -314, -315, -346 AND CANVAS CASE. SHPG. WT: 7 LBS. PRICE: USED, EXCELLENT, \$24.95



ME-61/GRC FIELD STRENGTH METER 1.4 to 24 Mhz IN THREE RANGES. WITH VARIABLE TUNING, SENSITIVITY CONTROL, 1 1/2" SQUARE METER, PHONE JACK AND ANTENNA. SIZE: 5x5x4 1/2 WT: 5 LBS. UNUSED, \$24.95



RT-70 RECEIVER-TRANSMITTER 47 to 56.4 Mhz FM VOICE COMMUNICATIONS. FEATURES CONTINUOUS TUNING OR TWO PRE-SET CHANNELS AND PUSH-TO-TALK TRANSMISSION. THE RECEIVER CIRCUIT IS THE DUAL CONVERSION TYPE WITH THE 1ST IF IF Mhz AND THE 2ND IF 1.4 Mhz. WITH VARIABLE SQUELCH CONTROL. 600 OHM AUDIO OUTPUT IMPEDANCE. THE TRANSMITTER CIRCUIT HAS A 500 MW OUTPUT AND AN AUDIO INPUT IMPED. OF 150 OHMS. POWER REQUIRED: 90 VDC @ 80 MA, 6.3 @ 360 MA AND 6.3 @ 160 MA. WITH TUBES: 6/1U4, 3/1L4, 2/1R5, 1S5, 1AE4, 4/3Q4, 3A5, AND 3B4. RELATED ACCESSORY EQUIPMENT LISTED ELSEWHERE. SIZE: 4 1/2x13x8 WT: 20 LBS. USED \$25.00



AM-65/GRC AUDIO FREQUENCY AMPLIFIER; THREE CHANNEL AUDIO FREQ. AMPLIFIER USED FOR INTERPHONE AND MONITORING OF VARIOUS TYPE GRC REC-TRANS. POWER REQUIRED: 135 VDC @ 35 MA AND 6, 12 OR 24 VDC. SIZE: 4 1/2x13x8 WT: 17 LBS. USED \$14.95



PP-282/GRC 24 VDC POWER SUPPLY used AM-65 and RT-70. Plugs into AM-65 and the voltages for both AM-65 and RT-70. 4 1/2x6x3, 6 lbs. Used \$5.
 PP-281/GRC VIBRATOR POWER SUPPLY, same as above but requires 12 VDC input. Used \$14.95

COMBINATION OFFER when RT-70, AM-65 and PP-282 are purchased together. All three for \$35.00

COMBINATION OFFER with PP-281 1 1/2 VDC supply instead of PP-282 24 VDC supply, \$45.00

TECH MANUALS WITH SCHEMATICS FOR:
 RT-196/PRC-6...\$7.50
 PRC-9A-10A...\$7.50 AM-598...\$3.00
 RT-66,67 & 68...\$5.00 PP-109 & 112...\$5.00
 RT-70...\$5.00 AM-65...\$5.00
 R-108, 109 & 110...\$7.50
 AN/VRC 13-15 OR AN/VRC 16-18, CONTAIN INFO & SCHEMATICS ON RT-66,67,68, R-108,109,110,PP-109,112, VAR. MTG. CONTROL BOX ES. \$7.50

38 TO 54 Mhz RECEIVER

R-110 RECEIVER 38 TO 54 Mhz FM CONTINUOUSLY TUNEABLE, VARIABLE SQUELCH AND AUDIO, OUTPUT IMPEDANCE 600 OHMS. 4.3 Mhz. I.F. WITH TUBES 3/1U4, 2/1L4, 1A3, 2/3A5, 1S5, 2/3Q4, 2/6AK5 & 0B2. VOLTAGES REQ. 135 VDC @ 70 MA. AND 6.3 VDC 2 AMPS. SIZE: 9x13x7 1/2; WT: 32 LBS. USED \$49.50

R-108 RECEIVER, SAME AS R-110 ABOVE EXCEPT 20-28 Mhz. USED \$29.95

R-109 RECEIVER, SAME AS R-110 ABOVE EXCEPT 27-39 Mhz. USED \$39.95

PP-282 POWER SUPPLY 24 VDC FOR R-108-109-110 RECEIVERS. MOUNTS INSIDE REC. USED \$5.95

SHOCKED-MOUNTINGS FOR GRC SERIES RADIO SETS. ALL HAVE APPROPRIATE CABLES & CONNECTORS THAT GO FROM THE MTG. TO THE SET & BATTERY, BUT THEY DO NOT HAVE JUMPER CABLE UNIT-UNIT.
 MT-297/U HOLDS R/T, PS, REC., RT-70, AM-65, C434
 SIZE: 3 3/4x13 1/2x4 1/2; WT: 75 LBS. USED \$25.00
 MT-298/U HOLDS TWO (2) R/T & TWO (2) PS.
 SIZE: 3 7/8x13 1/2x4 1/2; WT: 85 LBS. USED \$20.00
 MT-299/U HOLDS ONE RT-66,67,OR 68 & ONE PS
 SIZE: 18 1/2x13 1/2x4; WT: 50 LBS. USED \$25.00
 MT-300/U HOLDS (1) RT-70 & AM-65 (PIGGYBACK)
 SIZE: 8 1/2x13x3 1/2; WT: 25 LBS. USED \$20.00
 MT-791/U NO CABLES, FOR SINGLE UNITS SUCH AS REC. MD. CV. GSA. PP. ETC.
 SIZE: 8 1/2x13x3 1/2; WT: 18 LBS. USED \$15.00



R-394/U RECEIVER, 152-172 Mhz FM single channel crystal-controlled. Dual conversion unit has first IF 7.8 Mhz and 455 KHz second IF; also squelch and muting circuits. 8 ohms output impedance. Set features modular construction with plug-in units 1st RF amp, local oscillator, 1st IF amp, 2nd IF and discriminator, and audio/squelch. 455 KHz selective filter is wired in. Also has compartment for modular power supply which is listed elsewhere on this page. Includes tubes 14/5678, 4/1A4, 5672, 5840, 5783, and 6AK6. 8 $\frac{1}{2}$ x 5 $\frac{1}{2}$ x 14 $\frac{1}{2}$ 22 lbs sh. Used, \$14.95; Gov't record, \$22.50

R-257 RECEIVER, same as R-394 except covers 25 to 50 Mhz FM, used, \$14.95



T-278/U TRANSMITTER F.M. 152 to 174 MC APPROX. 30 WATTS, CRYSTAL CONTROL ON ANY TWO (2) PRESET FREQ. PHASE SHIFT MODULATION 15 KC DEVIATION, CR-27/U CRYSTAL UNIT FREQ. RANGE 4750-5437.5 KC. MULTIPLIED 32 TIMES. WITH TUBES 2/384, 3/2E4, 4/5678, 2/5672 AND 2/1A4.

VOLTAGES REQUIRED AS SHOWN WITH DY-93 DYNAMO TCR ELSEWHERE ON THIS PAGE. USED \$18.95
SIZE: 8 $\frac{1}{2}$ x 4 $\frac{1}{2}$ x 14 $\frac{1}{2}$; WT: 12 LBS. UNUSED \$24.95

T-278 TRANS. LESS TUBES AND CRYSTAL OVEN \$6



CY-93B ELECTRICAL EQUIPMENT CABINET, used to house receivers R-394 or R-257, transmitters T-208 or T-278, and power supplies DY-93 or DY-98 or DY-100 for the transmitters. Size: 17 $\frac{1}{2}$ x 11 $\frac{1}{2}$ x 25, 40 lbs sh wt. Price: Used, \$9.95



CHASSIS CONNECTORS TO FIT R-394, R-257, T-416 T-278, T-208 & SUPPLIES

TRANSMITTER PLUG P-401 CHASSIS CONNECTOR NO'S J-801, CANNON# DPD-A32C2-33S-2L \$2.50
RECEIVER PLUG R-252; CHASSIS CONNECTOR NO'S J-803, CANNON# DPD-A31C1-33S-2L \$2.50
POWER SUPPLY PLUG P-1203; CHASSIS CONNECTOR NO'S J-802, CANNON# DPD-30-33S-22 \$2.50
UG-77 MOLDED PLUG ON $\frac{1}{2}$ foot cord, \$1.00
H-33/PT HANDSET ON $\frac{1}{2}$ foot cord w/UG-77, \$6.95

RF MONITOR



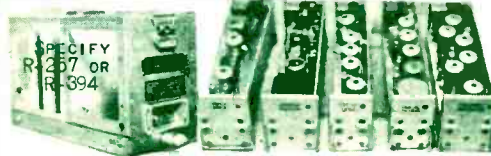
ID-642/FSA RADIO FREQUENCY MONITOR, USES DIRECTIONAL COUPLER WITH IN-21B DIODE TO MONITOR RF

VOLTAGE LEVEL. DC VOLTAGE IS AMPLIFIED TO TRIGGER A 24 VDC RELAY (6.5 MA 4PST) OVER A POWER SCALE OF 25-200. UNIT WAS PROBABLY CALIBRATED INTO A STANDARD LOAD. REQUIRES HN CONNECTORS. WITH TUBES: 2/OA2, 5751, 5670 6X4. AND TJ791K01 CURRENT REGULATOR. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 11x19x10 $\frac{1}{2}$; SHPG. WT: 20 LBS. UNUSED, W/SCHEMATIC, \$7.95

BC-604 F.M. TRANSMITTER 30 W. FREQ. RANGE 20-27.9 MHZ. 10 PRE-SET CRYSTAL CONTROL CHANNELS ARE POSSIBLE WITH THE PROPER CRYSTALS. WITH TUBES 4/1619 & 1/1624. VOLTAGE REQ. 12 OR 24 VDC & 625VDC @ 225MA. SIZE: 18 $\frac{1}{2}$ x 11 $\frac{1}{2}$ x 10 $\frac{1}{2}$; 60 LBS. PRICE: Unused, \$25.00



TELEGRAPH-TELEPHONE SIGNAL CONVERTER: CONVERTS 20 CPS RINGING SIGNALS TO 1225/1600 CPS RINGING SIGNALS AND CONVERTS 1225/1600 CPS RINGING TO 20 CPS. RINGING. POWER REQ: 115V 60HZ. W/2EA. 12AU7, 12AX7, 6AL5, 6X4 SIZE: 11x7 $\frac{1}{2}$ x 10 $\frac{1}{2}$; 18 LBS. TA-18B USED \$25.00



R-257 or R-394 RECEIVER CHASSIS ONLY LESS ALL PLUG-IN UNITS AND FILTERS, WITH CONNECTORS & COVER. SHPG. WT: 10 LBS. USED \$4.95

R-257 or R-394 RECEIVER PLUG-IN UNITS ONLY
MX-1547 RECEIVER RELAY SUBASSEMBLY \$4.95
1ST R.F. AMPL. w/TUBES 1/5840, 2/1A4 \$3.95
LOCAL OSCILLATOR w/TUBES 2/1A4, 1/5678 \$4.95
1/VR31-5783 & CRYSTAL. (NO CRYSTAL CHOICE)

2ND I.F. AND DISCRIMINATOR w/TUBES 5678 \$3.95
1ST I.F. 7.8 MC. w/TUBES 3/5678 & CRYST \$4.95
AUDIO & SQUELCH w/TUBES 3/5678, 1/5672 AND 1/6AK6 \$3.95
SELECTIVE FILTER 455 KC. (NOT SHOWN) \$2.95



VIBRATOR TYPE POWER SUPPLIES FOR USE WITH R-394 & R-257 RECEIVERS. THE OUTPUT OF THE SUPPLIES ARE THE SAME AND ARE

155 VOLTS DC @ 15 MA.	
150 " " @ 5 "	
440 " " @ 50 "	
-40 " " @ .5 "	
6.3 " " @ .45 AMPS.	
6.3 " " @ 1.0 "	
1.4 " " @ 1.25 "	

PP-867/U 24 VOLTS DC @ 1.1 AMPS USED \$4.95
PP-868/U 12 " " @ 2.0 " 9.95
PP-869/U 6 " " @ 3.7 " WRITE AS TO PP-846/U

PP-846/U 115/230 v 60 CYC 2 AMPS AVAILABILITY.
PP-844 115/230v. 60 CYCLE AC POWER SUPPLY FOR T-417, T-208 AND T-278 TRANSMITTERS.
WRITE AS TO AVAILABILITY AND PRICE

C-844/U CONTROL UNIT FOR OPERATION OF RADIO SET FROM REMOTE POINT. USED \$14.95



C-847 RADIO CONTROL BOX; USED TO CONTROL THE SYSTEM, HAS HEAVY ALNICO MAGNET 4" SPEAKER FOR MONITORING REC. CONTROLS FOR SQUELCH, VOLUME ON/OFF SW. PILOT LIGHTS AND RECEPTACLE FOR H-33 HANDSET WHICH HAS UG-77
SIZE: 9 $\frac{1}{2}$ x 5 $\frac{1}{2}$ x 3 $\frac{1}{2}$; WT: 6 LBS. USED \$8.95
H-33/PT HANDSET WITH CORD & UG-77 \$6.95



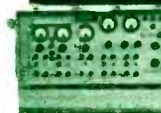
DY-93 DYNAMOTOR POWER SUPPLY
INPUT: 12 VDC @ 20 AMPS.
OUTPUT: 380 VDC @ 180 MA.
225 VDC @ 45 MA.
-25 VDC @ 5 MA.
USED WITH T-208 & T-278 TRANS.
SIZE: 8 $\frac{1}{2}$ x 7 x 14; WT: 27 LBS.
PRICE: USED \$9.95

TRC-77 TRANSCIEVER

RT-654A/TRC-77 BACKPACK TRANSCIEVER covering 3 to 8 Mhz in six preset channels. Receives AM or CW; transmits CW only. Output: 10-14 watts, 300 wpm max-keying. Transistorized except for 2E24 P-A tube. Has EPO, key jack, and connector f/UG-229. Designed for use with BB-447 niod (not available). Requires 12 VDC 3.75 amps. 4 $\frac{1}{2}$ x 10 $\frac{1}{2}$ x 10, 15 lbs sh. Used, repairable, \$75.00
MANUAL, partial repro, \$10 w/set.



PRC POWER SUPPLY



PP-351 POWER SUPPLY, DESIGNED TO PROVIDE REGULATED DC POWER FOR TESTING PRC-6, -8, -9, -10; SCR-510, -610; AND BC-1000 MANPACK TRANSCIEVERS. HAS METERING FOR EACH OF FIVE VARIABLE OUTPUTS. INPUT/OUTPUT CABLES NOT AVAILABLE. POWER REQUIRED: 115/230 VAC 50-60 HZ. 25x11 $\frac{1}{2}$ x 14 $\frac{1}{2}$; 150 LBS. SH. USED, \$45.00

C-845 RADIO CONTROL

C-845/U RADIO CONTROL, used with R-394-257 receivers and T-208-278-417 transmitters. Contains three tube microphone amp with line level meter which allows the signal to be adjusted to modulate the transmitter.



Also has heavy duty 4" speaker for monitoring a receiver and tone generator for signaling purposes. Controls for intercom, mic level, and speaker volume and UG-77 plug. 600 ohm input impedance. Unit includes PP-846 AC power supply which mounts inside. Requires 115/230 VAC 50-60 HZ. 8 $\frac{1}{2}$ x 13 $\frac{1}{2}$ x 13 $\frac{1}{2}$; 40 lbs sh wt. Used, \$44.50; schematic, \$2.00

PP-804 POWER SUPPLY



PP-804 AC POWER SUPPLY, designed to power T-208-278-417 transmitters from 115/230 VAC 50-60 Hz input.

Output: 500 VDC 250 ma, 225 VDC 45 ma, 1.25 VDC 1 amp, 1.25 VDC 2 amps, -25 VDC 5 ma, 6 VDC 300 ma, 6 VAC 900 ma, and 6 VAC 2.1 amps. 8 $\frac{1}{2}$ x 7 x 14 $\frac{1}{2}$; 46 lbs sh. Used, \$40.00; Manual, partial repro \$8.50
Schematic only, \$2. Mating connector, \$2.50

PVS-3 NIGHT VISION

AN/PVS-3 MINIATURIZED STARLIGHT SCOPE ASSEMBLY, night vision device originally used for weapon's sighting but probably adaptable for other uses. Assemblies consist of front optics, intensifier tube housing, and weapon's mount for M-16 rifle with adapter bar. Units designed to use mil-8858 image intensifier tube (current Varo #1462-series priced over \$1800.00) which magnified existing light 40,000 times and had automatic brightness feature. Useful cathode diameter 18 mm. Required 2.65 VDC supplied from BA-1533 battery (not available). Sets are sold less intensifier tube and rear ocular sighting piece; adjustments may be required.



Size: 2 $\frac{1}{2}$ " dia X 11" housing; 6" high with mount. Used, as above with case, \$165.00
Marginal light filter, for daytime low-light use, \$12.00 when purchased with assembly.



CX-2371 CABLE ASSEMBLY USED FOR CONNECTING R-394-257 REC. T-208-278, 416, 417 TRANS. TO THE VARIOUS CABINETS SO THE UNITS CAN BE SERVICED OUTSIDE THE CABINETS.

LENGTH 7 FT. 3 LBS. \$10.00

CX-2341 CABLE FOR CONNECTING CONTROL BOX TO CABINET. NO PLUGS ON CABLE. 5 FOOT LENGTH \$5. MAXIMUM LENGTH 15'

PP-638/U POWER SUPPLY USED WITH AM-494 & AM-495 POWER AMPLIFIERS. INPUT 115/230 VOLTS 50/60 CYCLE, OUTPUT 1100 VDC @ 320 MA, 230 VDC @ 60 MA AND 6.3 VAC @ 5.2 A. 2 $\frac{1}{2}$ " RUGGEDIZED METERS 50 MADC 500 MADC AND 1.5 KVDC ALSO BLOWER FOR COOLING. UPPER COMPARTMENT SIZE 15W X 3 $\frac{1}{2}$ H X 8 $\frac{1}{2}$ D. SIZE: 31 $\frac{1}{2}$ X 20 $\frac{1}{2}$ X 24 $\frac{1}{2}$; WT: 150 LBS. PRICE: RE-NEW \$100.00

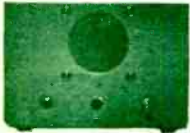


SPEAKERS

LS-166/U LOUDSPEAKER, housed in cast-aluminum case, speaker is 4" dia. with heavy-duty FM magnet, 600 ohm matching transformer with 8 ohm output and HI-LO switch, 6 foot cord with UG-77 connector. Unit is used with most GRC/VRC radio sets. 5x5x3 $\frac{1}{2}$, 5 lbs. Used, \$10.95



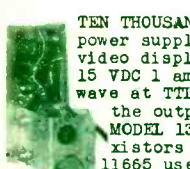
LS-454 SPEAKERS, similar to LS-166 except with UG-229 plug for use with VRC-12 type equipment. Used, \$14.00
FT-250 MOUNT RACK FOR BC-620-659; 18 lbs. Unused \$20.



RECEIVER POWER SUPPLIES w/ SPEAKER for 115 VAC 60 Hz operation of the following
 BC-453-454-455-946
 R-23-24-25-26-27/ARC-5
 R-10-11-15-19-22 ARC-type
 BC-348 BC-639 R-174/GRR

Include dynamic speaker housed in metal cabinet with connecting cable, phone jack, volume control, BFO switch (if applicable). Output: 200/250 VDC 90/60-ma and 24 VAC 2 amps; usable with other receivers having similar requirements. Dimensions and parts vary with availability of materials. SPECIFY receiver type; 10 lbs. KIT, \$32. WIRED, \$40.

DC POWER SUPPLIES from 115 VAC 60 Hz input; our construction: **KIT WIRED**
 #24VDC2A, 24 VDC 2 amps, 12 lb \$17 \$22.95
 #24VDC4A, 24 VDC 4 amps, 14 lb \$20 \$25.95

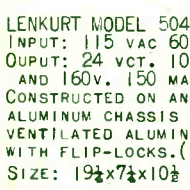


TEN THOUSAND VOLT DC to DC power supplies, p/o Sanders video display. Requires 10-15 VDC 1 amp 5-7 Khz square wave at TTL levels to drive the output amplifier. MODEL 13904 uses 2/2N3055 xistors or equal. MODEL 11665 uses one TO-3 xistor. No schematic. 10x5x6, 5 lbs.

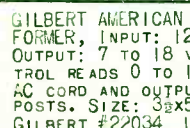
#13904 **GOOD EXPERIMENTER ITEM** #11665
 \$9.95 \$7.95 \$10.95



PE-110 POWER SUPPLY FOR BC-669 TRANSMITTER-RECEIVER. INPUT 115 VOLT 60 CYC. OUTPUT 520 VDC @ 420 MA. A 12 VDC VIBRATOR TYPE POWER PACK WITH AN OUT PUT OF 275 VDC @ 64 MA THAT PLUGS INTO THE CHASSIS SERVES AS A RECEIVER STANDBY. INCLD. FOUR 5Z3 TUBES, RESET CIRCUIT BREAKERS, A.C. OUTLETS, AND SUFFIX LETTER, TUBE COMPLEMENT AND SIZE MAY VARY. 20x9x12; 75 LBS. USED REPARABLE \$25



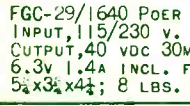
LENKURT MODEL 5047A POWER SUPPLY, INPUT: 115 VAC 60 HZ. OUTPUT: 24 VOLT. 10 AMPS AC AND 160V. 150 MA DC. CONSTRUCTED ON AN ALL-ALUMINUM CHASSIS WITH VENTILATED ALUMINUM COVER WITH FLIP-LOCKS. (NOT SHOWN) SIZE: 19x7x10 1/2; WT: 45 LBS. \$19.95



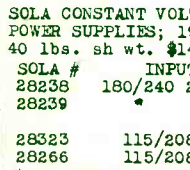
GILBERT AMERICAN FLYER TOY TRANSFORMER, INPUT: 120 VAC 60 HZ. OUTPUT: 7 TO 18 VOLTS AC. CONTROL READS 0 TO 120 MPH. WITH AC CORD AND OUTPUT BINDING POSTS. SIZE: 3x5x3 WT: 6 LBS. GILBERT #22034 Used, \$3.95



FGC-29/1660 POWER SUPPLY INPUT 115/230 VOLT 50/60 HZ OUTPUT: 225 VDC 100 MA. 6.3 VCT 4A. 6.3 V 1.5 A. INCL. FIL. 2/2021 TUBES 11x5x4 1/2; 23 LBS. REM \$15



FGC-29/1640 POER SUPPLY: INPUT, 115/230 v. 50/60 HZ. OUTPUT, 40 VDC 30MA OR 35VDC 40MA 6.3V 1.4A INCL. FILAMENT 6x4. 5x3x4 1/2; 8 LBS. REMOVED \$10



SOLA CONSTANT VOLTAGE DC POWER SUPPLIES; 19" x 6" 40 lbs. sh wt. \$14.95

SOLA #	INPUT	OUTPUT
28238	180/240 200/260	200 VDC 1.5 A
28239	"	120 VDC 1.1 A
		20 VDC 2.0 A
28233	115/208/230	120 VDC 2.0 A
28266	115/208/230	20 VDC 4.0 A

#237 CONSTANT VOLTAGE TRANSFORMER, 6.5 V 25 amp output from 90-130 VAC 60 Hz input, \$15.

VERY HIGH VOLTAGE



DC POWER SUPPLY WITH 107-125 VAC 60 Hz PRIMARY. TWO OUTPUTS: -5.4 TO 5.75 Kv. @ 140 TO 300 u-A. ONE OUTPUT: -5.1 TO 5.3 Kv. @ 100 TO 270 u-A. SIZE: 12x2x4 1/2; WT: 10 LBS. GE#9T63Y2029G6, USED, \$10.95

COMPUTER POWER SUPPLIES

SOLID STATE POWER SUPPLIES rated conservatively and constructed on rugged steel frames. Units have front voltage adjust +10% running light, AC reset. Also adjustable current limiting and overvoltage protection. Power input: 115 VAC 60 Hz. Removed from equipment.



Add \$10.00 to prices for "checked" units.

RATING	SIZE	Sh wt	No.	PRICE
4 V 30 A	13x7x15 1/2	65 lbs	926	\$30.00
4 V 75 A	19x7x20	125 lbs	650	60.00
12 V 5 A	9x7x16	35 lbs	655	37.00
12 V 15 A	13x7x15 1/2	60 lbs	654	70.00
20-24 V 5.5 A	9x7x20	47 lbs	332	39.95
24 V 12.5 A	13x7x15 1/2	65 lbs	4291	30.00

(#4291 is harmonic regulated type)
 30 V 3 A 15x7x19 1/2 38 lbs 889 27.50
 32-36 V 4.8 A 9x7x19 37 lbs 3236-48 27.95
 (#3236-48 includes 12-36 V conversion info)

DUAL POWER SUPPLY, same style as above, -32-36 V 14.7 A and -32-36 V 10.3 A; Two independent regulators w/common buss. 20x12x14, 125 lbs sh. #450, \$60.00



CASH REGISTER POWER SUPPLY WITH 6 VDC GEL-CELL BATTERY OUTPUT FOR MEMORY. ALSO +6, +10, +15, AND -24 VDC FROM 115 VAC INPUT. 8x8x7 1/2; 22 LBS. SH. ORIGIN ELEC. #008-0202550A, UNUSED, \$45.00

OPEN FRAME REGULATED



COMPUTER POWER SUPPLY TRANSISTOR REGULATED OPEN CONSTRUCTION WITH ADJUSTABLE VOLTAGE 20% AND CURRENT LIMITING UNITS WHERE OVP IS

NOTED ALSO HAVE ADJUSTABLE OVERVOLTAGE PROTECTION. UNITS ARE IN GOOD CONDITION-REPARABLE. ORDER BY RATING AND PART NUMBER.

RATING	SIZE	SH WT.	No.	PRICE
5v 2A	14x4 1/2 x5	16	1C12-01	\$10.95
5v 4A	"	16	1014-33	14.95
8v 4A OVP	"	16	1014-21	14.00
12v 3A OVP	"	16	1014-22	25.00
12v 6A	14x8 1/2 x5	23	1018-32	35.00
12v 6A OVP	"	23	1C18-22	37.00
30v 3A	"	23	1018-23	22.50
30v 3A OVP	"	23	1018-33	25.00

35-40V 500W OVP, 14x8 1/2 x5, 60 LB. 1037-12 \$35

PS601301 TRANSISTOR REGULATED POWER SUPPLY produces independent +12 VDC 2.7 A. and -12 VDC 1 A. outputs w/overvoltage protection which can be used in series. Also -6.8 V 300 ma output. 9x5x7 1/2; 16 lbs. Used, \$14.95
 Schematic for 115/230 V operation included.

SCOPE POWER SUPPLY



HFE CRT POWER SUPPLY; HAS 6.5 KV LOW CURRENT OUTPUT WHEN USED WITH 10 VDC 1.75 AMPS DC-TO-DC INPUT CONVERTER. WILL PRODUCE 7.5 KV FROM 12 VDC INPUT. OTHER LOW CURRENT OUTPUTS OF -2500 AND -1500 VDC. TRANSISTORIZED WITH COVER AND CONNECTORS. 11x6x5 1/2, 10 LBS. USED, EXC., \$15.95
HFE LOW VOLTAGE POWER SUPPLY; OUTPUT: 10 VDC 1.75 AMPS, ADJUSTABLE -1 V. INPUT: 115 VAC 60 HZ. TRANSISTORIZED WITH FUSE AND CONNECTOR. 10x6x4 1/2; 12 LBS. REMOVED F/EQUIP., \$7.95
HFE CRT AND LV POWER SUPPLIES AS SET, \$20.00

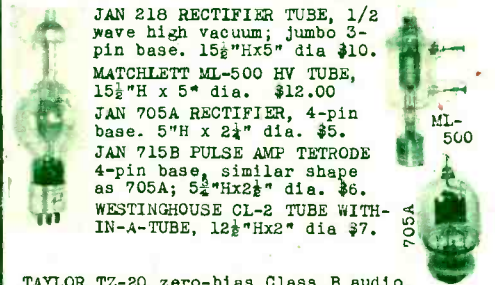


BREAKER 12.5 VDC 2.5 AMP POWER SUPPLY; 4 AMP SURGE, 4 AMP CIRCUIT BREAKER. 4-5/8x2 1/2x6 1/2; SHPG. WT: 6 LBS. #13-110, NEW, \$20.



MULTIVOLTAGE POWER SUPPLY; HAS REGULATED OUTPUTS: +12 VDC 500 MA, -12 VDC 500 MA, AND 24 VDC 1 AMP. ALSO 7 VDC 10 AMP UNREGULATED, INTERMITTENT. REG. VOLTAGES ADJUSTABLE OVER SMALL RANGE. INPUT: 115 VAC 60 HZ; 9x5x6, 13 LBS. #LR32605, \$25.

UNUSUAL TUBES for collectors and experimenters. Filaments checked but not guaranteed.



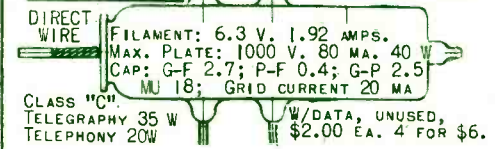
JAN 218 RECTIFIER TUBE, 1/2 wave high vacuum; jumbo 3-pin base. 15x5"Hx5" dia \$10.
 MATCHLETT ML-500 HV TUBE, 15 1/2"H x 5" dia. \$12.00
 JAN 705A RECTIFIER, 4-pin base. 5"H x 2 1/4" dia. \$5.
 JAN 715B PULSE AMP TETRODE 4-pin base, similar shape as 705A; 5 1/2"Hx2 1/2" dia. \$6.
 WESTINGHOUSE CL-2 TUBE WITH- IN-A-TUBE, 12 1/2"Hx2" dia \$7.

TAYLOR TZ-20 zero-bias Class B audio, 20 W plate diss; 70 W/pair push-pull. 7.5 V fil, 4-pin base. Old--Unused w/data \$4.

MAGNETRONS MAGNETRON TUBES LESS EXTERNAL MAGNETICS.

Used, \$24 ea. SPECIFY:
 2J26 (2992-3019 MHz); 2J28 (2939-2965 MHz);
 2J29 (2914-2939 MHz); 2J39 (3267-3333 MHz);
 2J61 (2992-3100 MHz); 2J62 (2914-3019 MHz);
 725A (USED IN APS-4 RADAR).
 S-300 TUBE (OPEN FILAMENT), 10" LG. 3" DIA. AS-IS, \$4.

500 MHZ TRANSMITTING TUBE 8012-A TRIODE



8025 TRIODE, same as 8012 but 4-pin base, \$3.



ELECTRONIC PHOTO-FLASH TUBE R4330 SYLVANIA, OPERATING VOLTAGE 2250, 6 FLASHES PER/MIN 12,000,000 LUMENS, INTEGRATED LIGHT OUTPUT 3500 LUMEN SEC. FLASH. \$10 OCTAL CER. SOC. 50z

FIELD TELEPHONES

EE-8 FIELD TELEPHONE, PORTABLE HAND-RINGING MAGNETO TYPE UNIT. OPERATES FROM TWO "D" CELL BATTERIES (NOT INCLD.) TWO OR MORE CAN BE USED IN A TWO WIRE SYSTEM UP TO 17 MILES IN LENGTH. WITH CARRYING CASE AND STRAP. 8x10x3 1/2; 18 LBS. USED, CHKD. \$50.

TP-3 FIELD TELEPHONE, PORTABLE, SAME AS EE-8 EXCEPT THIS UNIT DOES NOT REQUIRE FLASHLIGHT BATTERIES BECAUSE IT USES A SOUND POWERED HANDSET. SIZE: 8x10x4; 18 LBS. USED CHKD \$55

H-102 TELEPHONE HANDSET & SIGNALING UNIT FOR COMMUNICATIONS WHERE VOLTAGE IS AVAILABLE FOR OPERATING THE HANDSET AND THE UNIT'S RINGING CIRCUIT. REQUIRES 3 & 6 VDC. SIMILAR TO EE-8. 8x10x4; 15 LBS. USED, CHECKED, \$30.

12 VDC 4 AMP SUPPLIES



STACO SOLID-STATE 4 AMP DC POWER SUPPLIES--NEW--
 #FPS-4, filtered 12 V; 5x3x5 1/2, 5 lbs sh. \$12.95 2/\$22.
 #RPS-4, filtered and regulated 13.8 VDC; 5x3x6 1/2, 7 lbs sh wt. \$18.95 ea. 2/\$35.00

12 VDC 3.5 AMPS AND 4 VDC 17.5 AMPS from 115 VAC 60 Hz input; has current limiting and overvoltage protection. 4 V output adjusts to 5 V; 14x8x6, 35 lbs sh. #9566WC, \$30.00

#9566-1C, same as above power supply only less regulator cards. Has output transistors and heatinks; nice foundation, \$20.

230 VDC TRANSISTORIZED POWER SUPPLY, 115 VAC 60 Hz input. Units marked "200 VDC" but they test at 240 VDC 300 ma. 5x4x5, 15 lbs. #3930, NEW, \$28

LEDEX

LEDEX HEAVY DUTY SOLENOID #S-8210-025, 8-position 45° stroke, 28 VDC Starting torque: 5 lb-in @ 35 watts (15 lb-in holding) continuous duty. Upto 32.8 lb-in starting torq. @ 700 watts 1/20 duty. 7S size: 2 1/2" dia x 1-7/8" with 3/8"x3/8" dia shaft. 4 lbs. Unused, \$3.95



OPEN FRAME, SPDT 5.5-7.5 VAC coil; CONTACTS RATED 5 A 115 VAC. 1 1/2"x1 1/2"x3/8" #5945-233-1398, \$1.25

ALLIED CONTROL T255X-18, coil 115 VAC 2580 OHMS. GOLD-PLATED OPDT CONTACTS RATED 5 A 29 VDC. 1 1/2"x7/8" x1-3/8". UNUSED, \$3.00

4PDT RELAYS, 110 VDC, heavy contacts. 2x2x1 1/2". Removed. #DOK187T, 5000 coil, \$2.00 #DOK137T, 24 VDC 250 A, \$1.50

DUAL COIL each SPST; one 24 VDC, other 48 VDC. PCB mtg. 2 1/2"x1 1/2"; #116-2601, \$2.50

TIME DELAY/SEQUENCE RELAY, has 3-SPDT & 1-SPDT 12 VDC 6 A relays. Delay sequence ON/3.5s/5.0s/10 sec. Solid-state w/24 V 1 amp transformer, 250 mfd 50 VDC cap. 115 VAC 60 Hz input. 7 1/2"x3 1/2"x2 1/2"; 3 lbs sh. #140-P197C \$6.95



SIGMA DC RELAYS; OPEN-FRAME, 2 AMP CONTACTS, 1 1/2"x2 1/2"x1 1/2" REMOVED F/EQUIP. #41F500S-SIL, 6 VDC, \$1.00 #41F1000S-SIL 12 VDC, \$1.50

RHEOSTAT CONTROL UNIT FOR HEATED CLOTHING; 100 WATT 5.75 OHM RHEOSTAT MOUNTED IN CONTROL BOX WITH INDICATOR KNOB ALSO ON/OFF SWITCH & DUAL LOCKING TYPE SOCKETS FOR INPUT AND CONTROLLED OUTPUT VOLTAGES. SIZE: 5x4x2; WT: 3 LBS. TYPE C-1C UNUSED \$2.95

STEPPING RESISTOR BANK, 100K ohms in twenty 5K steps; 20 W. good foundation for tester. 5 1/2"x3 1/2"x1 1/2" dia shaft. 3 lbs. #227281.3, \$3.95

DIMMER CONTROL TYPE A-4 667498 150 OHM 50 WATT 2 1/2" MTG. HOLES, W/KNOB 2 LBS. \$2.50 MATCHING PLUG \$1

E-T-A CIRCUIT RESET push switches, type 45-700-F. Fits into 3/8" hole; requires 2" depth. O/A 1 1/2"x2 1/2"; Used. 250 VAC 5 amp, \$2. " " 15 A, \$2.50

ROTARY SELECTOR 24 VDC with two decks each 12-position 2-pole shorting and one deck 12-pos 2-pole non-shorting. 2-1/8x2-1/8x4, 2 lbs sh. #RS-24V-3D, used, \$3.50



STEPPING SWITCH 8-deck 20-position 24 VDC Clare Type 20 6x6x2, 5 lbs. #A320759 \$12

#7709181-P6, 9-deck 25-pos 24 VDC \$8.95 #7709181-P1, 9-deck 26-position 24 VDC, \$9.95 #H77256, 4-deck 26-position 24 VDC. \$7.50

F&B KR-4175-1 DP-DT FLATE RELAY; sealed metal can, requires octal socket. 2 1/2"x1 1/2"x3/8" Unused, \$2.00

P & B SPDT PLUG-IN TYPE RELAY WITH 24 VDC COIL. 120 VAC 10 A, CONTACTS. #KUP14015, W/SOCKET, \$2.95

AC CONTROL RELAY, 120 VAC COIL; SPST N. OPEN 10 A. AND SPST N. CLSD. 10 A. CONTACTS. SEALED CAN, SOLDER TERM. 3 STUD MTG. 2 1/2"x1 1/2". #7321/6717, \$2.50

LOW CURRENT RELAY, 13 V. MIN.; 2500 OHM SPDT 10 A. CONTACT; USABLE F/ALARM CIRCUIT W/LOW STANDBY CURRENT 2x2x1; F&B #LM-1600-1 \$3.95

RHEOSTATS
RHEOSTAT VALUES:
FIRST SET OF NUMBERS AFTER RHEO-PREFIX IS THE WATTAGE. YOU INDICATE DESIRED OHMS IN SECOND SET. SCD= SCREWDRIVER ADJUST.
#RH20-25W-(ohms), \$1.25

1	2	5	6	10
12	15	25	35	50
55	60	75	100	125
130			200	250
300	350	400	500	600-acc
1K	1500	2500	2500	

#RH20-50W-(ohms), \$1.75 ea
1.5 6 8.5
12 15 16 17.5 20
50 30 35 40 45
50 60 75 90 100
124 150 200 225 350
500 2.5K 5K 10K 220

#RH20-75W-(ohms), \$2.25 ea
10 15 25 75
#RH20-100W-(ohms) \$2.75 ea
7.5 20
100 350 500 3K 3500-SCD

#RH20-150W-(ohms) \$3.50 ea
15 16 25 750 2/245-\$5
300 WATT 0.22 OHM, New \$10.

JIRPAX UF11-11-676 65 VDC 45 A; delay 51, trip 56.25 A. 2 1/2"x2 1/2". NEW \$3.
#UPR1-1R2C2, 65 VDC 1.25 amps; delay 51, trip 1.57 amps. Aux switch 10 amp 250 VAC. 2 1/2"x2 1/2", \$3.00
ALPAX 112R, 240 VAC 60 Hz 10 amp; delay A spec, \$5.00

GUARDIAN ROTOMITE STEPPER, 12 VDC 12 position 3 amps resistive. 3x 1 1/2"x1 1/2"; #706-12P-12D NEW \$4.

LEDEX PUSH-FULL SOLENOID, 24 VDC short-stroke flat-face; size 5, 1-7/8" dia. 2 lbs. #124-033-001 NEW \$3.

100 KHZ CRYSTAL OVEN, 115 V heater for 65° C oven thermally isolated and shielded with 65° xtal thermometer; Knight octal based xtal. 5 1/2"H x 2 1/2"W, 3 lbs; f/counter. #H-P-69B-2, used, \$17.50

CRYSTALS
FT-241 CRYSTALS f/BC-604, 684; channels 0-79. No choice 3/1. Choice \$1.50
200 KHZ FT-241 XTAL, \$3.50
1000 KHZ CRYSTAL, temp. coeff. 0.0001% (±10 Hz/°C). Octal base; f/BC221-TS323-IM21 freq. meters. Socket wiring may be changed. \$12.

JK-02 CRYSTAL OVEN FOR CR-26 CRYSTALS, OPERATES FROM 6.3-24.2 V. AC/DC, OCTAL BASE.
MOTOROLA #25181001 FOR ONE CRYSTAL AS USED IN R-394-257 RECEIVERS. \$1.95
MOTOROLA #25181003 FOR TWO CRYSTALS AS USED IN T-278-208 ETC. TRANSMITTERS \$2.50

CIRCUIT BREAKER
AIRCRAFT CIRCUIT BREAKERS, 24 to 30 VDC.
AN-3160 1s toggle style.
AN-3161 push-button type. Removed.
AN-3160 10, 15, or 20 amps, \$1.50 each.
AN-3161 5, 10, 15, or 20 amps, \$1.00 each.

HEINEMAN MODEL AM12HK, 2 1/2"x2 1/2"x1 1/2" 12 VDC 3 A \$1.25 50 VDC 3 A \$1.35 50 VDC 40A \$1.50

AM1516 50 V 100A 4x3 1/2"x1 1/2" \$4.
AM12 115 VAC 60 Hz \$1.50 ea
AMPS: .93, 1.75, 4.2, 5.15

115 VAC 50 HZ CIRCUIT BREAKERS by Heineman; 2 1/2"x2 1/2"x1 1/2". \$1.00 each
#SH900-1 1.25 A
#SH900-3 3 amps
AM2511M6, 230V
#CD2-210-1, Rt 0.035 A DC Cur P. Lt 68 A 270 VAC 60 Hz Cur 3. \$4.00

#CD2-274-2, 10 A 132 VAC 60 Hz T.D. 2; 125 A 10 VDC T.D. 3. \$4.25
#CD2-A3-DU, two 18 amp 240 VAC T.D. 1. \$4.50

P&B #375-207-101, 7 amp 250 VAC or 32 VDC max. Recessed button. 1 1/2"x1 1/2". NEW, \$1.25

MAGAZINES
We carry current issues of
CQ \$2.00 QST \$2.50
Ham Radio \$2.50 73 \$2.95
'TOP SECRET' REGISTRY OF U.S. GOV'T RADIO FREQUENCIES 4th Ed. 120 pp. \$9.95
FEDERAL FREQUENCY DIRECTORY 2-420 Mhz Includ \$14.95

BOOKS & TECH MANUALS
\$3.00 each

AM-598
PP-867-868
-869
PP-281-282
-484
PP-846
DY-93-98-100
ARC-27 O.I.
ARN-59 O.I.

\$5.00 each

FP-1175
FU-143C
RD-60
AN/35C-1
I-208
AN/PDR-27
\$7.50 each
BC-312-342
BC-603-604
BC-652-653
BC-659
BC-620
BC-1000
BC-1335
AN/FRG-6
PRG-9A-10A
AN/GRH-5
R-108-109
BC-321AH only
CX-28 repro
J-32 repro
PP-804
PP-109-112
AN-26
FGC-20 & 21 contains TT-98, -99, -100 and PP-978, \$10.

TECHS: All manuals include maintenance info & schematic unless noted otherwise. O.I. Operating info only N.S. No schematic repro -Partial reproduction w/operating, maintenance info & schematic

AN/ARC-5 BENCH TEST and ALIGNMENT, covers necessary info to align R-23A, R-148, R-25-26-27 receivers; T-18 thru T-22 transmitters; and MD-7 modulator. W/schematics; repro. \$7.50

AN/ARC-27-55 \$15.00
AN/ARC-38 repro 17.00
AN/ARC-38A repro 30.00
RT427/ARC-39 repro 10.00
AN/ARC-44 8.50
ARC-60 (R19-CV431) 8.50
ARC TYPE 12 including R-10-11-15-19, T-11-13, and related equip. 8.50
AN/ARC-50 repro 10.00
R-648/ARR-41 repro 15.00
AN/ART-13 transmitter only, repro 12.00
AN/AR-4 repro 10.00
AN/AR-9 8.50
AN/AR-10 8.50
AN/AR-15 10.00
AN/AR-55 (ARC-14 including RS06/T631/FP1171) 20
AN/ARC-1 (T-14, R-19, and AM-8 pwr amp) 8.50
AN/ARC-8 (T30/R-48) 8.50
AN/URM-19 (R-394, T-278, DY93-98-100 FF867-9) 8.50
BC-AS-229 7.50
BC-348-J-N-Q repro 10.00
BC-348-K-L-R repro 10.00
BC-624/625 repro 12.00
BC-639 repro 8.50
BC-669 repro 8.50
BC-779/1004 10.00
CV-157 repro 15.00
CV-591 (MSR-4) repro 8.50
R-140 (HRO-5) repro 10.00
R-220/URR-29 10.00
R-274 repro 12.00
R-388 (51J3) repro 10.00
R-390 repro 15.00
R-390A maintenance 12.00
R-392 repro 15.00
SP-800-JX repro 10.00
TP-195 8.50
TOS-12 repro 12.00

SCHEMATICS
REPRODUCTIONS of schematics \$1.50 and up. WRITE.

TEST EQUIPMENT MANUALS
AN/TRM-1 repro \$10.00
AN/URM-25D 10.00
AN/URM-25F repro 10.00
AN/URM-26B repro 12.00
SC-12/URM-48 repro 12.00
TS-403/URM-61 repro 12.00
SG-3/URM-70 repro 10.00
FR-5/URM-80 7.50
TS-510/USM-44 repro 10.00
AN/USM-50 repro 10.00
AN/USM-105 repro 17.00
AN/USM-116 repro 10.00
AN/USM-117 repro 15.00
AN/USM-140 repro 17.00
FR-149/USM-159 repro 10.00
BC-221 f/most models 7.50
Reproductions \$8.50 each:
ME-6D MS-26 QS-8
SP-92 TS-148 TS-352
TS-375 TS-382 TS-433B
TS-497B TS-505 TS-1060
TV-7/U IP-173B
TV-2 or TV-10A, \$10 each.

TEK Q \$6.00 TEK H \$6.00
W 6.00 1A1 8.50
1A2 7.50 1A4 7.50
1A5 7.50 130 6.00
131 6.00 132 6.00
453 8.50 556 8.50
CA partial repro, 8.50
HICKOK 1805, part-repro \$15

TOOLS & TECHNIQUES, \$4.95
AUDIO FREQ TESTERS, 4.95
RADIO FREQ TESTERS, 4.95
IC TEST EQUIPMENT, 4.95
TI SEMICONDUCTOR MEMORY BOOK (1975), 272 pt, \$1.00

ARRL BOOKS
1982 RADIO AMATEURS HANDBOOK \$10
SOLID STATE BASICS f/amateurs \$5.
SOLID STATE DESIGN f/amateurs \$7.
ANTENNA BOOK, theory and instruction on antennas, \$5.
ANTENNA ANTHOLOGY, articles from QST on antennas, \$4.
LICENSE MANUAL, a study guide for the novice, \$5.00
UNDERSTANDING AMATEUR RADIO, an introduction, \$5.00
A COURSE IN RADIO FUNDAMENTALS, structured intro. \$4.
OPERATING GUIDE, \$4.00 HINTS & KINKS, \$4.00
FM & REPEATERS f/QST, \$5 SINGLE SIDEBAND f/QST, \$4.
RADIO FREQUENCY INTERFERENCE, \$3. L/C/F CALCULATOR \$3
TUNE IN THE WORLD OF HAM RADIO, wkbook & cassette \$8.50
BASIC BOOK OF HAM RADIO, \$7. WEEKEND PROJECTS, \$3.00
ELECTRONICS DATA BOOK, circuit collection f/radio, \$4.

VINTAGE RADIO
VINTAGE RADIO 1887-1929, pictorial story of radio's early years; 1000+ pictures and commentary, 263 pp. Softbound, \$9.95;
A FLICK OF THE SWITCH 1930-1950, sequel w/TV, \$9.95
1921-1932 RADIO COLLECTOR'S GUIDE, listing of over 9000 radios, 1100 mfgs; 263 pp. Softbound, \$9.95
MOST-OFTEN-NEEDED 1926-1938 RADIO DIAGRAMS, reprint of Beitman's book of 600 old radio schematics, \$7.95

225-399.9 MHZ RECEIVER



R-278 RECEIVER, 225 to 399.9 Mhz AM; crystal frequency control for 1750 channels in 100 KHz steps; ten preset channels. Audio freq response: 200 Hz-20 KHz (wide), 200-5 KHz (narrow). Has AVC, squelch, and 44 tubes; unitized chassis, rackmount. 12 $\frac{1}{2}$ x19 $\frac{1}{2}$ x20, 115 lbs sh wt. Used, less guard channel, repairable, \$150.00 MANUAL, partial repro, \$15. Schematic, \$2.50

Used, less guard channel, repairable, \$150.00 MANUAL, partial repro, \$15. Schematic, \$2.50

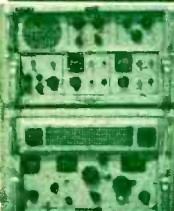
R-648/ARR-41 RECEIVER

R-648/ARR-41 RECEIVER



190-550 KHz and 2-25 Mhz AM-CW in five bands. Mechanical digital-type tuning in 1 KHz steps. 500 KHz final IF; mechanical filters 1.4 and 6.0 KHz. Controls for BFO, sensitivity, broad-sharp voice or CW, and dial lock. With tubes 2/5786, 7/5749, 2/5750, 2/5814, 5654, 3688, 6AU6, and 0A2. Requires 24 VDC 4 amps input for dynamotor. 7 $\frac{1}{2}$ x16 $\frac{1}{2}$ x13 $\frac{1}{2}$, 35 lbs sh. Used, repairable, \$145.00; Checked, \$205.00 MANUAL, partial repro, \$15. Schematic, \$2.50 Power input connector, \$3.00 w/set purchase.

2-32 MHZ SSB RECEIVER



AN/FRR-59A TRIPLE CONVERSION SSB RECEIVER WITH FULL CARRIER SUPPRESSION FROM 2 TO 32 MHZ IN FOUR BANDS: (2-4) (4-8), (8-16), and (16-32) MHZ. RECEIVES LSB, USB, AM, CW, AND MCW SIGNALS; LSB AND USB RECEPTION POSSIBLE SIMULTANEOUSLY OR SEPARATELY. INCREMENTAL OR CONTINUOUS DIGITAL TUNING IN 0.5 KHZ STEPS. INTERMEDIATE AND 80 KHZ. BUILT-IN 1 MHZ CRYSTAL CALIBRATOR. AF LINE OUTPUT: 60 MW INTO 600 OHMS (MIN.); PHONE OUTPUT: 15 MW INTO 600 OHMS (MAX.). RECOMMENDED ANTENNA TERMINAL IMPEDANCE: 50 OHMS. USES 7- AND 9-PIN 6.3 V. glass tubes. Requires 105-125 VAC 50/60 Hz; 25 $\frac{1}{2}$ x22x24, 300 lbs sh. Connectors to make interconnect cables and partial repro of manual included. Used-not checked, \$250.00

AM-777 AMPLIFIER-DETECTOR, PART OF RT-128A/ARC-21 (2-24 MHZ) TRANSMITTER. 1ST IF-1800 KHZ; 2ND IF-300 KHZ. REQUIRES 1800 KHZ SIGNAL INPUT AND 500 KHZ INPUT FOR MIXER AND TRIPLEX STAGES. SLUG-TUNE ADJUSTMENT. WITH TUBES 4/5636, 3/5896, 3/5899, 3/6021, 5840, 5902, AND 5719. SCHEMATIC INCLD. 13 $\frac{1}{2}$ x2x3 $\frac{1}{2}$, 5 LBS. SH. \$10.00



1700-2400 MHZ RECEIVER

R-418/TRC-29 MICROWAVE RECEIVER WITH PP-690 AC POWER SUPPLY. FREQUENCY RANGE: 1700-2400 MHZ FM UTILIZING 27 PRESET CHANNELS. IF=120 MHZ; VIDEO OUTPUT: 30 Hz to 4.5 MHZ, -3 to +7 DBM, 158-500 MV-RMS. NOISE FIGURE: 14-16 DBM. 50 OHM ANTENNA INPUT. HAS TWO METERS FOR CIRCUIT TEST AND ALIGNMENT PROCEDURES. RECEIVER USES 6BM6 KLYSTRON OSCILLATOR AND 28 OTHER TUBES. POWER SUPPLY HAS 18 TUBES. POWER REQUIRED: 115 VAC 60 Hz. SIZE: 19 $\frac{1}{2}$ x19 $\frac{1}{2}$ x19 $\frac{1}{2}$ (R-418); 12 $\frac{1}{2}$ x19 $\frac{1}{2}$ x19 $\frac{1}{2}$ (PP-690). SHPG. WT: 200 LBS. Unused, \$165.00



TMC SBE-3 OSCILLATOR, for use with TMC 2-32 Mhz xmitters and power amps; used, \$165.

T-282/GRC TRANSMITTER, single channel 100 W in 225-399.9 Mhz range; uses 3/4X150A's. Companion to R-278/GRC; 150 lbs. Used \$135.

0.2 TO 30 MHZ SSB

G133 HF RECEIVER, 0.2 to 30 Mhz SSB, AM, & CW in thirty continuously tunable bands. Set is a Collins 51S1 receiver repackaged by LTV-Tunco for military airborne use. It has extended lower frequency range plus a jack for a 14-600 KHz tuner, AM BFO, and extra electronic filtering. Crystal check points every 100 KHz. Final IF 500 KHz. AM BFO variable from 485 to 515 KHz. Controls for CW-LSB-USB-AM, Rejection Tuning, and meter switch RF--10DBM-ODEM. Input impedance: 50 ohms. Audio output impeded: 4 or 600 ohms. Matching phone patch impeded: 500-600 ohms. With tubes 5/6EAB, 3/6BA6, 2/12AX7, 2/6136, 6CD6, 5670, 6BF5, and 6AK6. Requires 115/230 VAC 50-60 or 400 Hz; also 24 VDC 168 ma for the AM BFO only. 6 $\frac{1}{2}$ x18 $\frac{1}{2}$ x13; 40 lbs sh wt. Used, repairable, \$695.00; Checked, \$850.00 COLLINS 51S1 MANUAL, \$15 w/purchase of G133.

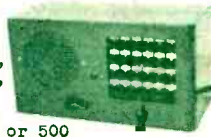


COLLINS 180L-3



COLLINS 180L-3 AUTOMATIC ANTENNA COUPLER, usable with transceivers in the 2-25 Mhz range, 50-180 watts. Automatically resonates an antenna to a transceiver's frequency and couples the RF signal between the transceiver and antenna. Also transmits and antenna. Also transfers antenna to receiver or receiver section after the transmitter is unkeyed. Coupler has 7-970 pf 3 KV vacuum variable capacitor and variable ribbon 32 uHY inductor; also smaller roller inductor and SWR meter circuit. Requires 28 VDC 3 amps, 250 or 400 VDC 35 ma, and 115 VAC 400 Hz 20 VA. 10 $\frac{1}{2}$ x7 $\frac{1}{2}$ x11 $\frac{1}{2}$, 24 lbs sh wt. Used, \$109.50; Manual, partial repro, \$10.

LS-128A/F INTERCOM STATION, consists of a three tube audio amp in metal cabinet w/speaker, Idle-Listen-Talk switch, and switching for upto 24 remote stations. In-put-remote impedance 50 or 500 ohms; speaker 45 ohms. Audio output: 2 $\frac{1}{2}$ watt. Includes terminal block on 5' cable and 6V6, 6X5, and 6S7 tubes. 13 $\frac{1}{2}$ x7 $\frac{1}{2}$ x7, 23 lbs sh. Used, \$18.95; unused \$27.95. Manual \$5/set.



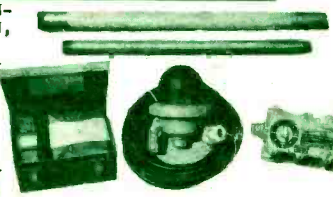
AIRCRAFT SIGHT



OPTICAL GUN SIGHT p/o AP3-59; has 3-3/8" dia convex lens, 4" dia polarizing filter, and two coated view glasses-one 4 $\frac{1}{2}$ " dia, the other 4" dia. Polarizer adjusts on scale marked VEL 25-50-100-200; 0-280 vernier scale for adjusting plexiglass viewing screen. Also includes 3 push buttons, bubble level, and transformer marked "47 WV." Plexiglass screen chipped at edges; no further info. Looks like item for the collector or experimenter. 8x7 $\frac{1}{2}$ x7, 15 lbs sh wt. #OPS-1900, used, \$22.95

INFRARED BEACON

US/X9B NAN INFRARED BEACON, originally used on landing craft or on shore for clandestine signaling. System consists of gray painted brass lamp assembly with 100 watt 12 VDC bulb and 4 $\frac{1}{2}$ " dia. X 4" high infrared glass dome, control box with manual signaling key (provision for automatic key), two section brass and wood 63" mast, 25' power cable, and steel spares box containing extra bulb, dome, and hardware. Infrared-sensitive optics required for detection of this beacon. Instruction book included. Stored by gov't. since 1945. Re-boxed in two 27 lbs cartons. Unused \$29.95



RT-311 TRANSCEIVER

RT-311/ARC-38 AM TRANSCEIVER, 2.0 to 25 Mhz from 20 preset channels. Frequency interval: 500 Hz (2.0-7.25 Mhz) and 1000 Hz (7.25-25.0 Mhz). Has autotune from channel to channel. Minimum peak output 100 watts (2-14.25 Mhz), 90 watts (14.25-25 Mhz). Antenna tune power: 50 watts. 40 db carrier suppression. Receives AM or CW; sensitivity 5 uv for 6 db signal (phone). Selectivity: 7.5 KHz min @ 6 db, 20 KHz max @ 60 db or 1.8 KHz min @ 6 db, 5 KHz max @ 60 db when in CW sharp position. Unit has VFO and 25 tubes including three 6159's in power amp. Requires 28 VDC, 600 VDC, 250 VDC, -50 VDC, -65 VDC and 6.3 VAC. Also 115 VAC 400 Hz for selsyn on PA inductor. 15 $\frac{1}{2}$ x8x23 $\frac{1}{2}$, 65 lbs sh. Used, not checked, \$85.00 MANUAL, partial repro, \$15. w/set purchase. COLLINS 618S-1 TRANSCEIVER, similar to RT-311/ARC-38 but without VFO. Crystal-controlled AM receiver, \$54.50. Schematic, \$3.00 618S-1/MC TRANSCEIVER, modified for SSB by RCA, xtal-controlled, \$99.95. Schematic, \$8.



RT-594/ARC-38A SINGLE SIDEBAND TRANSCEIVER, similar to RT-311/ARC-38 except has SSB capabilities. Used, not checked, \$145.00 RT-311/ARC-38 or RT-594/ARC-38A replacement modules removed from sets. Write your needs.



C-1398/ARC-38 CONTROL BOX for control and frequency selection of ARC-38. Twenty preset channels or manual in 500 Hz steps. With code book. Most functions operable with ARC-38A SSB set except for function switch which would have to be disabled and provision for side band reception added. 7 $\frac{1}{2}$ x5 $\frac{1}{2}$ x14, 14 lbs. Used, \$16.95; Schematic, \$2 if bought w/Box.

AIRCRAFT TRANSCEIVER

RT-524M AIRBORNE TRANSCEIVER mfg. by Aircraft Radio; covers 136.00 to 149.95 Mhz AM in 50 KHz crystal-controlled steps. 15 watts output. Has volume and squelch controls. Requires 24 VDC 6 amps. With tubes 8156, 2/8102, 6/6CW4, and 2/7587. Schematic not available. Size: 6 $\frac{1}{2}$ x3 $\frac{1}{2}$ x14; 10 lbs. sh. Used, no cover, \$54.95



GIBSON GIRL

T-74/CRT-3 SEA RESCUE TRANSMITTER, famous "Gibson Girl" used in WW-II and still used by U.S. Navy; operates on distress frequencies of 500 and 8364 KHz. Powered by hand-cranked generator and automatically sends SOS signals; can also be keyed by hand with 1 KHz tone or 500 KHz. Outer case dented but otherwise complete with AS-207 antenna wire, generator, and hand crank. 10x8x10, 18 lbs. Used, \$39.50 BC-778 TRANSMITTER, identical to T-74/CRT-3 but sold less antenna wire assembly, \$29.50



MANUALS FOR T-74 or BC-778, \$7.50 each BC-155 BAGS without lacing, used, \$16.00 ea M315 HYDROGEN GENERATOR with either lithium or calcium hydride crystals, dented can \$10. INFLATING TUBE for use with M315, \$2.50 M308B SIGNAL LAMP, connects to xmitter and lights when transmitting; unused, \$2.50 ea.

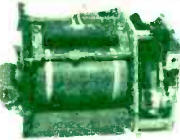


AM-1955/GRC AMPLIFIER CONVERTER USED WITH R-1148/GRC-55 RECEIVER FOR 600-1000 MHZ BAND. 17 MHZ IF. HAS 115 V 60 Hz MOTOR AS PART OF AFC SYSTEM. WITH TUBES 2C40A, 2/5842, 5654, 1N21B, 1N21WE. 150 VDC AND 6.3 VAC REQUIRED. SIZE: 15x9 $\frac{1}{2}$ x8; 30 LBS. SH. USED, \$50.00

2.8-3.0 GHZ OSCILLATOR



OSCILLATOR-AMPLIFIER ASSEMBLY with 726B klystron and two 717A tubes that were designed to be used in the 2800-3000 Mhz range. No further information available. 6x5x4, 7 lbs sh wt. Western Electric #D-150815, unused, \$18.



ROLLER INDUCTOR ASSEMBLY with motor drive. 3.4" long x 1.75" dia. coil; 28 turns #18 wire. Approx. 14 uHy with center tap. 115 VAC 400 Hz 20 watt motor turns the coil. Originally used to automatically resonate an antenna to a transceiver's frequency.

O/A 4x2x3 1/2; 5 lbs. sh. #T301/CU-991, \$14.95

CRYSTAL CALIBRATOR, utilizes 100 KHz crystal to generate harmonics in three ranges: 10 KHz, 100 KHz, and 1000 KHz. Works from 1-30 Mhz on 1000 KHz, 100 KHz-10.5 Mhz on 100 KHz, and 10 KHz-10 Mhz on 10 KHz. Designed for use with Canadian No. 19 Mark III receiver-transmitter. Has three 12SC7 tubes; requires 12 VDC 500 ma, 265 VDC 2.5 ma. 2x9x4 1/2, 7 lbs sh. Used, \$12.95



TRANSISTORIZED GUARD RECEIVER / modified RT-178/ARC-27; replaces tube type. Designed for single guard channel in 238-248 Mhz range. 1st IF 25.1 Mhz; 2nd IF 3.45 Mhz. Has detector, noise limiter, and AVC sections; 4/2N1745 transistors and 25.1 Mhz filter. IF, RF, and audio sections are gold-washed. 8x4x4, 6 lb sh wt. #5821-953-9695, used, \$12.95

VFO - EXCITER - MOD

VFO-MASTER OSCILLATOR FROM THE T-195 TRANSMITTER; GENERATES FREQUENCY OF 1.5 TO 3 Mhz. HAS 5749 OSCILLATOR TUBE AND 5749 BUFFER-AMP TUBE. WITH 3/8x1/16" DIA. SHAFT. 2x3x3x7, WT: 5 LBS. VFO/T-195, REMOVED F/EQUIPMENT,



\$7.95

EXCITER STAGE FROM T-195, USED TO AMPLIFY VFO OUTPUT AND SUPPLY DESIRED TRANSMITTING FREQUENCY TO POWER AMP. SLUG TUNED IN RANGES (1.5-3), (3-6), (6-12), AND (12-20) Mhz. WITH TUBES 6AU6, 2/6AK6, AND 5763. SIZE: 4x3x3x8, 12 LBS. EXC/T-195,



\$14.95

MODULATOR F/T-195, DESIGNED TO PROVIDE PROPER AUDIO POWER TO MODULATE POWER AMP AND SUPPLY SIDETONE. 300 HZ AND 3500 HZ BANDPASS. W/TUBES 5726, 2/12AT7, 5814. LESS 4X150 TUBES AND SOCKETS. 8x6x4 1/2, 6 LBS. \$10.95

TRANSISTOR RADIOSONDE

TRANSISTORIZED RADIOSONDE WITH CLOCKWORK TIMING MECHANISM (NO KEY); USED IN METEOROLOGICAL OBSERVATION OR SIMILAR APPLICATIONS REQUIRING AN EXTREMELY LIGHT-WEIGHT TRANSMITTER. UTILIZES A 2-TRANSISTOR MODULATOR AND A 2-TRANSISTOR TRANSMITTER CIRCUIT. TRANSMITTER HAS A 7533 INTEGRAL CAVITY TUBE WHICH FUNCTIONS AS THE TUNED CIRCUIT FOR THE OUTPUT: 1660-1700 Mhz, 575 MW (NO FURTHER DATA). WITH HUMIDITY ELEMENT. TRANSMITTER SIZE: 2 1/2" DIA. X 6"; OVERALL SIZE: 7x4x5 1/2. SHPG. WT: 4 LBS. FRIEZ #3002, UNUSED, \$9.95



T-69F/AMT-2 RADIOSONDE TRANSMITTER ONLY. F-2 EMISSION (FM) 390 TO 410 MC RANGE WITH TUBES 5703 AND 5910. REQUIRES BB-208 DRY CELL BATTERIES (SOLD SEPARATE). SIZE: 6x5x2 1/2 WT: 2 LBS. \$1.50 BB-208 DRY CELL BATTERY SET WT: 1 LB. \$2.00



TCS RECEIVER



NAVY TCS RECEIVER COVERS 1.5 TO 12 Mhz AM IN THREE BANDS; CONTINUOUS TUNING OR FOUR CRYSTAL-CONTROLLED CHANNELS. AUDIO OUTPUT: 1.5 MW INTO 500 OHM LOAD. WITH TUBES 2/12A6, 12SA7, 3/12SK7, AND 12SC7. POWER REQUIRED: 220 VDC 100 MA AND 12 VDC SIZE: 11x11x13 1/2; SHPG. WT: 42 LBS. NET: 37 LBS. PRICE: USED, REPARABLE, \$19.95 CHECKED, \$50.00

BALLISTICS CONTROL



SPERRY C-1 BALLISTICS CONTROL, appears to have been part of aircraft bombardier's equipment. Has controls and dials for "Time of Fall," "Trail," "Altitude," "N-S Offset," and "E-W Offset." Also contains selsyns six AY-232, two AY-201, and two Sperry R5663478. Looks like a nice aviation collectors item. 12x8x7 1/2, 22 lbs sh. Used, \$22.00

BENDIX TRANSMITTER

BENDIX TA-12B TRANSMITTER, 40 WATTS OUTPUT CW, MCW AND PHONE FROM 300 TO 600 KHZ AND 3000 TO 7000 KHZ. EACH OF THE FOUR CHANNELS HAS ITS OWN OSCILLATOR, OSC. TUNING, AND LOADING. 0-5 RF AMMETER MONITORS ANTENNA CURRENT. WITH TUBES 4/12SK7 AND 3/807. ORIGINALLY USED WITH MP-28B 24 VDC 15 AMP DYNAMOTOR-MODULATOR (NOT AVAILABLE). POWER REQUIRED: 24 VDC 3 AMPS, 260 AND 400 VDC EXTERNALLY MODULATED. SIZE: 10x11x11; WT: 40 LBS. USED, \$39.50



MIRRORED REFLECTOR



INFRARED NIGHT VISION REFLECTOR originally used on tanks. 23"x16" mirrored surface focuses light about 12" above center. Heat created can "smoke" wood on sunny day. 4 1/2" fall from extreme perimeter to center. Surface may have scratches. Nice experimenter's item. 12 lbs, used, \$25.

ACCURAY SWITCH DEVICE

ACCURAY DIGITAL SWITCH, has access key lock that actuates a SPDT switch connected in circuit to a lighted push button "enter" switch. Unit also has four section decimal-coded thumb switch--each section numbered 0 thru 9--and 15" input/output cable with flange connector. In 8x4x5 steel case with flange mount. 8 lbs shwt. #ACCU-DS, used, \$12.95



INTRUSION



MALLORY INTRUSION ALARMS, hang on inside door knob and set sensitivity. Alarm sounds when outside door knob is touched. Works on capacitance discharge. Will not work with steel doors. 2 lbs sh. NEW. #DRS-AC, loud clacker, 115 VAC 60 Hz, \$8.95 #DRS-DC, w/Sonalert, 9 V battery req., \$9.95



GRAB BOX ASSORTMENT OF USED AND UNUSED MANUFACTURERS AND GOVERNMENT SURPLUS ELECTRONIC PARTS SUCH AS ASSEMBLIES, MOTORS, COILS, TRANSFORMERS, CHOKES, CIRCUIT BOARDS, CAPACITORS, RESISTORS, AND OTHER USABLE ITEMS. PACKED IN 50 LBS. CARTONS. \$7.50 EA. OR TWO CARTONS FOR \$13.00.

SHIPPED VIA UPS WITH FREIGHT CHARGES VARYING FROM \$5 TO \$16 PER CARTON. ALLOW FOR FREIGHT. GRAB BOX IS GOOD FILLER TO TAKE ADVANTAGE OF MOTOR FREIGHT 150 LBS. MINIMUM WEIGHT RATES.

DIGITAL DISPLAY



BASKET BALL FOUL INDICATOR

DIGITAL DISPLAY: EACH UNIT WILL SHOW NUMBERS 0 TO 9 ALSO \$ SIGN 3-3/16" HIGH ON 3 1/2x4 SCREEN THAT CAN BE SEEN FOR QUITE A DISTANCE. OPERATES FROM 6.3 VAC. CAN BE ADAPTED FOR BASKETBALL FOUL INDICATOR BY PLACING ONE OVER EACH SCOREBOARD AND HAVE A CONTROL PANEL CONSISTING OF 5 SWITCHES AND TRANSFORMER AT THE SCORER'S TABLE. (WIRING DIAGRAM FURNISHED ON REQUEST) CAN ALSO BE ADAPTED FOR USE AS A MOVING READOUT BOARD. SIZE: 3 1/2x5 1/2x11 1/2; WT: 7 LBS. PRICES: \$3.95 EA. 3 FOR \$10.00

WEBCOR RECORDER



WEBCOR TAPE RECORDER, plays and records @ 3 1/2 or 7 1/2 ips; accepts upto 7" dia reels. Has standard features fast forward/rewind plus edit lever, footage counter, and 20-0-20 record level indicator. Also mic, bridge, and external speaker jacks, and built-in speaker. Monaural use only; 100-10000 Hz response @ 7 1/2 ips. Mic input impedance: 500K ohms. With tubes 12AU7, 12AX7, 6X4, 6BQ5, 6HU6, & 7025. Requires 115 VAC 60 Hz. 13x12x7 1/2, 32 lbs sh. Units checked for basic playback/record; may need further adjustments. Mic and reels not included. #WEBCOR-173B, used, \$34.95 MANUAL for above, partial repro, \$8.50

NICAD TEST



AN/USM-63 BATTERY TESTER, includes TS-737 meter and MX-1678 load box. Tests ni-cad batteries with or without load and charging. Range: 1-1.7 VDC using probe; 25.2-34.1 VDC at binding posts. TS-737 (8x6x4 1/2) is dual range voltmeter with 2.8 ohm load resistor. MX-1678 (14x6 1/2x5 1/2) has two 5.6 ohm 300 W resistors in parallel. 18 lbs sh. USM-63, Used, \$30.00.



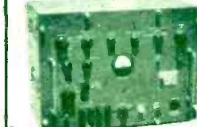
WPT-2 TRANSISTORIZED WIRELESS AMPLIFIER BY FANON; DESIGNED FOR USE WITH CALL-ORIGINATOR BOX (NOT AVAILABLE) AS A PAGING/INTERCOM SYSTEM WITHOUT LINES. 4 WATTS PEAK. OPERATES FROM 115 VAC 60 HZ AND MUST BE IN SAME AC CIRCUIT AS THE CALLING BOX. USABLE WITH TWO 8 OHM SPEAKERS OR THREE OR FOUR 45 OHM ONES. MAY BE MOUNTED INDOORS OR OUT. SIZE: 4x8 1/2x3; SH WT: 5 LBS. UNUSED, W/INFO, 5.95

ANTI-JAMMING TRAINERS

AN/ULT-T2 (15X12) X-BAND INTERFERENCE TRAINER, a low power transmitter in the 8500-9600 Mhz range designed to train radar operators in anti-jamming techniques. Unit can be manually tuned and modulated by a sine or square wave, pulse, noise, or modulation from an external source. Has controls for CW, 5-16 Mhz/sec sweep, 250-500 -1100 Mhz sweep sector, percent modulation, and pulse width 1-5 usec. Frequency modulation 15 Hz-15 KHz variable and fixed 50 or 100 KHz. Audio output impedance 600 ohms. Designed to be used within 50 feet of radar. Uses 2K45 klystron. Requires 115 VAC 50-400 Hz; with antenna horn and transit case. 13 1/2x19 1/2x19 1/2, 110 lbs sh wt. Used, \$39.50 \$80.



AN/ULT-T4 (15X18) INTERFERENCE TRAINER, similar to ULT-T2 except covers L-Band (1220-1350 Mhz) and uses 2C36 klystron. With antenna horn and transit case. 17 1/2x23 1/2x18 1/2, 100 lbs sh. Used, \$105.00 \$85. MANUALS for ULT-T2 or ULT-T4, \$10 each w/set.




Control Boxes Filters Indicators Tuning Units Amplifiers


ALARM BELL
OPERATES FROM
24 VOLT D.C.
SIZE: 4 1/2" x 4 1/2" x 2 1/2"
WT: 1 LB #561-3
NEW \$1.95




BC-1361 SWITCH BOX
w/bullseye light,
2 water-proof conn
4PST switch, SPST
mom. sw., and two
binding posts.
6 1/2" x 5 1/2" x 2 1/2", 2 lb. \$3.



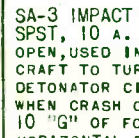
AZIMUTH
MN-52H AZIMUTH
CONTROL has spin
knob for rotating
MN-20-24 or simi-
lar antenna loops
which require
MC-124 spline.
360 azimuth in-
dicator pointer moves as
loop is turned. 5 1/2" x 3 1/2" x 1 1/2",
3 lbs. Unused, \$6.95




**C-87/ART-13 PILOT
CONTROL f/ART-13
transceiver; has
two 1 1/2" dia cera-
mic rotary switch
(one 1-deck 12-
position; other
2-deck 5 pole 3-
pos), mic
jack, pilot light, and 2
knobs. 3 1/2" x 6 3/4", 2 lb. \$4.00
C-87 w/o switches, knob \$1**



**SA-3 IMPACT SWITCH
SPST, 10 A. NORM.
OPEN, USED IN AIR-
CRAFT TO TURN ON
DETONATOR CIRCUIT
WHEN CRASH OCCURS
10 "G" OF FORCE,
HORIZONTAL PLANE. \$1.95 EA.**



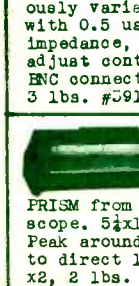
**LS-230 INTERCOMM-
UNICATION STATION
CONTROL BX
CONTAINS 3 ROT-
ARY 3 POSITION
LEVER CONTR. SW
1 LEVER SW. DP
DT CENTER OFF,
1 LEVER SW. SPST 1 SIDE,
OTHERSIDE SPST MOM. & CENTE
OFF. 3 LITE IND. PHONE &
MIKE JACK & 1 MIN. TRANSFOR
50 TO 500 OHM. SIZE: 7 1/2" x 5 1/2" x 2 1/2";
WT: 3 LBS. PRICE: \$5.95**




DELAY LINES
DELAY LINE ASSEMBLY with
three KSC 71-26-1 continu-
ously variable DL's, each
with 0.5 usec delay, 750
impedance, and screwdriver
adjust control. Also five
ENC connections. 10 1/2" x 2 1/2" x 2 1/2",
3 lbs. #2915-650-3805




PRISM
PRISM FROM M41 tank peri-
scope. 5 1/2" x 1 1/2" view area.
Peak around corners or use
to direct light. O/A 6 1/2" x 2 1/2"
x 2, 2 lbs. Used \$2.75 2/\$3.




**RIGHT ANGLE
DRIVE vernier
control, 1 1/2"
dia. dial, w/
lock & coup-
ling f/1/4" shf
3-hole mtg. #TU-10RA, \$2.**



ARC-5 BOXES
BC-450 RECEIVER CONTROL f/
tuning upto 3 receivers.
W/dials 190-550 Khz, 3-6
Mhz, & 6-9.1 Mhz; CW-off
-MCW switches, volume con-
trols, and phone jacks.
9 1/2" x 5 1/2" x 3, 3 lbs. Unused \$8.



RF TUNER
from R-19/
ARC 118-148
Mhz recei-
ver. Consists
of 4-gang capaci-
tor with geared
drive for MC-215 spline,
ENC RF connection, and
tubes 3/9003 and 1/9002.
Silver-plated chassis. 4 1/2" x
3 x 3, 3 lbs. Unused.
ARC #15176 \$12.95



**RM-52 Remote
Control used
for radio
and intercom
set. Has
transformer,
mic & phone jacks. Source
for Phone Patch project.
7 1/2" x 3 1/2" x 5, 5 lbs. Used, \$4.**

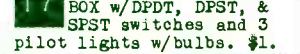
- *****
- MAKE
- MACY'S
- PHONE
- PATCH
- *****



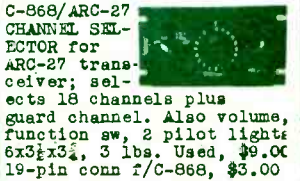
MAR CONTROL BOX,
contains 3-SPST
switches, two
phone & mic jacks
(all waterproof)
and one dual pot w/dial
knob. 5 1/2" x 5 1/2" x 3, 3 lbs sh.
#CMX-23429, unused, \$2.00




**7-DOLLAR DAZE- CONTROL
BOX w/DPDT, DPST, &
SPST switches and 3
pilot lights w/bulbs. \$1.**



**C-868/ARC-27
CHANNEL SEL-
ECTOR for
ARC-27 trans-
ceiver; sel-
ects 18 channels plus
guard channel. Also volume,
function sw, 2 pilot lights
6x3 1/2" x 3 1/2", 3 lbs. Used, \$9.00
19-pin conn f/C-868, \$3.00**



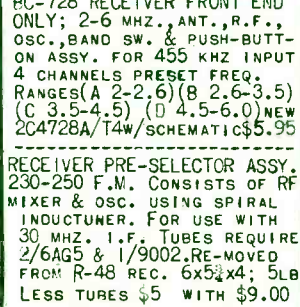
MAGNET
7" long, 3"
high, 2 1/2" wd.
6-3/4 lbs.
#SK-MAG
Seems to
have good power. \$10.00



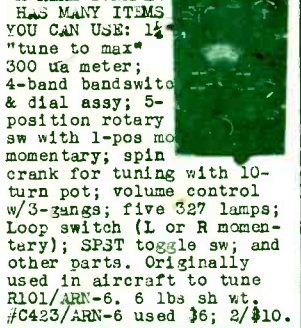
**BC-728 RECEIVER FRONT END
ONLY; 2-6 MHZ., ANT., R.F.,
OSC., BAND SW. & PUSH-BUTT-
ON ASSY. FOR 455 KHZ INPUT
4 CHANNELS PRESET FREQ.
RANGES (A 2-2.6) (B 2.6-3.5)
(C 3.5-4.5) (D 4.5-6.0) NEW
2C4728A/T4w/SCHEMATIC \$5.95**



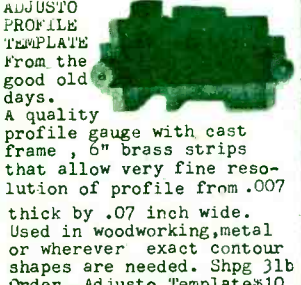
**RECEIVER PRE-SELECTOR ASSY.
230-250 F.M. CONSISTS OF RF
MIXER & OSC. USING SPIRAL
INDUCTOR. FOR USE WITH
30 MHZ. I.F. TUBES REQUIRE
2/6AG5 & 1/9002. RE-MOVED
FROM R-48 REC. 6x5 1/2" x 4; 5LB
LESS TUBES \$5 WITH \$9.00**



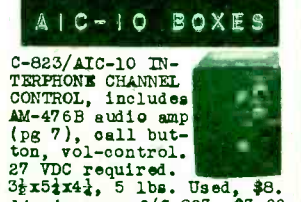
**-A REAL BONANZA-
HAS MANY ITEMS
YOU CAN USE: 1 1/2"
"tune to max"
300 ua meter;
4-band bandswitc
& dial assy; 5-
position rotary
sw with 1-pos mo-
mentary; spin
crank for tuning with 10-
turn pot; volume control
w/3-gangs; five 327 lamps;
Loop switch (L or R momen-
tary); SPST toggle sw; and
other parts. Originally
used in aircraft to tune
R101/ARN-6. 6 lbs sh wt.
#C423/ARN-6 used \$6; 2/\$10.**



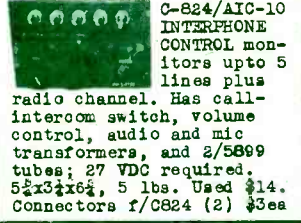
**ADJUSTO
PROFILE
TEMPLATE**
From the
good old
days.
A quality
profile gauge with cast
frame, 6" brass strips
that allow very fine reso-
lution of profile from .007
thick by .07 inch wide.
Used in woodworking, metal
or wherever exact contour
shapes are needed. Shpg 3lb
Order--Adjusto Template \$10



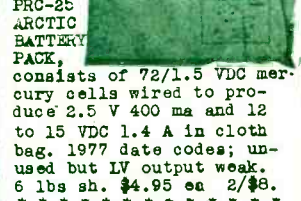
AIC-10 BOXES
C-823/AIC-10 IN-
TERPHONE CHANNEL
CONTROL, includes
AM-476B audio amp
(pg 7), call but-
ton, vol-control.
27 VDC required.
3 1/2" x 5 1/2" x 4 1/2", 5 lbs. Used, \$8.
14-pin conn f/C-823, \$3.00



**C-824/AIC-10
INTERPHONE
CONTROL moni-
tors upto 5
lines plus
radio channel. Has call-
intercom switch, volume
control, audio and mic
transformers, and 2/5899
tubes; 27 VDC required.
5 1/2" x 3 1/2" x 6 1/2", 5 lbs. Used \$14.
Connectors f/C824 (2) \$3ea**



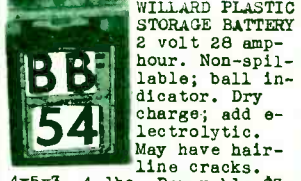
**BA-399R/
PRC-25
ARCTIC
BATTERY
PACK,**
consists of 72/1.5 VDC mer-
cury cells wired to pro-
duce 2.5 V 400 ma and 12
to 15 VDC 1.4 A in cloth
bag. 1977 date codes; un-
used but LV output weak.
6 lbs sh. \$4.95 ea 2/\$8.



**NICAD BATTERY, rechargea-
ble 4.8 VDC 500 ma; 1 1/2" x
1 3/8". #4/500DKZ, NEW, \$4.**



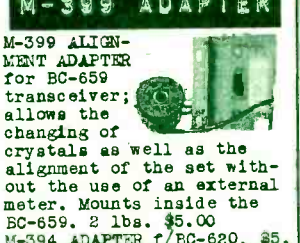
**WILLARD PLASTIC
STORAGE BATTERY
2 volt 28 amp-
hour. Non-spil-
lable; ball in-
dicator. Dry
charge; add e-
lectrolytic.
May have hair-
line cracks.
4x5x3, 4 lbs. Repairable \$3.**



**RUBBER 4 lbs #4 \$4.45
SHOCK 6 " #6 .50
MOUNTING 10 " #10 .60
12 " #12 .65
16 " #16 .75
24 " #24 1.00
35 " #35 1.25**



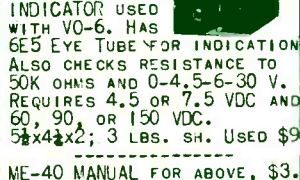
M-399 ADAPTER
M-399 ALIGN-
MENT ADAPTER
for BC-659
transceiver;
allows the
changing of
crystals as well as the
alignment of the set with-
out the use of an external
meter. Mounts inside the
BC-659. 2 lbs. \$5.00
M-394 ADAPTER f/BC-620, \$5.



**VO-6 OSCILLATOR
CRYSTAL CONTROL
4.3 MHZ; VARIA-
BLE 0-100 U-V
OUTPUT. USED
WITH VARIOUS
SETS HAVING 4.3
MHZ IF. W/1T4
TUBE. REQUIRES 1.5 AND 67.5
VDC. 5x5x3 1/2, 5 LBS. USED \$8**



**1-210 ALIGNMENT
INDICATOR USED
WITH VO-6. HAS
6E5 EYE TUBE FOR INDICATION
ALSO CHECKS RESISTANCE TO
50K OHMS AND 0-4.5-6-30 V.
REQUIRES 4.5 OR 7.5 VDC AND
60, 90, OR 150 VDC.
5 1/2" x 4 1/2" x 2; 3 LBS. SH. USED \$9**




ME-40 MANUAL FOR ABOVE, \$3.



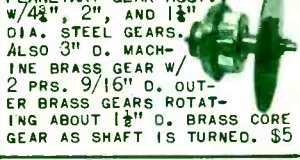
**SWITCH ASSY.
FUEL LEVEL
CONTROL.**
24 vdc 3 amp.
7" cylinder, 2 1/2" dia.
United Controls N7-1-16 \$10



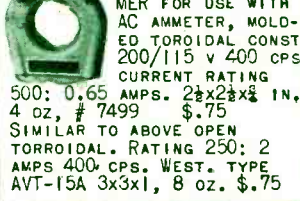
**REMOTE MALFUNG-
TION ALARM BOX,
-12 VDC APPLIED
TO TERMINALS AC-
TUATES 6 V BUZ-
ZER. W/2 2500 4
MA RELAYS. USES
4 "D" BATTERIES (NOT INCLD)
5 1/2" x 5 1/2" x 2 1/2"; 4 LBS. #E54R1, \$5**



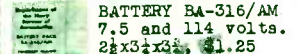
**PLANETARY GEAR ASSY.
w/4 1/2", 2", AND 1 1/2"
DIA. STEEL GEARS.
ALSO 3" D. MACH-
INE BRASS GEAR W/
2 PRS. 9/16" O. OUT-
ER BRASS GEARS ROTAT-
ING ABOUT 1 1/2" O. BRASS CORE
GEAR AS SHAFT IS TURNED. \$5**




**CURRENT TRANSFOR-
MER FOR USE WITH
AC AMMETER, MOL-
DED TOROIDAL CONST
200/115 V 400 cps
CURRENT RATING
500; 0.65 AMPS. 2 1/2" x 2 1/2" x 1 1/2" IN,
4 oz, # 7499 \$.75
SIMILAR TO ABOVE OPEN
TOROIDAL. RATING 250; 2
AMPS 400 CPS. WEST. TYPE
AVT-15A 3x3x1, 8 oz. \$.75**




**WATER-ACTIVATED
BATTERY BA-316/AM
7.5 and 114 volts.
2 1/2" x 3 1/2" x 1 1/2", \$1.25**



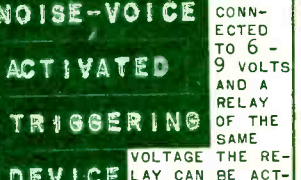
**BB-600 NI-CAD CELL,
1.2 V 34 amp-hour.
4 1/2" x 2 1/2" x 1 1/2", 2 lbs. Used \$5.95
BB-435 BATTERY, 19-cells
total 24 V 34 AH 2 hour rate
14x10x7, 84 lbs. Used \$85.
BB-652 NI-CAD CELL, 1.2 V
13 AH; 4 1/2" x 2 1/2" x 1 1/2". Used, \$3.**



**RATE-GYRO
No. 8511364
28 VOLTS D.C
GYRO MOTOR
WITH POTEN-
TIOMETER.
WESTERN
ELECTRIC
GA-10147--3
SIZE: 2 1/2" x 2 1/2" x 4; WT: 3LB. \$8.95**



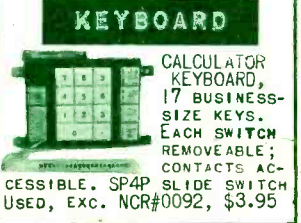
**NOISE-VOICE
ACTIVATED
TRIGGERING
DEVICE**




WHEN
CONN-
ECTED
TO 6 -
9 VOLTS
AND A
RELAY
OF THE
SAME
VOLTAGE THE RE-
LAY CAN BE ACTI-
VATED BY NOISE
OR VOICE. UNIT CONSISTS OF
CRYSTAL MIC. TRANSISTOR, SCR
2 CAP. 3 RES. AND A TRIMMER
POT. FOR ADJUSTING SENSITI-
VITY. W/SCHEMATIC/LESS BATT
AND RELAY. SIZE: 1 1/2" x 1"; 2 OZ.
LEE#5355, \$1.00 EACH.

INDICATOR N-S E-W
W/GEAR TRAIN, IN-
NER & OUTER DIALS
COUPLED TO 20,000
OHM 1% POT.U WITH
APA-44. 3 1/2" x 4 1/2" x 1 1/2"
N-S #153223 \$4.95
E-W #153229 \$4.95


KEYBOARD
CALCULATOR
KEYBOARD,
17 BUSINESS-
SIZE KEYS.
EACH SWITCH
REMOVEABLE;
CONTACTS AC-
CESSIBLE. SP4P
SLIDE SWITCH
USED, EXC. NCR#0092, \$3.95



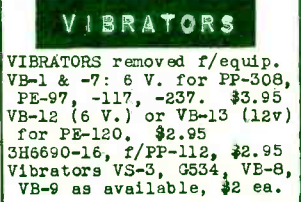
KEYBOARD
16 KEY KEYBOARD
BY MICRO SWITCH
CONTACTS RATED
12V 6MA TO SINGLE
COMMON BUS.
BUTTONS .5x.5x.2. 0 THRU 9
RESET, DELETE, CARD NO.,
\$ AMT, PROCESS, FCT. SIZE
3x3x1 #16NW3-44 NEW \$6.95



UNIPULSER
DURANT UNI-
PULSER II
COUNTER, e-
lectromech-
anical type
requires 24
VDC pulse;
36 Vrms half
wave AC for reset. Has aux-
iliary low current con-
tacts for remote indication
or control. 1 1/2" x 4 1/2" x 1 1/2"
per
counter. Unused w/PCB sock-
ets. Bank of three, \$6.00
" " four, \$8.00

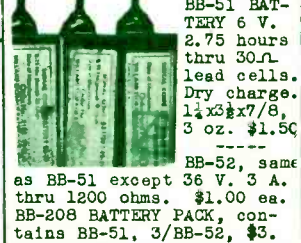


VIBRATORS
VIBRATORS removed f/equip.
VB-1 & -7: 6 V. for PP-308,
PE-97, -117, -237. \$3.95
VB-12 (6 V.) or VB-13 (12V)
for PE-120. \$2.95
3H6690-16, f/PP-112, \$2.95
Vibrators VS-3, 0534, VB-8,
VB-9 as available, \$2 ea.



**BB-51 BAT-
TERY 6 V.
2.75 hours
thru 30L
lead cells.
Dry charge.
1 1/2" x 3 1/2" x 7/8,
3 oz. \$1.50**

BB-52, same
as BB-51 except 36 V. 3 A.
thru 1200 ohms. \$1.00 ea.
BB-208 BATTERY PACK, con-
tains BB-51, 3/BB-52, \$3.



PUSH-TO-TEST



PUSH TO TEST INDICATORS WITH MARKINGS ALSO HAVE CLEAR & AMBER LENSES.

KORRY MFG., ALL UNUSED. KORRY 260 Push-To-Test Indicators, Double Lamphole with Miniature Bayonet Bases. 1 1/2" x 2 1/2" x 2 1/2" dia. NEW. CHOOSE FROM THESE LENS INSCRIPTIONS: POWER, PHASE B POWER, 28 VDC OR 24 VOLTS DC. \$1 EA, 3/\$2

KORRY 260 Indicators with rocket launch-related inscriptions: UNLOCK, TESTING, COMPONENTS TEST POWER ON, HEATER 1-2-3, CENTER, IN OVERFLOW, IN LOWER LEVEL, IN UPPER LEVEL, 100% LIQ OXY, LIQ OXYGEN FINE, FUEL TANK PRESSURIZED, COOLANT FILL, IGNITER, 40 C THERMOSTAT, AIRBORNE POWER SUPPLY, LOX THROT VALVE HEATER. Price: 75¢ ea or 4 for \$2. ASSORTMENT OF ROCKET LAUNCH INDICATORS, NO CHOICE, 6/\$2

KORRY 136 PUSH-TO-TEST INDICATORS, SINGLE LAMPHOLE WITH MINIATURE BAYONET BASE 1 1/2" x 2 1/2" x 2 1/2" dia. INSCRIPTIONS: STANDBY, OVER-LOAD; LOW; MALF. 65¢ 2/\$1.

KORRY 103 INDICATOR, PUSH-ON RED PLASTIC CAP; PLASTIC BODY. 5/8" SINGLE HOLE MOUNT. #5167, 50¢ ea. 3/\$1.

LAMP HOLDERS FOR 327 LAMPS 3/8" HOLE MTG. FLAT TOP LENSE 3/8" DEEP, WHITE LENS NUMBERED 1 to 9, YELLOW ("MAX"), RED, AMBER, AND GREEN. SPECIFY. #6210-617-0934, 39¢ ea. #327 LAMP FOR ABOVE, 39¢ NEON CYLINDRICAL TYPE LITE

ELEMVA V W/RES. 3/8x1 1/4" #2685 28v .04A 1/4x7/8 OBLONG SLIP IN TYPE NEON 1/2x1-3/8" 125v. #3100 USED ALL ABOVE 3 FOR \$1.00



SUB-MINIATURE NEON PILOT LIGHT ASSEMBLY. FLUTED 5/16" DIA. CLEAR JEWEL. BASE IS FEMALE PART FOR A THREE PRONG PLUG WITH 1/16" DIA. HOLES IN ISOSCELES TRIANGLE PATTERN. MOUNTS IN 3/8" HOLE. 0" TO 3/8" SURFACE CLEARANCE. 1 3/8" LONG. INCLUDES BULB. USED. 110V. P1L007 \$.25 5/\$1.00

SINGLE TERMINAL AND CONTACT SUB-MINIATURE DIMMER PILOT LIGHT. MECHANICAL DIMMER VARIES SIZE TO COMPLETE DARKNESS. REQUIRES T-1 1/2 BULB. 5/16" DIA. SMOOTH RED JEWEL. MOUNTS IN 7/16" HOLE. 1 3/8" LONG. LESS BULB. NEW. 6210-643-4087 \$.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET TYPE. CLEAR STOVEPIPE, SMOOTH 5/8" DIA. JEWEL. MOUNTS IN 1 1/16" HOLE. SURFACE CLEARANCE IS 0" TO 3/8" 2 1/8" LONG. LESS BULB. USED. P1L008 \$.39

PILOT LIGHT WITH SINGLE CONTACT, CANDELABRA SCREW TYPE BASE. 1" DIA. RED-FACED JEWEL. MOUNTS IN 1" HOLE WITH SURFACE CLEARANCE OF 0" TO 1/2". 2 1/2" LONG. LESS BULB, UNUSED. P1L003 \$.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. 3/8" DIA. SMOOTH. GREEN JEWEL. MOUNTS IN 5/8" HOLE WITH A SURFACE CLEARANCE OF 0" TO 1/2". 2 1/16" LONG. LESS BULB, UNUSED. P1L004 \$.49

PILOT LIGHT JEWELS, 1/2" dia for 3/8" dia threaded assy. Ass't colors. Series-F 6/\$1 WHITE SWITCHBOARD JEWELS, 3/8" dia. #4C1971, 10/\$1.

500 KHZ FILTER



COLLINS 500 KHZ FILTER ASSEMBLY consisting of nine adjustable coils and associated capacitors on 2x1x6 enclosed chassis. Uses MB style miniature connector. Units are checked, but may need alignment. Collins part #542-4777-004, \$5.00 Above, need repair, 2/\$4.00

INDUCTORS

FERRITE POT CORE INDUCTORS, PC mount; 7/8x2 1/2" dia. NEW. 123-177 mH, #NW243, \$1.50 600 mH, #404-3-2, \$1.50 TORROIDAL COILS, 5/16x1 dia 150 mH, #403-1-1, 85¢ ea. TELEPHONE PICK UP COIL used in modem data coupler; no specs. 5/8x1 1/2" dia #403-4 \$1

MEISSNER PLUG-IN COILS, 3 in set including osc-grid, osc-plate, & buffer. # KHZ PRICE 302500-51 2040-2410 \$1.50 325000-52 2395-2835 1.75 Standard 4-5-6 prong sockets required for each set.

NATIONAL NC-100 ASC CW OSC tuning coil, 456 KHz, \$3. BC-348Q RECEIVER IF COILS 1st IF 9A1952 #147 \$3.00 2nd IF 9A1953 #148 3.00

BUD TRANSMITTING PLUG-IN COILS on 5-pin ceramic base #3C804 40 meters \$1.50

COLLINS FILTER

COLLINS MECHANICAL FILTERS Used, repairable @ \$3 each: #526-9039-00 F250-A67 #526-9130-00 F250-24 #526-9311-00 F300-25 #526-9312-00 F300-24 Used, repairable @ \$8 each: #526-9309-00 F455-Q2 #526-9310-00 F455-Q3 #526-8088-00, 21.605 Mhz; (5895-980-9828) NEW \$20. #526-9369-00, F64-27; (5915-724-6633) NEW \$22. #526-9089-00, F455-J31, NEW \$40.

MOTOROLA MECHANICAL FILTER on assemblies; F-307 type: 438 KHz \$3.00; Assembly with 450 & 480 KHz, \$6.95

TERMINAL LUGS, insulated for 22-18 wire. Specify ring or spade tongue style. 15/\$1.00 100/\$4. 1K/\$25. AVIKRIMP quick connect: #AA8140 or M8136 (26-24) 12/\$1.00 100/\$7. 1K/\$35.

FLUTED KNOBS



HEAVY DUTY SPIN KNOB, 2 1/2" dia; 1" H spin handle. Brass insert 1/2" shft \$3.

LUXITROL KNOB, 2-3/8" dia. w/pointer; fits 3/8" dia. shaft, \$1.50

#9682 KNOB, 2 1/2" across flutes; 3" dia. skirt. F/1 1/2" dia. shaft, \$1.25

7 1/2" dia. WHEEL-TYPE CONTROL, fits 3/4" dia. shaft. 2 lbs. W/pointer \$4.95 Without, \$3.95

HEWLETT-PACKARD knob from test equipment, 1-3/8" dia skirt, 1/2" high; brass insert for 1/2" shaft. \$1.00

1-5/8" DIA. FLUTED KNOB W/2" SKIRT; FITS 1/2" SHAFT. URC# S-649, \$1.25 NEW

1 1/2" DIA. FLUTED KNOB WITH SKIRT AND POINTER. BRASS INSERT FOR 1/2" SHAFT. KBNB005 \$.25

MODERN GREY KNOB w/fine-ribbed side. 1 1/2" dia x 9/16" H. F/1/2" dia sh. #7577 NEW \$1.

1 1/2" dia fluted knob with 2 1/2" dia skirt; brass insert 1/2" shft. #0728 NEW \$1.00

1" DIA. FLUTED KNOB WITH BRASS INSERT FOR 1/2" SHAFT. KBNB008 \$.25

ALL THE ABOVE KNOBS ARE OF SET SCREW TYPE.

SPIN KNOBS

2" DIA. METAL FLUTED SPIN KNOB FOR 5/32" SHAFT. KBNB009 \$.79

2 1/2" DIA. SPIN KNOB. METAL. TAKES 3/16" SHAFT. #8089 NEW \$2.00

MAKE ANY FLAT KNOB A SPIN 1 1/2" ADAPTER WITH 3 HOLES, TO FASTEN TO YOUR KNOB, WITH SPIN GRIPPER #225816-3 \$1.00

1-5/8" DIA. METAL SPIN KNOB F/3/8" SHAFT. URC#KNO2, \$1.50

1 1/2" DIA. FLUTED KNOB W/1 1/2" SKIRT; BRASS INSERT FOR 3/8" SHAFT. URC#KNO4, \$.50

1-5/8" DIA. FLUTED KNOB W/2" SKIRT; BRASS INSERT FOR 3/8" SHAFT. URC#KNO3, \$.75

Brown 1" dia x 1 1/2" high knob for 1/2" shft. #KNO25, 2/25¢

HAMMARLUND DIAL #31227-3 2 1/2" silver skirt marked 10 to 0; 1-5/8" dia knurled knob. #E921, NEW, \$1.50

MATCHED KNOBS, rounded edge w/4 sets of 4 hash ridges. Looks like old Hammarlund. #E5168 2 1/2" \$3 #E5570 1 1/2" \$2

HALLICRAFTERS with big 1 1/2" dia; arrow & grip bar. #H81014 new \$1.50

BAR TYPE KNOBS

BAR TYPE BAKELITE KNOB FOR 1/2" SHAFT. 1 1/2" x 1 1/2" x 5/8". SET SCREW TYPE. KBNB012 \$.25

BAR TYPE BAKELITE KNOB FOR 1/2" SHAFT WHICH MUST BE TAPED FOR SET SCREW. 1 1/2" x 1 1/2" x 5/8". KBNB013 \$.25

RECTANGULAR BAR TYPE BAKELITE KNOB 1 1/2" x 1 1/2" x 5/8". WITH BRASS INSERT FOR 1/2" SHAFT. SET SCREW TYPE. KBNB014 \$.25

Pointer knob with brass insert for 1/2" shaft; 1 1/2" x 1 1/2" x 5/8". #KBNB026 25¢ ea

Bar type bakelite knob with pointer. For 1/8" shaft; vertical set screw. 1 1/2" x 5/8" x 1/2". KBNB016 4/\$1.00

Rounded bar style knob, 1-1/8" long x 1 1/2" across x 11/16" H. Brass insert f/1/2" dia sh. #KNART13 3/\$1.

1 1/2" DIA. METAL KNOB FOR 1/2" SHAFT WITH TWO SET SCREWS. FINGER GRIP KNOB FOR HEAVY SWITCHING APPLICATIONS. KBNB018 2/\$.35

1-5/8" dia plastic knob with 2 1/2" dia aluminum skirt calibrated 0 to 10. Brass insert for 1/2" dia shaft. #9414 NEW \$.50 ea

1" dia plastic knob with 1 1/2" dia skirt calibrated alphabetically A-B, ..., Y-Z. Aluminum skirt; f/1/2" shaft. #5312 NEW \$.50 ea

3/4" RIBBED KNOB 7/8" DEEP 1" SKIRT F/1/2" SHAFT OULL BLK. KNB720 35¢

5/8" x 3/4" SAME AS ABOVE BRIGHT BLK. KNB1261 20¢

1" dia. x 11/16" high knob, Ribbed style; Insert recessed 1/2" from base for flush fit. KNB2279, 30¢ ea.

1 1/2" KNOB MARKED "INCREASED OUTPUT". 1/2" HOLE WITH SET SCREW. 1 1/2" THICK. METAL. KBNB023 \$.25

2" TUNING KNOB black w/chrome-finish trim. Metal insert f/1/2" d shft. #ROB-B/C \$1.25

MINIATURE LAMPS

STK #	TYPE	V.	A.	BASE	BULB	EA	Per 10
#14	flashlight	2.47	.3	cand sc	G-3 1/2	.30	\$2.00
#382		14	.08	min flanged	T-1 1/2	.35	2.50
#327	grain of wheat	28	v 0.04	a	T-1 1/2	.39	3.00
#480		22	.55	min sc	G-6	.35	3.00
#511		2	.25	min sc	G-6	.20	1.00
NE-2	switchboard	1/17	2F	slide base		.20	1.00
NE-48/991	neon	115	.25	DC bay	T-4 1/2	1.50	12.00
NE-51	neon	115	.25	min bay	T-3 1/2	.40	3.00
225882		18	.11	can sc	T-3 1/2	.20	1.00
4C5491K1	switchboard			K1 slide base		.20	1.00
626806.6	TS-87	6-8 V		can bay	S-801	.35	3.00

MARINE TYPE 600 WATT 28 VOLT GE G600 PAR 56/1 SCREW TERMINALS PRICE: \$6.00 EA. WRITE FOR 100 LOT PRICE.

SEALED BEAM

LINE FILTERS

RF LINE FILTERS, unused. #513-3405, 2x3 amp 125 VAC 60 Hz; four solder terminals. 2x3x1 1/2, 1 lb. \$1.25 ea. #410-3, 2x5 amps 125/250 VAC 50-400 Hz; four solder terminals. 2x2 1/2x1 1/2, 1 lb. \$1.25 ea. #FA-380, 3 X 28 VDC 10 amps; screw terminals. Filtron mfg.; 3x3x1 1/2, 2 lbs. Unused, \$2.50 Sprague #JN17-2028A, 300 amps 100 VDC; lug terminals, 7 1/2x3 mfg plate. 7 lbs. \$12.95 #537-6615, 55 amps 30 VDC; two stud terminals. 2 1/2x5x2, 3 lbs sh wt. \$2.95

HORN

SIMPLEX HORN, 6 VAC 2.5 AMP 60 HZ. MAKES LOUD PENETRATING NOISE; SCREWDRIER VOLUME ADJUST. HEAVY STEEL CONSTRUCTION. DESIGNED FOR PARTIAL RECESS MOUNT. FRONT ENCLOSURE 4x4x1 1/2; DEPTH REQUIRED BEHIND: 1 1/2. #624-427, \$5.95

SPRAGUE #JN14-1551A 3 X 50 AMP 440 VAC 60 HZ LINE FILTER, 11 1/2 x 9 1/2 x 3 1/2, 18 lbs sh. NEW, \$18.95 GENCO GP-1901-75D 75 AMP 250 VAC/300 VDC FILTER, knock-outs for hook-up; long style 2 1/2 x 4 x 4, 23 lbs. NEW \$14.

RECTIFIER CAPACITOR ASSY WITH TWO 950 MFD 75 VDC (90V SURGE) COMPUTER GRADE CAPACITORS, TWO 50 MFD 75 VDC CAPS, AND FIVE 200 V 2 AMP DIODES.

USE AS BASE FOR SMALL POWER SUPPLY. REMOVED FROM EQUIP-EXCELLENT, \$2.95

ADJUSTABLE ALUMINUM SHOCK-MOUNT WITH FOUR 1 1/2-3 LBS. SHOCKMOUNTS. PERFECT FOR SMALL POWER SUPPLY, AMPLIFIER OR OTHER GEAR. FITS 5-1/8" W X 6 1/2" TO 7 1/2" DEEP UNIT; 2" HIGH. SH WT: 3 LBS. #MT-569A/ARA, UNUSED, \$2.50

NATIONAL HRO COILS

Individual coils for HRO receiver coil set plug-ins. Unused, \$2.50 ea; 4 for \$8.00

KHZ

50-100: B112, B113/B143, B114/B144

100-200: B109/B139, B140

175-400: B112, B113

900-2000: B120

2-4 Mhz: B123

4-7 " : B127, B128, B129

7-14 " : B130, B131,

14-30 Mhz: B30, B137

TCS VARIABLE CAPACITOR, 2 SEC. 10-360 MMF, ONE SEC 10-360 MMF, 3 BAND CALIBRATED DIAL 4" 1.5 TO 12 MHZ

SIZE: 7x3x3 1/2; WT: 10 LBS. #881 \$3.95 USED

SINGLE SECTION 11-67 pf .05" spacing. Has three front mount spacers for #6 screws

Shaft 3/8x1 1/2 dia; o/a 3 1/2 1-7/8x2 1/2. #3D9067VBS \$3.95

RBF-3-14A164, 10-40mmf gap 0.04". 2x1.3x2x2 \$2.95

BC-610 XMITTER PLUG-IN TUNING UNITS, 4 lbs.

#	MHZ	Price
C-389A	4.5-5.7 NVL	\$4.00
C-389C	" " WVL	6.00
C-447	8.0-11 NVL	4.00
C-447B	" " WVL	6.00

TU-47 (2.0-2.5 Mhz), TU-48 (2.5-3.2), TU-49 (3.2-4.0) TU-50 (4-5), \$7.50 each

TU-52 (6.35-8.0 Mhz) \$7.50

TU-54 (12-18 Mhz), \$12.00

HAMMARLUND VAR. CAPACITOR 20-90 pf 0.05" spacing. Silver-plated, 0.04" thick. plates. Right angle worm and split gear drive. Shaft 1/2" x 1/2" dia. 4 1/2x3 1/2x3 1/2 #446-6571 \$9.95

VACUUM CAPACITOR by Jennings with connectors. Unused.

3.0mmf 15kv "Y" \$2.75

Jennings or equal mfg. used.

12mmf 20kv "VC" \$10.00

50mmf 20 Kv "VC" \$12.00

FREQUENCY METER VARIABLE CAPACITOR W/VERNIER TUNING 11.5-160MMF. 3x3 1/2x5 1/2 LBS. #BC-221 OR EQUAL NEW \$8

TRAVELING WAVE TUBE

EMI 7640 TWT, similar to Hughes 313B; 2.0-4.0 Ghz, 1 KW output, 30 db. 16x3 1/2x5; 20 lbs. sh. Sold as an experimenter's item only; not guaranteed. \$17.50

CARDWELL MR-260-ED dual section, 11 to 260 pf/sec; 0.03" gap. 1 1/2x1 1/2 dia shaft; o/a 5 1/2x1-3/8x3. 2 lb. \$7.

SINGLE SECTION 14-365 pf 0.03" gap. Shaft 1-5/8x1/2 dia; o/a 4-5/8x1-5/8x2 1/2, 2 lbs. #3D9365V-2, \$4.95

THREE GANG, 15-85 pf/gang 0.03" gap; 3 1/2x1-5/8x4 1/2. #074-049 unused \$4.95

#48B083C; 10-106 pf, 0.02" air gap; 1 1/2x1 1/2, shaft 1 1/2" dia. Unused, \$2.95

ITT D-2013 CW TWT, 5 watts 33 db gain, 8.0-9.6 Ghz; 6.3 v. heater. 1 1/2x1 1/2" dia. 3 lbs. sh. Unused, \$45.00

BC-624 RECEIVER R.F. TUNER ASSY 100 - 156 MHZ A.M. W/VARIABLE CAP. COILS, TUBE SOCKETS, OSC. SEC. P/O SCOR-522 5x5x5; WT: 7LBS 2ZK11150 Used \$3.95/N \$5.95

2-GANG 6-16 pf/gang 0.05" gap. Silver-plated with brass gears; p/o TS-497 sig generator. 7/8x5/16" dia shaft; o/a 4x2-3/8x3. #3330-313, unused, \$5.95

RCA 4012/All157 TWT, 2.0-4.0 Ghz, 36 db min., 20 MW min. 1 1/2x1 x 3 1/2x1 x 1 1/2". 4 lbs. sh. Unused, \$40.00

TANK TUNING CAPACITOR FROM MARK III; 1-GANG, 0-563 PF, 0.03" AIR GAP; 3 1/2x2 1/2x1 1/2 DIA SHFT. #76348-C, \$2.95

VARIABLE CAPACITORS, removed f/ T-195/GRC transmitter.

#C-222/T-195, 25-485 pf one sec.; 23-437 pf the other. 0.03" air gap. With gears 1 1/2" dia. and 5/8" d. 4 1/2x3 1/2x4 1/2 overall. \$4.95

#C-221/T-195, 13.5-77.8 pf one section; 17-99.6 pf the other. 0.094" air gap. 1 1/2" x 1 1/2" dia. shaft. 5 1/2x1 1/2x3 1/2 overall, 2 lbs sh. \$3.95

TUNING CAPACITOR F/RT-176/PRC-10, 38 to 54.9 MHZ; 5-GANG, 5-33 PF/GANG. WITH 1 1/2" AND 5/8" OIA. GEARS; 3/16" OIA SHFT. 1 1/2x1-5/8x4, USED, \$4.95

BROADBAND TUNER 14-50 MHZ 10-150mmf var capacitor mechanically coupled to iron slug in a coil which moves as the capacitor is rotated. various other components. 3 1/2x2x3 #RT-45 \$1.95

TRANS. CAPS. DUAL 4-30 MMF 1000 VDC 1 1/2x2, SHAFT 1 1/2x2 P/O BC-640 CARDWELL 430/1M REM \$2.95

DUAL 5-25 MMF 2000 VDC 1 1/2x4 1/2 SHAFT 1 1/2x2 P/O BC-640 CARDWELL 525/2M REM \$3.95

DUAL 4-20 MMF 2000 VDC 1 1/2x3 SHAFT 1 1/2x2 P/O BC-640 CARDWELL 420/2M REM \$3.95

DUAL 4-50 MMF 1000 VDC 1 1/2x3 SHAFT 1 1/2x2 P/O BC640 CARDWELL 450/1M REM \$2.95

BC-624/522 RECEIVER, 3 GANG 6-36 MMF EACH SECTION WITH SLUG TUNED TRIM. SHAFT 5/16 STK#3D9036V

SIZE: 4 1/2x2x3 1/2; 1 LB. \$1.50

12-365 PF SINGLE SECTION, gear reduction tuning. 1 1/2 shaft; o/a 3 1/2x3 1/2x2 1/2. #3D9378VBS, unused, \$4.50

DUAL 6-22 MMF 1500 VDC 1x1 1/2x2 1/2 SHAFT 3/16x2 1/2 TELERADIO 622/15M NEW \$1.95

VARIABLE CAPACITORS removed f/unused TU-10 tuning units. 0.09" air gaps.

#P-7761569, 14-62 pf, 1 1/2" dia shft. 2 1/2x2 1/2x4 1/2, \$3.95

#T-7660443-8, 8-28 pf, 5/8 x 1/2" dia shaft. Overall 1 1/2x2 1/2x3, 2 lbs. \$3.95

1-gang, 15-365 pf with 1 1/2" long shaft; 1 1/2x1 1/2x1 1/2. #1TH-365 \$2.95

JOHNSON "M" SERIES, 3/16" dia slotted shafts; o/a 1-5/8x1 1/2x5/8. Used: #160-110/20M11, 2.7-19.6 pf; 21 plates, \$1.10

#160-130/30M8, 3 to 32 pf; 28 plates, \$1.25

PRE-SELECTOR UNIT ASST PART OF R-48 REC. 230-250 MHZ. CONSISTS OF RF MIXER & OSCIL. USING 6AG5-2 EA. 9002-1 EA. TUBES (LESS TUBES, FOR USE WITH 30 MC I.F. SIZE: 6x5 1/2x4; 5 LBS. USED \$5

GLASS PISTON CAPACITORS

#VCJ-770, 15 pf 5/8x2 \$1.

VCJ-244, 20 pf 1 1/2x2 \$1.00

VC-30G, 30 pf 2 1/2x1 \$1.00

AIR CAPACITORS, 0.02" spacing; shft 1 1/2" d, 3 1/2x1 1/2

#21105-14 8-20 pf \$1.50

#21105-15 8-35 pf \$1.65

TU-53 OSCILLATOR PLUG-IN ASSY. FOR BC-610 TRANSMITTER

FREQ. RANGE 8-12 MHZ. CONTAINS VAR. CAPACITORS WITH SHAFTS 140 MMFD. 190 MMFD. 2/CERAMIC CAP. 1/MICA CAP. 4/R.F. COILS, 2/RES. 1/DPDT SW. 1/DIAL, 2/KNOBS, CRYSTAL SOCKET, AND OTHER PARTS. SIZE: 2x8 1/2x4 1/2; 4 LBS. \$3.95

5-25 PF CAPACITOR, worm gear & ceramic insulated shaft and stators. Rotor plates on common metal shaft; .03" gap. Rating made with two sections in series. May be modified into two 10-50 pf sections. Gear shaft: 1" x 1/8" d. Gear shaft: 1" x 1/8" d. 0/a 4 1/2x2 1/2. Silver-plated. #710-4608 \$6.95

RECEIVING TYPE CAPACITORS FOR AM-FM-AUDIO-OSCILLATOR USE WITH SHAFTS.

#48642 DUAL 12-90 MMF & 15-140 MMF SIZE 1x1 1/2x2 \$1.00

#66972 DUAL 9-50 MMF & 1-100 MMF, SIZE 1x1 1/2x2 \$1.00

#330V020-H02 DUAL 10-90 & 14-140 MMF 1 1/2x1 1/2x1 \$1.25

#074-050J-2, 8-20 pf, 2 1/2x1 shaft. \$1.25

Dual 5-15mmf, ceramic, w/friction gear to hold setting. 0.04" spacing. 2 1/2x1 1/2x1-7/8 in 1 1/2 in dia shaft. coil & gear removable. #358-3164 \$1.95

#KS21146L1, 3-GANG, 7-60 PF/SEC. 0.03" GAP. O/A 5 1/2x1 1/2x1 1/2, \$3.95

#N981337-2; 35-180 PF; 3x 1 1/2x1 1/2; 1 1/2x2 1/2" D. SHFT. \$2.95

2.3-14 PF, 1 1/2x3/16" dia shaft. #228-6085, \$1.25

3D9200V-19 4 GANG, 14-200 MMF 3 1/2x1 1/2x4 1/2 \$4.50

#C-111/ARN-6, 5-GANG, 13-402 PF/SEC. 9 1/2x3 1/2x1 1/2 \$5.95

AIR PADDER CAP

ALL PADDER CAPS. REQUIRE SCREW-DRIVER ADJUST.

351-1054	2-8 PF	49¢
D3535	2-20 PF	49¢
CTN48785	5-17 PF	49¢
657-73	8-55 PF	79¢
K336534	10-49 PF	79¢
SEL72265-2	8-32 PF	59¢
3D9011V-7	5-14 PF silver-plated Hammarlund,	89¢

JOHNSON #189-6-6; 1.8-13 PF 650 v. 7/16x7/16x9/16, 89¢

JOHNSON #T2-16; 1.9-15.7 PF 325 v. 9/16x5/16 DIA., 89¢

#3D9006V-7 DIFFERENTIAL, 3-6 PF, .045" GAP; 1 1/2x1 1/2, 1 1/2x2" D. SHAFT. NEW, \$1.95

20-280 PF 0.02" air gap. Tap-pered plates for linear frequency; precision worm and split right-angle gear drive. Double shaft 1" lg x 3/16" dia each end. O/a 5x3 1/2x2 1/2. #3D9270V-4 \$12.95

COMMAND RECEIVER VARIABLE CAPACITORS, 3-GANG, TRIMMERS & GEARS. 2 1/2x3x4 1/2; 3 LB. #4601, 147 PF, 3-6 MHZ, \$4. #6558, 62 PF, 6-9 MHZ, \$4.

TRANSMATCH ASSY ROTARY INDUCTOR, 16 TURNS, 5-4.15 MICRO-HY. W/VARIABLE CAP. 5-50 MMF. 2000V

RE-MOVED FROM EQUIP. DESIGN FOR 14-50 MHZ. SIZE: 2 1/2x5x5 4 LBS. #88W502 \$6.95

MAGNETIC FOCUSING YOKE WITH 2 MAG NETS MOUNTED IN RING, RING SIZE 2-1/8" DIA. 5/8" W. #1" HOLE. MAG-NETS 5/8" x 9/16 WT: 7 OZ. # MAGNET CIR-7 PRICE: 35¢ 3 FOR \$1.00

RECEIVER STYLE VARIABLE CAPACITORS, 500 v spacing; 1/2" dia shaft. 3 1/2x1 1/2x1 1/2, unused.

3-gang, 15-365 pf/gang; #3TE-365, \$3.95

3-gang, 15-365 pf/gang; 3/8" dia shaft w/1 1/2" dia adapter. #906836 \$4.50

3-gang, 15-280 pf/gang; #3502LDD, \$4.95

3-gang; 2/25-480 & 25-180 pf; #9776 \$4.75

3-gang, 20-360, 20-280, & 20-110 pf; 2-speed drive 1 1/2" and 1/8" dia shaft. #33V021H01, \$2.75

2-gang 25-460 & 35-200 pf, 3/8" dia shaft. O/a 2 1/2x1 1/2. #221657, \$2.00

AM & FM TUNERS

AM FREQUENCY 550 - 1600 KC
FM FREQUENCY 88 - 108 MC
UNITS HAVE NOT BEEN USED

F.M. TUNER WITH 1/2" 12DT8 TUBE & DIAL. SIZE 3x2x2 URC#462 \$3.95

A.M. & F.M. TUNER SAME AS ABOVE URC#2H02 \$4.95

SPIRAL INDUCTO TUNER 60-90MHZ W/50PF PARALLEL 3 SEC. SILVER PL. 4 1/2 TURNS. 3 1/2x1 1/2x2 #37695 RE-MOVED \$5.95

LC-902 ANTENNA INPUT TANK FOR TN-2A/APR-1 TUNING UNIT. FREQ. 76 TO 300 MHZ. WITH VARIABLE CAPACITOR, COIL, AND 955 TUBE SOCKET. SIZE: 4 1/2x3 WT: 4 LBS. UNUSED \$9.95

LC-702 ANTENNA MIXER TANK FOR TN-3A/APR-1 TUNING UNIT FREQ. 300 TO 1000 MHZ. WITH VARIABLE CAPACITOR AND COIL SIZE: 2 1/2x3 1/2 WT: 3 LBS. PRICE: UNUSED \$6.95

LC-701 OSCILLATOR TANK FOR TN-3A. WITH VARIABLE CAPACITOR AND COIL. SIZE: 4 1/2x4 WT: 4 LBS. UNUSED \$8.95

MICROWAVE COUPLERS

DIRECTIONAL COUPLERS from 1.7-2.4 Ghz transmitter.

#2CPR/TRC29 Double coupler, DC signal output for power meter and 40 db RF for wavemeter; 3 type C connections, one IN21 diode connector for DC. 4 1/2x2 1/2x1 1/2 \$8

#3CPR/TRC29 TRIPLE COUPLER which fed P-A. 36 db and 65 db RF outputs; DC output for P-A meter. 4 "C" connections and one IN21 connector. 5 1/2x2 1/2x1 1/2 \$9.95

#2SLT/TRC29 2-SLUG TUNER, provides isolation, coupling, and impedance matching between 50 ohm klystron output and P-A input. Two slug adjust. 10x1 1/2x1 1/2 \$10.

UG-573 C-conn. Used, \$1.25

UG-636 adapts C - ENC 2.50

AIR PADDER CAP

ALL PADDER CAPS. REQUIRE SCREW-DRIVER ADJUST.

351-1054	2-8 PF	49¢
D3535	2-20 PF	49¢
CTN48785	5-17 PF	49¢
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K336534	10-49 PF	79¢
SEL72265-2	8-32 PF	59¢
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JOHNSON #189-6-6; 1.8-13 PF 650 v. 7/16x7/16x9/16, 89¢

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UNITS HAVE NOT BEEN USED

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LC-702 ANTENNA MIXER TANK FOR TN-3A/APR-1 TUNING UNIT FREQ. 300 TO 1000 MHZ. WITH VARIABLE CAPACITOR AND COIL SIZE: 2 1/2x3 1/2 WT: 3 LBS. PRICE: UNUSED \$6.95

LC-701 OSCILLATOR TANK FOR TN-3A. WITH VARIABLE CAPACITOR AND COIL. SIZE: 4 1/2x4 WT: 4 LBS. UNUSED \$8.95

RECEIVER STYLE VARIABLE CAPACITORS, 500 v spacing; 1/2" dia shaft. 3 1/2x1 1/2x1 1/2, unused.

3-gang, 15-365 pf/gang; #3TE-365, \$3.95

3-gang, 15-365 pf/gang; 3/8" dia shaft w/1 1/2" dia adapter. #906836 \$4.50

3-gang, 15-280 pf/gang; #3502LDD, \$4.95

3-gang; 2/25-480 & 25-180 pf; #9776 \$4.75

3-gang, 20-360, 20-280, & 20-110 pf; 2-speed drive 1 1/2" and 1/8" dia shaft. #33V021H01, \$2.75

2-gang 25-460 & 35-200 pf, 3/8" dia shaft. O/a 2 1/2x1 1/2. #221657, \$2.00

INSULATORS



STAND-OFF, CROWS FOOT, 7"
Hx1 1/2" D. CAST BASE, 2 1/2" CTRS.
TOP CAST W/3/16"-20 SCREW
#5970-405-8992 \$4.00
SIMILAR, ABOVE 3" 3.00

FEED-THRU INSULATOR (FIG 2)
1/2" HOLE 7/8" DIA. W/NECK
3" LONG 30¢
6" LONG 50¢ 8" LONG 60¢
STOCK NO. 1014-(LENGTH)
SAME AS ABOVE OVAL TWIN-

PORCELAIN STAND-OFF INSULATORS, SCREW THREADED.
#P-4H-.75D, 8-24 THRD, \$.50
#P-5H-.75D, 8-24 THRD, .65
#P-6.75H-1D, 10-24 THRD, .85

BIRNABACH 4238 TRANSMITTER
LEAD-IN INSULATOR, threaded
rod w/two 2x1 cones;
adjustable length between
cones. 15" L., 2 lbs. \$1.95

STK.#36584 1N-84 FEED-THRU
CONICAL SHAPE, 5" LG. O/A;
2 CONICAL SHAPED 1-1/8 LG.
1 1/2" DIA. AT BOTTOM, 1" AT
TOP, 1/4" DIA. ROD WITH 1/4
20 THREAD WITH NUTS/WASHERS
1 LB. 25¢ EA. 5 FOR \$1.00

GLASS-BONDED MICALEX STRIPS
10" Lx1" Wx5/8" Th. Five holes
.2" dia. #3GL10-160, \$1.50
GE #K7102768P1, same as a-
bove, 7-3/8" Lx3 1/2" Wx3/8" Th.
Ten holes, \$3.00 ea.



INSULATOR THREADED BRASS
EACH END FOR 1/4" SCREW.
#CLASS 16U-2 1/2x1 1/2" \$2.
" 16U-3 1/2x2" \$3.

INSULATOR STANDOFF FEED-
THRU, THREADED ONE END;
3/8" HOLE. ACE-3" Hx1 1/2" \$1.

SPREADER INSULATORS
NO. SIZE HOLE PRICE
IN-88 2 1/2x3 1/16 25¢
CSJ-61192 4 1/2x3 1/16 35¢

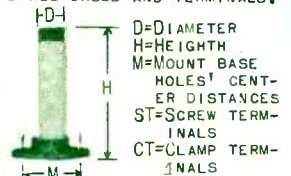
STRAIN INSULATOR
BROWN 2 1/2"x 1 1/2" 3/8" HOLES EA
END, OPPOSITE SIDES. #3G100
PRICES: 79¢ EA. 4 FOR \$3.
Box of 200 \$125.00

ART-13 TRANSMITTER
ANTENNA INSULATOR
PANEL; WITH 3x4
OBLONG INSULATOR
WITH TWO SPRING-
TYPE BINDING POSTS. ALSO
A 2x1 AND A 2x2 CONICAL
INSULATORS WITH PUSH-TYPE
BINDING POSTS. WT: 1 LB.
COMPLETE ASSY. USED \$10.00

STAND-OFF INSULATOR
H-1 1/2, B-1 1/2, A-1, 1/4"
BOLT REQ. 1 1/2" MTG HOLE
#PP-1048 NO HARDWARE
3 FOR \$1.00

STAND-OFF'S

STAND-OFF INSULATORS, CROWS
FEET TYPE. BRASS AND PLATED
BRASS BASES AND TERMINALS.



#B-H3-D1.25-ST3, BROWN CER-
AMIC; M=2.25". TERM. CAP
SIZE: 7/8x1-5/8" DIA.
SHPG. WT: 2 LBS. \$2.75

#B-H4-D1.25-ST2, WHITE; M-
2.25". TERM. CAP: 1x1-5/8"
DIA. 3 LBS. \$3.25

#XW-H5-D1-ST, WHITE; M-2.25"
TERM. CAP: 3/4" DIA. \$3.00

#W-H5-D1.25-ST, WHITE; M-
2.625". TERM. CAP: 3/8x1 1/2"
DIA. 3 LBS. \$3.75

#B-H5-D1.25-CT, WHITE; M-
2.25". TERM. CAP: 1x1-5/8"
DIA. 3 LBS. \$4.00

#BL-H6-D1.25-ST2, BLACK
PAINT ON BRASS; M-2.625"
TERM. CAP: 1 1/2x1 1/2" DIA.
SHPG. WT: 4 LBS. \$4.25

#W-H6-D1.75-NTTH, WHITE;
M-3.75". NO TERM. CAP;
THREADED. 5 LBS. \$4.50

#B-H7-D1.25-ST, BROWN; M-
2.25". TERM. CAP: 5/8x1-5/8"
SHPG. WT: 3 LBS. \$4.75

#W-H8-D1.75-NTTH, WHITE;
M-3.75". NO TERM. CAP;
THREADED. 6 LBS. \$5.25

FLEXIBLE COUPLING

CERAMIC FLEXIBLE COUPLING
1" dia x 2" for 1/4" dia
shaft. #COUN003-2, 45¢ ea
#COUN008; 2-5/8" dia x 2",
for 3/8" dia shft. 79¢ ea
#COUN009; 2x2 CERAMIC
COUPLING FOR 3/8"
dia shaft. 69¢ ea
#COUN010; 3 1/2" dia x 1 1/2",
for 3/8" dia shft. \$1.25

AC LINE CORDS

3-COND. GROUNDED equipment
cord, 8' #18 wire. Molded
plug; grey. #SK-30G \$1.25
#W14-30G, as above but #14
wire; black. \$2.00 ea
3-COND w/business machine
plug, fits most Hewlett-
Packard equip. Without AC
plug; 5 1/2'. #HP-30G \$1.50

*** MORE *** DOLLAR DAZE ***
TOGGLE SWITCHES, SPST
out-offs, 5/\$1.00

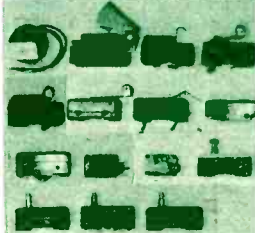
14 PUSH SWITCHES, SPST
norm-open, 5/\$1.00

SLIDE SWITCHES, 2PDT
and SPDT, 5/\$1.00

SPST ROCKER DIP
SWITCHES FOR PC
board use. Can
be soldered or
fit in socket.
Grayhill mfg. NEW
#763B04, 4 sw. \$3.75; 5/\$3.

SELECTOR SWITCH 15 BUTTON,
MAKE ONE BREAK ONE, RELAY
RELEASES ALL BUTTONS WHEN
ACTIVATED, 115 VAC OR 24VDC
SIZE: 1 1/2x7x2; WT: 7 LBS.
URC#1524115 NEW \$3.95

MICRO SWITCHES



SPST MICROSWITCHES 1-7/8x
5/8x1 1/2, 30¢ ea unless oth-
erwise noted. Normally
open-n.o. Norm closed-n.c.

#WHBT349A-1 n.o. lever

#YZ-3RLTC n.o. lever 15A

#YZ-RS n.o. extended pin

#SW-186 n.o. ext-pin

#WZ-RS9 n.o. ext-pin

#2MC3-1A n.c. pin; 1-5/8x
1/2 size.

#V3-23 n.o. or #V3-21 n.c.
pin; 9/16x1x1-3/8 size.

MD-SWITCH Type D in split
dye cast housing; 1/2" tap
conduit hub. 17/8.5 amp
125/250 VAC, new. 75¢

SPDT, one side n.o./other
n.o.; 1-7/8x5/8x1 1/2, 40¢ ea

#3Z-3R244T4, pin style

#WHBT349B-1, lever style

#BZ-2R, button w/mtg 50¢

#V3-1 9/16x1x3/8 size

#BZ2RW80-D5, 3" lever;
15 A 125/250/480 V 50¢

#EM-2RW80211-A2, 1/2" high
squared hook lever; 22 A
125/250/480 VAC, NEW 60¢

TAP SWITCHES

TAP SWITCHES, 120/
240 VAC 10/5 amps
unless otherwise
noted; 2 1/2" dia. Used.

#AHH-23-10; 2-deck
3-pos w/knob \$2.

#AHH-230; 2-deck
3-pos and OFF.
Cont. turn; 15/10 A. No
knob; 3/16" d shft. \$2.25

#AHH-33-10; 3-deck, 3-pos
with knob, \$2.50

#AHH-63-10; 6-deck, 3-pos
with knob, \$3.50

#AHH-2W-3W 3-pos
with OFF. 120/240
VAC 30/15 A (2-
wire), 15/15 amp
(3-wire). 1-7/8x
1 1/2x1 1/2, 2 lbs sh.
Used w/knob \$2.50

OHMITE 312-8 TAP SWITCH,
8 taps rated 25 amps AC
300 volts, 150 V between
taps. Shaft 5/8x1 1/2" dia;
o/a 2 1/2x3 1/2" d, 3 lbs. \$4.50

ES TAP SWITCH, 60
amp 500 VAC/250 DC
4-position 2-deck,
6 cont./deck. Pos 1
makes cont 2-3, P2
(1-2-4), P3 (1-5),
P4 (1-2-6). 5 1/2x6x4, 10 lb
ES#125402A, unused \$16.95

PUSH SWITCHES



DPST normally open, 1 amp
250 VAC; #PSW004 35¢

DPST interlock n.o., (3Z-
9825/254), #PSW006 65¢

SPST pull switch, normal-
ly open, #PSW007 35¢

SPST normally closed case
ground; #PSW008 35¢

SPST normally closed,
Grayhill #4002 50¢



2-BUTTON momentary; red
breaks, black makes. 3 1/2x
1-5/8x1-1/8; #RB-EM \$1.50

TANDEM 2-CIRCUIT PUSH
SWITCHES, each momentary
n.o./n.c.; 3-1/8x1-7/8x2 1/2
GE#5749715-02, \$2.50

2-CIRCUIT 2-BREAK 1-posit-
ion mom.; 440 VAC 1.25A/
250 VDC 0.625A. 1-7/8x
1 1/2x2; #296-6647, \$1.50

2-CIRCUIT BREAK/MAKE mom-
entary; 2 1/2x2 1/2. #56733-
3730, \$1.75

FOOT SWITCH

DUAL FOOT PEDAL
SWITCH, 20 amp
norm. open.
Depress pedal
to make; re-
lease to
break. With
7' 3-cond.
heavy cord. 4x4 1/2
x1 1/2, 4 lbs. #LR-FP, \$6.95

FIVE-PUSH SWITCH 2PST NORM.
GL. 1PST NORM. OP. 1PDT.
5x3x1 #PSW5022 \$1.00

SWITCHES



MINIATURE SWITCHES, all new.
Black: blk. White: wh.

DPDT on-on, blk. or wh but-
ton (a); C&K #8221, 65¢

SPDT on-off-on, wh. toggle
(b); Alco #MLD106E, 75¢

DPDT on-on, blk. toggle (b)
C&K #U21, 65¢

SPDT on-on, blk. rocker (c)
JBT #MR2-123, 65¢

SPDT on-on, wh. rocker (d);
C&K #7101, 60¢

SPST red or wh. tog. (e),
not mini. #CH838LK22 60¢

SPDT mini-toggle, baton
throw; on-on. #7101T 65¢

DPST one side mom. (f) tog-
gle; Alco #CST-023TA, 2/\$1
SPDT n.o./n.c., push button
(g); Licon #76-2450, 2/\$1
DPDT on-on slide (h), 5/\$1.
DPST sub-mini slide switch;
Chicago EIA 50, 5/\$1.
Interlock switch (i); 10 A.
Cherry #E69-30A, 2/\$1.

SWITCHES



AIRCRAFT TYPE SWITCH TWO
HOLE MOUNTING FIG. #1

CIR. CON. RATING NO. PR
SPST NEW 5/125 B-15 .65

ABOVE MOMENTARY N/CLOSED
SPDT rem 5/125 B-9A .50
(above center-off)

SPDT NEW 15/125 B-1B .30

SPDT REM 5/125 B-7A .55
(CENTER OFF, MOM ONE SIDE)

TOGGLE SWITCHES

TOGGLE SWITCHES SINGLE HOLE
MOUNTINGS: CONDITION NEW &
"REM" REMOVED FROM EQUIP-
MENT, ALL GUARANTEED.

CIR. CON. RATING NO. PR
SPST REM 8/125 BBT/K2 .35
(ABOVE SWITCH MOMENTARY)

SPST REM 6/125 SW-105N .30

SPDT REM 8/125 ST-130 .25
("ON" BOTH SIDES)

DPST REM 3/125 7463954 .25
DPST REM 10/125 ST-52K .40
DPDT REM 3/125 SW3/25 .30
DPDT REM 5/125 ST-22R .35
3PST NEW 15/125 SW3115 1.00
4PST REM 15/125 7661K5 1.00

TEN PUSH SWITCH STRIP

D.P.D.T. INDIVIDUAL HOLD OR
COLLECTIVE OR RELEASE. NEW
12x4x3/4; NO.4C5231 \$2.25

ROCKER SWITCHES
0319 SPST
39¢ 3 FOR \$1.00

0348 DPDT
59¢ 2 FOR \$1.00

0320 SPDT MOMENTARY BOTH
SIDES. 65¢ EA. 2 FOR \$1.20

0347 DPDT MOMENTARY BOTH
SIDES. 80¢ EA. 2 FOR \$1.50

PUSH BUTTON SELECTOR

WHITE BUTTONS, 1 THRU 4
SEPARATE CONTACTS, 5, 6, 7
MAKE 2, 3, 4 RESPECTIVELY W/
COMMON. RED BUTTON RELEASES
ALL. RATED @ 120/240VAC 8;
SIZE: 4 1/2x1 1/2x2 1/2; WT: 2 LBS.
GE#SP8128-417 UNUSED \$7.75

LEVER SWITCHES

4PDT ONE SIDE 2PDT
OTHER SIDE, BOTH SIDES
MOM. # 1155 NEW \$2.00

TV-2 tube test Pl
lever sw; make 2-
break 2. Removed \$2.

2PDT ONE SIDE, OTHER
2 MAKE,
P/O EE-2, USED \$1.00

8PDT & 4MAKE MOM. ONE SIDE
OTHER SIDE ONE BREAK-HOLD.
CENTER OFF. SW-1323 USED \$1.

4PST EA. SIDE NORM. OPEN &
HOLD, CTR. OFF 329818-9. 1 N\$2.

2PDT ea. side of switch, no
center off. SE#649-31 \$2

SPDT-make before break and
2/SPST normally closed;
single hole mount. Tele-
type #129596 (FSN #5930-
259-6880), unused, \$1.50

2PST ONE SIDE ONLY HOLD, CTR
OFF, ONE HOLE MTG.
SWITCHCRAFT 513148 NEW \$1

EQUIPMENT BLOWERS



18 VDC 2400 RPM 5-BLADE FAN removed from oscilloscopes; runs well on 6 VDC. 7" dia blade rotation; o/a 8 1/2" dia X 5 1/2" depth. Includes eight single TO-3 heatsinks; 8 lbs sh. #B401/USM, used, \$16.95

TRC-29 XMITTER BLOWER, 200 CFM, 115 VAC 60 Hz 1.2 amps @ 3300 RPM. 4-5/8" dia inlet; outlet 2 1/2" x 1 1/2". Motor mount. With 10 mfd capacitor. Overall: 8x9x8, 12 lbs. Used \$14.95



TORRINGTON BLOWER, 200 CFM 220 V 3000 RPM (100 CFM 115 VAC 1500 RPM). 4" dia intake; 2 1/2" x 3" out. Outlet mtg 4" dia. O/A 7x7x7 1/2", 10 lb Torrington #A13980, unused \$18.95

EASTERN AIR TWO SPEED BLOWER, 2800/3200 RPM capacitor-start motor 1/40 HP 0.38-amp 115/230 VAC 50/60 Hz. Mounted on base w/4 mfd capacitor, terminal strips. Approx 150 CFM. Intake 3" dia, outlet 1 1/2" x 2 1/2". O/A 8x11x6 1/2", 14 lbs sh wt. EAD#B747M1-C, used, \$12.95



FASCO DUAL BLOWER 50 C.F.M. 115 VAC 60 Hz 0.74 amp @ 2800 RPM. Outlets 2x1-5/8". One outlet is parallel to mounting base; other is at 90°, but can be modified as shown in picture. Inlets 2 1/2" dia. Overall 7 1/2" x 6 1/2" x 5 1/2", 12 lbs sh. Fasco type 21, #1273217, unused, \$10.00

ORDANANCE BLOWER 6 VOLTS DC, approx 150 CFM with turbine-type impeller. Intake 3", outlet 1" dia. Overall size: 6 1/2" x 6 1/2" x 4", 7 lbs sh wt. ORD#G486392, unused, \$7.95

115 VAC BLOWER, 1 1/2" dia hose to 115 V solenoid reverses intake/outake. Possible use with air brush. 6"x8" dia, 12 lbs; Used. #3M-CPB, \$15. Less solenoid \$12.



5-BLADE 7" DIA FAN in 7 1/2" dia X 6" h housing; 115 VAC 60 Hz. Can probably be adapted to duct fan. With 2 mfd capacitor; 9 lbs sh. #14-20/5B-DF, used, \$14.95

4-BLADE 6" DIA FAN in conical 7 1/2" to 5-3/8" dia X 7" high housing; 115 VAC 60 Hz. Adapt to use as duct fan. 8 lbs sh. #3M/4B-DF, used, \$9.95



FAN-TYPE BLOWER, 115 VAC 60 Hz 20 watts; 4" plastic fan blades. Open frame low-noise motor in metal case-mount-type frame. Approximately 100 CFM. 13x5x2, 5 lbs sh. Howard #1075-3102, used, \$4.50



HEATSINKS

9x4x1 1/8" ALUMINUM. DRILLED FOR 3/TO-3 #37941 UNUSED \$2.75
12 1/2"x5x1" aluminum w/3 or 4 TO-3 transistors. #HS-HSB used \$3.95

BLACK TAB MTG HEATSINK WITH 2/2N3055 OR EQUAL W/HWR INSULATOR, RESISTORS 4 1/2"x1 1/8"x2 1/4" (4 7/8) TOTAL #HSW/2T REMOVED \$2.00

#HSW/1T. SIMILAR TO ABOVE BUT WITH ONE TRANS. Size: 3-7/8x2-7/8x1-1/8. \$.85 ea. 4 FOR \$3.

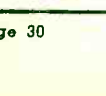
#THS, SIMILAR TO ABOVE; NO TRANS., 2 FOR \$1.
#DHS, SAME AS ABOVE, ANODIZED DRILLED FOR DO-4 DIODES. 3-7/8x2 1/4x1-1/8, 2 FOR \$1.00

DUAL TO-36 HEATSINK, 3x3 1/2"x1-3/8; flange mounting. #HST036, \$.75 each or 3 for \$1.00

#3DS23-8 HEATSINK, 5x3x1-9/16; drilled for 3 large stud rectifiers (1" dia recesses), \$2.

#2D734 HEATSINK, 7x4 1/2"x2 1/2", drilled with two 25/32" dia. holes. 3 lbs sh. Unused, \$3.50

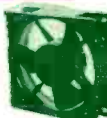
SERIES 680 HEATSINKS, 1 1/2" sq. NEW #1.00-5-5, 1" high with 0.33" dia. hole for rectifier, 85¢ ea. #.75A-16-1, 0.75" high for TO-3 transistor, 75¢ ea.



COMPACT AXIAL FANS



AXIAL FANS, 4 1/2" square X 1 1/2" thick; 115 VAC 60 Hz. Removed from equipment; guaranteed.



Rotron MUFFIN or similar; 3-blade 14W \$11. 5-BLADE axial fan in metal frame; 16 watts. Various manufacturers, used, \$12. IMC BOXER FAN, 220/240 VAC 50/60 Hz 0.1 amp; 5-blade in metal housing, \$11.95
ROTRON BTA-1 BISCUIT fan, right angle 1"x2" out-take; 115 VAC 50/60 Hz 16 watts, \$12.95

SPRITE FAN

ROTRON MODEL SUZ43

Small 3-1/8x3-1/8x1-5/8 size. Seven blade plastic fan in die cast housing. 115 VAC 60 Hz. 2 lbs. sh. NEW, \$12.95



FIVE BLADE COOLING FAN, 4-5/8" dia. rotation; no enclosure. Mounting bracket hole centers 5-7/8" apart. 115 VAC 60 Hz. 2 lbs. sh. Airtrol #11-2100, NEW, \$4.95

OPEN FRAME COOLING FANS, 115 VAC 60 Hz; metal or nylon blades. Removed from equipment.



#NCR-50, 5" blade rotation, \$3.50

HEATSINK ASSEMBLIES

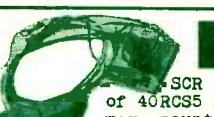


LARGE HEATSINK BANK consisting of five 12 1/2" L x 5" W x 1" Th heatsinks and 19 transistors similar to 2N3055's. Assembly originally part of 4 V. 75 amp power supply. Use

as-is or dismantle for parts. O/A 13 1/2" x 5 1/2", 12 lbs sh. Removed f/equip. #HSB4-75, \$16.95

#75-4-2400 SERIES 400 HEATSINK with two 1 1/2" dia. power rectifiers at least 100 PIV 100 amp each. Size: 5x5x6 w/1-5/8 fins. 8 lbs. sh. Removed, \$15.

#75-4-400S SERIES 400 HEATSINK with 7/8" dia. SCR at least 100 PIV 100 amps. Size: 5x5x4, 4 lbs. sh. Removed, \$5.95



CROWBAR OVP

SCR CROWBAR CIRCUIT, consists of 40RC35 SCR rated I_t 63 A 50 V-max. mounted with thermal switch and two resistors. Potted assembly has trigger voltage adjust 4-7 V. Use with 5 V supplies for overvoltage protection or modify for other uses. #CRBR-40, NEW, \$4.95

MILITARY TEST SETS

AN/TRM-3 SWEEP GEN. 15-400 Mhz AM-FM, \$295.

AN/URM-23 SUMMATION BRIDGE with attenuator kit, 1 to 4 Ghz 5 mw-5 watts, \$100.00

AN/URM-76 TEST METER for AN/ARC-34, \$50.00

FR-4/URM-79 FREQ. METER, 100 Khz-20 Mhz, \$75

FR-5/URM-80 FREQ. METER, 10-100 Mhz, \$75.00

FR-6/URM-81 FREQ. METER, 100-500 Mhz, \$85.00

FR-38/USM-26 COUNTER, like HP-524B, \$125.00

SG-299 SQUARE WAVE GENERATOR, 1 Hz-1 Mhz \$45

FR-114/TSM-16 FREQUENCY METER w/6-NIXIE tube readout, 20 Hz-1 Mhz; 70 lbs sh. \$65.00

TV-7D/U TUBE CHECKER, used-checked, \$85.00

TV-10/U TUBE CHECKER, used-checked, \$80.00

SG-321 LOW FREQUENCY FUNCTION GENERATOR. 0.008 to 1200 Hz square, triangular, or sine wave in five multiplier ranges. Max. output: 35 p-p. Synchron pulse 22.5 V peak neg., less than 0.5-sec duration. Internal impedance: 40 ohms. Output balanced or single-ended; 19 tubes. Requires 115/230 VAC 50-400 Hz 12x19x14 1/2, 65 lbs sh. Unused, \$65.00



HEWLETT-PACKARD

HEWLETT-PACKARD TEST METERS, used-complete; add \$30 for "checked" price. Manuals, \$7.50 each when purchased with a meter.

HP-400D VTVM, 0.0001 to 300 V-rms in twelve ranges; -50 to +60 db. 10 Hz-4 Mhz response. 23 lbs sh. Repairable, \$65.00

HP-400DR, same as above, except rackmount; 30 lbs. \$60.

HP-400HR, similar to "DR" but twice as accurate plus a 5" mirrored scale; 30 lbs. \$75.



HP-412AR DC VOLTMETER, 1 mv to 1000 VDC in 13 ranges. Also 1 microamp to 1 amp and 1 ohm to 100 megohms. 1% design accuracy. Has mirrored scale; rackmount. 25 lbs sh. \$100.00

HP-413AR DC NULL VOLTMETER, has thirteen zero-centered ranges from 1 mv to 1000 VDC plus expanded scale. Rackmount; 18 lbs. \$75.

HP-425AR DC MICROVOLT-AMMETER, 1 uv to 1 V and 1 p-amp to 3 ma; 28 lbs. Checked, \$160.

HP-430C MICROWAVE POWER METER designed for frequencies up to 40 Ghz and as low as 10 Mhz when used with proper thermister mount. Power readings from 0.1 to 10 MW; -20 to +10 db. See 4/77 Ham Radio for amateur usage. 21 lbs sh. Used, no thermister mt., \$45.00

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SIGNAL GENERATORS



HEWLETT-PACKARD 606A, 50 KHz to 60 Mhz AM in six bands. Output: 0.1 uv to 3 volts into 50 ohms, vernier and step controlled. Features constant output and modulation and low distortion.

10 1/2 x 19 x 13 1/2, 50 lbs sh. Used, checked, \$795.00

TS-418/URM-49, 400-1000 Mhz AM, CW, pulse. Output: 0.2 to 200K uv into 50 ohms. 12 1/2 x 17 1/2 x 13 1/2, 70 lbs sh. Used, repairable, \$175.00

TS-419/URM-64, 900-2100 Mhz CW and pulse 1 MW max. into 50 ohms. Repetition rate between 40 and 4000 pulse/sec. Delay: 3 to 300 u-sec. 14 x 17 1/2 x 11, 50 lbs sh. Used, repairable, \$165.



TS-403/URM-61, 1.8-4.2 Ghz CW, FM, pulse 1 MW into 50 ohms. Similar to HP-616B. 17 1/2 x 13 1/2 x 13 1/2, 65 lbs sh. Used, repairable, \$185.00

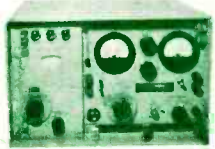
AUDIO OSCILLATOR

TS-382F AUDIO OSCILLATOR, 20 Hz to 20 KHz in four bands. Output: 0 to 10 volts across 1000 ohms. With built-in 60 and 400 Hz Reed frequency meter. Size: 10 x 12 1/2 x 18 1/2, SHPG. WT: 50 LBS. NET: 45 LBS. PRICE: USED, REPAIRABLE, \$49.50. CHECKED, \$65.



TS-382F AUDIO OSCILLATOR, MOST RECENT VERSION TS-382. USED, REPAIRABLE, \$60. CHECKED, \$75. TRANSIT CASE F/TS-382F, USED, \$10.00.

50 TO 400 Mhz FM



SG-3/URM-70 FM SIGNAL GENERATOR, 50-400 Mhz in three bands. Internal modulation 1000, 1600, or 20000 Hz. External: 250 to 75 KHz. FM deviation: 0-15-75-150 KHz (50-100 KHz), 0-30-150-300 KHz (100-200 Mhz), and 0-60-300-600 KHz (200-400 Mhz). Output: 0.1 to 100K u-volts, -25%, 50 ohm out-put. Power required: 115 VAC 60 Hz. 15 x 11 1/2 x 17 1/2, 60 lbs sh. Used, repairable, \$225.00. Checked, \$295. MANUAL, partial repro, \$10.

KLYSTRON POWER SUPPLY

HEWLETT-PACKARD 715A KLYSTRON POWER SUPPLY for low power klystron tubes. Output -250 to -400 VDC regulated 30 to 50 ma for the beam electrodes and 0-900 VDC regulated for the reflector electrode. Reflector volts can be modulated by internal 1 KHz square wave or externally; square wave modulation adjustable up to 120 V peak-to-peak. Frequency modulation for 60 Hz sine wave 0-350 V p-p. Requires 115/230 VAC 50-60 Hz. 7 1/2 x 11 1/2 x 13 1/2, 26 lbs sh. Used, with output cable, \$49.50; Less, output cable, \$39.50



VOLTMETER-VLF RECEIVER



ME-71/FCC AUDIO LEVEL METER, COVERS 20 TO 500 KHz CONTINUOUSLY TUNABLE. AS SELECTIVE DETECTOR, IT MEASURES RF CARRIER ACROSS A 135 OHM BALANCED OR 600 OHM UNBALANCED LINE. VARIABLE ATTENUATOR PROVIDES INPUT SENSITIVITIES FROM -70 TO -42 DBM INDICATED ON 3 1/2" DIA. METER. INCLUDES 100 KHz CALIBRATOR. INPUT IMPEDANCE: 10K OHMS. AUDIO GAIN AND TWO PHONE JACKS. VARIOUS MODELS ("C" PICTURED). POWER REQUIRED: 115 VAC 60 Hz. 17 x 14 x 9, 40 LBS SH.

ME-71, w/NATIONAL-TYPE DIAL, USED, \$40.00
ME-71B, USED, REPAIRABLE, \$45. ME-71C, \$50.
OPERATIONAL, ADD \$30. MANUAL, REPRO, \$8.50

DISTORTION ANALYZER



HEWLETT-PACKARD DISTORTION ANALYZER MODEL 330BR.

WILL GIVE QUICK ACCURATE MEASUREMENTS OF DISTORTION AS LOW AS 0.1% AT ANY FREQ FROM 20 CPS TO 20,000 CPS

IT WILL MAKE NOISE MEASUREMENTS OF VOLTAGES AS SMALL AS 100 MICROVOLTS. THE ANALYZER HAS HIGH SENSITIVITY AND HIGH STABILITY. ITS CIRCUIT 20 DB AMPLIFIER, OSCILLOSCOPE TERMINALS, AND PRECISION VACUUM TUBE VOLTMETER WHICH IS USEABLE SEPARATELY. [EXCEPTIONALLY USEFUL FOR ALL KINDS OF AUDIO MEASUREMENTS IN RECORDING, BROADCAST, MOTION PICTURE, LABORATORY ETC. SIZE: 8 1/2 x 9 1/2 x 13 1/2 (RACK MOUNT) WT: SHPG. 40 LBS. PRICES: USED REPAIRABLE \$185. CHECKED \$225.

TS-723-C SPECTRUM ANALYZER, MILITARY VERSION OF HP-3308; USED, REP, \$165. CHECKED, \$210

FM SIGNAL GENERATOR

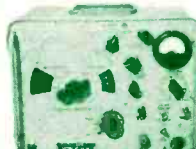
SG-12/URM- FM SIGNAL GENERATOR, 19.5 TO 102 Mhz FM IN FIVE BANDS WITH DEVIATION RANGES 0 TO 25, 50, AND 100 KHz; 1000 HZ MODULATION. ALSO 1K OUTPUTS ON 1.4, 2.515, 2.65, 2.88, 4.3, 4.45, 5.0, 5.35, 15 Mhz, PLUS TWO SPARE POSITIONS.



CALIBRATED OUTPUT VOLTAGES: 0.5 UV TO .01 VOLTS (RF); 0.5 UV TO 1.0 V (IF). OUTPUT IMPEDANCES: 10 OHMS (RF); 25 OHMS (IF). WITH 1 Mhz AND/OR 2 Mhz CRYSTAL CALIBRATOR MARKERS. POWER REQUIRED: 115/230 VAC 50-1000 Hz. SIZE: 12 x 18 x 12; SHPG WT: 85 LBS.

Used-repairable, \$165 \$100; Checked, \$205 \$165
MANUAL for SG-12, partial reproduction, \$12.

10 KHz TO 50 Mhz



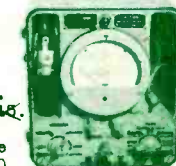
AN/URM-25F SIGNAL GENERATOR, covers 10 KHz to 50 Mhz AM in nine bands. RF output: 0.1 to 100K microvolts into 50 ohms; 2 V adjustable across high load impedance. Modulation 0-50%, 400 or 1000 Hz internal. 1 Mhz calibrator; designed accuracy ±0.05% above 10 Mhz. Requires 115 VAC 50-100 Hz. 11 1/2 x 14 x 10 1/2, 44 lbs. Used, repairable, \$145. Checked, \$210.00

ACCESSORIES available w/purchase of URM-25F: BOOK-partial repro, \$10. DA-109 Dummy Load \$8. CX-2919 Test Lead Adapter, \$7.50
CU-405 Impedance Matcher, 500 ohms up, \$7.50
CU-403 Impedance Matcher, 70 ohms, \$7.50
BNC Cables, 6", \$1.00; 4 feet, \$1.50

SPECIAL SALE VTMV's!

VACUUM TUBE VOLTMETERS at reduced prices due to special quantity purchase. All are used.

TS-505/U, ranges 0 to 2.5, 5-10-25-50-100-250-500 Vrms plus 1000 VDC scale. Also Kl thru Kl Megohm ranges. Response: 30 Hz to 5 Mhz. With AC, DC, and ohm probes. 9 1/2 x 9 x 6, 17 lbs. Repairable \$40. NOW \$25. Checked, \$30. \$45.
500 Mhz probe \$10 w/purchase Manual, partial repro, \$8.50



HEWLETT-PACKARD 410B, features 20 Hz to 700 Mhz response with full scale ranges 1-3-10-30-100 and 300 Vrms plus 1000 VDC. Resistance scales Kl thru Kl Meg. High frequency AC probe has EA53/2-01C tube. 11 1/2 x 7 1/2 x 9 1/2, 15 lbs sh. Repairable, \$59.50 NOW \$39.50. Checked, \$109.50 NOW \$85.00. Manual, \$8.50 with set purchase.

ME-180/USM-116, similar electronically to the HP-410B, set has added 0.02 to 1000 MA DC feature. Response to 100 Mhz with AC probe and to 700 Mhz with optional T-connector accessory. AC probe uses 6923/EA52 tube. 7 x 8 1/2 x 9, 21 lbs sh. Repairable, \$55 \$35. Checked, \$80. \$65.00. T-connector, \$10 w/set. Manual, par-repro \$10

FM SIGNAL GENERATORS

BOONTON (HP) 202H AM-FM GENERATOR, 54-216 Mhz in two bands. Output 0.1 uv to 200 mv into 50 ohms. 0-50% internal AM; FM deviation 0-250 KHz in 4 ranges. 10 1/2 x 16 1/2 x 18 1/2, 56 lbs sh. Used, repairable, \$365.

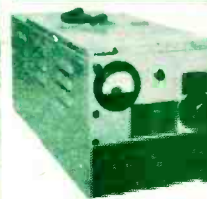


BOONTON 207H UNIVER, adds 100 KHz-50 Mhz range to 202H, \$75 w/202H purchase. MANUAL for 202H and 207H, \$12 w/set purchase.

MARCONI TF1066B/1, 10-470 Mhz AM-FM in five bands. Output: 0.2 uv to 200 mv. Modulation 1 or 5 KHz; FM deviation scales -20 and -100 KHz. 14 x 19 1/2 x 9, 60 lbs sh. Used, repairable: rackmt \$465.; cabinet \$485.



0.1-10 GHZ FREQ. METER



TS-186/UP FREQUENCY METER, measures frequencies from 100 Mhz to 10 Ghz using harmonics of a 50-1250 Mhz heterodyne oscillator. Zero beat dial readings are interpolated into frequencies via a calibration book. Zero beat indicated on an 0-1 milliammeter or monitored through a 600 ohm headphone jack.

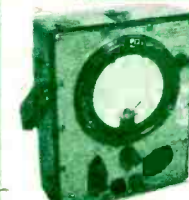
RF signal input must be from 500 MV to 1 V for proper use. With tubes 2C40, 955, 5Y3, 2/OD3, and 5/6SJ7. Power required: 115 VAC 50-1000 Hz. 9 1/2 x 8 1/2 x 20; 48 lbs. sh. Used, repairable \$305 \$75; Checked, \$385 \$110. MANUAL f/TS-186, partial reproduction, \$8.50

TRANSISTORIZED SCOPE

OS-106/USM-117 TRANSISTORIZED OSCILLOSCOPE, DC to 5 Mhz bandwidth, 4QP2 rectangular CRT, and is very compact. Includes MX-2996 high gain vertical plug-in plus has dual-trace capabilities when used with MX-2995 plug-in (not available). Sweep range: 0.1 usec to 0.1 sec in 19 calibrated steps in 1, 2, 5, 10 sequence. Vertical sensitivity: 0.01 v/div to 20 v/div in 11 calibrated steps in 1, 2, 5, 10 sequence, variable to 50 v/div. Input impedance: 1 Mohm shunted by 47 pf. Calibrator generates 1 KHz square wave at either 0.04 or 0.4 v p-p. Probe and cover not available. Requires 115 VAC 50-60 Hz or 400 Hz. 8 1/2 x 9 1/2 x 14 1/2; 28 lbs. Used, repairable, \$185.00. Checked, \$285. MANUAL, repro, \$15 w/purchase.



PSM-6 MULTIMETER



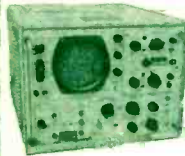
AN/PSM-6 MULTIMETER, rugged compact unit 4 1/2" dia. 50 microamp meter. Ranges 0.5-2.5-10-50-250-1000 VDC (1K ohm/v or 20K ohm/v) and VAC; 100 microamps to 1 amp DC. Also ohms multiplier scales Kl thru KlOK ohms. Readings to 5000 VDC and 10 amps possible when used with accessory adapters which are not available. Requires 13.4 VDC battery tapped at 1.34 V. With test leads. 8 1/2 x 7 1/2 x 4 1/2, 12 lbs sh wt. Used, repairable, \$45.00; checked, \$65.00

PULSE GENERATOR

RUTHERFORD B7F PULSE GENERATOR with 2 Hz to 2 Mhz repetition rate in five bands. Pulse delay: 0.0 to 10K u-sec. Width: 0.05 to 10K u-sec. Pulse output 50 V min. into 50 ohm load, positive or negative. Rise/fall time 0.015 u-sec. Sync pulse out 10 V min., 0.05 usec width; 0.03 usec risetime, positive polarity. Requires 115 VAC 50-60 Hz. 8 1/2 x 19 1/2 x 13, 50 lbs sh wt. Used, repairable, \$75.00



DUAL-TRACE PRICE-CUTS



AN/USM-140C OSCILLOSCOPE, DC TO 30 MHz MAINFRAME, SIMILAR TO H-P 170A. INCLUDES MX-2930 DUAL-TRACE VERTICAL PLUG-IN WITH DC TO 22 MHz PASSBAND. INPUT IMPEDANCE: 1 MEG-OHM SHUNTED BY 30 PF. INPUT SENSITIVITY: 0.02 VOLT/CM TO 20 V./CM. FUNCTIONS: CHANNEL

A, CHOPPED, A-B, AND ALTERNATE. HORIZONTAL MX-3078 PLUG-IN SWEEP RATE: 0.1 U-SEC/CM TO 5 SEC/CM. HORIZ. SENSITIVITY: 0.1 V/CM TO 10 V/CM. MAGNIFIER XI TO X100 IN SEVEN STEPS. CALIBRATOR: 0.2 MV TO 100 V. IN NINE RANGES. POWER REQUIRED: 115/230 VAC 50-1000 Hz. SIZE: 14x19x22; SHGP, WT: 110 LBS. PRICE: USED, REPARABLE, \$195. CHECKED, \$295. PRO-LOG M900 PROM PROGRAMMER with modules FM9001A (1702A), FM9005 (2704/2708), and FM-9052 (2716); book included. Used, \$295.00

OS-8 OSCILLOSCOPE

OS-8/U OSCILLOSCOPE WITH 3RPI CRT

HIGHLY PORTABLE UNIT HAS DC TO 2 MHz VERTICAL RESPONSE; DC TO 500 KHz HORIZONTAL. VERTICAL AND HORIZONTAL SENSITIVITY: 0.075 V-RMS FOR 1" DEFLECTION. SWEEP RANGE: 3 TO 50 KHz. INPUT IMPEDANCE: 9 MEGOHMS SHUNTED BY 11 MMF (DC). DIRECT ACCESS TO VERTICAL AND HORIZONTAL PLATES. POWER REQUIRED: 115 VAC 50-1000 Hz. SIZE: 9x6x13 1/2; SH WT: 20 LBS. PRICE: USED, REPARABLE, \$44.50; CHKD. \$69.50



MANUAL for OS-8, partial reproduction, \$8.50

DUMONT 304 SCOPE

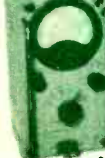
DUMONT 304H OSCILLOSCOPE, has big 5" CRT (5CP1). DC to 100 KHz response; usable to 300 KHz. 100 MV full scale vertical sensitivity. Sweep: 2-30 KHz. Max. sweep rate: 1" per u-sec. Input impedance: 2 megohms paralleled by 50 pf. Graticule not included. Power required: 115/230 VAC 50-60 Hz. 9x13 1/2x19; 65 lbs. sh. Used, repairable, \$45. 304H SCOPE shipped with 5CP7 CRT, \$49.50. DUMONT 304A SCOPE, same as "H" model, but uses 5ADP1 flat-faced CRT. Used, rep., \$50. MANUAL for 304A or H, partial repro., \$8.50

SCOPE FOUNDATION



TS-1273 OSCILLOSCOPE, originally the display unit for a radar test set, but appears to be a good foundation for a compact scope. Features a 3" sq. flat-face (4MP1) CRT. 50 Hz-6 Mhz response; 0.05 u-sec risetime. Input attenuation ranges: .05, .1, .2, .5, 1, 2, 5, 10, and 20 v/inch. Selectable input imped: 7 megohms (approx) or 75 ohms. Controls for vertical, horizontal, astig., focus, intensity, vert. attenuator, and impedance. With CRT shield, bezel, and tubes 4MP1, 2/1V2, 5/5814, 2/6BQ5. No sweep generator, horiz. amp, or blanking circuits. Requires 250 VDC deflection volts; +1500 and -1500 VDC high voltage originally supplied from internal oscillator type source. Schematic incld. 17x4 1/2x8; 12 lbs. sh. Used, w/all tubes, \$30. W/4MP1 only, \$25.

ME-6D VOLTMETER



ME-6D/U VTVM, covers 0.005 to 500 V-rms in six ranges and -65 to 57 db. Built-in 15 Hz-250 KHz wide-band amplifier with max. voltage gain of 4500; minimal distortion to 23 VAC output. 115 VAC 50-400 Hz. 11x6 1/2x5 1/2, 14 lbs sh wt. Used, repairable \$30. Checked, \$50. MANUAL f/ME-6D, partial repro \$8.50

SWEEP GENERATORS

KAY 111A SWEEP GENERATOR, 10-950 Mhz in two bands. Sweep width 50 KHz-40 Mhz continuously variable. Sweep rate variable around 60 Hz; locks at line frequency. RF output:

0.15 Vrms (Hi) or 0.07 Vrms (Lo) into 70 ohm. Sweep output approx. 20 V regular sawtooth. Has micrometer frequency readout and uses two 2K25 tubes in the oscillator. 9x19x17, 45 lbs sh. Used-reparable w/good 2K25's, \$65.

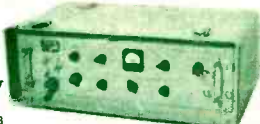


SSB TEST EQUIPMENT



SG-376 TRANSISTORIZED TWO-TONE I.F. SIGNAL GENERATOR for testing SSB equipment. Has two 20 Hz-20 KHz audio oscillators and two independent I.F. oscillators. IF output: 497.5, 498.5, 501.5, or 502.5 KHz only; also 497.5 & 498.5 or 501.5 & 502.5 KHz simultaneously. Output levels: 2-2.5 V into 600 ohms (AF); 1-1.25 V into 50 ohms (IF) with attenuation to 100 db in 1 or 10 db steps. Designed distortion less than 60 db below max signal. Requires 115 VAC 50-450 Hz. 5 1/2x19x11, 35 lbs sh. Used-reparable \$135; CHKD., \$195. MANUAL for SG-376, \$7.50 if purchased w/set.

SG-823/URM-144 TWO-TONE REFERENCE SIGNAL GENERATOR, used in the measuring of receiver sensitivity and SSB transmitter distortion. Provides two RF outputs which can be used independently or in combination with no intermodulation effects. Frequency outputs: 2.0, 3.6, 4.0, 7.2, 8.0, 14.4, 16.0, 28.8 Mhz at 100K u-volts max into 50 ohms. Frequency adjust $\pm 0.05\%$ (tone A), $\pm 0.0025\%$ (B). Distortion at least 60 db below max signal. Requires 115 VAC 60 or 400 Hz. 5 1/2x19x11, 35 lbs sh wt. Used, repairable, \$125.00; Checked, \$185.00. MANUAL for SG-823, \$7.50 if purchased w/set.



TV-2 TUBE TESTER



TV-2 DYNAMIC MUTUAL CONDUCTANCE TUBE TESTER, checks most military and older commercial receiving and low power emitting tubes. Test sockets for 4, 5, 6, 7-pin, 7- and 9-pin miniature, octal, octal, acorn, sub-mini flat and round tube bases. Measures mutual conductance, emission, gas, noise, and shorts. Meters for filament, grid, plate, screen, signal, and transconductance (percent quality). Theoretical-ly, a tube not listed on the roll data chart can be tested by setting the proper voltages on the meters provided those voltages are known. Requires 115 VAC 50-1600 Hz. 17 1/2x8 1/2x16 1/2, 50 lbs sh wt. Used, repairable, \$75.00; Checked, \$110. MANUAL, partial repro., \$10.

FR-149 FREQUENCY METER



FR-149/USM-159 TRANSISTORIZED FREQUENCY METER, COVERS 125 KHz TO 1000 KHz IN THREE RANGES: 125 KHz-2.5 Mhz, 2.5-65 Mhz, and 65-1000 Mhz. CAN BE USED AS A SIGNAL GENERATOR BY PROVIDING EITHER MODULATED OR UNMODULATED SIGNALS. FREQUENCY FUNDAMENTALS READ DIRECTLY FROM MAGNIFIED AND ILLUMINATED CALIBRATED FILM STRIP AND THEN INTERPOLATED IN ACCOMPANYING CALIBRATION BOOK. OPERATES FROM EITHER SIX "D" CELL BATTERIES OR FROM 115/230 VAC 50-450 Hz. SIZE: 11 1/2x11 1/2x13; SHGP. WT: 33 LBS. USED, REPARABLE, \$99.50. CHECKED, \$150.00

8500-9600 MHZ TEST SET

TS-148/UP SPECTRUM ANALYZER, 8470-9630 Mhz with 3" CRT (3BPI) display. Measures frequencies of cavities, echo boxes, magnetrons, and local oscillators. Receives CW and pulse; transmits CW and FM carrier. 1 MW power output (2K25). Max. spectra dispersion: 1.5 Mhz/in. Requires 115 VAC 60 Hz. 19x13 1/2x25, 45 lbs sh. Used, \$50.00



AN/UPM-33 TEST SET, includes TS-148/UP, wave guides, horn antenna, cables, transit case, and manual; 80 lbs sh. Used, \$85.00

FR-72 TUNED CAVITY for the 8500-9000 Mhz range. 0-30 u-ammeter indicates stored energy. With 1N-23B crystal diode, UG-446 waveguide to N connector adapter, and 8' coax. 16x26x14; 40 lbs sh. Unused, \$34.95

PHASE-TEST SCOPE



MK56 PHASE-TEST SCOPE, essentially an OS-8 oscilloscope modified to check phasing of selcons and synchros. Major changes are the addition of a phase tune 0-360° dial and enlarged case. Unit has 3RPI CRT DC to 2 Mhz vertical, and DC to 500 KHz horizontal response. Sweep: 3 to 50 KHz. Input impedance: 9 megohms shunted by 11 pf. Schematic incld. Requires 115 VAC 50-1000 Hz. 9 1/2x9 1/2x17, 24 lbs sh. Used, repairable \$55.

ORION AC VTVM



ORION V-100M VACUUM TUBE VOLTMETER with 6" w X 4 1/2" h mirrored scale; similar to Hewlett-Packard 400H. Twelve full scale meter ranges from 0.001 to 300 VAC (rms) or -60 to +50 DB. Response 10 Hz to 4 Mhz. Input impedance 10 megohms shunted by 24 pf (.001-0.3 V) or 14 pf (1-300 VAC). Requires 115/230 VAC 50-1000 Hz. 11 1/2x7 1/2x11 1/2, 22 lbs sh. Used, repairable, \$45. Checked, \$75.

DATA TECH 5313



DIGITAL PANEL METER, 0-20 VDC 3 1/2 digits; Data Tech Model 5313-220. Accuracy: $\pm 0.1\%$ reading plus one count. Input impedance: 10 megohms. Has Sperry 7-segment 0.5" readouts. Also auto polarity, overvoltage protection ± 200 V., external control and BCD outputs. Uses standard TTL and linear IC's for easy repair. Manual and schematic included. 4" w x 1-7/8" h x 5 1/2" d. 3 lbs sh. Checked, \$39.50

AN/USM-50 OSCILLOSCOPE, 3 Hz to 15 Mhz response with sweep delay and 3ADP1 CRT. Sweep continuously adjustable 0.17 to 37.5K usec. Risetime: 0.022 usec. Markers at 0.2, 1, 5, 20, 100, 500, 2K usec. Vertical input impedance: 1 megohm shunted by 40 pf. Horizontal: 1 megohm shunted by 30 pf. Calibration: 1 KHz adjustable 20-200 mv. External connections possible to vertical plate and horizontal amp. Less probes. 15 1/2x19 1/2x16 1/2, 80 lbs sh. Used, repairable \$75. Checked, \$125. MANUAL, partial reproduction, \$10.00



TS-34A/UP SCOPE, 30 Hz to 1 Mhz response with 2AP1 CRT. Rise-time: 0.25-30K usec. Sweep adjustable in 3 ranges from 10-50000 Hz. Input impedance: 62 ohm (low) or 430K ohms (hi). Input sensitivity: 0.1 to 1 V at low impedance. 6x8x15, 40 lbs sh. Gov't record., \$65. Manual, \$8.50 w/set

TRANSISTORIZED SCOPE



HFE T4214A TRANSISTORIZED OSCILLOSCOPE; ENGLISH MANUFACTURED SCOPE USES PRINTED CIRCUIT CARDS FOR THE PRE-AMP, SIGNAL DEFLECTION AMP, TIME BASE, INTENSITY MOD, AND SWEEP AMP. PROVISIONS ALSO FOR SIGNAL DELAY, TRIGGER PICK-OFF, AND TRIGGER DELAY PC CARDS (NOT AVAILABLE). ESTIMATED FREQUENCY RESPONSE: 300 KHZ LIMITED BY DEFLECTION AMP. USES 5LCP11 CRT; SWEEP IS FROM TOP TO BOTTOM BUT CAN BE CHANGED TO LEFT TO RIGHT. INCLUDES CONTROLS: FOCUS, BRIGHTNESS, ASTIG., SIGNAL SHIFT, INPUT ATTENUATOR (0.1 TO 10 V./DIV. IN 7-STEPS); TIME BASE (1 U-SEC TO 10 M-SEC IN 5-STEPS); MULTIPLIER X.5, X1, AND X2; TIME BASE SHIFT, TIME BASE DEFLECTION (EXT/INT); TRIGGER LEVEL; AND FREE RUN/SINGLE SHOT. SLIGHTLY BENT FRAME; LESS CASE AND POWER PLUG. POWER REQUIRED: 115 VAC 60 HZ OR 12 VDC 1 AMP. SIZE: 9x17x25, SHPG. WT: 60 LBS. PRICE: USED, REPARABLE \$50.00

TELETYPEWRITER SCOPE



TDA-2N TS-1060 TELETYPEWRITER TEST SCOPE, MEASURES BIAS AND DISTORTION OF START-STOP AND SYNCHRONOUS TELEGRAPH SIGNAL ON A 3" CRT. INPUT SPEEDS APPROX. 60 WPM (5 UNIT CODE), 60, 75, 100 WPM 7.42 CODE, AND BAUD SPEED EQUIVALENTS TO 60.75, 100 WPM (10.42 UNIT CODE). INPUT IMP. 100 OHMS FOR 60MA NEUTRAL; 300 OHMS FOR 20MA NEUTRAL AND 30MA POLAR. MEASUREMENT RANGE 0-50% MARKING, OR SPACING BIAS AND DISTORTION. TUBES: 3KP1, 5651, 0A2, 3/12AT7, 6X4, 0B2, 3/5963, 5726. POWER REQUIRED 115/230V 60HZ. 8x8x15 SHPG. WT: 24 LBS. USED REPARABLE \$34.95 (FOUNDATION UNIT) LESS C.R. TUBE 24.75

ME-9 MULTIMETER



ME-9/TS-352 MULTIMETER, PORTABLE GENERAL PURPOSE VOM. 1000 OHMS/VOLT AC-DC SENSITIVITY OR 20,000 OHMS/V. SENS. DC ONLY. MEASURES AC-DC VOLTS FROM 2.5 TO 1000 V. IN SIX RANGES. DC AMPS FROM 250 U-AMPS TO 10 AMPS IN EIGHT SCALES; OHMS FROM X1 TO X10K. WITH 4" METER (FS=50 UA); JACK FOR 5000 VDC @ 20,000 OHMS/V.; AND TEST LEADS. REQUIRES THREE 4 1/2 VDC AND ONE 3 VDC BATTERIES (NOT AVAILABLE). SIZE: 11x8x6; SHPG. WT: 7 LBS. USED. PRICE: REPARABLE, \$29.95; CHECKED, \$39.95

TS-375/U VACUUM TUBE VOLTMETER,

AC VOLTS RANGES FROM 1.2 TO 120 VAC IN SIX STEPS; DC VOLTS FROM 1.2 TO 300 VDC. FREQUENCY RESPONSE FROM PANEL TERMINALS: 40 HZ TO 50 KHZ; OR 10 KHZ TO 150 MHZ USING PROBES. WITH BOTH AC AND DC PROBES. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 10x10x6; SHPG. WT: 23 LBS. USED. PRICE: REPARABLE, \$18.95;



MULTI-PURPOSE TEST SET

AN/TRM-1 SIGNAL GENERATOR,

covers 0.19-400 Mhz AM using two RF oscillators SG-32 (0.19-30 Mhz in 5-bands) and SG-33 (30-400 Mhz). Internal modulation 0-60% @ 1 KHz or 200-6000 Hz external. Output: 2.5 to 100K u-volts in nine steps; 50 ohm impedance. Built-in voltmeter measures 0-3-30-600 VDC, 0-3-30-300 VAC, and 0-10-100-1000 MW. Also tests performance of 3 to 100 watt transmitters over freq. range when proper coupler and dummy load (not included) is used. Write for availability/price of accessories. Requires 115 VAC 60 Hz. 18x13x8; 65 lbs. Shipped UPS in two cartons. Used, reparable \$135. Checked, \$225. MANUAL, partial repro., \$10.



TEKTRONIX

TEKTRONIX manufactured test equipment removed from service. Sold in "used, repairable" condition. Write for "checked" price. Scopes requiring plug-ins are sold "less plug-in." qty. 1td.

- TYPE 531 DC to 15 Mhz, plug-in type, \$150.00
- 532 DC to 5 Mhz, plug-in type, 125.00
- 533 DC to 15 Mhz, plug-in type, 165.00
- 535 DC to 15 Mhz, with sweep delay, plug-in type, \$185. Checked, \$250.
- RM35A rackmount 535A, \$205. Chkd., \$265.
- 536 DC to 10 Mhz X-Y scope w/T plug-in; requires additional plug-in, \$250.
- 543A DC to 30 Mhz single time base; x100 mag., plug-in type, \$215.00
- 545 DC to 30 Mhz with sweep delay, plug-in type, \$250. Checked, \$325.
- RM45A rackmount 545A, \$265. Chkd., \$340.
- 551 DUAL-BEAM to 25 Mhz, uses two plug-ins; with ext. power supply, \$295.
- 555 DUAL BEAM to 30 Mhz w/sweep delay, Type 21 and 22 time base plug-ins, and external power supply; requires two vertical plug-ins, \$350.00
- RM561A compact scope w/2B67 time base plug-in and choice of 2A60 1 Mhz or 2A63 300 KHz diff. plug-in, \$275.00
- 575 TRANSISTOR CURVE TRACER SCOPE, \$285.
- RM585A DC to 80 Mhz with sweep delay and 82 dual-trace plug-in, \$525.00
- 661 PULSE SAMPLING SCOPE w/453 dual-trace and 5T1A time base, \$295.00

TEKTRONIX TYPE 82 DUAL-TRACE SCOPE PLUG-IN, DC to 80 Mhz response for 580-series \$175.

TEK TYPE CA DUAL-TRACE, DC to 24 Mhz for 530, 540, and 550-series scopes, \$110.00

Other vertical amp plug-ins for Tektronix scopes and similar ones by other manufacturers. Add \$10 for units of Tektronix manufacture. All "used-reparable":

- TYPE B, Wide-band, high-gain, \$35.00
- TYPE D, High-gain, DC differential, \$25.00
- TYPE E, Low-level, AC differential, \$35.00
- TYPE G, Wide-band, DC differential, \$20.00
- TEK TYPE 53/54K, Fast-rise, \$45.00
- TYPE L, Fast-rise, high-gain, \$55.00
- TEK TYPE M, Four-trace, \$175.00
- TEK TYPE Q, Transducer/strain gage \$175.00
- TEK TYPE T, for 536 scope, \$125.00
- TEK TYPE W, High-gain diff/comparator \$175.
- TEK 2B67 Time base for 560-series, \$100.00
- TEK 5T3 Timing unit for 661 sampler, \$100.



TEKTRONIX 180A TIME-MARK GENERATOR, 14 time-mark intervals from 1 u-sec to 5 seconds. Three sine wave freq: 5, 10, & 50 Mhz. Trigger rate freq: 1, 10, 100 Hz and 1, 10, 100 KHz. Power required: 115/230 VAC 50-60 Hz. Size: 13x10x16; 37 lbs sh. Used, reparable \$75 Used, checked, \$100.00

TEKTRONIX 110 PULSE GENERATOR and TRIGGER TAKEOFF SYSTEM, 0.25 n-sec risetime, 720 p/s repetition; trigger regenerator output 6 to 10 volts for 220 to 280 n-sec for triggering scopes with slow trigger response. \$125.00

TEKTRONIX 453 SCOPE, dual trace DC to 50 Mhz; compact solid-state unit w/manual, \$995.00



TEKTRONIX 190A CONSTANT-AMPLITUDE SIGNAL GENERATOR with 190A attenuator unit; produces sine waves at constant amplitude in the 350 KHz to 50 Mhz range. Six bands; output continuously variable over entire range. Also 50 KHz position variable over narrow band. Output amplitude variable from 40 mv to 10 v peak-to-peak. 190A attenuator attenuates 0.1, 0.25, 0.5, 1, 2.5, 5, and 10 at nominal impedance of 52 ohms. Requires 115/230 VAC 50-400 Hz. 9x13x11; 30 lbs sh wt. Used-reparable \$145. Checked \$145.

FREQUENCY METERS



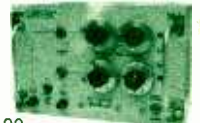
AN/URM-32 FREQUENCY METER: 125 KC to 1000 MC IN THREE RANGES, CAN ALSO BE USED AS A SIGNAL GENERATOR WHICH PROVIDES A CHOICE OF MODULATED OF UNMODULATED SIGNALS FOR TESTING AND CALIBRATING RADIO EQUIPMENT. SENSITIVITY WITH AN RF OUTPUT OF .05 MW MINIMUM IS OBTAINED. ACCURACY .01%, RF 100 UV MINIMUM ACROSS EXTERNAL 50 OHM RESISTIVE LOAD. FIVE TUBE HETERODYNE TYPE, POWER REQ. 6 VDC 1 AMP. 180 VDC 25 MA., DRY BATTERY OR AC SUPPLY CAN BE USED. METER IS USED TO READ P.S. VOLTAGES. W/CALIBRATION BOOK SIZE: 13x12x13 1/2; WT: 29 LBS.

Price: Used, reparable, \$65. Checked, \$95. 115 VAC 60 Hz power supply, \$20 additional.



LM-21 FREQUENCY METER with AC power supply; Crystal calibrated unit covers 125 to 20,000 KHz in two bands. Design accuracy better than 0.02%. AM modulation 40% at 500 Hz. Output voltage: 250 u-volts min. Output impedance: 600 ohms. With calibration book, 1000 KHz crystal, and tubes 6A7, 76, 77, 2/991. Requires 115 VAC 60 Hz. Size: 8x8x8 1/2, 14 lbs sh. (meter); 8x8x8 1/2 x8, 15 lbs sh. (power supply). Used, \$24.95 CHECKED, \$50. Set w/RECONDITIONED meter, \$65. POWER INPUT CONNECTOR for meter, \$2.00 each. CONNECTORS (2) for power supply, \$2.00 each. SHOCKMOUNT, \$2.50 MANUAL, \$7.50 METER ONLY, less tubes, xtal, cal-book, \$12.

PLUG-INS FOR HP-524 AND SIMILAR COUNTERS. USED, REP. ADD \$10 FOR HP MFG. MX-1637 10-100 Mhz, \$35. CV-594 100-220 Mhz, \$25. HP-525C 100-500 Mhz, \$125. HP-526A VIDEO AMP, \$40. MX-1636 TIME INTERVAL, \$25.00 HP-526C PERIOD MULTIPLIER, \$40.00



TRANSIT CASES F/525-526 PLUG-INS. STEEL (11x8x8), \$5.00. FIBERGLASS (14x9x9), \$10.00

TS-510A USM-44A SIGNAL GENERATOR

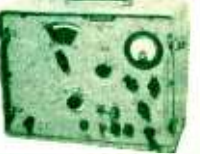


TS-510A/USM-44A SIGNAL GENERATOR, 10 to 420 Mhz AM, CW, and pulsed carrier. Internal modulation 400 or 1000 Hz. External mod: 100 Hz to 20 KHz. Output: 0.1 volt to 0.5 volt into a 50 ohm load. Large 3 1/2" round meters indicate Percent Modulation and Output Volts-DBM. With built-in 1 Mhz and 5 Mhz crystal calibrator. Similar to Hewlett-Packard 608D. Power required: 115/230 VAC 50-1000 Hz. 13x16x21, 80 lbs. Used, reparable with output, \$245.00 \$195. ***** MANUAL for TS-510A, partial reproduction \$10.

4 TO 405 MHZ GENERATOR

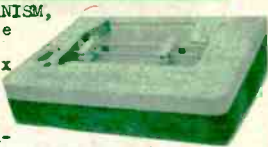
SG-117/URM-26B SIGNAL GENERATOR,

4.0 to 405.0 Mhz AM-CW-pulse in six bands. Compact unit has 0.1 to 100K u-volt output @ 50 ohms. Modulation 400 or 1000 Hz 0-50%. External pulse-mod requires positive 40 V min., 50-5000 pps; duration 2-40 u-sec and 70 ohm input impedance. Requires 115 VAC 50-1000 Hz. 11x14 x10 1/2, 36 lbs sh wt. Used, reparable, \$175.00 Checked, \$225.00; Manual, partial repro. \$10. ACCESSORIES sold only w/purchase of URM-26B: CN-315 2:1 attenuator, 50 ohms, \$6.00 CN-318 10:1 50 A \$7.50 CN-471 10:1 70 A \$8. CU-439 impedance matcher, \$7.50 BNC cords, 4 ft, \$1.25; 6", \$1.00



PRINTER MECHANISM

MATRIX PRINTER MECHANISM, precision German-made mechanism used in a U.S. assembled matrix printer which had speeds upto 180 CPS bidirectional, 0-132 or 0-158 columns. Includes single platen, ribbon drive, motors, belts, paper guides, etc. In 26"wx8 1/2"hx20"D beige plastic case with cast-aluminum base. Cover lifts for easy access. Add your own control/interface electronics and print heads and make it operational. 75 lbs sh wt. #MPM/M12, unused, \$125.00



#MPM-2F/M12 MECHANISM, same as above except with dual platen; 80 lbs sh. Unused, \$250.00

PRINTER CASE only as above, #MPC/M12, \$25.00

PRINTER STAND for the above or other items. 25" high with 13"x24" top support for bolting on desk top or cabinet. Space behind foot panel for storage. Welded steel construction; chocolate brown. O/A 25 1/2"x24x21, 38 lbs sh. Shipped bus or truck only. #PSD/M12, \$25.00

DATANETICS KEYBOARD as used with matrix printer. 75 keys ASCII encoded. Requires -5, -12 VDC. Assembled keyboard with unassembled, unpainted enclosure. Edge connector, hardware, pinouts incld. \$89.95



MECHANISM PC BOARDS

#217D-242 CARRIAGE-RIBBON MOTOR DRIVER BOARD, provided outputs for red/blk ribbon solenoid, ribbon motors, and carriage as well as voltages for Processor, Controller, and RAM PCB's. Has power transistors 6/TIP142, 3/TIP-140, 3/TIP145, 2/TIP2955, 2/LM320T-12, 2N3055, and related transistors and 74-series IC's; +40 +5 +9 VDC req. \$16.95

#217D-243 PAPER FEED #1/ HEAD DRIVER PCB, provides outputs for printhead needles, voltages for carriage/ribbon motor PCB, I/O for optical clock, and output to paper feed #2. Has transistors 13/TIP142, 2/TIP145, 2N3055, 4/MPL455P IC's, and 16/74-series IC's. Requires +40, +9, +5 VDC; 8 1/2"x8 1/2". \$18.95

PRINTER POWER SUPPLY as used with above. Has AC outputs 2/24, 6, 18, 42-14-0-14-42 V from 115 VAC 60 Hz input. DC rectification required for proper voltages. Also has line filter for external fan, relay for cover interlock, and two fuses. 11x6x4, 18 lbs sh wt. #803-101, \$17.95

PRINTER INTERFACE PCB

#217E-238 PROGRAMMABLE INTERFACE, has 8080A microprocessor, 8251 programmable communications interface, 2/8255 programmable peripheral interface, 8224 clock generator, 8228 controller, 3/8205 decoders, MC14411 baud rate generator, 4/2111-4 256x4 RAM, 4/4804 1024x4 RAM, 74123, 74196, and 74LS04. Also four 8-place DIP switches for baud rates 75-110-134.5-150-200-300-600-1200-1800-2400-3600-4800-7200-9600 and sockets for 2/2708 EPROM. Provisions for additional 2/2708, 4/4804, 8251, and secondary transmit-receive components. Requires -9 and +5 VDC; 7 1/2"x10 1/2". \$85.00

#217D-249 SERIAL INTERFACE, has 8212 8-bit input-output port, 8251, MC14411, 75188, 75189, 74LS08, 74LS10, two 74LS243, 1.8432 Mhz crystal, five 8-place DIP switches for baud select as on #217E-238 interface. Provision secondary xmit-receive components. -12 +12 -5 +5 VDC; 4 1/2"x7. \$29.95

COMPUTER FOUNDATION

DISPLAY CIRCUIT BOARD WITH EIGHT 3/8" 7-SEGMENT LED READ-OUTS, EIGHT RED LED'S, 15 DARLINGTONS, 8 PNP TRANSISTORS 3/C4003 SHIFT REGISTERS, PLUS OTHER COMPONENTS, BLOCK DIAGRAM. 10x3 1/2, #ECR7700, \$9.95

COMMUNICATIONS CIRCUIT BOARD, CONTAINS MODEM CARD WITH 7/1458 OP AMPS (NO SCHEMATIC). MAIN BOARD HAS TMS-6011 UART, INPUT SHIFT REGISTERS, AND GATES (TEN IC'S). ALSO INPUT TRANSFORMERS FOR MODEMS, SELECT WIRING FOR 4- OR 2-LINE INPUT, AND LEVELS 0 DBM, -3 DBM, -6 DBM, OR -9 DBM. MODEM INFO, BLOCK DIAGRAM. #ECR9600, \$12.95

IMPRINTER LOGIC BOARD; THREE 200 VOLT 4 AMP TRIACS DRIVEN BY CONTACTS OF THREE 12 VDC REED RELAYS. ALSO HAS 2/4003 SHIFT REGISTERS, EIGHT DARLINGTONS, EIGHT PNP'S, 3/9002, AND A 4049 HEX BUFFER/CONVERTER. W/BLOCK DIAGRAM. 10x4, #ECR9060, \$7.95

CONTROL CIRCUIT BOARD WITH C4004 4-BIT MICROPROCESSOR, 2/4003 SHIFT REGISTERS, 3/4002 RAM'S, AND 8/4001 ROM'S. ALSO A 4.704 MHZ CRYSTAL, FIVE OTHER IC'S FOR CLOCK AND GATING, 12 IC SOCKETS, BLOCK DIAGRAM. 10x5, 3 LBS. #ECR9620, \$15.95

MICROCOMPUTER POWER SUPPLY, USES TWO 3-TERMINAL REGULATORS AND A 723 WITH TIP3055 TRANSISTOR. INPUT: 115 VAC 60 Hz; OUTPUT: -25 VDC 180 MA; -5 VDC 800 MA, -15 VDC 1.25 AMPS. WITH SCHEMATIC. SIZE: 3 1/2x5 1/2x4; SHPC. WT: 10 LBS. #ECRPS-744, \$15.00

CREDIT CARD SCANNER, USES AN OPTICAL SYSTEM TO READ THE RAISED NUMBERS OF A CREDIT CARD INTO IN PHOTO ARRAY. HAS SMALL AC MOTOR TO DRIVE CARD THROUGH THE READER. ALSO LIGHT AND PLASTIC OPTICS, TWO ROCKWELL IC'S 10561 AND 15120. WITH DIAGRAM OF CONNECTOR WIRING. 5x5x4, #ECR2020, \$7.95

20-KEY KEYBOARD, 5/8" SQUARE BUSINESS KEYS WITH CHARACTERS: 0 THRU 9, CLR, RST, CRED, CASH, IMP, SEND, RET, CODE, \$, AND ACCT. TWO BUSES: ONE FOR NUMBERS; THE OTHER FOR INSTRUCTIONS. SIZE: 4x4 1/2, WT: 2 LBS. #ECR4835, \$3.95

ECR COMPONENT PACKAGE DEAL THE ABOVE SEVEN ITEMS WITH AN ECR-PREFIX WERE ORIGINALLY COMPONENTS OF AN ELECTRONIC CARD READER SYSTEM. THEY MAY BE PURCHASED INDIVIDUALLY AS MARKED OR TOGETHER AS A PACKAGE FOR \$45.00

POWER SUPPLY BOARD f/printer: 41 IC's & sockets (mostly 74-series); 32 power transistors (mostly 10 amp TIP-140-142-145); 3/VTA200-S 200 V 25 A bridges; 5/1N3990 100 V 12 A diodes; and related. Also axial capacitors 11/6800 uf 16 V; 5/1500 uf 63 V; 4/220 uf 25 V; 1000 uf 25 V; plus 56/6.8 uf 35 V and 10/4.7 uf 35 V tantalums. 20x14; 5 lb. #803-195 \$22.

P8085 PROCESSOR PCB

#217D-244 CONTROLLER CPU, directed electro-mechanical functions of printer. Has P8085 MPU with 5.7143 Mhz crystal, 2/8255A programmable peripheral interface, 8253 programmable interval timer, 8212 8-bit I/O, 4/8205 one of 8 decoder, nine 3341 FIFO shift register, 4/2111-1 RAM, 7400, 3/74LS00, 74LS125, 74LS161. Sockets for 6/2708. +12, -12, +5, -5 VDC req. \$100.00

#217-246 PROCESSOR CPU, has P8085 w/5.185 Mhz crystal, 8255A, 8212, 8253, 3/8205, 4/2114, RAM, 74LS00, 74LS02, 74LS32, 74LS93, and 74LS244. Also sockets for 4/2708 EPROM. Requires +5 VDC (plus +12 and -5 VDC for 2708's). Originally used with Datametics keyboard; 10x7. \$75.00

COMPUTER TERMINAL

795 VIDEO DISPLAY, CONVERTIBLE INTO A GRAPHICS TERMINAL AS DESCRIBED IN IN SEPT. '76 ISSUE OF 73 MAGAZINE. CONSISTS OF 12" DIAGONAL MAGNETICALLY DEFLECTED CRT, INTERNAL DC-TO-DC CONVERTER, 10 KV SUPPLY, HORIZONTAL AND VERTICAL DEFLECTION AMPS, AND INTERNAL MUFFIN FAN. WITH CONTROLS FOR INTENSITY, HORIZ. AND VERT. GAIN/POSITION. REQUIRES 115 VAC 60 Hz. POWER CONNECTOR NOT AVAILABLE. SIZE: 15 1/2"x17 1/2"x21; SH WT: 100 LBS., 75 LBS. NET. USED, \$59.50



CONTROL ASSEMBLIES ON 3x4 HEATSINK. USED, EXCELLENT YIELD ON SEMICONDUCTORS. SHPC WT. 4 LBS EA. SIMILAR TO PICTURE ORDER BY NUMBER

TRANSISTOR CONTROL ASSEMBLY WITH DIODES. 8/T0-3 60V (SIMILAR TO 2N3055) AND 8/T0-66 (SIMILAR TO 2N3054) 60V TRANSISTORS, 8/0.4 OHM 5W AND 8/30HM 3W RESISTORS, 8/00-4 DIODES WITH INSULATED MOUNTING HARDWARE. #7729 \$5.75

TRANSISTOR CONTROL ASSEMBLY, CONTAINS 8/T0-3 AND 8/T0-66 AND EMITTER RESISTORS AS ABOVE. SMALL DIODES AND RESISTORS #0425 \$5.00

CONTROL CLUTCH ASSEMBLY AND HEATSINK 9x4 IN. 8/100V T0-3 AND 2/60V T0-66 TRANSISTORS, FIVE 0.4 OHM 10 W RESISTORS, MORE. #095-8139 \$4.00

SOLENOID DRIVER ASSEMBLY WITH 6/70MFD 300V CAPACITORS, 6/ 60 OHM 3/10WATT DALE RESISTO TRANSISTORS AND DIODES. 3Lb #340C4587 \$3.50

TALLY LOGIC; 26/2N3643, 2N6027, 3/324, TWO 16 PIN SOCKETS, 500MFD 75V, 2/200MFD 25V 4MINI POTS, RESISTORS, CAPACITORS, DIODES SH WT 2 LBS #691746 \$3.50

REED RELAY

REED RELAY BOARDS LISTED BELOW CONTAIN 12VDC REED RELAYS AND ASSOCIATED COMPONENTS. ORDER BY BOARD NUMBER. SH WT. 3 LBS.

- #5336 1/DPST, 4/5PST, 2/4PST, mercury wetted relay SPDT, 26 diodes. \$3.95
- #5346 12/SPST, DPST, 2/DPST mercury wetted. 5 transistors, 51 diodes, capacitors 3/25 mf 50 V and 1/47 mf 35 V. \$5.95
- #5361 3/DPST, 4/SPST, mercury wetted SPDT, 6 transistors, 24 diodes, and misc capacitors and resistors. \$3.95
- #B40380 MAGNETIC REED SWITCHES with bias magnetics on board, \$4.95
- #315D339 Eight Clare HCSM 7004 mercury wetted relays on board, \$3.95

REGULATOR AND PREREGULATOR CARDS, w/current limit and OVP. Not complete regulator. Has transistors, diodes, zeners, resistors, capacitors. Needs about -50 VDC f/preregulator. #RB4561-4, for 4 to 5 V. regulator, \$2.50 #RB6428-32, for 32 to 36 V. regulator, \$2.00

READ & SWITCH CORE CURRENT SOURCE, two 8 V reference diodes, 3 1/2x2 1/2 heatsink w/two transistors, 6-section inductor, 25 W 75 ohm rheostat, Dale 25 W 31 ohm 1% precision power resistor; 4 lbs sh. #315-OS, \$2.00

TALLY RECEIVER, 15/741's (two in socket, one 723 in socket, four transistors, six trimpots resistors, capacitors, etc. #601740, \$3.95

M12 DESIGN 2400 MATRIX PRINTER, 180 eps bidirectional; 0-132 or 0-158 columns, 96 character set plus elongated print feature. Units are sold "AS-IS, repairs required/no documentation." 175 lbs sh. Used, as-is, \$400.00; As-is, less printhead, \$300.00

PRINTER EXERCISER for the above printer; selectable baud rates from 50 to 9600. Uses 8080A, 8255A, 8251, 8224, 8228, & 4/2708's. In transit case; 8 lbs sh. \$100.00

TAKE 25% OFF TOTAL PRICE WHEN YOU BUY ANY 4 CIRCUIT BOARDS BELOW



CPU'S RAM'S



C8008-1 CPU, \$9.95
 P8085 CPU, 12.95
 8212 8-bit I/O, 1.75
 8251 programmer, 5.95
 2111 RAM \$3. 4/\$10.
 4804A RAM \$5. 4/\$18.
 AY5-1013 UART, 4.00
 FRI-502 E02 FIFO 6.95
 RC4568 dual op-amp 50¢
 7400, 7410, or 7440, one type, 10/\$1.00
 8224 clk. gen. \$3.00
 FFA103 light reflective transducer, \$1.25

CMOS IC's, good pull-outs w/ '79 date codes:
 4013BE 5/\$3. 4084BE 3/\$1. 4060BE 2/\$1.
 MC1723C 5/\$1. MC1741S 3/\$1. MC3403P 3/\$1.

MP36513 equivalent (Motorola w/0139 house #)
 NPN RF transistor; 30 V, to 330 MHz, 6/\$1.
 MSA14 NPN darl. 5/\$1.
 TIP2955 PNP 10 85¢
 2N6346 unijunct. 75¢
 TIP140 NPN darl. 95¢
 TIP145 PNP darl. \$1.00

1 AMP 50 PIV 15/\$1.
 400 PIV 12/\$1.
 1000 " 6/\$1.
 5 AMP 800 PIV, 1.75
 MR-series, 6 AMP
 MR750 50 PIV 85¢
 MR751 100 " 95¢
 MR752 200 " \$1.10
 MR754 400 " 1.25
 1N1357A ZENER, 10 W 18 V 5% rev-polarity \$1.
 VAKO VTA200/S 200 V 25 amp bridge rectifier, c.t. cathode, stud mount, \$1.00 ea. 4/\$3.
 #50-100A RECTIFIER, 50 V 100 A conservative; no hardware or pigtail. House #; 2x1". \$2.
 GE#A70EXL13, 200 PIV 100 A, no hardware \$4.50

LED'S RED, T-1 1/2 size 8/\$1. GREEN 6/\$1.
 DARK RED, HP5082-4697, 6/\$1.00
 7-SEGMENT NUMERIC DISPLAY, common anode, lefthand decimal HP5082-7730 \$1.
 SLA-2 DISPLAY; .33", - or -1 and 1, 2/\$1.00

IC SOCKETS 8-pin low-profile 5/\$1.
 14-pin wire wrap 6/\$2.
 14-pin standard 5/\$1.
 16-pin std. 4/\$1.
 18-pin l.p. 4/\$1.
 22-pin l.p. 3/\$1.
 24-pin std. 50¢
 28-pin std. 60¢

JUMPERS

PCB jumpers, unused.
 #50-14P2; two 14-pin, 18" long, \$2.50 1.75
 43-16P1; one 16-pin, 12" " 1.50 3/\$3.
 44-16P2; two 16-pin, 48" " 2.00 2.40
 43-24P1; one 24-pin, 12" " 2.00 1.50
 60-24P2; two 24-pin, 2 1/2" " 2.50 1.75
 57-28P2; two 28-pin, 4" " 3.50 2.75
 44-40P2; two 40-pin, 23" " 4.25 3.25
 9-14P1; one 14-p, 23" loose leads, \$1.75

PC BOARD JUMPERS with IC plug and DP25P, 16":
 16-pin, #16/DP25P \$4. 24-pin, #24/DP25P, \$5.

TEXAS INSTRUMENTS SEMICONDUCTOR MEMORY DATA BOOK (1975), 272 pages, \$1.00

COPPERCLAD PCB

Single-side copperclad etching board for making printed circuits. Phenolic (PH) or fiberglass (FIB) backed as noted. Some drilled (d).
 PH# Size Price Size Price Size Price
 4x18 \$1.75 17x20(d) \$3. 15x22 \$3.50
 FIB# 11x18 \$2.50 13x24(d) \$3.25

 VERY THIN COPPERCLAD, less than half thickness of above; easily flexed to make cylinders, RF shield, or laminates; fiberglass core. Single-sided (SS) or double-sided (DS).
 Size Th Price Size Th Price
 #VTC-33 14x18 .019" \$1.75 18x24 .015" \$2.25
 #VTC-DS 11x14 .031" 2.00 22x28 .006" 2.50
 BUY 5 or more one type, take 20% off price.

EDITOR KEYBOARD



WORD PROCESSOR KEYBOARD, has standard 58-key typewriter format, 13-key alpha pad, and 53-keys with editing designations such as READ, WRITE, SENTENCE, PARAGRAPH, LINE INSERT CHAR, LINE DELETE CHAR, SEARCH, LOCATE, MERGE, COMEIN, LIST, COPY TAKE, PROOF TAKE, etc. (Copy of layout available upon request with SAS). Keys gray, black, and blue; eight IC's including SW-11830 controller. Requires +5 VDC, -12 VDC. No further info available. 8x19, 17 lbs sh. Microswitch #125D12-1 NEW \$29.95

CORTRON KEYBOARD with ferrite core key switches. Has standard 54-key typewriter format, 12-key numeric pad, and 17 entry keys (4 unmarked). Buttercotch-brown and beige keys; looks like serial input. With IC's 2/7403, 7405, 74155, 4/74145, 743287, 3/74LS00, L302, 2/LS04, 2/LS10, LS08, LS11, LS14, LS20, 4/LS74, 2/LS93, CA3086, MCB33P, and 80-551276 controller. Requires +5 and -12 VDC. No further info. 6 1/2x18 1/2, 4 lbs. #55-500168 NEW, \$24.95

12 V 5 AMP RECHARGEABLE

GATES LEAD-ACID BATTERY PACK, six 2 VDC 5 amp cells connected to produce 12 VDC 5 A. These are rechargeable. Each cell 3x1 1/2 dia; 7 lbs sh. #6-0800-004, NEW \$15.95
GOULD NI-CAD BATTERY, 12 VDC 1.2 amp hr; rechargeable. In plastic case with leads. 2x5 x2, 3 lbs sh. #401097-6, unused, \$6.95

ARCADE 'JOY STICK'

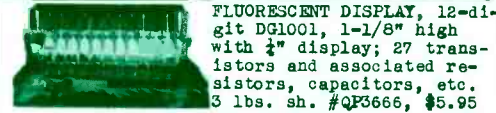
"JOY STICK" CONTROL PANEL, originally p/o arcade video space game. Has two "joy sticks" --one moves left-right/up-down, the other left-right only. Each position actuates SPDT V3-style Microswitch. Also has 5/8" dia "Fire" button; mounted on 4x13 1/2x2 steel panel. 6 lbs sh wt. #JS-4P-2P, used, \$7.95 each.

Cermet Trimmer

95/RJ12 CERMET TRIMMERS 1/4" RECTILINEAR 23 TURN. 79¢ EACH. 2 FOR \$1.50
 TYPE Y 20-turn 1/2" 1x 200 100K 2/\$1
 WESTON 804P, 3-pin broad-side; 3/8" sq plastic. 50K 4/\$1.
 CERMET and other manufacturers; all 1/4" sq. TYPES 170-171 2/1. 172 3/\$1.
 Type 170; metal, 3-pins on broad side: 1K 25K 50K 100K 250K 500K
 Type 171T; metal top adj. 3-pin thin side: 200 500K 1M
 Type 171S; side adj: 200 100K 250K 500K 1M
 Type 172; wire leads: 100 200 1K 2K 5K 10K 25K 50K 100K 250K 500K 1M

MEMORY PCB

Commercially designed PC boards w/position info; less components.
 #217D-101 EPROM BOARD for eight 1702A EPROM, 4/7404, 2/3404; w/edge connector, \$4.90 \$3.
 #217D-136 2K RAM BOARD for sixteen 2102 RAM, 7/7404, 7420; with edge connector, \$5.00 \$4.
MICROPROCESSOR CIRCUIT BOARD, has C4004 P-channel microprocessor, 4/P4001 256x8-bit PROM, 2/P4002-1 320-bit RAM and 4-bit output port, 3/4003 10-bit serial in/parallel-serial out shift register, plus 53 transistors. #IC-07, \$3.50

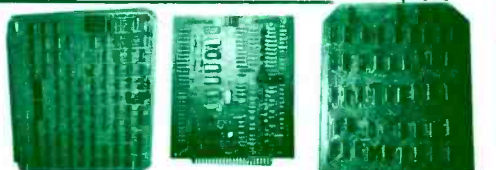


FLUORESCENT DISPLAY, 12-digit DG1001, 1-1/8" high with 1/2" display; 27 transistors and associated resistors, capacitors, etc. 3 lbs. sh. #QP3666, \$5.95
 12-DIGIT FLUORESCENT DISPLAY using DG-10A 1-5/16"H tubes with 5/16"H display; 21 transistors, two IC's, capacitors, resistors, etc. 22-contacts on 5 1/2x3-3/8 board. #QP-3304 \$3.95
FAIRCHILD IC'S: 4/9002, 2/9015, 2/9016, 74180 3/9024, 2/9602, 9/2N2222 plus resistors, diodes, etc. 2 lbs. sh. #C200504G1, \$1.95
TIMER-COMPARATOR, IC'S 2/NE555V, 2/LM339, 8/7400, 4/7404, 3/7408, 2/7410, 2/7411, 3/7474, 5/7493, 2/74123; two 5K trim pots, 7x8, \$3.

TWELVE DIGIT FLUORESCENT DISPLAY #POS2, 3/8" DIGITS WITH CHARACTERS 0 THRU 9, -, ., ' AND DECIMAL POINT. TUBES ABOUT 2" HIGH. ALSO 2/M5812 COUNTER IC'S, 27 TRANSISTORS, AND OTHER PARTS. 9x8x2 1/2, SHPG. WT: 4 LBS. \$6.95
DIODE MATRIX 34 X 20 CONTAINS 90 DIODES 1N4004 OR EQUAL. 6x11 #005330 \$3.95
DIODE MATRIX 25 X 7, 23 TRANSISTORS, DIODES WITH 22 PIN SOCKET. 7x4 1/2. #2010200

CORE MEMORY ARRAY 2 SECTIONS EACH 52 X 52 BOARD SIZE 13x13x1 1/2 #2162301 5 LB \$3.95
SMALL CORE MEMORY ARRAY, 2 SECTIONS APPROX 65x15 EACH. 4 REED RELAYS 2/3PST, 2/5PST 7x4x 1/2 #2006000 \$2.95

ENDORSOR DRIVER 4/DM851 DUAL RETRIGGERABLE MVR 7474 9109 HIGH VOLTAGE HEX INVERTER, 2/7400, 7420, 7406, 18 BYPASS CAPACITORS. TO-3 TRANSISTOR ETC 1 LB #484-0001801 \$1.50
CARD READER CONTAINS A TEN SECTION SPST DUAL IN LINE SWITCH, A 8 POSITION MINATURE PC ROTARY SWITCH, 5/7400, 4/7404, 7/7408, 5/7410 4/7420, 7437, 74109, 3/74157, 74180, 9602 2/N82S62, 2/SN29301, NCR 94, 8 IC'S NO CROSS REFERENCE. SH WT 2LBS #315-0529449 \$3.50



CMOS #84293: 3/4001, 2/4002, 5/4009, 2/4010 4/4011, 2/4012, 7/4013, 4021, 2/4022, 7/4023 2/4025, 2513 64x8x5 CHARACTER GENERATOR 7417. 9x7 1/2, SH WT 2LBS #84293 \$7.50
CMOS-K1: 6/4008, 4/4009, 4/4011, 2/4012 7/4013, 9/4016, 5/4022, 2/4023, 4024, 5/4040 9x7 1/2, SH. WT. 2 LBS #CMOS 84292 \$6.95
CMOS #14007: 4/4001, 2/4011, 2/4013, 4042, 4558 DUAL OP-AMP, 23 TRANSISTORS, MANY RESISTORS. CAPACITORS. 1 LB #14007 \$2.95

IC BOARD #595254: 3/9322 QUAD 2 INPUT MULTIPLEXER, 7402, 7404, 7406, 7410, 3/7438, 741, 7442. 1 LB #595254 \$1.95

SOLDER 5-CORE ROSIN TYPE, self-fluxing; 60 tin/40 lead 20SWG 16 gr. 21' dispenser pkg. #SOL-EP20 79¢; 22 SWG 69¢

AM-FM TUNER

AM-FM TRANSISTOR TUNER, 5 TRANSISTOR 4-DIODES WITH AVC AND AFC. CONSISTS OF RF OSCILLATOR, IF DETECTOR STAGES. REQUIRES 9 VDC. NOT GUARANTEED OPERABLE. UNUSED WITH SCHEMATIC AND HOOKUP DIAGRAM. 4 1/2x3 1/2x1 1/2 BC-CD-34 TUNER \$2 EA.; 3 FOR \$5.

RECENT COMPUTER SURPLUS TRANSISTOR BOARDS
 BOARD #1: 100+ TRANSISTORS, PLUS DIODES, WATT RES., INDUCTORS, TRIMMOTS, CAPS. 6"x8". 4 EA. \$1, \$3.00
 BOARD #2: 50+ TRANS., RES., CAPS., ETC. 5"x7". 5 EA. \$2. \$1.50
 BOARD #3: 150+ SILICON TRANS., ETC. 4"x6". 4 EA. \$3, \$3.00



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A PRAYER AWAY



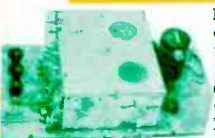
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DAVID J GOODMAN
31370 HIRAM TRAIL
MORLAND HILLS OH 44122

4CX300A POWER AMP



DUAL RF POWER AMPLIFIER, each section has 4CX300A tube in SK710 socket; tubes rated 300 watts dissipation upto 500 Mhz. One side tuned for 166 Mhz, the other 156 Mhz. 5647 diode detects relative power output. Also features ENC connections for input-output, silver-plated strip line inductance, and 27 VDC blower. 13x7x5, 9 lbs sh. #PA-MRC, used \$145; less tubes \$35

RF AMP & DRIVER for 156 Mhz; has four removable silver-plated cavities each 3.4" lg X 0.6" dia mounted on 11.5x1.6x1.1" silver-plated chassis. Also contains 2/2.5-8 pf differential capacitor, 2.5-8 pf capacitor, and tubes 6360, 3/6AK5, and 6AS6. Requires 27 VDC, 200 VDC, and 350 VDC. First stage is mixer 149.67 + 6 Mhz; schematic included. 5 lbs. #V17-MRC used \$17.
#V12-MRC, same as above except has AGC and 166 Mhz frequency; w/schematic. Used \$16.95

60 SEC TIMER



RHODES 60 SECOND TIMER, mechanical type with bell that signals when time elapsed. Set time from 2-60 sec. 3" dia, plastic case; 2 lb. #56414 NEW \$3.

RV LIGHT FIXTURE

OVERHEAD LIGHT FIXTURE for RV, van or trailer. Automotive type double contact lamp socket for 6-12-24 VDC lamp (25 W max); also 5x2x2 diffuser lens. Outer 8x5; fits in 7x3x3 space. 4 lbs. #174-OL NEW \$4

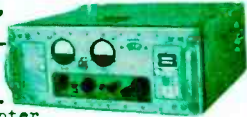


DC MOTOR

Operates 10-15 VDC 100 ms 2375-2425 RPM with governor. Shaft 5/16"x1/16" dia; o/a 2-7/8"x 1-1/8" dia. #AST-CK26 NEW \$7.95

225-400 MHZ RECEIVER

R-482/URR-35 RECEIVER, 225 to 400 Mhz AM and MCW in one continuously tunable band. Dual conversion: 18.6 Mhz 1st IF, 1.775 Mhz 2nd. Provisions for panadapter with 600 Khz bandwidth. Antenna input impedance: 50 ohms. Audio output: 600 mw into 600 ohms. Power required: 115 VAC 60 Hz. 8x17x19, 65 lbs sh wt. Used-reparable \$90. Checked, \$145. MANUAL, partial repro, \$10.00



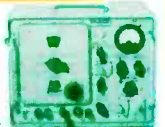
PRD-1 DIRECTION FINDER

R-395/PRD-1 RADIO DIRECTION FINDER 100 Khz to 30 Mhz AM-CW-ICW in seven bands; FM over 12.5-30 Mhz. 34 Khz bandwidth. 100 Khz crystal calibrator for bands 1-2-3 (100-1200 Khz), 1300 Khz bands 4-5 (1.14-5.8 Mhz), and 4000 Khz bands 6-7 (5.5-30 Mhz). Has two tuned RF amplifiers using two 6AK5's. Also 7/1U4, 1R5, 2/1U5, 6C4, 3Q4, and 3A5. Designed to be used with diamond shaped AS-536 and AT-301 antenna which mounts on receiver's top. Requires 1.5, 6.3, -6, and 90 VDC. 18x13x13; 64 lbs net, 75 lbs sh wt. Used, reparable, \$105.00 MANUAL, partial repro, \$12. Schematic only \$3 AS-536 & AT-301 LOOP ANTENNA, \$20 w/set.



SIGNAL GENERATORS

AN/URM-25D SIGNAL GENERATOR older version of URM-25F (pg 31), 10 Khz to 50 Mhz AM in nine bands. Output: 0-100K volts into 50 ohms. Modulation 0-50%, 400 or 1000 Hz internal. 1 Mhz crystal calibrator. Requires 115 VAC 50-1000 Hz. Less front cover: 11x14x10, 44 lbs sh wt. Used, reparable, \$115. Checked, \$175.00 ACCESSORIES, available w/purchase of URM-25: MANUAL, \$10. SM-35 antenna simulator, \$5.00 MX-1487 impedance adapter, \$6.00 CN-223 5:1 attenuator \$5. CN-224 10:1, \$6.



TELEGRAPH KEYS



J-45 LEG IRON w/J-37 KEY with adjustable contacts. Includes 7' CD-201 cord w/PL-55 plug. 4 lbs sh. Used, \$12.00 LEG IRON only, \$4.75



CANADIAN #48 KEY (left), ball-style button; toggle switch for Send-Receive. 5x2x2 base, canvas leg straps, and 5' cord with PL-68 plug. 4 lbs sh. #CAN-48, unused, \$8.50

3 TO 405 MHZ

AN/URM-26 SIGNAL GENERATOR, older version of URM-26B (pg 33) and similar in appearance to URM-25 above; covers 3 to 405 Mhz AM-CW in six bands. Output: 0.1-50K w into 50 ohms. 0-50% internal modulation, 400 or 1000 Hz. Requires 115 VAC 50-1000 Hz. 11x15x10, 42 lbs sh wt. Used, reparable, \$120.00; Checked, \$180.00 MANUAL, partial reproduction, \$10.00 CN-179/URM-26 attenuator, \$7.50 with set. MX-1289/URM-26 adapter, \$8.00 w/set.

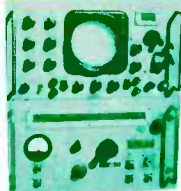
ARC-45 UHF TRANSCEIVER

RT-295/ARC-45 UHF TRANSCEIVER designed for light aircraft and employs 12 preset channels in the 225-399.9 AM Mhz range; 1 watt minimum transmitter output. Receiver IF's: 23.49-24.39 Mhz (1st), 2.98 Mhz (2nd). Audio out 50 mw into 150 ohms. Uses 2/5893 tubes in PA and 5675 as doubler; also 29 other miniature and sub-mini tubes. Requires 150 VDC 115 ma, 300 VDC 130 ma, and 27 VDC 1.7 amps. 5x8x14, 19 lbs sh. Used \$49.50; Schematic, \$5.



SB-329/ARC-45 CHANNEL SELECTOR BOX for 12 preset channels; has volume. Used \$10 w/set

10-44, 890 MHZ ANALYZER



TS-1010/UPM-84 SPECTRUM ANALYZER, covers 10 Mhz to 44.88 Ghz in eight bands; 5" (5ADP7) CRT display. Resolution @ 3 db points: 20 Khz all frequencies. Dispersion: 500 Khz-5 Mhz adjustable (10-55 Mhz); 500 Khz to 25 Mhz (55 Mhz up). Spectrum calibrator 160 Mhz center freq +/-2.5 Mhz. Sensitivity: as low as -63 dbm (10-150 Mhz); -40 dbm (2.0 Ghz up). RF attenuation 100 db uncalibrated internal 10 Mhz-12.4 Ghz; external attenuators required above. IF attenuation 0-60 db in 6 db steps. Requires 115 VAC 60 Hz. 17x19x26; 180 lbs sh, 145 lbs net. Used-reparable, \$495.00; MANUAL, partial repro, \$15. Some ACCESSORIES available-write.



MT-1283/PRD-1 Jeep mount; 75 lbs, \$22 w/set. MX-1454/PRD-1 SURVEYOR'S COMPASS, 4" dia in leather case; Keufel & Essel. Used \$25 w/set. *****

AN/PRD-1 DIRECTION FINDER SYSTEM in excellent little-used or unused condition. Includes: R-395, DY-79, AS-536, AT-301, MT-870 receiver tripod, battery cable, partial repro of manual in wood transit cases CY-949, CY-950, and CY-954. 275 lbs sh wt. Excellent, \$245.00

PRT-4 AMITTER



AN/PRT-4 MINIATURE TRANSMITTER, designed to operate on two preset channels between 47 and 57 Mhz. Output 450 mw (Ch 1), 50-250 mw (Ch 2); also 150 Hz tone. Has built-in microphone; clips onto belt or pocket. Requires 6 VDC originally supplied by BA-399 battery (not available). Units sold "as-is" less antenna, crystals, battery box. 2x4x2, 2 lbs. \$16.95

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CATALOG WS-80

GOVERNMENT AND COMMERCIAL

- ★ Communications
- ★ Test Equipment
- ★ Computer Components
- ★ Electronic Parts

P8085 MPU BOARDS

MICROPROCESSOR BOARDS originally used in 180 cps matrix printer; 10x7. W/pinouts. Unused.

#217D-246 PROCESSOR CPU, contains P8085 MPU with 5.185 Mhz crystal, 8255A programmable peripheral interface, 8212 8-bit I/O, 8253 programmable interval timer, 3/8205 one of 8 decoder, 4/2114 RAM, 74LS00, 74LS02, 74LS32, 74LS93, and 74LS244. Has sockets for 4/2708 EPROM. Requires +5 VDC (plus +12 and -5 VDC f/2708's). Originally used with Datanetics keyboard. \$75.00

#217D-244 CONTROLLER CPU directed electro-mechanical functions of printer. Has P8085 w/5.7143 Mhz crystal, 2/8255A, 8253, 8212, 4/8205, nine 3341 FIFO shift register, 4/2111-1 RAM, 7400, three 74LS00, 74LS125, 74LS161. Sockets for 6/2708. Requires +12, -12, +5, and -5 VDC. \$100.00

TRANSISTORIZED SCOPE

OS-106/USM-117 TRANSISTORIZED OSCILLOSCOPE, DC to 5 Mhz bandwidth, 4QP2 rectangular CRT, and is very compact. Includes MX-2996 high gain vertical plug-in plus has dual-trace capabilities when used with MX-2995 plug-in (not available). Sweep range: 0.1 usec to 0.1 sec in 19 calibrated steps in 1, 2, 5, 10 sequence. Vertical sensitivity: 0.01 v/div to 20 v/div in 11 calibrated steps in 1, 2, 5, 10 sequence, variable to 50 v/div. Input impedance: 1 Mohm shunted by 47 pf. Calibrator generates 1 Khz square wave at either 0.04 or 0.4 V p-p. Probe not available. Requires 115 VAC 50-60 or 400 Hz. 8x9x18 1/2 including cover. 28 lbs. Used-reparable, \$195. Checked, \$295. Manual, repro, \$15. w/purchase.



SPDT ANTENNA RELAY

SPDT ANTENNA CHANGEOVER RELAY, 6 VDC 20 ohm coil; unused contact ground. Contacts appear good to 100 W. Two BNC connections; 2x1x2. #5945-539-3025, unused \$9.95



0.2-30 MHZ SSB RECEIVER



G133 HF RECEIVER, 0.2 to 30 Mhz SSB, AM, CW in thirty bands; continuous tuning in each band. Set is a Collins 51S1 receiver re-packaged by LTV-Temco for military use with extended lower frequency range, jack for 14-600 Khz LF tuner, AM BFO, and extra electronic filtering. Crystal check points every 100 Khz. 500 Khz final IF. AM BFO dial has 500 increments for varying BFO from 485-515 Khz. Controls for CW-LSB-USB-AM, rejection tuning, and RF+10DEMB ODM meter switch. Input impedance 50 ohms. Output: 4 or 600 ohms. Matching phone patch imped.: 500-600 ohms. With tubes 5/6EAB, 3/6BA6, 2/12AX7, 2/6136, 6CD6, 5670, 6BF5, and 6AK6. Requires 115/230 VAC 50-400 Hz; also 24 VDC 168 ma for AM BFO only. 6x18x13; 40 lbs sh. Used, repairable, \$825.00; Checked, \$975.00. Collins 51S1 manual, \$15 w/purchase of G133. Power connector, \$5.00 w/purchase of G133.

DC TO AC CONVERTER

PU-143C/U ROTARY CONVERTER, rotating armature unit changes 24 VDC 27 amp input to 115 VAC 60 Hz single phase 500 VA output @ 85% max. power factor. Metal control box on top of 3600 RPM inverter contains 0-130 VAC manual variable transformer, 0-150 VAC 2 1/2" rd. meter, AC output receptacle, and DC input terminals. Size: 14x8x14, 77 lbs sh. Used, \$89.50



1.7-2.4 GHZ POWER AMP



TRC-29 POWER AMPLIFIER designed for 1.7-2.4 Ghz range. Consists of 2C39 tube in a dual-folded coaxial cavity; 3/4 wavelength grid cathode and grid plate. Each tuned to desired frequency by adjustable plungers. Power output: 5-10 watts coupled through a probe in the grid plate circuit. Voltage required in original operation: 800 VDC, -15 VDC, 5 VAC. Cavity silver-plated. Uses one male and female type C connector. 15x3x4, 9 lbs. W/schematic, used \$25

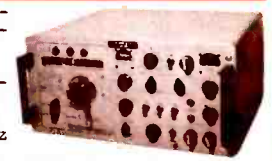
ZM-11 UNIVERSAL BRIDGE

ZM-11 TEST SET, a highly portable unit for field testing applications which require measurement of capacitance, inductance, resistance, transformer turn ratio, dissipation factors of inductors and capacitors, and storage factor of inductors--all at 1 Khz test frequency. Also insulation resistance of capacitors and leakage of electrolytics in circuit using 10.75 Mhz test frequency. Has ranges for Capacitance: 10 pf to 10 mf, 1 mf-100 mf, 10 mf-1100 mf; Inductance: 0.1 mH-1 H, 1 H-10 H, 10 H-110 H; Insulation DC resistance: 200-500 Megohm, 5K-10K Megohm; Transformer turn ratio: 0.01-110 (K=1); DC leakage: 0-1-5-25 MA; D Dissipation: 0-0.06 (10 pf-0.1 mf), 0-0.6 (0.1 mf-1100 mf); Q Storage: 0.5-20; and DC applied to electrolytics: 0-500 VDC. Uses test leads with standard banana jacks. (Leads not available.) With tubes 6E5, 6J6, 2/6AV6, 6AG5, 6AL5, 6AQ5, and 6X4. Power required: 115 VAC 50-1000 Hz. Size: 5x9x9 1/2, 18 lbs. sh. Used, repairable, \$65. Checked, \$115. MANUAL f/ZM-11, partial reproduction, \$8.50



14 TO 600 KHZ RECEIVER

R1134/WRR-3 LOW FREQUENCY RECEIVER, 14-600 Khz AM, CW, and FSK in five bands using mechanical digital tuning: 14-30 Khz (Band I), 30-63 Khz (II), 63-133 Khz (III), 133-283 Khz (IV), and 283-600 Khz (V). Bands I and IV have 60 Khz 1st IF; 200 Khz 2nd. Other bands single 200 Khz IF. Calibrate points every 10 Khz. Output impedance: 600 ohms. Input: 50 ohms. Controls for BFO, Broad-Sharp IF and AF selectivity, Antenna Compensator. With tubes 6AN5, 6AU6, 4/6C4, 3/5725, 5/5749, and 5751. Requires 115 VAC 50-60 Hz or 400 Hz. 8x17x16 1/2, 80 lbs sh. Used, repairable, \$215.00. Checked. \$295. Schematic pack. \$3 w/purchase.



LINE FREQ. METER

48-52 and 58-62 HZ AC LINE FREQUENCY METER, for 100-150 VAC; has ten reads. 3 1/2" round; sealed. H.H. Sticht Co. mfg. 1 lb. #974-9364, unused, \$27.95



ORDERING INFORMATION SEE PAGE 2

MINIMUM ORDER \$5.00

Fair Radio Sales Co.

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CATALOG INFORMATION

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SHUNT




50 MV. 15 AMP
Size: 2x1x1 1/2
6625-810-6742
UNUSED \$2.50


FS=50 UA w/
mirrored
scale, zero
adj. Scale:
4.0-20.0 MS
% HEMOGLOBIN.
Mount on panel
front or
behind. Fits 2 1/2" dia. hole.
5 1/2x6x2; Beede mfg., \$7.95



CALIBROCHEM meters,
FS=50 UA
2-3/8" square.
Used, \$4.95
#200037, 0-150
-350% GLUCOSE
scale.
#200039, 0-.3% BLOOD ALCHL.
#200056, 4-24% HEMOGLOBIN



TUBE TEST



REPLACEMENT METERS
1/MERCURY
tube checkers.
Bad?-Good
scale; can be
changed.

#990 FS=1 ma 2 1/2x2 1/2 \$3.00
#390 FS=1 ma 3 1/2x3 4.00
#3958 FS=1 ma Fan
type 3 1/2x3 4.25
#1000 FS=1 ma 4x4 1/2 5.00
#9000 FS=5 ma curved
fan type 7x5 6.00

SAME STYLE AS TUBE CHECKER
TYPE ONLY MULTIMETER SCALES


#1000 20,000 ohm/volt d.c.
5,000 ohm/volt a.c.
ohms 0-20K/DCV. Amps 0-10-50
250/ACV-25 & 2.5/4 Db.
fs=50 mic. amp 6x4 1/2 \$8.00

#1700 similar to above
200 mic. amp 6x4 1/2 \$7.50


Jackson 3081 FS=200 mic-amp
multimeter 7x5 fan-type \$10

CLEAR PLASTIC
METERS, 2-3/8"
sq. fit 2-1/8"
dia. hole. BMI
mfg. Unused.


#D1145-2, 0-5-
50 MADC, FS=5 mado, \$4.95
#D1159-1, 0-50-500 MADC
scale, FS=50 mado, \$4.95
#D3630, 0-3 VDC, \$4.95



MICROMHOS DYNAMIC
MUTUAL CONDUCTANCE
USED IN I-177 TUBE
CHECKER BASIC 0-1.4
MA. HICKOK #1547A
STK# 3F1350 \$4.95



TV-2 REPLACEMENT
METER, 0-250
SCREEN VOLTS,
FS=1 MA. 2 1/2" RD.
SEALED. NEW \$5.95



DECIBELS

-10-0-6+ DB 6mw 600 OHMS
2 1/2" RD. WEST. 2837 \$4.95

-12-0-8+ DB 100 UA=FS 3 1/2" RD.
BLK. RUGG. WAC4586 N \$7.95

-12-0-+8 DB, FS=100 ua, 3 1/2"
rd. blk. face. Used, \$5.95


-20-0-3+ DB FS=199 MUA 2 1/2" RD.
#GA50934 USED \$4.95

OTHER VALUES IN STOCK, WRITE

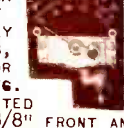
POWER SET +6 TO 0 TO-3
2 1/2" RD. FS=200 UA, WAFLINE
1496/400 RUGG/SEAL U \$3.95

MULTIMETERS
by Modutec.
5x4, zero
adj, mirror-
ed scale.
Fits 2-5/8"
dia. hole.

#841256, 0-10 VDC-UA-VAC r-
ms; FS=50 uadc. New \$7.95
#841974, 0-10 VDC-AC rms-UA
DC, 0-28 VAC p-p, OHMS.
FS=100 uadc, new, \$7.95
#821155, 0-±100 VDC, 0-75-
150 MADC; FS=100 uadc. Not
mirrored; 3x2 1/2. Fits 2-1/8
dia. hole. Unused, \$5.95



DUAL SCALE METER
0-1 MA MOVEMENT
TWO MECHANICALLY
SWITCHED SCALES,
0-25, 0-125. FOR
BEHIND PANEL MTG.
CAN BE ILLUMINATED
SHAFT EXTENDS 3/8" FRONT AND
REAR. 2 1/2x1 FACE, 2 1/2x3x1 1/2 OVER
ALL. UNUSED \$4.95




ROENTGENS
PER HOUR METER
50 MICROAMPERE
D.C FULL SCALE
3 1/2" RUGGEDIZED
REMOVEABLE
PLASTIC LENSE,
BLACK FACE.

TOP SCALE 0-500, LOWER 0-10
#300-10764 UNUSED \$3.95




BALLENINE
V.T.V.M.
METER
ONLY
AC VOLTS
1-10
DECIBELS
0-20
WESTON 643
4 1/2" OR EQ.

MFG. PT. NO. 205007 NEW
STK#6625-557-0899 \$8.95



OUTPUT METER
FOR TS-497B AND
TS-497C SIGNAL
GENERATORS.
300-0-300 DC
MICROAMPS. 3 1/2" RD.
MARION HS3, #5705 NEW \$7.95



EDGE-WISE METER
0-100 D.C. MA.
FULL SCALE 20 MA
2 1/2x3 1/2x3/4 FACE
INTERNATIONAL 1135ULB \$5.95



DC VOLT METER 3
IN. SQ. NO SCALE
COLORED SEGMENT
SIMPSON FS. NEW
50 VDC #1913 \$6
25 VDC #1906 \$6



GL PANEL METER
1-0-1 MA. 3x2
3/4, 2 1/2 IN MTG
HOLE.
76-632-0719
PRICE: UNUSED \$8.95





FIG. #1 SCALES: OHMS 0-INF.
DCV 0-15, ACV 0-50, PP 0-40
0-150 DB-10-0-5+ FS=200 UA
HEATH VTVM #407-62 N \$12

0-60 top scale; 0-3-15-60
VAC, VDC, MADC, FS=425 ua.
4x4 1/2, #P30033, used, \$6.95

LP-GAS METER, 0-1
VDC full scale.
Mounts in 2" dia.
hole. Chrome
finish #48560-2,
\$1.50 ea.



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9 A.M. TO 1 P.M. SATURDAY

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order accompanied by personal
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Orders less than \$5.00
ADD \$1.00 HANDLING CHARGE.

Include sufficient money for
shipping charges. (UNUSED
PAYMENTS RETURNED AT
ONCE.) Otherwise we will send
shipping charges collect.

C.O.D. ORDERS. SEND 50% OF
PURCHASE with ORDER. CASH
BALANCE will be COLLECTED
UPON DELIVERY.

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PLEASE state what specific
information you desire.

DESCRIPTIONS

ALL MATERIAL OFFERED IN
THIS CATALOG IS IN "USED-
COMPLETE" CONDITION, UN-
LESS QUALIFIED AND/OR
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"UNUSED," OR "NEW."
MERCHANDISE IS NOT OPER-
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SPECIFIED AS "CHECKED."
EQUIPMENT DESCRIBED AS
"REPAIRABLE"--MEANING "A-
BLE TO BE REPAIRED"--IS
ELECTRO-MECHANICALLY COM-
PLETE, BUT REQUIRES SOME
TROUBLESHOOTING BY THE
CUSTOMER.

AC VOLTMETERS

0-3vac 3"RD. SUB PANEL MTG
1000 P/V 2F8003-11NEW \$7.

0-7.5vac 3"RD. STD.
WEST. CAY22237 NEW \$6.95

0-10 VAC 2 1/2" rd. \$4.95
3 1/2" rd or sq \$5.95 var.mfg.

0-30 VAC 3 1/2" rd. various
mfg. unused \$8.95 used \$7

0-150 VAC 60hz 2 1/2" rd. var
ious mfg. #M501/URT used \$8

0-300vac 2 1/2" RD. RUGGED.
3F8300-72 used \$4.95

0-100 VAC, 3 1/2" rd. Hickok
Model 47M, used, \$5.95

VAC SCALES 0-3/10/30/100 2 1/2
"RD. FS-1.5v 07231 NEW \$4.95

0-50 VAC, 1000u/v, 3 1/2" sq.
WESTON 301, UNUSED, \$6.95

AC AMMETERS

0-150 ACA 3 1/2" rd. fs=5 amf
#3974 unused \$6.95

AC MILLIAMPERES Rectifier
type, 0-250 & 0-500 scale
2 1/2" rd. ruggedized
Marion Electric HM-2 \$6.95

0-3 ACA 400 cycle 2 1/2" rd.
rugged MR26W003AFAAR \$6.95

0-125 ACA FS=5A for 400 Hz
3 1/2" rd. Hickok #470951 \$10

0-100 microamp a.c 2 1/2" rd.
Weston-306 or equal UN\$6.95

D.C. MILLIAMPS, D.C. VOLTMETERS

FS=1 MADC, 0-5-25 indicated
2 1/2" rd. sealed. #1031 \$4.95

0-3 MA-DC, 3 1/2" rd. sealed.
#4081, unused, \$6.95

0-80 DCMA SCALE
2 1/2"RD. RUGG. #8274 N \$4.95

0-100DCMA 100MA. MOVE.
3 1/2"RD. RUGG. #4265 N \$6.95

0-150 DCMA sc. USED
3 1/2" RD. STD. CAY22061 \$5.95

0-200 DCMA sc. 2 1/2" RD. USED
#MR25200DCMA \$3.95

0-200 DCMA sc. 3 1/2" RD NEW
GE-CG22063 \$5.95

0-20 MA-DC, 3 1/2" rd. Various
mfg. Used, \$5.50 Unused \$7.

0-500 MADC, 3 1/2" sq. Simpson
Used, ptr. tip bent, \$4.95

0-15-300 MA-DC, FS=±15 mado,
3 1/2" rd. Various mfg. \$5.95

FS=1.2 MADC, 0-100 indica-
ted; 2 1/2" rd. 3F910-47 U-\$3.

0-20-80 MA-DC, FS=2 vdc,
2 1/2" rd. sealed. Used, \$4.95

0-50 VDC EDGEWISE; 1 1/2 X 1 1/2 W
X 1 1/2 D. HONEYWELL, NEW, \$8.

0-15-600 VDC, 2 1/2" rd black
face; w/mult. code-Used \$36.

0-10 VDC, 3 1/2" rd. Various
mfg. Used, \$5.95

0-30 VDC, 2 1/2" RD. SEALED;
DEJUR R230, USED, \$7.95

0-5 KV-DC, FS=1 MA, 3 1/2" RD.
VARIOUS MFG. UNUSED, \$5.95

0-100vdc sc. 2 1/2" RD. RUGGED
#9545 NEW \$5.95

0-75 VDC, 3 1/2" round, Vari-
ous mfg. Unused \$8.95

0-200 VDC, 3 1/2" rd. sealed;
various mfg. Used, \$6.95

0-300 VDC, 2 1/2" round; vari-
ous mfg. Unused \$5.95

0-500vdc sc. 3" sc.
#231-1624 Used \$5.95

0-500vdc sc. 2 1/2"RD. RUGGED
FS-50MUA #683-9829 NEW \$5.95

PEAK VOLTS 0-5/10/20 SCALES
FS-500 UA 2 1/2"RD. UNUSED
WESTON MODEL 1021 \$4.95

OTHER VALUES IN STOCK, WRITE

OTHER VALUES IN STOCK, WRITE

D.C. MICROAMPS

0-200 UADC, 3 1/2" rd. sealed;
Var. mfg. #3981, new, \$3.95

0-200 UADC and -8-0-+6 DB,
2 1/2" rd. sealed, new, \$4.95

0-500 UADC, 2 1/2" rd., Var.
mfg. Used, \$4.95

FS=500 UADC, 1 1/2" sq. 10 div
scale. #3F3312, new, \$4.95

100-0-100 UA-DC, 2 1/2" rd.
sealed; Honeywell, U, \$4.95

50 UA MOVEMENT, SCALE -30,
0, 150, POINTER AT ZERO, SEAL
ED, 2 1/2" RD USED TRC30150 \$4

50 UA MOVE, SCALE 0-100 %
MOD/PEAK VOLTS. SEALED
2 1/2" RD USED TRC10050 \$4.00

FS-100MUA, COLORED SCALE NO
NUMERALS 2 1/2"RD. RUGGEDIZED.
WESTON 1521/4967 NEW \$5.95

R.F. AMMETERS

0-5 RFA 2 1/2" rd. 20hz-20mc
CAY-22026A cal.60hz \$9.95


0-9 RFA 2 1/2" rd. West.22239A
NT-33 \$12.95

0-3 RFA 3 1/2" rd. 20hz-20mc
WEST.#22021 cal.60hz. \$15

0-5 Ant Curr. w/trans coil,
2 1/2" rd. M101/ART13 U \$7.95

0-15 RF, 3" sq. FS=1 ma;
Simpson 271, U, \$8.95

0-500 RF MILLI-
AMMETER w/ther-
mocouple; 1 1/2"
rd. meter in
4 1/2x4 1/2x3 1/2 wood
box. Box has 1"
flanges for sur-
face mount and SO-239 conn.
Used with SCR-274 equip.
#A-68-A, unused, \$14.95



DC AMMETERS


0-10 amps DC, 3 1/2" rd. Vari-
ous mfg. Used, \$10.95

DC AMMETERS, FS=50 MV Used.
0-20, 3 1/2" rd. sealed \$7.
0-80, 3 1/2" rd. sealed \$7.
0-150, 3 1/2" sq. unused \$7.
0-450, 1 1/2" sq. unused \$6.

AUTOMOTIVE types, 2 1/2" rd.
15-0-15 DCA, #0893, \$2.95
50-0-50 DCA, \$2.95

400-0-400 DCA induction-
type; 2 1/2" sq. 1/2" hole.
Chrome. #1696-1B new \$1.95


SMALL METERS; 1 1/2"
SQUARE. RUGGEDIZED.
UNUSED, \$4.95 EA
#7838; RECORD LEVEL
INDICATOR, FS=250 UA, DEJUR
#3538; 0-10, FS=1 MA. INTL.
#2250; 0-250, FS=5 MA, BLK.
FACE, SIMPSON 182.
#0728; 0-10, FS=50 MV, BLK.
FACE, WESTON 151.
#7693; 0-10 SCALE, FS=1 MA,
1 1/2" DIA., IDEAL S-100.



0-100 UA-DC, 2 1/2" RD. SEALED
VARIOUS MFG., USED, \$4.95

OTHER VALUES IN STOCK, WRITE

FAN-SHAPED ME-
TERS, plastic w/
zero adj. 3" top
2 1/2" bottom; 3" H.
Fits 2" dia. hole.
BMI mfg. Unused.
#EMI-200UA, 0-50-
150 VDC, FS=200 ua, \$4.95
#EMI-20ACA, 0-20 ACA, \$7.95
#EMI-5VDC, 0-5 VDC, \$5.95
#EMI-25VAC, 0-25-250 VAC
scale; FS=25 VAC, \$5.95
#EMI-FS-50MA, 0-500 MADC
scale; FS=50 mado, \$5.95




BIG LOOK

0-20 DCA SCALE
50 mv 3 1/2" N \$8.

0-10 VDC SCALE
3 1/2" rd., used, \$8.

0-500 MA-AC 3 1/2" #6775, \$12.



ELECTRONIC PHOTO-FLASH TUBE R4330
 SYLVANIA, OPERATING VOLTAGE 2250, 6 FLASHES PER/MIN
 100 WATT-SEC/FLASH MAXIMUM, PEAK LIGHT OUTPUT 12,000,000 LUMENS, INTEGRATED LIGHT OUTPUT 3500 LUMEN SEC. FLASH. \$10 OCTAL CER. SOC. 50¢

RECENT COMPUTER SURPLUS TRANSISTOR BOARDS
 BOARD #1: 100+ TRANSISTORS, PLUS DIODES, 1/2 WATT RES., INDUCTORS, TRIMPOTS, CAPS. 6"x8". 4 EA. #1, \$3.00
 BOARD #2: 50+ TRANS., RES., CAPS., ETC. 5"x7". 5 EA. #2, \$1.50
 BOARD #3: 150+ SILICON TRANS., ETC. 4"x6". 4 EA. #3, \$3.00

CARTRIVISION COMPONENTS

FISH TANK
 FISHTANK OF ELECTRONIC COMPONENTS, P/O VIDEO TAPE SYSTEM. CONSISTS OF DEMODULATOR, SERVO-AMP, DROP-OUT COMPENSATOR, PER/POST PROCESSOR DC POWER SUPPLY (115 V 60 HZ; OUTPUT -12/-12 IAMP REG, 5 VDC 1 AMP UNREG. MANY PARTS, IC, FET, TRANSISTORS, TRANSFORMER VARIABLE RESISTORS, CAPACITOR MORE! SIZE 14x12x6 1/2 WT 15 \$14.95

TIMER BONANZA
 CARTRIVISION TIMER CONTROL, 115 VAC 60 HZ MOTOR W/SPDT CONTACTS; UP TO 8 HR. DELAY. 18 V 200 MA TRANSFORMER; 12 VDC SPDT RELAY; SPDT & 4PDT (CENTER-OFF) SLIDE SWITCHES; SPST MICRO-SWITCH; TRANSISTORS, RECTIFIERS, ETC. \$1.95

DOLLAR DAZE

PLEASE ORDER BY NUMBER. Unit prices only as indicated. Look for more DOLLAR DAZE throughout this catalog.

- 4-77 IC BOARDS, 30 house # IC's --MRTL, RTL; xistors, capacitors. \$3.00
- 6-77 12 volt silicon SWITCHING TRANSISTOR; house number. 12 for \$1.00
- 9 RECEIVER-TRANSMITTER CHASSIS, solid-state, broadcast band. \$2.00
- 10 SENTRY ALARM; buzzes when pin pulled. 2 1/2 x 3 1/2, 9v. \$1 3/4
- 23-77 BRASS COUPLINGS for 3/8" dia. x 3/4" long shafts. 3 for \$1.00
- 25-77 MOBILE RADIO PLATE w/switch light, jack, 6' 10-cond. cable. Plate 3 1/2 x 3 1/2. \$1.00
- 29-78 LEATHERETTE INSTRUMENT CASE, 8 1/2 x 2 1/4, two sections. \$1.50 2/\$2.50
- 30 MIXED HARDWARE: screws, nuts, washers removed f/equip. Usable; 3 lbs. \$1.50
- 31-79 MAGNETIC ID HOLDER, 3 1/2 x 1 1/2; metal, clear slide cover, \$1. 2 for \$1.50
- 33 VINYL TYPEWRITER COVER, fits 18x18 base, 8" maximum height. \$1.00
- 38-79 SPEAKER, 3" dia. 8, 1 watt. Sanpo SPO24, new, \$1.00
- 39-78 LEVEL METER, FS-150 UA, 3/8x7/8 face; o/a 1x1 1/2. \$1.00 3/\$2.00

Cermet Trimmer
 195/RJ12 CERMENT TRIMMERS 1 1/2" RECTILINEAR 23 TURN. 79¢ EACH. 2 FOR \$1.50
 WESTON B40P plastic 3/8" sq. 3-pin on broadside; trimmer opposite. 50K 1/4 1/2

CERMET and other manufacturers as available.
 TYPES 170 thru M176, 1/2" sq. All 59¢ ea. 2/\$1. Qty. Ltd.
 TYPE 170; metal, 3-pins on broadside: 100, 1K, 5K, 25K, 100K, 250K, 500K
 171-T; metal top adj., 3-pin on thin side: 200, 250, 2000 5K, 10K, 50K, 100K, 500K, 1 MEG.
 171-S; metal side adj.: 200, 250 5K, 10K, 100K, 250K, 500K, 1 MEG.
 172; metal, wire leads: 100, 200, 500, 1K, 2K, 5K, 10K, 25K, 50K, 100K, 250K, 500K, 1M.
 M174; plastic, 3 pins on broadside: 100, 1K, 2K, 10K, 25K, 50K, 200K, 1 MEG.
 M175; top adj., 3 pins thin side: 500K.
 M176; wire leads: 1K, 500 K.
 TYPE 165-T, 3/8" sq. plastic, top adj.: 100, 500, 2K, 250K, 500K, 1 MEG. 59¢; 2/\$1.
 165-S, 3/8" sq., side adj.: 50, 100, 200, 500, 2K, 5K, 250K, 500K, 59¢; 2/\$1.
 TYPE 385; metal, 1 1/2" dia., 3 pin short lead; 39¢, 3/\$1.00: 50, 100, 500K.

190 CERMET TRIMMER 20 TURN 3/4" RECTILINEAR; 200, 100K, 200K. 75¢ EA. 2 FOR \$1.20

SWR INDICATOR CIRCUIT

STANDING-WAVE RATIO INDICATOR CIRCUIT, assemble a SWR meter using this 1 1/2" square 0-10 scale (FS=2 MA) meter with filters and rectifiers and a modified Schering bridge. One pair of bridge arms is resistive, the other capacitive. In theory the bridge circuit is balanced when the antenna is tuned to 52 ohms resistive resulting in a zero reading on the meter. SO-239 connector. Bridge: 2 1/2 x 2 1/2 x 1; 2 lbs. #M701/CU-991, \$8.95

PHASE AND LOAD DISCRIMINATOR, could be useful in tuning an antennas system, if used in circuit with a sensitive zero-center microammeter. Phasing and loading discriminator produces ±DC voltages proportional to the reactance of a system. Phasing output shows the type of reactance (capacitive or inductive) and the loading's indicates the amplitude of impedance referenced to 52 ohms resistive. In both cases zero DC output is ideal (may not be obtained in practical circuit). A third output is proportional to relative antenna current. 2x3x3; 2 lbs. sh #T201/CU-991 w/diag., \$4.95

HOMING ANTENNA

AT-339/PRC HOMING ANTENNA for use in the 38-55.4 Mhz range continuously tunable. Handheld unit has folding aluminum loop, 5-step output attenuator, sense-normal switch, and 4' cable w/BNC connector. 24" high with loop; collapsed overall: 12 1/2 x 5 1/2, 6 lbs. sh. Gov't reconditioned w/bag, \$10.

ARRL 1978 ARRL RADIO AMATEUR'S HANDBOOK, nearly 700 pages of handy reference. Softbnd. Orig. \$8.50--NOW \$4.50 \$3.

3-CHANNEL ULTRASONIC
 TRANSISTORIZED 3-CHANNEL ULTRASONIC DEVICE WITH TRANSISTORIZED TRANSMITTER. YOU CAN TURN ELECTRICAL/ELECTRONIC EQUIPMENT ON AND OFF WITH A PUSH OF A BUTTON. UNIT USES 41.5, 40, AND 38.5 KHZ FREQUENCIES--TWO CONTROL SPDT RELAYS; THE OTHER CAUSES A STEPPER (ON/OFF/VOLUME) RELAY TO ACTUATE. HANDHELD TRANSMITTER WORKS FROM 1.5 V BATTERY; RECEIVER REQUIRES 115 VAC WITH AN ISOLATION TRANSFORMER RECOMMENDED. RECEIVER 3x5x2; TRANSMITTER 2 1/2 x 4 1/2; PICK-UP 1 1/2 x 3/4" DIA. UNUSED. RECEIVER, XMITTER, PICK-UP, SCHEMATIC, \$20.

RD-173 TAPE RECORDER

RD-173A TAPE RECORDER, portable monaural unit has all the standard features such as 3 1/2 or 7 1/2 tape speed selection, fast forward, rewind, and tone plus a big 6" dia. speaker. 6ES "eye" tube is used for record level indicator. Jacks for mic, radio/phone input, and external speaker; in wood case with cover. With tubes 6ES, 5879, 6AL5, 6AQ5, 6V6, and 5Y3. Requires 115 VAC 60 Hz. Units are checked for basic record, playback, and rewind functions, but further adjustment may be necessary. Reels and mic not included. 11 1/2 x 13 1/2 x 14 1/2 45 lbs sh. Used, \$29.95 MIC for RD-173, \$5.

BILLBOARD

TWO-DIGIT CHANNEL DISPLAY with 2" amber numerals on a black background. Set consists of 5 1/2" x 3 1/2" h display block, 24-position channel switch, and 15 feet of 11-conductor ribbon cable. Operates from 12 VDC. Originally designed for CBER's to show-off frequency channels 1-23 through their car windows. (A show of Channel 9 could be particularly helpful in alerting other motorists to an emergency situation.) Other uses possible. Could probably be adapted into a highly visible timing and/or counting display. New, \$10.

ELECTRO-GUARD SENSOR

ELECTRO-GUARD ALARM, "senses" tampering with protected object. Utilizes the loading of a tuned oscillator (about 30 KHz) to detect touch. The item to be protected (which must be metal) functions as-an antenna and the circuit is tuned. Once the item is touched, the circuit is detuned, tripping a relay. The relay could activate sirens or horns, lights, or cameras. Unit also has continuity circuit for perimeter or fusible link fire alarm. With tuning meter, switches for test-alarm and moment-lock-delay, four relays, two tubes, and one transistor. Requires 115 VAC 60 Hz. 9 1/2 x 5 1/2 x 9; 15 lbs sh. Used, need repair, \$18.95

127.4 MHZ AM RECEIVER

RC-3A FIXED FREQUENCY RECEIVER, 127.4 Mhz AM. Compact unit sealed in rugged plastic utilizes seven transistors and a CA3018 integrated circuit. Approx. IF: 20 Mhz. Approx. crystal injection freq: 18 Mhz. Power required: 9 VDC 20 ma. Compartment for two 9 V. transistor radio batteries. Audio impedance: about 2000 ohms; male MB connector. Circuit board (3 1/2 x 2 1/2) is not potted. A few careful cuts with hacksaw allows removal for conversion. With 23" ribbon antenna and canvas bag. Size: 5 1/2 x 1 1/2 x 3, 3 lbs. sh. Unused, w/cutting diagram, \$14.95

BC & ARC COMMAND SETS

Even though they have been on the surplus market since the end of World War II, the Command Set Receivers and Transmitters are still popular with hams and experimenters. The series consists of either SCR-274N (BC-prefix) or AN/ARC-5 receivers (R-prefix) and transmitters (T-prefix).

As a group, the receivers cover 190 Khz to 9.1 Mhz and the transmitters 2.1 to 9.1 Mhz.

Over the years many conversions have been written for the sets. However, the last comprehensive collection of such information, Co Surplus Conversion Handbook, went out-of-print in 1979.

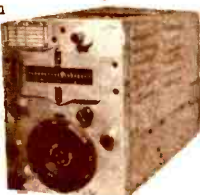
If you are interested but not familiar with the Command Sets, your best source for info about them may be another ham. Schematics for any of the receivers and transmitters are available from us @ \$1.50 each plus a SASE.



Command receivers are superheterodyne types which may be tuned by the use of a special spin knob or from a remote position with a control box and spline shaft. Each have six tubes: 3/12SK7, 12SR7, 12A6, and 12K8. They are designed to operate from a DM-32, a 24 VDC dynamotor with an out-

put of 250 VDC 60 MA and 24 volts. Shipped less dynamotor. Size: 5x5x11, 15 lbs sh. BC-453/R-23, 190-550 Khz, used, \$19.95 R-25/ARC-5, 1.5-3.0 Mhz, reconditioned, \$27.

Command transmitters with proper use can put out 50 watts CW and 30 watts phone. Modulation is obtained from either of two separate units, BC-456 for single tube modulation or MD-7 for push-pull. The 575-600 VDC 175-200 MA and 24 volt power requirements were originally satisfied by the 24 VDC DM-33 dynamotor which mounted on either modulator. The transmitters use a 1629 "eye" tube for tuning and crystal calibration plus tubes 2/1625 and 1626. Size: 5x7x12, 17 lbs. sh.



BC-457/T-20, 4 - 5.3 Mhz, reconditioned \$16.95
BC-458/T-21, 5.3 - 7 Mhz, " \$16.95

BC-456 MODULATOR for use with Command Transmitters; single tube modulation with tubes 1625, 12J5, OD3. Has provision for mounting DM-33 dynamotor. 7x8x10, 11 lbs. sh. Used \$9.95

SPIN TUNING KNOB for Command Receivers, \$3.
DM-32 DYNAMOTOR, 24 VDC f/receivers, \$4.95
DM-32/12 DYNAMOTOR, 12 VDC f/receivers, \$6.

AC POWER SUPPLY f/Command Receivers w/speaker; our construction. Kits \$22. Wired, \$27.
MC-215 FLEXIBLE SPLINE, 6', \$1.50

COMMAND SET RECEIVER & TRANSMITTER RACKS:
FT-233/MT-7A, for one receiver, \$2.50
FT-234/MT-69, for one transmitter, \$2.75
FT-226/MT-71, for two transmitters, \$3.25
FT-227/MT-70 SHOCKMOUNT for FT-226, \$2.50

BC-442/RE-2 ANTENNA RELAY UNIT for Command Sets; designed to switch antenna from transmitter to receiver. With 2 1/2" rd. C-0-10 Antenna Current meter and 5 KV 50 mmf vacuum capacitor. 4x3x5 1/2; 6 lbs. sh. Used, \$8.95

R-19/ARC AIRCRAFT RECEIVER, 118 to 148 Mhz continuously tuneable. No dial; designed for remote tuning with spline shaft. IF-15 Mhz. With tubes 9002, 3/9003, 14A7, 2/14R7, 14F7, and 12A6. Uses accessories similar to ARC-5 Series. Requires 250 VDC 60 ma and 24 VDC. 6x5x11 1/2; 13 lbs. sh. Used, \$18.95



R-11A RECEIVER, 190-550 Khz. Similar to R-19 but has 85 Khz IF and tubes 2/14A7, 14S7, 14R7, 14F7, and 12A6. Used, \$12.95

R-22 BROADCAST BAND RECEIVER, 550-1500 Khz. Similar to R-11. Used, \$24.95

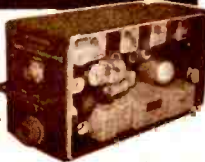
ARC-39 RECEIVER-TRANSMITTER



RT-427/ARC-39 RECEIVER-TRANSMITTER, REPLACES COMMAND SETS; COVERS 2.0 TO 9.1 Mhz IN TWO BANDS; SIX CRYSTAL-CONTROLLED FREQUENCIES PER BAND. RF OUTPUT: 10 WATTS MIN. INTO 10 OHM LOAD (100 PF). 100% AMPLITUDE MODULATION; AUDIO OUTPUT: 200 MW WITH 1000 UV 30% MODULATED INPUT; 800 MW MAX. BANDWIDTH: 8 KHZ @ 6 DB DOWN. METER INDICATES RELATIVE RF OUTPUT TO THE ANTENNA. WITH TUBES 0B2, 2/12AT7, 4/5749, 5750, 3/5686, 4/5814, & 3/6159. POWER REQUIRED: 28 VDC 4.4 AMPS WHEN RECEIVING; 8.5 AMPS TRANSMITTING. SIZE: 7 1/2x10 1/2x2 1/2; SHPG. WT: 42 LBS. PRICE: USED, COMPLETE, \$49.50
MANUAL FOR RT-427/ARC-39, REPRODUCTION, \$10.

NAVIGATIONAL RECEIVERS

AIRCRAFT NAVIGATIONAL RECEIVERS, 26 VDC, USED W/TUBES. SCHEMATICS \$2 EA



R-89/ARN-5A GLIDE-PATH RECEIVER, CHANNELS 332.6, 333.8, and 335.0 Mhz; 10 TUBES. 5x6x14, \$9.95
R-430/ARN-5C, MORE RECENT VERS. R-89, \$12.95
R-122/ARN-12 MARKER BEACON, 75 Mhz FIXED, 9 TUBES. 6x5x10. 12 LBS SH. \$9.95
R-322/ARN-18 GLIDE-PATH RECEIVER, 329.3-335 Mhz, 20 CHANNELS IN 300 KHZ STEPS. WITH 16 TUBES, 115 VAC 400 HZ. 7 1/2x5x13, \$24.95



R-445/ARN-30 AIRCRAFT RECEIVER, 108-135 Mhz; SAME AS ARC R-138. DESIGNED TO BE TUNED REMOTELY WITH SPLINE SHAFT. WITH TUBES 3/9003, 9002, 2/14R7, 14A7, 14F7 and 12A6. REQUIRES 250 VDC 60 MA and 28 VDC. SIZE: 6 1/2x5x11 1/2; 12 LBS. SH. USED, \$19.95

D-10/DM-32 DYNAMOTOR, 24 VDC, \$4.95
POWER CONNECTOR, \$2.00; SCHEMATIC, \$2.00
C-1254/ARN-30 CONTROL; DIAL, VOL., UNUSED \$8.
MC-215 FLEXIBLE SHAFT f/ARN-30, 6 FEET \$1.50

SCR-522 RECEIVER-TRANSMITTER AM CRYSTAL CONTROL, 30 WATT, 4 CHANNEL ON ANY FREQ. IN THE 100-156 MC RANGE. TUBES TRANS. 2/832, 6SS7, 3/12A6, 6G6 REC. 1/9002, 9003, 12C6, 12H6, 3/12SG7, 12A6 & 2/12A7.



UNITS CAN BE REMOVED FROM CABINET CASE SEPARATELY. REQUIRES POWER SUPPLY. SIZE: 16x12x10 1/2; WT: 50 LBS. RE-COND \$34.95
CONNECTOR PLUGS, \$1.50 EA. OTHER ITEMS AVAILABLE.

R-77/ARC-3 VHF RECEIVER A.M. 100-156 MC, CRYSTAL CONTROL ON 8 PRE-SET CHAN. WITH TUBES 6/6AK5, 3/12SG7, 2/12SN7, 1 EA. 9001, 9002, 12A6, 12H6, 12SL7 & 12SH7. VOLTAGE REQ. 24 VDC & 210 VDC @ 210 MA. SIZE: 11x7x15; WT: 21 LBS. USED \$24.50
R-5009/ARC-502 SIMILAR TO ARC-3 EXCEPT MADE FOR CANADA. (WE WILL SHIP WHAT IS AVAILABLE)

T-67/ARC-3 TRANSMITTER A.M. 100-156 MC, 8 CHAN. PRESET, CRYSTAL CONTROL. WITH TUBES 2/832, 2/6L6 3/6V6, 1/6J5 & 1/12SH7. VOLTAGE REQ. 24 VDC & 410 VDC @ 325 MA. SIZE: 15 1/2x10x12 1/2; WT: 22 LBS. USED \$24.95
CONNECTOR PLUGS \$1.50 OTHER ITEMS AVAILABLE.

T-366A/ARC TRANSMITTER 116 TO 132 MC, 5 CHANNELS CRYSTAL CONTROL WITH 5/5763 TUBES FOR 24- TO 28 VOLTS D.C. OPERATION. USES ARC-14958 CRYSTALS. APPROX. 5 WATTS OUTPUT, USED IN AIRCRAFT. SIZE: 4 1/2x4 1/2x6; WT: 6 LBS. PRICE: RE-COND. \$16.95

BC-473 REMOTE TUNING CONTROL for tuning Command Sets from remote position or for direct tuning of receivers R-11, R-19, or R-22 by using right angle spline adapter. Dial shows 190-550 KC, but you can change to your needs. Use for tuning only or wire to receiver for volume control and function select. 4 1/2x3 1/2x2, 2 lbs. With right angle adapter, unused, \$7.95



R-101/ARN-6 RADIO COMPASS RECEIVER, 100-1750 KC IN FOUR BANDS. WITH TUBES 6/12SK7, 4/12SX7, 2/26A7, 2/2050, 1/12SY7 & 1/12SX7. POWER REQUIRED 24-28 VDC. SIZE: 11 1/2x7 1/2x15 1/2; 40 LBS
PRICE: USED \$39.50

AS-313/ARN-6 LOOP ANTENNA USED \$7.95
10-91/ARN-6 INDICATOR 3" NEW 8.95
PD-5/ARA-19 TUNING DRIVE USED 9.95
AM-203R/ARA-19 AMPLIFIER NEW 8.95
C-149/ARN-6 CONTROL PANEL, USED, \$9.95
MC-124 FLEX. TUNING SHAFT 20 IN. USED 1.50
MC-203 "T" ADAPTER USED 1.50
MC-136 RIGHT ANGLE ADAPTER USED 2.00



CU-308B/U ANTENNA COUPLER; USES CATHODE FOLLOWER TO COUPLE SINGLE ANTENNA WITH THREE RECEIVERS IN THE 2 TO 24 Mhz RANGE. INCLUDES THREE 24 VDC 500 OHM SPST RELAYS, 4/5906 TUBES, AND FOUR BNC CHASSIS CONNECTORS. POWER REQUIRED: 24 VDC 180 MA. 5x5x3 1/2; WT: 4 LBS. UNUSED, \$9.95

R-518 RECEIVER



R-518/FRR-27 RECEIVER, SINGLE-CHANNEL CRYSTAL-CONTROLLED RECEPTION OF AM OR TONE SIGNALS IN THE 100 TO 156 Mhz. RANGE. DOUBLE CONVERSION DESIGN WITH IF'S OF 23 Mhz AND 3 Mhz. AUDIO OUTPUT: 1.5 WATTS INTO 200-600 OHMS, 15 MW PHONE. ANTENNA INPUT: 50 OHMS UNBALANCED. WITH SQUELCH AND TUBES 3/12AT7, 2/6AU6, 5654 2/6AV6, & 6005. POWER REQUIRED: 115 VAC 50-60 HZ. SIZE: 19 1/2x6x18 1/2; 45 LBS. USED, \$45.00

C-BAND AMP-MULTIPLIER

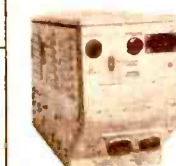


AM-915/GRC AMPLIFIER-MULTIPLIER, ORIGINALLY USED WITH THE T-302/GRC TRANSMITTER TO COVER THE C BAND, 225-400 Mhz FM. OUTPUT: 120 WATTS DRIVEN BY TWO 4X150's. SIZE: 12x6x14. SHPG. WT: 45 LBS. USED, \$54.95
AM-1180/GRC 50-100 Mhz, (1) 4X150A, \$49.50
AM-2537/TRA, 790-915 & 840-925 Mhz, \$59.50

AMPLIFIER-CONVERTER PLUG-IN UNITS USED WITH R-417/GRC RECEIVER. 30 Mhz IF. CONTINUOUS TUNING OF RF AND OSCILLATOR. USED, COMPLETE. SIZE: 7 1/2x6 1/2x9 1/2; SHPG. WT: 17 LBS. \$39.50
AM-1179/GRC, 50-100 Mhz, \$34.95
AM-914/GRC, 225-400 Mhz, 4/6J4, 5670, \$34.95
AM-1177/GRC, 400-600 Mhz, \$14.50

VHF ARC-5 EQUIPMENT

R-28/ARC-5 100 to 156 Mhz RECEIVER, crystal-controlled on four preset channels. Crystals inserted behind front access door which also conceals frequency dial and squelch adjust. Channel selection done by separate control box C-30/ARC-5. With tubes 4/717, 3/12SH7 2/12SL7, and 12A6. Requires 24 VDC for relay and selector motor, 250 VDC 60 MA HV. DM-32 may be used for HV. 14x7 1/2x4 1/2, 16 lbs. \$18.95
SCHEMATIC for R-28 or T-23/ARC-5, \$1.50 ea.



T-23/ARC-5 TRANSMITTER, companion to the R-28, has 10 watt output, though can be modified for higher rating. Uses two 832 and two 1625 tubes. Audio power for modulating originally supplied by MD-7 modulator (not available). Frequency channel selection made by separate C-30 control unit. Requires 24 VDC for relays and selector; 600 VDC 175 MA for HV. Size: 15 1/2x8 1/2x5 1/2; 18 lbs. sh. Gov't. reconditioned \$25.
C-30/ARC-5 CONTROL BOX for above, \$3.00

EQUIPMENT BLOWERS

FASCO DUAL BLOWER 50 C.F.M.
115 VOLT 60 CYCLE .74 AMP. 2800 R.P.M. OUTLETS 2x1-5/8, 1 OUTLET IS PARALLEL TO MTG. BASE OTHER IS AT APPROX. 90° BUT CAN BE MODIFIED AS SHOWN IN ILLUSTRATION, INLETS 2". OVERALL SIZE 7"x6"x5 1/2"; 10 LB FASCO TYPE 21 XEROX #127S217 NEW \$10.00

14 VOLT D.C. BLOWER, 1.25 AMPS.
APPROX. 125 CFM; 3000 RPM. OUTLET: 2"x2". INLET: 2-5/8" DIA. 8"x3" MOUNTING FLANGE. OVERALL: 5"x8"x6 SHPG. WT: 7 LBS. USED, \$10.95

HEINZE DUAL BLOWER 120 C.F.M.
115 VOLT 60 CYCLE, 3000 R.P.M. .6 AMPS. INLETS 2" OUTLET 2", OVERALL SIZE 8"x6"x6; WT: 12 LBS. HEINZE #D60362J52 USED \$8.95

EASTERN AIR DEVICES BLOWER 100 CFM
CAPACITOR TYPE MOTOR 120 VOLTS 60 CYCLE, 3300 R.P.M. INTAKE 3" OUTLET 2"x2". OVERALL SIZE 6"x6"x6 w/MTG. EAD #B7ABLAC-2DR USED \$12.95

TORRINGTON BLOWER, 200 CFM, 220 VOLT
3000 RPM, (110 V. 1500 RPM 100 CFM) INTAKE 4", OUTLET 2"x3, OUTLET MTG. 4" DIA. OVERALL SIZE 7"x7"x7. 10 LBS TORRINGTON #A13980 NEW BOXED \$18.95

ORDANANCE BLOWER 6 VOLTS D.C. APPROX
150 C.F.M., TURBINE TYPE IMPELLER, INTAKE 3", OUTLET 1" DIA., OVERALL SIZE 6"x6"x4; WT: 7 LBS. ORD. #G486392 NEW \$7.95

EASTERN AIR TWO SPEED BLOWER
2800/3200 R.P.M. CAPACITOR START MOTOR 1/40 H.P. .38 A. 115/230 VOLT 50/60 CYC. MOUNTED ON BASE W/ 4MFD. CAP. TERM. STRIPS ETC. BLOWER APPROX 150 CFM. INTAKE 3" OUTLET 1"x2"; WT: 12 LBS. SIZE: OVERALL 8"x11"x6". EAD #B747M-1C USED \$12.95

AIR MARINE BLOWER, 250 CFM APPROX.
INLET: 5" DIA; WHEEL WIDTH: 2 1/2" - OUTLET: 3 1/2" W X 1 1/2" H. WITH CAPACITOR. 115 VAC 60 HZ. OVERALL: 7 1/2"x8 x7 1/2"; 12 LBS. REM. F/EQUIP., \$20.95

FAN TYPE BLOWER, 115 VOLT
60 CYCLE, 20 WATT, 4" PLASTIC FAN BLADES, OPEN FRAME NOISELESS MOTOR, MOUNTED IN CADMIUM CASEMENT TYPE FRAME APPROX. 100 CFM. USED SIZE: 13x5x2; 5 LBS. HOWARD #1075-3102 \$3.95

COOLING FAN . AXIAL FAN 115
115 V 60 Hz . VAC 60 Hz 15 4 1/2"x2 1/2", alum. watt, 4 1/2" sq. inum blade; Durable plas- removed. tic; removed. URC3391 \$3. #M-747A \$8.95

HEATSINKS

9x4x1 1/8" ALUMINUM. DRILLED FOR 3/TC-3 #3T941 UNUSED \$2.75
12x4x1 1/8" ALUMINUM. DRILLED FOR 4/T0-3. #4T1241 UNUSED \$3.35

BLACK TAB MTG HEATSINK WITH 2/2N3055 OR EQUAL W/HDRW INSULATOR, RESISTORS 4x1 1/8x2 1/4 (4 7/8) TOTAL #HSW/2T, \$2 EA.; 4 FOR \$5.

#HSW/1T, SIMILAR TO ABOVE BUT WITH ONE TRANS. SIZE: 3-7/8x2-7/8x1-1/8. \$.85 EA. 4 FOR \$3.
#THS, SIMILAR TO ABOVE; NO TRANS., 2 FOR \$1.
#DHS, SAME AS ABOVE, ANODIZED DRILLED FOR DO-4 DIODES. 3-7/8x2 1/4x1-1/8, 2 FOR \$1.00

DELTA T 100 WATT (78°C) HEATSINK, BLACK, UN- USED, UNDRILLED; 5x4 1/2x2 1/2. #NC-423, \$3.25 EA
DUAL TO-36 HEATSINK, 3x3 1/2x1-3/8; FLANGE MOUNTING. #HST036, \$.75 EA. 3 FOR \$2.00

#2D734 HEATSINK, 7x4 1/2x2 1/2, drilled with two 25/32" dia. holes. 3 lbs sh. Unused, \$3.50

FULL-WAVE BRIDGE RECTIFIERS, 200 V 25 amps: GI#KBC25-02, 1-1/8" sq., 4-term., \$1.95
VARQ VTA200/S, c.t. cath., stud mt. \$1.50
1N1337, -R; 300 PIV 250 A; no hrdwr., \$7.50
SEE PAGE 35 for more diodes, transistors.

TAPE RECORDER MOTORS

DUAL SPEED OPEN FRAME MOTOR, USED WITH RECORDING UNITS. 115 VAC 60 Hz; 2000 and 3000 RPM. 3/16" DIA. SHAFT EXTENDS BOTH SIDES WITH PULLEYS FOR BELTS ONE SIDE. MOTOR SIZE (LESS SHAFT): 2 1/2"x2 1/2"x2, SHPG. WT: 4 LBS. #TM-381, UNUSED, \$3.95

HEAVY DUTY TAPE RECORDER MOTOR 115 VAC 60 Hz, 1500 RPM. MOTOR SIZE: 3 1/2"x3 1/2"x2 1/2", SHAFT 1 1/2"x5/16" DIA. WT: 5 LBS. STK. #D6-20220 UNUSED, \$5.95

RECORDER MOTOR, 1500 RPM; 115 VAC 60 Hz, DOUBLE END SHAFT, 3/8"x3/16" DIA. & 1x3/16" W/PULLEY. MOTOR SIZE: 2 1/2"x2 1/2"x2 1/2" WT: 2 LBS. STK. #G140700 UNUSED, \$4.95

RECORDER MOTOR, 1500 RPM; 2" SHAFT IS 3/16" DIA. FOR 1 1/2"; 3/64" DIA. LAST 1/2". 3/8x3/16" DIA. SHAFT ON OTHER SIDE. MOTOR SIZE: 2 1/2"x2 1/2"x2 1/2" WT: 2 LBS. #602-1 UNUSED, \$4.75

SPRITE FAN

Small 3-1/8x3-1/8x1-5/8 size. Seven blade plastic fan in die cast housing. 115 VAC 60 Hz. 2 lbs. sh. NEW, \$12.95

FIVE BLADE COOLING FAN, 4-5/8" dia. rotation; no enclosure. Mounting bracket hole centers 5-7/8" apart. 115 VAC 60 Hz. 2 lbs. sh. Airtrol #11-2100, NEW, \$4.95

CROWBAR OVP

SCR CROWBAR CIRCUIT, consists of 40RC55 SCR rated 1, 63 A 50 V-max. mounted with thermal switch and two resistors. Potted assembly has trigger voltage adjust 4-7 V. Use with 5 V supplies for overvoltage protection or modify for other uses. #CRBR-40, NEW, \$4.95

SERIES 680 HEATSINKS, 1 1/2" sq. NEW #1.0G-5-5, 1" high with 0.33" dia. hole for rectifier, 85¢ ea.
#.75A-16-1, 0.75" high for TO-3 transistor, 75¢ ea.

HEATSINK PLATE 10x12 with 1" fins. Has two 1N1201A diodes (150 V. 12 amp) and a 2N5885 (60 V 25 A.) transistor. 6 lbs sh. #6312725, NEW \$3.95
#3D523-8 HEATSINK, 5x3x1-9/16; drilled for 3 large stud rectifiers (1" dia. recesses), \$2.

TRANSISTORIZED

TRANSISTORIZED-REGULATED P.S. INPUT: 105-125 VAC 50/60 HZ. MOUNTED ON CIRCUIT BOARD, 4 1/2"x5, WT: 3 LBS. UNUSED, #CD5N1.5 5 VDC 1.5 A. \$15.
#CD12N.85 12 VDC .85 A. \$18.

THUNDER POWER SUPPLY, trans. reg. 3.7 VDC 750 MA f/115 VAC 60 Hz in. W/info to modify to 3-10 V 500 ma approx. 3 1/2"x5x3, 5 lbs. NEW, \$12.

TEN THOUSAND VOLT DC TO DC power supplies, p/o Sanders video display. Requires 10-15 VDC 1 amp 5-7 KHz square wave at TTL levels to drive the output amplifier. MODEL 13904 uses 2/2N3055 xistors or equal. MODEL 11665 uses one TO-3 xistor with hook-up diagram; no schematic. 10x5x6, 5 lbs. #13904 \$12.95 #11665 \$10.95
GOOD EXPERIMENTER ITEM

FASCO BLOWER, 200 CFM, 115 VAC 60 Hz. 2.2 amp @ 3200 RPM. 4 1/2" dia. inlet; outlet 3x3 1/2. Flange mounting 4 1/2x4 1/2. O/A 8x8x8; 12 lbs. sh. #60755-J448, used, \$10
ADAPTER for 2 1/2" dia. inlets, \$3.00

CHASSIS -- ENCLOSURE

ALUMINUM ENCLOSURE w/top and bottom sections. O/A 14"L x 7 1/2"W x 2-3/8"H. Top has no cuts. Bottom has cutouts on one end for fuse, AC power, and control. Use as-is or use top and bottom as separate chassis. #RCU-MI2, new, \$5. 3/\$12.

HEATSINK ASSEMBLIES

HEATSINK ASSEMBLY with 8x4x1 heatsink on mtg. bracket. Has two 100 PRV 100 AMP (MR1211SL) rectifiers with stud mt., solder terminal. #HCR-MR1211, 5 lbs \$10.

#3NPN-HS HEATSINK ASSEMBLY, 4-5/8x3 1/2x1-3/8; has three NPN power transistors similar to 2N3055. 2 lbs. sh. \$2.50
#75-4-2400 SERIES 400 HEATSINK with two 1 1/2" dia. power rectifiers at least 100 PIV 100 amp each. Size: 5x5x6 w/1-5/8" fins. 8 lbs. sh. Removed, \$15.
#75-4-400S SERIES 400 HEATSINK with 7/8" dia. SCR at least 100 PIV 100 amps. Size: 5x5x4, 4 lbs. sh. Removed, \$7.95

LARGE HEATSINK BANK consisting of five 12 1/2"L x 5"W x 1"Th heatsink and 19 transistors similar to 2N3055's. Assembly originally part of 4 V. 75 amp power supply. Use as-is or dismantle for parts. O/A 13x5x2 1/2, 12 lbs sh. Removed f/equip. #HSB4-75, \$18.95

POWER SUPPLY HEATSINK BANK, CONSISTS OF FIVE 3 1/2x4 1/2 HEATSINKS. THREE EACH HAVE TRANSISTOR EQUAL TO 2N3055; ONE HAS TRANSISTOR AND SCR; AND ONE HAS TWO 200 V. 15 AMP (APPROX.) DIODES. ORIGINALLY ASSEMBLED AS PICTURED; SHIPPED DISASSEMBLED ONLY--NO BRACKETS \$6.50

RECTIFIER CAPACITOR ASSY WITH TWO 950 MFD 75 VDC (90V SURGE) COMPUTER GRADE CAPACITORS, TWO 50 MFD 75 VDC CAPS, AND FIVE 200 V 2 AMP DIODES. MOUNT BRACKETS INCLD. USE AS BASE FOR SMALL POWER SUPPLY. REMOVED FROM EQUIP--EXCELLENT, \$2.95

ADJUSTABLE ALUMINUM SHOCK-MOUNT WITH FOUR 1 1/2-3 LBS. SHOCKMOUNTS. PERFECT FOR SMALL POWER SUPPLY, AMPLIFIER OR OTHER GEAR. FITS 5-1/8"W X 6 1/2" TO 7 1/2" DEEP UNIT; 2" HIGH. SH WT: 3 LBS. #MT-569A/ARA, UNUSED, \$2.50

HORN

SIMPLEX HORN, 6 VAC 2.5 AMP 60 Hz. MAKES LOUD PENETRATING NOISE; SCREWDRIVER VOLUME ADJUST. HEAVY STEEL CONSTRUCTION. DESIGNED FOR PARTIAL RECESS MOUNT. FRONT ENCLOSURE 4x4x1 1/2; DEPTH REQUIRED BEHIND: 1 1/2. #624-427, \$5.95

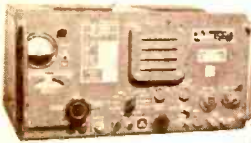
NOISEGUARD

NOISEGUARD HEARING PROTECTORS USED TO REDUCE NOISE LEVEL IN HIGH NOISE LEVEL AREAS. LIGHTWEIGHT ASSY WITH ADJUSTABLE HEADBAND. W/INSTRUCTIONS. #FM-2011 NEW 1 LB. \$4.95

AM-FM TUNER

AM-FM TRANSISTORIZED TUNER, 5 TRANSISTOR 4-DIODES WITH AVC AND AFC. CONSISTS OF RF OSCILLATOR, IF DETECTOR STAGES. REQUIRES 9 VDC. NOT GUARANTEED OPERABLE. UNUSED WITH SCHEMATIC AND HOOKUP DIAGRAM. 4 1/2x3 1/2x1 1/2 BC-CD-34 TUNER \$2 EA.; 3 FOR \$5.

U.H.F. RECEIVER



R-48/TRC-8 RECEIVER
F.M. 230 to 250 MC.
ONE BAND VARIABLE
TUNING, VOLTAGE RE-
QUIRED 115/230 60 CYC.
WITH SPEAKER, PHONE
JACK, SQUELCH CIRCUIT
2" METER FOR CIRCUIT
CHECKING. WITH TUBES 8/6AG7, 1/9002, 1/5U4, 1/
6V6, 1/VR-150, 1/6N7, 1/6SN7, 1/6AL7. SIZE: 20x
19x16; WT: 75 LBS. USED \$34.95

MN-26K RADIO COMPASS



BENDIX MN-26K RADIO COM-
PASS, USED WITH AIR NAVI-
GATION EQUIPMENT AS DI-
RECTION FINDER OR GEN-
ERAL RECEIVER. COVERS
200 to 1750 KHZ IN BANDS
(200-410), (410-850), &
(850-1750 KHz). TUNE DIRECT OR REMOTELY WITH
SPLINE SHAFT AND CONTROL BOX. REQUIRES 230 V.
100 MA AND 28 VDC. W/TUBES 6F6, 6B8, 2/6J5,
2/6N7 AND 5/6K7. CONVERSION INFO INCLD. 17x
11x12; 45 LBS. USED, LESS DYNAMOTOR, \$16.95
MN-26LB CONTROL BOX F/MN-26LB REC. SOME DIAL
NUMBER CHANGE REQ. FOR USE WITH MN-26K \$3.95
MC-124 FLEXIBLE SHAFT F/MN-26 20" 1.5C
MC-127 SPIN TUNING KNOB FOR REC. 1.5C
MC-203 "T" ADAPTER FOR SHAFT & KNOB USE 1.5C
MN-26 MANUAL FOR MODELS A,C,M,W,Y,X
(BASICALLY SAME AS "K" & OTHERS. 5.0C

BC-603 FM RECEIVER, 20-27.9
Mhz using ten push-button pre-
set channels; built-in speaker.
Requires 220 VDC 80 ma, 12/24
VDC. 11x6x12; 40 lbs sh.
Used, less dynamotor, \$50.00
W/DM-34 12 VDC dynamotor, \$55.
BC-604 TRANSMITTER, companion to
above; w/o dynmtr. 65 lbs; \$25.
DM-35 DYNAMOTOR for BC-604, 12
VDC input, unused, \$20.00
BC-603/604 MANUAL, \$5. BC-683/684 MANUAL, \$5.



VHF RECEIVER



BC-639 RECEIVER, 100 to
156 Mhz AM continuously
tunable over a single
band. Controls for CW,
tone, AVC-Manual, RF
and Audio Gain, Attenu-
ation, and Sensitivity.
With tuning meter,
phone jacks, and tubes 3/9003, 9002, 4/6SG7,
6SQ7, and 6K6. Power required: 210 VDC 60 MA
and 6.3 VAC 3.5 amps. Size: 10x19x10, 48
lba sh. Used, repairable, \$50. Checked, \$60.

115 VAC 60 Hz POWER SUPPLY for BC-639; with
speaker. Our construction, \$28.00
CONNECTOR only for receiver, \$3.00
MANUAL f/BC-639, partial reproduction, \$8.50

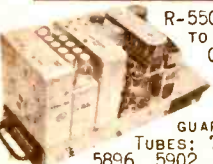
225-400 MHZ RECEIVER

R-482/URR-35 RECEIVER,
225 to 400 MHZ AM AND
MCW IN ONE CONTINUOUS-
LY TUNABLE BAND. DUAL
CONVERSION; 18.6 MHZ
1ST IF, 1.775 MHZ 2ND.



PROVISIONS FOR PANADAPTER
WITH 600 KHZ BANDWIDTH. ANTENNA INPUT IM-
PEDANCE: 50 OHMS. AUDIO OUTPUT: 60 MW INTO
600 OHMS. POWER REQUIRED: 115 VAC 60 HZ.
SIZE: 8x17x19; SH WT: 65 LBS.
USED, REPAIRABLE, \$75.00; CHECKED, \$125.00

20 CHANNEL RECEIVER



R-550/ARR-40 VHF RECEIVER 265
to 284.9MHZ IN 20 CHANNELS.
GUARD CHANNEL 243.0 MHZ.
ONE MEGAHERTZ CHANNEL SPAC-
ING. RECEIVER MODULES
AUDIO, 1.85MHZ IF, IF AND
GUARD, RF AND INJECTION UNIT.
TUBES: 7/6201, 8/5840, 3/6AK5, 2/
5896, 5902. POWER REQUIRED: 28VDC,
130V 140MA, 220V 20MA. SIZE 12x4x6. SH
WT 15 LBS. W/COVER, SCHEMATIC; USED, \$19.95
28 VOLT DYNAMOTOR FOR R-550 WT 5 LBS \$4.95

WW-II VEHICLE RADIO



BC-659 TRANSCIVER as
used in World War II
military vehicular
communications; trans-
mits and receives on
two preset channels
in the 27.0 to 38.9
Mhz FM range. Trans-
mitter output: 1.3W.

Set has tuning meter, speaker, and tubes
5/1LN5, 2/3B7, 4/3D6, 1LH4, 1LC6, and 1R4.
Uses FT-241 crystal-type (not included) and
requires 1.5 VDC 0.94 amp, 90 VDC 48 ma, 7.5
VDC 300 ma, and 150 VDC 50 ma. Size: 12x16x
2x1; 40 lbs. sh. Used, not checked, \$45.00

PE-117 VIBRATOR POWER SUPPLY
provides voltages for BC-659
from 6 VDC or 12 VDC power
input. Unit fastens to bot-
tom of BC-659. 9x16x19,
39 lbs. sh. Used, \$18.



PE-120 VIBRATOR POWER
SUPPLY, similar to
PE-117 but operates
from 6, 12, or 24 VDC depending upon vibra-
tor used. Shipped with 6 VDC (VB-12) vibra-
tor. Used, \$17.50 12 VDC vibrator, \$3.95
24 VDC vibrator (VB-11) not available.

CS-79 BATTERY CASE for manpack use of BC-659;
6x15x18; 17 lbs. sh. Used, \$6.00

FT-250 VEHICULAR SHOCKMOUNT for BC-659 and
PE-117 or -120, 14 lbs. sh. Used, \$17.50

SCR-609/610 MANUAL, \$5.00

AN-29 WHIP ANTENNA, extends 154", used, \$10.
MP-48A MAST BASE for use with MS-49--53 mast
sections, \$12.00; BC-108 BAG f/MP-48, \$2.50
MS-49 thru -52 MAST SECTIONS, 3 ft., \$7.5 ea.
MS-53 MAST SECTION, fits MP-48, \$1.00 ea.
TM-218 TERMINAL BOX for antenna, \$4.95
TS-13 HANDSET, \$10.00 with purchase of set.
T-17 MICROPHONE, used, \$6.95; recond., \$9.00

4.4 - 5.0 GHZ TRANSCEIVER



RT-252/TRC-27 MICRO-
WAVE TRANSCIVER,
4400-5000 Mhz pulse-
position modulated,
continuously tunable.
Converts video channel
pulses into RF
for transmission and
receives RF and con-
verts it back into

video pulse. Receiver IF: 60 Mhz; 10 Mhz
bandwidth. Noise figure: 13 db. Has AGC and
AFC. Transmitter uses video amplification
and plate modulation of planar triode type
RF oscillator. With tubes 2K22 klystron,
6280 planar triode, 13/5654, 5670, 5726,
5727, 5814, 2/12AT7, 2/6X4, 6AU6, 3/OA2,
5933, and 3/6AQ5. Power required: 115 VAC
400 Hz. Size: 14x25x11; 75 lbs. sh.
Used, not checked, \$150. Schematic, \$5.00



I-152(*) INDICATOR; USE
WITH BC-788 ALTIMETER
FOR INDICATING HEIGHT
OVER TERRAIN IN AIRCRAFT
WITH 3DP1 CATHODE RAY
TUBE (SAME SOCKET/SHIELD
AS 3BP1 TUBE AND OTHER
TYPES) ALSO TUBES 3/
6AG5 AND 2X2. HAS R.F.
CIRCUIT, POTENTIOMETERS,
115 V. 400 CYCLE POWER

SUPPLY ETC. (WILL MAKE GOOD FOUNDATION FOR
A MONITOR) SIZE: 6x6x12; WT: 9 LBS.
PRICE: USED \$8.95 SCHEMATIC \$1.00

ARR-58 FM RECEIVER

R-863/ARR-58 RECEIVER, FM
162.25 to 173.5 Mhz. De-
signed to receive SONOBOUY
SIGNALS ON 16 PRESET CHAN-
NELS. IF=30 MHZ. INPUT IM-
PEDANCE: 52 OHMS. MORE RE-
CENT VERSION OF THE R-316/
ARR-26 RECEIVER. CONVER-
SION INFO FOR R-316 TO



145-175 MHZ PLUS AUDIO, SQUELCH, AND 115 VAC
60 HZ POWER MODIFICATION INFO INCLUDED. WITH
TUBES 7/6AK5, 2/6AS6, 2/6AL5, 6J6, AND 5814.
POWER REQUIRED: 150 VDC 125 MA AND 6.3 VAC.
SIZE: 5x8x17, WT: 20 LBS. USED, \$19.95

TMO 200-400 KHz TRANSMITTER, 47 W into 70 ohm
res. load out. W/load coil, RF, modulator, &
115 VAC 60 Hz power units. 450 lbs sh. \$150.

LF RECEIVER



BC-1003 LOW FREQUENCY RECEIVER &
DIRECTION FINDER, covers 100
to 1000 KHz in three bands:
100-200, 200-450, and 450-1000
KHz AM and CW. Designed for
use as direction finder with
LP-33 (not available) loop an-
tenna as pictured. Usable as
LF receiver without the loop.

Has dual needle direction indicator which
functions as a tuning meter when loop is
not used. Kilocycle tuning dial has coarse
and fine adjust. Volume balance, EFO, AVC-
MVC controls. Antenna trimmers on front
for freq. bands. With tubes 6/12SG7, 2/12SA7
2/12CB, 12A6, and 12SJ7. Power required:
230 VDC 100 ma and 12 VDC 3 amps. Size: 8x
12x14; (receiver only). Sh wt: 48 lbs.
BC-1003, no loop, unused, \$75.00
MANUAL for BC-1003, partial repro., \$8.50
PE-133 12 VDC DYNAMOTOR for BC-1003, \$10.00
AC POWER SUPPLY, our construction, \$23.00

KSR TELETYPEWRITER



KSR-33 TELETYPEWRITER
AND KEYBOARD, CAN BE
ADAPTED FOR VARIOUS RTTY
AND COMPUTER APPLICA-
TIONS. SPEED: 66 WORDS
PER MINUTE; 600 OPERA-
TIONS PER SECOND. HAS
THE FOLLOWING FUNCTIONS:

CARRIAGE RETURN, LINE FEED, SPACE, AND SHIFT.
UTILIZES ASC-II CODE WITH PARITY BIT. TAKES
8 1/2" SPROCKET-FED PAPER. THIS IS A STANDARD
ITEM; PARTS ARE AVAILABLE FROM A NUMBER OF
SOURCES. POWER REQUIRED: 115 VAC 60 HZ.
SIZE: 8x18x18; SHPG. WT: 50 LBS.
USED, OPERATIONAL, BUT MAY REQUIRE SOME AD-
JUSTMENT. LESS COVER, \$250. W/COVER, \$300.

12 - 24 VDC POWER SUPPLY



CPP-2 POWER SUPPLY; OUT-
PUT: 12 VDC @ 22 AMPS OR
24 VDC @ 11 AMPS. WITH
METERS AND LOAD CONTROL,
AND OUTPUT MODE INDICATOR
LIGHTS. POWER REQUIRED:
90-130 VAC 60 HZ. SIZE:
11x18x10; SHPG. WT: 90 LBS. USED, \$65.00

AN/GRC-10 RADIO SET

R-125 DY-94 T-235 AN/GRC-10 RADIO
SET, CONSISTS OF R-125 RECI-
VER, T-235
TRANSMITTER,
DY-94 AC POWER
SUPPLY, C-632
CONTROL UNIT,
AND THE MT-700

RACK DESCRIBED SEPARATELY BELOW. USES SAME
ACCESSORIES AS THE OTHER GRC EQUIPMENT WE AD-
VERTISSE. SHPG. WT: 250 LBS. USED, \$200.00

R-125/GRC-10 RECEIVER, 54 to 70.9 Mhz FM IN
100 KHZ STEPS; DUAL CONVERSION, 23 TUBES.
REQUIRES 200 VDC 100 MA AND 24 VDC 1.3 A.
11x9x12; 36 LBS. SH. USED, \$50.00

T-235/GRC-10 TRANSMITTER, 54 to 70.9 MHZ FM
IN 100 KHZ STEPS. TRANSMITS VOICE, CW, PHONE
AND FAX; OUTPUT 40 WATTS (H1) OR 10 WATTS
(L0). HAS 16 TUBES INCLUDING 4X150D IN THE
POWER AMP. REQUIRES 550 VDC 150 MA, 250 VDC
120 MA, 20 VDC 25 MA, AND 24 VDC 1.7 AMPS.
11x9x12; 40 LBS. SH WT. 42 LBS. \$89.50

DY-94/GRC-10 AC POWER SUPPLY FURNISHES ALL
THE NECESSARY VOLTAGES FOR THE R-125 AND
T-235 FROM POWER INPUTS OF 115/230 VAC 50-
65 HZ (292 WATTS) OR 24 VDC (326 WATTS).
HAS FORCED-AIR BLOWER FOR COOLING. SIZE:
11x9x12; SHPG. WT: 75 LBS. USED, \$99.50

C-632/GRC-10 CONTROL SET COORDINATES THE
POWER AND ANTENNA CONNECTIONS IN THE GRC-10
SET AND WITH OTHER SYSTEMS. POWER REQUIRED:
115/230 VAC 50-65 HZ OR 24 VDC. SIZE: 17x3x
12; SHPG. WT: 15 LBS. USED, \$34.95

9-PIN GRC CONNECTOR FOR POWER/CONTROL, \$3.00
OTHER GRC/VRC ACCESSORIES LISTED ON PAGE 18.

0.5 - 32 MHZ RECEIVER



R-390A/URR RECEIVER, covers 0.5 to 32 Mhz in 32 one Mhz bands read directly from a counter-type indicator. Mechanical filters. Triple conversion: 1st IF variable 17.5-25 Mhz; 2nd, 3-2 Mhz; 3rd, fixed 455 KHz. Receives CW, MCW, and voice; also single sideband and FSK through use of BFO. Built-in crystal calibrator every 100 KHz. Output impedance: 600 ohms. Antenna input imped: 125 ohms balanced. Rackmount, no covers. 115/230 VAC 60 Hz. Size: 10x19x16 $\frac{1}{2}$; 95 lbs. sh.

R-390A

USED, REPAIRABLE, CHECKED, \$450.00 MANUAL, \$12.00

\$295.

TA-1/PT TELEPHONE



SOUNDPOWERED TELEPHONE SET WITH AUDIBLE AND VISUAL CALL SYSTEM. PALM OPERATED GENERATOR PUTS OUT APPROX. 100 V. THAT SOUNDS BUZZER IN OTHER PHONE AND ACTUATES VISUAL INDICATOR. COILED CORD WITH PUSH TYPE BINDING POSTS FOR INTERCONNECTING WIRES TO BE FASTENED TO. COMES WITH FIBER CARRING CASE. SIZE: 8 $\frac{1}{2}$ x3 $\frac{1}{2}$ x3 $\frac{1}{2}$; WT: ACT 2LB USED \$25.00 EACH



TA-43/PT TELEPHONE SET IS A RUGGED, LIGHTWEIGHT, WATERPROOF FIELD TELEPH. THAT CAN BE USED OUTDOORS ON A DESK OR WALL MOUNTED. HANDCRANK GENERATOR FOR PINGING BUZZER. REQUIRES 2/1 $\frac{1}{2}$ V BATT. FOR LOCAL USE NONE REQ. W/CB. UNIT COMES IN A CANVAS CASE & SHOULDER STRAP WITH ZIPPER. SIZE: 12x7x4; WT: 10 LBS. \$45.00

TRANSMISSION



TS-387 MIC & HEADSET TESTER, checks sensitivity of carbon and magnetic mics; sensitivity, noise, and match of headsets; and flight suit circuits. Has 1 KHz oscillator, 600 ohm audio amp, 0-3-9 AC ammeter, 24 VAC output, and 0-135 V 1 amp Variac. 115 VAC 50-1600 Hz. 10 $\frac{1}{2}$ x13 $\frac{1}{2}$ x18, 62 lbs sh. Used, \$39.50

DAYTRONIC 300D TRANSDUCER AMPLIFIER INDICATOR w/71 differential and V plug-ins, \$135. ERICSSON 2/LIM35500 TELEPHONE TESTER, \$175. WILTRON 9271 TRANSMISSION TEST SET, \$110.00

SIGNALING SYSTEM



DUPLIX SIGNALING UNIT DSU-2 AUDIO TONE TRANS. & REC. FOR USE IN THE 2000 TO 7475 HZ CARRIER SYSTEM FOR LAND LINE, POWER LINE OR RADIO SIGNALING. REC. CAN BE ON SAME OR DIFFERENT FREQ. CH. CNT. FRE 2000-3500 @ 100HZ INTERKEYING SPEED 14-21 P-PER-SEC. TRANS. OUTPUT 600 OHM. REC. INPUT 600 OHM. POWER REQ. 105-125V. 50/60HZ, FOR 19" RACK MOUNT. W/TUBES 2/12AU7, 2/6AG5, 1/6AL5, 1/5964 (RELAY) 1/5Y3 ALSO 2 SEPARATE ASSY. LAMP PANEL ASSY. W/BUZZER & VOICE BAND FILTER PANEL. SIZE: 3 $\frac{1}{2}$ x19x8, OTHER UNITS 1 $\frac{1}{2}$ " DEEP. WT: 50LB HAMMARLUND DSU-2M W/MANUAL \$18.95

MODEL 14 TELETYPE TRANSMITTER--DISTRIBUTOR SINGLE CHANNEL, GOVERNOR CONTROLLED MOTOR 1/25 HP 2100 RPM, TAPE DISC NO. 77070, 60 WPM, POWER REQ. 115 V. 60 CYCLE. SIZE: 15 $\frac{1}{2}$ x8 $\frac{1}{2}$ x9; WT: 35 LBS. PRICE: USED \$19.95



XMITTER MODULATOR



MD-203/GR MODULATOR, converts a transmitter's CW signals into frequency shift signals for teletypewriter transmission when coupled to the transmitter's exciter. Designed for use with T-195/GRC xmitter, the unit is useable with any xmitter with a fundamental frequency in the 1.5 to 3 Mhz range. Frequency shift: 1850 Hz (1.5-3.0 Mhz), 425 Hz (3-6 Mhz), 212 Hz (6-12 Mhz), and 106 Hz (12-20 Mhz) according to ten position freq. band selector switch. 3 volt min. input necessary. With tubes 26A7, 26D6, and 5/26A6. Power required: 27 VDC 1.8 amps. 9 $\frac{1}{2}$ x7 $\frac{1}{2}$ x13 $\frac{1}{2}$; 25 lbs. sh. Used, \$17.50; Power plug, \$3. w/set purchase. MANUAL for MD-203, partial reproduction \$8.50

R-391/URR RECEIVER, 0.5 - 32 Mhz; similar to R-390 receiver plus has 24 V 3 amp autotune for eight preset channels. Repairable, \$285. R-388/URR RECEIVER, 0.5 to 32 Mhz, linear scale dial; similar to Collins 51J3. WRITE.

C-973/FRR-33 REMOTE SWITCH CONTROL, used in remote operation of upto three AN/FRR-33 RTTY systems. Provides 1105 Hz tone for control circuits of C-974 in each system. Has telephone dial for selecting 8 channels and other receiver functions. W/tubes 5Y3, 3/6AK6, 5651, 6082. 115/230 VAC 60 Hz. 26 lbs. Unused, \$20



TELEPHONE TEST SET



I-142/PTM-6 TELEPHONE TEST SET, measures characteristics of telephone and related equipment including these operations: 1. Sound source for mics and receivers; 2. Efficiency test for mics and receivers; 3. Capacitor test for leakage resistance; 4. Generator test; 5. Ringer test; 6. Insulation test; 7. Dial test indicating percent of pulse period; 8. Continuity test; 9. Instrument tests such as 600 ohm circuit for sound-powered equipment; 24 V. DC-AC res. circuit for common battery phones; impedance matching circuits for carbon and magnetic mics and receivers. Meter has scales -10 to +6 DB and 0-100 VDC. Requires external batteries for 3, 12, 24, and 135 VDC. Batteries not available. 19x12 x9, 46 lbs sh. I-142, used, \$59.50 TS-903/PTM-6A, more recent; 65 lbs., \$65.00

RD-60/U CODE RECORDER OF RADIO TELEGRAPH CODE SIGNALS. USES 3/8" WIDE, 800 FOOT ROLLS OF PAPER TAPE. RECORDS CODE SPEEDS UP TO 1000 WORDS PER MINUTE WITH A RECORDING TIME OF 26 MINUTES (LOW) OR 13 MINUTES (HIGH). INPUT SIGNAL FREQ. 500 TO 5000 HZ. INPUT IMPEDANCE 500 AND 5000 OHMS. OUTPUT IMPED. 6 OHMS. WITH 9 TUBES. POWER REQ. 115 V. 60 HZ. SIZE 19x16x12 $\frac{1}{2}$; WT: 150 LBS. PRICES: USED LESS CABINET REPAIRABLE \$19.95 " WITH " " 24.95 GOV! RE-CONDITIONED W/CABINET 30.00 MANUAL for RD-60 recorder, \$5.00



RD-60/U CODE RECORDER OF RADIO TELEGRAPH CODE SIGNALS. USES 3/8" WIDE, 800 FOOT ROLLS OF PAPER TAPE. RECORDS CODE SPEEDS UP TO 1000 WORDS PER MINUTE WITH A RECORDING TIME OF 26 MINUTES (LOW) OR 13 MINUTES (HIGH). INPUT SIGNAL FREQ. 500 TO 5000 HZ. INPUT IMPEDANCE 500 AND 5000 OHMS. OUTPUT IMPED. 6 OHMS.

WITH 9 TUBES. POWER REQ. 115 V. 60 HZ. SIZE 19x16x12 $\frac{1}{2}$; WT: 150 LBS. PRICES: USED LESS CABINET REPAIRABLE \$19.95 " WITH " " 24.95 GOV! RE-CONDITIONED W/CABINET 30.00 MANUAL for RD-60 recorder, \$5.00

TAPE, TELETYPEWRITER

TELETYPE PERFORATOR TAPE, 11/16" WIDE 900 FT. OILED ROLLS. \$.60 PER ROLL; 10 ROLLS for \$3.

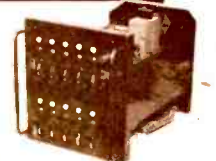


TELEPHONE BOX

EE-91 TELEPHONE BOX WITH PLUG-IN HANDSET. HAS CRANK GENERATOR FOR RINGING MAGNETO LINES; 3000 OHM LINE RESISTANCE TALKING CIRCUIT HAS 30 DB NET LOSS. DESIGNED FOR WALL MOUNT WITH MTG. FLANGES PROVIDED. REQUIRES 3 VDC FOR OPERATION. SIZE: 6x7 $\frac{1}{2}$ x5 WT: 16 LBS. \$19.95

OPERATOR'S CIRCUIT

TA-277/GTA-6 OPERATOR'S TELEPHONE CIRCUIT FOR UP TO TEN LINES. EACH LINE HAS SWITCH WITH "TALK" AND "RING" POSITION. ALSO WHITE AND RED INDICATOR LIGHTS FOR EACH LINE. TWO INPUT JACKS. SIZE: 7x8x12 WT: 15 LBS. Used, complete, \$14.95



FIELD PHONE-CONTROL SET



C-2172/GRC-14 FIELD REMOTE CONTROL SET; DESIGNED FOR USE WITH AN/GRC-14 RADIO GROUP IN AM, PHONE, AND CW KEYING OPERATIONS OVER A TWO-WIRE 600 OHM TELEPHONE LINE. INCLUDES 20 HZ RINGER SYSTEM CONSISTING OF A HAND-CRANK MAGNETO GENERATOR AND BELL. WHEN USED WITH A H-33/PT HANDSET, THE CONTROL UNIT IS FUNCTIONALLY A FIELD TELEPHONE. TERMINALS PROVIDED FOR PHONES, MIC, AND KEY. SWITCHES FOR SERVICE (CW, AM, AND TEL); FSK CONTROL; AND SIGNAL (BELL OR CALL LIGHT). SOLD WITH H-33/PT HANDSET. POWER REQUIRED: TWO "D" CELL AND ONE 45 VDC BATTERY (NOT AVAILABLE). SIZE: 3 $\frac{1}{2}$ x9-3/8x7-1/8; SHPG. WT: 13 LBS. PRICE: UNUSED, WITH USED H-33/PT, \$19.95

CODE PRACTICE SET



AN/GSC-1 CODE PRACTICE SET designed for student practice of Morse code, accommodating upto 10 keys. Hand keying produces either an audio tone with adjustable volume and pitch or a blinker flash. Has effective range of 40 ft. if background noise is less than 60 db Can be operated from 6, 12, 24, or 115 VDC or 115/230 VAC. With built-in speaker, blinker, volume and pitch controls and tubes 6X5 and 2/6AK6. Keys not included. 13x18x11; 58 lbs sh. Used, \$14.95; Gov't. recond., \$24.95

SOLID-STATE AUDIO FREQUENCY AMPLIFIER, DESIGNED FOR USE IN AIRCRAFT ON-BOARD COMMUNICATIONS FOR TALKING OR LISTENING. HAS PEAK CLIPPING AND AGC CIRCUIT. RESPONSE: 200-6000 Hz; 150 MW OUTPUT. USES 27 VDC. SIZE: 4-3/8x1 $\frac{1}{2}$ x3; SH WT: 2 LBS. AM-476/AIC-10, OPEN FRAME AS PICTURED, USED, \$4.95; AM-476, SEALED/POTTED, \$2.95



C-113/TRC-1 CONTROL UNIT AND INTERCOM SET FOR USE WITH REC TRANS. OR SEPARATE INTERCOM. OPERATES FROM 115 V. 60 CYCLE HAS MIC. AND HEADSET JACKS, BINDING POSTS TO CONN. WIRE, PL-68 PLUG & CABLE, 5 WIRE CABLE, ETC. IN WOOD CASE WITH STORAGE COMPARTMENT. SIZE: 14x9 $\frac{1}{2}$ x12; WT: 25 LBS. USED \$6.95



ARC-298 ARMORED TANK INTERPHONE EXTENSION KIT; CONTAINS HEAVY GAUGE WATERPROOF STEEL BOX WITH HANDSET & COILED CORD, SIGNAL LIGHT, CALL SWITCH, VOLUME CONTROL ETC. REMOTE CALL BOX HAS 2 SW. SIGNAL LITE, CABLE CONN. ETC. CABLE 7 COND. 30 FT. HARDWARE KIT HAS 125 PCS. OF VARIOUS ITEMS, RUBBER TAPE, EXTRA SW, LENS AND LAMP ETC. SHPG. WT. 78 LBS. PRICE: NEW \$25.00



MULTIPEX

PHILCOX CST-2 SIGNALING AND TERMINATION UNIT. FOR USE IN MULTIPLEX SYSTEMS FOR TRANSMISSION OF DIAL OR RINGDOWN SIGNALING AND TERMINATES A FOUR WIRE CIRCUIT OF THE MULTIPLEX INTO A TWO WIRE TELEPHONE CIRCUIT. A 3.5 KC TONE IS USED FOR SIGNALING. ALSO HAS CONTROLS FOR PROPER ATTENUATION OF VOICE LEVEL. OPERATES FROM 115 V. 60 CYC. AND IS COMPLETE WITH 2/12AU7 TUBES, RELAYS. RACK MTG. 19x4x12; WT: 25 LBS. PRICE: UNUSED \$12.95

Headsets — Telephone Equipment — Microphones — Handsets



HS-33 HEADSET, 600 OHM. W/USED ANBH-1 ELEMENTS AND UN-USED GREY PLASTIC HEADBAND. 4 1/2" CORD WITH PLUG. LESS CUSHIONS, \$15.00

HS-33 w/HB-7 BROWN HEADBAND (NOT U.S. MFG.) 18" CORD AND PL-354 PLG. \$14.50

HS-23 HEADSET 2000 OHM; SAME HS-33 EXCEPT NEW ELEMENT. W/GREY HB-7, \$9.25 W/BROWN HB-7, \$9.00

4" CHAMOIS CUSHIONS, \$2.25 PR. RUBBER CUSHIONS MC-162, 2 1/2", \$1.00 MX-41, 2 1/2", \$1.25

HB-7 HEADBAND ONLY GREY \$3.25 BRO. \$3



#Z/CAN1638 DYNAMIC HEADPHONES, 50 OHMS IMPED; MOVING COIL-TYPE, QUALITY REPRODUCTION. ADJUSTABLE CANVAS STRAP FITS ON TOP THE HEAD; STEEL-BAND BEHIND. WITH CHAMOIS CUSHIONS, "Y" CORD, AND PHONE PLUG. USED, \$4.95



T-17 MIC, CARBON 35 TO 90 OHM PUSH-TO-TALK; PL-68 ON 5" CORD. USED \$6.95 RE-COND. \$9.

SOUND-POWERED INTRODUCTION

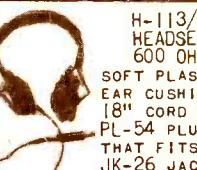
MICROPHONE 225 ohms with 6" stake for pushing into ground for artillery use. T-56 USI element 1614-11 unused \$3.75

Western Electric Sound-Powered 1024 ohms D-173016 trans. D-173012 receiver new \$3.00 ea.

Carbon Elements F-1 Mic. \$1.50 Lip Mics: M-51 M-6 M419 etc. \$1.50 Telephone elements: U-1 or T-1, \$2.00



RS-38 MIC, 100 OHM CARBON. 15" COIL CORD W/ PL-68. USED. \$6. UNUSED. NOT U.S. MFG. \$8.



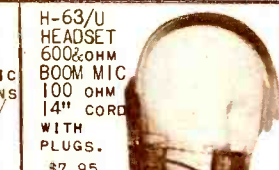
H-113/U HEADSET 600 OHM SOFT PLASTIC EAR CUSHIONS 18" CORD W/ PL-54 PLUG THAT FITS JK-26 JACK (SEE CD-307 EXTENSION CORD ELSEWHERE ON THIS PAGE) WT: 3LBS. USED-EX \$4.95

H-62 HEADSET SAME AS H-113/U ONLY IN BLACK AND HAS PROVISIONS FOR SNAPPING ON LIP MICROPHONE CW-51071 LISTED BELOW. USED-EX. \$4.95

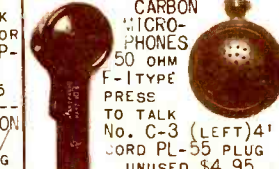
CW-51071 LIP MICROPHONE 100 OHMS IMPEDANCE W/ 2 SNAPS FOR FASTENING TO H-62 HEADSET, 14" CORD W/ PL-291 PLUG INTO EXTENSION CORD CD-318 LISTED ON THIS PAGE OR CW-49561 EXTENSION CORD LISTED BELOW USED \$1.00

JK-38 PHONE JACK FOR INLINE USE, TAKES TWO PL-55 PHONE PLUGS \$1

PUSH BUTTON SWITCHES FOR HANDSETS THAT USE BUTTERFLY TYPES. DIRECT REPLACEMENT. #5930-327-7308 \$1.25



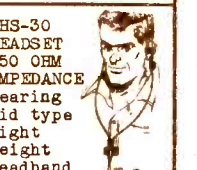
H-63/U HEADSET 600&OHM BOOM MIC 100 OHM 14" CORD WITH PLUGS. \$7.95 USED MIC. OR PHONE ELEMENTS ONLY, \$1 EA.



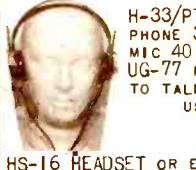
CARBON MICROPHONES 50 OHM F-I TYPE PRESS TO TALK No. C-3 (LEFT) 4' CORD PL-55 PLUG UNUSED \$4.95 M-2/10A/1422 (RIGHT) 4 1/2 FT. CORD PL-68 \$3.95 CO-78 HEADSET "Y" CORD 7" LG. RUBBER COVER NO PLUGS, TERM. \$1.50 PL-204 PLUG: SINGLE HOLDER PL-68 & PL-55 SIDE BY SIDE. \$2.00 DOUBLE PLUG D178452 F/HEADSET SIMILAR 289 298. #3850 NEW \$1.50 SWITCHBOARD CORD 4 1/2" W/PL-47 #BD-96 \$1.00



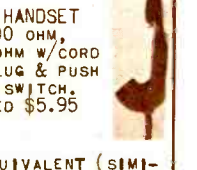
2000 OHM HEADSET, light-weight 7 1/2" cord w/spade lugs 6 1/2 oz. adjustable headband, 54" cord rubber cushions & phone plug. ELI-#978 new \$3.95



HS-30 HEADSET 250 OHM IMPEDANCE hearing aid type light weight headband 7 1/2" cord w/spade lugs that wire into CD-604 or CD-605 cord for 4000 ohm used \$4.75 new \$8



H-33/PT HANDSET PHONE 300 OHM, MIC 40 OHM W/CORD UG-77 PLUG & PUSH TO TALK SWITCH. USED \$5.95



HS-16 HEADSET OR EQUIVALENT (SIMILAR TO PIC.) 2000 OHMS WITH 6 1/2" CORD & METAL TIPS. USED, EXC. \$4.75

TS-9 HANDSET WITH PUSH TO TALK SWITCH (NOT BUTTERFLY) WITH 3 COND. CORD 4' AND TERMINAL LUGS. NEW COND. \$4.95

SOUND-POWERED HANDSET WITH COILED CORD 4FT. NEW MANUFACTURE. BROOK-TEL #1 \$13.95

OPERATOR'S TYPE PHONE & ADJUSTABLE BOOM MICROPHONE HEADSET ASSY. RUBBER-COVERED ELEMENTS; PHONE 300 OHM, MIC 40 OHM. 4 FOOT CORD. H-81, H-144, OR SIMILAR, LESS PLUG, \$8.95 W/UG-77 PLUG, \$9.95 W/UG-77 AND SWITCH, \$10.95



T-45 LIP MIC M-86/U MAGNETIC MICROPHONE: 50 OHM IMPED. PUSH SW. LEVEL CONTROL 7" CORD. UNUSED \$14.95



T-30 THROAT MIC WESTCLOX 202 KEY WITH ADJUSTABLE CONTACTS; COVER, CORD, AND PL-55. #W-202/5854, \$3.95 EA. 3/\$10.

TWIN PADDLE KEY MADE FROM A-202 BY R.W. MASON W8NN 551 TURNER IIMA, OH 45804

BRASS KEY CORD FOR HANDSETS. 10 FT. 10 INCHES LG. WITH PL-55 ON ONE LEG; PL-68 THE OTHER. UNUSED, \$4.50

BRASS KEY WITH THREE BEARINGS; ADJUST. CONTACTS, COVER, CORD & PLUG. SIZE: 2x5x1 3/8-#9, \$7.50

T-45 MICROPHONE CARBON TYPE 100OHM 500B BELOW 1 MILL-VOLT, FLAT RESPON WITH PL-291 2 CONT MALE PLUG, 11"CORD Used, \$2.50

CD-307 CORD EXTENSION FOR CORDS WITH PL-54 PLUG AS USED ON HEADSETS, 65" LG WITH JK-26 JACK & PL-55 PLUG. Used, \$2.00

T-30 MICROPHONE CARBON TYPE, 75 OHM 500B BELOW 1 MILL-VOLT, FLAT RESPON WITH PL-291 2 CONT MALE PLUG, 11"CORD PRICE: NEW \$3.00

PL-55 RECEPTACLE WITH PL-55 PLUG ON END 3 FT. CORD #R16-G34B20, unused \$2.

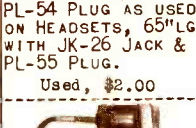
CALL COMMANDER SWITCHBOARD NE634C-1AS RE-MOVED FROM 1 LINE. 11 LINES \$24.95 5 LINES \$20.17 " 34.95 3 LINE KEY BAR ONLY \$ 8.00 Same style as Call Commander only 5-line, one-hold; with cable & plug. Black or beige. BE#1701-68, used, \$22.50

BLACK \$5.95 MODERN TELEPHONE HANDSET W/4-COND. 15"-84" COIL CORD NEW, PEARL GRAY, \$4.95

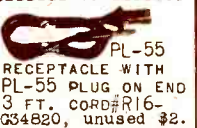
SOUND POWERED HEAD & CHEST SET



CD-318 EXTENSION CORD WITH PL-291 2 CONTACT FEMALE PLUG TO FIT T-45 & T-30 MICS. SW-141 SWITCH & PL-68 MIC PLUG ON 7 FT. CORD USED \$2.00



CD-604 CORD WITH IMPEDANCE MATCHING TRANSFORMER 500OHM TO 4000, USED WITH HS-30 HEADSET, 6" CORD & PL-54 PLUG. Unused \$1. Used 60¢



WE F-1A 20 cycle CHIME-RINGER removed-used \$6



STANDARD DESK SET: 3-line, 3-hold w/cord & terminal lugs, used \$18

STANDARD DESK SET: one line only, w/cord & terminal lugs. used \$15

J-37 Key with brass adjustable contacts, mounted on bakelite base 3"x6"x 3/8" with cord. Used \$7.95

SOUNDPOWERED HEAD & CHEST SET. MIC ON BREAST PLATE 20" CORD. RUGGED UNIT. NO BATTERIES NEEDED. USED \$15.00

JK-33 JACK TO FIT PL-68 MIC. PLUG. Used, 3 for \$1.00

CD-605 CORD SAME AS CD-604 ONLY 30" LG. WITH PL-55 PLG UNUSED, \$2.00

WALL TELEPHONE STRAIGHT 20 CYCLE RINGER 5x10x3; 5LB WE5M USED \$15.00

MODERN TRIM-STYLE PHONE; desk type with dial and ringer modular jack on 6' cord, refurbished. Various colors, specify 1st & 2nd choice, color. \$34.95

PRINCESS TELEPHONE, with dial, no ringer. Colors pink, blue & green, beige. Specify 1st & 2nd choice, w/cord & term. lugs. Used \$15.00

J-45/J-116 Leg Iron only to mount J-37 Key, used \$4.75* CD-201 cord w/PL-55 Plug to complete assy. \$2.

H-60 HANDSET: 150 OHM REC. 25-45 OHM MIC. PUSH SW. 7 COND. 5' COIL-CORD, IMPACT PLASTIC, WEA-PROF \$7.95

COILED CORD SET Three conductor, 24" to 72" 75¢ 12" to 36" 50¢

JK-34 PHONE JACK TO FIT PL-55 PLUG Used, 3 for \$1.

STANDARD TELEPHONE HANDSET AND CORD, BLACK, USED \$4. NEWER STYLE NEW, \$5.95

TELEPHONE 5 LINE HOLD KEY BOX AE 7030, CAN BE USED WITH REGULAR TELEPHONE OR ANY OTHER SWITCHING REQUIREMENT, W/ AMP. CONN 57-10500-7. S. 5x5 1/2x2 1/2; 3LBS. U \$8

WE-302 TELEPHONES; OLD, ANGULAR STYLE. STRAIGHT OR COIL CORD (NO CHOICE); BLACK, USED, \$9.95

M-29 MICROPHONE; 40-100 OHM, PUSH SW. 6' CORD W/UG-77 PLUG, U \$3.95

M-52 SAME AS M-29 W/PL-68 U \$3.95

COILED CORD SETS 3-cond. in colors 18"-36"; green, red, lt. blue 50¢ Grey or pink, 3/\$1 Five conductor, 12" to 36" \$1.25

MC-385 HIGH to LOW ADAPTER IMPEDANCE FOR HEADSET 4000-600OHM USED \$1.50 UNUSED, \$1.50

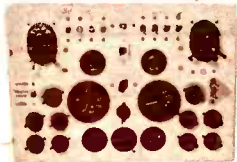
STANDARD TELEPHONE DIAL USED \$2.00

HANDSET HOLDER FOR HORIZONTAL MOUNTING, SIZE 1 1/2x3 1/2 #6988 \$.50

TELEPHONE SWITCH KEY IN METAL BOX FOR MTG. LEVER TYPE SWITCH. MC-88003 FOR 2 OR 3 LINE. (SPECIFY) \$2.95

CHAMOIS HEADSET CUSHIONS 4" DIA. \$2.25 PR.

TELEPHONE BELLS USE AS EXTENSION IN SHOP ETC. 2 LB. 4x4 1/2 1A 4B3661A \$1.50



DASHBOARD FROM AN AMPHIBIOUS VEHICLE OR LANDING CRAFT. Has 2 1/2" DIA. METERS FOR 60°-260° WATER TEMP., 60°-260° OIL TEMP., BATT./GEN., FUEL LEVEL, AND OIL PRESSURE. ALSO 3 1/2" DIA. 0-4000 RPM AND 0-60 MPH INDICATORS, 10/1 1/2" DIA. IND. LIGHTS, MAGNETO BOOST-START CONTROL, AND 10 HEAVY DUTY TOGGLE SWITCHES. 19 1/2"x14x7: 28 LBS SH. #2520-604-6634, UNUSED \$50.



METERS for vehicles; 2 1/2" round. Unused, \$5.00 each.
#GPA10844; 8-16 VDC, 12 V red line; Stewart-Warner. #1513195; 40°-160°-240° F temp., 24 V., AC mfg. #BL-111947; Battery Charge, FS-10 amps, red line 6 amp Benwood-Linze Co. mfg.

CANVAS BAGS, STRAPS AND COVERS, MAY BE USED OR UNUSED. ALL ARE CLEAN WITHOUT TEARS. SHOULDER STRAPS ARE ADJUSTABLE AND MADE OF COTTON WEBBING.

CW-189 BAG w/ SHOULDER STRAP AND SNAP COVER 10"Hx9 1/2"Wx8"D. \$5.00

BG-102 BAG, SI MILAR TO ABOVE, BUT 13"Hx 12"Wx9"D, \$4.00

BG-1942 BAG, AS ABOVE WITH STRAP CLOSE COVER AND 8"Hx 8"Wx2 1/2"D, \$2.50

BG-186 BAG, LIKE CW-189 BUT w/3 COMPARTMENTS 5x3x5 O/A 9 1/2"Hx14"Wx4"D, \$3.50

CS-76 BAG, LIKE CW-189 BUT DUZ COVER CLOSURE. 7"Hx10"Wx8"D, \$2.75

ST-19 CARRYING STRAP, 65" LG. X 2"W; w/2" SWIVEL-EYE SNAP HOOK AND TONGUELESS-BAR BUCKLE NEAR ONE END TO ADJUST LENGTH. \$3.00

ST-42 CARRYING STRAP, AS ABOVE, NO SWIVEL, \$2.50

ST-54 CARRYING HARNESS AS USED WITH BC-1000 TRANSCIEVER; 38 1/2" EXTENDED LENGTH, 14" WIDTH. ADJUSTABLE STRAPS AND SNAP HOOK, \$3.

ST-120 HARNESS FOR PRC-8-9 -10 RADIO SETS. SIMILAR TO ABOVE, SAME USE, \$5.00

CW-216 CARRYING BAG F/PRC ANTENNA AND H-33 HANDSET; COMPARTMENTS FOR EACH. O/A 19" LONG WITH TOP 5" WIDE TAPERING TO 3" WIDE AT BOTTOM, 3 1/2" DEEP. W/SNAP COVERS AND HANGER FOR AMMO BELT, \$6.00

CW-206 ROLL BAG FOR MS-116 SERIES MAST SECTIONS. COMPARTMENTS FOR GRC-SERIES SET ACCESSORIES. SNAP AND WEB STRAP CLOSURE. O/A 40" LONG, 3"Hx5"D. \$5.00

MOTOR-DRIVEN RELAY SPST NO 115 VOLT 60 HZ. 10 AMPS. NON-SYNCHRONOUS 115 V. 60 HZ. MOTOR 3.8 W. 4/5 RPM. SIZE 2 1/2"x4x2 #N17-R-68292 \$5

CUTLER HAMMER SCREW IN TYPE LIQUID HEATER 1000 WATTS, 118V. CONTROL 100-550 W/INDICATOR LITE C&H#94-1026-4 UNUSED \$5

TIME-O-MATIC SIGN CONTROL, 115 VAC 60 HZ. THREE CONTACTS RATED 15 AMP EACH. TWO ALTERNATELY MAKE AND BREAK ONCE PER SECOND FOR 15 SEC; OTHER BREAKS FOR 20 SEC. AT THE SAME TIME. THEN ALL THREE MAKE AND THE CYCLE REPEATS. SIZE: 3x5x6; SHPG. WT: 5 LBS. #53 K-155, \$4.95

KEY SELECTOR. CONSISTS OF MANUAL CLOCK MECHANISM FOR SENDING 17 IMPULSES, CAN BE SET TO CALL ANYONE AT 78 STATIONS, SPST LEVER SWITCH 2x2x4 1/2: 4C5100.60A \$1.50

SYNCHRON CLOCK MECHANISM, NO.610 110 V. 50 CYCLE 3 WATT 1 RPM #EC-129RB, WITH GEAR ASSY, NO RESET OR COVER. 2x2x2 1/2; 4oz. \$1.35

SYNCHRONOUS MOTOR, 26 volt 60 cycle, 60 rpm, shaft 1x 1/16, motor 1 1/2x2 1/2 #1147 \$2

HANSEN SYNCHRON CLOCK MOTOR 110 VOLT 60 CYCLE 10 R.P.H. MODIFIED WITH SLEEVE OVER SHAFT TO 24 R.P.H. #A12-RC-12-62 \$1.50

CRAMER TIMER SWITCH ASSY. MODEL TC-60SEC, 230 v 60 CYC. SWITCH 5 AMP. CONT. 3.8 W. 4/5 RPM MOTOR. \$1.95

VARIOMETER, FOR USE WITH RECEIVER OR TRANSMITTER FOR MAX MATCHING OF ANTENNA TO SET TRANSMITTER. MAX. 50 WATTS. USED WITH MARK II REC-TRAN: CAN BE USED w/OTHER SETS HAS 0-200 DIAL 360 USED SIZE: 5x9; 8Lb. PC75608 \$5

VARIOMETER AS USED IN COM MAND TRANSMITTER. SIZE: 2x3; 4oz. #7249 \$1

VARIOMETER, SERIES WOUND SIZE 5 1/2x4; WT: 5 LBS. WILCOX-GAY PT#172428 \$3

VARIOMETER REMOVED FROM ART-13 2-18 MHZ 90 WATT TRANSMITTER. 5x4 1/2x3 #VAR1/ART-13, \$4.

AS-207/CRT-3 ASSY WITH 300 FOOT OF 16 STRAND BRAIDED CADMIUM ALLOY COPPER WIRE ON RL-48 REEL WITH CRANK MOUNTED TO ALUMINUM DOOR WITH ADJUSTABLE BRAKE AND SNAP SWIVEL USED AS ANTENNA FOR GIBSON GIRL TRANSMITTERS, WIRE IS ATTACHED TO BALOON OR KITE WHICH IS NOT SUPPLIED. SIZE: 4x2; 2 LBS. \$6.95

RELAY CONTROL UNIT WITH 4/24 VDC REED AND 3/24 V. P&B 4PDT RELAYS. ALSO 1500 MFD 100 VDC AND 3000 MFD 25 VDC CAPACITORS; 6' 11-CONDUCTOR CABLE; AND SOLA TRANSFORMER WITH 24 V. AND 75 VDC OUTPUTS. NICE CASE: 6x5x10 (TOP), 3x5x10 (BASE); 15 LB. #RCU1, \$9.95

RECORDING TAPE MAGNETIC TAPE FOR MOST AUDIO RECORDERS, 10 1/2" REEL; 1/2" WIDTH APPROX. 3600 FT LEADING MANUFACTURERS. WT; 2 LB AST3045 \$1.50 4 FOR \$5

MYLER COMPUTER TAPE; 1/2" 1 1/2 MIL APPROX. 2400 FT. REEL IS IN LOCK TOP BOX. 3LBS USED URC-AMPEX 838 OR EQUAL. \$2.95 2/\$5

HEATING ELEMENTS ROUND HEATING ELEMENT, 6" OUTER DIA., 3 1/2" INNER DIA. 1/2" THICK. 118 VAC 500 WATT. NUT TERMINALS. #HSW-6, \$3.

CHROMALOX, CARTRIDGE-TYPE C-414; 115 VAC 180 WATT. 2x3 1/2"; 9" LEADS, \$1.50

STRIP HEATER, 46 V. 60 W. 1 1/2x5 1/2, #PT5X73, \$1.50

LOOP COIL TYPE, 9" LONG; 115 VAC 30 W. #83975, \$2.00

DOUBLE "U" LOOP COIL, 3" HIGH. 115 VAC 1000 WATT. CHROMALOX #2111-2, \$2.50

LONG DURATION TIMER WITH 115V RESET RELAY, 115V 60 HZ 1/16 RPM MOTOR. CAM ACTUATES SPDT MICRO SWITCH. 3 1/2x2 1/2. UNUSED \$2.95

ILLUMINATED CLOCK MECHANISM AS USED ON CLOCK RADIOS. CLEAR PLASTIC FRONT TO TRANSMIT LIGHT, NO HANDS. HAS 60 MIN TIMER ALSO HAS ON-OFF-AUTO ALARM 2" SQ FACE. 115V 60 HZ. SH WT 2 LB. UNUSED \$1.50

ELECTRIC TIMER ONE HOUR, OPENS AT END OF PERIOD 115 V. 60 CYCLE CONTACT 230 v 25 A. ROBERTSHAW 700-2141 \$1.95

STOVE TIMER CLOCK MECHANISM START-STOP OFF-REGULAR 115 V.A.C 60 cycle Switch rating 230VAC 30AMP Knobs are not the typ used on stove but can be modified Black Face Q155791 \$2.95 Silver " Q155795 3.25

TIMER SPRING WOUND TYPE closed when unit is wound, opens at the end of time. 30 minute 115 volt 20 amp. Lux#2500 \$3.95 60 minute 120/240 vac 15 amp. Rhodes 65b \$4.50

MN-40 INDICATOR 0-360 DEGREE SCALE SIMILAR TO ABOVE EXCEPT THAT IT IS OPERATED MECHANICALLY BY USE OF A SPLINED FLEXIBLE SHAFT OR SPIN KNOB OR BOTH. MN-40 INDICATOR 5" \$2.50 MC-127 SPIN 20" \$1.50 MC-137 SPIN KNOB \$1.00

AUTOSYNS THAT CAN BE USED TO MAKE WIND DIRECTION AND SPEED SYSTEMS. Sperry #5663642 \$2.95 AY-201 or equivalent used \$4.00 AY-1 Autosyn new \$5.95 See page 17 for more info.

SPERTI VACUUM SWITCH SIMILAR ONE IN ART-13 XMITTER KEYING RELAY. GLASS, SPDT. #3340-5345, \$3.00

PUSH SWITCH ASSY, 9 SWITCH SP PUSH OFF, 8/DPST CANCELING TYPE WITH ONLY ONE IN USE AT A TIME; w/BUTTONS, 5x2x2 1/2. #229903A, \$3.95

INTERLOCK SWITCH, HEAVY-DUTY 2" COPPER STRIP CONTACTS OPEN WHEN DOOR IS OPENED. PLUNGER 1-1/8". 2 1/2x1x2 1/2. ONE-LITE #231 \$2

BC-610 XMITTER INTERLOCK SWITCH, 2x2x1. GE#7760014-2, \$2.00

THERMAL SWITCH; NORMALLY SET SO THAT THE POWER TO THE CONTROLLED CIRCUIT IS CUT OFF APPROX. 30 SECONDS AFTER COOLING AIR FLOW IS CUT OFF. OPERATES FROM 130 VAC, APPROX 2000 OHM RESIS. CERAMIC UNIT 1-3/8" DIA X 1 1/2" MOUNTED ON PLATE 3 1/2x1 1/2, 20" WIRE LEADS. #M-4199 \$1 6/55

ID-6E/APA-44 AIR SPEED INDICATOR; CONTAINS A KOLLSMAN TRUE AIR SPEED METER AND A INDICATING WITH A RANGE OF 84 TO 434 KNOTS. HAS OSTER MOTOR AV-240, RELAY, 1/6AK5 TUBE, COMPENSATING DEVICE PLUS MANY OTHER COMPONENTS. 15x7 1/2x5; 20 LBS. USED \$15.

RT-58/ARC-12 CHAMNEL SELECTOR AND MOTOR ASSY. 10 POSITION AUTOTUNE MOTOR DRIVEN 26.5 VDC WITH 2 SHAFTS 60 RPM ALSO RELAYS. 4x6x3 1/2. 5 LB. #596C-1 \$2.95

THERMOSTAT Penn Controls type 810, 22amp lph, non inductive, 120/240 vac. adjustable switch. 21" sensor lead. \$5.00

30 RPM MOTOR 30 RPM GEARHEAD MOTOR, 24 VDC; Size: 2 1/2x1-3/8. Shaft: 3/8" x 1/8" dia. Hayden #K43121-PB. NEW, \$6.95

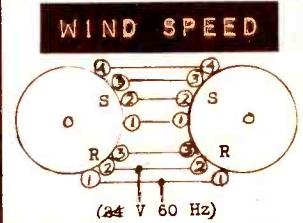
I-112 RADIO COMPASS INDICATOR 5" 0-360 scale w/AY-1 Autosyn. Same as I-82 except has manual pointer dial set. Removed from test set. \$20.

MN-42C RADIO COMPASS INDICATOR 5" with dual azimuth dials Two AY-1 auto syn. Used in aircraft that had two separate antenna loop systems. Used, \$23.

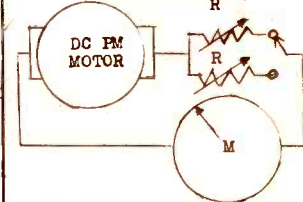
I-91(*) RADIO COMPASS INDICATOR 5" 360 deg. sc. used w/ARN-6 sys. 3 1/2"x3". (can be used with wind direction system) used \$9.95 NEW \$14.95

I-101 CROSS POINT INDICATOR For combined use from localizer Rec. & Glide Path Rec. used w/ARN-5, RC-103 et 3x3x3 1/2; used broken glass, good movements \$2.95/Re-cond \$5

ID-304/APA-70C Cross Point Indicator. Same as I-101 but has on/off power switch. Unused \$8.95



WIND DIRECTION INDICATOR using the Sperry #R5663642 selsyns on page 17. Design your own wind vane and indicator so that you can check wind direction from inside your house. Selsyns #R5663642, unused, \$2.95 ea



WIND SPEED INDICATOR using a 24 VDC PM motor (p.17) as a generator, a 200 micro-ammeter, and a resistor range scaler so that wind speed may be monitored indoors. We'll supply the PM motor and a 3 1/2" rd. 0-200 scale (FS=200 ua) meter; you design the rest. #WS-MOTOR & METER, \$7.95

AY-1 AUTOSYN MOTOR AS USED IN I-81, I-82 ETC. DIRECT REPLACEMENT. \$5.95

I-81 & I-82 ARMATURES ONLY #3H2716/A1, UNUSED, \$3.95

I-82 GLASS ONLY, \$2.00

MINIMUM ORDER \$5.00

MODULAR POWER SUPPLIES



LAMBDA MODULAR POWER SUPPLIES, RUGGED SOLID-STATE. REGULATED 0.03%. REMOVED FROM EQUIPMENT BUT IN EXCELLENT CONDITION. RATINGS ARE BASED ON A 60 HZ VAC INPUT; OUTPUT V-5% AND AMPS @ 40° CENTIGRADE.

MODEL	INPUT	OUTPUT	PRICE
LMB-20	105-132	20V	1.8A \$35.00
LMCC-5	105-132	5V	10.5A 50.00
LMCC-5V	205-250	5V	10.5A 50.00
LMCC-20	105-132	20V	5.0A 50.00
LMCC-20V	205-265	20V	5.0A 40.00
LMD-20	105-132	20V	7.4A 60.00
LMD-20V	205-265	20V	7.4A 60.00
LME-5	105-132	5V	20A 70.00

PACKAGE SIZE: (B) TYPE: 3 1/2 x 5 1/2 x 6 1/2; (CC): 5 x 5 x 9 1/2; (D): 5 x 7 1/2 x 9 1/2; (E): 5 x 7 1/2 x 11 1/2.

LRA RACKS FOR LAMBDA MODULAR UNITS AVAILABLE

SPERRY SOLID STATE P.S. 115/230V. 60HZ. OUTPUT 6VDC @ 3.5A., OR 12.03A @ 230V INPUT SIZE 8x10x11; 25 LBS. #4124957 \$24.95

OUTPUT 6VDC @ 5A., -12VDC @ 2.5A. & 48VDC @ 5.5A. SIZE: 20x9x8; 40 LBS. #411328 \$39.95

LAMBDA RACKMOUNT POWER SUPPLIES, ratings 40°C
#LMF-A-5 5 VDC 31.5 amps \$95.00
LMF-A-20 20 " 16 " \$110.00
LMF-5-0V-V 205-265 V in, 5 VDC 48 A. \$100.
LMF-20-V " " V in, 10 " 23 A. \$110.

NORTH ELECTRIC MODULAR POWER SUPPLIES, 105-132 VAC 50-60 Hz input; ratings @ 40°C.
#N64005AV 5 VDC 28 amps \$85.00
N65005AV 5 " 35 " \$100.00
N11006A 6 " 3.5 amps \$24.00
N15010A 10 " 16.5 amps 90.00

NORTH ELECTRIC RACKMOUNT POWER SUPPLIES, 105-132 VAC 60-60 Hz input; ratings @ 40°C.
#N17005A 5 VDC 49 amps \$110.00
N18005A 5 " 82 " 150.00
N18005A-M, as above with meters 165.00
N19005A 5 VDC 120 amps 185.00
N18012A 12 " 58 " 140.00
N18024A 24 " 33 " 135.00

CON-AVIONICS/NJE HS SERIES, 19-21 VDC 15.5 amps from 220 VAC 50-60 Hz input. NEW, \$75.

DRESLER-BARNES WITH REMOTE SENSING,
26859 210-250V. 20V 3A NEW \$30
26858 210-250V. 20V 9A NEW \$60
27091 208, 220, 240V. THREE PHASE, UNREGULATED, 10V 6A AND 50V 3A. NEW \$25

ELECTROSTATICS MODEL 50; INPUT: 103-127 v. 50-400 HZ. OUTPUT: 18-22 VDC @ 2 AMPS. LESS COVER. 6 1/2 x 5 x 4 WT.: 10 LBS. NEW \$25

NORTH ELEC. P.S. 105-132V. 40-440HZ. OUTPUT 3.7VDC @ 14A. (MODULAR) 9 1/2 x 5 x 7 1/2; WT: 17 LBS. #N14003KA NEW \$35.00

NORTH ELECT. P.S. 115/230V 60HZ, OUTPUT 6VDC @ .5A. -6VDC. 5A -12VDC @ 1.6A. -28VDC @ 4A. SIZE: 2 1/2 x 5 1/2 x 5 1/2; WT: 28 LBS. #PEC2754 \$29.95

NORTH ELECT. 115/230V. 60HZ. OUTPUT 5VDC 42 A. 15VDC 5 A. -15VDC 5 A. -18VDC 12 AMP. 24 VDC 10A. 250VDC 200 MA. SIZE: 24x7x16; WT: 150 LBS. #PEC3496 \$100.

WANLESS 1-0EM IC POWER SUPPLY; OUTPUT: 24 v. @ 2.5 AMPS. REGULATED; AUTOMATIC FOLDBACK CURRENT LIMITING. FLOATING + AND - OUTPUTS. AC INPUT; SOLID-STATE. SIZE: 5x5x6; WT: 10 LBS. NEW, \$27.95



GENERATOR

GENERATOR G-24 AC-DC
115 V. 800 cyc 10.5 AMPS. 24 V. D.C. 60 " SPLINE SHAFT SIZE 7/8x1 1/2. SIZE: 6 1/2 x 7 1/2 x 13; WT: 45 LBS. RE-COND. \$24.95



BELL SYSTEM POWER SUPPLY 105-130 VOLT 60 HZ. OUTPUT 18VDC .6 AMP 20VDC 1.0 " 9VAC 2.8 AMP & 18VAC 1.4 AMP. FUSED & AC CORD. SIZE: 8 1/2 x 4 1/2 x 8 1/2; WT: 22 LB #J86731A USED \$6.75

MOBILE SUPPLY

AVA-126 VIBRATOR POWER SUPPLY, operates from 6, 12, or 24 VDC depending on vibrator used. Output: 300 V. 100 MADC. Includes 6 VDC vibrator. 7 1/2 x 7 1/2; 12 lbs. Unused, \$5.



VOLTAGE REGULATED POWER SUPPLIES

Regulated power supplies, used-repairable. Shipped freight or bus collect unless "UPS" noted. ***** noted. LAMBDA MODEL 29M, metered output 100-200 VDC 100 ma and 6.3 VAC 3A. Rackmount; UPS. Used, \$35.00

HEWLETT-PACKARD 712A, 0-500 VDC 200 ma, 6.3 VAC 10 A. Rack, \$65.

CON-AVIONICS HS SERIES DUAL POWER SUPPLY, transistorized, 17-19 VDC 16 amps; 110 VDC 250 ma. \$100.

NORTH ELECTRIC 48-52 VDC 6 amp output from 115/230 VAC 60 Hz in. Solid-state with 2 1/2" GE DW-91 meters for 0-80 VDC and 0-10 amps, AC circuit breaker, and Equalize-Flow switch. 12x19x8 1/2, rackmt. #PEC2627B, \$55. OTHERS AVAILABLE. WRITE YOUR NEEDS

VARNY AUTO-RACE PACK 2/14 VDC 600 MA outputs makes nice small bench supply by adding regulator, etc. 5' AC cord; 5x3 1/2 x 2 1/2, 3 lbs. \$2.95

PP-523/GRC POWER SUPPLY, six step output from 34 VDC 3 amp to 50 VDC 4 1/2 amps. 115 VAC 60 Hz input. With 2 1/2" rd. meters 0-100 VDC and 0-5 amps DC. 9x11x16, 50/lbs. Used \$32

PP-34/M3M RECTIFIER POWER SUPPLY for charging storage batteries. DC output: 2-30 V. 1.5-50 A. 1500 W max. full load from 115 VAC 60 Hz input. With 2 1/2" rd. 0-50 DC ammeter, fan with 10" blades, coarse-fine output selector, and circuit breaker. 13 1/2 x 28 1/2 x 18, 235 lbs sh. Used, \$50.

DYNAMOTORS

TYPE	USED	RENEW	TYPE	USED	RENEW
DM-25	2.95	4.95	D-401	6.95	
DM-28	6.95		D-402	6.95	
DM-32	2.95	4.95	D-401 (SPEC)	8.95	
DM-32 (12 v)	4.95	DY-9	9.95		
DM-33 (WRITE AV)	DY-10	12.95			
DM-34	2.95	4.95	DY-17	12.95	
DM-35		20.00	DY-21	8.95	
DM-36	2.95	6.95	DY-22	9.95	
DM-37		13.00			
DM-40	5.95		DA-6A	8.95	
DM-41	5.95		DA-1F	11.00	
DM-42		15.00	DA-14	8.95	
DM-43		15.00			
DM-53	4.95		BD-77	19.95	
DM-53	5.95	(12V)	BD-83	8.95	
DM-64	7.95				
			PE-86	5.95	
			PE-98	8.95 (COMP)	
			PE-98	4.95 (DYN)	
			PE-94	9.95	

CARTER WA-2503; INPUT 6 vdc 6.3 A. OUTPUT 250 vdc 30 MA. SIZE 3 1/2 x 5 x 3; WT. 6 LBS. USED \$4.95

41S14 F/COLLINS 618; INPUT 27.5VDC 22 AMPS. OUTPUT 650 VDC 550 MA. & 250 VDC @ 150 MA. SIZE 9x14 N \$15

DYNAMOTOR DM-35 INPUT 12 VDC @ 18.7 AMP. OUTPUT 625 VDC @ 225 MA SIZE: 4 1/2 x 4 1/2 x 8 1/2; 13 LBS. UNUSED \$20

INVERTERS



EICOR INVERTER X3516-1 INPUT: 27.5 VDC 165 AMPS. OUTPUT: 115 VOLT 400 CYCLE 2500 V.A. 1 PHASE SIZE: 16x11 1/2 x 8; WT: 75 LBS. EXCELLENT COND. \$49.50

PU-7 INVERTER

INPUT: 28 VDC 160 AMPS. OUTPUT: 115 VAC. 400 CYCLE. 21.6 AMP. 1 PHASE SIZE 19 1/2 x 8 x 10 1/2; 100 LBS. PRICE: UNUSED \$49.50

5A513N3 INVERTER

INPUT: 26 VDC 100 AMPS. OUTPUT: 115 VAC 400 CYCLE 1500 VA 1 PHASE SIZE: 14x9 1/2 x 6; WT: 50 LBS. PRICE: UNUSED \$45.00

MG-149F INVERTER

INPUT: 24 VDC 36 A. 750 VA. OUTPUT: 115 V. 400 CYCLE 1 PHASE 500 VA & 26 V. 400 CYCLE 1 PHASE 250 VA. SIZE: 12x8 1/2 x 8; WT: 25 LBS. PRICE: GOV. RECOND. \$49.50

INVERTER

INPUT 27.5VDC 60A OUTPUT 115 V 400 CY 750 W 3 PHASE 26 V 400 CY 50 W 1 PHASE SIZE 11x10x6; WT: 40 LBS. LELAND#10285 USED \$34.95

EICOR 3012-08 100 VA INVERTER Input: 24/30 VDC 11 amps. Output: 115 VAC 400 Hz 1-Ph, 100 VA. Size: 9 1/2 x 6 x 4 1/2, 14 lbs sh wt. Used, \$16.95

PU-43/A-800-1

INPUT: 24 VDC @ 75 AMPS. OUTPUT: 115 V. 800 CYC. 1 PHASE 10.5 AMPS. WT: 35 LB. SIZE: 4 1/2 x 6 x 12. Used, \$24.95



JACK & HEINTZ

F-132 INVERTER INPUT 27.5 vdc @ 100 AMPS. OUTPUT 115 v. 400 CYCLE 1500 VA 3 PHASE SIZE: 16 x 11 x 7; WT: 55 LBS. PRICE: USED \$75.00

F-147 INVERTER INPUT 27.5 VDC @ 180 AMPS. OUTPUT 115 v. 400 CYCLE 2500 VA 1 PHASE SIZE 18x11x7; WT: 75 LBS. PRICE: USED \$75.00



JACK & HEINTZ INVERTER #AN-3532-2 INPUT 27.5 VDC @ 20 AMPS. OUTPUT 115 VOLT 400 CYCLE, 3 PHASE, 250VA VOLTAGE REGULATED. SIZE: 12x7 1/2 x 4 1/2; WT: 20 LBS. FED#6125-617-0967 Used, \$18.95

1000 VDC 350 MA

BD-77 DYNAMOTOR; INPUT: 14 VDC 39 AMPS. OUTPUT: 1000 VDC 350 MA. SIZE: 11x10x6 1/2 SHPG. WT: 40 LBS. \$19.95

PE-73 DYNAMOTOR; SAME AS BD-77, BUT WITH 28 VDC 19 AMP INPUT, RECOND. \$30.00

DM-42 DYNAMOTOR; INPUT: 12 VDC 39 AMPS. OUTPUT: 1030 AND 515 VDC @ 215 MA. 7x7x11; 42 LB. RECOND. \$15.

VIBRATOR POWER SUPPLY, USED WITH AN/PIP-1A PUBLIC ADDRESS SYSTEM. INPUT: 5.2 to 6.2 DC VOLTS; OUTPUT: 800 VDC 60MA, 50 VAC. SIZE: 4 1/2 x 3 1/2 x 3 1/2 3 LBS #H17VD-11077 NEW \$5.95

PE-104 POWER CONVERTER. 6 OR 12 VDC INPUT, OUTPUT 90 VDC, 1 1/2 VDC AND -45 VDC. SIZE: 4x4x7; WT: 10 LBS. NEW \$3.95 w/EXTRA VIB. \$4.95

PP-855/PRC-14 VIBRATOR POWER SUPPLY WITH FILTER NETWORK. 6 VOLTS DC INPUT, 5.35 AMP OUTPUT 135 VDC @ 155 MA. SIZE: 7 1/2 x 2 1/2 x 2 1/2; WT: 3 LBS. NEW \$4.95

DUAL SIX VOLT D.C VIBRATOR POWER SUPPLY. OUTPUT 540 VDC @ 150 MA. CAN BE TAPPED AT 270 VDC. WITH 2/OZ4 TUBES. SIZE: 9x6x5; WT: 10 LBS. STK#3H6694-5 NEW \$7.95

HIGH VOLTAGE

ACE HIGH VOLTAGE POWER SUPPLY; OUTPUT: 3000 VDC 50 UA APPROX. INPUT: 115 V. 60 HZ. USES TWO 1B3 RECTIFIER TUBES. WITH MOUNTING FLANGE. SIZE: 6x7x2; SHPG. WT: 8 LBS. UNUSED. #ACE-HV3000, \$5.95 SPECIAL!! 2 FOR \$10.00

PE-157 POWER SUPPLY, originally used with BC-728 manpack radio. Output: 1.5 VDC 490 ma and 135 V. 50 MA. Requires 2 volt BB-54 wet cell battery. Has leather carrying handle and space for 4" speaker. 6x12x6; 20 lbs. sh. Used, less battery, \$14.95 BB-54 BATTERY, 4 lbs., \$3.

PP-18 CONVERTER 12 VDC 4 AMP TO 24 VDC 1.5 AMP. PARALLEL FOR MORE CURRENT. WITH VIBRATOR ALSO PLUG SIZE: 6 1/2 x 5 1/2 x 8 1/2; WT: 10 LBS. NEW \$4.95

TUBE SOCKETS



4X150 SOCKET PAIR F/T-195 xmitter modltr 4x3x2 1/2, #T195/4X150 Removed, \$12.
SEDLACSIK'S 958 ceramic
4-contact socket for 872, etc. Unused, \$3.00



EIMAC SK610/JOHNSON 124-110 socket for 4X150, used, \$7.50 With chimney SK606/124-111, \$9.00 Chimney only, \$3.00

OCTAL MOULDED 2 HOLE MTG. \$.25
" RING " .30
" CERAMIC (SPECIFY) .50
LOCTAL MOULDED 2 HOLE .35
CERAMIC TYPES 4,5,6 & 7 CONTACTS STANDARD SIZES .50
MOULDED TYPES 4,5,6 & 7 CONTACTS, STANDARD SIZES .35
MINIATURE MOULDED 7 & 9 .30
" CERAMIC 7 & 9 .40
SHIELDS FOR MINIATURE TUBE .25

GIANT 4 CONTACT CERAMIC FOR 211/VT-4C, 872 ETC.
GE #M17461594-G1 USED .49
GIANT 4 CONTACT CERAMIC FOR 715, 718 ETC. JOHNSON 234 TYPE STK. #227684-98 UNUSED \$1.25
CERAMIC FOR 829 ETC. \$1.25
" 832 ETC. \$1.25
" 872 W/SHOULDER \$1.00
" 811/866 \$1.00
JOHNSON 214 F/750TL, 1500T 2.00
" 244 F/8008 ETC. 2.00

JOHNSON 0105-047 SOCKET F/829B 5894 \$2.50

JOHNSON 124-0113-021; SILVERED 2000 MMF MICA SCREEN GRID BY-PASS CAPACITOR WITH A LOW-LOSS HOUSING W/PRESSURE CONTACT FINGERS 1-3/8 DIA., 2-3/8" MTG. HOLE CNT. F/4X150 ETC. TUBES \$3

TERMINAL STRIPS WITH CLIPPED WIRE
BARRIER TERM. STRIPS AVAILABLE, 3/4, 1 & 1 1/2" WIDTHS, 2 TO 16 TERM INALS. TWO TERMINAL 20¢, EA. EACH ADDITIONAL TERMINAL 3¢. WE WILL SHIP CLOSEST TO YOUR ORDER.

HEAVY DUTY TERMINAL STRIPS. APPROX. 2" W X 1/2" D.
6 TERM. 4 LGS. 1.50 12 TERM. WITH 8 " 6 " 2.00 SCREW DOWN
12 " 8 1/2 " 3.00 HOLDER TYPE \$4

TM-175 BINDING POST 1/2x5/8" DIA. HEAD; 1 1/2" LG #8 THREAD. BRASS. 4/\$1.00

RUBBER SHOCK MOUNTING 4 LBS. No. 4 \$.35
6 " " 6 " .40
10 " " 10 " .45
12 " " 12 " .55
16 " " 16 " .65
24 " " 24 " .80
35 " " 35 " .85
OTHER WEIGHTS AVAILABLE, WRITE

ENERGY STORAGE CAP. 7.5 MFD., 20K VDC .06 UH IND. OSCILLATORY DUTY, 75K PEAK AMPS. CASTOR OIL FILLED. SIZE: 1.5x1.3x.5; 65 LBS GE #14F666G5 \$50

HIGH VOLTAGE VARIOUS CAPACITIES & HIGH VOLT. AGES AVAILABLE. WRITE & TELL US OF YOUR NEEDS.

Capacitors



MFD	VDC	SIZE	PRICE
24000	3	4x3	\$ 1.00
2000	15	1 1/2x4 1/2	.75
1100	25	1 1/2x4	.75
500	200	2x4	1.25
4	400	2 1/2x4x1	.75
2	600	2 1/2x2x1	.50
3	600	1 1/2x3x1	.55
4	600	3x2x1 1/2	.65
6	600	4x2x1 1/2	.75
7	600	4x4x2	.80
8	600	5x3 1/2x1 1/2	1.00
1	1000	2 1/2x1 1/2x1	.50
1.5	1000	4x1 1/2x1	.75
2	1000	4x1 1/2x1	.85
4	1000	4x2x1 1/2	1.00
6	1000	4 1/2x2 1/2x1 1/2	1.50
15	1000	5 1/2x3x2 1/2 (DENIED)	1.10
15	1000	5 1/2x3x2 1/2	1.50
2x8	1000	5 1/2x4x2	3.00
2	1500	4x2x1 1/2	1.00
8	1500	6x3x2 1/2	3.75
12	1500	4x4x4	5.95
4	1500	3 1/2x3x1 1/2	1.50
1	2000	2x3x1	1.00
4	2000	5x3 1/2x2 1/2	7.50
1	2500	4 1/2x3 1/2x1 1/2	1.25
1	3000	4 1/2x3 1/2x2 1/2	1.50
1	5000	8 1/2x4 1/2x3 1/2	4.00

OTHER VALUES-WRITE-SPECIFY

COMPUTER GRADE

MFD	VDC	SIZE	PRICE
23000	7	5 1/2x1 1/2	.60
	BANK OF FIVE		2.50
150000	10	5 1/2x3	3.50
61000	10	4x2 1/2	1.50
13000	15	4 1/2x1 1/2	1.50
73000	15	4 1/2x3	3.00
40000	20	4 1/2x2 1/2	2.75
52000	20	6x3	3.75
20000	25	4 1/2x3	2.00
16500	30	4x3	2.00
24000	30	4x2 1/2	2.25
25000	30	4 1/2x3	2.50
54000	30	6x3	4.50
18000	35	4x3	2.50
25000	35	4x2 1/2	3.00
37500	35	6x3	4.00
9400	40	4 1/2x1 1/2	2.25
16000	40	4x3	2.75
30000	40	4 1/2x3	3.00
40000	40	5x3	3.50
48000	40	5 x3	4.00
51000	40	4 1/2x3	4.50
12500	50	4x3	2.25
23200	50	4x3	3.75
34000	50	5 1/2x3	4.50
13500	60	4x2	4.00
25000	65	5 1/2x3	5.00
950	75	4x3	2.00
3500	100	5 1/2x3	4.00
1250	180	4 1/2x2	3.00
1700	200	5 1/2x3	4.00
500	250	4x1 1/2	3.00

WRITE FOR QUANTITY PRICES

PHOTO FLASH TYPE
600 MFD 360 VDC 3 1/2x1 \$2.25

AC CAPACITORS

MFD	VAC	SIZE	PRICE
1.3	950	5 1/2x4x1 1/2	3/\$1.00
8	660	6x2x1	2.00
10	660	5x3x2	2.50
3	660	3 1/2x4x1 1/2	.75
2	440	2x2x1 1/2	1.00
10	370	6x1 1/2 RD.	1.25
4	370	2 1/2x2 1/2x1 1/2	.75
7	330	3 1/2x3 1/2x1 1/2	1.25
4	330	6x2 1/2 RD.	1.00
3.9	330	4x2x1	1.00
5	220	4x3 1/2x1	1.00
47-58	220	4 1/2x2 RD.	2.00
4	220	4 1/2x1 1/2x1	1.00

ROTARY SWITCHES

2-POLE 6-POSITION, 1/2x1 1/2 d. shaft, 1 1/2x1 1/2 dia overall. #296-6382, unused, \$1.00

ROTARY SWITCH, 2-DECK. ONE 4PDT MOMENTARY BOTH SIDES; OTHER 2PDT MOM. B.S. AND 1PST MOM. 1-3/8" DIA.; CER-AMIC. #329825-20, \$1.00

MINI-ROTARY, 1-pole 3-pos. shorting. 1" dia; 1/8" dia shaft. No hardware. #LED-M13-S, unused, 75¢

THUMB-WHEEL WAFER SWITCH, 18 POSITION, ICN, NUMBERED, 2 HOLE MTG. HORIZON TAL OR VERTICAL, 2 1/2x3/8" # 960 NEW \$1.25
SAME AS ABOVE 10 POSITION 2 1/2x3/8" #980 NEW \$.75

1/25 POSITION, 3 DECK, SILVER PLATED CONTACTS, 2 1/2x2 1/2, 1/4" SHFT. M-548-6083 NEW \$5.00

ROTARY SWITCH 10 POLE, 4 POS., 5 DECK. 3 1/2x1 1/2. RM-39/31.9 RE-MOVED \$1.00

ANTENNA COUPLING SWITCH, 6-position, 1-pole. 2-3/8" dia. Ceramic, bar knob. Removed, \$3.95

ONE DECK/ONE POLE 12-POSITION ceramic rotary switch with stop. 1 1/2" dia. #329825-62.178, \$1.25 ea.

GE CERAMIC POWER SWITCH, two deck; 4 break/3 make. 4"x2" dia. #G1/407, \$1.95

DAVEN SWITCH

18-POSITION, CONTINUOUS TURN, 2" dia. Zinc-silver contacts. 2 1/2x1 1/2 dia shft. #329825-92.2 Unused, \$3.00

TWO ON/OFF SWITCHES ON ROTARY WAFER, 2 DECK, POLE 2, 5 POS. #333-9774 \$1.00

ROTARY SWITCH, two deck, 2-pole 5-position each. 2" dia. #REM/PP-115, used \$1.

CERAMIC ROTARY SWITCH, two deck, 2-pole 6-position silver-plate contacts. 2"H x1-7/8" Dia. Shaft 7/8x 1/2" dia. #257-3252 new, \$2.50

ROTARY SWITCH SINGLE 17 CONTACT DECK, ONE TIE DECK DIA. 2 1/2x1 LANS. SW-942-249 REMOVED, \$1.25 EA.

ROTARY ACTUATOR WILL OPERATE FROM 12-28 VDC, 12 POS ITION, 30 DEGREES EA. 2 1/2" SHAFT AND RODS FOR MOUNTING WAFER SWITCHES. MOUNTING 2 1/2x3, 1 1/2" H. WT: 1 LB. #MX167869G1 \$1.50

ANTENNA CIRCUIT SWITCH 100 WATT 3/4 MAKE 3/BRE AK SIZE: 4 1/2x2 1/2 IN. #329626 \$2.50

ROTARY SWITCH, BAKELITE WAFER; 2 DECK, 5 POSITION, 1 POLE MOMENTARY 5 POS. 2x2 SW-145 39¢ EA 3/\$1.00

CERAMIC ROTARY SWITCH, TWO DECK; 1-POLE 4-POS./DECK. 1 1/2" DIA. ACE#2-1P4P, \$1.50

Parts Kits

DISC CERAMIC CONDENSERS 33 ASST. 15MMF-.61MFD. Good Value \$1.25 a KIT

WIRE ASST. SIX 25 FT. COILS; INSULATED. TINNED-COPPER, \$1.50

MICA CONDENSERS 25 ASST. 10 MMFD To 6800 MMFD. \$1.00 a KIT

TRIMMER CONDENSERS 25 ASST. 3 to 280MMF WIDE RANGE \$1.00 KIT.

PRECISION RESISTORS 25 asst. on boards. Carbon or wire wound 1%. \$1.50/kit

RESISTORS WIREWOUND 25 ASST. 5 to 20 Watt Wide range of values some tapped. 25 ASST \$1.00

VOLUME CONTROLS 10 ASST. Popular Values \$1.00

TUBE SOCKETS 20 ASST. Octals Loctals Minatures Wafers etc \$1.00

PILOT LIGHT SOCKETS 25 ASST Bayonet Screw etc. \$1.00

TERMINAL STRIPS, Tie lug strips, ASST types, 25 for \$1.00

TERMINAL LUGS, ring spade, crimp types. Wide variety of sizes for all uses in clear plastic box. APPROX. 200 PCS. \$1.50

ROTARY SWITCHES ORDER NOW 6 for \$1.00

BATHUB CONDENSER KIT 1 MFD. to 1 MFD. up to 400 Volt. \$1.00

HARDWARE KIT NUTS, WASHERS SCREWS, RIVET GRDNMETS ETC. 1 1/2 LBS. \$1.50

COMPUTER GRADE



MFD	VDC	SIZE	PRICE
900	165	2x4 RD.	\$1.00
100	250	1 1/2x2 1/2	1.25
1400	99	2x4	1.00
3500	52.5	2x4	1.25
12000	11	2x4	1.25

ABOVE, IN LOTS OF 6, 20% OFF.

MICA CAPAC- MFD WVDC CM ITORS used .01 600 55 in RF power .0062 1200 55 circuits. .022 1200 60 JAN CM-size .00047 2500 55 less than .005 2500 55 1 1/2x1-3/8. .006 2500 55 \$1.25; 5/35. .01 1200 45

ELECTROLYTIC (E); PAPER (P) 450 uf 25 VDC (E), 65¢ 4/32 1000 uf 25 V (E), 85¢ 4/32 40/40 uf 150 V (P), 2/\$1. 80/40/20 uf 150 V (P), 2/\$1 150 uf 200 V (P), 2/\$1.00 100/40 uf 350/300 V (E) \$1.

1 KVDC DISCS: 7/\$1. 100/\$5. UF: .0001 .0002 .001 .002 3 KVDC DISCS: 4/\$1. 100/\$12 UF: .00009 .00025

TANTALUMS, 35 VDC PCB-type: 4.7 or 6.8 uf, 3/\$1. 1C/\$25 40 uf 25 V 2x5/8 tanta 2/\$1 47 uf 20 V 2 1/2x1 tanta., 2/\$1

POLYSTYRENES, 4/31. 1C/\$15: .01 uf 200 V; .009 uf 500 V

0.022 uf 100 V mylar, 4/\$1. 0.33 uf 500 V mylar, 5/\$2. 1.5 pf ceram. feed 1", 6/\$1

RESISTORS

3/5 W, 20¢ EA; 10/25 W, 30¢ Emitter Resistors

0.5 OHMS 10 WATT, WW 3.0 " 10 " " " 2.0 " 10 " " " 2.43 " 3 " " " 24 " 5 " " " 70 " 5 " " " 100 " 5 " " "

BLEEDER RESISTORS 700 OHMS 10 WATT, 5% 3900 " 25 " " FERRULE 1000 " 25 " " WW 15K " 10 " " " 15K " 3 " " " 100K " 3 " " CERAMIC

1.6 OHM 220 W, 5%, \$1.50 0.05 " 105 W, 5%, 4x1, \$1.

PRECISION RESISTORS 5K OHMS * WATT 0.1%, 60¢ 7.5K OHMS, 0.333 WATT 0.25%, WIREWOUND, 40¢ EA. 28K OHMS 1/2 WATT, 0.05%, WIREWOUND, 40¢ EA. 55 MEGOHMS, 10 WATT, 1%, DALE WIREWOUND, \$1.00 EA.

DALE PRECISION POWER RES. 100 WATT (3 1/2x3 1/2) IN. VALUES: 45Ω (3%), 120Ω (1%), 450Ω (1%), 1400Ω (1%), \$2.50 250 WATT (4 1/2x3 1/2) IN. VALUES, 600Ω (1%), \$3.00

250 WATT 1 OHM (5%), \$4.00

260 ohms 5 watt 1%, 2/\$1.00 4K ohms 3 watt, 1%, 2/\$1.00 41 ohms 10W 1%, 1 1/2x3/8 85¢ 75 ohms 50 W, 5%, 4x5/8 \$1. *****

BOURNS 4114R-002 DIP NETWORK, 14-pin, 13 resistors 4700 ohm. 3/\$1. 25/\$6.00

Power Transformer Filament Modulation Microphone Chokes

HIGH VOLTAGE TRANSFORMERS

PRI	HZ	SECONDARY	SIZE	WT	STOCK #	PRICE
117v	60Hz	375v 40MA 2/6.3	.6A 2x4x2x2	4LB	#24003	\$3.95
115v	60Hz	470vct 40ma	4x2x2x2	8lb	6B2-3023	\$5.95
115	60	350 CT/26 MA	2x3x3x3	4	647-6762	3.95
115v	60Hz	60VCT 1 AMP	2x3x2x2	2LB	#3464936	\$2.95
115 V 60		880 VCT 260 MA	4x5x4x4	10	ORD-7629825	\$6.95
115 V 60		510 VCT 80 MA	4x3x3x4	10	N1774922	\$4.95
115	60	110V100MA, 50VCT	4x3x3x3	10	KAL#2334	6.95
95-260 V	8-STEPS	175 VCT 150 MA	4x5x4x4	15	229608-12	4.95
115	60	820VCT, 120MA.	4x4x4x4	10	0#7629831	6.95
120	60	750VCT, 12MA, 6.3	3x3x4	7	229613.28	4.95
115v/60Hz		405V TAPS/5V2A/400V10MA/	4x5x4; 12LB			
115-60		325 TAPPED 300 2x3x2x2	3	821-49-4		3.95
120	60	6.4/1A 3/6.4, 3A 2x3x2	1	645-0612		2.25
115	60	27V4.3A/2.6V3A. 5x5x5	15	D161915		9.95
115/60Hz		360V TAPS/7/332/346V. 125MA	228V.015			
105-60		6.3VCT 4.2A	4x5x3x2; 12LBS.		#7489394	\$3.95
125		6.3/8A/3A/1.5A	4x6x4	15	827-2133	9.95
115/230 V		800 VCT 120 MA	5x5x4x4	20	KS-9779	6.95
50-60 Hz		6.4 V 4.5 A; 5 V 2 A; 6.3 V 0.6 A				
115/60Hz		700vct .050A 5V3A	4x3x3x3; 9	LBS	#TF1A03Y	\$3.95
115 V 60 Hz		650 VCT 20 MA	3x2x2x4	10	#8734,	\$2.95
115	60	676 V 60 ma	11x8x6	35	#1000A-358	\$25.
115 V 50		990 VCT 71 MA	3x3x3x4	12	#3259,	\$7.95
2400 Hz.		6.5 VCT 5.4 A	5 V 2 AMPS.			
115	60	302 @ 100MA	3x3x3x2	5	899-4680	\$3.95
115/230		660CT @ 60MA	RD3x4x4	8	229608-110	5.95
50/60 CY		6.3 @ 5 A	(FOR TG-34 KEYS)			
115.	60	150V @ 500 MA	3x4x4x4	11	T127J387	5.95
115	60	510VCT @ 100 MA	3x4x3x3	7	229612.21	3.95

LOW VOLTAGE TRANSFORMERS

PRI	HZ	SECONDARY	SIZE	WT	STOCK #	PRICE
115v	60Hz	6v/1A 45vct/.5A	3x2x2x2	2LB	#1461312	\$2.95
115v	60	5.7 v. @ 21.8A	4x4x4x2	1LB	243-5754	\$9.95
230 v						
115	60	5/22 A 8500WV	5x9x4x4	4	645-6946	12.95
120v	60 Hz.	12.8vct 6A.	5x4x3x3	14LBS	583-1045	\$6.95
117v	60Hz	55v @ 60ma	3x2x2x2	4lb	5950-8419	\$2.95
117v	60Hz	5v @ 6A (1500rms)	4x3x3x3	9	ORD762812	\$2.50
115v	60Hz	6.5vct @ 24A/	6x5x4x4	20	647-6219	\$9.95
220v	60Hz	2.5vct @ 3A	4x3x3x3	9	THIR-8708	\$3.95
115v	60 Hz	6.3vct 1A.	2x1x1x1	8oz.	#118667	\$2.95
115	60	two 30 CT/15MA	2x2x2x3	5	648-4774	4.95
115	60	6 V 15 A/1.5 V 200 ma	3x2x2x3	8	M-1018A	\$4.
115	50-400	34/2.7 A	4x4x4x4	14	853-6026	\$4.50
115	50/60	51 @ 1.5 A	RD.4x2x2	6	869-2849	\$4.95
120v	6	3/6.3vct .6A	2x3x3x2	1LB	TF1A01YY	\$2.95
125		8.5 TAP 3.5V 1A				
117	60	31V @ 3.27A, 15.5V	3x4x4x4	10	5950-9195	\$3.95
215 V 60 Hz		2.5 VCT 10 A.;	4x3x3x3	12,	#2253	\$2.95

Pri: 115/230 VAC 60 Hz
Sec: 1475 VCT 505 ma, 1070 WV 6.4 V 14 amp 5.1 V 5 amp 62 V 150 ma 19.2 V 1 amp 5x4x7, 32 lbs. #TED-5694, \$20.

Pri: 115V50/60Hz Sec: 1860vct 130 ma. 1500 wv 5x4x4x8; 18 lb SMB202-909 \$15

Pri: 115V 60 Hz Sec: 1120 VCT 40C ma, 950 VCT 150 ma. 6x5x8, 38 lbs. #TRC-29/SMB-20291 \$16.95

Pri: 115 V 60 Hz Sec: 900 VCT 88.4 MA 5x3x4x4; 12 lbs. #746-7167 \$9.95

Pri: 115 V 60 Hz Sec: 4500 V 5 ma 5000 WV 5x3x4x4; 12 lbs. #TFA02YY \$12.95

ISOLATION

SOLA ISOLATION PRI: 118 SEC: 118 60HZ 50 WATT CONSTANT VOLTAGE 3x5x4; 10 LBS. SOLA NO. 21-197 UNUSED \$14.95

SOLA ISOLATION PRI: 95-130 V 60 SEC: 118 100 WATT CONSTANT VOLTAGE 5x8x3; 15 LBS. SOLA NO. 22-397 USED \$20.00

Pri: 115 V 60 Hz Sec: 730 VCT 230 MA; 5 V 3 A 5-1/8x5 4-1/8; 16 LBS. #193-8504, \$7.95

Pri: 115V 60 cyc Sec: 2 V 30 AMP 3x3x4; 4LB 5950-829-8618 \$2.95

FOR RA-62 RECTIF. USED TO POWER SCR-522 REC-TRANS PRI: 110/220 VOLT 40-60 CYCLE Sec: DC VOLTAGES 300 @ 230 MA BIASE 15 @ 8 " 13.4 @ 3.9 A. 6x5x8; 30 LBS. #3340-296-862-192 PRICE: \$7.95

ART-13 MODULATION

ART-13 MODULATION TRANSFORMER 50 WATT 300-4000 RESPONSE 2 DB PRI. TO SEC. 1; 1/.695. PRI. TO SEC. 2, 1/.254, Z PRI. 15000 Z SEC. 1 7300, TEST 4000 V. 4x3x2; 4 LBS. COLLINS#677N252 RE-MOVED \$3.95



PRI: 115 V. 50/60 SEC: 3/17 V. 5 AMP 28 V. 10 " WITH CAPACITOR REQ. VENTILATION 4x5x7; 20 LBS. GE- 9T91A4074 \$14.95

PRI: 115 V. 50/60 SEC: 100 VCT 1.5A 20 " 3.0A 2/20 V. 3.0A 35 V. 5.0A WITH CAPACITOR GE-9T91A4069 REQ. VENTILATION 5x6x7; 23 LBS. \$12.95



MODULATION TRANSFORMER WATTS: 40 RES. IMPED. PRI: 113 OHM 5700 SEC: 72 " 2280 FOR 2/807 TUBES 3x2x3 WT: 3LBS #22K9634.21 PRICE: \$3.95



MODULATION TRANSFORMER 100 Watt RESPONSE 200 to 5000 PRI: 7000 SEC: 7000 F/BC-191/375 TRANS. size 3x4x5 WT. 5.5 lbs. tock # 2c6191/T1 Price \$3.95



100 WATT MODULATION TRANSFORMER PRI: 7500 OHM CT 30,000 " SEC: 3000 OHM 35W 200 MADC 600 CT. 1 W RMS TEST 1, 2, 3 500 V. OTHERS 2500 V. 200-3500 CPS. 4x4x4; 11LBS #5950-646-3092 PRICE: \$4.95

FAIR 818 TRANSFORMER

PRI: 115 VOLT 60 HZ. SEC: 500 VCT. 80 MA. 24 V. 2 A. 5 V. 3 A. 2x3x2x2; WT: 3 LB. MADE FOR REC. BC-603-683 A. COMMAND, ARR15 ARB & OTHERS PRICE: \$10.75

TRANSFORMERS LISTED BELOW HAVE 115 VOLT 60 HZ PRIMARIES UNLESS OTHERWISE STATED

Sec: 18 V 5.4 A, 26 V 1 A, 6 V 900 ma, 25 V 500 ma, 35-10-0-35 V 5 A. 4x4x4x4, 16 lb #401-21 unused \$8.95

Sec: 40v 2.5A/6.3v 1.5A 3x3x5; 10 LBS. #43278 \$4.95

Sec: 125 v. 500 MA. 6.4 v. 3 A. SIZE: 3x3x3; 5 LBS. URC#46070-16 \$4.95

Sec: 30 vct 560 ma 40 vct 450 ma 2x2x2; 2 lbs. #401-6 \$3.00

Sec: 450 VCT 250 MA. 40 VCT 1 A; 2/6 V 1 A. SIZE: 3x3x4; 9 LBS. URC#702-704-00 \$6.95

Sec: 50V @ 100MA/3V @ 100MA/40V @ 1.5A/40V @ 200MA SIZE: 2x2x2; 2 LB. URC#372993-1 \$3.95

Sec: 40vct. 2A/40v2.15A 24.5v/1A/14.2v.4A/117 v. .05A 3x4x3; 10 LB #9807 \$6.95

22 VCT 75 A

PRI: 115 VAC 60 Hz SEC: 22 VCT 75 AMPS 5x6x6x6; 5M 46 LBS. #NCR8318001, \$35.00

24 V. 4 A.

PRI: 115 V. 60 HZ. SEC: 24 V. 4 AMPS. 3x3x3; 5 LBS. NEW #CARSON-4892 \$4.95

24/30/56 VCT

PRI: 115/230 v. 60 Hz SEC: 24 VCT @ 3 A. 30 VCT @ 3 A. 56VCT 3A. SIZE: 4x3x3; 12 LBS. HAMMOND#U45797-289.95

Pri: 115 VAC 60 Hz Sec: 560 VCT 50 ma 6.3 VCT 2 amps 3x2x2x2, 4 lb #7514 \$4

Pri: 115 VAC 60 Hz Sec: 900 VCT 160 ma 4x5x3; 8 lb #74618 \$4

22 VCT 3 A.

PRI: 105/115/125 V 60 HZ SEC: 460 VCT 255 MA; 5 VCT 3 A; 12.6 VCT 3 A SIZE: 6x4x4; 16 LBS #HE-131P, USED, \$5.95

Pri: 115 VAC 60 Hz Sec: 500 VCT 400 MA TAPPED ONE SIDE AT 50, 75, 120, 175 V.; 12.6 VCT 3 AMPS. SIZE: 4x3x4; 15 LBS #84103ADI, NEW, \$9.95

Pri: 115 VOLT 60 HZ. SEC: 130 VCT @ 200 MA SIZE: 3x2x2; 2 LB. URC#8316423 \$2.50

Sec: 26.8 vct 1 A. 2x2x2, 2 lb. #401-17 \$3.

Pri: 210-250 v. 50/60 Sec: 13.7 v. @ 1 amp. 6.3vct @ 4.75 amp 4x3x3; 10lb 229600-84 \$10.00

Pri: 230 VAC 60 Hz Sec: 6.3 V tapped 5.67 V 20 amps. 5x4x3; 7 lbs. #CS58590, \$8.95

SEC: 175 vct 100 MA. 75vct 200 MA. 80 vct 100 MA. & 5 v. 200 MA. SIZE: 3x2x2; 2 LBS. URC#720660-1 \$2.95

SEC: 60 VCT 1 A. 6.3 v. 100 MA. SIZE: 3x2x2; 2 LBS. URC#55-28224-1 \$2.95

SEC: 40 VCT 1 A. SIZE: 3x1x2; 1 LB. URC#56000 \$2.95

SEC: 24A/6.3 @ 100MA 24 @ 100MA. SIZE: 3x3x3 4 LB. URC-LT-646 \$4.95

SEC: 30 VCT 200 MA. 45 VCT 100 MA/2.5V30M. SIZE: 2x1x2; 1 LB. URC#374501-1 \$2.95

SEC: 40VCT. 2A/40v2.15A 24.5v/1A/14.2v.4A/117 v. .05A 3x4x3; 10 LB #9807 \$6.95

SEC: 520VCT 30MA/6.3V 2A. 3x2x2; 3LBS. 5950-646-5586 \$2.95

115 VAC 60 Hz

Sec: 32 volt center-tapped 5 amps. 3x3x2; 6 lbs \$7.95

Sec: 125 V tapped 90 volts 3 amp. 4x4x3; 10 lbs. #225-3992, \$12

22 VCT 3 A.

80 VCT 1.5 A.

PRI: 100, 115 V. 60 HZ. SEC: 22 VCT @ 3 AMP. 80 VCT @ 1 1/2 " SIZE: 3x3x3; WT: 8 LBS #3592890015 \$4.95

2000 VA SOLA CONSTANT VOLTAGE TRANSFORMER; PRI: 95/175/190 to 130/235/260 VAC SEC: 118/236 VAC 17/8.5 AMPS 20x9x10; 160 LBS. SH #23-25-220, USED \$250.

PRI: 110/115/120V 50/60 SEC: 720 vct. 200 MA. 6.6 " 10 AMP. 12.6 v. 3 " 5.25 v. 3 "

5x5x4; 28 LBS. 5950-193-8679 \$12.95

PRI: 115 VOLT 60 HZ. SEC: 35 vct @ 1 AMP. 6 v. @ 300 MA. SIZE: 2x2x3; WT: 3 LB. URC#1341155-2 \$2.50

Pri: 115 VAC 60 Hz Sec: 45 VCT 500 ma 6 V 500 ma SIZE: 3x2x2; 2 lbs. URC#203A6725-10 \$2.50

Pri: 115 VOLT 60 HZ. SEC: 115 " TAPPED @ 65 " 1 AMP. SIZE: 3x3x3; WT: 3 LB URC#105P10 \$3.95

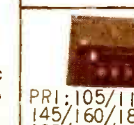
Sec: 500VCT 35MA/24V.9A 6.3v.9A/6.3v. 3A/4LBS. 3x3x3; #RM13-317 \$2.95



PRI: 115 v. 60Hz SEC: 1500v 300MA TAPPED 400 v. 4x3x4; 16LBS. #J-6035, \$12.95



PRI: 115 V 60CYC SEC: 850CT 280MA 280CT 10MA 5 V 5 A. 6.3 V 600MA 36 v 5 A. 5x5x7; 28 LBS. #5950-646-3943 \$6.95



PRI: 105/115/130/145/160/180/200/225/250 v 25-60CYC SEC: 780VCT @ 65MA. 2.5 v @ 2 AMP 6.3 v @ 4 " 5x5x4; 13 LBS. 229619-4 \$2.95

TRANSFORMERS

58VCT 8A

Pri: 105/110/115
60 Hz.
Sec: 58 vct 8 amp
20 " 500ma
4x4x3 1/2; 5 lbs
North-6012185 \$10

32VCT 8A

Pri: 105/110/115
50-60 Hz
Sec: 32 VCT 8 amp
4x3x3 1/2; 6 lbs.
North 6012143 \$6.



Pri: 115 V 60 Hz
Sec: 15 V 3 AMPS;
13 V 2 A;
6.3 V 7 A.

WITH CAPACITOR,
4x3x3 1/2; 13 LBS.
#PV-175-9, \$5.95

Pri: 115 V 60 Hz
Sec: 12.5 V 2 AMP
150 V 2 AMPS
4x3x3 1/2; 13 LBS
#773605, \$6.95



STEP-DOWN/STEP-UP
Pri: 208/240/416/
440 V 50-60 Hz
Sec: 74/96/120 V
6x6x7 1/2; 42 LBS.
#M93-104, \$25.00



Pri: 115/230 VAC
50-60 Hz
Sec: (12 V 14 A
by wiring 12 V
secondaries in
parallel) or
12 V 9 A, 12 V
3.2 A, 12 V 2
amps; also 44 V
2.5 amps.
5x4x4 1/2; 22 lbs
#P-601719, \$9.95



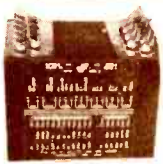
MICROPHONE TRANS
Pri: 40 OHMS
Sec: 75000 "
SIZE: 1x1x1 1/2
WT: 2 oz.
229986-2/RM-12
PRICE: 75¢



AUDIO MATCHING
TRANSFORMER 12
step primary
300 to 1500 ohms
secondary 8 ohms
2x3x2 1/2; 1 lb
URC-138226E \$2.50



Microphone
Transformer
Pri: 1 ohm
Sec: 2000
1x2x2 1/2
3T#229666A
Price \$.59



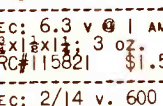
I-177
TUBE CHECKER
TRANSFORMER
SIZE: 4x4x4 1/2 5 LB
STK # 229613.667
PRICE: \$4.95



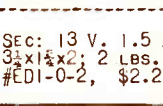
Pri: 26/115/230 V
60 Hz.
Sec: 13 V. 8 AMPS
TWO 230V WINDINGS
TO SUPPLY 370 VDC
600 MA.
5x5x5 1/2; 22 LBS.
229613.514 \$7.95



Pri: 115/230V 60Hz
Sec: 5 VCT 10 AMP.
3x5x3 1/2; 8 LBS.
#7346 \$4.95



ALL PRIMARIES
115 VOLT 60 CYCLE
Sec: 6V @ 500 MA.
1x1x1 1/2; 3 oz.
URC#1378648 \$1.25



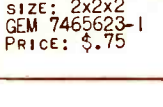
Sec: 6.3 V @ 1 AMP
1x1x1 1/2; 3 oz.
URC#115821 \$1.50



Sec: 2/14 V. 600 MA
2x1x1 1/2; 1 LB.
VARNEY 214/6 \$1.95



Sec: 2/30 V. 250 MA
2x1x1 1/2; 4 oz.
URC#60605 \$1.50



Sec: 13 V. 1.5 A
3x1x1 1/2; 2 LBS.
#EDI-0-2, \$2.25

LOW VOLTAGE TRANSFORMERS

ALL PRIMARIES 105/110/115
120/125 VOLTS 60 CYCLE.

Sec: 6.6 v. 18 AMP
3x5x4; 12 LBS.
GE#9T35Y159 \$4.95

Sec: 6.3 v. 30 amp.
6x4x4; 20 lbs.
#PT2564 \$9.95

Sec: 6.3 v. 5 amp. 8 KV insulatio.
5x3x3; 7 lbs.
#059-2414 \$5.95

Sec: 5 v. 6 amp. 2000v. test
3x2x4 1/2; 7lb ORD#629812 \$4

Sec: 6.3 v 20 amp. 5x3x4
9 lbs. 615-4271 \$7.95

Sec: 6.3-3.1a/6.3-2.5a/6.3
4.45a/6.3-3.0a/2-5.0a2 amp.
TF1A01JA \$3.95

Sec: 5vct @ 4a/5vct @ 2a/
6.3v @ 1a. 3x3x3; 8 lbs.
Bendix L217336 \$3.95

Sec: 3/6.3v@2a. 5v @ 3a.
3x4x3; sh. wt. 7 lbs
GE80G114 \$3.95

Sec: 2/6.3v @ 2a 2x3x2 1/2;
2 lbs. sh. #0555 \$3.95

Sec: 6.3 vct @ 3.4a/6.5vct
@ 13.7a/5.2v @ 6.3a/5.2v @
2.1a. 4x3x3 1/2; 15 lbs.
TRC-SMB-202910 \$6.95

Pri: 220 volt 60 Hz.
Sec: 6.3 " 20 amp.
4x3x3 1/2; 8lb. XA16809 \$7.95

Pri: 210/220/230/240v 60 Hz
Sec: 5 VCT 10 amp. Stand of
insul: 1 1/2". Wilcox 96C Trans
5x4x5; 10 lb.
229600.42 Kenyc 10694 \$10

Pri: 115 VOLT 60 Hz.
Sec: 850V 225MA.
500V 125MA @ 2/5.1V @ 3A.
6.3x2.5a/6.3v @ 1.25/6.3 @ 11A
6x6x3 1/2; 25 LBS.
#188-7474 \$9.95

Pri: 115 v. 60 Hz.
Sec: 900 vct 130 MA.
5x5x3 1/2; 13Lb. 229612-38 \$8

Pri: 115 VAC 60 Hz.
Sec: 2/150 V. 940 MA
5x4x3 1/2; 9 LBS. #U7450 \$10.

MICROPHONE TRANSFORMER
Pri: IMPEDANCE 50 OHM 30MA
Sec: IMPEDANCE 500 OHM
FREQ. RESPONSE 400-1900cps
SIZE: 1x1x1 1/2; WT: 8 oz.
\$1.00 T-204/PP-115

LINE TRANSFORMER INPUT
Pri: IMPEDANCE 500 OHM CT
Sec: " 500 "
FREQ. RESPONSE 600-12000cp
SIZE: 2x2x2; WT: 1 LB.
T-203/PP-115 \$1.50

Pri: 115 V
50-60 Hz.
Sec: 2000
VCT 500 MA
(700 MA INT)
7x5x5; SH.
WT: 32 LBS.
#SS-HW-201-P
Used, \$27.50

Pri: 7000 OHM CT
Sec: 265 " "
80 " "
ONE WINDING
POWER: 62.5 WATTS
RESPONSE: 1 DB
20-20,000 CPS
SIZE: 4x6x4; 20 LB
TF1A13MA \$4.95

HIGH VOLTAGE TRANSFORMERS

DC POWER SUPPLY
Pri: 115v 60 CY
Sec: -8000 v.
@ .25-1 MA.
-120v @ 15 MA
-24v @ 1.2 A
-16.v @ .45 A
SIZE: 4x4x9 1/2; WT: 15 LBS.
#GE9T63Y2280G03 \$14.95

IGNITION TRANSFORMER
GE# 9762Y4054
Pri: 120V 60H
Sec: 5000 V.
20 MA. CASE GN
SIZE: 5x4x3 1/2; WT: 13 LBS.
#5950-529-6870 \$9.95

Pri: 115 VAC 60 Hz
Sec: 900 VCT 250
MA.
4x4x3 1/2; 15 LBS.
#SS-S-P243, \$9.95

Pri: 115/230 v. 60 HZ.
Sec: 520 vct @ 90 MA.
6.3v/1 1/2 A. 6.3VCT 4A.
SIZE: 4x5x3 1/2; WT: 7 LBS.
#TBRX03LB/FGC-29 \$5.95

CHOKE FOR ABOVE 10/25 HY.
125/15 MA. 4x3x4 1/2; 4 LB6
#TFRX04LB/FGC-29 \$3.95

Pri: 115/230 V. 60 HZ.
Sec: 520 VCT @ 90 MA.
6.3V/1 1/2 A. 6.3VCT 4A.
SIZE: 4x5x3 1/2; WT: 7 LBS.
#TBRX03LB/FGC-29 \$5.95

CHOKE FOR ABOVE 10/25 HY.
125/15 MA. 4x3x4 1/2; 4 LB6
#TFRX04LB/FGC-29 \$3.95

Pri: 105-110-115
120-125
Sec: 560CT 75 MA
365 V 150 MA
TAP335 V
3x5x3 1/2; 8 LBS.
#TF1A02JA \$1.95

Pri: 105-110-115
120-125
Sec: 560CT 75 MA
365 V 150 MA
TAP335 V
3x5x3 1/2; 8 LBS.
#TF1A02JA \$1.95

RADIO INTERFERENCE
250 VOLTS AC/DC
3 AMPS. F-311/U
3x4x4 1/2; 12 oz.
SMSN N17S050968-
5555 \$3.95

FILTRON FA-380 3x10 AMPS.
28 VDC 3x3x1 1/2 \$2.50

CORNELL-DUBILIER NF10501
4 AMP 50VDC 2x2x2 1/2 \$2.00

TOBE FILTERETTE 1426, 7.5
AMPS 500 VDC 2x1x1 1/2 \$2

TOBE 1163FL-23 10 AMP 30 V
DC 2x2x1, W/BACKET \$2

SPRAGUE JX-51K 10 AMPS, 100
VDC. SIZE 2x2x1 1/2; \$2

Pri: 110/220/440 v
50/60 CYCLE
Sec: 24 v 6 AMP.
6 v 1 "

CIRCUIT RESET FOR
4 1/2" SQ. BX. MTC.
7x4x5; 10 LBS.
FOSTERD11586 \$6.95



Pri: 115 V 60 C
Sec: 6.3 V 3.6 A
15 V.004 A
15 V.004 A
Size: 3x3x3 1/2; 4 LBS
STK#ORD7629806
PRICE: \$1.50

CONSTANT VOLTAGE
TRANSFORMERS; 95
TO 130 VAC 60 HZ
PRIMARY; WITH
CAPACITORS. SOLA
AND OTHER MFGS.
REMOVED FROM E-
QUIPMENT.

Sec: 18 VDC 6 AMPS
Size: 4x3x5 1/2, 10LB
#21804 \$7.95

Sec: 24 VDC 5 AMPS
Size: 4x3x5 1/2 15LB
#22661-1 \$9.95

Sec: 25-27VDC 3.5 A
AMPS; 5x3x4 1/2 11LB
#22662 \$6.95

CONSTANT VOLTAGE
Sec: 6.5 v. 12 AMP
Pri: 95-130v 60 HZ.
Size: 9x4x4; 15 LBS
SOLA#302473 \$9.95



MAGNETIC
AMPLIFIER
115,400 cy/
HEATER/D.C
REFERENCE/
CONTROL.
KEARFOTT#425957-1A/SPERRY
622033. 3x2x2; 1 1/2 LB.
5950-712-3882 \$3.95

Pri: 2/115 VAC 50-60 Hz.
Sec: 5 VCT 2 A; 5 VCT 4 A;
6 VCT 3.5 A;
115 V RMS 600 MA.
Size: 4x4x3 1/2; WT: 15 LBS.
#89-G-2730, USED, \$4.95

MODULATION

36 V 65 AMP

Pri: 115 VAC 50-60 Hz
Sec: 36 V 65 amps
7x7x7 1/2; 50 lbs sh.
2Z9614-56 f/PP-34, \$35

Pri: 115 volt 60 Hz
Sec: 40-0-40 v. 180ma
3x3x5; 5lb
ORD-7629808 \$2.95

KLIENSCHMIDT#5399
Pri: 95/105/115/125/
190/210/230/250 60HZ
Sec: 2/4/6/8/v 225
ma. 90/100/110/225ma
115v@500ma. 4x5x4 1/2;
13 lbs \$9.95

400 HZ AUTOTRANSFORME
83-115 volt tapped
6.5w/11.8a/9v@15.5a,
117 v. 140 va. 4x4x4
10 lbs. #6167 \$5.00

ISOLATION 400 Hz 115 V 175
WV. Sec: 115 V 9 A. 1060 WV
7x4x5 1/2; 30 lb. #5095 \$25.

Pri: 1/2/4/10/20/
40/100/200/400/
1000/2000
Sec: 40 v. 100 MA
6x7x5; 20 LBS.
ESPEY T-41627 \$8

Pri: 115v 60 Hz.
Sec: 1300vct 100MA
6.3v 2A. 5v 2A.
4x3x3 1/2; 8 LBS.
URC#EK211-PAL18 \$8.95

Pri: 115v. 50-160 Hz.
810vct 125MA/570vct 75MA.
2/5v 2a/6.3v 3.25a/2/6.3.65
4x5x5 1/2; 18 LBS.
C-1367048 \$8.95

Pri: 115v 60 Hz
Sec: 24VAC 2.2 A.
3x2x2 1/2; 4 LBS.
#BE 8445 \$2.50

Pri: 115v 60 Hz
Sec: 24VAC 2.2 A.
3x2x2 1/2; 4 LBS.
#BE 8445 \$2.50

Pri: 115v 50-133cy
Sec: 20 VOLT LOAD
OR 12.5v @ 2 AMPS
MOUNTED ON 4" RO.
ELECT. BOX COVER
3x3x2 1/2; 2 LBS.
#FR-24960 \$1.25

PLUG-IN TRANSFORM
Pri: 115v 60Hz
Sec: 24V 20VA
2x2x2; 2 LB
BE#8002 \$1.50

MODULATION TRANSFORMER
Pri: 3000-3000
Sec: 4250 7.5 KV
Max. DC oper. 15 KV
13x10x10; 90 lbs.
American Trans.#31005
5950-228-0821 \$45.00

Collins 250 watt modul
ation, 677-1040-00
Pri: 12500 Sec; 5000
Test volts 7500
Responce 400-5000
9x9x9; 75 lbs.
5950-235-6857 \$39.50

Audio Development 6977
Modulation plate to
plate 15,800 ohms.
4500 .900a DC, 7500
.535ADC, DB 400-3000CFS
11x8 1/2x10 1/2; 110 lbs.
5950-568-4831 \$50

Pri: 120 V 60 cy
Sec: 2.5 V 10 A.
NO C.T. INS. 10M.
4x3x3 1/2; 8 LBS.
#229611.144
\$2.95

Pri: 115v 60cy
Sec: 375.5v
@.016A
7.1v @ 1.15A
2x3x2; 1LB
229619-62 \$2.95

Pri: 115v 60 Hz
Sec: 24VAC 2.2 A.
3x2x2 1/2; 4 LBS.
#BE 8445 \$2.50

Pri: 115v 60 Hz
Sec: 24VAC 2.2 A.
3x2x2 1/2; 4 LBS.
#BE 8445 \$2.50

Pri: 115v 60 Hz
Sec: 24VAC 2.2 A.
3x2x2 1/2; 4 LBS.
#BE 8445 \$2.50

Pri: 115v 60 Hz
Sec: 24VAC 2.2 A.
3x2x2 1/2; 4 LBS.
#BE 8445 \$2.50

Pri: 115v 60 Hz
Sec: 24VAC 2.2 A.
3x2x2 1/2; 4 LBS.
#BE 8445 \$2.50

CHOKES

12 HY 500 ma 77 ohm
5x5x5; 22 lbs #9230 \$10

10 HY 225 ma 78 ohm 500v
4x3x5; 12 lb #SC26009 \$6

4 HY 400 ma 35 ohm 1.07 kv
5x4x3 10 lb GE9T35Y231 \$6

4 HY 650 ma 25 ohm 1.07 kv
6x5x4; 20 lb GE7485547 \$9

10 HY 150 ma 130 ohm 1680w
2x2x2x5; 5 lb SMB-202915 \$4.

10 HY 400 ma 55 ohm 700 wv
5x4x6; 25 lbs LMB203042 \$7

10 HY 125 ma 2 KV 500 V to
gnd. 4x2x2x4; 6 lb #52-3 \$4

10 HY 225 ma 100 ohm 500 v.
4x3x5; 6 lb L86944 \$4

SWINGING CHOKE: 2.5-11 hys.
425-60 made 1525 pww 101b
5x4x3; GE#7415212 \$5.95

SWINGING CHOKE: 10-25 HYS.
125-15 ma. 1070 pww 9 lb.
3x2x2x4; #FGCT1RX041B \$4

140 HY 5V, 60HZ, 10MADC,
2700 OHMS, 2x2x2x3; 3 LBS
#HA-81C \$2.95

10-22HY @ 40MA, 475OHM, 1x
2x1x1; 1LB. #3C570 \$2.00

20 HY. 50 MA. 375 OHMS, 3x
2x2x2; 1LB. #3340-6428 \$2.25

10 HY. 50 MA. 100 OHMS. 3x
2x2x2; 1LB. 3C573/341 \$2.00

17 HY. 80MA. 300OHMS. 2x
2x2x2; 1LB.HR0-3C326-31A \$3.

8 HY. 100MA. 160 OHM; 3x
2x2x2; 3LB. TR-1024 \$3.00

10 HY. 100MA. 263 OHM. 3x
3x2x2; 3LB. #228-1859 \$3.25

10 HY. 120MA. 200OHM. 3x
2x2x2; 3LB.TF1A04YY-R060 \$2

150 MA AVAILABLE VARIOUS
HY TELL US YOUR NEED.

3 HY 350 MA 30 2K PV; 3x
4x2x2; 6 lb. L-225/PP115 \$3

5 HY. 400MA. 60 OHM. 4x5x
4; 12 LB. L217432-1 \$5.00

TELE. REPEAT
4 WINDINGS 21 OHMS EACH.
CROSS-TALK PROOF SHELL.
3C1327A 6x2x4; 3LB. \$3.00

4 WINDINGS, AUTOMATIC ELEC
D281723B 3x2x2; 2 LBS.
3C1400-6 \$2.75

10,000 VOLT

AMP P/N 845321-3
PRI: 115v 60Hz.
SEC: 10,000vac @00MA
5x5x4; 10LBS. \$20

SCOPE XFOMERS

PRI: 115 VAC 60 Hz-535 WV
SEC: 1850 V 7.1 MA RMS
Two 2.5 V 3 AMPS
5.71 KV WVM.

SIZE: 3x3x6; 9 LBS. SH.
#K56J54, UNUSED, \$7.95

PRI: 112/117/122V. 60 HZ.
SEC: 228V @ 15 MA.
360V @ 125 MA. TAPPED
#7V/332/346

6.6 V. 4.2 AMP.
5x3x3; 8LB.2Z9613-869 \$5

PRI: 115v. 50 to 1200 HZ.
SEC: 700VCT @ 70 MA.TAP.65
400V @ 10MA.5VCT.A.
6.3V @ 4A. & 6.3 V @ .6A.
5x4x4; 10 LBS.
CA.F-301538 \$4.95

PRI: 115/230 VOLT.
SEC: 54.4vct 2.5A
37.5vct 7.8A
36.5vct 2.3A
6x5x4; 20 LBS.
SCHOTT TY4RX020A
\$12.95

PRI: 117v 50/60
SEC: 6500vct
65MADC, 4350wv
5x6x7; 35LBS
539-6504 \$25.00

REFERENCE TRANSFORMER
PRI: 120 V. 55-65 HZ.
SEC: ALL IN BRACKETS
ARE SEPARATE WINDINGS
(2/30vct)(2/1vct)
(2/.2)(1.9 & .1)(2/3
& .1)(.1)(.38.1).28
2.7)(3.9)(4/1.7).18
2/4.2)(3.6/13/23.4/3.3/.5/
6.2)(78) END.8x7x5; 30LBS.
648-3793 \$20.00

10 HYS 500 MA
45 OHM DC RES
500 WORK VOLTS
#5950-646-1383
\$5.95

1.5 HY 1.5 AMP
5000 V. TEST
8x8x8x6; 1LB.
SHPG. WT: 60 LF
5950-159-6041
\$14.95

SWINGING CHOKE
12 hy 70 ma
5.5 hy 900 ma
50 ohms 115 v
60 Hz.
5x4x5; 301b
3340-8850 \$10

15 hy 100 ma
200 ohm 1600v
4x2x2x2; 61b
3TAM.1037 \$2.95

10 hy 250 ma
120 ohm 430wv
4x3x3x3; 8 lb
3C557231-1 \$5

20 hy 110 ma
1780 vt
3x4x3; 8 lb
UX-9121 \$2.95

6.7 hy 215 ma
2100 v rms
4x6x3; 12 lbs
N-163579 \$4.95

20HY 200MA
150OHM 60HZ
5360V MAX.W
5x4x5; 16LB
557-6198
\$15.00

3.5 HY 500 MA
100 V. 60 CYC
30 OHMS 715wv
4x5x3; 10 LBS
TF1A04KA/A8649
\$2.95

11 HY 120 MA
3x3x3x3; 6LBS.
#13639-S
\$1.95

5 HY 400 ma
50 ohm 2500vt
Size 6x4x4
wt: 13 lbs
#3521746 \$8.95

10 HY 225MA
25 OHM
3x5x5
WT. 11 LBS.
#TF1RX04YY
\$3.95

PRI: 115 VAC 60 HZ
SEC: 550 VCT 200 MA;
5 V 2 A; 6.3 V 3 A.
4x5x4; 15 LBS. SH.
#K-44J208, \$6.95

3 PHASE DELTA
60 Hz 400 wv
nominal 208 v
3phase
1940 wv
1370 v rms 52
ma rms per leg
5x5x4; 18 lb
686-6836 \$25

DUAL CHOKE
11 HY 100 MA
200 OHMS
4x4x5; WT 8
#3C557-1
\$1.75

CHOKE; 2.5 HY
700 MA; 16
OHMS. SIZE:
5x4-3/8x4; 4;
SH WT: 17 LBS
#147-1340,
\$3.95

PRI: 115 VAC 60 HZ
SEC: 280 VCT 75 MA; 13.5 V
1.2 AMPS; 5 VCT 3 A.
SIZE: 4x3x4-5/8; 16 LBS.
#193-8767 \$3.95

PRI: 220, 230, 240
SEC: 14v @ 5a
20v @ 5a
4x4x5; WT. 12 LB
CS8779A \$5.95

PRI: 0/116/120/
124v. 60CY.
SEC: 126v. 1.1A.
114v. 1.0A.
TF4RX01YY
8x5x4; .27 LBS.
K95-1476 \$7.95

PRI: 117v 50-60CY
SEC: 3/5v CT @ 2A
2/5v CT @ 2A
2/2.5v @ 10A
7x4x3; WT. 12 LB
GILFILLAN #54148-1
PRICE: \$5.95

PRI: 220/230/240V
50-60 CYC
SEC: 2.5v CT @ 10A
5x3x3; WT. 6LBS
5950-648-4773
PRICE: \$2.95

IGNITION TRANSFORMER
PRI: 230V 50/60 CY
SEC: 5000V 18 MA
ONE END GND.
6x4x3; 12 LBS.
5950-959-5869 \$7.95

FILTERS

ANTIQUE

MIGNON REGAL
TONE FILTER
HIGH PASS 40 HZ
APPROX. 600 OHM
INPUT W/0.8 MFD
CAP. TO 600 OHM
SPEAKER. 6 OZ.
SIZE: 2x3x3; 3x3x3
AGE WORN \$1.95

SONGBIRD TONE FILTER; LOW
PASS, OUTPUT DECREASING
ABOVE 1000 HZ., INPUT RESIST
DC 1400 OHM, OUTPUT RESIST
ANCE DC 1500 OHM. AGE WORN
SIZE: 2x3x3; 6 oz. \$1.95

BAND PASS FILTER
27.8 to 30.8 KC..
OPER. FREQ. 29.3
KC, INPUT IMP. 200
K OHMS OUTPUT 100
K OHMS. 2Z4376.28
4x5x3; 3LBS. \$2.95

DAVIS DIMMER
AUTO TRANSFORMER
230 VOLT 60 CYCLE
1 PHASE WITH 5
48 VOLT
CIRCUITS THAT
CAN BE VARIED 0-
48 V. MAX. 20 A.
TOTAL.
SIZE: 10x10x7;
SHPG. WT: 90 LBS
#GR-3 \$19.95

MULTI-VOLTAGE-
ISOLATION TRANS.
PRI: 73/88/95/105/
115/125/190/210/
230/250. 50/60 CY
SEC: 17.6/35.2/189
193/196/200/203
@ 1.6 AMP.
9x4x7; 40 LBS.
Z29619-6 \$14.95

18 hy 50 ma/2.5 hy 650 ma
440 ohm 2100 wv
6x6x5; 30 lb #6277 \$12

30/8 HY 10/130 MA DC CHOKE;
500 HYS RIPPLE, 150 OHMS;
1200 WV. SIZE: 3x4x3; 10
LBS. SH. #969-5721, \$2.95

115 VAC 60 Hz PRIMARIES
VARIAC 200B, 0-135 V @ 1.0
amp, used \$8.95
VARIAC or similar, 0-120 V
2 amps, used, \$14.95
STACO 300BU, 0-140 V @ 3.0
amps, used, \$14.95
POWERSTAT TYPE 21, 0-130 V
4.5 amps, used, \$20.95
VARIAC V20 or W20, 0-135 V
20 amps; w/knob, used \$45.
GE#9T92Y51, 0-240 V 30 amps
from 120/240 V 1 ph, \$100.

VARIABLE TRANSFORMERS

VARIAC 115 VAC 60 Hz 9 amp
ganged for two phase motor-
ized 115 VAC 60 Hz.
CN-54/FST-1, used, \$50.00
Less motor \$45. 1-sec. \$25.
POWERSTAT LW136, 30 V 25 A
or 15-0-15 V 35 amps output
from 120/240 VAC 50/60 Hz
input. 28 lbs sh. Used \$40.

VARIAC M20RE 120 VOLT 3504Z
20 AMP. MOTORIZED 115V400HZ
#5950-089-7734 NEW \$65.00
POWERSTAT 5-1066, 0-3.5 V
@ 2 AMPS FROM 12 V 60 HZ
INPUT, USED, \$2.95

VARIAC 200-CUH, 0-270 V @
2 AMPS FROM 230 VAC 60 HZ
INPUT, UNUSED, \$18.95

VARIAC M-5/RMS11-2, 0-135 V
@ 5 AMPS FROM 115 VAC 400
Hz INPUT, #7486, \$12.95

POWERSTAT, 115v. 400/800HZ
OUTPUT; 0-130V
7.5 AMPS,
0.975 KVA.
#5950-518-
2508, NEW
\$13.95

FU-235/U AC to DC CONVERTER, input
115 VAC 50/60 Hz single phase 29/31
amps, 3 H.P. 2800/3400 RPM.
Output: 28.5 VDC 42/52 amps 1.2/1.5
KW. W/meter, fan. 250 lbs. Used \$165

FU-175/U AC FREQUENCY CONVERTER, inpu
220/440 VAC 60 Hz 3-phase, 5 H.P.
Output: 120 VAC 400 Hz 3-phase 18/26 amps,
% pf 80. 225 lbs sh. Used, \$350.00

TRANSFORMER WITH
METER 0-100 AC
AMPS.
PRI: 115 vac 60cy
SEC: 10/14/19/24
W/ON-OFF SW. AND
FUSED LINE. 140 LB
SIZE: 16x8x15;
5950-537-4950
PRICE: \$39.50

PRI: 115 v. 60 CYC
SEC: 150v. 550 MA
150v. 2.0 AMF
5.0v 5.0 "M"
6x6x4; 28 LBS.
5950-
5950-481-3482
\$6.95

CHOKE
0.9 HY. 120 rZ.
0.8 to 1.0 A D-C
650 v. 8.5 OHM
4x5x3; 10 LBS.
645-1233 \$4.95

CHOKE
.045 HY 3.4 A D-C
.24 OHMS, 65V MAX
120 HZ. 3x4x3;
11LB. 4619 \$4.95

PRI: 120 v
60 CYCLE
SEC:
5.4v/2.7v
@15A
5vct
@15A
WITH
INSUL-
LATOR
& TUBE SOCKET C6
5x5x7; 15
5950-553-5572
\$14.95

VARIABLE TRANSFORMERS

KNOBBS FOR VARIACS
2-3/8" dia. fits
3/8" shft. w/ptr.
Lunitrol, \$1.50

4" dia. w/ptr. f/3/8"
dia. shft. Powerstat, \$2.95
3 1/2" dia. wheel w/pointer;
f/3/8 d. sh. Ohmite, \$3.95
4" d. wheel w/ptr. f/11/16"
d. shft. KNOB-35, used, \$3.
7 1/2" DIA. WHEEL-TYPE CONTROL
W/ALUMINUM POINTER; FITS
3" SHFT. POWERSTAT, \$5.95

DIAL PLATES, UNUSED.
4" DIA. 0-100 SCALE; 7/8"
DIA. CTR. HOLE, TAKES 3
SCREWS. #BP8087, \$1.00 EA
10" DIA. 0-100 SCALE; 1 1/2"
DIA. CTR. HOLE, TAKES 4
SCREWS. #BP653, \$2.50 EA

VARIAC OR RHEO-
STAT CAGE;
SLANT FACE,
8x7x7xH8 1/2
(BASE AND 1/2
DEEP TOP).
WITH 5/8" DIA.
0-100 DIAL PLATE, 3 BANANA
JACKS, RUBBER FEET. GREY.
OHMITE MFG. #6975, NEW, \$10.

Many other variable trans-
formers in stock, 60 and
400 Hz. WRITE us your needs.

CW-30983 VARIABLE TRANSFORM-
ER ASSY. PRIMARY 115/220/440
VOLT 1 PHASE 60 HZ. SECONDARY
VOLT 115 V. 1 PHASE 1 KVA.
IN CABINET W/ON-OFF SW. &
FUSED CIRCUITS. SIZE 20x15x
12; WT: 200 LBS. \$75

ANTENNAS

MP-22 MAST SECTION MOUNTING BASE WITH SWIVEL THAT WILL TIP TO 90 DEGREES, RIGHT OR LEFT AND WILL LOCK IN THE VERTICAL POSITION. WILL TAKE MS-53 OR MS-54 MASTS AS THE STARTING SECTION. MOUNTING PLATE SIZE: 5X6 HEIGHT OF BASE 10". WT: 10LBS. \$4.95

MP-22A SAME AS ABOVE EXCEPT THE STARTING SECTION IS MS-51 AND YOU CAN ADD MS-50 & MS-49. \$4.75

MAST SECTIONS (shown to left) 3 ft. painted, copper-coated tubular steel. Sections screw together to make desired length. With MS-49 as top--then MS-50, -51, -52, and -53. MS-53 can be screwed into another MS-53 for added length. (MS-53 also screws into MS-54, -55, & -56, none of which are available.) Sections self-supporting to 15 feet. Taper 5/8" to 3/16"; 1 lb sh wt per section. May need paint but usable. MS-49-50-51-52, used 75¢ ea. Unused \$1.25 MS-53 section, used \$1 each. Unused \$1.50

CW-206 ROLL BAG FOR MS-116-117-118 mast sections; 40" Lx3"Hx5"W, used, \$5.00

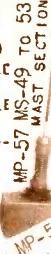


ADAPTER BASE WITH INSULATOR, MAST SECTIONS MS-52 OR MS-53 WILL SCREW INTO THE TOP, AND ADAPTER BOTTOM WILL SCREW INTO MS-52 OR MS-53. CAN BE USED TO ISOLATE SECTIONS OF WHIP OR DIPOLE. SIZE: 1 1/2" X 8"; 1 1/2 LB. NT-66023 \$1.95



B&W 1KW BALUNS, the missing link between balanced antenna loads and unbalanced feed lines. 4x4x4 1/2; unused. Model 702 (20 meters) \$6.95 #700 (10M) or #701 (15M) \$5

MP-57 MAST BASE WITH COIL SPRING & LARGE INS. FOR USE W/MS-49 TO 54 MAST SEC. LISTED TO LEFT, 1 1/2" X 4 1/2" IN INSULATOR, REQ. 2 1/2" HOLE MTG. (C-MP-50) \$10



MOUNTING BRACKETS F/AB-15 OR LIKE 2" DIA. ANT. BASE MP-432 SIDE MOUNT, 6x1 1/2 x 4 1/2; 8 LBS SH., \$3.95 #2Z1239-278 "L" MOUNT, 6x 9x5; 5 LBS SH., \$3.00

AB-15 BASE FOR WHIP ANTENNA SECTIONS MS-116-117-118 ALSO AB-21-22-23-24. SPRING ACTION WITH INSULATOR 3 1/2x3" AND COAXIAL CONNECTOR FOR USE WITH PL-259, REQUIRES 2" HOLE FOR MOUNTING. SIZE 15 X 3 WT: 2 LBS. \$4.95

WHIP ANTENNA MAST SECTIONS FOR USE WITH AB-15, MS-116 IS LARGEST, 39 1/2" L X .393" DIA.; CAN BE STACKED. MS-117 & -118 TAPER 39 1/2" L. MS-116 OR -117, \$2.50/SEC. MS-118 WRITE.

AS-313/ARN-6 LOOP ANTENNA; with motor and autotrans part of radio compass system that tunes from 200-1750 KHZ and operates from 26 volt 400 cycle. ID-91 INDICATOR is used with this system and is shown on page 9 Size 10x11x5; 15 lbs. used \$9.95

AS-27A/ARN-5 HORIZONTAL FOLDED DIPOLE as used with RC-103, BC-733, ARN-5 equip. on aircraft; 108-110 Mhz, \$10. **AT-2/AFN-2 DIPOLE ANTENNA**, 150-180 Mhz, \$4. **AT-438/GR DIPOLE ANTENNA**, 15" folded, takes PL-259 conn.; on insulated mtg. bracket. 8 lbs sh. Unused, \$15.



ANTENNA WIRE SOLID COPPER #10 VINYL COVERED, 250 FT #4884C \$29

MP-54 OFF-SET BASE FOR AB-15; OFF-SET 7" FROM BASE CTR. 1 1/2" H. #2A288A-35 \$7.95

20" DIPOLE W/14" SUP-PORT. 230-250 Mhz; 50 LBS LINE FEED. USES TYPE "N" CONNECTOR. #2A288A-35 \$4.95

VIS-O-GLOW NEON LIGHTNING ARRESTORS, #4392, \$1.00 EA.

MP-73 GROUND PLANE MOUNTING BASE DESIGNED TO BE USED WITH MAST SECTIONS AB-21, 22, MS-116, 117 THAT SCREW TOGETHER TO MAKE DESIRED LENGTH FOR FREQ. REQUIRED. HAS SO-239 COAX. RECEPTACLE AND PROVISIONS FOR MOUNTING TO POLE TREE OR CORNER OF BUILDING. THE MOUNTING HOLES FOR THE VERTICAL ANW. AND THE RADIALS ARE 5/16" DIAMETER. SIZE: 10X15X6; WT: 10 LBS. PRICE: NEW \$9.95



AB-21, 22 OR MS-116, 117

MAST SECTIONS ARE AVAILABLE NOW! **MS-51 MAST SECTION** SHOWN ELSE WHERE ON THIS PAGE WILL FIT BUT WILL HAVE TO BE FASTENED IN WITH BOLTS AND NUTS TO MAKE A GOOD CONNECTION. THE SAME GOES FOR AN-109 WHIP ANT.

AN-109 WHIP ANTENNA 5 FT. TAPERED 1/4 TO 1/8 W/3" SQ. BASE. \$1.50 EA. 4 FOR \$5.

AN-119 WHIP ANTENNA 6 FT. TAPERED 1/2 TO 1/8 THREAD 1/2"x20 \$1.50 EA. 4 FOR \$5.

AB-652 Whip Base f/RT-66-67 68-70 and R-108-109-110: accepts MS-116, \$5.00.

AT-272 GOOSENECK BASE 8" USED WITH FLAT ANT. ON PRC SETS. \$1.50 EA.

AT-272 FLAT ANTENNA 30" USED WITH ABOVE BASE FOR PRC SETS. \$1.50 EA.

MP-74 GOOSENECK BASE FOR MAST SECTION AR-23 OR MS-118, 14" LG. WITH SPADE TYPE BRACKET FOR SIDE MOUNTING. \$1.50 4/\$5.

M-422 ADAPTER FOR USING MS-116-117-118 OR AB-21-22-23-24 MAST SECTIONS WITH BC-1000 & PRC SERIES SETS IN THE LONG ANTENNA RECEPTACLE. 7 1/2" LG. \$1.50 EA 4/\$5.

FIBERGLASS WHIP ANT. 82" LG. FOR 27 TO 39 MHZ 1" SC. BOTTOM. (NOT AVAILABLE) #9735 \$5.00

UPM-1 DIPOLE ANTENNA FOR USE IN THE 155 TO 235 AND 460-570 MHZ BANDS. BASE STANDS 21" HIGH FOR FLAT MOUNTING ALSO HAS ADJUSTABLE BRACKET FOR POLE MOUNTING.

AT-50 FOR USE IN LOW BAND \$14.95

AT-51 FOR USE IN HIGH BAND. \$14.95

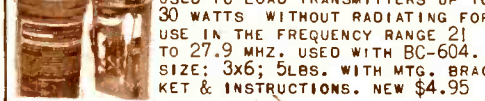
AT-598 ANTENNA TAPERED 30" LG. WITH CAST BASE AND COAX. RECEPTACLE FOR UG-100 A/U CONNECTOR. \$1.50 EA. 4/\$5.00

MATCHING COAXIAL LINE WITH 2/UG-100A ON 14" OF RG-14 \$3.00

AN-20T ANTENNA TELESCOPING 20" EXTENDED, 8 1/2" COLLAPSED, CHROME. 50¢ EA. 5/\$2.00

GOI-51048 TELESCOPING WHIP ANTENNA 15" COLLAPSED 7" EXTENDED. \$1.50 4/\$5.

A-62 DUMMY LOAD FOR ANTENNA; USED TO LOAD TRANSMITTERS UP TO 30 WATTS WITHOUT RADIATING FOR USE IN THE FREQUENCY RANGE 21 TO 27.9 MHZ. USED WITH BC-604. SIZE: 3x6; 5LBS. WITH MTG. BRACKET & INSTRUCTIONS. NEW \$4.95



210 TO 620 MHZ DIPOLE

AT-880 DIPOLE ANTENNA WITH CORNER REFLECTORS AND TWO FREQUENCY BANDS: 210-420 Mhz (LO) AND 390-620 Mhz (HI).

300 WATTS POWER RATING; LESS THAN 2/1 SWR OVER RANGE. INPUT IMPED: 50 OHMS. ADJUSTABLE ELEMENTS SPREAD FROM 12" L X 7" W TO 21" L X 15" W.

DIPOLE STANDS 14" OF MOUNTING BASE. TWO REFLECTORS ARE AT 45° ANGLE TO DIPOLE, 32" HIGH AND 40" ACROSS. FOLDS TO 32x7x30. MOUNTS ONTO 2" DIA. MAST; 35 LBS. SHIPPABLE VIA BUS OR TRUCK ONLY. USED, \$24.95; UNUSED, \$35.00

AB-101 MAST SECTIONS FOR ANTENNA SUPPORT. STEEL MAST 2" OD. 518" LG. SWAGED END AND LOCKING DEVICE. SOLD ONLY IN SET OF SEVEN WITH CARRY. WEIGHT 100 LBS. PRICE USED \$50.00

MX-364 INSULATOR, FITS OVER 1-3/8" DIA. MAST OTHER END 1-3/8" OUTER DIA. \$1.95

AB-154 BASE WITH SWIVEL STAKE, 1-3/8" DIA. SLIPS INTO MAST SECTION. \$1.95

MX-857 ADAPTER, FITS OVER 1-3/8" DIA. MAST F/USE OF MS-116-117-118 WHIPS. \$1.95

MX-GUY ROPES ARE 3/16" NYLON, 800 LB. TEST, W/ADJUSTMENT HARD. INSULATOR & HOOK.

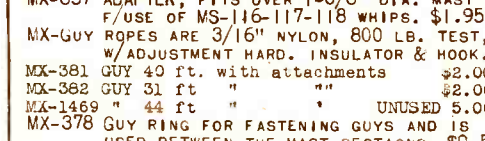
MX-381 GUY 40 ft. with attachments \$2.00

MX-382 GUY 31 ft " " " \$2.00

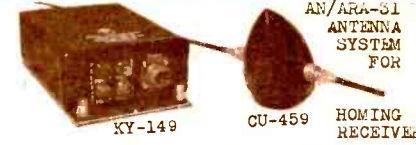
MX-1469 " 44 ft " " " UNUSED 5.00

MX-378 GUY RING FOR FASTENING GUYS AND IS USED BETWEEN THE MAST SECTIONS \$0.50

GP-2 STEEL GUY STAKE, 1 1/2" Lx3" DIA. 1-1/8" HEAD, 1-3/8" POINT. 2 LBS. 85¢ EA. 4 FOR \$3.



ARA-31 HOMING SYSTEM



AN/ARA-31 ANTENNA SYSTEM FOR **CU-459 HOMING RECEIVER**

For use in the 24 to 49 Mhz FM range! Complete system consists of four AT-624 24" antenna elements, two CU-459 ant. element connectors, a KY-149 keying unit w/mtg. and one SA-474 switch box. BNC connections except for one reverse pole BNC. AN/ARA-31 w/manual, new, \$50. AT-624 antenna element, \$8.00 each. CU-459 antenna connector, \$5.00 each. SA-474 switching box, \$6.00 each. KY-149 keying unit, \$25.00 each.

AT-271/PRC WHIP ANTENNA, throw out type 8 1/2' 7 sections with spring loaded retainers cable to keep sections together in operating condition and folds when not in use. 2lbs. used \$5.

LM-21 AM LOOP ANTENNA; used with radio compass receiver system in the 200-1500 KHZ band. Has 24 v. 400 cycle motor for rotating loop and autotrans unit to transmit to I-82 or similar type indicators for direction. 30 lbs used \$25

AS-578/ARA ANTENNA for ARC-27, 34, 55 direction finding homing sets. used \$25

ANTENNA CHANGEOVER

MAGACRAFT #122RX-16; coaxial relay, 12-24 VDC SPDT with auxiliary SPST normally open 10-A. contacts, approx. 100 watts, 50 ohms. Has 2 RCA plugs & one SO-239 connectors. Encased with cover. 2 1/2x2 1/2x1 1/2, 2 lbs. sh. unused \$5

ANTENNA Relay; part of 30W 2 meter trans. SPDT with unused contact grounded, 60 vdc 15 ma. 4000 ohm coil. Three BNC connectors chassis, 2x1x2. unused #259-5165 \$7.95 2/\$15.00

WESTERN MICROWAVE ICL35A FERRITE ISOLATOR, 1.7 to 1.8 GHz; 17 db isolation loss, 0.7 db insertion loss. 2 watts ave. Has male and female type N conn. 2x3-3/8x1 1/2, \$15.

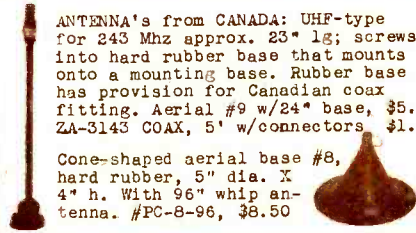
AUTOMATE COAXIAL SWITCH, MODEL 94CSA, used with above isolator. Two separate 28 vdc spdt coils, ea. one side norm. gnd. Two female TNC & one type N conn. Size 3 1/2x1 1/2x3 used \$12.95 w/isolator \$25

CHOPPER RF CHOPPER

AUTOMATIC DIRECTION FINDING ANTENNAS TO SAMPLE BETWEEN SENSE AND REFERENCE ANTENNA. USES TWO 100 HZ -5% COILS; CAN BE ACTUATED MANUALLY WITH DC VOLTAGES. HAS TWO UG-88 CONNECTORS ON 15" CABLES AND UG-290 BNC OUTPUT CONN. 4-3/8x3x2; SH WT: 3 LBS. REMOVED FROM EQUIP. #354-1013-00, \$2.95

ANTENNA'S FROM CANADA: UHF-type for 243 Mhz approx. 23" lg; screws into hard rubber base that mounts onto a mounting base. Rubber base has provision for Canadian coax fitting. Aerial #9 w/24" base, \$5. ZA-3143 COAX, 5' w/connectors, \$1.

Cone-shaped aerial base #8, hard rubber, 5" dia. X 4" h. With 96" whip antenna. #PC-8-96, \$8.50



CABLES

NEW COAXIAL CABLE



NEW MANUFACTURE AND BRANDED WITH STANDARD TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-BETWEEN LENGTHS USE THE HIGHER PRICE. LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

COAX #	Ohms	100 feet	500 feet	1000 feet	5000 feet
RG-8/U	52	.22	.21	.20	.20
RG-11/U	75	.20	.19	.18	.18
RG-58/U	53.5	.11	.10	.09	.09
RG-59/U	73	.12	.11	.10	.10

Prices subject to change without notice.

NEW COAXIAL CONNECTORS

SO-239 59¢ ea.	PL-259 65¢ ea.	CH-259 75¢ ea.	PL-258 JUNCTION \$1.25 ea.
10 or more 10 or more 10 or more 55¢ ea.	60¢ ea.	70¢ ea.	10 or more \$1.10 ea.
#83-876, two screw mount	#83-58FCP, short barrel	UG-536 "N" conn. for RG-58, 50¢	

COAX CONNECTORS

UG-18 new \$1.00	UG-710 new \$3.00
UG-27 used 1.25	UG-909 new 1.00
UG-27 new 2.00	UG-911 new 1.25
UG-29 new 1.50	UG-912 new 2.00
UG-30 new 1.00	UG-913 new 2.00
UG-36 new 6.00	UG-924 new 3.00
M-359 elbow used .40	UG-940 new 2.00
UG-88 USED .39	UG-943 new 3.00
UG-100 USED .75	UG-997 new 4.00
UG-100 PANEL .75	UG-1090 USED 1.50
UG-109 USED 1.00	UG-144 USED 3.00
UG/DA-113 NEW 5.00	UG-629 NEW 2.50
UG-160 USED 1.50	2176 NEW 3.00
UG-180 USED 3.00	C2365-3 NEW 1.50
UG-181 USED 3.00	3649-1 NEW 1.50
UG-201 NEW 2.00	6006 NEW .00
UG-212 NEW 3.00	6137 NEW 1.50
	6177 NEW 1.50
	6955 NEW 1.50
UG-260 used .50	8270-1 NEW 3.00
	8842 USED 1.00
UG-273 NEW 1.50	8576 USED 1.00
UG-274 NEW 2.00	9113 NEW 1.50
UG-282 USED 1.25	9192 NEW 1.50
UG-282 NEW 2.00	9196 NEW 4.00
UG-290 USED .50	9192 USED 1.50
UG-291 NEW 1.00	10442 NEW 1.50
UG-306 USED 2.00	10651 NEW 1.50
UG-567 USED 1.50	15601 NEW 1.50
UG-643 USED 1.00	30231-1 NEW 1.50
UG-535 USED 1.25	30232-1 NEW 1.50
UG-536 NEW 2.00	95712-30369 " 2.00
UG-560 NEW 2.00	18-30-1AS3 " 3.00
UG-573 NEW 2.00	83-877-1050 " 1.50
UG-603 NEW 2.00	10H528 NEW 1.00
UG-636 NEW 2.00	10H702 NEW 1.00
UG-701 NEW 2.50	10H1366 NEW 1.00

CONTROL CABLE

Stranded tinned-copper conductors, color-coded vinyl insulation. Gray jacket; unshielded. Add 10% to highest price for less than 100 feet.

Type Length: 100' 500' 1K' 5K'

4-Cond. 18 AWG, #/ft : .12 .10 .08 --

15-Cond. 24 AWG, " : .28 .24 .21 .18

TAP SWITCHES

OHMITE 608-4 TANDEM HEAVY DUTY TAP SWITCH, two decks with four taps each rated 300 VAC 100 amps. Shaft 3/8" dia. x 2"; o/a 6" dia. x 7" h. 12 lbs sh. Used, less knob, \$16.95

OHMITE 412-5 TAP SWITCH, 300 VAC 50 amps; 150 V. between taps. Five taps in 120 full rotation. 1/2" dia. shaft. Overall: 4 1/2" dia. x 2 1/2" h. 4 lbs sh. Used, less knob, \$6.95

OTHER OHMITE SWITCHES AVAILABLE. WRITE.

TAP SWITCHES, 120/240 VAC 10/5 AMP UNLESS OTHERWISE NOTED. 2 1/2" DIA. SHPG. WT: 1 LB. USED.

#AHH-23-10; TWO DECK, THREE POSITION. WITH KNOB, \$1.95

#AHH-230; 2-DECK, 3-POS. AND OFF; CONT. TURN. 15/10 AMP. L/KNOB, SHFT 3/16" D. x 1 1/2", \$2.25

#LOV-230; LIKE AHH-230, BUT SHFT 1 1/2" L. \$2.50

#AHH-33-10; 3-DECK, 3-POS., w/KNOB, \$2.75

#LOV-330; SAME AS LOV-230, BUT 3-DECK, \$2.95

#AHH-63-10; 6-DECK, 3-POS., w/KNOB, \$3.95

AHH-2V-3V TAP SWITCH; 3-POSITION WITH OFF. TWO-WIRE RATING: 120/240 VAC 30/15 AMP; THREE-WIRE: 15/15 AMPS. CASE SIZE: 1-7/8x 1 1/2x 1 1/2; WT: 1 LB. USED, WITH KNOB, \$2.95

ROTARY INDUCTORS

ROTARY INDUCTOR, 103 uHY; 61 turns of #10 tinned-copper wire form 8 1/2" L x 3-3/8" dia coil. Sliding contactor type; with coupler for 1/2" dia. shaft. Overall size: 8x8x14; Shpg. wt: 23 lbs. #939-16-LG, used, \$25.00

ROLLER INDUCTOR, 5.5 uHY; 11 1/2 turns #12 T-C wire in 1 1/2" L x 2" dia. coil. Roller contacts; less coupler. Shaft: 3/8" L x 1/2" dia. Overall size: 3x4 1/2x4 1/2; Shpg. wt: 8 lbs. #939-11.5-S Used, \$10.95

ROLLER INDUCTOR, 1.3 uHY; 5 1/2 turns #12 T-C wire in 1-1/8" L x 2" dia. coil. Roller contacts; less coupler. 3/8" L x 1/2" dia. shaft. Overall: 3x5x4; Shpg. wt: 8 lbs. #939-15-3M, used, \$6.95

ROTARY INDUCTANCE TUNER COIL THIRTY TURNS OF TINNED COPPER WIRE AROUND A 2" DIA. x 3" DIA. ISOLANTITE FORM; 23 U-HY 100 WATTS APPROX. 1/2" DIA. SHAFT FOR COUPLING. SIZE: 5x3x3 1/2; SHPG. WT: 3 LBS. #AC55471, \$10.

CERAMIC FLEXIBLE COUPLINGS, see page 29

100-TURN COUNTER WITH SPIN KNOB. THREE DIGITS: 000 TO 999. HAS COUPLER FOR 1/2" DIA. SHAFT; NO FRONT MOUNTING PLATE. OVERALL LENGTH: 6 1/2". DEPTH REQUIRED BEHIND YOUR PANEL: 4 1/2". 2 LBS. SH. #1323-COUN, \$5.95

618S-1 POWER AMPLIFIER from Collins 2-25 Mhz 100 W transceiver. Has 12.3 uHY roller inductor. Coil 3 1/2x1 1/2" dia. has 27 turns #14 silver-tinned wire; rotated by 115 VAC 400 Hz selsyn. Bands 2 to 3.75, 3.75-7.25, 7.25-14.25, and 14.25-25 Mhz switched by connection of 9 doorknob capacitors. Big silver contacts on ceramic switch. Uses 3/6159 tubes. 11x5x6, 10 lbs sh. #547-3496/618S-1, less tubes, \$25. With tubes \$36. Mating connectors, 2 required, \$2.50 each.

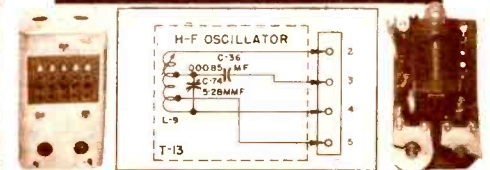
TRANSMITTING CAPACITORS

MICA TRANSMITTING CAPACITORS, G-SERIES TYPE IN USED OR UNUSED CONDITION DEPENDING UPON A VALUE'S AVAILABILITY. VARIOUS MANUFACTURERS. SATISFACTION GUARANTEED OR PURCHASE PRICE WILL BE REFUNDED. OTHER VALUES IN STOCK. WRITE.



TYPE	KV	MFD	KV	MFD
G1, 2 1/2" h x 2 1/2" dia., wt: 3 lbs.				\$12.50 ea.
1.0	0.04	6.0	0.0001	
1.5	0.08	6.0	0.00024	
3.0	0.02	6.0	0.0006	
4.0	0.0062	6.0	0.0047	
5.0	0.00015	10.0	0.00015	
5.0	0.01			
G2, 3 1/2" h x 3" dia., wt: 5 lbs.				\$18.50 ea.
2.0	0.03	10.0	0.0002	
2.0	0.045	10.0	0.00057	
10.0	0.00015	15.0	0.0002	
G3, 5" h x 4" dia., wt: 8 lbs.				\$27.50 ea.
2.5	0.15	14.0	0.002 pyrex	
5.0	0.02	20.0	0.000051	
6.0	0.006	20.0	0.00015	
G4, 5" h x 5 1/2" dia., wt: 12 lbs.				\$39.50 ea.
4.0	0.084	8.0	0.0012	
4.0	0.1	10.0	0.02	
6.0	0.024	15.0	0.01	
6.0	0.0373			
G5, 10" h x 6 1/2" dia., wt: 22 lbs.				\$59.50 ea.
10.0	0.02	35.0	0.0003	
15.0	0.0068	35.0	0.0004	
15.0	0.0082	35.0	0.0005	
15.0	0.01	35.0	0.0015	

NATIONAL HRO COILS



INDIVIDUAL COILS for National HRO-5 receiver coil sets; replace faulty units or build your own coil racks. Please order by number. National mfg., unused, \$2.50 ea.; 4 for \$8.

KHZ	1st RF	2nd RF	MIXER	OSC.
50-100	#E112	E113/B143	E114/B144	—
100-200	—	E109/B139	B140	—
175-400	—	—	B112	B113
480-900	—	—	—	B117
900-2000	B118	B119	B120	—
2-4 Mhz	—	B123	—	—
4-7 " "	B126	B127	B128	B129
7-14 " "	B130	B131	—	B133/EE7
14-30 " "	B134/EE0	—	B136	B137

BC-610 TRANSMITTER PLUG-IN TUNING UNITS and COILS. Give stock #BC-610/unit #. 4 lbs sh.

#	Mhz	Price	#	Mhz	Price
TU-47	2.0-2.5	\$7.50	TU-51	5.0-6.35	\$7.50
TU-48	2.5-3.2	\$7.50	TU-52	6.35-8.0	\$7.50
TU-49	3.2-4.0	\$7.50	TU-53	8.0-12.0	\$3.95
TU-50	4.0-5.0	\$7.50	TU-54	12.0-18.0	\$12.00

C-389C 4.5-5.7 WVL \$6. C-447B 8-11 WVL \$6. C-389A " " NVL \$4. C-448B 11-14 " \$6. C-390C 5.7-8.0 WVL \$6. C-454 1.5-2.0 NVL \$8. C-447 8.0-11.0 NVL \$4.

OSCILLATOR AMPLIFIER ASSEMBLY; WITH 7268 KLYSTRON AND 2/717A TUBES THAT WERE DESIGNED TO BE USED IN 2800-3000 Mhz RANGE. WESTERN ELECTRIC ASSY. #D-150815 SIZE: 6x5x4; SHPG. WT: 7 LBS. PRICE: UNUSED, \$12.95

PARTS BONANZA

TU-10 TUNING UNIT for the BC-191/375 Xmitters is a bonanza of hard-to-find radio parts like M-0 and P-A grid coils and inductance tanks; 2/0.0004 mfd. 5 Kv mica caps; variable capacitors with 0.09" air gap, one each 19-116 pf, 8-26 pf, and 14-62 pf; 2 1/2" dia. vernier dial w/ ceramic coupling; right angle drive; and a 6-position antenna coupling switch. Size: 9x17x7 1/2, 18 lbs. sh wt. Unused, \$9.95

COAXIAL CABLE ASSY. REMOVED FROM TEST SETS AND EQUIPMENT. ALL GUARANTEED TO BE USEABLE.

RG-59, MALE/FEMALE "N" CONN. 50' #CG-357, \$3. RG-21 53 OHMS, UG-630 TO UG-626 37' \$3.50

RG-14 51 ohms w/UG-100 & UG-707, used 15'/\$10 RG-58 w/2 UG-188, 6'. CN-210, used \$2.


RG-26/U 48 OHM 30 FT. W/2-UG-34 CONN. \$4.95 RG-22/I 95 OHM 50 FT. NO CONNECTORS \$3.00

WIRE


AIRCRAFT TYPE WIRE, NYLON INSULATION, BRAID COVERING, 600V. 200 SILVER COATED WIRE/SHIELD

#22 STRANDED 100 FEET \$4.50 1000 FEET \$35.00 2/22 " " " 6.00 1000 " 50.00


#18 16/30 VINYL COVERED HOOK-UP \$2/c \$15/M FT



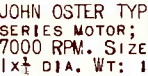
HAND-CRANK MAGNETO GENERATORS
OUTPUT APPROX. 100 VOLTS DEPENDING ON SPEED OF ROTATION. USED TO RING BELLS IN TELEPHONE LINES. CAN BE USED FOR WORM SHOCKER AND OTHER EXPERIMENT. SIZE 4x2 1/2 WT: 1 LB. COND. USED G-25 \$5.95 G-42 \$7.95




DC AIRCRAFT MOTOR; GE#5BA-50LJ29, 0.4 HP, 3000 RPM. ARMATURE: 60V. @ 2.3 AMPS FIELD: 27 VOLTS @ 6.5 AMPS DUTY: 10 MIN. @ FULL RATING. SHAFT IS CORKSCREWING. TYPE 5/8 INCH DIA. FLANGE MTG. 3/8 CENTS. BODY SIZE: 6 1/2 x 4 1/2 x 4 1/2 WT: 11 LBS. \$4.95



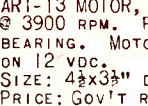
VARIABLE SPEED DRIVE CONTROL
USED WITH MOTOR AM No. E-85-132. GE#3S750RJ750A1, FIELD 100 VDC ARM., 140 VDC., 2.6 A INPUT 230 V. 50/60 HZ. 5 LBS GE#3S7505RJ750A1 NEW \$25.00




JOHN OSTER TYPE C-24A-1B KS-5829 SERIES MOTOR; 27 VDC, 0.01 HP, 7000 RPM. SIZE: 3x2 DIA.; SHAFT: 1x1/2 DIA. WT: 1 LB. UNUSED, \$1.25



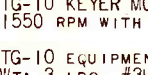
GE#5PR56HCM 110 v. 2.3 A. 8000 RPM. INT. 1/10 H.P. 50/60 CYC. REV. SIZE 3x5, SHAFT 3/16x1 STK.#3H3000B2 5 LBS. N.\$12.95
DICTAPHONE #7CB-2P; 115 v. 60 c 1/60 RPM. 1740 RPM, SIZE 3x3, SHAFT EA. END 1/2x2, 2LB.N \$9.95




ART-13 MOTOR, 28 VDC. .05 HP @ 3900 RPM. REVERSIBLE; BALL BEARING. MOTOR WILL OPERATE ON 12 VDC. SIZE: 4 1/2 x 3 1/2" DIA. WT: 1 1/2 LB. PRICE: GOV'T RECONDITIONED \$2.95




DELCO MOTOR A7155 27.5 VDC 2.4 AMP. 1/30 HP 3600 RPM. SIZE: 5 1/2 x 2 1/2 DIA. SHAFT 1 1/2 DIA. WT: 1 1/2 LB. UNUSED \$2.95



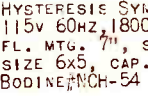
TG-10 KEYER MOTOR, 115v. 60 HZ. 1550 RPM WITH 1-7/8" SHAFT REMOVED FROM TG-10 EQUIPMENT. SIZE: 3 1/2 x 3 1/2 x 4 1/2 WT: 3 LBS. #3H3000-3 Used \$2.95




28 VDC 12000 RPM MOTOR f/ARC-3 set. Removable worm gear; shaft 1x3/16" dia. 0/A 3" x 1 1/2" dia. #697-2644, \$5.95



HAND CRANK GENERATOR AS USED IN GIESON GIRL RESCUE TRANSMITTERS OUTPUT 28 VDC @ 175 MA & 300 V @ 30 MA. WHEN CRANKED AT 60 RPM GEAR RATIO APPROX. 72 TO 1. NO LEGS SEAT OR MOUNTING. #GEN/CRT-3 RE-MOVED \$10.00




HYSTERESIS SYNCHRONOUS MOTOR 115v 60Hz, 1800RPM, CONT. 1/8HP FL. MTG. 7", SHAFT 2 1/4" x 3/8 DIA. SIZE 6x5, CAP. ST. USED \$25.00. BODINE#NCH-54 OR EQUAL \$25.00



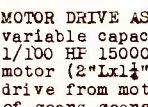
RECORDER MOTOR, 115 v. 60 CYCLE CAP. REQ. 4 MFD. INT. DUTY. 900 & 1800 RPM. 3.5/2.5 HP OZ. IN. MOTOR MOUNTED ON IN CLINE BASE THAT CAN BE REMOVED FOR FLAT MOUNT. 1/2" SHAFT AVAIL ABLE WITH OR WITHOUT CONE. MOTOR SIZE 4 1/2 x 3 1/2. REVERSIBLE DUAL SPEED. #HBC-2918-2N; 6 LBS. PRICES: WITH CONE \$5.95

HEINZ 1160039-C57; 115 v. 60 cyc. .7 A. 3500RPM MO. SIZE 3x3 1/2, SHAFT 1/2x3; 3 LB. CONT. N.\$6.95


EAD/WE KS-5718; 115 v. .27 A. 50/60 CYC. CAP. REQ. 4 MFD. DUAL SPEED 2750/3300 RPM. MO SIZE 3 1/2 x 3, 4 LBS. SHAFT 5/16x1, 1/50 HP. N.\$14.95



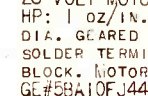
WE KS-5871-101 MOTOR, 28.8 VDC @ 3.3 A. 5600 RPM, 0.04 HP SERIES WOUND. CONTINUOUS DUTY; REVERSIBLE WITH SPEED GOVERNOR. (MAY ALSO OPERATE AT 12 VDC AT REDUCED SPEED. SHAFT 1/2x1, OVERALL SIZE: 6 1/2 x 3 1/2 DIA. SHPG. WT: 7 LBS. USED \$7.95




MOTOR DRIVE ASSEMBLY f/vacuum variable capacitor. Uses 1/100 HP 15000 RPM 28 VDC motor (2" I.D. dia.) Has worm drive from motor to a series of gears geared to a 2" lever arm with 1/2" vertical motion. Also has limit switches and Cinch DA-15 15-pin connector. O/A size: 6x 3 1/2 x 2 1/2, 3 lbs sh. #DRV501/CU991, used, \$7.95



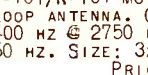
PD-5/ARA-19 TUNING DRIVE, p/o ARN-6 remote tuning system. Uses 27 VDC 250 RPM Delco FM motor. Also 10-turn 1000 ohm linear pot driven by gear from the motor. Output with female MC-124 spline shaft. Motor shaft 3/8" long X 1/8" dia. O/A 5 1/2 x 4 1/2 x 2 1/2, 4 lbs sh. Used, \$9.95 Mating conn. \$2.50; MC-124 spline, 20", \$1.50




28 VOLT MOTOR, 135 RPM; HP: 1 oz/IN. WITH 5/16x2" DIA. GEARED SHAFT; HAS 4 SOLDER TERMINALS ON 1x1 1/2 BLOCK. MOTOR SIZE: 5x1-7/8 DIA. WT: 1 LB. GE#5BA10FJ444 USED, \$7.95



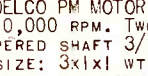
ARN-6 BANDSWITCH GEAR AND MOTOR ASSEMBLY, 28 VDC. BENDIX M-4A MOTOR. ASSY. SIZE: 1 1/2 x 2 1/2 x 3 1/2; MOTOR SIZE: 1 1/2 x 2 1/2 x 3 1/2; 3 LBS. \$2.95




B-701/R-107 MOTOR FROM AS-313/ARN-6 LOOP ANTENNA. OPERATES FROM 26 VOLT 400 HZ @ 2750 RPM. WILL OPERATE FROM 12 VDC 60 HZ. SIZE: 3x2 1/2 x 3 WITH 3/8" GEAR. WT: 2 LB. PRICE: USED \$3.95



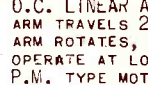
HOLTZER-CABOT #1981-HC 120 VAC 400 Hz GEAR MOTOR, 6 RPM with 40 oz.-in. torque. Shaft 1/2" long x 0.2" dia. Overall size: 2 1/2 x 2 1/2 x 3, 3 lbs sh. #1981-HC, unused \$14.95



DELCO PM MOTOR 5067125, 27.5 VDC, 10,000 RPM. TWO GOVERNORS, TAPERED SHAFT 3/16x1/16" DIA. MOTOR SIZE: 3x1x1 WT: 5 LBS. \$3.95



MOTOR W/RIGHT ANGLE SHAFT & MOUNT, 1/8 HP 230 RPM. SHAFT SIZE: 5/16" LONG X 3/8" DIA. CLEARANCE BETWEEN SHAFT AND MOUNTING ABOUT 1" REQUIRES 115 VAC 60 HZ @ 1.9 AMPS. SIZE: 7x3 1/2 DIA. WT: 15 LBS. ROBBINS & MEYERS #KL-H330, \$12.95




D.C. LINEAR ACTUATOR UNIT; ARM TRAVELS 2 1/2", AT END OF TRAVEL ARM ROTATES, 24VDC, 1AMP MAX, WILL OPERATE AT LOWER VOLTAGE. SIZE 3 1/2 x 7 1/2; 2 LBS. P.M. TYPE MOTOR ASSY. #554125 USED \$9.95

D.C. LINEAR ACTUATOR; 26 VDC 2A. 400 RPM. 45 OZ IN. TORQUE, APPROX. 2" ARM TRAVEL ON THREADED SHAFT, REQUIRES LIMIT SWITCHES, HAS NO PROVISION FOR OVER TRAVEL. HAS BRAKE FOR FAST STOP. SIZE 5x1 1/2 x 1. GE#5BA10FJ450 USED \$8.95



JOHN OSTER 10 CFM BLOWER WITH MOTOR C28P-1A. 27.5 VDC 0.01 HP, 6000 RPM. SIZE: 3 1/2 x 3 1/2 x 4 1/2 WT: 4 LBS. USED \$3.95

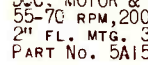


28 VDC BLOWER, 6200 RPM WITH THE OPTION OF EITHER A SHUNT MOTOR TYPE OR PM MOTOR. SIZE: 3x2 1/2 x 3 SHPG. WT: 4 LBS. \$6.95


Blower with PM motor \$6.95



D.C. MOTOR & GEAR REDUCER, 24-29VDC NO LOAD SPEED 225-275 RPM, 60 OZ. IN MAX. INTER. TORQUE, 2" FL. MTG. 3/16" SHAFT, MOTOR 2 1/2" LG. REVERS! PART No. Q-5A-1049 USED \$5.95



D.C. MOTOR & GEAR REDUCER, 26.5 VDC, NO LOAD 55-70 RPM, 200 OZ. IN. MAX. INTMT. TORQUE. 2" FL. MTG. 3" LG. 1/2" SHAFT, REVERSIBLE. PART No. 5A1514 USED \$6.95



VICKERS AR-10007G 115 VOLT 50/60 CYCLE SELENOID OPERATED AIR VALVE ONE INLET ACTUATES TUBE PLUNGER 1" STROKE. USED SIZE: 6x4 1/2 x 2 1/2; 5 LBS. \$18.00



AY-201 SYNCHRO CONTROL TRANSFORMER, ROTOR 1 PHASE 26 V., STATOR 11.8 V. 400 CYCLE. SIZE: 1 1/2 x 1 1/2; SHAFT 1/16x2. VARIOUS MANUFACTURE PRICE: REMOVED FROM EQUIP. \$4.00

AY-165 AUTOSYN DIFFERENTIAL, 400 CYCLE, 11.8 V. 3 PHASE ONE TO ONE RATIO. BENDIX & OTHERS. SIZE: 1 1/2 x 1 1/2. PRICE: REMOVED FROM EQUIP. \$2.95
AY-231 AND AY-232 SAME SPECS. AS ABOVE.

AY-123 AUTOSYN RESOLVERS; 400 CYCLE, ROTOR 2 PHASE 26 VOLT, STATOR 2 PHASE 11.8 VOLT. PRICE:

AY-177-B1 AUTOSYN DIFFERENTIAL 400 CYCLE 3 PHASE 11.8 V. TO 3 PHASE RATIO 1-1 SIZE: 1 1/2 x 1 1/2; SHAFT 1/16x1/16 PRICE: NEW \$2.95

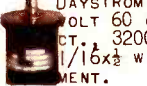
SYNCHRO GENERATOR SPERRY#R5663642, MFG. BY BENDIX. SIMILAR TO BENDIX AY-401-2, OPERATES FROM 26 VOLTS 400 CYCLE SINGLE PHASE WHEN USED IN CONJUNCTION WITH AY-201 CONTROL TRANS. IT WILL OPERATE UP TO 20 UNITS. SIZE: 2 1/2 x 2 1/2; WT: 12 OZ. PRICE: NEW \$2.95

SPERRY RAY-248, RCY-250, RBX-251, 662428, 662-426, 652174 AND OTHERS. PRICE: RE-MOVED \$2.95


HUGHES RESOLVER 810229, 810228, 810227 RM \$2.95 KETAY TRANSFORMER K-101300-20 RE-MOVED \$2.95
23CX4 TRANSMI. 115 v. 400 CYC USED \$ 8.95
23TX4 " " " " " 8.95

23CT4 CON/TRANS. " 400 " " " 8.95
23RS4A RESOLVER 90/90V " " " " 8.95
23CT6 TRANSFORMER 90/1V PER. DEG. "60CY 8.95

2JIHI SELSYN DIFFERENTIAL GENERATOR
NORMALLY OPERATES FROM 57.5/57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 26 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM ON PAGE 31. SIZE: 2 1/2 x 4 1/2; WT: 8oz. PRICE WITH CONNECTOR CAPS.....\$3.95

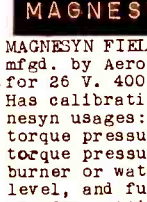


DAYSTROM TRANSCOIL CONTROL MOTOR 115 VOLT 60 CYCLE, 1 PHASE, 2 PHASE 200 VOLT CT., 3200 RPM. SIZE: 2 1/2 x 2, SHAFT SIZE: 1/16x2 WITH GEAR. REMOVED FROM NEW EQUIP. PRICE: \$5.00




GE SELSYN CONTROL TRANSFORMER 57.5/57.5 VOLTS 400 CYCLE. (WILL OPERATE FROM 26 VOLTS 60 CYCLE) SIZE: 2x2; 1 LB. PRICE NEW \$3.95

MAGNESYN TESTER

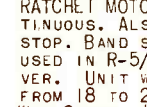


MAGNESYN FIELD TESTER, Type B-1 mfgd. by Aerosmith Instrument for 26 V. 400 Hz magnesyns. Has calibration charts for magnesyn usages: manifold pressure, torque pressure transmitters, torque pressure, fuel, oil, burner or water pressure, liquid level, and fuel flow. 3" indicator for setting electrical zero (EZ) and switch. Also short cable with male and female 4-pin connectors. Size: 6x10 1/2 x 5 1/2, 8 lbs. sh. Unused, not checked, \$25.00


LINEAR ACTUATOR, STAT. 200, TENS. 40, COMP. 40. ARM TRAVEL 5/16". MOTOR 115v. 400 HZ, 1600 RPM. DUTY 1/10, 0.04 HP. TORQUE: 6.7 IN-OZ. SIZE: 5x5x3 1/2 WT: 5 LB. AIRSEARCH#34930 USED \$3.95



LINEAR ACTUATOR, STAT. 200, TENS 75-100, COMP. 75-100. ARM TRAVEL 3/4". MOTOR 115v. 400 HZ., 0.025 HP 6500 RPM. DUTY 1/10, TORQUE: 3.9 IN-OZ. SIZE: 5x8 1/2 x 4 1/2 WT: 5LB AIRSEARCH#3D146-120 USED \$3.95



RATCHET MOTOR, 24 VDC 60 RPM CONTINUOUS. ALSO THREE POSITION STOP. BAND SWITCH ASSEMBLY AS. USED IN R-5/ARN-7 COMPASS RECEIVER. UNIT WILL ALSO OPERATE FROM 18 TO 24 VDC. SIZE: 3x4x1 1/2 WT: 2 LBS. #609-AR-1-7 \$1.25



REDMOND BLOWER MOTOR: 24 VOLT DC 6000 RPM MOTOR .96 AMPS, OVER-ALL SIZE 4 1/2 x 3 1/2 x 3 1/2; WT: 2LBS. #451-1085 UNUSED \$4.95

400 WATT TRANSMITTER



T-631/GRC-14 TRANSMITTER, 2 to 20 MHz 400 WATTS PEAK OUTPUT, 100 WATTS NOMINAL CARRIER. EMPLOY'S DECADE TYPE TUNING IN 100 HZ STEPS; WITH BANDS: (2-3), (3-6), (6-10), and (10-20 MHz) TRANSMITS AM PHONE, CW, or FSK. HAS AFC OR MANUALLY ADJUSTED VFO. FREQUENCY SHIFT OF 500 HZ. METER INDICATES FSK SYNCHRONIZATION. ALSO METERING FOR RF LINE and MANUAL TUNE. INPUT IMPEDANCE: 100 OHMS (MIC) or 600 OHMS (LINE). OUTPUT IMPED: MATCHED or 50 OHMS WITH RF TUNER BYPASSED. WITH 28 TUBES INCLUDING THREE 4X250F'S IN THE POWER AMP. SIZE: 13 $\frac{1}{2}$ x29x17 $\frac{1}{2}$; 230 LBS. SH. 157 LBS. NET. SEPARATE POWER SUPPLY PP-171I SUPPLIES VOLTAGES FOR T-631 FROM 115 VAC 60 HZ or 26 VDC AND 24 VAC. ALSO 115 VDC TTY LOOP OUTPUT. PP-171I SIZE: 10x29x17 $\frac{1}{2}$; 310 LBS. SH. USED. PRICE: T-631 XMITTER & PP-171I/GRC-14, \$250.



T-195/GRC-19 TRANSMITTER, 1.5 to 20 MHz IN TEN BANDS; TRANSMITS CW, VOICE, or FSK. MANUAL or AUTOMATIC TUNING. POWER OUTPUT: 90 WATTS (12-16 MHz), or 80 WATTS (16-20 MHz). ANTENNA INPUT: 50 OHMS. AUDIO: 600 OHMS. METERS FOR PA GRID and CATHODE CURRENTS, BATTERY VOLTAGE, and MODULATION LEVEL WITH 22 TUBES INCLUDING TWO 4X150D'S. REQUIRES 22-30 VDC 42 AMPS (9 A STANDBY). 11 $\frac{1}{2}$ x22x14 $\frac{1}{2}$; 150 LBS. SH. 122 LBS. NET. USED, REPARABLE, \$125. T-195B/GRC, P.U.R. R-392/URR RECEIVER, COMPANION TO THE T-195, 0.5-32 MHz IN 1 KHZ STEPS ON COUNTER DIAL. 24 VDC 3 AMPS REQUIRED. P.U.R.

MT-851 BASE FOR T-195 and R-392, 60 LBS. \$10. T-195 BATTERY CABLE WITH PLUG, \$4.95 T-195/GRC-19 MANUAL, \$7.50 R-392/URR MANUAL, REPRODUCTION, \$10.00 AN/GRC-19 OPERATOR'S MANUAL, \$3.00 AN/GRC-19 MANUAL, \$10.00

F-237/GRC BAND PASS FILTER 54-70.9 MHz, CONTINUOUS TUNING 250 KHZ. BANDWIDTH \pm 3 DB, 4.5 MHz \pm 40 DB. IN-OUT 50 OHMS IMP. REDUCES CROSS TALK SIZE: 11x11x5 $\frac{1}{2}$; WT: 15 LBS. UNUSED \$19.95

38 TO 54 MHz RECEIVER



R-110 RECEIVER 38 TO 54 MHz FM CONTINUOUSLY TUNEABLE, VARIABLE SQUELCH and AUDIO, OUTPUT IMPEDANCE 600 OHMS. 4.3 MHz. I.F. WITH TUBES 3/1U4, 2/1L4, 1A3, 2/3A5, 1S5, 2/3C4, 2/6AK5 & 0B2. VOLTAGES REQ. 135 VDC @ 70 MA. AND 6.3 VDC 2 AMPS. SIZE: 9x13x7 $\frac{1}{2}$; WT: 32 LBS. USED \$49.50

R-108 RECEIVER, SAME AS R-110 ABOVE EXCEPT 20-28 MHz. USED \$29.95

R-109 RECEIVER, SAME AS R-110 ABOVE EXCEPT 27-39 MHz. USED \$39.95

PP-282 POWER SUPPLY 24 VDC FOR R-108-109-110 RECEIVERS. MOUNTS INSIDE REC. USED \$5.95



SHOCKED-MOUNTINGS FOR GRC SERIES RADIO SETS. ALL HAVE APPROPRIATE CABLES & CONNECTORS THAT GO FROM THE MTG. TO THE SET & BATTERY, BUT THEY DO NOT HAVE JUMPER CABLE UNIT-1. MT-297/U HOLDS R/T, PS, REC., RT-70, AM-65, C434 SIZE: 3 $\frac{1}{2}$ x13x4 $\frac{1}{2}$; WT: 75 LBS. USED \$25.00 MT-298/U HOLDS TWO (2) R/T & TWO (2) PS. SIZE: 3 $\frac{1}{2}$ x13x4 $\frac{1}{2}$; WT: 85 LBS. USED \$20.00 MT-299/U HOLDS ONE RT-66, 67, or 68 & ONE PS SIZE: 18x13x4; WT: 50 LBS. USED \$25.00 MT-300/U HOLDS (1) RT-70 & AM-65 (PIGGYBACK) SIZE: 8 $\frac{1}{2}$ x13x3 $\frac{1}{2}$; WT: 25 LBS. USED \$20.00 MT-791/U NO CABLES, FOR SINGLE UNITS SUCH AS REC. MD. CV. GSA. PP. ETC. SIZE: 8 $\frac{1}{2}$ x13x3 $\frac{1}{2}$; WT: 18 LBS. USED \$15.00

RECEIVER-TRANSMITTER

RT-68/GRC RECEIVER-TRANSMITTER, 38 to 54.9 MHz RANGE CONTINUOUSLY TUNEABLE or 100 KHZ-STEP DECENT CHANNELS or TWO PRE-SET CHANNELS. RECEIVES AND TRANSMITS BOTH VOICE AND 1600 HZ RINGING FM SIGNALS. THE OVERALL COMMUNICATION RANGE IS FROM 10 TO 15 MILES. THE RECEIVER CIRCUIT IS A DUAL-CONVERSION SUPERHETERODYNE TYPE WITH THE 1ST IF VARIABLE FROM 4.45 TO 5.45 MHz AND THE 2ND IF FIXED AT 1.4 MHz. THE RECEIVER HAS A VARIABLE SQUELCH CONTROL and a 600 OHM OUTPUT IMPEDANCE. THE TRANSMITTER CIRCUIT USES A CRYSTAL-CONTROLLED OSCILLATOR and OSCILLATOR POWER AMP and PUTS OUT 2 WATTS ON LOW POWER VOLTAGE or 16 WATTS ON HIGH POWER VOLTAGES SUPPLIED FROM THE POWER SUPPLY SOLD SEPARATELY. THE RT-68 ALSO PROVIDES A METER and TEST SWITCH TO MONITOR TRANSMITTER POWER OUTPUT-FILAMENTS and the 90 VOLT INPUT. WITH TUBES 4/1U4, 2/1A3, 2/1L4, 4/1R5, 2/1A6, 1S5, 4/3C4, 3/3A5, 2/3B4, 3A4, 6AK5 and 2E24. SIZE: 9x13x11 $\frac{1}{2}$ WT: 42 LBS. USED \$75.00



RT-66/GRC RECEIVER-TRANSMITTER SAME AS RT-68 ABOVE EXCEPT 20-27.9 MHz RANGE. USED \$39.50

RT-67/GRC REC-TRANS. SAME AS RT-68 EXCEPT 27-38.9 MHz RANGE. REPARABLE \$49.50



PP-112/GRC 24 VOLT POWER SUPPLY FOR THE RT-66, 67 and 68 SERIES RECEIVER-TRANSMITTERS. THIS UNIT SUPPLIES ALL THE NECESSARY VOLTAGES FOR THE RECEIVER and TRANSMITTER CIRCUITS. INCLUDES LOW and HIGH POWER SWITCH FOR THE TRANSMITTER SECTION. SIZE: 9x13x7 $\frac{1}{2}$ WT: 38 LBS. USED \$25.00

PRC-10 RECEIVER-XMITTER

RT-176/PRC-10 RADIO RECEIVER-TRANSMITTER; PORTABLE UNIT OPERATING FROM 38 TO 54.9 MHz FM VOICE COMMUNICATIONS. THE RECEIVER SECTION HAS AN IF OF 4.3 MHz and an AUDIO OUTPUT IMPED. of 600 OHMS. TRANSMITTER OUTPUT IS 0.9 WATTS WITH A NORMAL RANGE of ABOUT FIVE MILES. MICROPHONE INPUT IMPED. 150 OHMS. BOTH RECEIVER and TRANSMITTER SECTIONS ARE CONTINUOUSLY TUNEABLE. WITH CONTROLS FOR VOLUME, TUNING, SQUELCH, POINTER ADJUST and DIAL LOCK. CONNECTOR FOR EXTERNAL SPEAKER. WITH TUBES 9/5678, 2/5672, 3/5676, 1A4 and 5A6. POWER REQUIRED: 135 VDC, 67 VDC and 1 $\frac{1}{2}$ VDC. LESS BATTERY/CASE, ACCESSORIES LISTED ELSEWHERE. SIZE: 9 $\frac{1}{2}$ x3x10 $\frac{1}{2}$ WT: 9 LBS. RT-176/PRC-10 USED \$29.50



RT-174/PRC-8, SAME AS PRC-10 EXCEPT 20.0 TO 27.9 MHz. USED-COMPLETE, NOT CHECKED, \$30.

RT-175/PRC-9, SAME AS PRC-10, EXCEPT 27.0 TO 38.9 MHz. USED, COMPLETE, NOT CHECKED, \$35.

AM-598 AMPLIFIER-POWER SUPPLY, USED WITH PRC-8, -9, -10 WHICH PLUGS INTO TOP. FUNCTIONS AS AN AUDIO AMPLIFIER and ALLOWS FOR 24 VDC OPERATION FOR THESE TRANSCIEVERS. WITH TUBES 2/26E6, 2/12AT7, 26Z5 and 0C3. 11 $\frac{1}{2}$ x11 $\frac{1}{2}$ x10 $\frac{1}{2}$; 38 LBS. SH. USED, \$24.95



ACCESSORIES

BATTERY CASE CY-744/PRC Used \$3.00 AT-272A gooseneck antenna base, unused \$1.50 AT-272 ribbon antenna section... Used \$1.50 SHOCKMOUNT for AM-598..... Used \$5.00 AT-271/PRC whip ant. 7-section, 8 $\frac{1}{2}$ ', \$4.95 M-29/U MICROPHONE w/UG-77 plug... Used \$3.95 H-33/PT HANDSET w/UG-77 plug as used with various GRC/VRC equipment..... Used \$5.95 LS-166/U LOUDSPEAKER w/UG-77..... Used \$9.95 GRC/VRC CONNECTORS, specify type and with what equipment used, \$3 each w/set purchase. CX-1213 CONNECTOR ASSY. f/RT70 to AM65, \$6. CX-1211 CONN. ASSY. f/RT66-7-8 to PP112, \$6. Connector assy. sold only with set purchase.

PRC-6 WALKIE-TALKIE



RT-196/PRC-6 FM TRANSCIEVER, single channel crystal-controlled in the 47 to 55.4 MHz range. Range: approx. 1 mile depending on terrain and conditions. Handheld unit has push-to-talk switch, volume control, ribbon antenna, carrying strap, and provision for H-33/PT handset. Uses type CR-23 crystal (not included or available). With tubes 6/5678, 3B4, 3/5672, 2/5676, and 2G21. Requires 1.5, 45, and 90 VDC. 15x5x4 $\frac{1}{2}$, 6 lbs sh. Used, \$18.95; MANUAL, \$7.50 BA-270 BATTERY for PRC-6: Checked, 8 hour life, \$8. Less than 8 hr, \$4. 1-cell dead \$2

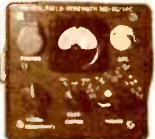
ID-292/PRC-6 CHANNEL ALIGNMENT INDICATOR, plugs into RT-196 and indicates relative level voltages for B+ filament, osc. injection, limiter, discriminator output, and P-A grid. Also P-A current and calibrate adjust. Unit is basic VTVM with 1 $\frac{1}{2}$ " sq. FS-500 ua-meter and 5678 tube. Power from set under test. ID-292, unused w/manual, spare 5678, \$22.95

GRC/PRC BATTERY TEST

AN/PSM-13 BATTERY TEST SET; DESIGNED TO CHECK GRC and PRC-TYPE BATTERY PACKS INCLUDING BA-270, -279, -376, -377, -386/PRC-25, -398/PRC-25, -399, and -505. METER INDICATES BAD-GOOD (FS=1 MA). WITH ADAPTERS U-240, -241, -242, -297, -314, -315, -346 and CANVAS CASE. SHPG. WT: 7 LBS. PRICE: USED, EXCELLENT, \$24.95



ME-61/GRC FIELD STRENGTH METER 1.4 TO 24 MHz IN THREE RANGES. WITH VARIABLE TUNING, SENSITIVITY CONTROL, 1 $\frac{1}{2}$ " SQUARE METER, PHONE JACK and ANTENNA. SIZE: 5x5x4 $\frac{1}{2}$ WT: 5 LBS. UNUSED, \$24.95



RT-70 RECEIVER-TRANSMITTER 47 to 58.4-MHz FM VOICE COMMUNICATIONS. FEATURES CONTINUOUS TUNING or TWO PRE-SET CHANNELS and PUSH-TO-TALK TRANSMISSION. THE RECEIVER CIRCUIT IS THE DUAL CONVERSION TYPE WITH THE 1ST IF 4.3 MHz and the 2ND IF 1.4 MHz. WITH VARIABLE SQUELCH CONTROL. 600 OHM AUDIO OUTPUT IMPEDANCE. THE TRANSMITTER CIRCUIT HAS A 500 MW OUTPUT and an AUDIO INPUT IMPED. of 150 OHMS. POWER REQUIRED: 90 VDC @ 80 MA, 6.3 @ 360 MA and 6.3 @ 160 MA. WITH TUBES: 6/1U4, 3/1L4, 2/1R5, 1S5, 1A6, 4/3C4, 3A5, and 3B4. RELATED ACCESSORY EQUIPMENT LISTED ELSEWHERE. SIZE: 4 $\frac{1}{2}$ x13x8 WT: 20 LBS. USED \$25.00



AM-65/GRC AUDIO FREQUENCY AMPLIFIER; THREE CHANNEL AUDIO FREQ. AMPLIFIER USED FOR INTERPHONE and MONITORING OF VARIOUS TYPE GRC REC-TRANS. POWER REQUIRED: 135 VDC @ 35 MA and 6, 12 or 24 VDC. SIZE: 4 $\frac{1}{2}$ x13x8 WT: 17 LBS. USED \$14.95



PP-282/GRC 24 VDC POWER SUPPLY USED WITH THE AM-65 and RT-70. THIS UNIT PLUGS INSIDE THE AM-65 and SUPPLIES THE VOLTAGES FOR BOTH AM-65 and RT-70. SIZE: 4 $\frac{1}{2}$ x6x3 WT: 6 LBS. USED \$5.95


COMBINATION OFFER

WHEN THE RT-70, AM-65 and PP-282 ARE PURCHASED TOGETHER. ALL THREE FOR \$35.00


TECH MANUALS WITH SCHEMATICS FOR:
RT-196/PRC-6... \$7.50
PRC-9A-10A \$7.50
RT-66, 67 & 68... \$5.00
RT-70... \$5.00
R-108, 109 & 110... \$7.50
AM-598... \$3.00
PP-109 & 112... \$5.00
AM-65... \$5.00
AN/VRC 13-15 or AN/VRC 16-18, CONTAIN INFO & SCHEMATICS ON RT-66, 67, 68, R-108, 109, 110, PP-109, 112, VAR. MTC. CONTROL BOX ES. \$7.50



R-394/U RECEIVER F.M. 152-172 MC.
SINGLE CHANNEL CRYSTAL CONTROL DUAL CONVERSION, CRYSTAL FREQ. RANGE 24.033 TO 27.7 THIRD OVERTONE, TYPE CR-32/U, I.F. FREQ. 7.8 MC & 455 KC. 15 KC DEVIATION, OUTPUT IMPEDANCE 8 OHMS, POWER 6 WATTS, SQUELCH AND MUTING CIRC. MODULAR CONSTRUCTION WITH PLUG-IN UNITS FOR EASY SERVICING.
1ST R-F AMPL. UNIT W/TUBES 1/5840 2/1A04.....LOCAL OSCILLATOR UNIT W/TUBES 2/1A04, 1/5678, 1/VR31-57831ST I-F 7.8 MC UNIT W/TUBES 3/5678.....2D I-F AND DISCRIMINATOR UNIT WITH TUBES 7/5678.....AUDIO AND SQUELCH UNIT WITH TUBES 3/5678, 1/5672, 1/6AK6 ALSO 455 KC SELECTIVE FILTER UNIT WHICH IS WIRED, NOT PLUG-IN. ILLUSTRATION SHOWS THE PLUG-IN UNIT AND THE COMPARTMENT WHERE THE POWER SUPPLY IS ALSO PLUGGED INTO. COVER IS SUPPLIED AND HELD IN PLACE BY A SPRING LOADED FASTNER.
POWER SUPPLIES, CONNECTOR, CONTROL UNIT AND OTHER ITEMS THAT ARE USED WITH THIS SET ARE LISTED ELSEWHERE ON THIS PAGE.
SIZE: 8 1/2 x 5 1/2 x 14 1/2; WT: 19 LBS.
PRICES: USED GOOD CONDITION.....\$14.95
GOV'T RE-CONDITIONED.... 22.50



R-257 RECEIVER 25 TO 50 MC FM
SAME AS R-394 RECEIVER ONLY DIFFERENT FREQUENCY RANGE. USES ALL THE SAME ACCESSORIES POWER SUPPLIES, TUBES ETC. SAME SIZE AND WEIGHT.
USED \$14.95



T-208/U TRANSMITTER F.M.
25 TO 50 MC 25 WATTS. SINGLE CHANNEL CRYSTAL CONTROL, 15 KC DEVIATION, VOICE ONLY TRANSMISSION. CRYSTAL UNIT CR-27/U, FREQ RANGE 1,562.5 TO 3125 KC. X 16 FOR ALL FREQUENCIES. 100 MV CARBON MIC. WITH TUBES 3/2E24, 1/3B4, 2/5672 4/5678 & 3/1A04.
VOLTAGES REQUIRED ARE AS SHOWN WITH DYNAMOTORS DY-93/12 V, DY-98/24 V. DY-100/6 V.
SIZE: 8 1/2 x 4 1/2 x 14 1/2; WT: 11 LBS. USED \$18.95

CHASSIS CONNECTORS TO FIT R-394, R-257, T-416 T-278, T-208 & SUPPLIES

TRANSMITTER PLUG P-401 CHASSIS CONNECTOR NO'S J-801, CANNON# DPD-A32C2-33S-2L \$2.50


RECEIVER PLUG R-252; CHASSIS CONNECTOR NO'S J-803, CANNON# DPD-A31C1-33S-2L \$2.50

POWER SUPPLY PLUG P-1203; CHASSIS CONNECTOR NO'S J-802, CANNON# DPD-30-33S-22 \$2.50

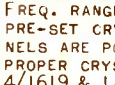
UG-77 PLUG ON 4 1/2 FOOT CORD.....\$1.00

H-33/PT HANDSET ON 4 1/2' CORD WITH UG-77 U \$9.95


RF MONITOR



ID-642/FSA RADIO FREQUENCY MONITOR, USES DIRECTIONAL COUPLER WITH IN-21B DIODE TO MONITOR RF VOLTAGE LEVEL. DC VOLTAGE IS AMPLIFIED TO TRIGGER A 24 VDC RELAY (6.5 MA 4PST) OVER A POWER SCALE OF 25-200. UNIT WAS PROBABLY CALIBRATED INTO A STANDARD LOAD. REQUIRES HN CONNECTORS. WITH TUBES: 2/0A2, 5751, 5670 6X4, AND TJ791K01 CURRENT REGULATOR. POWER REQUIRED: 115 VAC 60 Hz. SIZE: 11x19x10 1/2; SHPG. WT: 20 LBS. UNUSED, W/SCHEMATIC, \$12.95



BC-604 F.M. TRANSMITTER 30 W.
FREQ. RANGE 20-27.9 MHZ. 10 PRE-SET CRYSTAL CONTROL CHANNELS ARE POSSIBLE WITH THE PROPER CRYSTALS. WITH TUBES 4/1619 & 1/1624. VOLTAGE REQ. 12 OR 24 VDC & 625VAC @ 225MA. SIZE: 18x11 1/2 x 10 1/2; 60 LBS. PRICE: Unused, \$25.00



TELEGRAPH-TELEPHONE SIGNAL CONVERTER: CONVERTS 20 CPS RINGING SIGNALS TO 1225/1600 CPS RINGING SIGNALS AND CONVERTS 1225/1600 CPS RINGING TO 20 CPS. RINGING. POWER REQ: 115V 60HZ. W/2EA. 12AU7, 12AX7, 6AL5, 6X4
SIZE: 11x7 1/2 x 10 1/2; 18 LBS. TA-182 USED \$25.00



R-257 OR R-394 RECEIVER CHASSIS ONLY LESS ALL PLUG-IN UNITS AND FILTERS, WITH CONNECTORS & COVER. SHPG. WT: 10 LBS. USED \$4.95
R-257 OR R-394 RECEIVER PLUG-IN UNITS ONLY

MX-1547 RECEIVER RELAY SUBASSEMBLY \$4.95

1ST R.F. AMPL. W/TUBES 1/5840, 2/1A04 \$3.95

LOCAL OSCILLATOR W/TUBES 2/1A04, 1/5678 \$4.95


1/VR31-5783 & CRYSTAL. (NO CRYSTAL CHOICE)

2ND I.F. AND DISCRIMINATOR W/ TUBES 5678 \$3.95

1ST I.F. 7.8 MC. W/TUBES 3/5678 & CRYST \$4.95

AUDIO & SQUELCH W/TUBES 3/5678, 1/5672 AND 1/6AK6 \$3.95

SELECTIVE FILTER 455 KC. (NOT SHOWN) \$2.95



VIBRATOR TYPE POWER SUPPLIES FOR USE WITH R-394 & R-257 RECEIVERS. THE OUTPUT OF THE SUPPLIES ARE THE SAME AND ARE

155 VOLTS DC @ 15 MA.
150 " " @ 5 " "
140 " " @ 50 " "
-40 " " @ .5 " "
6.3 " " @ .45 AMPS.
6.3 " " @ 1.0 " "
1.4 " " @ 1.25 " "

PP-867/U 24 VOLTS DC @ 1.1 AMPS USED \$4.95


PP-868/U 12 " " @ 2.0 " " 9.95

PP-869/U 6 " " @ 3.7 " " WRITE AS TO PP-846/U 115/230 V 60 CYC 2 AMPS AVAILABILITY.


PP-504 115/230V. 60 CYCLE AC POWER SUPPLY FOR T-417, T-208 AND T-278 TRANSMITTERS.

WRITE AS TO AVAILABILITY AND PRICE

C-844/U CONTROL UNIT FOR OPERATION OF RADIO SET FROM REMOTE POINT. USED \$14.95




C-847 RADIO CONTROL BOX; USED TO CONTROL THE SYSTEM, HAS HEAVY ALNICO MAGNET 4" SPEAKER FOR MONITORING REC. CONTROLS FOR SQUELCH, VOLUME ON/OFF SW. PILOT LIGHTS AND RECEPTACLE FOR H-33 HANDSET WHICH HAS UG-77
SIZE: 9 1/2 x 5 1/2 x 3 1/2; WT: 6 LBS. USED \$8.95
H-33/PT HANDSET WITH CORD & UG-77 " 5.95




DY-93 DYNAMOTOR POWER SUPPLY
INPUT: 12 VDC @ 20 AMPS.
OUTPUT: 380 VDC @ 180 MA.
225 VDC @ 45 MA.
-25 VDC @ 5 MA.
USED WITH T-208 & T-278 TRANS.
SIZE: 8 1/2 x 7 x 14; WT: 27 LBS.
PRICE: USED \$9.95

TRANSMITTER RECEIVER




RT-53/TRC-7 RECEIVER-TRANSMITTER; 100-156 MHZ, A.M. VOICE, 1.5 W CRYSTAL CONTROL ON 2 PRESELECTED CHANNELS, 1 1/2" METER, PHONE, MIC. & MONITORING JACKS, VOL. CONTROL ETC. WITH TUBES 3/1A85, 3/1L4, 1/1S5, 5/3A5, 1/1L43, 1/304 & 2/3A4. VOLTAGES REQUIRED 90 VDC, 60 VDC & 4 1/2 VDC. SIZE: 11 1/2 x 5 1/2 x 13 1/2; 15 LBS. USED \$24.95


PRC POWER SUPPLY




PP-351 POWER SUPPLY, DESIGNED TO PROVIDE REGULATED DC POWER FOR TESTING PRC-6, -8, -9, -10; SCR-510, -610; AND BC-1000 MANPACK TRANSCIEVERS. HAS METERING FOR EACH OF FIVE VARIABLE OUTPUTS. INPUT/OUTPUT CABLES NOT AVAILABLE. POWER REQUIRED: 115/230 VAC 50-60 Hz. 25x11 1/2 x 14 1/2; 150 LBS. SH. USED, \$45.00



**AN/GRR-5 RADIO RECEIVING SET FOR USE IN THE 1.5 TO 18 MHZ RANGE, 4 BANDS 115 VOLTS 50 OR 60 CYCLE, 6, 12, 24 VDC OR DRY CELL BATTERIES 90 AND 1.5 VDC. CAN BE USED FOR OPERATION THE SET CONSISTS OF THE R-174 RECEIVER WHICH IS A SUPERHETRODYNE RECEIVES AM, CW AND MCW SIGNALS, WITH CONTINUOUS TUNING AND FACILITIES FOR PRESETTING ANY 10 CHANNEL FREQ., 200 KHZ CRYSTAL CALIBRATOR, 455 KHZ IF WITH TUBES 1/3V4, 3/1R5, 3/1L4 & 1/1U5. THE OUTPUT OF THE REC. IS FEED INTO A HEAVY DUTY 4" SPEAKER THAT IS PART OF THE PP-308 POWER SUPPLY AND TO OUTPUT PHONE JACKS ON THE REC. PP-308 POWER SUPPLY FURNISHES ALL THE VOLTAGE REQUIRED WHEN ANY OF THE POWER SOURCES ARE APPLIED AS STATED ABOVE AND IT ALSO CONTAINS THE SPEAKER. BOTH UNITS ARE MOUNTED IN A TWO COMPARTMENT CABINET THAT IS SHOCKMOUNTED. PP-308 IS SUPPLIED WITH TUBES 2/6AG7, 1/1007 & 1/0B2.
SIZE: 13 1/2 x 8 1/2 x 12 1/2; WT: SHPG. 75 LBS. ACTUAL 62
Price: Used reparable \$49.50; Checked \$79.50
POWER INPUT PLUG, \$3.00 with purchase of set.
DC cord, 10 foot, \$1.50; MANUAL, \$7.50**




CY-938 ELECTRICAL EQUIPMENT CABINET; USED TO HOUSE RECEIVERS R-394 OR R-257, TRANSMITTERS T-208 OR T-278 AND POWER SUPPLIES DY-93 OR DY-98 OR DY-100 FOR THE TRANSMITTERS.
SIZE: 17 1/2 x 11 1/2 x 25; WT: 33 LBS.
PRICES: USED \$7.95



T-278/U TRANSMITTER F.M.
152 TO 174 MC APPROX. 30 WATTS, CRYSTAL CONTROL ON ANY TWO (2) PRESET FREQ. PHASE SHIFT MODULATION 15 KC DEVIATION, CR-27/U CRYSTAL UNIT FREQ. RANGE 4750-5437.5 KC. MULTIPLIED 32 TIMES. WITH TUBES 2/3B4, 3/2E24, 4/5678, 2/5672 AND 2/1A04.
VOLTAGES REQUIRED AS SHOWN WITH DY-93 DYNAMOTOR ELSEWHERE ON THIS PAGE. USED \$18.95
SIZE: 8 1/2 x 4 1/2 x 14 1/2; WT: 12 LBS. UNUSED \$24.95

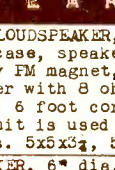


CX-2371 CABLE ASSEMBLY USED FOR CONNECTING R-394-257 REC. T-208-278, 416, 417 TRANS. TO THE VARIOUS CABINETS SO THE UNITS CAN BE SERVICED OUTSIDE THE CABINETS.

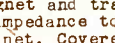


PP-638/U POWER SUPPLY USED WITH AM-494 & AM-495 POWER AMPLIFIERS. INPUT 115/230 VOLTS 50/60 CYCLE, OUTPUT 1100 VDC @ 320 MA, 230 VDC @ 60 MA AND 6.3 VAC @ 5.2 A. 2 1/2" RUGGEDIZED METERS 50 MADC 500 MADC AND 1.5 KVDC ALSO BLOWER FOR COOLING. UPPER COMPARTMENT SIZE 15Wx 9 1/2 H x 8 1/2 D.
SIZE: 31 1/2 x 20 1/2 x 24 1/2; WT: 150 LBS.
PRICE: RE-NEW \$100.00

SPEAKERS



LS-166/U LOUDSPEAKER, housed in cast-aluminum case, speaker is 4" dia. with heavy-duty FM magnet, 600 ohm matching transformer with 8 ohm output and HI-10 switch, 6 foot cord with UG-77 connector. Unit is used with most GRC/VRC radio sets. 5x5x3 1/2, 5 lbs. Used, \$9.95



LS-3 SPEAKER, 6" dia. speaker with permanent magnet and transformer for upto 8000 ohm impedance to voice coil. Housed in 8 1/2 x 5 1/2 x 8 1/2 steel cabinet. Covered jack f/PL-55. 8 lbs. Used, \$15.

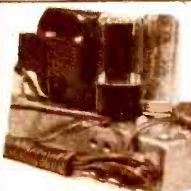


RECEIVER POWER SUPPLIES AND SPEAKER FOR THE FOLLOWING:
 R-23/ARC-5 BC-453 BC-342
 R-24/ARC-5 BC-454 BC-344
 R-25/ARC-5 BC-455 BC-348
 R-26/ARC-5 BC-946 BC-429
 R-27/ARC-5 R-108,109,110

COMPLETE WITH DYNAMIC SPEAKER HOUSED IN A METAL CABINET WITH CONNECTING CABLE, PLUG, PHONE JACK, VOLUME CONTROL, BFO SWITCH, ETC. IF APPLICABLE. CAN ALSO BE USED FOR OTHER SETS. OUTPUT: 200/250 VDC @ 90/60 MA AND 24 VAC @ 2 AMPS. INPUT: 115 VAC 60 HZ.

PLEASE SPECIFY THE TYPE SET. DIMENSIONS AND PARTS OF THE POWER SUPPLIES MAY VARY WITH AVAILABILITY OF MATERIALS. 9 1/2x6 1/2x5 WT: 10 LB
 PRICES: KIT OF PARTS, \$22. WIRED, \$27.00

BC-348 RECEIVER POWER SUPPLY with speaker, similar to above. Kit, \$22. Wired, \$27.00



BC-603/BC-683 RECEIVER P.S. DESIGNED TO BE PLUG IN-TO THE SAME PLACE AS THE DYNAMOTOR WITH NO CONVERSION TO THE SET THAT WILL EFFECT THE OPERATION FROM THE DYNAMOTOR. ONLY WORK REQUIRED ID ADD ON/OFF SWITCH IN PLACE OF SPAR FUSE HOLDER. TRANSFORMER TYPE USING 5Y3GT TUB

OUTPUT 220 VDC, 80 MA. & 24 VDC 2 A. WT: 5 LBS.
 PRICES: KIT OF PARTS \$15.00 WIRED \$20.00



PE-110 POWER SUPPLY FOR BC-669 TRANSMITTER-RECEIVER. INPUT 115 VOLT 60 CYC. OUTPUT 520 VDC @ 420 MA. A 12 VDC VIBRATOR TYPE POWER PACK WITH AN OUT PUT OF 275 VDC @ 64 MA THAT PLUGS INTO THE CHASSIS SERVES AS A RECEIVER STANDBY. INCLD. FOUR 5Z3 TUBES, RESET CIRCUIT BREAKERS, A.C. OUTLETS, AND SUFFIX LETTER, TUBE COMPLEMENT AND SIZE MAY VARY. 20x9x12; 75 LBS. USED REPARABLE \$25



PP-484/FGC-5 VOLTAGE REGULATED POWER SUPPLY OPERATES FROM 115/230 VOLT 50/60 CYCLE 1 RH. OUTPUT 115 VDC 100 MA. 225VDC 550 MA.; 4/6.3 VAC 12 AMP. -6.3V BIA. WESTON 301 METERS 3 1/2" 0-10 VAC; 0-200 VDC & 0-500 VDC; W/ TUBES 2/3B28, 2/2050, 2/12AU7, 6Y6 & 5U4. ALSO 2 AC OUTLETS ON FRONT PANEL. 19x11 1/2x20; WT: 150 LBS. USED \$29.95

GILBERT AMERICAN FLYER TOY TRANSFORMER, INPUT: 120 VAC 60 HZ. OUTPUT: 7 TO 18 VOLTS AC. CONTROL READS 0 TO 120 MPH. WITH AC CORD AND OUTPUT BINDING POSTS. SIZE: 3 1/2x5x3 WT: 6 LBS. GILBERT #22034 USED, \$3.95



FGC-29/1660 POWER SUPPLY INPUT 115/230 VOLT 50/60 HZ OUTPUT: 225 VDC 100 MA. 6.3 VCT 4A. 6.3 V 1.5 A. INCL. FIL. 2/2021 TUBES. 11 1/2x5 1/2x4 1/2; 23 LBS. REM \$15

FGC-29/1640 POER SUPPLY: INPUT, 115/230 V. 50/60 HZ. OUTPUT, 40 VDC 30MA OR 35VDC 40MA. 6.3V 1.4A INCL. FILAMENT 6X4. 5 1/2x3 1/2x4 1/2; 8 LBS. REMOVED \$10

SOLA CONSTANT VOLTAGE DC POWER SUPPLIES; 19" x 6" 40 lbs. sh wt. \$14.95

+ SOLA +

SOLA #	INPUT	OUTPUT
28238	180/240 200/260	200 VDC 1.5 A
28239	" "	120 VDC 1.1 A
		20 VDC 2.0 A
28223	115/208/230	120 VDC 2.0 A
28266	115/208/230	20 VDC 4.0 A

#237 CONSTANT VOLTAGE TRANSFORMER, 6.5 V 25 amp output from 90-130 VAC 60 Hz input, \$15.

VERY HIGH VOLTAGE



DC POWER SUPPLY WITH 107-125 VAC 60 HZ PRIMARY. TWO OUTPUTS: -5.4 TO 5.75 KV. @ 140 TO 300 U-A. ONE OUTPUT: -5.1 U-A. SIZE: 12 1/2x2 1/2x4 1/2 WT: 10 LBS. GE #9T63Y2029G6, USED, \$10.95

DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE CORD, PILOT LIGHT, LINE FUSE ETC. INDICATED RATINGS ARE FOR LOAD CONDITIONS.

OUTPUT 12 VOLT D.C. 2 AMPS.
 SIZE: APPROX. 5x10x2; WT: 10 LB
 STK.# 12VDC2A.
 PRICES: COMPLETE WIRED \$15.95
 KIT OF PARTS 11.00



OUTPUT 24 VOLT D.C. 2 AMPS.
 APPROX. SIZE: 5x10x2; WT: 12 LB.
 STK.# 24VDC2A.
 PRICES: COMPLETE WIRED \$20.95
 KIT OF PARTS 15.95



OUTPUT 12 VOLT D.C. 4 AMPS.
 APPROX. SIZE 5x10x2; WT: 12 LB.
 STK.# 12VDC4A.
 PRICES: COMPLETE WIRED \$19.95
 KIT OF PARTS 14.95

OUTPUT 24 VOLT D.C. 4 AMPS.
 APPROX. SIZE: 5x10x2; WT: 14 LB
 STK.# 24VDC4A
 PRICES: COMPLETE WIRED \$23.95
 KIT OF PARTS 18.95

LENKURT MODEL 5047A POWER SUPPLY,

INPUT: 115 VAC 60 HZ. OUTPUT: 24 VCT. 10 AMPS AC AND 160V. 150 MA DC. CONSTRUCTED ON AN ALL-ALUMINUM CHASSIS WITH VENTILATED ALUMINUM COVER WITH FLIP-LOCKS. (NOT SHOWN) SIZE: 19 1/2x7 1/2x10 1/2 WT: 45 LBS. \$19.95



COMPUTER POWER SUPPLIES

SOLID STATE POWER SUPPLIES rated conservatively and constructed on rugged steel frames. Units have front voltage adjust *10% running light, AC reset. Also adjustable current limiting and overvoltage protection. Power input: 115 VAC 60 HZ. Removed from equipment.



RATING	SIZE	Sh wt.	#	PRICE
4 V 75 A.	20x19 1/2x17	125 lbs.	650	\$60.00
12 V 15 A.	15x11 3/4x7	60 lbs.	654	\$70.00
12 V 25 A.	15x11 3/4x7	75 lbs.	928	\$90.00
12 V 35 A.	20x19 1/2x17	100 lbs.	1235	write

REGULATED 48V 5A



REGULATED SOLID STATE POWER SUPPLY; OUTPUT: 48V. 5 AMPS. INPUT: 115 VAC 60 HZ. TRANSISTOR DEVICES MODEL SPS 828. SIZE: 16 1/2x8 1/2x3 1/2, SHPG. WT: 25 LBS. PRICE: UNUSED, \$45.00

SCOPE POWER SUPPLY



HFE CRT POWER SUPPLY; HAS 6.5 KV LOW CURRENT OUTPUT WHEN USED WITH 10 VDC 1.75 AMPS DC-TO-DC INPUT CONVERTER. WILL PRODUCE 7.5 KV FROM 12 VDC INPUT. OTHER LOW CURRENT OUTPUTS OF -2500 AND -1500 VDC. TRANSISTORIZED WITH COVER AND CONNECTORS. 11x6x5 1/2, 10 LBS. USED, EXC., \$15.95
 HFE LOW VOLTAGE POWER SUPPLY; OUTPUT: 10 VDC 1.75 AMPS, ADJUSTABLE -1 V. INPUT: 115 VAC 60 HZ. TRANSISTORIZED WITH FUSE AND CONNECTOR. 10x6 1/2x4; 12 LBS. REMOVED F/EQUIP., \$7.95
 HFE CRT AND LV POWER SUPPLIES AS SET, \$20.00



BREAKER 12.5 VDC 2.5 AMP POWER SUPPLY; 4 AMP SURGE, 4 AMP CIRCUIT BREAKER. 4-5/8x2 1/2x6 1/2; SHPG. WT: 6 LBS. #13-110, NEW, \$20.



MULTIVOLTAGE POWER SUPPLY; HAS REGULATED OUTPUTS: +12 VDC 500 MA, -12 VDC 500 MA, AND 24 VDC 1 AMP. ALSO 7 VDC 10 AMP UNREGULATED, INTERMITTENT. REG. VOLTAGES ADJUSTABLE OVER SMALL RANGE. INPUT: 115 VAC 60 HZ; 9x5x6, 13 LBS. #LR32605, \$25.

PP-308 POWER SUPPLY

PP-308/URR POWER SUPPLY, has output voltages 90 VDC, 1.4 VDC, and -4.2 VDC. Originally power unit for AN/GRR-5 receiver designed to operate from 115 VAC 60 Hz or 6, 12, or 24 VDC storage batteries. We have modified these for 115 VAC 60 Hz operation only. Set has fuseholders, power selector switch, speaker, speaker on-off, and OB2 tube. 4-pin power input connector not available. Size: 5 1/2x8x12, 33 lbs sh. Used, checked for 115 VAC operation, \$21.95



MAGNETRONS

MAGNETRON TUBES LESS EXTERNAL MAGNETICS. USED, \$24 EA. SPECIFY:
 2J26 (2992-3019 MHz); 2J28 (2939-2965 MHz);
 2J29 (2914-2939 MHz); 2J39 (3267-3333 MHz);
 2J61 (2992-3100 MHz); 2J62 (2914-3019 MHz);
 725A (USED IN APS-4 RADAR).

S-300 TUBE (OPEN FILAMENT), 10" LG. 3" DIA. AS-IS, \$4.



500 MHZ

TRANSMITTING TUBE 8012-A TRIODE

DIRECT WIRE FILAMENT: 6.3 V. 1.92 AMPS. MAX. PLATE: 1000 V. 80 MA. 40 W. CAP: G-F 2.7; P-F 0.4; G-P 2.5 MU 18; GRID CURRENT 20 MA. CLASS "C". TELEGRAPHY 35 W W/DATA, UNUSED, TELEPHONY 20W \$2.00 EA. 4 FOR \$6.

8025 TRIODE, same as 8012 but 4-pin base, \$3.

UNUSUAL TUBES for collectors and experimenters. Filaments checked but not guaranteed.

JAN 218 RECTIFIER TUBE, 1/2 wave high vacuum; jumbo 3-pin base. 15 1/2"Hx5" dia \$10.
 MATCHLETT ML-500 HV TUBE, 15 1/2"H x 5" dia. \$12.00
 JAN 705A RECTIFIER, 4-pin base. 5"H x 2 1/2" dia. \$5.
 JAN 715B PULSE AMP TETRODE 4-pin base, similar shape as 705A; 5 1/2"Hx2 1/2" dia. \$6.
 WESTINGHOUSE CL-2 TUBE WITH IN-A-TUBE, 12 1/2"Hx2" dia \$7.
 WESTERN ELECTRIC 701A PULSE TETRODE jumbo 4-pin base; 7 1/2"H x 4" dia \$10.

FIELD TELEPHONES

EE-8 FIELD TELEPHONE, PORTABLE HAND-RINGING MAGNETO TYPE UNIT. OPERATES FROM TWO "D" CELL BATTERIES (NOT INCLD.) TWO OR MORE CAN BE USED IN A TWO WIRE SYSTEM UP TO 17 MILES IN LENGTH. WITH CARRYING CASE AND STRAP. 8x10x3 1/2; 18 LBS. USED, CHKD. \$50.

TP-3 FIELD TELEPHONE, PORTABLE, SAME AS EE-8 EXCEPT THIS UNIT DOES NOT REQUIRE FLASHLIGHT BATTERIES BECAUSE IT USES A SOUND POWERED HANASET. SIZE: 8x10x4; 18 LBS. USED CHKD \$55

H-102 TELEPHONE HANDSET & SIGNALING UNIT FOR COMMUNICATIONS WHERE VOLTAGE IS AVAILABLE FOR OPERATING THE HANDSET AND THE UNIT'S RINGING CIRCUIT. REQUIRES 3 & 6 VDC. SIMILAR TO EE-8. 8x10x4; 15 LBS. USED, CHECKED, \$30.



RA-87 RECTIFIER; FOR USE WITH TELETYPE EQUIPMENT. CONVERTS 95 TO 125 VOLT OR 190 TO 250 VOLTS 50-60 CYC TO 115 VDC 400 MA AND 115 VAC 4.35 A. WHEN USED WITH RE-NEW \$12.95
 SIZE: 14 1/2x7 1/2x8; 45 LBS. PRICE: USED \$16.95

PRECISION HV POWER SUPPLY, OUTPUT APPROX. 19 KV 250 U-AMPS REFERENCED TO GROUND. REQUIRES 115 VAC 60 HZ. UNITS POTTED EXCEPT FOR TRANSISTOR CONTROL BOARD AND VOLTAGE ADJUST POT. W/FUSE. TERMINAL FOR TEST METER. 10x5 1/2x2 1/2, 15 LBS. #CPS-5001P/1650, USED, \$16



LEDEX ROTARY SELENOIDS w/o wafers
28 VDC, 12 pos.
#S-6738 r/1 1/2" dia wafer; 4 1/2" sh. #4
#S-6851 r/1-3/8" dia. wafer
5" lg. shaft. Unused \$3.50

POTTER & BRUMFIELD AC RELAYS, OPEN FRAME, STYLE KA. 3PDT 5 A CONTACTS MOUNTED IN METAL CASE. 2x1-3/8x1-3/8.
#5323 24 V 50-60 Hz, \$2.00
#5327 24 VDC, \$2.50

OPEN FRAME, SPDT 5.5-7.5 VAC COIL; CONTACTS RATED 5 A 115 VAC. 1 1/2x1 1/2x3/8
#5945-233-1398, \$1.25

ALLIED CONTROL T25X-18, coil 115 VAC 2580 OHMS. GOLD-PLATED DPDT CONTACTS RATED 5 A 29 VDC. 2x-7/8 x1-3/8. UNUSED, \$3.00 EA.

4PDT RELAYS, 110 VDC, heavy contacts. 2x2x1 1/2. Removed. #DOX187T, 5000 coil, \$2.00
#DOX137T, 24 VDC 230 A, \$1.50

DPDT CERAMIC RELAY, 115 VAC 60 Hz, 10 amp contacts. Various styles; 2x1 1/2x1 1/2. #CER-2P-10, used, \$3.95

TIME DELAY/SEQUENCE RELAY, has 3-SPDT & 1-DPDT 12 VDC 6 A relays. Delay sequence ON/3.5s/5.0s/10 sec. Solid-state w/24 V 1 amp transformer, 250 mfd 50 VDC cap. 115 VAC 60 Hz input. 7 1/2x3 1/2x3 1/2, 3 lbs sh. #140-P197C \$9.95

SIGMA DC RELAYS; OPEN-FRAME, 2 AMP CONTACTS, 1x2 1/2x1 1/2 Removed f/Equip.
#41F500S-SIL, 6 VDC, \$1.00
#41F1000S-SIL 12 VDC, \$1.50

BK-27A TELETYPE RELAY USED W/BO-100 SWITCHBOARD UNIT HAS 2 RELAYS W/DUAL COILS 150 OHMS EACH W/101A CONTACTS THAT CAN BE ADJUSTED FROM INSIDE AND OUTSIDE OF THE BOX FOR EAST WEST TRANS. CONTROL. NEW SIZE: 6x4x3 1/2. 4 LB. \$3.95

STEPPING RESISTOR BANK, 100K ohms in twenty 5K steps; 20 W. good foundation for tester. 5 1/2x3 1/2x1 1/2 dia shaft. 3 lbs. #227281.3, \$3.95

DIMMER CONTROL TYPE A-4 667498 150 OHM 50 WATT 2 1/2" MTG. HOLES, W/KNOB 2 LBS. \$2.50
MATCHING PLUG #BYLZ-2504; DUAL 70 / 80 COOL-HEAT SCALE, \$2.95
#BYLZ-2292; DUAL 300 OHMS, 40-80 SCALE, \$2.95

WESTON SENSITROL RELAYS MODELS 723 AND 705; 3 1/2" ROUND. Used \$4.95 EACH SPECIFY:

RANGE	MODEL
80% to 120% VOLTS DC	723
90% to 110% VDC	723
95% to 105% VDC	723
110% to 100% VOLTS AC	705
100% to 90% VAC	705

LEDEX HEAVY DUTY SELENOID w/o wafers; 8 pos. 26 VDC 35 W cont., 115 VDC 700 W 1/20 duty. 3x2 1/2x2 1/2 dia. 3/8" dia shaft. #S-8210-025, \$7.



VARIABLE TIME DELAY RELAY DPDT 120 VAC 10 A RESISTIVE CONTACTS; USES EXTERNAL RESISTOR-VARY DELAY FROM 1.0 TO 120 SECONDS. PLUG-IN TYPE, 2x1-3/8x1 1/2. NCR-REMOVED WITH SOCKET. P & B #CUF41-70120, \$3.95

P & B 3PDT PLUG-IN TYPE RELAY WITH 24 VDC COIL. 120 VAC 10 A. CONTACTS. #KUPI4015, W/SOCKET, \$2.95

AC CONTROL RELAY, 120 VAC COIL; SPST N. OPEN 10 A. AND SPST N. CLSD. 10 A. CONTACTS. SEALED CAN, SOLDER TERM. 3 STUD MTG. 2 1/2x1 1/2x1 1/2. #7321/6717, \$2.50

LOW CURRENT RELAY, 13 V. MIN.; 2500 OHM SPDT 10 A. CONTACT; USABLE F/ALARM CIRCUIT W/LOW STANDBY CURRENT 2x2x1; P&B#LM-1600-1 \$3.95

RHEOSTATS

RHEOSTAT VALUES: FIRST SET OF NUMBERS AFTER RHEO-PREFIX IS THE WATTAGE. YOU INDICATE DESIRED OHMS IN SECOND SET. SCD= SCREWDRIVER ADJUST.

#RHEO-25W-(ohms), \$1.00 EA	
10	12 15 25 35
50	55 60 75 100
125	130 165 175 200
250	300 350 400 500
600	1K 1500 2500 3500
5K	

#RHEO-50W-(ohms), \$1.50 EA	
16	17 17.5 20 25
30	35 40 45 50
60	80 90 100
124	150 200 220 225
350	500 1K 5K

#RHEO-75W-(ohms), \$2.00 EA	
10	15 25 75
(30-DUAL, \$3.00)	

#RHEO-100W-(ohms), \$2.50 EA	
20	100 350 1500
3K	3500-SCD

#RHEO-150W-(ohms), \$3.00 ea	
15	16 25 35 40 410
750	2500 (245-dual, \$5.)

#RHEO-300W-(ohms), \$6.00 ea	
32	1500 (13.2-dual, \$9.)

#RHEO-500W-(ohms), \$10. ea	
80	(72.7-dual, \$15.00)

#RHEO-750W- 720 ohms, \$15.	
1K	DUAL HELIPOP, 3 turns; 2x2x2 1/2. #827-2588, \$4.95

10K OHM HELIPOP, 1%, 3 turns; 1 1/2x1 1/2. #446-49-2018, \$2.00	
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RHEOSTAT CONTROL UNIT FOR HEATED CLOTHING; 100 WATT 5.75 OHM RHEOSTAT MOUNTED IN CONTROL BOX WITH INDICATOR DUAL ALSO ON/OFF SWITCH & DUAL LOCKING TYPE SOCKETS FOR INPUT AND CONTROLLED OUTPUT VOLTAGES. SIZE: 5x4x2; WT: 3 LBS. TYPE C-1C UNUSED \$2.95

STEPPING SWITCH 115 VAC 60 Hz ratchet-type unit that can be wired to make upto seventeen contacts with electric reset. Size: 4x3 1/2x2 1/2, 2 lbs sh. Miller #1093288 \$2.95

CRYSTALS

FT-241 CRYSTALS f/BC-604 & -684, channels 21-39. No choice, 3/31. Choice, \$1.50

465 KHz CRYSTAL, resonator-type filter as used in BC-794, BC-1004 etc. \$1.50

200 KHZ CRYSTAL in octal type tube holder, \$3.50

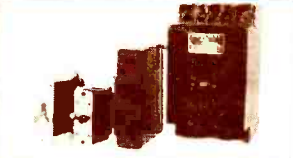
JK-02 CRYSTAL OVEN FOR CR-26 CRYSTALS, OPERATES FROM 6.3-24.2 V. AC/DC, OCTAL BASE. MOTOROLA #251B1001 FOR ONE CRYSTAL AS USED IN R-394-257 RECEIVERS. \$1.95

MOTOROLA #251B1003 FOR TWO CRYSTALS AS USED IN T-278-208 ETC. TRANSMITTERS \$2.50

CRYSTAL DIODES IN-21 IN-32 \$1.00 EACH 6 FOR \$5.00

1000 KHz CRYSTAL, temp. coeff. 0.0001% (+10 Hz)/°C. Octal base; f/BC221-TS323-LM21 freq. meters. Socket wiring may be changed. \$12.

CIRCUIT BREAKER



AIRCRAFT BAT HANDLE TYPE LUMINOUS TIP 24 TO 30 VDC STK# AMPS. PRICE

AN-3160	5 AMP	\$1.25
AN-3160	20 AMP	\$1.25
AN-3160	25 AMP	\$1.25

AIRCRAFT Push Button TYPE 24 TO 30 VDC

AN-3161	5	.75
AN-3161	10	.75
AN-3161	15	.75
PM-40	40	.75
AN-3161	50	.75

HEINEMAN MODEL AM2HK CIRCUIT BREAKERS, 2x2x2 1/2.
12 VDC 4 AMPS, \$1.25
50 VDC 3 AMPS, \$1.25
50 VDC 5 AMPS, \$1.35
50 VDC 40 AMPS, \$1.50
115 VAC 60 Hz, 1.5 A, 1.00

AIRPAX 112R, 240 V. 400 Hz 10 AMP DELAY A SPEC. \$5.00

HEINEMAN #JA2-AB-A, 240 VAC HOLD 17 A, TRIP 2 1/2 A, \$2.
115 VAC 60 Hz; 3x1x1 1/2.
#3H900-1.25, 1 1/2 AMP, \$1.00
#3H900-3-2, 3 AMPS, 1.00
#3H900-4-5, DPST, 4 AMPS; 3x3x2, used, \$1.95.

E&B #375-207-101, 7 amp 250 VAC or 32 VDC max. Recessed button. 1 1/2x1 1/2. NEW, \$1.25

E-T-A CIRCUIT RESET push switches, type 45-700-F. Fits into 3/8" hole; requires 2" depth, 0/A 1x2x2 1/2; Used. 250 VAC 5 amp, \$2.
" " 15 A, \$2.50

BOOKS & TECH MANUALS

\$3.00 EACH
BC-191
BC-375
PP-867,-868
-869
PP-281,-282
-494
PP-846

\$5.00 EACH
BC-312,-342
BC-603,-604
BC-652,-653
BC-683,-684
BC-659
BC-1000
BC-1335
PP-804
PP-109,-112
PRS-3
1-49
1-72G-K
1-14-R-19
TS-175 REPRO
TS-352 REPRO

\$8.50 EACH
BC-669/ REPRO
PP-638
1-14-R-19
TS-175 REPRO
TS-352 REPRO

BC-779,-1004 orig. \$10
TCS-12 REPRO, \$12.00
BC-624,-625; PART OF SCR-522/542, REPRO, \$12.00

AN/JRC-10, 39, 40; covers R-125, T-235, C-632, \$8.50
FGC-20 & 21 contains TT-98,-99,-100 and PP-978, \$10.

SCHEMATICS

REPRODUCTIONS OF SCHEMATICS \$1.50 AND UP. WRITE F/QUOTE

SP-600-JX REPRO/W.S. \$10
R-388 (51J4) REPRO/W.S. \$10
R-220/URR-29 I.B./W.S. \$10
BC-348-R OR G REPRO/W.S. \$10
CV-157/URR REPRO/W.S. \$15
AN/USM-105 I.B./W.S. \$17
AN/USM-140 I.B./W.S. \$17
AN/TM-1 REPRO/W.S. \$10
TS-510/USM-44 REPRO/W.S. \$10
TV-2 REPRO/W.S. \$20
TV-7 I.B./W.S. 7.50
ME-26 I.B./W.S. 8.50
FR-5/URM-80 I.B./W.S. 8.50
TS-148/UPM-33 I.B./W.S. 8.50

R-520, mil-Zenith Transo \$6
AN/ARC-44, I.B./W.S. \$8.50
AN/TRC-8, R-19/T-14, \$8.50
AN/MRC-55, contains R-808, T-631, PP-1171/GRC-14, \$20
BC-221, f/most models \$7.50
TS-497B, I.B./W.S., \$8.50

TEKTRONIX tech manuals:
TEK CA \$7.50 TEK G \$6.00
H 6.00 L 6.00
W 6.00 1A1 7.50
1A2 7.50 1A4 7.50
1A5 7.50 82 7.50
130 5.00 131 5.00
132 5.00 453 8.50
556 8.50 HP-400D 6.00

MAGAZINES

We carry current issues of these magazines:
CQ \$2. GST \$2.50 73 \$2.50
EYE \$2.50 Ham Radio \$2.
Ham Radio Horizons \$1.50
Kilo-Microcomputing \$2.50

ARRL BOOKS

1980 RADIO AMATEUR'S HANDBOOK \$10
SOLID STATE BASICS f/amateurs \$5.
SOLID STATE DESIGN f/amateurs \$7.
ANTENNA BOOK, theory and instruction on antennas, \$5.
ANTENNA ANTHOLOGY, articles from QST on antennas, \$4.
LICENSE MANUAL, a study guide for the novice, \$4.00
UNDERSTANDING AMATEUR RADIO, an introduction, \$5.00
A COURSE IN RADIO FUNDAMENTALS, structured intro. \$4.
OPERATING GUIDE, \$4.00 HINTS & KINKS, \$4.00
V.H.F. MANUAL f/QST, \$4. SINGLE SIDEBAND f/QST, \$4.
FM & REPEATERS f/QST, \$5. L/C/F CALCULATOR, \$3.00
SPECIALIZED COMMUNICATIONS, inclg. SSTV, FAX, \$4.00
SATELLITE COMMUNICATIONS, articles and OSCAR, \$4.75
ELECTRONICS DATA BOOK, circuit collection f/radio \$4.
LEARNING TO WORK WITH IC'S, learn by doing, \$2.00

PRACTICAL ANTENNAS for the Radio Amateur, easy-to-read text, big diagrams on antenna "how to's", \$9.95

VINTAGE RADIO

VINTAGE RADIO 1887-1929, pictorial story of radio's early years; 1000+ pictures, \$8.95
A FLICK OF THE SWITCH 1930-1950, sequel with TV, \$8.95
MOST-OFTEN-NEEDED 1926-1938 RADIO DIAGRAMS, reprint of Beitman's book of 600 old radio schematics, \$7.00

ABBREVIATIONS: I.B.=INSTRUCTION BOOK; H.M.I.=MAINTENANCE INSTRUCT.; O.I.=OPERATION ONLY; REPRO=REPRODUCTION INCLD. THE ABOVE; W.S.=WITH SCHEMATIC; N.S.=NO SCHEMATIC

AHC-27, -55 O.I./N.S. \$3.00
ARC-60 I.B./W.S. 8.50
ARN-12 I.B./W.S. 5.00

ARN-59 O.I./N.S. 3.00
ART-13 TRANSMITTER REPRODUCTION ONLY, OPERATING SCHEMATICS, MAINTEN. \$12.

AN/GRC 3-8, VRC-13-15, VRC 16-18 COVER ALL OF THE SAME TYPE EQUIPMENT I.B./WS \$8.50

GRC-9 I.B./W.S. 8.50
GRC-19 I.B./W.S. 10.00
GRC-26 I.B./W.S. 8.50
GRR-5 I.B./W.S. 7.50
PRC-6 I.B./W.S. 7.50
PRC-9A-10A I.B./W.S. 7.50
VRC-19 I.B./W.S. 8.50
w/R-394/T-278/DY-93 98-100/PP-867-8-9

RT-67-68-69 I.B./W.S. \$5.00
RT-70 I.B./W.S. \$5.00
R-108-109-110 " " 7.50

R-274 REPRO/W.S. \$12.00
R-390A I.B./W.S. 12.00
R-392 I.B./W.S. 10.00
R-394 I.B./W.S. 7.50

R-257 I.B./W.S. 7.50
T-278 I.B./W.S. 7.50

T-208-417 I.B./W.S. 8.50
DY-93-98-100 " " 3.00
ARC TYPE 12 RADIO SET 8.50
COVERS R-10-11-15-19

T-11-13 & ACCESSORIES SIMILAR R-508-509-R-22 AND OTHERS. H.M.I./W.S.

MOTOROLA SEMICONDUCTOR Data Library (1973), info on 1N-2N-3N-4N types, \$1.50

TI SEMICONDUCTOR MEMORY BOOK (1975), 272 pp, \$1.00

U.S. ARMOR COMMUNICATIONS ELECTRONICS DATA (book), July 1973; descriptions of mil-radio equipment, \$3.

WEEKEND PROJECTS for the radio amateur, Vol. 1; 34 short projects collected from QST (1979) \$4.95

TOOLS & TECHNIQUES FOR ELECTRONICS by A.A. Wicko; info on deciding upon the right tool for the job and techniques. (1979), \$4.95

RTTY from A to Z, \$5.00
NEW RTTY HANDBOOK, 3.95

THE LOW & MEDIUM FREQUENCY RADIO SCRAPBOOK by W21MB, \$6.95; ADDENDUM 7/78 \$3.95

ART-13 TRANSMITTER



T-47/ART-13 TRANSMITTER; THIS WELL-KNOWN UNIT HAS AN UPPER FREQUENCY RANGE FROM 2000 TO 18,000 KHZ. TRANSMISSION AT LOWER FREQUENCIES FROM 200 KHZ POSSIBLE WHEN THE PROPER OSCILLATOR AND LOADING COIL ARE USED (PRICED SEPARATELY BELOW). AUTO- OR MANUALLY TUNED. TRANSMITS CW, MCW, AND AM VOICE; 90 WATTS POWER OUTPUT. CONVERSION INFO IN CC SURPLUS CONVERSION HANDBOOK. WITH TUBES: 2/811, 813, 837, 2/1625, 12SJ7, 12SA7, 2/12SL7, AND 2/6V6. POWER REQUIRED: 28 VDC 10 AMP; 400 VDC 225 MA, AND 1250 VDC 250 MA. 23 $\frac{1}{2}$ x16x11 $\frac{1}{2}$; WT: 70 LBS. USED, \$49.50

28 VDC DYNAMOTOR FOR ART-13, USED, \$14.95

MANUAL FOR ART-13, PARTIAL REPRODUCTION, \$12
CONNECTOR PLUGS FOR ART-13: U-7, U-8 FOR TRANSMITTER; U-9, U-10 F/DYNAMOTOR, WRITE.

O-16/ART-13 LOW FREQUENCY OSCILLATOR, 200 TO 500 KHZ OR 600 TO 1500 KHZ, USED, \$17.95

CDA-T CRYSTAL OSCILLATOR F/ART-13B; CRYSTAL-CONTROL FOUR CHANNELS OVER 300-500 KHZ. FITS IN SET. USED, \$9.95. CONNECTORS (2), \$1 EA.
AUTOTUNE HEAD f/ART-13, multi-turn with 0-100 dial, mech. counter, dial lock. #COL23518, \$2.
AUDIO SPEECH AMP F/ART-13, #2C254, USED, \$6.
SA-22/ART-13 ANTENNA SWITCHING UNIT; w/BENDIX LM-26G VACUUM RELAY. 10 LBS. UNUSED, \$6.
C-87/ART-13 PILOT'S CONTROL BOX, UNUSED, \$3.

2-32 MHZ SSB RECEIVER



AN/FRR-59A TRIPLE CONVERSION SSB RECEIVER WITH FULL CARRIER SUPPRESSION FROM 2 TO 32 MHZ IN FOUR BANDS: (2-4) (4-8), (8-16), AND (16-32) MHZ. RECEIVES LSB, USB, AM, CW, AND MCW SIGNALS; LSB AND USB RECEPTION POSSIBLE SIMULTANEOUSLY OR SEPARATELY. INCREMENTAL OR CONTINUOUS DIGITAL TUNING IN 0.5 KHZ STEPS. INTERMEDIATE FREQUENCIES (IF): 1625-1725 KHZ, 220 KHZ, AND 80 KHZ. BUILT-IN 1 MHZ CRYSTAL CALIBRATOR. AF LINE OUTPUT: 60 MW INTO 600 OHMS (MIN.); PHONE OUTPUT: 15 MW INTO 600 OHMS (MAX.). RECOMMENDED ANTENNA TERMINAL IMPEDANCE: 50 OHMS. USES 7- AND 9-PIN 6.3 V. GLASS TUBES. POWER REQUIRED: 105-125 VAC 50/60 HZ (250 WATTS). SIZE: 25 $\frac{1}{2}$ x22x24; SHPG. WT: 300 LBS. NET WT: 250 LBS. PRICE: USED, REPARABLE \$375. CHECKED, \$475.

AM-777 AMPLIFIER-DETECTOR, PART OF RT-128A/ARC-21 (2-24 MHZ) TRANSCEIVER. 1st IF-1800 KHZ; 2nd IF-300 KHZ. REQUIRES 1800 KHZ SIGNAL INPUT AND 500 KHZ INPUT FOR MIXER AND TRIPLER STAGES. SLUG-TUNE ADJUSTMENT. WITH TUBES 4/5636, 3/5896, 3/5899, 3/6021, 5840, 5902, AND 5719. SCHEMATIC INCLD. 13 $\frac{1}{2}$ x2x3 $\frac{1}{2}$; 5 LBS. SH. \$10.00

1700-2400 MHZ RECEIVER

R-418/TRC-29 MICROWAVE RECEIVER WITH PP-690 AC POWER SUPPLY. FREQUENCY RANGE: 1700-2400 MHZ FM UTILIZING 27 PRESET CHANNELS. IF=120 MHZ; VIDEO OUTPUT: 30 HZ TO 4.5 MHZ, -3 TO +7 DBM, 158-500 MV-RMS. NOISE FIGURE: 14-16 DBM. 50 OHM ANTENNA INPUT. HAS TWO METERS FOR CIRCUIT TEST AND ALIGNMENT PROCEDURES. RECEIVER USES 6BM6 KLYSTRON OSCILLATOR AND 28 OTHER TUBES. POWER SUPPLY HAS 18 TUBES. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 19 $\frac{1}{2}$ x19 $\frac{1}{2}$ x19 $\frac{1}{2}$ (R-418); 12 $\frac{1}{2}$ x19 $\frac{1}{2}$ x19 $\frac{1}{2}$ (PP-690). SHPG. WT: 200 LBS. USED, \$150. UNUSED, \$200.00



T-303/TRC-29 XMITTER, 1700-2400 MHZ FM USING 27 PRESET CHANNELS. 120 MHZ IF. VIDEO INPUT/OUTPUT: 30 HZ-4.5 MHZ. WITH POWER SUPPLY PP-764 & -689. 600 LBS. SH. LESS SLR-7 KLYSTRON. USED, \$150. UNUSED, \$200. SLR-7, \$100. MANUAL W/PURCHASE OF SET, \$20.

BC-348 RECEIVERS



BC-348 RECEIVER, 200 TO 500 KHZ AND 1.5 TO 18 MHZ AM AND CW IN SIX BANDS. FEATURES CRYSTAL FILTER, MANUAL AND AUTOMATIC VOLUME CONTROL, AND BFO. INTER-

MEDIATE FREQUENCY: 915 KHZ; OUTPUT IMPEDANCE: 300 OR 4000 OHMS. "Q" OR "R" MODELS SHIPPED ACCORDING TO AVAILABILITY. TUBE LINE-UP VARIES AMONG MODELS. SOLD LESS THE DYNAMOTOR POWER REQUIRED: 220 VDC 70 MA AND 24 VDC. SIZE: 18x10 $\frac{1}{2}$ x9 $\frac{1}{2}$; SHPG. WT: 44 LBS. PRICE: USED, REPARABLE, \$75. CHECKED, \$99.50 GOV'T RECONDITIONED, CHECKED, \$125.
DM-28 DYNAMOTOR, 28 VDC 2 AMPS, USED, \$8.95 115 VAC 60 HZ POWER SUPPLY W/SPEAKER, \$27.00
PL-103 CONNECTOR PLUG F/REAR OF REC., 2.50
MANUAL FOR BC-348-Q OR -R, REPRODUCTION, \$10.

RECEIVER-TRANSMITTER

RT-294A/ARC-44 RECEIVER-TRANS

MITTER DESIGNED FOR AIRCRAFT USE IN THE FREQ. RANGE OF 24.0 TO 51.9 MHZ F.M. VOICE IN 280 PRE-SET CHANNELS. TRANSMITTER IS APPROX. 8 W. OUTPUT, 52 OHM LOAD, AIR TO GND. RANGE APPROX. 50 MILES. REC. AUDIO OUTPUT APPROX. 50 MW. ACROSS 150 OHM. 600 OHM HEADSET. MAY ALSO BE USED AS HOMING DEVICE FOR KEYED UNMODULATED OR CW SIGNALS. POWER REC. 27.5 VDC 3 A. 150 VDC @ 85 MA., 300 VDC @ 125 MA., 27 V., 400 CYC. FOR BLOWER. WITH TUBES 9/5840, 7/5718, 4/5829, 3/5636, 2/5763, 1/5647, 1/5902, 1/6112 & 1/6BF7. SIZE: 7 $\frac{1}{2}$ x14x5 $\frac{1}{2}$; WT: 17 LBS. PRICE: USED, \$19.95



MANUAL F/ARC-44, \$8.50 WHEN PURCHASED W/SET. SB-329 CONTROL BOX, USED, \$3.95; UNUSED, \$8.

TRANSCEIVER R.F. TUNER FOR COLLINS 618S-1. THIS SUBASSY. CONTAINS 1ST & 2ND R.F. AMP, 1ST & 2ND REC. MIXER, 1ST & 2ND TRANS. MIXER, I.F. AMP, DISCRIMINATOR, MULTIPLIER AND 2 DRIVER CIRCUITS. WITH TUBES 2/5654, 3/5749, 4/5750 & 2/5686. TUNING IS DONE BY THE SLUGS MOVING IN AND OUT OF THE COILS, FREQ. RANGE 2-25 MC SIZE: 8x7x6 $\frac{1}{2}$; WT: 10 LBS. #5821-547-5718/618S-1. PRICE: USED \$14.95



ANTENNA COUPLER



CU-656 ANTENNA COUPLER, HANDLES UP TO EIGHT RECEIVERS IN THE 2-32 MHZ RANGE. GAIN: 0 TO 3 DB. NOISE FIGURE: 6 DB OR BETTER. HAS 0-50 MICROMMETER TEST INDICATOR AND CIRCUIT SELECTOR SWITCH ON FRONT. 70 OHM INPUT; TYPE C CONNECTIONS. WITH TUBES 20/6922 AND 0B2. POWER REQUIRED: 115/230 VAC 50-60 HZ. SIZE: 7x19x16 $\frac{1}{2}$; SH WT: 40 LBS. USED, REPARABLE, \$50.00

750 W TRANSMITTER

TMC GPT-750 SSB TRANSMITTER, 3 TO 32 MHZ CONTINUOUSLY TUNED. PROVIDES 750 WATTS AM, 750 W PEP-SSB AND 1000 W CW AND FSK. SAME AS AN/URT-17. REQUIRES 115/230 VAC 50-60 HZ. 47x34x27, 750 LBS SH. USED, COMPLETE-NOT CHECKED, \$750.00



T-282/GR TRANSMITTER, single channel crystal-controlled in the 225-399.9 MHz range; 100 watts AM output into 52 ohms. Uses three 4X150A tubes. Requires 115/230 VAC 50-60 Hz, +850 V, -850 V, +300 V, +250 V, and -100 V. 19x12 $\frac{1}{2}$ x21, 200 lbs sh. Used, reparable \$135.
MD-141/GR MODULATOR-POWER SUPPLY, provides modulation and all necessary voltages for T-282 from 115/230 VAC 50-60 Hz input. 19x12 $\frac{1}{2}$ x21, 225 lbs sh. Used, reparable \$115.
T-282/GR and MD-141/GR purchased as set \$225.

SSB TRANSCEIVER

RT-594/ARC-38A SSB TRANSCEIVER, 2.0 TO

25 MHZ FROM 20 PRESET CHANNELS; FREQ. INTERVAL: 500 HZ (2.0-7.25 MHZ) AND 1000 HZ (7.25-25.0 MHZ). HAS AUTOTUNE FROM CHANNEL TO CHANNEL. TRANSMITS SSB OR AM SIGNALS WITH MINIMUM PEAK OUTPUT OF 100 WATTS (2-14.25 MHZ) AND 90 WATTS (14.25-25 MHZ). ANTENNA TUNE POWER: 50 WATTS. CARRIER SUPPRESSION: 40 DB MIN. RECEIVES AM, DSB, AND SSB. SENSITIVITY: 1.5 U-V. FOR 10 DB (SSB); SELECTIVITY: 3 KHZ MIN. BANDWIDTH @ 6 DB DOWN; 8 KHZ MAX. @ 60 DB DOWN. CAN BE USED WITH FSK. UTILIZES A VFO, SPECIAL DISCRIMINATOR AND REFERENCE OSCILLATOR SUBASSEMBLIES. WITH 25 TUBES. POWER REQUIRED: 28 VDC AND 115 VAC 400 HZ. 600 VDC, 250 VDC, -50 VDC, -65 VDC AND 6.3 VAC. 115 V. 400 HZ FOR SELSYN ON PA INDUCTOR. SIZE: 15 $\frac{1}{2}$ x8x23 $\frac{1}{2}$; WT: 65 LBS. PRICE: RT-594/ARC-38A, USED, REPARABLE, \$135



618S-1/MC TRANSCEIVER MODIFIED FOR SSB. SIMILAR SPECS AS THE ARC-38A, USED, \$99.95

RT-311/ARC-38 TRANSCEIVER, SIMILAR TO THE ARC-38A, BUT WITHOUT SSB. USED, \$75.00

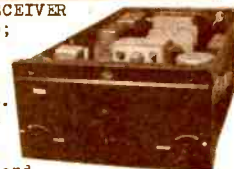
COLLINS 618S-1 TRANSCEIVER, SIMILAR TO RT-311/ARC-38, BUT WITHOUT VFO. CRYSTAL-CONTROLLED AM RECEIVER. USED, REPARABLE, \$49.50



C-1398/ARC-38 CONTROL BOX for control and frequency selection of ARC-38. Twenty preset channels or manual in 500 Hz steps. With code book. Most functions operable with ARC-38A SSB set except for function switch which would have to be disabled and provision for side band reception added. 7 $\frac{1}{2}$ x5 $\frac{1}{2}$ x6, 14 lbs. Used, \$16.95; Schematic, \$2 if bought w/Box.

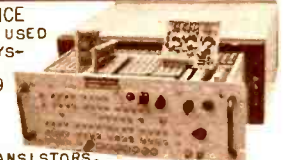
AIRCRAFT TRANSCEIVER

RT-524M AIRBORNE TRANSCEIVER mfg. by Aircraft Radio; covers 136.00 to 149.95 Mhz AM in 50 KHz crystal-controlled steps. 15 watts output. Has volume and squelch controls. Requires 24 VDC 6 amps. With tubes 8156, 2/8102, 6/6CW4, and 2/7587. Schematic not available. Size: 6 $\frac{1}{2}$ x3 $\frac{1}{2}$ x14; 10 lbs. sh. Used, no cover, \$54.95



REFERENCE GENERATOR

SG-323/TSM REFERENCE SIGNAL GENERATOR, USED IN DATA COMMAND SYSTEMS OF FLIGHT COMPUTERS. HAS 69 DIODE-TRANSISTOR LOGIC CARDS WHICH IN TOTAL CONTAIN OVER 300 2N404 TRANSISTORS. ALSO 32 DATA ENTRY SWITCHES PLUS SWITCHING FOR 16 PRESET MESSAGES. A AND B CHANNELS HAVE ODD-EVEN SELECTORS; EIGHT ADDRESS SWITCHES PER CHANNEL. TEST DISPLAY HAS INDICATOR LIGHTS NUMBERED 1, 2, 4, 8, 16, 32, & 64. OPERATING MODES: EXT AUTO, INT AUTO, AND MAN. MANUAL MODE SELECTION: 5 KC, NORMAL, OR ONE SHOT. IN ALL, 67 MINIATURE TOGGLE SWITCHES (MOSTLY SPDT) ARE USED. RCA MFG. POWER INPUT NOT KNOWN. SOLD AS "RECEIVED FROM GOV'T. NOT CHECKED FOR OPERATION." SIZE: 19x7 $\frac{1}{2}$ x16 $\frac{1}{2}$; SHPG. WT: 65 LBS. USED. PRICE: W/CABINET, \$55.00; LESS CABINET, \$50.



AM-1955/GR AMPLIFIER CONVERTER USED WITH R-1148/GR-55 RECEIVER FOR 600-1000 MHZ BAND. 17 MHZ IF. HAS 115 V 60 HZ MOTOR AS PART OF AFC SYSTEM. WITH TUBES 2C40A, 2/5842, 5654, 1N21B, 1N21WE. 150 VDC AND 6.3 VAC REQUIRED. SIZE: 15x9 $\frac{1}{2}$ x8; 30 LBS. SH. USED, \$50.00

AUDIO AMPLIFIER

AM-864/U AUDIO FREQUENCY AMPLIFIER IS A PEAK-LIMITING UNIT FOR AM AND FM BROADCAST OPERATIONS. MAY ALSO BE USED IN RECORDING AND SOUND SYSTEMS REQUIRING AUTOMATIC REGULATION OF PROGRAM LEVEL. INPUT AND OUTPUT IMPEDANCE BOTH 600 OHMS CT. GAIN: 36 DB (MAX.) POWER OUTPUT: 6 MW INTO 600 OHMS. DISTORTION: LESS THAN 2% @ 400, 1000 & 5000 HZ. SPEED OF AUTOMATIC GAIN REDUCTION: 0.05 SECONDS; RECOVERY TIME: 2 SEC. NOISE LEVEL: 40 DB BELOW 6 MW. FREQ. RESPONSE: FLAT WITHIN 1 DB FROM 100 TO 5000 HZ. WITH TUBES 2/6SK7, 6S67, 6SN7, 5Y3. RACKMOUNT. POWER REQUIRED: 115/220 VAC 50-60 HZ. SIZE: 7x8x19; WT: 30 LBS. PRICE: RE-COND. \$24.95



TCS RECEIVER

NAVY TCS RECEIVER COVERS 1.5 TO 12 MHZ AM IN THREE BANDS; CONTINUOUS TUNING OR FOUR CRYSTAL-CONTROLLED CHANNELS. AUDIO OUTPUT: 1.5 MW INTO 500 OHM LOAD. WITH TUBES 2/12A6, 12SA7, 3/12SK7, AND 12SQ7. POWER REQUIRED: 220 VDC 100 MA AND 12 VDC. SIZE: 11x11x13; SHPG. WT: 42 LBS. NET: 37 LBS. PRICE: USED, REPARABLE, \$19.95 CHECKED, \$50.00

TCS ACCESSORIES
 TRANS. ANT. LOADING UNIT USED 14.95
 DYNAMOTOR P.S. F/REC & TRANS. 12V 14.95
 REC. TO P.S. CABLE 4.95
 TRANS. TO P.S. CABLE 4.95
 CONTRL BOX TO P.S. CABLE 4.95
 CONNECTOR PLUGS FOR ANY OF UNITS, EACH 2.00
 MOUNTING BASE W/ SHOCK MOUNTS 4.75
 SHOCK MOUNTS ONLY EACH .75
 NOISE LIMITER CONVERSION KIT F/REC 3.00
 AC POWER SUPPLY 115 VOLT 60 HZ TRANS. 40.00
 REC. ONLY W/SPEAKER
 FOR MORE INFORMATION PLEASE WRITE

BENDIX TRANSMITTER

BENDIX TA-12B TRANSMITTER, 40 WATTS OUTPUT CW, MCW, AND PHONE FROM 300 TO 600 KHZ AND 3000 TO 7000 KHZ. EACH OF THE FOUR CHANNELS HAS ITS OWN OSCILLATOR, OSC. TUNING, AND LOADING. 0-5 RF AMMETER MONITORS ANTENNA CURRENT. WITH TUBES 4/12SK7 AND 3/807. ORIGINALLY USED WITH WP-28B 24 VDC 15 AMP DYNAMOTOR-MODULATOR (NOT AVAILABLE). POWER REQUIRED: 24 VDC 3 AMPS 260 AND 400 VDC EXTERNALLY MODULATED. SIZE: 10x15x11; WT: 40 LBS. USED, \$39.50



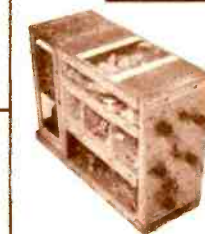
DIGITAL DISPLAY

DIGITAL DISPLAY: EACH UNIT WILL SHOW NUMBERS 0 TO 9 ALSO \$ SIGN 3-3/16" HIGH ON 3x4 SCREEN THAT CAN BE SEEN FOR QUITE A DISTANCE. OPERATES FROM 6.3 VAC. CAN BE ADAPTED FOR BASKETBALL FOUL INDICATOR BY PLACING ONE OVER EACH SCOREBOARD AND HAVE A CONTROL PANEL CONSISTING OF 5 SWITCHES AND TRANSFORMER AT THE SCORER'S TABLE. (WIRING DIAGRAM FURNISHED ON REQUEST) CAN ALSO BE ADAPTED FOR USE AS A MOVING READOUT BOARD. SIZE: 3x5x11; WT: 7 LBS. PRICES: \$3.95 EA. 3 FOR \$10.00



POWER AMPLIFIER

POWER AMPLIFIER ASSEMBLY removed from 225-400 Mhz transmitter; makes an excellent foundation for your power amp. Has oscillator section with 12AT7, 1st doubler (12AT7), buffer (12AT7), 2nd doubler (4X150), and a push-pull tripler with two 4X150's. Manual controls for crystal select, RF driver w/lock, and PA tuning w/lock. PA grid and plate currents could be monitored by adding a 200 microammeter and switch. Silver-plated chassis includes heavy duty blower and tubes 3/12AT7 and 3/4X150A (6 v. fil.) 14x10x5, 33 lbs. #PA/TED, w/schem. \$65.



CAMERA MAGAZINE

35 MM RECORDING CAMERA MAGAZINE TYPE C-7, DESIGNED FOR AIRCRAFT CAMERA BUT CAN BE ADAPTED TO OTHER EQUIPMENT. UNIT ACCEPTS 35 MM FILM ON 2-5/8" DIA. REELS; HAS SPROCKETS, GUIDES, AND MARKED THREAD PATTERN. 1" DIA. DRIVE ASSEMBLY PARALLEL TO PICTURE PLANE. WITH COVERS FOR FILM COMPARTMENT AND MOUNTING FACE. 3-7/8x5x5; 8 LBS. SH. USED, \$10.00



WIRELESS AMPLIFIER

WPT-2 TRANSISTORIZED WIRELESS AMPLIFIER BY FANON; DESIGNED FOR USE WITH CALL-ORIGINATOR BOX (NOT AVAILABLE) AS A PAGING/INTERCOM SYSTEM WITHOUT LINES. 4 WATTS PEAK. OPERATES FROM 115 VAC 60 HZ AND MUST BE IN SAME AC CIRCUIT AS THE CALLING BOX. USABLE WITH TWO 8 OHM SPEAKERS OR THREE OR FOUR 45 OHM ONES. MAY BE MOUNTED INDOORS OR OUT. SIZE: 4x8x3; SH WT: 5 LBS. UNUSED, W/INFO. \$5.95



RADIAC SET

DETECTOR CONSISTING OF IM-74 RADIAC METER AND DT-53 DETECTOR PROBE WITH BS-1 GEIGER-MULLER TUBE. METER INDICATES AMOUNT OF BETA AND GAMMA RADIATION IN MILLIROENTGENS PER HOUR. RANGE SCALER FOR 0.5, 5, 50, AND 500 M-RTNGS/HR. BNC CONNECTION FOR HEADSET MONITORING. USES BATTERIES (NOT AVAILABLE) WHICH SUPPLY 135 VDC, 22.5 VDC, AND 1.5 VDC. SIZE: 8x6x12; 15 LBS. SH. USED. REPARABLE, \$19.95; TRANSIT CASE, \$5; BOOK \$5.



PORTABLE SIGNAL LIGHT

CANADIAN MORSE CODE SIGNAL LIGHT; MIRRORED REFLECTOR TILTED BY TRIGGER IN HAND GRIP, SIGHTING TUBE ON TOP, 4" CLEAR REPLACEABLE LENSES LISTED BELOW. TEN FOOT CABLE & 12 VDC 31 WATT LAMP. CAN ALSO BE USED AS SPOT LIGHT. COMES IN WOOD CARRYING CASE, 9x6x8; 15 LBS. CAN#5A USED \$14.95. EXTRA INTERCHANGEABLE LENSES IN RED, BLUE, GREEN OR CLEAR TINT \$1 EA. SET OF 4 \$3



AM-447 AUDIO FREQUENCY AMPLIFIER, VOLUME LIMITING TYPE, INSURES UNIFORM OUTPUT UNDER CONDITIONS WHERE THE RECEIVED SIGNAL LEVEL MAY VARY IN AMPLITUDE, ELIMINATING THE NEED FOR CONSTANTLY READJUSTING THE OUTPUT LEVEL. IT IS INTENDED TO BE USED RECEIVING EQUIPMENT, LINE AMPLIFIER OR AMPLIFY THE OUTPUT OF A MICROPHONE FOR MODULATING TRANSMITTING EQUIPMENT. INPUT IMPEDANCE 600 OHMS, OUTPUT IMPEDANCE 200 AND 600 OHMS, AUDIO INPUT: -10 DBM TO -10 DBM, FREQ. RESPONSE FLAT WITHIN 2 DB FROM 300 TO 3500 CPS.. GAIN: 34.8 DBM MAX. AUDIO OUTPUT 3 WATT HAS INPUT, OUTPUT AND PHONE JACKS ALSO VOLUME CONTROLS. WITH TUBES POWER REQUIRED 115 VOLT 50/60 CYCLE. SIZE: 7x12x14; (NO COVER WITH UNIT) WT: 23 LBS. PRICES: USED SERVICEABLE \$8.95 TWO FOR \$15.00



VFO - EXCITER - MOD

VFO-MASTER OSCILLATOR FROM THE T-195 TRANSMITTER; GENERATES FREQUENCY OF 1.5 TO 3 MHZ. HAS 5749 OSCILLATOR TUBE AND 5749 BUFFER-AMP TUBE. WITH 3x3/16" DIA. SHAFT. 2x3x7; WT: 5 LBS. VFO/T-195, REMOVED F/EQUIPMENT, \$7.95



EXCITER STAGE FROM T-195, USED TO AMPLIFY VFO OUTPUT AND SUPPLY DESIRED TRANSMITTING FREQUENCY TO POWER AMP. SLUG TUNED IN RANGES (1.5-3), (3-6), (6-12), AND (12-20) MHZ. WITH TUBES 6AU6, 2/6AK6, AND 5763. SIZE: 4x3x8, 12 LBS. EXC/T-195, \$14.95



MODULATOR F/T-195, DESIGNED TO PROVIDE PROPER AUDIO POWER TO MODULATE POWER AMP AND SUPPLY SIDETONE. 300 HZ AND 3500 HZ BANDPASS. W/TUBES 5726, 2/12AT7, 5814. LESS 4X150, TUBES AND SOCKETS. 8x6x4; 6 LBS. \$10.95



TRANSISTOR RADIOSONDE

TRANSISTORIZED RADIOSONDE WITH CLOCKWORK TIMING MECHANISM (NO KEY); USED IN METEOROLOGICAL OBSERVATION OR SIMILAR APPLICATIONS REQUIRING AN EXTREMELY LIGHT-WEIGHT TRANSMITTER. UTILIZES A 2-TRANSISTOR MODULATOR AND A 2-TRANSISTOR TRANSMITTER CIRCUIT. TRANSMITTER HAS A 7533 INTEGRAL CAVITY TUBE WHICH FUNCTIONS AS THE TUNED CIRCUIT FOR THE OUTPUT: 1660-1700 MHZ, 575 MW (NO FURTHER DATA). WITH HUMIDITY ELEMENT. TRANSMITTER SIZE: 2x1/2" DIA. X 6"; OVERALL SIZE: 7x4x5; SHPG. WT: 4 LBS. FRIEZ #3002, UNUSED, \$9.95



T-69F/AMT-2 RADIOSONDE TRANSMITTER ONLY. F-2 EMISION (FM) 390 TO 410 MC RANGE WITH TUBES 5703 AND 5910. REQUIRES BB-208 DRY CELL BATTERIES (SOLD SEPARATE). SIZE: 6x5x2; WT: 2 LBS. \$1.50
 BB-208 DRY CELL BATTERY SET WT: 1 LB. \$2.00



ANTI-FIRE ANTI-THEFT

FIRE CHEX AUTOMOTIVE ELECTRICAL SHUT-DOWN DEVICE; DESIGNED TO AUTOMATICALLY DISCONNECT A CAR'S, TRUCK'S, OR BOAT'S ELECTRICAL SYSTEM IN THE EVENT OF A COLLISION AND THUS SUBSTANTIALLY REDUCE THE THREAT OF FIRE IN AN ACCIDENT. BY USING THE INCLUDED 80" SPLINE SHAFT, FIRE CHEX MAY ALSO BE USED AS AN ANTI-THEFT DEVICE. WITH THE ENGAGEMENT OF THE SPLINE LEVER HIDDEN UNDER A DASHBOARD, THE POTENTIAL THIEF COULD NOT START A VEHICLE, EVEN IF HE OR SHE "HOT-WIRED" THE IGNITION. THE ENGINE WOULD NOT TURN OVER UNTIL THE OWNER DISENGAGED THE UNIT. WORKS IN 6, 12, OR 24 VDC SYSTEMS. WITH SPLINE, FUSED LINE, MOUNTING BRACKETS, AND WIRING INSTRUCTIONS. SIZE: 4x4x1; SHPG. WT: 6 LBS. UNUSED, \$9.95



ANTENNA TUNER

BC-939/TN-339 ANTENNA TUNER, USED WITH 400 WATT 2-18 MHZ BC-610 TRANSMITTER. TUNER COVERS RANGE IN BANDS 2-10 MHZ AND 10-18 MHZ USING TWO 100-TURN COUNTERS AND ONE 10-TURN COUNTER. HAS THREE VARIABLE INDUCTORS, ONE EACH RATED 103 uHY, 13.8 uHY, AND 1.3 uHY. ALSO HAS 0-15 RF AMMETER 3/8" DIA. AND TWO FIXED VACUUM CAPACITORS ONE RATED 12 PF 20 KV, THE OTHER 55 PF 32 KV. USE THE TUNER AS-IS OR ADAPT ITS COMPONENTS TO YOUR NEEDS. BC-939 OR TN-339 AND GREY OR BLACK UNITS SHIPPED AS AVAILABLE. SIZE: 11x14x23; 75 LBS SH. USED, \$85.00



GRAB BOX ASSORTMENT OF USED AND UNUSED MANUFACTURERS AND GOVERNMENT SURPLUS ELECTRONIC PARTS SUCH AS ASSEMBLIES, MOTORS, COILS, TRANSFORMERS, CHOKES, CIRCUIT BOARDS, CAPACITORS, RESISTORS, AND OTHER USABLE ITEMS. PACKED IN 50 LBS. CARTONS. \$7.50 EA. OR TWO CARTONS FOR \$13.00.

SHIPPED VIA UPS WITH FREIGHT CHARGES VARYING FROM \$5 TO \$16 PER CARTON. ALLOW FOR FREIGHT. GRAB BOX IS GOOD FILLER TO TAKE ADVANTAGE OF MOTOR FREIGHT 150 LBS. MINIMUM WEIGHT RATES.

Control Boxes

Filters


Indicators

Tuning Units


Amplifiers



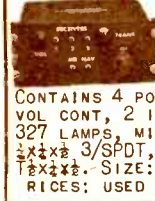
ALARM BELL
OPERATES FROM
24 VOLT D.C.
SIZE: 4 1/2 x 4 1/2 x 2 1/2
WT: 1 lb #561-3
NEW \$1.95



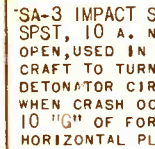
BC-1361 SWITCH BOX
w/bullseye light,
2 water-proof conn
4PST switch, SPST
mom. sw., and two
binding posts.
6 1/2 x 5 x 2 1/2, 2 lb. \$3.



C-345A/MRC-2 CONTROL BOX
HAS VOLUME
CONTROLS,
PHONE & SPEA-
KER JACKS,
FOR TWO RECEI-
VERS A & B.
Also 2 1/2 FT CORDS w/PL-68
PLUGS TO CONNECT THE UNIT
WITH A & B. 6x3 1/2 x 2 1/2 WT: 4LB
PRICE: \$3.95



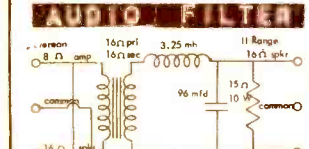
SB-329 SIGNAL DISTRIBUTION CONTROL BOX
USED w/ARC-44
RADIO SET.
CONTAINS 4 POS. SEL. SWITCH VOL
CONT, 2 IND. LITES WITH
327 LAMPS, MINITURE SWITCHES
3/SPDT, 1/SPDT & 1/DPD
1 1/2 x 2 1/2. SIZE: 2 1/2 x 5 1/2 x 4 1/2; 5 LB
PRICES: USED \$3.95 NEW \$7.95



SA-3 IMPACT SWITCH
SPST, 10 A. NORM.
OPEN, USED IN AIR-
CRAFT TO TURN ON
DETONATOR CIRCUIT
WHEN CRASH OCCURS
10 "G" OF FORCE.
HORIZONTAL PLANE. \$1.95 EA.

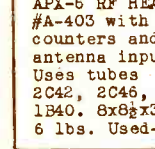


LS-230 INTERCOMMUNICATION STATION CONTROL BOX
CONTAINS 3 ROT-
ARY 3 POSITION
LEVER CONT. SW
1 LEVER SW. DP
DT CENTER OFF,
1 LEVER SW. SPST 1 SIDE,
OTHERSIDE SPST MOM. & CENTE
OFF, 3 LITE IND. PHONE &
MIKE JACK & 1 MIN. TRANSFOR
50 TO 500 OHM. SIZE: 7x5x2 1/2;
WT: 3 LBS. PRICE: \$5.95



AUDIO FILTER

ELECTRO-VOICE FILTER EVXX3
IS A AUDIO FREQ. FILTER
THROUGH WHICH TWO AUDIC
AMPLIFIERS CAN BE CONNECTE
TO 2 SPEAKER SYSTEMS.
ALL BASS FREQ. BELOW 300
CPS ARE PASSED TO ONE SIDE
OF THE SYSTEM WHILE THE
HIGHER FREQ. ARE PASSED
WITHOUT CHANGE TO BOTH SYS-
TEMS. IN A STEREO SYSTEM
THIS ELIMINATES THE NEED
FOR 2 FULL RANGE SYSTEMS.
CAN ALSO BE ADAPTED TO
OTHER USES. #EVXX3F
5 1/2 x 4 1/2 x 5 1/2; 8 LBS. NEW \$2.95



AFX-6 RF HEAD
#A-403 with
counters and
antenna input.
Uses tubes
2C42, 2C46, &
1B40. 8x5 1/2 x 3,
6 lbs. Used-less tubes \$5.

ARC-5 BOXES



BC-450 RECEIVER CONTROL f/
tuning upto 3 receivers.
W/dials 190-550 KHz, 3-6
Mhz, & 6-9.1 Mhz; CW-off
-MCW switches, volume con-
trols, and phone jacks.
9 1/2 x 5 1/2 x 3, 3 lbs. Unused \$8.

BC-451 SELECTOR, controls
one to four xmitters; has
tone-CW-phone switch and
key, mic, & phone jacks.
4 1/2 x 4 1/2 x 2 1/2, 2 lbs. Unused \$3.

C-38 SELECTOR f/2 MHF and
one VHF receiver, R-4/ARR2
receiver, and radio or in-
terphone mic selection.
Volume, pitch, sensitivity
controls; CW-Voice switch;
R-4 band select; and phone
jacks. 9 1/2 x 5 1/2 x 3. Unused \$5.

RM-52 Remote Control used
for radio
and intercom
set. Has
transformer,
mic & phone jacks. Source
for Phone Patch project.
7 1/2 x 3 1/2 x 5, 5 lbs. Used, \$4.

MAR CONTROL BOX,
contains 3-SPST
switches, two
phone & mic jacks
(all waterproof)
and one dual pot w/dial
knob. 5 1/2 x 5 1/2 x 3, 3 lbs sh.
#CMX-23429, unused, \$2.00

DOLLAR DAZE- CONTROL
BOX w/DPDT, DPST,
& SPST switches and 3
pilot lights w/bulbs. \$1.

REMOTE SIGNAL
BOX indicates
when Xmitter
is tuned. W/3
push-to-test
lights, DPDT
center-off
toggle switch, and a 24 VDC
relay. 5 1/2 x 4 1/2 x 2, 4 lbs. sh.
#RE-21/ARW-10, \$2.50 ea.

SYLVANIA LAMP SOCKET STRIP
8 SOCKETS 2" CENTERS \$1.00 EA
28V LAMP 28PSB 30 1/2 EA. 4/\$1



RC-728 RECEIVER FRONT END
ONLY; 2-6 MHZ., ANT., R.F.,
OSC., BAND SW. & PUSH-BUTT-
ON ASSY. FOR 455 KHZ INPUT
4 CHANNELS PRESET FREQ.
RANGES (A 2-2.6) (B 2.6-3.5)
(C 3.5-4.5) (D 4.5-6.0) NEW
2C4728A/T4W/SCHEMATIC \$5.95

RECEIVER PRE-SELECTOR ASSY.
230-250 F.M. Consists of RF
MIXER & OSC. USING SPIRAL
INDUCTUNER. FOR USE WITH
30 MHZ. I.F. TUBES REQUIRE
2/6AG5 & 1/9002. RE-MOVED
FROM R-48 REC. 6x5 1/2 x 4; 5LB
LESS TUBES \$5 WITH \$9.00

EXPLOSION PROOF STEEL BOX FOR INTERPHONE HAND-SET; MOUNTED ON REAR OF TANK. HAS HANDSET HOLD-ER, CONTROL BOX, INDICATOR LIGHT, HEAVY SPRING LATCH, AND CABLE CLAMP. SIZE: 14x10x6 1/2; 35 LBS. SH. #BC-1362, \$6.00

#873/TS-349 HEAVY
STEEL BOX with
latch for pad-
lock. 8x7x3,
4 lbs. \$2.50

CONNECTORS
PL-58 and JK-37 THREE
PRONG PLUG AND JACK.
PLUG IS KEYS TO
PREVENT INSERTING
PLUG BACKWARDS,
2x3x1 1/2 \$1.50 EACH

CONNECTOR PLUGS
15 CONTACT
SIZE: 2 1/2 x 1 1/2 x 1 1/2
PER PAIR \$1.50 P-601

18 CONTACTS
2 1/2 x 2 x 1
P-2802
PER PAIR \$2.00

35 CONTACT CONNECTOR
MALE #621905
FEMALE #407375
SIZE 2 1/2 x 1 NO COVER \$1.50 PR.

15 CONTACT, POLARIZED 3
LARGE CONTACT. SIZE 1 1/2 x 2 AMP
#26-150 F/CHASS. #151 W/CC
USED \$1.50

GENERAL ELECTRIC
HEAVY DUTY
MULTI-SWITCH
FOUR CONTACT 3
POSITION & OFF.
POS. 1 & 2, 2 & 3, AND 3&1
SIZE: 5x4x2 1/2; WT: 3 LBS.
GE #16SP1G11X4/SB-1 \$4.95

PRISM from M4A1 tank peri-
scope. 5 1/2 x 1 1/2 view area.
Peak around corners or use
to direct light. O/A 6 1/2 x 2 1/2
x 2, 2 lbs. Used \$2.75 2/\$5.

AIRCRAFT COCKPIT
EXTENSION LAMP
ASSEMBLY, No. B-7
USES STANDARD 2
CONTACT AUTO LAMP
5 1/2" SPRING RE-
TRACTABLE CORD
W/DIMMER CONTROL
SW. USED, \$4.95

WILLARD PLASTIC
STORAGE BATTERY
2 volt 28 amp-
hour. Non-spill-
able; ball indi-
cator. Dry
charge; add e-
lectrolytic.
May have hair-
line cracks.
4x5x3, 4 lbs. Repairable \$3.

TL-29 ELECTRICIAN'S
POCKET KNIFE, 2 1/2"
high grade steel
blade and 2 1/2"
locking screw-
driver blade.
Handle size: 1/2" W
x 5/8" Th. 3 1/2" folded
length. Rugged plastic
sides. Camillus. \$5.95



**SYNTHESIZER IF & AFC DE-
TECTOR ASSEMBLY** WITH TWO
STAGES 4.5 MHZ IF, ONE
STAGE 450 KHZ IF, MIXER
TRANSFORMER ETC. W/TUBES
3/5702, 5784, 5829, 5703.
TWO UG-1051 COAX CONN.,
CRYSTAL SOCKET ETC. USED.
9 1/2 x 3 x 2, 2 LBS. RD28105, \$6

VO-6 OSCILLATOR
CRYSTAL CONTROL
4.3 MHZ; VARIA-
BLE 0-100 U-V
OUTPUT. USED
WITH VARIOUS
SETS HAVING 4.3
MHZ IF. W/1T4
TUBE. REQUIRES 1.5 AND 67.5
VDC. 5x5x3 1/2, 5 LBS. USED \$8

1-210 ALIGNMENT
INDICATOR USED
WITH VO-6. HAS
6E5 EYE TUBE FOR INDICATION
ALSO CHECKS RESISTANCE TO
50K OHMS AND 0-4.5-6-30 V.
REQUIRES 4.5 OR 7.5 VDC AND
60, 90, OR 150 VDC.
5 1/2 x 4 1/2 x 2; 3 LBS. SH. USED \$9

CORNELL-DUBILIER
DECADE CAPACITOR
5x3 1/2 x 2; 4 LBS.
CDA5, .0001-.011
MFD., USED, \$12.
#CDC5, 1-10 MFD, USED, \$16.

**REMOTE MALFUNG-
TION ALARM BOX**,
-12 VDC APPLIED
TO TERMINALS AC-
TUATES 6 V BUZ-
ZER. W/2 2500 4
MA RELAYS. USES
4 "D" BATTERIES (NOT INCLD)
5 1/2 x 5 1/2 x 2; 4 LBS. #E54R1, \$5

PLANETARY GEAR ASSY.
w/4 1/2", 2", AND 1 1/2"
DIA. STEEL GEARS.
ALSO 3" D. MACH-
INE BRASS GEAR W/
2 PRS. 9/16" D. OUT-
TER BRASS GEARS ROTAT-
ING ABOUT 1 1/2" D. BRASS CORE
GEAR AS SHAFT IS TURNED. \$5

**CURRENT TRANSFORM-
ER** FOR USE WITH
AC AMMETER, MOLDED
TOROIDAL CONST
200/115 v 400 CPS
CURRENT RATING
500: 0.65 AMPS. 2 1/2 x 2 1/2 x 1 IN.
4 oz, # 7499 \$.75
SIMILAR TO ABOVE OPEN
TOROIDAL. RATING 250: 2
AMPS 400 CPS. WEST. TYPE
AVT-15A 3x3x1, 8 oz. \$.75

WATER-ACTIVATED
BATTERY BA-316/AM
7.5 and 114 volts.
2 1/2 x 3 1/2 x 3 1/2, \$1.25

**BB-652 NICKEL-CAD-
MIUM BATTERY**, 1.2
volt 13 A.H. @ 1 hr. rate.
4 1/2 x 2 1/2 x 1 1/2, 2 lbs. \$6.00
BB-600 CELL, 1.2 V 34 amp-
hour. 3 1/2 x 8 1/2 x 1 1/2, used \$12.
#1270 NICAD CELL, 1.2 V 70
A-H, 5 hr rate. 8 1/2 x 5 x 2, \$2C

RATE-GYRO
No. 8511364
28 VOLTS D.C
GYRO MOTOR
WITH POTENT-
IOMETER.
WESTERN
ELECTRIC
GA-10147-3
SIZE: 2 1/2 x 2 1/2 x 4; WT: 3LB. \$4.95

NOISE-VOICE

ACTIVATED TRIGGERING

DEVICE VOLTAGE THE RE-
LAY CAN BE ACTI-
VATED BY NOISE
OR VOICE. UNIT CONSISTS OF
CRYSTAL MIC. TRANSISTOR, SCR
2 CAP. 3 RES. AND A TRIMMER
POT. FOR ADJUSTING SENSITI-
VITY. W/SCHEMATIC/LESS BATT
AND RELAY. SIZE: 1 1/2 x 1; 2 OZ.
LEE #5355, \$1.00 EACH.

INDICATOR N-S E-W
W/GEAR TRAIN, IN-
NER & OUTER DIALS
COUPLED TO 20,000
OHM 1/2 POT. U/W/ WITH
APA-44. 3 1/2 x 4 x 5 1/2 LB
N-S #153223 \$4.95
E-W #153229 \$4.95

KEYBOARD

CALCULATOR
KEYBOARD,
17 BUSINESS-
SIZE KEYS.
EACH SWITCH
REMOVABLE;
CONTACTS AC-
CESSIBLE. SP4P
SLIDE SWITCH
USED, EXC. NCR#0092, \$3.95

KEYBOARD

16 KEY KEYBOARD
BY MICRO SWITCH
CONTACTS RATED
12V 6MA TO SINGLE COMMON BUS.
BUTTONS .5x.5x.2. 0 THRU 9
RESET, DELETE, CARD NO.,
\$ AMT, PROCESS, FCT. SIZE
3x3x1 #16NW3-44 NEW \$6.95

UNIPULSER

**DURANT UNI-
PULSER II**
COUNTER, e-
lectromechan-
ical type
requires 24
VDC pulse;
36 Vrms half
wave AC for reset. Has auxil-
liary low current con-
tacts for remote indication
or control. 1 1/2 x 4 1/2 x 4 1/2 per
counter. Unused w/PCB sock-
ets. Bank of three, \$6.00
" " four, \$8.00

VIBRATORS

VIBRATORS removed f/equip.
VB-1 & -7: 6 V. for PP-308,
PE-97, -117, -237. \$3.95
VB-12 (6 V.) or VB-13 (12V)
for PE-120, \$2.95
3H6690-16, f/PP-112, \$2.95
Vibrators VS-3, G534, VB-8,
VB-9 as available, \$2 ea.

**BB-51 BATE-
RY** 6 V.
2.75 hours
thru 30-
lead cells.
Dry charge.
1 1/2 x 3 1/2 x 7/8,
3 oz. \$1.50

BB-52, same
as BB-51 except 36 V. 3 A.
thru 1200 ohms. \$1.00 ea.
BB-208 BATTERY PACK, con-
tains BB-51, 3/BB-52, \$3.

ALTIMETER TRANSCEIVER



RT-7/APN-1 ALTIMETER TRANSCEIVER, 418 TO 462 MHZ FM; ABSOLUTE READINGS TO 4000 FEET. CAN BE CONVERTED FOR OTHER USES. UNIT CONTAINS WOBBLULATOR, DYNAMOTOR, AND TUBES 2/955, 2/9004, 3/12S7, 4/12SH7, 2/12H6, AND 0D3. POWER REQUIRED: 27 VDC 3 AMPS. SIZE: 8 1/2" x 18 1/2" x 8"; SH WT: 25 LBS UNUSED, \$18.95; MANUAL, NO SCHEMATIC, \$3.00 SHOCKMOUNT ASSEMBLY FOR APN-1, \$2.00

UNUSED, \$18.95; MANUAL, NO SCHEMATIC, \$3.00 SHOCKMOUNT ASSEMBLY FOR APN-1, \$2.00

ID-14A/APN-1 RADIO ALTITUDE INDICATOR USED WITH RT-7. 2 1/2" DIA. METER HAS SWITCHABLE SCALES 0-400 FT. AND 400-4000 FT., ON-OFF SWITCH. FS-6 MADC. UNUSED, \$3.95



SA-1/ARN-1 ALTITUDE LIMITER SWITCH USED WITH RT-7 AND ID-14A IN CONJUNCTION WITH AN AUTOPILOT SYSTEM. ALTITUDE LIMIT SET FROM 50 FT. TO 300 FT. IN 25' STEPS; X 10 MULTIPLIER FOR HIGHER ALTITUDES. DESIGNED TO SIGNAL WHEN MIN. AND MAX. LIMITS ARE EXCEEDED. 3" DIA. UNUSED, \$2.95

RT-159/URC-4 RADIO RECEIVER-TRANSMITTER USED FOR GROUND TO AIR-CRAFT RESCUE WORK. VHF FREQ. 120-130 MC. UHF FREQ. 240-260 MC. CRYSTAL CONTROL TRANSMITTER, SUPER REGENERATIVE RECEIVER. DIPOLE COLLAPSIBLE ANTENNA AND COMB. MIC & EARPHONE ARE PART OF THE SET. WITH 8 TUBES 4/6050, 2/6147, 2E32, & 304.



REQUIRES 1.4 AND 90 VDC. UNITS W/ BROKEN COILS OR OTHER. CAN SHIP 2 TO MAKE 1. 3 1/2" x 7 1/2" x 2 1/2", 3 LBS. AS-IS, \$12. EACH. CX-1093A/U POWER CABLE FOR URC-4 \$1.50



URC-4 TEST SET, TS-684/URM-30 USED FOR ALIGNMENT AND TESTING RT-159 REC TRANS. CONTAINS 0-1 MA. METER, CRYSTAL OSC., METERING SW. ANTENNA, CABLE ETC. IN CASE SIZE 6x6x4. SCHEMATIC IN COVER. PRICE: \$9.95

MAB & DAV TRANSCEIVERS



MAB PORTABLE TRANSCEIVER CHASSIS, originally designed to operate between 2.3 and 4.5 Mhz on a single channel; 200 MW output. In waterproof black plastic case; mic and headset out-off and not available. W/tubes 3/354, 2/1T4, 1R5 and 135. Requires 67.5 VDC 3 ma, 135 VDC 19 ma, 1.5 VDC 225 ma, 6 VDC 30 ma. Size: 8 1/2" x 2 1/2" x 7 1/2"; 8 lbs. sh. Unused, w/book, \$6.95

black plastic case; mic and headset out-off and not available. W/tubes 3/354, 2/1T4, 1R5 and 135. Requires 67.5 VDC 3 ma, 135 VDC 19 ma, 1.5 VDC 225 ma, 6 VDC 30 ma. Size: 8 1/2" x 2 1/2" x 7 1/2"; 8 lbs. sh. Unused, w/book, \$6.95

DAV-2 TRANSCEIVER-DIRECTION FINDER, electronically similar to MAB plus direction finding circuit. Has controls for receiver, transmit, and sense. With waterproof O.D. plywood case, JK-26 headphone jack, and connection for T-45 mic. 10 1/2" x 3 1/2" x 10"; 8 lbs. sh. Unused, w/book, \$9.95 CCI66081 WHIP ANTENNA f/above 15"-85", \$1.50



CRYSTAL CALIBRATOR WITH THREE SEPARATE OSCILLATORS AT 10 KHZ, 100 KHZ, AND 1000 KHZ. WORKS FROM 1 TO 30 MHZ ON 1000 KHZ OSCILLATOR; 100 KHZ TO 10.5 MHZ ON 100 KHZ; AND FROM 10 KHZ TO 10 MHZ ON 10 KHZ. ORIGINALLY DESIGNED FOR USE WITH NO. 19 MK III RECEIVER-TRANSMITTER. WITH CRYSTAL SELECTOR, CABLE, AND PLUG. POWER REQUIRED: 12 VDC @ 0.5 A. & 265 v. @ 2.5 MA. SIZE: 2 1/2" x 4 1/2" x 2 1/2"; WT: 7 LBS. USED, \$12.95



SPEED CONTROL BOX, CONSISTS OF 115 VAC 60 HZ TRANSFORMER IN A BOX WITH AN OUTPUT SELECTOR SWITCH MARKED OFF-HI-MED-LOW. WHEN BOX IS PLACED IN SERIES BETWEEN AC LINE AND LOAD, SELECTOR ALLOWS OFF, 100%, 40%, OR 20% OF INPUT TO LOAD. 100 WATTS. SIZE: 4 1/2" x 4 1/2" x 2 1/2"; 6 LBS. SH. #230428, UNUSED, \$2.95

RADIO TELEPHONE LINK



AN/TRC-47 RADIO TELEPHONE LINK, connects radio voice communications to two-line telephone systems. Consists of transmitter, receiver, and signal converter sections. Operates on a single crystal-controlled channel in the 132-150 Mhz band. Carrier output: 7 watts.

Converter changes 20 Hz ringing signal into a radio transmittable 800 Hz signal and vice versa. Used in pairs, the sets can establish links up to three miles apart. With built-in speaker, tuning meter, and tubes 3/0A2, 3/0B2, 2E26, 5R4, 4/6AK5, 2/6AK6, 6A45, 6A56, 6AX5, 2/6BA6, 2/6J6, 2/6L6, 3/6X4, 4/12AT7, 2/12AU7, 2/12AX7, and 5763. Power required: 115/230 VAC 50-400 HZ. 21 1/2" x 14 1/2" x 22 1/2"; 100 lbs. sh. Used, repairable, \$40.

RADIOSONDE

AN/AMT-4A RADIOSONDE: CONSISTING OF THE T-304A TRANSMITTER & MD-147C MODULATOR. TRANS. IS A.M., 1680 MHZ AND THE MODULATOR CONTAINS THE PRESSURE SENSITIVE ELEMENT OR ANEROID, TEMPERATURE ELE. HUMIDITY ELEMENT AND A COMPUTOR, SERVES AS A SWITCHING ARRANGEMENT FOR THE DIFFERENT SERVICES WHICH IS TRANSMITTED BY THE RADIOSONDE THAT IS TAKEN UP BY A METEOROLOGICAL BALLON. ALSO USED FOR TRACKING WIND DIRECTION. WITH TUBES 5794 AND 5875. BATT. VOLTAGE REQ. 1.5, 6 & 115 VDC. WT: LESS BATT. 1 1/2 LBS. (613 GRAMS.) PRICES: MODULATOR ONLY LESS HUMIDITY AND SENSITIVE ELEMENTS \$3 TRANSMITTER ONLY \$4.95



RT-380/AR RECEIVER-TRANSMITTER 2 TO 18.5 MC C.W. PHONE, 100 WATT TRANS. AM CRYSTAL CONTROL ON 10 PRE SELECTED FREQ. RECEIVER 50 MW MIN. INTO 600 OHM LOAD. WITH TUBES 1/813, 2/811, 1/1625, 1/6AG7, 1/6V6, 1/12BE6, 2/12AU7, 2/12AL5, 2/28D7 & 4/6BA6. POWER REQUIRED 400 VDC @ 750 MA. 750 VDC @ 350 MA. AND 27 VDC FOR RELAY AC FOR FILAMENTS. (SAME VOLTAGES AS ART-13) (SIMILAR TO COLLINS 1854) SIZE: 15 1/2" x 7 1/2" x 23 1/2"; WT: 70 LBS. LESS CRYSTALS PRICE: USED LESS DYNAMOTOR \$49.50

R-1/ARR-1 HOMING RECEIVER

ADAPTER, converts 234-258 Mhz input signal to 540-830 KHz output. Input and output impedances: 50 ohms. W/ tuning dial, ant. trim, and 4/954 tubes. Unit has conversion possibilities. Requires 12/24 VDC 280/140 ma and 220 VDC 10 ma. Early WWII vintage. 3 1/2" x 4 1/2" x 12 1/2", 6 lbs sh. Used, \$9.95



KB9-A 16 MM MOVIE CAMERA USED TO RECORD STRIKES BY THE MILITARY. HAS 35 MM, F3.5 KODAK EKTAR LENS; VARIABLE APERTURE FROM F3.5 TO F16. FILM SPEED: 32 FRAMES PER SECOND. FILM CAPACITY: 35 FT 16 MM FILM. CAN BE ACUTATED BY REMOTE CONTROL. POWER REQUIRED: 27 VDC FOR DRIVE MOTOR AND HEATER. RED AND YELLOW FILTERS INCLD. SIZE: 7 1/2" x 2 1/2" x 2 1/2" SHPG. WT: 5 LBS. PRICE: NEW \$34.95

R-196C/ARW-26Y REMOTE CONTROL RECEIVER, MAY BE TUNED TO ANY FREQUENCY BETWEEN 60 AND 74 MHZ. APPEARS FREQ. CAN BE CHANGED SO THAT THE UNIT MAY BE ADAPTED FOR REMOTE RADIO SIGNAL ACTUATION AS POSSIBLY GARAGE DOOR OPENER, SECURITY SYSTEM ACTUATOR, ETC. ACCEPTS A SIGNAL MODULATED AT 300, 650, 955, 1390 AND 3000 HZ. AUDIO TONE OPERATES A SEPARATE RELAY FOR EACH FREQUENCY. THE 955 HZ RELAY ACTIVATED WHEN THE OTHER RELAYS ARE NOT. THE UNIT PERFORMS MOST EFFECTIVELY FROM VISUAL DIRECTION. RECEIVER CONTAINS AN HF AMP, DETECTOR STAGE AND FIVE AUDIO FILTERS. WITH SIX 12AU7 TUBES. 7 1/2" x 8 1/2" x 5 1/2"; WT: 8 LBS. USED \$9.95



CASES & CABINETS

TA-228/TCC-7 TRANSIT CASE; aluminum with hasp fasteners and side grasps. Interior size: 10 1/2" W x 18 L x 15 D. 20 lbs sh. Used, \$10.00



CY-1338/TRC TRANSIT CASE SAME STYLE AS ABOVE, 18 1/2" x 17 1/2" x 20 1/2", 29 LBS. \$16.00



CABINETS

STK.NO.	H X W X D	PANEL	DOOR	LBS.	COND.	PRICE
1015/39	10 1/2" x 22" x 15"	9 1/2"	TOP	25	USED	\$8.95
1313/60	13" x 19" x 13"	12"	"	30	"	\$10.00
CY-1693	16 1/2" x 22" x 14"	14"	NO	35	NEW	\$20.00

MS-5373, REAR ENTRY STYLE; HOLDS 8X19 RACK. OVERALL SIZE: 9 1/2" x 19 1/2" x 19 1/2"; SHPG. WT: 25 LBS. UNUSED, \$15.96



CAB-SG-299, 13 1/2" H x 9 1/2" W x 12 1/2" D panel; Closed rear w/cutouts for power cable and ventilation. Use vertically or horizontally. Unused, \$8.



GE-19-84 RACK, o/a 22Wx8Hx22D f/panel 19x80x20; front & rear doors. 2-rack braces; 200 lbs \$75.

FAA-19-76 RACK, o/a 21 1/2" x 76" x 21 1/2"; for panel 19x68x20. Rear door; steel. 175 lbs. Used \$80

FIBREGLASS CASE with hasp fasteners (not hinged). O/A 14 1/2" x 9 1/2"; usable 12 1/2" x 6" without removing spacers. 10 lbs. Used, \$5.



TS-382 TRANSIT CASE, o/a 15x19x15 1/2". Usable space without removal of spacers: 10x18 1/2" x 12 1/2". Not hinged; hasp fasteners. Aluminum, 35 lbs. Used, \$10.



CY-1097 PARTS CASE, o/a 14 1/2" x 8 1/2" x 7 1/2". Two 7 1/2" x 4" interior compartments; 6 1/2" x 7 1/2" has 1" cubed spacers. With miniature tube pin straighteners; hinged with hasp fasteners. 10 lbs. Unused, \$5.

ALUMINUM ENCLOSURE and frame from ant. coupler. Adapt as-is or re-work; 7 1/2" H x 10" W x 10" D. Front has cut-outs for 1 1/2" sq. meter and two connectors. Also removable 4 1/2" x 4 1/2" insulator. 8 lbs sh. #ENC/CU-991, \$5.00



OTHER RACKS & CASES AVAILABLE. WRITE NEEDS.

SPERRY BOMBSIGHT



SPERRY S-1 BOMBSIGHT, AN AIR-TO-GROUND MECHANICAL SIGHTING COMPUTER AS USED IN WWII AND LATER U.S. BOMBERS. UNIT IS AN EXCELLENT SOURCE FOR PRECISION GEARS, CAMS, AND SIMILAR CONTROL DEVICES. INCLUDES 28 VDC SPERRY GYROSCOPE; LENS/PRISM VIEWING SYSTEM WITH MIRROR LOCK AND POLAROID, CLEAR, BLUE, AND ORANGE FILTERS; AND TIMER WITH VERNIER MARKED "TIME OF FALL/SECONDS." ALSO CONTROLS FOR 0-80° SIGHTING ANGLE; 30° L-0-30° R DRIFT ANGLE; 0-400 TRAIL/MILS; AND BUBBLE LEVELER. SIZE: 21" H x 12" W x 18" D; SH WT: 100 LBS. IN TRANSIT CASE; 65 LBS. NET. \$100.

GYROS & SYNCHROS



TYPE A-4 COMPUTER GUN-BOMB ROCKET SIGHT, WITH TWO GYROSCOPES—ONE HORIZONTAL AND THE OTHER VERTICAL. SYNCHROS 150L1 AND 18DF1 SIGNAL ATTITUDE CHANGE OF THE GYROS. MONITOR INPUTS FOR PITOT AND STATIC WITH MANUAL ADJUST OF THE TRANSDUCER. WITH VARIOUS RELAYS, GEARS, AND OTHER PARTS FOR THE EXPERIMENTER. SIZE: 10 1/2" x 11 1/2" x 8"; SHPG. WT: 25 LBS. \$22.95

SILICON DIODES



SILICON DIODES; MOUNTED ON HEAT SINKS WITH MOUNTINGS. REMOVED FROM EQUIPMENT AND GUARANTEED TO BE OPERABLE. SILICON FULL BRIDGE, APPROX 100V. 5 A. S/T #5578-2 \$1.00
2C8R w/4/IN3208, 4/IN3208R, 2/TIERED MTG4x4x2.75
3C12R w/4/IN3208, 4/IN3208R, 2/IN3209, 2/IN3209R, 3-TIERED MTG4x4x4.25
ICIT 2N1557, 90 WATT, 40 V 15 AMP ON 3x4" HIGH COOLING HEAT SINK \$1.50

BAJ8-79, 2/2N686 (25 A. 250 PRV), 4x6x1, \$2.50

DI190 4/IN3208, 1/IN3208R, 1/3209, 1/IN3212, PLUS 10/RES, 4/CAP, 2/POT \$3

O-SCOPE VIEWING HOOD;



FITS OSCILLOSCOPE WITH 3" CRT. 11" LONG; BLACK RUBBER. MX-40A/APS-4, UNUSED, \$3.

VACUUM CAPACITOR

by Jennings with connectors. Unused.
3.0mmf 15kv "V" \$2.75
Jennings or equal mfg. used.
12mmf 20kv "VC" \$10.00
50mmf 32kv "VC" \$14.00

TRAVELING WAVE TUBE



EMI 7640 TWT, similar to Hughes 313H; 2.0-4.0 Ghz, 1 Kw output, 30 db. 16x3x5; 20 lbs. sh. Sold as an experimenter's item only; not guaranteed. \$17.50

ITT D-2013 CW TWT, 5 watts

33 db gain, 8.0-9.6 Ghz; 6.3 v. heater. 12x1x2 dia. 3 lbs. sh. Unused, \$45.00

RCA 4012/AL157 TWT, 2.0-4.0 Ghz, 36 db min., 20 MW min.

15x1 x 3x1/2 x 1 1/2" w. 4 lbs. sh. Unused, \$40.00

VARIABLE CAPACITORS, removed f/ T-195/GRC transmitter.

#C-222/T-195, 25-485 pf one sec.; 23-437 pf the other. 0.03" air gap. With gears 1 1/2" dia. and 5/8" d. 4x3x1 1/2 overall. \$4.95
#C-221/T-195, 13.5-77.8 pf one section; 17-99.6 pf the other. 0.094" air gap. 2 1/2" dia. shaft. 5x1x1 1/2 overall, 2 lbs sh. \$3.95
20-400 PF 0.02" gap. Ceramic insulation, silicon, silver plate. 5/8x1 1/2 dia shaft. 4x1-5/8 x1 1/2. #C-1003/T-195, \$4.95

TCS VARIABLE CAPACITOR, 2 SEC. 10-360 MMF, ONE SEC. 10-360 MMF, 3 BAND CALIBRATED DIAL 4" 1.5 TO 12 MHZ SIZE: 7x3x3 1/2; WT: 10 LBS #881 \$3.95 USED

Piston style glass var. 1-20mmf #9645 \$1.75

5910-193-8025 3 GANG 8-50 MMF 2000 VDC, ROTOR SECTION INSULATED FROM EACH OTHER. SIZE 3x2x1 1/2; 2 LBS. \$6.95

RF-3-14A164, 10-40mmf gap 0.04". 2x3x3x2 1/2 \$2.95

DIFFERENTIAL VAR. CAP., 7-75 PF EACH SIDE. .03" AIR GAP; 1x1x1 1/2, 5/8x1 1/2 DIA. SHFT. #309075V-37, \$1.95

VARIABLE AIR CAPACITOR 2.8 TO 8.5 MMF 5 PLATES P/O BC-640 TRANS. #A105262 3D9002VE8 \$1.79

FREQUENCY METER

VARIABLE CAPACITOR W/VERNIER TUNING 11.5-160MMF. 3x3x5; 2LBS. #BC-221 OR EQUAL NEW \$8

VARIABLE CAPACITOR

15-420 pf single section. 0.03" air gap. Shaft: 3/8" dia. threaded first 3/8"; 2" dia. next 3/8". Overall: 1-3/8x1-3/8 x1 1/2. #167-0459, \$4.95

#48B083C; 10-106 PF, .02" AIR GAP; 1x1x1 1/2, SHAFT: 1x1" DIA. UNUSED, \$1.50

Three Gang 0.03" spacing 15-85 each section. 3.2x1.6 x1.8 in. #074-049 \$4.95

BC-624 RECEIVER R.F. TUNER ASSY 100 - 156 MHZ A.M. W/VARIABLE CAP., COILS, TUBE SOCKETS, OSC. SEC. P/O SCR-522 5x5x5; WT: 7LBS 2ZK11150 Used \$3.95/N \$5.95

RF-OSCILLATOR TUNING CAPACITOR F/ MARK II RECEIVER;

GANG, 0-530 PF/GANG. 3x1x1 1/2 x6. 5/8x5/8" DIA. SHAFT. #76330-C, USED, \$4.95

TANK TUNING CAPACITOR FROM MARK II; 1-GANG, 0-563 PF. 0.03" AIR GAP; 3x2x1 1/2, 1x1 1/2 DIA SHFT. #76348-C, \$2.95

TUNING CAPACITOR F/ RT-176/ PRC-10, 38 TO 54.9 MHZ;

5-GANG, 5-33 PF/GANG. WITH 1 1/2" AND 5/8" DIA. GEARS; 3/16" DIA SHFT. 1x1-5/8x4, USED, \$4.95

BROADBAND TUNER

14-50 MHZ 10-150mmf var capacitor mechanically coupled to iron slug in a coil which moves as the capacitor is rotated. various other components. 3x2x3 #RT-45 \$1.95

TRANS. CAPS.

DUAL 4-30 MMF 1000 VDC 1 1/2x2, SHAFT 3/8x3 P/O BC-640 CARDWELL 430/1M REM \$2.95

DUAL 5-25 MMF 2000 VDC 1 1/2x4x2 SHAFT 3/8x3 P/O BC-640 CARDWELL 525/2M REM \$3.95

DUAL 4-20 MMF 2000 VDC 1 1/2x3 SHAFT 3/8x3 P/O BC-640 CARDWELL 420/2M REM \$3.95

DUAL 4-50 MMF 1000 VDC 1 1/2x3 SHAFT 3/8x3 P/O BC640 CARDWELL 450/1M REM \$2.95

BC-624/522 RECEIVER, 3 GANG 6-36 MMF EACH SECTION WITH SLUG TUNED TRIM. SHAFT 5/16 STK#3D9036V SIZE: 4x2x2 3/4; 1 LB. \$1.50

SINGLE 10-24 PF .04" AIR GAP; 1-5/8x1x2, 3/8x1 1/2 DIA. SHFT. #KS-8923, \$1.50

DUAL 6-22 MMF 1500 VDC 1x1 1/2x2 SHAFT 3/16x3 TELERADIO 622/15M NEW \$1.95

VARIABLE CAPACITORS removed f/ unused TU-10 tuning units.

0.09" air gaps. #T-7660443-4, 19-116 pf, 3/8x1 1/2 dia. shaft. O/A: 1x1x3x4 1/2, 2 lbs. \$3.95
#P-7761569, 14-62 pf, 1 1/2" dia. shaft. 2x2x2x4 1/2, \$3.95
#T-7660443-8, 8-26 pf, 5/8 x1 1/2 dia. shaft. Overall: 1x2x2x3, 2 lbs. \$3.95

COMMAND TUNING F/ TRANSMITTER

35-150 MMF 2000 VDC W/GEARTRAIN 4x2x3, 1 LB. 2C6397/C8 \$1.95

PRE-SELECTOR UNIT ASST PART OF R-48 REC.

230-250 MHZ. CONSISTS OF RF MIXER & OSCIL. USING 6AG5-2 EA. 9002-1 EA. TUBES (LESS TUBES,) FOR USE WITH 30 MC I.F. SIZE: 6x5x4 1/2; 5 LBS. USED \$5

GR PRECISION VARIABLE CAPACITOR

30-220 MMF, 1000 VAC, SHAFT 5/16x1 IN ALUM. CAST ING 4x5x5 1/2; 6 LBS. 4 HOLE MTG. 5910-667-6732 \$6.95

TU-53 OSCILLATOR PLUG-IN ASSY. FOR BC-610 TRANSMITTER

FREQ. RANGE 8-12 MHZ. CONTAINS VAR. CAPACITORS WITH SHAFTS 140 MMFD, 190 MMFD. 2/CERAMIC CAP. 1/MICA CAP. 4/R.F. COILS, 2/RES. 1/DPDT SW. 1/DIAL, 2/KNOBS, CRYSTAL SOCKET, AND OTHER PARTS. SIZE: 2x8x4 1/2; 4 LBS. \$3.95

5-25 PF CAPACITOR, worm gear & ceramic insulated shaft and stators.

Rotor plates on common metal shaft; .03" gap. Rating made with two sections in series. May be modified into two 10-50 pf sections. Gear shaft: 1"xl/8"d. Other 5/8"x1/4"d. O/A 4x2x1 1/2. Silver-plated. #710-460B \$6.95

RECEIVING TYPE CAPACITORS FOR AM-FM-AUDIO-OSCILLATOR USE WITH SHAFTS.

#48842 DUAL 12-90 MMF & 15-140 MMF SIZE 1x1x1 1/2 \$1.00

#66972 DUAL 9-50 MMF & 1-100 MMF, SIZE 1x1x1 1/2 \$1.00

#330V020-H02 DUAL 10-90 & 14-140 MMF 1 1/2x1 1/2x1 \$1.25

#CHC481060; 8-20 PF, 1 1/2x1 1/2; 3/8x1" D. SHFT. \$1.25

Dual 5-15mmf, ceramic, w/friction gear to hold setting. 0.04" spacing. 2x1x1 1/2x1 7/8 in dia shaft. coil & gear removeable. #358-3164 \$1.95

#KS21146L1, 3-GANG, 7-60 PF/SEC. 0.03" GAP. O/A 5x1x1 1/2x1 1/2, \$3.95

#NL981337-2; 35-180 PF; 3x1 1/2x1 1/2; 1 1/2x1 1/2" D. SHFT. \$2.95

#124-260; 15-245 PF; 1 1/2x1 1/2x2; 3/8x1 1/2" D. SHFT. \$2.95

3D9200V-19 4 GANG, 14-200 MMF 3x1x1 1/2x4 1/2 \$4.50

#C-111/ARN-6, 5-GANG, 13-402 PF/SEC. 9x3x3x1 1/2 \$5.95

AIR PADDER CAP

ALL PADDER CAPS. REQUIRE SCREW-DRIVER ADJUST.
351-1054 2-8 PF 49¢
D3535 2-20 PF 49¢

KTN48785 5-17 PF 49¢
KS36534 10-49 PF 49¢
SBL72655 2-8-32 PF 49¢
CTN481426 22-104 PF 79¢
406409 8-118 PF 79¢

JOHNSON #189-6-6; 1.8-13 PF 650 v. 7/16x7/16x9/16, 89¢

JOHNSON #T2-16; 1.9-15.7 PF 325 v. 9/16x5/16 DIA., 89¢

#3D9006V-7 DIFFERENTIAL, 3-6 PF, .045" GAP; 1x1x2, 1 1/2x1 1/2" D. SHAFT. NEW, \$1.95

HV VARIABLE CAPACITOR, 55-420 pf single section.

0.22" air gap. 13x3x6 1/2 plus 2x3x8" dia. shaft. #7765118, excellent, \$23.

COMMAND RECEIVER VARIABLE CAPACITORS,

3-GANG, TRIMMERS & GEARS. 2x3x4 1/2; 3 LB. #4601, 147 PF, 3-6 MHZ, \$4. #6558, 62 PF, 6-9 MHZ, \$4.

TRANSMATCH ASSY

ROTARY INDUCTOR, 16 TURNS, 5-4.5 MICRO-HY. W/VARIABLE CAP. 5-50 MMF. 2000V

RE-MOVED FROM EQUIP. DESIGN FOR 14-50 MHZ. SIZE: 2x5x5 4 LBS. #88H502 \$6.95

MAGNETIC FOCUSING YOKE WITH 2 MAG NETS MOUNTED IN RING.

RING SIZE 2-1/8" DIA. 5/8" W. 1" HOLE. MAG-NETS 5/8"x3/8x9/16 WT: 7 oz. # MAGNET CIR-7 PRICE: 35¢ 3 FOR \$1.00

T.V. TUNERS

UNITS HAVE NOT BEEN USED & ARE NOT GUARANTEED.

VHF CHANNELS 2-13 FREQUENCY 54-216 MC OUTPUT 41 MC

URC#27160 WITH TUBES 1/6ES8 & 1/6CG8. SIZE 4x4x3x4; \$4.95

URC#63K10-03 WITH TUBES 1/6KZ8 & 1/3GK5 SIZE: 2x2x3x3. \$5.95

UHF CHANNELS 14-83 FREQUENCY 470-890 MC OUTPUT 41 MC

URC#34834 WITH 1/2DZ4 TUBE OR EQUIVALENT. SIZE: 3x3x2. \$4.95

URC#86712 TRANSISTORIZED SIZE: 1 1/2x2x3 \$3.95

AM & FM TUNERS

AM FREQUENCY 550 - 1600 KC FM FREQUENCY 88 - 108 MC UNITS HAVE NOT BEEN USED

F.M. TUNER WITH 1/120T8 TUBE & DIAL. SIZE 3x2x2 URC#462 \$3.95
A.M. & F.M. TUNER SAME AS ABOVE URC#2H02 \$4.95

A.M. & F.M. TUNER WITH 1/12D8 TUBE NO DIAL 3x2x1 URC#7H02 \$3.95

F.M. TUNER WITH 1/6AQ8 TUBE, NO DIAL, 3x2x1 URC#4H02 \$2.95

SPIRAL INDUCTO TUNER 60-90MHZ W/50PF PARALLEL 3 SEC. SILVER PL. 4x TURNS. 3x1x2x2

#37695 RE-MOVED \$5.95

LC-902 ANTENNA INPUT TANK FOR TN-2A/APR-1 TUNING UNIT, FREQ. 76 TO 300 MHZ.

WITH VARIABLE CAPACITOR, COIL, AND 955 TUBE SOCKET. SIZE: 4x3x3 WT: 4 LBS. UNUSED \$9.95

LC-702 ANTENNA MIXER TANK FOR TN-3A/APR-1 TUNING UNIT

FREQ. 300 TO 1000 MHZ. WITH VARIABLE CAPACITOR AND COIL. SIZE: 2x3x3 WT: 3 LBS. PRICE: UNUSED \$6.95

LC-701 OSCILLATOR TANK FOR TN-3A. WITH VARIABLE CAPACITOR AND COIL. SIZE: 4x4x4

WT: 4 LBS. UNUSED \$8.95

Capacitors listed below are receiver style approx 500 volt spacing. 3x1x1 1/2x7/8 3 gang, each 15-280mmf #350ZLDD unused \$4.95

3 gang, 2/25-460, 25-180 mmf. 1/2 in shaft 1 1/8 in long #9776 unused \$4.75

3 gang, 15-365mmf each short 3/8 shaft. w/1.2in dia adapter. #906836 unused \$4.50

3 gang, 20-360, 20-280, 20-110. 2 speed drive, 1/2 & 1/8in dia shaft. #33V021H01 \$2.75

2 gang 25-460, 35-200mmf 3/8in shaft, 1/2in long 2x1x1 1/2 #221657 \$2.00

INSULATORS



STAND-OFF, CROWS FOOT, 7" Hx1 1/2" D. CAST BASE, 2 1/2" CTRS. TOP CAST W/3/16"-20 SCREW #5970-405-8992 \$4.00
SIMILAR, ABOVE 3" 3.00
" 10" 7.00

FEED-THRU INSULATOR (FIG 2) 1/2" HOLE 7/8" DIA. W/NECK 3" LONG 30¢ 5" LONG 40¢ 6" LONG 50¢ 8" LONG 60¢ STOCK NO. 1014-(LENGTH) SAME AS ABOVE OVAL TWIN-LEAD INSTEAD OF HOLE #1014X 3"-30¢/4"-35¢/8"-60¢ (OVAL)

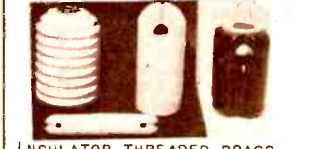
CONE 1" BASE 1-1/8" H, 1 1/2" T 10-24 THREAD. #CSJ-61028 35¢ EA. 4 FOR \$1.05

STK. #INS. #1015; FEED-THRU BRASS BOLT 6 1/2" LONG X 1/2" W/NUTS, SPLIT INSULATOR FOR 3/4" THICK MOUNTING WITH CORK WASHERS, OVERALL LGTH 3 1/2" X 2. 2LB. \$2.50

STK. #3G584 IN-84 FEED-THRU CONICAL SHAPE, 5" LG. O/A; 2 CONICAL SHAPED 1-1/8" LG. X 1 1/2" DIA. AT BOTTOM, 1" AT TOP, 1/4" DIA. ROD WITH 1/4 20 THREAD WITH NUTS/WASHERS 1LB. 25¢ EA. 5 FOR \$1.00

GLASS-BONDED MICALEX STRIPS 10" Lx1" Wx5/8" Th. Five holes .2" dia. #3G110-160, \$1.50

GE #K7102768P1, same as above, 7-3/8" Lx3 1/2" Wx3/8" Th. Ten holes, \$3.00 ea.



INSULATOR THREADED BRASS EACH END FOR 1/4" SCREW. #CLASS 16U-2 1/2x1 1/2" \$2.
" 16U-3 1/2x2" \$3.

INSULATOR STANDOFF FEED-THRU, THREADED ONE END; 3/8" HOLE. ACE-3" Hx1 1/2" \$1.

SPREADER INSULATORS
No. SIZE HOLE PRICE
IN-88 2 1/2x1 1/2 1/16 25¢
CSJ-61192 4 1/2x2 3/16 35¢
498-3827 1 1/2x1 3/16 \$2.

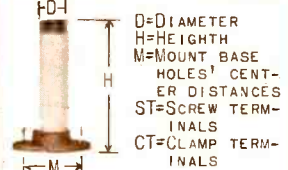
STRAIN INSULATOR
BROWN 2 1/2" x 1 1/2" HOLES EA END, OPPOSITE SIDES. #3G100
PRICES: 79¢ EA. 4 FOR \$3.
Box of 200 \$125.00

ART-13 TRANSMITTER ANTENNA INSULATOR PANEL; WITH 3 1/2x4 OBLONG INSULATOR WITH TWO SPRING-TYPE BINDING POSTS. ALSO A 1/2x1 and a 1/2x2 CONICAL INSULATORS WITH PUSH-TYPE BINDING POSTS. WT: 1 LB. COMPLETE ASSY. USED \$1.00

STAND-OFF INSULATOR H-1 1/2, B-1 1/2, A-1 1/2, 1/4" BOLT REQ. 1 1/2" MTG HOLE #PP-1048 NO HARDWARE 3 FOR \$1.00

STAND-OFF'S

STAND-OFF INSULATORS, CROWS FEET TYPE. BRASS AND PLATED BRASS BASES AND TERMINALS.



#B-H3-D1.25-ST3, BROWN CERAMIC; M=2.25". TERM. CAP SIZE: 7/8x1-5/8" DIA. SHPG. WT: 2 LBS. \$2.75

#B-H4-D1.25-ST2, WHITE; M=2.25". TERM. CAP: 1x1-5/8" DIA. 3 LBS. \$3.25

#W-H5-D1-ST, WHITE; M=2.25" TERM. CAP: 1x1" DIA. \$3.00

#W-H5-D1.25-ST, WHITE; M=2.625". TERM. CAP: 3/8x1 1/2" DIA. 3 LBS. \$3.75

#B-H5-D1.25-CT, WHITE; M=2.25". TERM. CAP: 1x1-5/8" DIA. 3 LBS. \$4.00

#BL-H6-D1.25-ST2, BLACK PAINT ON BRASS; M=2.625" TERM. CAP: 1 1/2x1 1/2" DIA. SHPG. WT: 4 LBS. \$4.25

#W-H6-D1.75-NTTH, WHITE; M=3.75". NO TERM. CAP. THREADED. 5 LBS. \$4.50

#B-H7-D1.25-ST, BROWN; M=2.25". TERM. CAP: 5/8x1-5/8 SHPG. WT: 3 LBS. \$4.75

#W-H8-D1.75-NTTH, WHITE; M=3.75". NO TERM. CAP. THREADED. 6 LBS. \$5.25

PORCELAIN STAND-OFF INSULATORS, SCREW THREADED.
#P-4H-.75D, 8-24 THRD, \$5.50
#P-5H-.75D, 8-24 THRD, .65
#P-6.75H-1D, 10-24 THR, .85



3 DIGIT COUNTER, VEECOR MFG. 1/2" DIA. GEAR SHAFT; 1/2" DIA. EXTERIOR SHAFT CAN BE GROUND TO 1". OVER-UNDER MOUNTING. 2 1/2x1 1/2x4 1/2; BC-1323 COUNTER \$1.00

FLEXIBLE COUPLING

Metal flexible coupling 2" x 1 1/2" for 1/4 to 1/4" shft. #COUN002 40¢ ea.

Insulated flexible coupling 1" x 1 1/2" for 1/4" dia shaft. #COUN003 35¢ ea.

CERAMIC COUPLING, 2x2 for 1/4" dia shaft. #COUN006 59¢ 2/\$1.

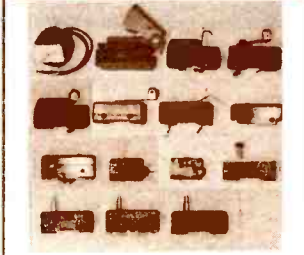
#COUN007; 1-5/8" dia. x 1/2", for 1/4" dia. shaft. 39¢
#COUN008; 2-5/8" dia. x 2", for 3/8" dia shaft. 79¢ ea.



SELECTOR SWITCH 15 BUTTON, MAKE ONE BREAK ONE, RELAY RELEASES ALL BUTTONS WHEN ACTIVATED, 115 VAC OR 24VDC SIZE: 1 1/2x1 1/2x2; WT: 7 LBS. URC#1524115 NEW \$3.95

SIX PUSH-BUTTON SWITCH, MAKE & BREAK EA. SIDE, EA. SW. AUTO-RELEASE. #6105-901-6365 \$3.95

MICRO SWITCHES



SPST, R-RL2, NORMALLY CLOSED ROLLER LEVER ASSEMBLY, 15 A 125/250V. 2 1/2x5/8 \$5.50

SPDT; 3Z-3R244T4; ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER; 2x1x1 1/2 .30

SPST; WHBT349A-1, NORMALLY OPEN. LEVER PLUNGER. 2"x1" x5/8". .30

SPDT; BZ-2R; ONE SIDE NORMALLY, OTHER CLOSED; PUSH PLUNGER ASSY. W/MOUNT. 2x1x1 1/2 .50

HRO7-1P SPST NORMALLY OPEN, 115 V 10 A. 3/8" PLUNGER. \$1.75

DPDT; MS25008, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. EXTENDED BUTTON PLUNGER. 2 1/2"x2"x1" \$1.50

DXGB-5 SP NORMALLY OPEN, MOUNTED IN HEAVY FRAME. 1 1/2" PLUNGER 2 1/2x2 1/2x2 1/2 \$1.00

SPDT; WHBT349B-1; ONE SIDE NORM. OPEN, OTHER CLOSED. LEVER PLUNGER 2x1x1 1/2 .30

SPST; MU SWITCH TYPE D; SPLIT DIE CAST ENCLOSURE 1/8" TAP CONDUIT HUB; 17/8.5A 125/250V. Push PLUNGER; 2 1/2x2x1 .75

WZ2RW80-D5 SP NORMALLY CLOSED 3" LEVER. 2x3/4 sw. 60¢

SPST; 2MC3-1A, NORMALLY CLOSED. PIN PLUNGER. 1 1/2"x1 1/2"x1 1/2". .45

SPST; SW-186, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2"x1 1/2"x5/8". .25

SPST; G-RS, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2"x1 1/2"x5/8". .40

SPST; MO7-102T, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2"x1 1/2"x5/8". .40

SPST; WZ-RS9, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2"x1 1/2"x5/8". .40

V3 MICRO-TYPE 10 A. 125/230 A.C. SIZE 9/16x1x3/8

V3-21 SPST NORMALLY CLOSED.

V3-23 SPST " " OPEN

V3-1 SPDT 1/S NO 1/S NC

V3-21 & 23 35¢ V3-1 50¢

E4-78 MINATURE ELECTRO SNAP 3/8x3/4x1/4 40¢

YZ-3RLTC SPST NO 15 A. AC. LEVER TYPE 1 1/2x2x5/8 40¢



DPST one side mom. (f) toggle; Alco #CST-023TA, 65¢

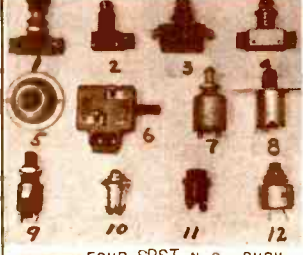
SPDT n.o./n.c., push button (g); Licon #76-2450, 85¢

DPDT on-on slide (h), 4/31.

DPST sub-mini slide switch; Chicago EIA 50, 5/31.

Interlock switch (i); 10 A. Cherry #E69-30A, 85¢

PUSH SWITCHES



FOUR SPST N.O. PUSH-BUTTONS ON 3"x3" CHROMIUM PLATE. TWO COMMONS; TWO BUTTONS PER COMMON. USED. #PSW4-2C, 85¢

SPST NORMALLY OPEN; 3A/250. PSW002 .35

DPST NORMALLY OPEN; 1A/250. PSW004 .35

MICRO-SW. SPDT, RED BUTTON, 15 A.A.C. MTG. HOLES 1 1/2" CENT. 2 1/2x1 1/2 #71BP2 \$2.00

JPST INTERLOCK, NORMALLY OPEN. (329825/254) PSW006 .35

SPST PULL SWITCH, NORMALLY OPEN. PSW007 .35

SPST NORMALLY CLOSED; CASING AS GROUND; 1/2" SCREWS REQUIRED FOR MOUNT. PSW008 .35

SPST, NORMALLY OPEN PSW010 .35

SPST, PUSH-LEVER SWITCH, 115 VAC 20 AMP; SILVER CONTACTS. P/O 1-199 #1-199-S67 .65

SPST, NORM. OPEN, FITS 5/8" HOLE. J-3-PE .39

FOOT SWITCH

DUAL FOOT PEDAL SWITCH, 20 amp norm. open. Depress pedal to make; release to break. With 7' 3-cond. heavy cord. 4x4 1/2 x1 1/2, 4 lbs. #LR-FP, \$6.95

FIVE-PUSH SWITCH 2PST NORM. GL. 1PST NORM. OP. 1PDT. 5x3x1 #PSW022- \$1.00

MORE --- DOLLAR DAZE

TOGGLE SWITCHES, SPST out-offs, 5/\$1.00 13

PUSH SWITCHES, SPST norm-open, 5/\$1.00 14

PUSH SWITCHES, SPST norm-closed, 5/\$1.00 15

SLIDE SWITCHES, 2PDT AND SPDT, 5/\$1.00

SWITCHES

MINIATURE SWITCHES, all new. Black: blk. White: wh.

DPDT on-on, blk. or wh button (a); C&K #8221, \$1.00

SPDT on-off-on, wh. toggle (b); Alco #MLD106E, \$1.20

DPDT on-on, blk. toggle (b) C&K #U21, \$1.00

SPDT on-on, blk. rocker (c) JBT #MR2-123, \$1.00

SPDT on-on, wh. rocker (d); C&K #7101, 85¢ ea.

DPDT on-on, blk. rocker (c) C&K #7201, \$1.00

SPST red or wh. tog. (e), not mini. CH#8381K22 \$1.75

SWITCHES



AIRCRAFT TYPE SWITCH TWO HOLE MOUNTING FIG. #1

CIR CON RATING NO PR
SPST NEW 5/125 B-15 .65
ABOVE MOMENTARY N/CLOSED
SPDT REM 15/125 3022-7 .35
(ABOVE CENTER-OFF, MOM.)
SPDT NEW 15/125 B-1B .30

SPOT REM 5/125 B-7A .55
(CENTER OFF, MOM ONE SIDE)

TOGGLE SWITCHES

TOGGLE SWITCHES SINGLE HOLE MOUNTINGS: CONDITION NEW & "REM" REMOVED FROM EQUIPMENT, ALL GUARANTEED.

CIR CON RATING NO PR
SPST NEW 8/125 8817K2 .35
(ABOVE SWITCH MOMENTARY)
SPST REM 6/125 SW-105N .30

SPDT REM 8/125 ST-13D .25
("N" BOTH SIDES)

DPST REM 3/125 7463954 .25

DPST REM 15/125 ST-50K .40

DPDT REM 3/125 SW3125 .30

DPDT REM 5/125 ST-22R .35

3PST NEW 15/125 SW3115 1.00

4PST REM 15/125 7661K5 1.00

TEN PUSH SWITCH STRIP EACH D.P.D.T. INDIVIDUAL HOLD OR COLLECTIVE OR RELEASE, NEW 12x4x3/4; NO.4C5231 \$2.25

ROCKER SWITCHES 0319 SPST 39¢ 3 FOR \$1.00

0348 DPDT 59¢ 2 FOR \$1.00

0320 SPDT MOMENTARY BOTH SIDES. 65¢ EA. 2 FOR \$1.20

0347 DPDT MOMENTARY BOTH SIDES. 80¢ EA. 2 FOR \$1.50

PUSH BUTTON SELECTOR WHITE BUTTONS, 1 THRU 4 SEPARATE CONTACTS, 5, 6, 7 MAKE 2, 3, 4 RESPECTIVELY W/COMMON. RED BUTTON RELEASES ALL. RATED @ 120/240VAC 8A SIZE: 4 1/2x1 1/2x2 1/2; WT: 2 LBS. GE#5P8128-417 UNUS \$1.75

LEVER SWITCHES

4PDT ONE SIDE 2PDT OTHER SIDE, BOTH SIDES MOM.# 1155 NEW \$2.00

2PDT ONE SIDE, OTHER 2 MAKE, P/O EE-2, USED \$1.00

8PDT & 4MAKE MOM. ONE SIDE OTHER SIDE ONE BREAK HOLD. CENTER OFF. SW-1323 USED \$1.

4PST EA. SIDE NORM. OPEN & HOLD, CTR. OFF 329818-9.1 N \$2.

2PDT ea. side of switch, no center off. SE#649-31 \$2

PUSH TYPE IP, NC/IP NO. 2/ SPDT SINGLE HOLE MTG. WE#168173 UNUS \$2.00

4PDT HOLD BOTH SIDES, CTR OFF, SINGLE HOLE OR 4SCREW MTG. SWITCHCRAFT 4PDT N \$2

2PST ONE SIDE ONLY HOLD, CTR OFF, ONE HOLE MTG. SWITCHCRAFT 513148 NEW \$1

PUSH-TO-TEST



PUSH TO TEST INDICATORS WITH MARKINGS ALSO HAVE CLEAR & AMBER LENSES

KORRY MFG., ALL UNUSED.

KORRY 260 PUSH-TO-TEST INDICATORS, DOUBLE LAMPHOLDER WITH MINIATURE BAYONET BASES. 1 1/2" x 3/4" x 2 1/2" DIA. NEW. CHOOSE FROM THESE LENS INSCRIPTIONS: POWER, AC POWER ON, PHASE B POWER, 28 VDC OR 24 VOLTS DC. \$1 EA, 3/\$2

KORRY 260 INDICATORS WITH ROCKET LAUNCH-RELATED INSCRIPTIONS: LN₂ OVERFLOW; LN₂ LOWER LEVEL; LN₂ UPPER LEVEL; 100% LIQ OXY; LIQ OXYGEN FINE; 1200 PSI AFT SPHERES; JET PRESSURE; 110°C THERMOSTATS; EJECTOR; IGNITOR; COOLANT VENT VALVE; HYDRAULIC ACTUATOR TEST - POWER; LOX VENT VALVE; 750 PSI SUPPLY LOW; STBY HEATER COMMAND; 400 CPS DRIFT TIMER, 75¢ EA. OR 4 FOR \$2.00 ASSURMENT OF ROCKET LAUNCH INDICATORS, NO CHOICE, 6/\$2

KORRY 136 PUSH-TO-TEST INDICATORS, SINGLE LAMPHOLDER WITH MINIATURE BAYONET BASE 1 1/2" x 3/4" x 2 1/2" DIA. INSCRIPTIONS: STANDBY; POWER ON; OVERLOAD; LOW; MALF. 65¢ 2/\$1.

KORRY 103 INDICATOR, PUSH-ON RED PLASTIC CAP, PLASTIC BODY. 5/8" SINGLE HOLE MOUNT. #5167, 50¢ EA. 3/\$1.

LAMP HOLDERS FOR 327 LAMPS 3/8" HOLE MTG. FLAT TOP LENSE 3/8" DEEP,

WHITE LENS NUMBERED 1 TO 9, YELLOW ("MAX"), RED, AMBER, AND GREEN. SPECIFY. #6210-617-0934, 39¢ EA. #327 LAMP FOR ABOVE, 39¢

NEON CYLINDRICAL TYPE LITE #3509 115V 100K 3/8x1 1/2" ELDEMA V W/RES. 3/8x1 1/2" #2685 28V .04A 1/4x7/8

OBLONG SLIP IN TYPE NEON 1/2x1-3/8" 125V. #3100 USED ALL ABOVE 3 FOR \$1.00



500 KHZ FILTER



COLLINS 500 KHZ FILTER ASSEMBLY consisting of nine adjustable coils and associated capacitors on 1 1/4x6 enclosed chassis. Uses MB style miniature connector. Units are checked, but may need alignment. Collins part #542-4777-004, \$5.00 Above, need repair, 2/\$4.00

INDUCTORS

FERRITE POT CORE INDUCTORS, PC mount; 7/8x2" dia. NEW. 123-177 mH, #NV243, \$1.50 600 mH, #404-3-2, \$1.50 TORROIDAL COILS, 5/16x1 dia 150 mH, #403-1-1, 85¢ ea. 300 mH, #403-2-1, 85¢ ea.

TELEPHONE PICK UP COIL used in modern data coupler; no specs. 5/8x1 1/2 dia #403-4 \$1



ART-13 ANTENNA LOADING COIL FORM; space wound f/ 43 turns #14 wire. 5x2 1/2 x2; 1 lb. #ART13L13, \$1.

PLUG-IN 5 PRONG CERAMIC WITH APPROX. 20 TURNS #14 WIRE. SIZE: 3/4x1 1/2; 8 1/2. #5P-20T-14W \$2.00

ANTENNA TUNING INDUCTOR COIL ONLY FOR COMMAND TRANSMITTERS. NO SIDE BRACKETS OR ROLLER CONTACT ASSY. NOT AVAILABLE FOR ALL FREQ. GIVE 1ST, SECOND AND 3RD, ETC. CHOICES. 2C6596A/J-COIL USED \$3.95

ART-13 H.F.O. TUNING COIL SPECIAL PRECISION WOUND INDUCTOR. L-101 4x1 1/2x1; #ART-13-643 \$2.00

FLUTED KNOBS



OHMITE KNOB, 3/4" dia. w/ pointer; fits 3/8" dia. shaft. \$2.95

LUXITROL KNOB, 2-3/8" dia. w/pointer; fits 3/8" dia. shaft, \$1.50

#9682 KNOB, 2 1/2" across flutes; 3" dia. skirt. F/ 1/2" dia. shaft, \$1.85

7 1/2" dia. WHEEL-TYPE CONTROL, fits 3/4" dia. shaft. 2 lbs. w/pointer \$4.95 Without, \$3.95

1" DIA. FLUTED KNOB WITH 2 1/2" NON-LINEAR CALIBRATED DIAL. BRASS INSERT WITH 1/2" DIA. HOLE. KNB003 \$2.25

1-5/8" DIA. FLUTED KNOB W/2" SKIRT; FITS 1/2" SHAFT. URC# S-649, \$1.25 NEW

1 1/2" DIA. FLUTED KNOB WITH SKIRT AND POINTER. BRASS INSERT FOR 1/2" SHAFT. KNBNO05 \$2.25

MODERN GREY KNOB w/fine-ribbed side. 1 1/2" dia x 9/16"H. F/1/2" dia sh. #7577 NEW \$1.

1" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR 1/2" SHAFT. KNBNO07 \$2.25

1" DIA. FLUTED KNOB WITH BRASS INSERT FOR 1/2" SHAFT. KNBNO08 \$2.25

ALL THE ABOVE KNOBS ARE OF BRASS SCREW TYPE.

SPIN KNOBS

2" DIA. METAL FLUTED SPIN KNOB FOR 5/32" SHAFT. KNBNO09 \$2.79

2 1/2" DIA. SPIN KNOB. METAL. TAKES 3/16" SHAFT. #8089 NEW \$2.00

MAKE ANY FLAT KNOB A SPIN 1 1/2" ADAPTER WITH 3 HOLES, TO FASTEN TO YOUR KNOB, WITH SPIN GRIPPER#225816-3 \$1.00

1-5/8" DIA. METAL SPIN KNOB F/3/8" SHAFT. URC#KN02, \$1.50

1 1/2" DIA. FLUTED KNOB W/1 1/2" SKIRT; BRASS INSERT FOR 3/8" SHAFT. URC#KN04, \$1.50

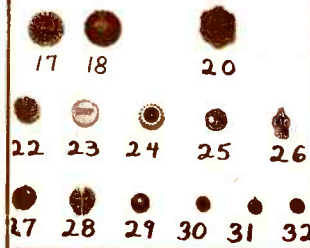
1-5/8" DIA. FLUTED KNOB W/2" SKIRT; BRASS INSERT FOR 3/8" SHAFT. URC#KN03, \$1.75

2-3/8" DIA. FLUTED KNOB W/3/8" POINTER; FITS 3/8" DIA SHAFT. #LUXITROL, \$1.50

1-5/8" DIA. PLASTIC KNOB WITH 2 1/2" DIA. ALUMINUM SKIRT, CALIBRATED 0 TO 10. BRASS INSERT FOR 1/2" SHAFT. #9414 NEW \$1.50

1-1/8" DIA. FLUTED PLASTIC KNOB WITH 1 1/2" DIA. SKIRT. BRASS INSERT FOR 1/2" SHAFT. #9347 NEW \$1.50

1" DIA. PLASTIC KNOB WITH 1 1/2" DIA. SKIRT. CALIBRATED ALPHABETICALLY A, B, ... Y, Z. SKIRT ALUMINUM. 1/2" HOLE. #5312 NEW \$1.50



BAR TYPE KNOBS

BAR TYPE BAKELITE KNOB FOR 1/2" SHAFT. 1 1/2" x 3/4" x 5/8". SET SCREW TYPE. KNBNO12 \$2.25

BAR TYPE BAKELITE KNOB FOR 1/2" SHAFT WHICH MUST BE TAPED FOR SET SCREW. 1 1/2" x 3/4" x 5/8". KNBNO13 \$2.25

RECTANGULAR BAR TYPE BAKELITE KNOB 1 1/2" x 3/4" x 5/8". WITH BRASS INSERT FOR 1/2" SHAFT. SET SCREW TYPE. KNBNO14 \$2.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR 1/2" SHAFT TAPED FOR SET SCREW. 2" x 3/4" x 3/4". KNBNO15 2/\$2.25

Bar type bakelite knob with pointer. For 1/8" shaft; vertical set screw. 1 1/2" x 5/8" x 3/4". KNBNO16 4/\$1.00

Rounded bar style knob, 1-1/8" long x 1/2" across x 1 1/16" H. Brass insert f/ 3/8" dia sh. #KNART13 3/\$1.

1 1/2" DIA. METAL KNOB FOR 1/2" SHAFT WITH TWO SET SCREWS. FINGER GRIP KNOB FOR HEAVY SWITCHING APPLICATIONS. KNBNO18 2/\$3.50

HAMMARLUND DIAL #31227-3 2 1/2" x 1-5/8" KNURLED KNOB WITH SKIRT DIAL MARKED 10-0 SILVER EDGED #E9821 \$1.50

1 1/2" BAKELITE KNOB FOR USE WITH 1/2" SHAFT. USED FOR APPLICATIONS WHERE EXTRA GRIP IS REQUIRED. 1 1/2" HIGH. KNBNO20 \$2.50 EA. 5/\$1.00

3/4" RIBBED KNOB 7/8" DEEP 1" SKIRT F/1/2" SHAFT DULL BLK. KNB7820 35¢

5/8" x 3/4" SAME AS ABOVE BRIGHT BLK. KNB1261 20¢

1" dia. x 1 1/16" high knob, Ribbed style; Insert recessed 1/4" from base for flush fit. KNE2279, 30¢ ea.

1 1/2" KNOB MARKED "INCREASED OUTPUT". 1/2" HOLE WITH SET SCREW. 3/8" THICK, METAL. KNBNO23 \$2.25

1 1/2" PUSH-ON KNOB FOR 1/2" SHAFT, W/MODIFICATION, BROWN KNBNO24 2/\$2.25

BROWN BAKELITE 1" DIA. KNOB KNURLED SHAFT OF 1/2". 3/4" HIGH. KNBNO25 2/\$2.25

BAKELITE POINTER KNOB WITH BRASS INSERT FOR 1/2" SHAFT. 1 1/2" x 1" x 3/4". KNBNO26 \$2.25

MATCHED KNOBS, ROUNDED EDGE W/4 SETS OF 4 HASH RIDGES, LOOKS LIKE OLD HAMMARLUND. #E5168 2 1/2" \$3 #E5570 1 1/2" \$2

HALLICRAFTERS, WITH BIG 1 1/2" DIA. ARROW & GRIP BAR. H#81014 NEW \$1.00

MINIATURE LAMPS

STK#	TYPE	V.	A.	BASE	BULB	EA	PKG.	10
225950	LM-50	2	.25	MIN SC.	G-6	.20		.75
225950	511	2	.25	MIN SC.	G-6	.20		.75
68521	LM-21	110	400	MED SEC.	G-30	.50		4.00
(LM-21 P/O SIGNAL LAMP EQUIPMENT EE-80)								
6240-6594	LM-41	110	6W	CAN SC.	#R	.20		1.50
626806.6	TS87	6-8/15CP		CAN/BAY	S-8CL	.35		3.00
225985.2	351	1.3	.1	MIN BAY	G3 1/2	.15		1.00
8870-775		150		CAN SC.	6S6 CL	.20		1.00
225954	LM-54	105-125		LEADS	T-2	.20		.75
6240-7126		55	5W	MED SC.	S-14	.25		2.00
DE EVRY494 (RED)		125	25W	CAN SC.	T-6	.25		2.00
225949	LM-49	28	1.7	MIN BAY	T3 1/2	.25		2.25
6240-3394	JS6/5	115		DC BAY	--2	.20		1.75
	502	.15		MIN SC.		.20		.75
GE-313	#313	28	.17	MIN BAY	T-3 1/2	.35		2.50
PR-10	FLASHLIGHT	6	.5	5D CELLS	L-1	.15		1.00
	480	22	.55	MIN SC.	G-6	.30		2.00
225882		18	.11	CAN SC.	T-3 1/2	.20		1.00
626827	LM-30	27	1	CAN BAY	T-8	.20		1.00
	NE-2			1/17 AMP 2F	SLIDE BASE	.10		.75
	405491-K1			K1 SLIDE BASE		.10		.75
NE-51	neon glow	115	1/2	W min bay	T-3 1/2	.40		3.00
#47 BULBS	6.3 V .15 A.			MIN. BAY.	T-3 1/2	.20		10/\$1.

2C39 ASSEMBLY

225-350 MHZ TRANSMITTER TUNING ASSY. using 2C39 tube in power amp and mixer and 6F4 in oscillator and doubler. Tuned circuits ganged for single knob control. Also 4.5 V 12 RHM motor. Removed from ARC-12 transceiver. 10x6 1/2 x4, 9 lbs sh. #KS-10362 With 2/2C39, 2/6F4 \$20. Less tubes, \$7.95

VERNIER DIAL, 2 1/2" dia. 0-100 scale 180 degree with coupling for 1/2" shaft. #TU-10VD \$1.1

HIGH ANGLE DRIVE vernier control, 1 1/2" dia. dial, w/lock & coupling f/1/2" shr 3-hole mtg. #TU-10RA, \$2.

SPECTROL MULTI-DIAL #25-1-13 11 turns, 1099 digits. 13/16" dia. f/1/2" dia. shaft. Used, \$5.

SEALED BEAN MARINE TYPE 600 WATT 28 VOLT GE G600 PAR 56/1 SCREW TERMINALS PRICE: \$6.00 EA. WRITE FOR 100 LOT PRICE.

GRIMES LAMP ASSY. #4725-24 WITH 327 GRAIN/WREAT BULB. 6220-333-5827 59¢ EA. 2 FOR \$1



SIGNAL GENERATORS



HEWLETT-PACKARD 606A, 50 KHz to 60 Mhz AM in six bands. Output: 0.1 uv to 3 volts into 50 ohms, vernier and step controlled. Features constant output and modulation and low distortion.

10x19x13 $\frac{1}{2}$, 50 lbs sh. Used, checked, \$795.00

TS-418/URM-49, 400-1000 Mhz AM, CW, pulse. Output: 0.2 to 200K uv into 50 ohms. 12x17 $\frac{1}{2}$ x13 $\frac{1}{2}$, 70 lbs sh. Used, repairable, \$175.00

TS-419/URM-64, 900-2100 Mhz CW and pulse $\frac{1}{2}$ 1 MW max. into 50 ohms. Repetition rate between 40 and 4000 pulse/sec. Delay: 3 to 300 u-sec. 14x17 $\frac{1}{2}$ x11, 50 lbs sh. Used, repairable, \$165.



TS-403/URM-61, 1.8-4.2 Ghz CW, FM, pulse $\frac{1}{2}$ 1 MW into 50 ohms. Similar to HP-616B. 17 $\frac{1}{2}$ x13 $\frac{1}{2}$ x13 $\frac{1}{2}$, 65 lbs sh. Used, repairable, \$185.00

AUDIO OSCILLATOR

TS-382* AUDIO OSCILLATOR, 20 Hz to 20 KHz in four bands. Output: 0 to 10 volts across 1000 ohms. With built-in 60 and 400 Hz REED FREQUENCY METER. Size: 10x12 $\frac{1}{2}$ x10 $\frac{1}{2}$, SHPG. WT: 50 LBS. NET: 45 LBS. PRICE: USED, REPAIRABLE, \$49.50. CHECKED, \$65.



TS-382F AUDIO OSCILLATOR, most recent version TS-382. Used, REPAIRABLE, \$60. CHECKED, \$75. TRANSIT CASE F/TS-382F, used, \$10.00.

50 TO 400 MHZ FM



SG-3/URM-70 FM SIGNAL GENERATOR, 50-400 Mhz in three bands. Internal modulation $\frac{1}{2}$ 1000, 1600, or 20000 Hz. External: 250 to 75 KHz. FM deviation: 0-15-75-150 KHz (50-100 Mhz), 0-30-150-300 KHz (100-200 Mhz), and 0-60-300-600 KHz (200-400 Mhz). Output: 0.1 to 100K u-volts, -25%. 50 ohm output. Power required: 115 VAC 60 Hz. 15x11 $\frac{1}{2}$ x17 $\frac{1}{2}$; 80 lbs sh. Used, repairable, \$225.00 Checked, \$295. MANUAL, partial repro, \$10.

GENERAL RADIO VTVM

GENERAL RADIO 726A VACUUM TUBE VOLTMETER, the old GR-style in $\frac{1}{2}$ " thick walnut cabinet dating to late-1930's. Measures peak RMS voltages with full scale ranges 0-1.5-5-15-50-150 VAC. Input impedance: 5 megohms at audio frequencies; decreases at higher frequencies with 380 Mhz resonance when probe is used. Has tubes 1V and 6Q7 and schematic. requires 115 VAC 60 Hz. Size: 9 $\frac{1}{2}$ x7 $\frac{1}{2}$ x13 $\frac{1}{2}$; 21 lbs. sh. Used, repairable-less probe, \$27. W/probe, \$35



VOLTMETER-VLF RECEIVER



ME-71/FCC AUDIO LEVEL METER, covers 20 to 300 KHz CONTINUOUSLY TUNABLE. AS SELECTIVE DETECTOR, IT MEASURES RF CARRIER ACROSS A 135 OHM BALANCED OR 600 OHM UNBALANCED LINE. VARIABLE ATTENUATOR PROVIDES INPUT SENSITIVITIES FROM -70 TO -42 DBM INDICATED ON 3 $\frac{1}{2}$ " DIA. METER. INCLUDES 100 KHz CALIBRATOR. INPUT IMPEDANCE: 10K OHMS. AUDIO GAIN AND TWO PHONE JACKS. VARIOUS MODELS ("C" PICTURED). POWER REQUIRED: 115 VAC 60 Hz. 17x14x9; 40 LBS SH. ME-71, w/NATIONAL-TYPE DIAL, USED, \$40.00 ME-71B, USED, REPAIRABLE, \$45. ME-71C, \$50. OPERATIONAL, ADD \$30. MANUAL, REPRO, \$8.50

DISTORTION ANALYZER



HEWLETT-PACKARD DISTORTION ANALYZER MODEL 330BR.

WILL GIVE QUICK ACCURATE MEASUREMENTS OF DISTORTION AS LOW AS 0.1% AT ANY FREQ FROM 20 CPS TO 20,000 CPS

IT WILL MAKE NOISE MEASUREMENTS OF VOLTAGES AS SMALL AS 100 MICROVOLTS. THE ANALYZER HAS HIGH SENSITIVITY AND HIGH STABILITY. ITS CIRCUIT 20 DB AMPLIFIER, OSCILLOSCOPE TERMINALS, AND PRECISION VACUUM TUBE VOLTMETER WHICH IS USEABLE SEPARATELY. EXCEPTIONALLY USEFUL FOR ALL KINDS OF AUDIO MEASUREMENTS IN RECORDING, BROADCAST, MOTION PICTURE, LABORATORY ETC. SIZE: 8 $\frac{1}{2}$ x19 $\frac{1}{2}$ x13 $\frac{1}{2}$ (RACKMOUNT) WT: SHPG. 40 LBS. PRICES: USED REPAIRABLE \$185. CHECKED \$225.

TS-723-C SPECTRUM ANALYZER, MILITARY VERSION OF HP-330B; USED, REP, \$165. CHECKED, \$210

FM SIGNAL GENERATOR

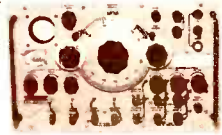
SG-12/URM- FM SIGNAL GENERATOR, 19.5 to 102 Mhz FM IN FIVE BANDS WITH DEVIATION RANGES 0 to 25, 50, AND 100 KHz; 1000 Hz MODULATION. ALSO IF OUTPUTS ON 1.4, 2.5, 5, 2.65, 2.88, 4.3, 4.45, 5.0, 5.35, 15 Mhz, PLUS TWO SPARE POSITIONS.

CALIBRATED OUTPUT VOLTAGES: 0.5 uv to .01 VOLTS (RF); 0.5 uv to 1.0 v (IF). OUTPUT IMPEDANCES: 10 OHMS (RF); 25 OHMS (IF). WITH 1 Mhz AND/OR 2 Mhz CRYSTAL CALIBRATOR MARKERS. POWER REQUIRED: 115/230 VAC 50-1000 Hz. SIZE: 12x18x12; SHPG WT: 85 LBS. USED, REPAIRABLE, \$165. CHECKED, \$225.00 MANUAL FOR SG-12. PARTIAL REPRODUCTION. \$12.



FREQUENCY COMPARATOR

CM-212/USM-144 FREQUENCY COMPARATOR, USED WITH FREQ. COUNTERS TO DETERMINE WITH HIGH ACCURACY FREQUENCIES FROM 10 Mhz TO 12.4 GHz. MEASURES CW, FM, AND PULSE MODULATED RF SIGNALS. AN UNKNOWN SIGNAL IS FED INTO THE USM-144 AND IS COMPARED TO A MIXED FREQ. GENERATED FROM A STABLE AND CONTINUOUSLY ADJUSTABLE FUNDAMENTAL FREQ. FROM 100 TO 220 Mhz. THE DIFFERENCE IN THE UNKNOWN IS SHOWN ON A 2" DIA. (2BP1) SCOPE. FINAL DETERMINATION OF THE INPUT SIGNAL IS MADE BY THE ZERO BEAT OF THE FUNDAMENTAL FREQ. AND THE MULTIPLYING OF THAT VALUE BY THE APPROPRIATE HARMONIC. POWER REQUIRED: 115 VAC 50-440 Hz. SIZE: 19 $\frac{1}{2}$ x13 $\frac{1}{2}$ x13 $\frac{1}{2}$, SHPG. WT: 65 LBS. USED, REPAIRABLE, \$99.50



USM-144 MANUAL, PARTIAL REPRODUCTION, \$8.50

MULTIMETER



ME-260/U MULTIMETER MEASURES AC OR DC VOLTAGES AND RESISTANCES AT FREQUENCIES FROM 20 Hz TO 700 Mhz. AC VOLTS SCALE: 0 to 1, 3, 10, 30, 100, and 300 VAC. DC VOLTS RANGE: 0 to 1, 3, 10, 30, 100, 300, and 1000 VDC. RESISTANCES MEASURED FROM 0 TO 500 MEGOHMS IN SEVEN RANGES. DC INPUT IMPEDANCE: 122 MEGOHMS; AC INPUT IMPED: MORE THAN 0.1 MEGOHMS AT 100 KHz. UNITS ARE COMPLETE WITH PROBES, EXCEPT TIPS OF AC PROBES ARE MISSING. POWER REQUIRED: 115/230 VAC 50-1000 Hz. SIZE: 7x11x7 $\frac{1}{2}$ SHPG. WT: 15 LBS. PRICE USED REPAIRABLE \$55.00, USED CKD \$75.00

TS-505 VOLTMETER

TS-505/U VACUUM TUBE VOLTMETER with ranges 0 to 2.5, 5, 10, 25, 50, 100, 250, and 500 Vrms and VDC plus 1000 VDC scale. Also X1 thru X1 Megohm ranges. AC scale is peak indicating. Frequency response: 30 Hz to 5 Mhz. With AC, DC, and ohm probes. Power required: 115 VAC 60 Hz. 9 $\frac{1}{2}$ x9x6; 17 lbs. sh. Used, repairable, \$45. Checked, \$60.00; \$10.00



HEWLETT-PACKARD

HEWLETT-PACKARD used, repairable test equip. H-P 200B AUDIO OSC. older style, rackmt, \$30. 212A PULSE GENERATOR, 0.07-10 usec. \$60. 330B DISTORTION ANALYZER, rackmt, \$185. 400HR AC VTVM, 1 mv-300 VAC 1 $\frac{1}{2}$, rack \$95. 412A DC VTVM, 1 mv-1000 VDC, \$100.00 415B STANDING WAVE INDICATOR, \$75.00 460B WIDE BAND AMPLIFIER, rackmount, \$40. 491A TWT AMPLIFIER, 2-4 Ghz, 1 watt \$175. 500BR FREQUENCY METER, 3 Hz-100 KHz, \$60. 522BR DECADE COUNTER, 10 Hz-120 KHz, \$50. 524B COUNTER, large plug-in type, \$125. 540A TRANSFER OSC., 10 Mhz-5 Ghz, \$75.00 684C SWEEP OSCILLATOR, 4-8.1 Ghz, \$225. 685A SWEEP OSCILLATOR, 5.2-8.3 Ghz, \$195. 686A SWEEP OSCILLATOR, 8.2-12.4 Ghz \$195. 1411A SAMPLING PLUG-IN, DC-4 Ghz, \$100. (DYMEC) 2210 VOLTS TO FREQ. CONVERTER \$35

COMMERCIAL TEST EQUIP

Various manufacturers; all used, repairable. A33 AUDIO GENERATOR, 35 Hz-35 KHz, \$35.00 AMI 400-P FM DEVIATION METER, 20-60 Mhz \$125. BALLENTINE 300 VTVM, .001-100 VAC, \$16.00 BALLENTINE 305 VTVM, .001-1000 VAC, \$35.00 BALLENTINE 320A RMS VTVM, 100 uv-330 V, \$40. BECKMAN 1715N FREQ. METER, 10 Hz-110 Mhz \$95. BECKMAN 7360 E/PUT METER, DC-1 Mhz, \$45.00 BECKMAN 7370 E/PUT METER, DC-11.5 Mhz, \$75. BOONTON 202J FM TELEMETRY GENERATOR, \$450.00 BOONTON 207E INVERTER, 1-1.50 Mhz f/202E \$50. BOONTON 240A SWEEP GEN. 4.5-120 Mhz A-FM \$195 BOONTON 275A TRANSISTOR TESTER, \$150.00 E&K 2005 HETERODYNE VOLTMETER .02-30 Mhz \$95. E&K 1504 DEVIATION BRIDGE, 1 KHz, \$125.00 CMC 200C COUNTER, 4 decades; .1, 1s gate \$45. DUMONT 401 OSCILLOSCOPE, DC-500 KHz, \$100.00 DUMONT 453A SCOPE CAMERA with Polaroid back; uses #667 film; adapter f/TEK scopes, \$135. FLUKE 801 DC DIFFERENTIAL VM to 500 VDC, \$40. FLUKE 803R AC-DC DIFF. VM to 500 V. rack \$40. HICKOK 770 OSCILLOSCOPE, DC to 5 Mhz, \$75.00 GENERAL RADIO 1304 BEAT FREQ. AUDIO GEN \$125. GENERAL RADIO 1605A DISTANCE COMPARATOR \$135. GENERAL RADIO 1932A DISTORTION ANALYZER \$165. KAY 240A RANDOM NOISE GEN., 5-220 Mhz, \$65. KAY 1484BP SWEEP/MARKER GEN. 86-114 Mhz, \$95. KAY RG-52 NOISE GENERATOR, 8.2-12.4 Ghz, \$25. L&N 7553 Type K-3 UNIV. POTENTIOMETER, \$125. NEW LONDON 252 AM MODULATION METER, \$50.00 NLS 484A DIGITAL DC-VM, 9.999-999.9 VDC, \$35. SKL 302 VARIABLE FILTER, 2 Hz-200 KHz, \$75. WANG 2332A UNIVERSAL PRESET COUNTER, \$135.00

MILITARY TEST SETS

MILITARY TEST SETS, all used-repairable. Accessories extra. Write for more information. AN/TRM-3 SWEEP GEN. 15-400 Mhz AM-FM, \$295. AN/UPM-99 IFF TRANSPONDER TEST SET, \$295.00 AN/URM-76 TEST METER for AN/ARC-34, \$49.95 CV-2607/CG CONVERTER SIGNAL DATA STORAGE \$60. FR-4/URM-79 FREQ. METER, 100 KHz-20 Mhz, \$75. FR-5/URM-80 FREQ. METER, 10-100 Mhz, \$75.00 FR-6/URM-81 FREQ. METER, 100-500 Mhz, \$85.00 FR-38/USM-26 COUNTER, similar to HP524B \$135 IM-36B/URM-106 RI-FI SET, 14-250 KHz, WRITE. I-95 FIELD STRENGTH METER, 100-156 Mhz, \$20. ME-82 WATTMETER, 50-600 Mhz, 0-120 watt, \$65. SG-117/URM-26B SIGNAL GEN. 5-400 Mhz AM \$275. SG-299 SQUARE WAVE GENERATOR, 1 Hz-1 Mhz, \$60 TS-62 ECHO BOX, 9320-9420 Mhz, \$35.00 TS-170/ARN-5 GLIDE PATH TEST OSCILLATOR, \$30. TS-251 LORAN TEST SET, \$45.00 TS-497 SIGNAL GENERATOR, 2-400 Mhz AM, \$195. TS-1011/UPM-84 SPECTRUM ANALYZER, 10 Mhz to 40 Ghz with 5" CRT display, WRITE

TV-2/U TUBE TESTER, six meters and test data roll chart for checking most military and older commercial receiving and low power transmitting tubes. 17 $\frac{1}{2}$ x16 $\frac{1}{2}$ x8 $\frac{1}{2}$, 45 lbs sh. Used, repairable, \$80.00 Checked, \$105.00



TS-34A/UP OSCILLOSCOPE with 2A1P CRT Bandwidth: 30 Hz to 1 Mhz. Rise time: 0.25 to 30K u-sec. Sweep adjustable in three ranges from 10 to 50,000 Hz. Input impedance: 62 ohms (low) or 430,000 ohms shunted by 12 pf (hi). Input sensitivity 0.1 to 1 V. $\frac{1}{2}$ low impedance. Requires 115 VAC 50-1000 Hz; 40 lbs sh. Used, repairable, \$34.95; checked, \$54.95

DUAL-TRACE PRICE-CUTS



AN/USM-140C OSCILLOSCOPE, DC TO 30 MHz MAINFRAME, SIMILAR TO H-P 170A. INCLUDES MX-2930 DUAL-TRACE VERTICAL PLUG-IN WITH DC TO 22 MHz PASSBAND. INPUT IMPEDANCE: 1 MEG-OHM SHUNTED BY 30 PF. INPUT SENSITIVITY: 0.02 VOLT/CM TO 20 V./CM. FUNCTIONS: CHANNEL

A, CHOPPED, A-B, AND ALTERNATE. HORIZONTAL MX-3078 PLUG-IN SWEEP RATE: 0.1 U-SEC/CM TO 5 SEC/CM. HORIZ. SENSITIVITY: 0.1 V/CM TO 10 V/CM. MAGNIFIER X1 TO X100 IN SEVEN STEPS. CALIBRATOR: 0.2 MV TO 100 V. IN NINE RANGES. POWER REQUIRED: 115/230 VAC 50-1000 Hz. Size: 14x19x22; SHPG. WT: 110 LBS. PRICE: USED, REPARABLE, \$195. CHECKED, \$295. AN/USM-105A SCOPE WITH DUAL-TRACE PLUG-IN, SAME AS USM-140 EXCEPT DC TO 15 MHz RESPONSE. PRICE: USED, REPARABLE, \$135. CHECKED, \$195.

OS-8 OSCILLOSCOPE

OS-8/U OSCILLOSCOPE WITH 3RPI CRT HIGHLY PORTABLE UNIT HAS DC TO 2 MHz VERTICAL RESPONSE; DC TO 500 KHz HORIZONTAL. VERTICAL AND HORIZONTAL SENSITIVITY: 0.075 V-RMS FOR 1" DEFLECTION. SWEEP RANGE: 3 TO 50 KHz. INPUT IMPEDANCE: 9 MEGOHMS SHUNTED BY 11 MMF (DC). DIRECT ACCESS TO VERTICAL AND HORIZONTAL PLATES. POWER REQUIRED: 115 VAC 50-1000 Hz. Size: 9x6x13; SH WT: 20 LBS. PRICE: USED, REPARABLE, \$44.50; CHKD. \$69.50



MANUAL for OS-8, partial reproduction, \$8.50

DUMONT 304 SCOPE



DUMONT 304H OSCILLOSCOPE, has big 5" CRT (5CP1). DC to 100 KHz response; usable to 300 KHz. 100 MV full scale vertical sensitivity. Sweep: 2-30 KHz. Max. sweep rate: 1" per u-sec. Input impedance: 2 megohms paralleled by 50 pf. Graticule not included. Power required: 115/230 VAC 50-60 Hz. 9x13x19; 65 lbs. sh. Used, reparable, \$45. 304H SCOPE shipped with 5CP7 CRT, \$49.50. DUMONT 304A SCOPE, same as "H" model, but uses 5ADP1 flat-faced CRT. Used, rep., \$50. MANUAL for 304A or H, partial repro., \$8.50

SCOPE FOUNDATION



TS-1273 OSCILLOSCOPE, originally the display unit for a radar test set, but appears to be a good foundation for a compact scope. Features a 3" sq. flat-face (4MP1) CRT. 50 Hz-6 MHz response; 0.05 u-sec risetime. Input attenuation ranges: .05, .1, .2, .5, 1, 2, 5, 10, and 20 v/inch. Selectable input imped: 7 megohms (approx) or 75 ohms. Controls for vertical, horizontal, astig., focus, intensity, vert. attenuator, and impedance. With CRT shield, bezel, and tubes 4MP1, 2/1V2, 5/5B14, 2/6BQ5. No sweep generator, horiz. amp, or blanking circuits. Requires 250 VDC deflection volts; +1500 and -1500 VDC high voltage originally supplied from internal oscillator type source. Schematic incld. 17x4x8; 12 lbs. sh. Used, w/all tubes, \$50. W/4MP1 only, \$25.



AIRCRAFT MULTIMETER, with scales 1 to 300 VAC and 1000 VDC; 1 to 1000 MADC; and 1 to 1 megohm. Has 4" dia. meter, FS-1 ma. Two 6111 twin triodes requiring 100-165 plate volts. Needs external power supply. Meter circuitry similar to H-P 410B/MR-26. No covers. 9x5x10 15 lbs. sh. Used, w/ME-26 schematic, \$18.95

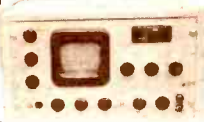
RADIATION INDICATOR



CP-95/PD RADIAC COMPUTER-INDICATOR, DESIGNED TO SHOW THE AMOUNT OF X- AND GAMMA RADIATION TO WHICH A DT-60/PD (NOT AVAILABLE) OR SIMILAR SILVER-ACTIVATED PHOSPHOR GLASS RADIATION DETECTOR TUBE HAS BEEN EXPOSED. AN EXPOSED DETECTOR GLOWS ORANGE IN THE CP-95's 4 W ULTRAVIOLET LIGHT. THE INTENSITY OF THE LUMINESCENCE IS MEASURED BY A 931VA PHOTOMULTIPLIER TUBE. THE OUTPUT OF THIS TUBE IS THEN TRANSLATED INTO ROENTGENS AND IS SHOWN UPON A 0-200-600 ROENTGENS METER (SIZE: 4x4; FS-100 U.A.) SET INCLUDES FRONT COVER AND TUBES 5726, 5814, 931VA, CK1039 (OR 6143), AND OA2. POWER REQUIRED: 115 VAC 60 Hz. Size: 9x9x17; SHPG. WT: 30 LBS. PRICE: UNUSED, \$27.95; MANUAL, \$5.00

PANORAMIC INDICATOR

IP-173 PANORAMIC SPECTRUM INDICATOR, SIMILAR TO SINGER SB-8T. DESIGNED TO SCAN AND ANALYZE RF SIGNALS TO IDENTIFY SIGNAL LEVEL, FREQUENCY, AND MODULATION. CAN BE USED TO DETERMINE CORRECT



DEVIATION RATIO OF FM TRANSMITTERS. USABLE UP TO 1000 MHz; DISPLAYS UP TO 1000 KHz SPECTRUM WIDTH. CENTER FREQ: 5 MHz. BANDPASS: 4.5 TO 5.5 MHz. IF TRANSFORMERS TUNED TO 1.5 MHz; FM OSCILLATOR MEAN FREQ: 6.5 MHz. INPUT IMPED: 50 OHMS. DIRECT SENSITIVITY: 100 UV FOR 1" DEFLECTION ON CRT @ 5 MHz. SAW-TOOTHED SWEEP; RATE 1 Hz (NON-SYNCHED), 5, 30, AND 25 TO 35 Hz VARIABLE. HAS 5UP7 CRT. POWER REQUIRED: 2/6.3 VAC, 265 VDC, AND -1870 VDC. 12x22x20; 68 LBS SH. USED, REPARABLE, \$60.

IP-173 less cabinet; fits rack, used, \$45.00. MANUAL for IP-173, partial repro, \$8.50. 115 VAC 60 Hz POWER SUPPLY with interconnecting cable for IP-173, \$30 if purchased w/set. CONSTANT VOLTAGE TRANSFORMER for IP-173 system, 95-130 VAC 60 Hz in; 115 VAC 60 Hz 120W out. #SOLA/IP-173, used, \$16.00

GREIBACH INSTRUMENTS

GREIBACH Z300 ZENER IMPEDANCE METER; COVERS THE FOLLOWING VOLTAGE RANGES: 0-40, 40-80, 80-120, 120-160M. 160-200, AND 200-240. ZENER WATTAGE RANGE: 0-5, 5-10, AND 10-20 WATTS. FUNCTION SELECTOR/SCALER FOR 1 (x1, x10, x100); 1 (x1, x10) AND 2 (x100, x10, x1). INSTRUCTIONS AND SCHEMATIC NOT AVAILABLE. POWER REQUIRED: 115 VAC 60 Hz. Size: 7-5/8x10x8; SHPG. WT: 17 LBS. UNUSED, NOT CHECKED, \$45.



GREIBACH MODEL V200 TRANSIENT VOLTAGE INDICATOR, SIMILAR TO MODEL V210, EXCEPT DOES NOT COUNT TRANSIENT VOLTAGE. IN ALUMINUM TRANSIT CASE W/HIGH VOLTAGE PROBE. POWER REQUIRED: 115 VAC 60 Hz AND FIVE "D" CELLS (NOT INCLUDED). Size: 6x9x5; 11 LBS. UNUSED, \$35.



FR-149 FREQUENCY METER



FR-149/USM-159 TRANSISTORIZED FREQUENCY METER, COVERS 125 KHz TO 1000 MHz IN THREE RANGES: 125 KHz-2.5 MHz, 2.5-65 MHz, AND 65-1000 MHz. CAN BE USED AS A SIGNAL GENERATOR BY PROVIDING EITHER MODULATED OR UNMODULATED SIGNALS. FREQUENCY FUNDAMENTALS READ DIRECTLY FROM MAGNIFIED AND ILLUMINATED CALIBRATED FILM STRIP AND THEN INTERPOLATED IN ACCOMPANYING CALIBRATION BOOK. OPERATES FROM EITHER SIX "D" CELL BATTERIES OR FROM 115/230 VAC 50-450 Hz. Size: 11x11x13; SHPG. WT: 33 LBS. USED, REPARABLE, \$99.50. CHECKED, \$150.00

8500-9600 MHz TEST SET

TS-148/UP SPECTRUM ANALYZER, 8470-9630 Mhz with 3" CRT (3BP1) display. Measures frequencies of cavities, echo boxes, magnetrons, and local oscillators. Receives CW and pulse; transmits CW and FM carrier. 1 MW power output (2K25). Max. spectra dispersion: 1.5 Mhz/in. Requires 115 VAC 60 Hz. 19x13x25, 45 lbs sh. Used, \$50.00



AN/UPM-33 TEST SET, includes TS-148/UP, wave guides, horn antenna, cables, transit case, and manual; 80 lbs sh. Used, \$85.00

FR-72 TUNED CAVITY for the 8500-9000 Mhz range. 0-30 u-ammeter indicates stored energy. With 1N-23B crystal diode, UG-446 waveguide to N connector adapter, and 8' coax. 16x26x14; 40 lbs sh. Unused, \$34.95

SG-92 SWEEP GENERATOR, 50 KHz to 1000 Mhz. Sweep range 0-30 Mhz; 50-100 Hz sweep rate which can be synched to 60 Hz. Up to 20 V. sweep output; RF output impedance 50 ohms. RF output: 100 mv (Hi) or 5 mv (Lo). Uses micrometer frequency readout. With tubes OD3, 6Y6, 5U4, 6AC7, 6SN7, 6SL7, 2D21, 6C4, and 2/2K25. Requires 105-125 VAC 50-60 Hz. Size: 10x12x17; 40 lbs. sh wt. Used, reparable with good 2K25's, \$45.00



VOLUME & CURRENT METER



NORTHERN RADIO MODEL 254 VOLUME AND CURRENT LEVEL INDICATOR with 34-step, 2 db per step attenuator marked -40-0-+26. Volume meter indicates -20 to +3 db. Has input transformer 20-40000 Hz ±0.7 db 7500 ohms. Select either terminating or bridge input. Current meter shows 75-0-75 MA DC. With tubes OA2, 6C4, 6X4, and 12AU7. Power required: 115/230 VAC 60 Hz. Size: 5x2x19x7; 18 lbs. sh. Used, checked, \$45.00

DATA TECH 3312-11



DIGITAL PANEL METER, 0-20 VDC 3 1/2 digits; Data Tech Model 3312-11. Accuracy: ±0.1% reading plus one count. Input impedance: 10 megohms. Has Sperry 7-segment 0.5" readouts. Also auto polarity, overvoltage protection ±200 V., external control and BCD outputs. Uses standard TTL and linear IC's for easy repair. Manual and schematic included. 4"W x 1-7/8"H x 5 1/2"D. 3 lbs sh. Checked, \$39.50

AN/USM-50 OSCILLOSCOPE WITH 3ADP1 CATHODE RAY TUBE AND 15 MHz BANDWIDTH, RISE TIME FROM 0.022 U-SEC TO 30,000 U-SEC. SWEEP TIME CONTINUOUSLY ADJUSTABLE FROM 0.17 TO 37,500 U-SEC WITH SWEEP DELAY THAT ALLOWS 10% OF SWEEP LENGTH TO BE EXPANDED 10 TIMES FOR SWEEPS GREATER THAN 5 U-SEC. TRIGGER PULSE FROM 10 TO 10,000 Hz WITH 0.15 U-SEC RISE TIME. TIMING MARKERS SYNCHED AT 0.2, 1, 5, 20, 100, 500 AND 2000 U-SEC. VERTICAL INPUT IMPEDANCE: 1 MEGOHM SHUNTED BY 40 UUF FOR ALL ATTENUATOR POSITIONS. HORIZONTAL IMPED: 1 MEGOHM SHUNTED BY 30 UUF. INPUT VOLTAGE: 0.03 TO 90 VOLTS PEAK. INPUT SENSITIVITY: 10 MV/CM-RMS. CALIBRATION: 1 KHz ADJUSTABLE 20 TO 200 MV. EXTERNAL CONNECTIONS POSSIBLE TO BOTH THE VERTICAL PLATE AND THE HORIZONTAL AMPLIFIER. POWER REQUIRED: 115 VAC 50 TO 1000 Hz. Size: 15x19x16; WT: 80 LBS. LESS PROBES. PRICE: USED, REPARABLE \$75.00. USED, CHECKED \$100.00



TRANSISTORIZED SCOPE



HFE T4214A TRANSISTORIZED OSCILLOSCOPE; ENGLISH MANUFACTURED SCOPE USES PRINTED CIRCUIT CARDS FOR THE PRE-AMP, SIGNAL DEFLECTION AMP, TIME BASE, INTENSITY MOD, AND SWEEP AMP. PROVISIONS ALSO FOR SIGNAL DELAY, TRIGGER PICK-OFF, AND TRIGGER DELAY PC CARDS (NOT AVAILABLE). ESTIMATED FREQUENCY RESPONSE: 300 KHZ LIMITED BY DEFLECTION AMP. USES 5LCP11 CRT; SWEEP IS FROM TOP TO BOTTOM BUT CAN BE CHANGED TO LEFT TO RIGHT. INCLUDES CONTROLS: FOCUS, BRIGHTNESS, ASTIG., SIGNAL SHIFT, INPUT ATTENUATOR (0.1 TO 10 V./DIV. IN 7-STEPS); TIME BASE (1 U-SEC TO 10 M-SEC IN 5-STEPS); MULTIPLIER X.5, X1, AND X2; TIME BASE SHIFT, TIME BASE DEFLECTION (EXT/INT); TRIGGER LEVEL; AND FREE RUN/SINGLE SHOT. SLIGHTLY BENT FRAME; LESS CASE AND POWER PLUG. POWER REQUIRED: 115 VAC 60 HZ OR 12 VDC 1 AMP. SIZE: 9x17x25, SHPG. WT: 60 LBS. PRICE: USED, REPARABLE \$50.00

TELETYPEWRITER SCOPE



TDA-2N TS-1060 TELETYPEWRITER TEST SCOPE, MEASURES BIAS AND DISTORTION OF START-STOP AND SYNCHRONOUS TELEGRAPH SIGNAL ON A 3" CRT. INPUT SPEEDS APPROX. 60 WPM (5 UNIT CODE), 60, 75, 100 WPM 7.42 CODE, AND BAUD SPEED EQUIVALENTS TO 60, 75, 100 WPM (10.42 UNIT CODE). INPUT IMP. 100 OHMS FOR 60MA NEUTRAL; 300 OHMS FOR 20MA NEUTRAL AND 30MA POLAR. MEASUREMENT RANGE 0-50% MARKING, OR SPACING BIAS AND DISTORTION. TUBES: 3R1P1, 5651, 0A2, 3/12A17, 6X4, 0B2, 3/5963, 5726. POWER REQUIRED 115/230V 60HZ. 8x8x15 SHPG. WT: 24 LBS. USED REPARABLE \$34.95 (FOUNDATION UNIT) LESS C.R. TUBE 24.75

ME-9 MULTIMETER



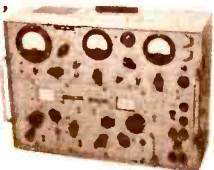
ME-9/TS-352 MULTIMETER, PORTABLE GENERAL PURPOSE VOM. 1000 OHMS/VOLT AC-DC SENSITIVITY OR 20,000 OHMS/V. SENS. DC ONLY. MEASURES AC-DC VOLTS FROM 2.5 TO 1000 V. IN SIX RANGES. DC AMPS FROM 250 U-AMPS TO 10 AMPS IN EIGHT SCALES; OHMS FROM X1 TO X10K. WITH 4" METER (FS=50 UA); JACK FOR 5000 VDC @ 20,000 OHMS/V.; AND TEST LEADS. REQUIRES THREE 4 1/2 VDC AND ONE 1/2 VDC BATTERIES (NOT AVAILABLE). SIZE: 11x8x6; SHPG. WT: 17 LBS. USED. PRICE: REPARABLE, \$29.95; CHECKED, \$39.95

TS-375/U VACUUM TUBE VOLTMETER, AC VOLTS RANGES FROM 1.2 TO 120 VAC IN SIX STEPS; DC VOLTS FROM 1.2 TO 300 VDC. FREQUENCY RESPONSE FROM PANEL TERMINALS: 40 HZ TO 50 KHZ; OR 10 KHZ TO 150 MHZ USING PROBES. WITH BOTH AC AND DC PROBES. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 10x10x6 1/2; SHPG. WT: 23 LBS. USED. PRICE: REPARABLE, \$18.95;



MULTI-PURPOSE TEST SET

AN/TRM-1 SIGNAL GENERATOR, covers 0.19-400 Mhz AM using two RF oscillators SG-32 (0.19-30 Mhz in 5-bands) and SG-33 (30-400 Mhz). Internal modulation 0-60% @ 1 KHz or 200-6000 Hz external. Output: 2.5 to 100K u-volts in nine steps; 50 ohm impedance. Built-in voltmeter measures 0-3-30-600 VDC, 0-3-30-300 VAC, and 0-10-100-1000 MW. Also tests performance of 3 to 100 watt transmitters over freq. range when proper coupler and dummy load (not included) is used. Write for availability/price of accessories. Requires 115 VAC 60 HZ. 18x18x8; 65 lbs. Shipped UPS in two cartons. Used, reparable \$135. Checked, \$225. MANUAL, partial repro., \$10.



AD-YU 405 PRECISION PHASE METER, INDICATES PHASE ANGLE IN RANGES: 0-12°, 0-36°, 0-90° AND 0-180°. FREQ. RANGE 1/2 HZ TO 40 KHZ AND UP TO 100 KHZ. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 20x12x10 1/2; WT: 30 LBS. REPARABLE, \$65.

TEKTRONIX



TEKTRONIX manufactured test equipment removed from service. Sold in "used, reparable" condition. Write for "checked" price. Scopes requiring plug-ins are sold "less plug-in." qty. ltd.

TYPE 514D OSCILLOSCOPE, DC TO 10 Mhz, \$95.00
524D Television Scope, DC to 10 Mhz with sweep delay, 110.00
531 DC to 15 Mhz, plug-in type 200.00
532 DC to 5 Mhz, plug-in type 150.00
RM32 Rackmount 532, 150.00
535A DC to 15 Mhz with sweep delay; plug-in type, WRITE 235.00
RM35A Rackmount 535A, 235.00
545A DC to 30 Mhz with sweep delay; plug-in type, WRITE 285.00
RM45 Rackmount 545, 285.00
551 DUAL-BEAM DC TO 25 Mhz, uses two plug-ins; with external power supply, 395.00
555 DUAL-BEAM DC TO 30 Mhz w/ sweep delay, Type 21 and 22 time base plug-ins, and external power supply. Requires two vert. plug-ins, \$450.00
RM567 DIGITAL READOUT SCOPE w/ Type 6R1 display; requires Type 3S76 and 3T77 vert. plug-ins (not available), 295.00
575 TRANSISTOR CURVE TRACER SCOPE FOR PNP and NPN transistors, 375.00



VERTICAL AMPLIFIER PLUG-INS for Tektronix 530, 540, and 550-Series scopes and similar scopes by other manufacturers. Various manufacturers. Add \$10 for Tektronix-manufactured unit. All "used, reparable."

TYPE B, wide-band, high gain, \$45.
TYPE D, High-gain, DC differential, 35.
TYPE E, Low-level, AC differential, 40.
TYPE G, Wide-band, DC differential, 25.
TYPE K, Fast-rise, WRITE 65.
TYPE L, Fast-rise, high gain, 65.
TEK TYPE CA, dual-trace to 24 Mhz, 130.



TEKTRONIX 180A TIME-MARK GENERATOR, 14 time-mark intervals from 1 u-sec to 5 seconds. Three sine wave freq: 5, 10, & 50 Mhz. Trigger rate freq: 1, 10, 100 Hz and 1, 10, 100 KHz. Power required: 115/230 VAC 50-60 HZ. SIZE: 13x10x16 1/2, 37 lbs sh. Used, reparable \$95 Used, checked, \$125.00

HICKOK 1805 SCOPE, similar to TEK 535A, uses same plug-ins, reparable, \$135. Chkd., \$225.

LAVOIE LA-545, similar to TEK 545, uses same plug-ins, reparable, \$165. Chkd., \$260.

BOONTON FM GENERATOR

BOONTON (HP) 202H FM-AM SIGNAL GENERATOR, 54 to 216 Mhz in two bands. RF output: 0.1 uv to 200K uv across 50 ohm load. 0 to 50% internal AM; external 0-100%. AM calibration at 30, 50, and 100%. FM deviation: 0-250 KHz internal or external in four ranges. Modulation oscillator frequencies: 50 and 400 Hz and 1, 3, 7.5, 10, 15 and 67 KHz. 115/230 VAC 50-400 Hz power required. 10x16x18 1/2, 56 lbs. sh. Used, reparable, \$450.00; Checked, \$550.00



BOONTON (HP) 207H INVERTER, adds 100 KHz to 50 Mhz FM range to UNIVERT. Used, reparable \$110

AD-YU 405 PRECISION PHASE METER, INDICATES PHASE ANGLE IN RANGES: 0-12°, 0-36°, 0-90° AND 0-180°. FREQ. RANGE 1/2 HZ TO 40 KHZ AND UP TO 100 KHZ. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 20x12x10 1/2; WT: 30 LBS. REPARABLE, \$65.

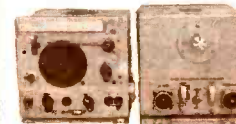


FREQUENCY METERS



AN/URM-32 FREQUENCY METER: 125 KC TO 1000 MC IN THREE RANGES, CAN ALSO BE USED AS A SIGNAL GENERATOR WHICH PROVIDES A CHOICE OF MODULATED OR UNMODULATED SIGNALS FOR TESTING AND CALIBRATING RADIO EQUIPMENT. SENSITIVITY WITH AN RF OUTPUT OF .05 MW MINIMUM IS OBTAINED. ACCURACY .01%, RF 100 UV MINIMUM ACROSS EXTERNAL 50 OHM RESISTIVE LOAD. FIVE TUBE HETERODYNE TYPE, POWER REQ. 6 VOC 1 AMP. 180 VDC 25 MA., DRY BATTERY OR AC SUPPLY CAN BE USED. METER IS USED TO READ P.S. VOLTAGES. W/CALIBRATION BOOK SIZE: 13x12x13 1/2; WT: 29 LBS.

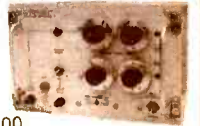
Price: Used, reparable, \$65. Checked, \$95. 115 VAC 60 Hz power supply, \$20 additional.



LM-21 FREQUENCY METER with AC power supply; Crystal calibrated unit covers 125 to 20,000 KHz in two bands. Design accuracy better than 0.02%.

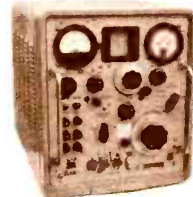
AM modulation 40% at 500 Hz. Output voltage: 250 u-volts min. Output impedance: 600 ohms. With calibration book, 1000 KHz crystal, and tubes 6A7, 76, 77, 2/991. Requires 115 VAC 60 Hz. Size: 8x8x8 1/2, 14 lbs sh. (meter); 8x8x8 1/2 x8, 15 lbs sh. (power supply). Used, \$24.95 CHECKED, \$50. Set w/RECONDITIONED meter, \$65. POWER INPUT CONNECTOR for meter, \$2.00 each. CONNECTORS (2) for power supply, \$2.00 each. SHOCKMOUNT, \$2.50 MANUAL, \$7.50 METER ONLY, less tubes, xtal, cal-book, \$12.

PLUG-INS FOR HP-524 AND SIMILAR COUNTERS. USED, REP. ADD \$10 FOR HP MFG. MX-1637 10-100 Mhz, \$35. CV-594 100-220 Mhz, \$25. HP-525C 100-500 Mhz, \$125. HP-526A VIDEO AMP, \$40. MX-1636 TIME INTERVAL, \$25.00 HP-526C PERIOD MULTIPLIER, \$40.00



TRANSIT CASES F/525-526 PLUG-INS. STEEL (11x8x8), \$5.00. FIBERGLASS (14x9x9), \$10.00

TS-510A SIGNAL GENERATOR



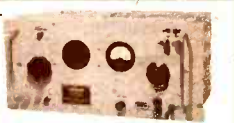
TS-510A/USM-44A SIGNAL GENERATOR, 10 to 420 Mhz AM, CW, and pulsed carrier. Internal modulation 400 or 1000 Hz. External mod: 100 Hz to 20 KHz. Output: 0.1 uvolt to 0.5 volt into a 50 ohm load. Large 3 1/2" round meters indicate Percent Modulation and Output Volts-DBM. With built-in

1 Mhz and 5 Mhz crystal calibrator. Similar to Hewlett-Packard 608D. Power required: 115/230 VAC 50-1000 Hz. 13x16x21, 80 lbs. Price: Used, reparable with output, \$245.00 TS-510/USM-44; same as above, but with only 5 Mhz calibrator. Reparable w/output, \$215.



ME-22 DECIBEL METER measures received testing power and is arranged for an input impedance of 600 or 8000 ohms for direct or bridged test circuits. Meter indicates -45 to +25 DBM in six steps over 200 Hz to 35 KHz range. Requires 115/230 VAC 60 Hz. 7x19x10 1/2, 30 lbs. Used \$85

SG-15/PCM SIGNAL GENERATOR, functions as test power source for making gain, loss, and cross talk measurements when used with ME-22. Output: -54 to +26 DBM over 200 Hz-35 KHz. Output impedance: 600 ohms. Can be used as an audio oscillator by itself. Power required: 115/230 VAC 50-60 Hz. Size: 8 1/2x19x13, 58 lbs. sh. Used, reparable, \$40.





DATA KEYBOARD

#KEY735 KEYBOARD HAS 49 KEYS PLUS SPACE BAR. EACH KEY SWITCH HAS INDIVIDUAL CONTACTS. UNIT ALSO HAS ELEVEN 10 V. LAMPS, 2" SPEAKER, TWO MINI-TOGGLE SWITCHES, SODECO 24 VDC RESETTABLE COUNTER, AND 3 FT. CABLE. DOES NOT HAVE DECODING ELECTRONICS. 14x7x3 1/2. #KEY735, \$22.



78-KEY KEYBOARD, Maxi-Switch mfg. Has the standard keys, plus clear, erase input, erase EOF, test REQ, DUP PA 1, field mark PA 2, INS mode, DEL, +, -, ←, →, and PF1 thru PF12. Seems to have been part of a video terminal. With IC's 7400, 7402, 2/7403, 7404, 7405, 7410, 7412, and 556. Socket for 40-pin control IC (identity not known). 17x6x2; 7/lbs. sh. #3103-009-02, used, \$28.00

66-KEY KEYBOARD, same as above but without keys PF1 thru PF12; #3103-002-02, used, \$24.

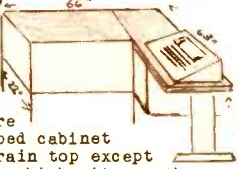
COMPUTER DATA ENTRY



DATA ENTRY KEYBOARD, USED ORIGINALLY FOR REMOTE ACCESS TO A COMPUTER FOR INVENTORY OR CREDIT CHECK. UNIT CONSISTS OF 16-BUTTON KEYBOARD WITH NUMBERS 0-9, ING, ENTER \$, SEND, CHECK, DATA, AND A BLANK. LOGIC CIRCUIT BOARD FEATURES A CV1412BI CHIP. DIGIT DISPLAY BOARD HAS TEN LED'S INCLUDING FOUR 7-SEGMENT FND70351 READOUTS WITH SPACE FOR FOUR MORE. SET IN RUGGED PLASTIC HOUSING. REQUIRES 20-CONTACT CONNECTOR FOR POWER AND COMPUTER ACCESS. NOT GUARANTEED OPERATIONAL. 6x8x3 1/2, 6 LBS. #DATA-4105, USED, \$10.95

COMMUNICATIONS CENTER

COMMUNICATIONS CENTER, includes ASR-33 teletypewriter, Tally 464 paper tape reader, Honeywell optical bar code reader, logic chassis assembly, and power supplies. All are contained in an L-shaped cabinet with simulated wood-grain top except for the teletypewriter which sits on the desk top. System has automatic send-receive and features a teletypewriter which has a paper punch and operates at 100 words/minute, 600 operations/second. Utilizes ASCII code with parity bit and prints on 8 1/2" friction-fed paper. Teletypewriter is made by Teletype Corp.



and is the same as their Model ASR-33 except that the standard ASR-33 control module is eliminated and its functions incorporated into the system's logic chassis. Consoles are removed from service, appear complete, but are not operationally checked. Documentation is included. 550 lbs. sh. Used, \$595.00

ASR-33 TELETYPEWRITER only, as described in the above system, 85 lbs sh. \$425.00 (Loop and control kit which allows stand-alone operation of this ASR-33 available from another source. Write for information.)



MICROPROCESSOR CIRCUIT BOARD, has C4004 P-channel microprocessor, 4/P4001 256x8-bit PROM, 2/P4002-1 320-bit RAM and 4-bit output port, 3/4003 10-bit serial in/parallel-serial out shift register, plus 53 transistors. #IC-07, \$8.95

1976 INTEL DATA CATALOG, info and pinouts on 4004, 8008, 8080A and related, \$3.00

COMPUTER BOOKS

UNDERSTANDING MICROCOMPUTERS, 300 p. intro to micros for laymen, \$9.95
THE SCLEBI BYTE PRIMER, 400 p. 8x11x1/2 anthology of articles on microcomputers, \$10.95

COMPUTER FOUNDATION



DISPLAY CIRCUIT BOARD WITH EIGHT 3/8" 7-SEGMENT LED READ-OUTS, EIGHT RED LED'S, 15 DARLINGTONS, 8 PNP TRANSISTORS 3/C4003 SHIFT REGISTERS, PLUS OTHER COMPONENTS, BLOCK DIAGRAM. 10x3 1/2, #ECR7700, \$9.95



COMMUNICATIONS CIRCUIT BOARD, CONTAINS MODEM CARD WITH 7/1458 OP AMPS (NO SCHEMATIC). MAIN BOARD HAS TMS-6011 UART, INPUT SHIFT REGISTERS, AND GATES (TEN IC'S). ALSO INPUT TRANSFORMERS FOR MODEMS, SELECT WIRING FOR 4- OR 2-LINE INPUT, AND LEVELS 0 DBM, -3 DBM, -6 DBM, OR -9 DBM. MODEM INFO, BLOCK DIAGRAM. #ECR9600, \$12.95



IMPRINTER LOGIC BOARD, THREE 200 VOLT 4 AMP TRIACS DRIVEN BY CONTACTS OF THREE 12 VDC REED RELAYS. ALSO HAS 2/4003 SHIFT REGISTERS, EIGHT DARLINGTONS, EIGHT PNP'S, 3/9002, AND A 4049 HEX BUFFER/CONVERTER. W/BLOCK DIAGRAM. 10x4, #ECR9060, \$7.95



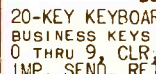
CONTROL CIRCUIT BOARD WITH C4004 4-BIT MICROPROCESSOR, 2/4003 SHIFT REGISTERS, 3/4002 RAM'S, AND 8/4001 ROM'S. ALSO A 4.704 Mhz CRYSTAL, FIVE OTHER IC'S FOR CLOCK AND GATING, 12 IC SOCKETS, BLOC DIAGRAM. 10x5, 3 LBS. #ECR9620, \$13.95



MICROCOMPUTER POWER SUPPLY, USES TWO 3-TERMAL REGULATORS AND A 723 WITH TIP3055 TRANSISTOR. INPUT: 115 VAC 60 Hz; OUTPUT: -25 VDC 180 MA; -5 VDC 800 MA, -15 VDC 1.25 AMPS. WITH SCHEMATIC. SIZE: 3x5x4; SHPG. WT: 10 LBS. #ECRPS-744, \$15.00



CREDIT CARD SCANNER, USES AN OPTICAL SYSTEM TO READ THE RAISED NUMBERS OF A CREDIT CARD INTO IN PHOTO ARRAY. HAS SMALL AC MOTOR TO DRIVE CARD THROUGH THE READER. ALSO LIGHT AND PLASTIC OPTICS, TWO ROCKWELL IC'S 10561 AND 15120. WITH DIAGRAM OF CONNECTOR WIRING. 5x5x4, #ECR2020, \$7.95



20-KEY KEYBOARD, 5/8" SQUARE BUSINESS KEYS WITH CHARACTERS: 0 THRU 9, CLR, RST, CRED, CASH, IMP, SEND, RET, CODE, \$, AND ACCT. TWO BUSES: ONE FOR NUMBERS; THE OTHER FOR INSTRUCTIONS. SIZE: 4x4 1/2, WT: 2 LBS. #ECR4835, \$3.95

ECR COMPONENT PACKAGE DEAL THE ABOVE SEVEN ITEMS WITH AN ECR-PREFIX WERE ORIGINALLY COMPONENTS OF AN ELECTRONIC CARD READER SYSTEM. THEY MAY BE PURCHASED INDIVIDUALLY AS MARKED OR TOGETHER AS A PACKAGE FOR \$45.00

MAGNETIC RECORDER



PERTEC MODEL 7580-9 MAGNETIC DIGITAL RECORDER. USES NINE CHANNELS: 8-BIT DATA, 1-BIT PARITY. DISCRETE TRANSISTOR AND TTL CIRCUITRY ALLOWS FOR THE FOLLOWING FUNCTIONS: LOAD, FORWARD, REVERSE, REWIND, WRITE-ENABLE, AND WRITE-LOCKOUT. RECORDER HAS INTERNAL POWER SUPPLY WHICH PROVIDES +5 VDC REG., -5 V REG., +13, -13 VDC, AND 22 VAC. REELS DRIVEN BY TWO 24 VDC MOTORS. CAPSTAN DRIVEN BY 24 VDC MOTOR TACHOMETER. ALL CONTROLS ARE DIRECTED BY LOGIC. NO COVER. SIZE: 8x19x9 1/2 SHPG. WT: 35 LBS. USED, \$150.00

PAPER TAPE READER



SUPERIOR ELECTRIC PAPER TAPE READER; 8-CHANNEL ENCODING, 100 CHARACTERS PER SEC. TTL OUTPUTS AND HANDSHAKE. HAS 5.4 VDC 1.5 AMP 200 STEP/REVOLUTION STEPPING MOTOR AND TWO 120 VAC 50-60 HZ 1000 RPM SYNCHRONOUS STEPPING MOTORS. CIRCUIT BOARDS IDENTIFIED AS 4-STEP TRANSLATOR, AMPLIFIER AND INVERTER, INTERFACE BOARD, RECEIVER AND DRIVER. USES STANDARD 1" TAPE. 20x10x1 1/2; SH WT: 50 LBS. USED, W/COVER, \$135.

COMPUTER TERMINAL

795 VIDEO DISPLAY, CONVERTIBLE INTO A GRAPHICS TERMINAL AS DESCRIBED IN IN SEPT. '76 ISSUE OF 73 MAGAZINE. CONSISTS OF 12" DIAGONAL MAGNETICALLY DEFLECTED CRT, INTERNAL DC-TO-DC CONVERTER, 10 KV SUPPLY, HORIZONTAL AND VERTICAL DEFLECTION AMPS, AND INTERNAL MUFFIN FAN. WITH CONTROLS FOR INTENSITY, HORIZ. AND VERT. GAIN/POSITION. REQUIRES 115 VAC 60 Hz. POWER CONNECTOR NOT AVAILABLE. SIZE: 15x17x21; SH WT: 100 LBS., 75 LBS. NET. USED, \$59.50 REPRINT Sept. '76 issue of 73 Magazine, \$2.00



CONTROL ASSEMBLIES ON 9x4 HEATSINK. USED, EXCELLENT YIELD ON SEMICONDUCTORS. SHPG WT. 4 LBS EA. SIMILAR TO PICTURE ORDER BY NUMBER

TRANSISTOR CONTROL ASSEMBLY WITH DIODES.

8/T0-3 60V (SIMILAR TO 2N3055) AND 8/T0-66 (SIMILAR TO 2N3054) 60V TRANSISTORS, 8/0.4 OHM 5W AND 8/30HM 3W RESISTORS, 8/00-4 DIODES WITH INSULATED MOUNTING HARDWARE. #7729 \$5.75

TRANSISTOR CONTROL ASSEMBLY, CONTAINS 8/T0-3 AND 8/T0-66 AND EMITTER RESISTORS AS ABOVE. SMALL DIODES AND RESISTORS #0425 \$5.00

CONTROL CLUTCH ASSEMBLY AND HEATSINK 9x4 IN. 8/100V T0-3 AND 2/60V T0-66 TRANSISTORS. FIVE 0.4 OHM 10 W RESISTORS, MORE.#095-8139 \$4.00

SOLENOID DRIVER ASSEMBLY WITH 6/70NFD 300V CAPACITORS, 6/ 60 OHM 3/10WATT DALE RESISTORS AND DIODES. 3LB #340C4587 \$3.50

LEE PANEL L-BOARD, 3-transistors, small heatsink, 9-resistors 1/2-10 watt. #DD-35-77, 4/\$1.
LEE PANEL J-BOARD, 9-transistors, 3-small heat-sinks, 19-resistors 1/2-10 W. #DD-36-77. 2/\$1.



REED RELAY

REED RELAY BOARDS LISTED BELOW CONTAIN 12VDC REED RELAYS AND ASSOCIATED COMPONENTS. ORDER BY BOARD NUMBER. SH WT. 3 LBS.

#5336 1/DPST, 4/SPST, 2/4PST, MERCURY WETTED RELAY SPDT, 26 DIODES. \$3.95

#5341 3/4PST, 3/3PST, 2/2PST, MERCURY WETTED SPDT, 23 DIODES \$4.95

#5346 12/SPST, DPST, 2/DPST MERCURY WETTED. 5 TRANSISTORS, 51 DIODES, 3/25MFD 50V 47 MFD 35V \$5.95

#5351 10/SPST, 10/DPST, 90 DIODES \$7.95

#5361 3/DPST, 4/SPST, MERCURY WETTED SPDT 6 TRANSISTORS, 24 DIODES, CAPACITORS DIODES, RESISTORS. \$3.95

#E40380 MAGNETIC REED SWITCHES with bias magnets on board, \$4.95

100 KHZ CRYSTAL BOARD, Biley HB-3 100 KHz X-tal, 40 Xistors, res., caps. #CUC211200 \$3.95

REGULATOR AND PREREGULATOR CARDS, w/current limit and OVP. Not complete regulator. Has transistors, diodes, zeners, resistors, capacitors. Needs about -50 VDC f/preregulator. #RB4561-4, for 4 to 5 V. regulator, \$2.50 #RB428-32, for 32 to 36 V. regulator, \$2.00 #RB-MISC, assortment of similar regulator cards, but none of the above, 4 for \$5.00

CRYSTAL CIRCUIT BOARD, 33,36 and 12 KHz crystals, ten potted coils. #6507841100, \$2.75

TALLY RECEIVER; 15 MINI-DIP 741, 2 IN SOCKET 723 VOLTAGE REG IN SOCKET, 4 TRANSISTORS, 6 TRIMPOTS, CAPACITORS, RESISTORS ETC SH WT 1LB #601740 \$3.95

TALLY LOGIC; 26/2N3643, 2N6027, 3/324, TWO 16 PIN SOCKETS, 500MFD 75V, 2/200MFD 25V 4MINI POTS, RESISTORS, CAPACITORS, DIODES SH WT 2 LBS #691746 \$3.50

READ AND SWITCH CORE CURRENT SOURCE. 2/8V REFERENCE DIODES, 2 TRANSISTORS ON HEATSINK. 6 SECTION INDUCTOR, 75 OHM 25 WATT RHEOSTAT DALE 31 OHM 1/2 25 WATT RESISTOR. SH WT 4 LBS #315CURRENT SOURCE \$2.50

CPU'S **RAM'S**

PROM'S * UNUSED SURPLUS *

CB001-1 CPU, \$10.95 8080A CPU, \$6.95
 P8085 CPU, 16.95 8205 decoder, 2.75
 8212 8-bit I/O 2.50 8224 clk. gen. 3.00
 8228 control, 4.75 8251 programmer 7.00
 8255 programmer 6.00 2102 RAM \$1.40 4/\$4.
 2111 RAM \$3.60 4/\$13 2114 RAM \$5.95 4/\$21
 2708 EPROM, tested demos, \$6.50; 4 for \$22.
 2716 EPROM 5 V. \$27. 4804A RAM 7.95
 MC14411 baud gen \$10. AY5-1013 UART 4.50
 3341 FIFO \$5.95 4/\$21. FRI-502E02 FIFO 9.95
 FPA103 light reflective transducer, 2.50
 CL903L CdSe photo-conductor, 6K res., .75
 1458 dual op-amp .50 RC4558 dual op. .65
 MC1489 quad-line 1.25 7400/04/08/10/40 7/\$1

TRANSISTORS

DIODES

MPSA14 NPN darl 5/\$1. MJE340 NPN 300V 2/\$1
 2N3055 NPN 10 A 4.60 TIP2955 NPN 10 A .80
 2N4126 PNP lo-no 6/\$1 2N6346 unijunct .90
 TIP120 NPN darl. 1.00 TIP140 NPN darl. 1.35
 TIP142 NPN darl. 1.60 TIP145 PNP darl. 1.50
 7808UC voltage regulator, 8 v. out, 8/\$1.00

1 AMP 50 PIV 15/\$1. ZENERS 1 W: 3.3 3.9
 400 " 12/\$1. 4.1 10.2 4/\$1.
 1000 " 5/\$1. 11.6 12.0 V 3/\$1.
 5 AMP 800 PIV \$1.75 1N3028A, 22 V 2/\$1.
 MR-Series, 6 AMP 1N2974B, 10 W 10 V
 MR750 50 PIV 85¢ 5%, stud mt. \$1.25
 MR751 100 " 95¢ 1N1357RA, 10 W 18 V
 MR752 200 " \$1.10 5% rev-polarity \$1.
 MR754 400 " 1.25 1N5366, 5-W 39 V \$1.
 35 AMP 50 " 1.80
 100 " 2.10
 1N3890 100 V 12 A, \$1.
 1N1337 or 1N1337R, 300 PIV 250 AMPS with
 pigtail, but w/o hardware, \$7.50 each.
 HIGH CURRENT RECTIFIERS w/o pigtail and hardware.
 House numbers; conservatively rated:
 #50-100A, 50 V 100 amps; o/a 1"x2", \$2.00
 #50-200A, 50 V 200 amps; o/a 1½"x3", \$3.50
 FULL-WAVE BRIDGE RECTIFIERS, 200 V 25 amps:
 GI #KBPC25-02, 1-1/8" sq., 4-term., \$1.95
 VARO VTA200/S, c.t. cath., stud mt., \$1.50

LED'S

RED, T-1½ size 8/\$1. GREEN 6/\$1.
 DARK RED, HP5082-4697, 6/\$1.00
 7-SEGMENT NUMERIC DISPLAY, common anode,
 lefthand decimal HP5082-7730, \$1.
 SLA-2 DISPLAY; .33", - or -1 and 1, 2/\$1.00

IC SOCKETS

8-pin low-profile 5/\$1.
 14-pin wire wrap 6/\$2.
 14-pin standard 5/\$1.
 16-pin WW 40¢ ea 6/\$2.
 16-pin l.p. 5/\$1.
 18-pin l.p. 4/\$1.
 20-pin l.p. 35¢ 3/\$1.
 22-pin l.p. 3/\$1.
 24-pin l.p. 40¢ 3/\$1.
 24-pin std. 50¢ 28-pin l.p. 45¢ 5/\$2.
 28-pin std. 60¢ 40-pin std. \$1.00

JUMPERS

PCB jumpers, unused.
 #50-14P2; two 14-pin, 18" long, \$2.50
 43-16P1; one 16-pin, 12" " 1.50 3/\$3.
 44-16P2; two 16-pin, 48" " 3.00
 43-24P1; one 24-pin, 12" " 2.00
 60-24P2; two 24-pin, 2½" " 2.50
 57-28P2; two 28-pin, 4" " 3.50
 44-40P2; two 40-pin, 23" " 4.25
 9-14P1; one 14-p, 23" loose leads, \$1.75

EIA RS232 CABLE, 6' cord with male DP25P plug, female DP25S, and conn. covers, \$14.

PC BOARD JUMPERS with IC plug and DP25P, 16" 16-pin, #16/DP25P, \$5. 24-pin, #24/DP25P, \$6.

GRAYHILL #76SB04 4-SPST ROCKER DIP SWITCHES for PC board uses. NEW, \$1.00 ea. 4/\$3.00

MOTOROLA K1115A CRYSTAL designed for PC board mount; 7.3728 Mhz. Unused, \$1.95

BOURNS 4114R-002 DIP NETWORK, 14-pin 13 resistors, 4700 ohm. NEW, 3/\$1.00 25/\$6.00

COMPUTER POWER SUPPLIES

SOLID STATE POWER SUPPLY RATED CONSERVATIVELY AND CONSTRUCTED ON RUGGED STEEL FRAME. UNITS HAVE FRONT VOLTAGE ADJUST ±10%, RUNNING LIGHT, AC RESET. ALSO FEATURED IS ADJUSTABLE CURRENT LIMITING AND ADJUSTABLE OVERVOLTAGE PROTECTION. POWER INPUT 115V 60 HZ. REMOVED FROM EQUIPMENT GOOD CONDITION. AC POWER INPUT PLUG \$2.00

RATING SIZE SH. WT. No. PRICE
 4v 30A 15½x13½x7 65 LBS. 926 \$30.00
 12v 5A 16x9½x7 85 655 37.50
 30v 3A 15½x19½x7 38 889 27.50
 20-24v 5.5A 20x9½x7 47 332 39.95

DUAL POWER SUPPLY, SAME STYLE AS ABOVE UNITS. -32-36 V 14.7 A AND -32-36 V 10.3 A. TWO INDEPENDENT REGULATORS WITH COMMON BUSS. SIZE: 20x14x12; SH. WT: 125 LBS. #450, \$60.00

24 VDC 20 AMPS HARMONIC REGULATED, HEAVY CONSTRUCTION. 24 VDC 30 A. INTERMITTENT. 20x13½x7, 100 LBS. #4501, \$29.95

CASH REGISTER POWER SUPPLY WITH 6 VDC GEL-CELL BATTERY OUTPUT FOR MEMORY. ALSO +6, +10, +15, AND -24 VDC FROM 115 VAC INPUT. 8x8½x7; 22 LBS. SH. ORIGIN ELEC. #008-0202550A, UNUSED, \$75.00

12 VDC 4VDC 17.5A

12VDC 3.5 AMPS AND 4VDC 17.5 AMPS WITH CURRENT LIMITING AND OVER VOLTAGE PROTECTION. THE 4 VOLT OUTPUT WILL ADJUST TO 5 VOLTS. SIZE: 14x8x6 SH. WT 35 LBS. 115v 60 HZ. USED EXCELLENT COND. #9566WC \$30.00

POWER SUPPLY SAME AS #9566 ONLY LESS REGULATOR CARDS. HAS OUTPUT TRANSISTORS AND HEATSINKS. AN EXCELLENT FOUNDATION \$20.00

32-36 VDC 4.8 AMPS; CONVERSION INFO FOR 12-36 VDC OPERATION INCLD. WITH ADJUST. CURRENT LIMITING AND OVP; 5" COOLING FAN. 9½x6½x19; SHPG. WT: 37 LBS. #32-36V-4.8, \$27.95

OPEN FRAME REGULATED

COMPUTER POWER SUPPLY TRANSISTOR REGULATED OPEN CONSTRUCTION WITH ADJUSTABLE VOLTAGE 20% AND CURRENT LIMITING UNITS WHERE OVP IS NOTED ALSO HAVE ADJUSTABLE OVERVOLTAGE PROTECTION. UNITS ARE IN GOOD CONDITION-REPAIRABLE. ORDER BY RATING AND PART NUMBER.

RATING SIZE SH. WT. No. PRICE
 5v 2A 14x4½x5 16 IC12-01 \$10.95
 5v 4A " " 16 1014-33 14.95
 8v 4A OVP " " 16 1014-21 14.00
 12v 3A OVP " " 16 1014-22 25.00
 12v 6A 14x8½x5 23 1018-32 35.00
 12v 6A OVP " " 23 1018-22 37.00
 30v 3A " " 23 1018-23 22.50
 30v 3A OVP " " 23 1018-33 25.00
 35-40v 500W OVP, 14x8½x5, 60 LB. 1037-12 \$35

PS601301 TRANSISTOR REGULATED POWER SUPPLY produces independent +12 VDC 2.7 A. and -12 VDC 1 A. outputs w/overvoltage protection which can be used in series. Also -6.8 V 300 ma output. 9x5½x7; 16 lbs. Used, \$14.95

MEMORY PCB

Commercially designed PC boards w/position info; less components.

#217D-248 6K EPROM BOARD for six 2708 EPROM; with 24-pin socket and connector, \$8.00
 #217D-101 EPROM BOARD for eight 1702A EPROM, 4/7404, 2/3404; with edge connector, \$4.00
 #217D-136 2K RAM BOARD for sixteen 2102 RAM, 7/7404, 7420; with edge connector, \$5.00

2400-Series MATRIX PRINTER PARTS --Write your needs and we will quote.

FLUORESCENT DISPLAY, 12-digit DG1001, 1-1/8" high with 1" display; 27 transistors and associated resistors, capacitors, etc. 3 lbs. sh. #QP3666, \$5.95

14-DIGIT FLUORESCENT DISPLAY using MG-17F 1½" high tubes with 3/8" display; 31 transistors, 22 capacitors, diodes resistors. Tubes are on plug-in assembly (22-pin). #QP-2704 \$4.95

FAIRCHILD IC'S: 4/9002, 2/9015, 2/9016, 7418C 3/9024, 2/9602, 9/2N2222 plus resistors, diodes, etc. 2 lbs. sh. #C200504G1, \$1.95

CONTROL BOARD with Fairchild TTL: 17/9002, 15/9003, 11/9009, 10/9007, 8/9016, 25/9024, 2/9300, 9301, 9310, 3/9316, 2/4510. Preset-table decade up-down counter. #162407, \$1.95

TWELVE DIGIT FLUORESCENT DISPLAY #PCS2, 3/8" DIGITS WITH CHARACTERS 0 THRU 9, -, +, AND DECIMAL POINT. TUBES ABOUT 2" HIGH. ALSO 2/M5812 COUNTER IC'S, 27 TRANSISTORS, AND OTHER PARTS. 9x8x2½, SHPG. WT: 4 LBS. \$6.95

DIODE MATRIX 34 X 20 CONTAINS 90 DIODES 1N4004 OR EQUAL. 6x11 #005330 \$3.95

DIODE MATRIX 25 X 7, 23 TRANSISTORS, DIODES WITH 22 PIN SOCKET. 7x4½, #2010200

CORE MEMORY ARRAY 2 SECTIONS EACH 52 X 52 BOARD SIZE 13x13x1½ #2162301 5 LB \$3.95

SMALL CORE MEMORY ARRAY, 2 SECTIONS APPROX 65x15 EACH. 4 REED RELAYS 2/3PST, 2/5PST 7x4x½ #2006000 \$2.95

SWITCH NETWORK DIGITAL AND LINEAR IC BOARD. 3352.8KHZ CRYSTAL, 3/2 POLE 4 POS, AND 1/3P2P PC ROTARY SWITCHES. 4 MULTI TURN POTS. 38/72301 OP-AMPS. 2/MC1448, 9440C 5/9016, 4/7408, 3/NE565, 74195 2/SN29007, 2/74161, 2/74109, 3/7400, 2/7410 2/9602, SP380, SP363. 11x13½, WT 5LB. SEVERAL HUNDRED RES., CAP. DIODE. #9825 \$8.95

CMOS #84293: 3/4001, 2/4002, 5/4009, 2/4010 4/4011, 2/4012, 7/4013, 4021, 2/4022, 7/4023 2/4025, 2513 A 64x8x5 CHARACTER GENERATOR 7417. 9x7½, SH. WT 2LBS #84293 \$7.50

CMOS-K1: 6/4008, 4/4009, 4/4011, 2/4012 7/4013, 9/4016, 5/4022, 2/4023, 4024, 5/4040 9x7½, SH. WT. 2 LBS #CMOS 84292 \$6.95

CMOS #14007: 4/4001, 2/4011, 2/4013, 4042, 4558 DUAL OP-AMP, 23 TRANSISTORS, MANY RESISTORS, CAPACITORS. 1 LB #14007 \$2.95

IC BOARD #595254; 3/9322 QUAD 2 INPUT MULTIPLEXER, 7402, 7404, 7406, 7410, 3/7438, 741, 7442. 1 LB #595254 \$1.95

IC BOARD #594747; 8/75451 DUAL PERIPHERAL AND DRIVER, 7438, 7474, 74121, 7404, 6/7400, 7402, 7414, TRANSISTORS, RESISTORS, DIODES CAPACITORS 2 LB #594747 \$2.95

ENDERSOR DRIVER 4/DM8851 DUAL RETRIGGERABLE MVBR, 7474, 9109 HIGH VOLTAGE HEX INVERTER, 2/7400, 7420, 7406, 18 BYPASS CAPACITORS. 10-3 TRANSISTOR ETC 1 LB #484-0001801 \$1.50

CARD READER CONTAINS A TEN SECTION SPST DUAL IN LINE SWITCH, A 8 POSITION MINATURE EC ROTARY SWITCH; 5/7400, 4/7404, 7/7408, 5/7410 4/7420, 7437, 74109, 3/74157, 74180, 9602 2/N82562, 2/SN29301, NCR 94, 8 IC'S NO CROSS REFERENCE. SH. WT 2LBS #315-0529449 \$3.50

TTL CIRCUIT BOARD 2/7400, 7402, 2/7408, 7410/2 2/74109, 3/ 9016, 3/9602, NE565, CAPACITORS RESISTORS, DIODES. #095-0300644 \$1.00

TIMER-COMPARATOR, IC'S 2/NE555V, 2/IM339, 8/7400, 4/7404, 3/7408, 2/7410, 2/7411, 3/7474, 5/7493, 2/74123; two 5K trim pots, 7x8, \$3.

POWER SUPPLY BOARD f/printer: 41 IC'S & sockets (mostly 74-series); 32 power transistors (mostly 10 amp TIP-140-142-145); 3/VTA200-S 200 V 25 A bridges; 5/1N3890 100 V 12 A diodes; and related. Also aliquid capacitors 11/6800 uf 16 V; 5/1500 uf 63 V; 4/220 uf 25 V; 1000 uf 25 V; plus 56/6.8 uf 35 V and 10/4.7 uf 35 V tantalums. 20x14; 5 lb. #803-195 \$22.

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PRINTER COMPONENTS

MATRIX PRINTER MECHANISM, German precision-made printer mechanism used in a U.S. assembled matrix printer which had speeds up to 180 cps bidirectional, 0-132 or 0-158 columns. Includes single platen, ribbon drive, paper guides, motors, belts etc. In 26"wx28"hx20" d beige plastic case with cast-aluminum base as pictured on stand below. (Stand not included.) Cover lifts for easy access. Add your own control/interface electronics and print heads to make it an operational matrix printer. 75 lbs sh. #MPM/MI2, unused, \$125. PRINTER CASE only as above, #MPC/MI2, \$25.



PRINTER STAND, place your printer or keyboard on this sturdy 25" high steel stand. All it needs is your custom desk and/or cabinet top bolted to its 13"x24" top support. Space behind top panel for a power supply or other electronics which you may want seen. Chocolate brown. Shown with printer case which is not included. O/A: 25"hx24"wx21"d; 38 lbs sh. Shipped via truck or bus because of size. #PSD/MI2, \$25.



CX-263 CABLE ASSY

CX-263/3 CABLE with U-226 water-proof locking connector. 10 1/2' cable has five 19 AWG copper and steel stranded pairs. U-226 which has five gold-plated male and female contacts, can be disassembled and rewired to handle 12 AWG stranded wire. U-226 mates to U-226 so two cables can be connected. Adapt to your indoor or outdoor power applications. 4 lbs sh. Unused \$10. 2/\$15.



COPPERCLAD PCB

Single-side copper-clad etching board for making printed circuits. NEW. #PIB24-CC, 11 1/2"x4 1/2" on fibreglass, 2/\$1.25 #PHEL8-CC, 8 1/2"x4 on phenolic, 3/\$1.00



DATANETICS KEYBOARD

DATANETICS KEYBOARD, 75 keys including upper and lower case letters, standard numbers and symbols, control keys, plus separate ten key numerical set. Brown keys. ASCII encoded using IC's 7400, 7404, 2/7408, 7410, 7432, 2/7493, NE556, and EA20106. Requires +5 VDC and -12 VDC. Keyboard is assembled. With unassembled case consisting of beige metal top, unpainted metal bottom/sides, brackets, rubber feet, and 5' cable with PCB edge connector and 16-pin dip plug. Pinout info sheet incld. 20x7 1/2"x2 1/2", 10 lbs. #0284-819-10. NEW, \$89.95



INTRUSION

MALLORY INTRUSION ALARMS, hang on inside door knob and set sensitivity. Alarm sounds when outside door knob is touched. Works on capacitance discharge. Will not work with steel doors. 2 lbs sh. NEW. #DRS-AC, loud clacker, 115 VAC 60 Hz, \$8.95 #DRS-DC, w/Sonalert, 9 V battery req., \$9.95



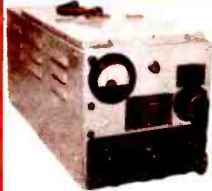
NICAD TEST

AN/USM-63 BATTERY TESTER, includes TS-737 meter and MX-1678 load box. Tests ni-cad batteries with or without load and charging. Range: 1-1.7 VDC using probe; 25.2-34.1 VDC at binding posts. TS-737 (8 1/2"x6 1/2"x4 1/2") is dual range voltmeter with 2.8 Ohm load resistor. MX-1678 (14x6 1/2"x5 1/2") has two 5.6 Ohm 300 W resistors in parallel. 18 lbs sh. USM-63, unused, \$30.



0.1-10 GHZ FREQ. METER

TS-186/UP FREQUENCY METER, measures frequencies from 100 Mhz to 10 Ghz using harmonics of a 50-1250 Mhz heterodyne oscillator. Zero beat dial readings are interpolated into frequencies via a calibration book. Zero beat indicated on an 0-1 milliammeter or monitored through a 600 ohm headphone jack. RF signal input must be from 500 MV to 1 V for proper use. With tubes 2C40, 955, 5Y3, 2/0D3, and 5/6S37. Power required: 115 VAC 50-1000 Hz. 9 1/2"x8 1/2"x20; 48 lbs. sh. Used, repairable, \$95. Checked, \$135.00 MANUAL f/TS-186, partial reproduction, \$7.50



LF FUNCTION GENERATOR

SG-321 LOW FREQUENCY FUNCTION GENERATOR, .008 to 1200 Hz square, triangular, or sine wave in five multiplier ranges. Max. output: 33 p-p. Synch pulse 22.5 V peak neg., less than 5 u-sec duration. Internal impedance: 40 ohms. Output balanced or single-ended; 19 tubes. Requires 115/230 VAC 50-400 Hz. 12x19 1/2"x14 1/2", 65 lbs sh. Unused, \$105.00



ORION AC VTVM

ORION V-100M VACUUM TUBE VOLTMETER with 6" X 4 1/2" h mirrored scale; similar to Hewlett-Packard 400H. Twelve full scale meter ranges from 0.001 to 300 VAC (rms) or -60 to +50 DB. Response 10 Hz to 4 Mhz. Input impedance 10 megohms shunted by 24 pf (.001-0.3 V) or 14 pf (1-300 VAC). Requires 115/230 VAC 50-1000 Hz. 11 1/2"x7 1/2"x11 1/2", 22 lbs sh. Used, repairable \$55. Checked, \$95.



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PRC-25 TRANSCEIVER

RT-505/PRC-25 PORTABLE TRANSCEIVER, 30 to 75.95 Mhz FM in bands 30-52.95 Mhz (Lo) and 53-75.95 Mhz (Hi) using 920 channels with 50 Khz spacing. Transmitter output: 1.1 to 2.0 watts. Has 150 Khz squelch tone. Set is transistorized except for 2DF4 tube in power amp. Power required: 3 VDC 0.4 amp and 15 VDC 1.4 amps. Batteries not available. Size: 4x11x14; 18 lbs. sh. Used, not checked, \$125.00



AN/PRC-25 BACKPACK TRANSCEIVER SET consisting of RT-505, CY-2562 battery box, ST-138 backpack harness, H-189 (or H-138) handset, AT-892 ribbon antenna, AB-591 antenna base, AT-271A antenna, and CW-503 (or CW-216) accessory bag. Used, \$160. PRC-25 SCHEMATIC, \$5.

DIGITAL DC VOLTMETER

DIGITEK 251 DC DIGITAL VOLTMETER, uses RTL logic and four Nixie tube display (2/B5441 and 2/B5440). Has 10v, 100v, and 1000v push-button scales. However, original user tagged these meters, "Do not exceed 400 VDC." Units have calibrate and zero select and adjust, over-range neon indicator, and BCD data output board. Sampling rate adjustable 10/sec to one/2 sec; max. interrogation 10 samples/sec. Requires 115 VAC 60 Hz. 4 1/2"x8 1/2"x11 1/2", 15 lbs sh. Used, repairable with manual, \$45.00



ANTENNA HORN

AT-903/G ANTENNA FEED HORN f/600-1850 Mhz range. 50 ohms impedance; type C connection. Has locking 11-position elevation adjust. Fits 2" dia. mast. Aluminum. 35" Lx26"Hx21" 40 lbs. Shipped via truck only. Used, \$35.00



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CATALOG WS-79

+-1979 CATALOG SPECIAL+-



R-390A/URR RECEIVER, covers 0.5 to 32 Mhz in 32 one Mhz bands read directly from a counter-type indicator. Mechanical filters. Triple conversion: 1st IF variable 17.5-25 Mhz; 2nd, 3-2 Mhz; 3rd, fixed 455 Kh Receives CW, MCW, and voice; also single sideband and FSK through use of EFO. Built-in crystal calibrator every 100 khz. Output impedance: 600 ohms. Antenna input impeded: 125 ohms balanced. Rackmount, no covers. 115/230 VAC 60 Hz. Size: 10 $\frac{1}{2}$ x19x16 $\frac{1}{2}$; 95 lbs. sh.

R-390A USED, REPAIRABLE, CHECKED, \$450.00 MANUAL, \$12.00 **\$295.**

50 TO 400 MHZ FM



SG-3/URM-70 FM SIGNAL GENERATOR, 50-400 Mhz in three bands. Internal modulation 1000, 1600, or 20000 Hz. External: 250 to 75 Khz. FM deviation: 0-15-75-150 Khz (50-100 Mhz), 0-30-150-300 Khz (100-200 Mhz), and 0-60-300-600 Khz (200-400 Mhz) Output: 0.1 to 100K u-volts, -25%. 50 ohm output. Power required: 115 VAC 60 Hz. 15x11 $\frac{1}{2}$ x17 $\frac{1}{2}$; 80 lbs sh. Used, reparable, \$225.00 Checked, \$295. MANUAL, partial repro, \$10.

ELECTRO-GUARD SENSOR

ELECTRO-GUARD ALARM, "senses" tampering with protected object. Utilizes the loading of a tuned oscillator (about 30 Khz) to detect touch. The item to be protected (which must be metal) functions as an antenna and the circuit is tuned. Once the item is touched, the circuit is detuned, tripping a relay. The relay could activate sirens or horns, lights, or cameras. Unit also has continuity circuit for perimeter or fusible link fire alarm. With tuning meter, switches for test-alarm and moment-lock-delay, four relays, two tubes, and one transistor. Requires 115 VAC 60 Hz. 9 $\frac{1}{2}$ x5 $\frac{1}{2}$ x9; 15 lbs sh. Unused, w/instructions, \$25.



POLICE RADIO CONTROL

RCA MI-559369 RADIO CONTROL STATION, uses discrete and TTL circuitry to send digital signal for various police department 10-** codes. Has minitron tubes which indicate ANSWER and CHANNEL. Switch used to enter manual 10-codes and push switches for codes 10-04, 10-51, 10-91, 10-52, 10-08, 10-76, 10-07, 10-44, SEND, and BMG. Volume control and squelch. Also SC628 sonalert for audible signal. No schematic or other information; plugs not available. 6 $\frac{1}{2}$ x8x6 $\frac{1}{2}$; 7 lbs sh. Unused, \$45.00



MOBILE RADIO CONTROL BOX, with switching for frequency selection (F1-F2-F3-F4), transmit mode (REPEAT-LOCAL), Q.C. (ON-OFF) power (ON-OFF), and volume; power and transmit indicator lights. Sturdy grey plastic case with steel back and mounting bracket. Mounts under vehicle dash or wherever. Mating plugs not available. 3 $\frac{1}{2}$ x6x2 $\frac{1}{2}$; 4 lbs sh. #MBX-501, unused, \$7.95

AUTOMATIC COUPLER

CU-991 ANTENNA COUPLER, military version of Collins 180L-2. Automatically resonates an antenna to a transceiver's frequency and couples the RF signal between the transceiver and antenna. Designed for use with sets like ARC-38, -38A (pg. 24) in the 2-22 Mhz range having power outputs of 50 to 180 watts. Input impedance: 52 ohms. Usable with fixed open-circuit wire antennas 45'-100' in length and most grounded end antennas of like length. 0-10 SWR meter, 30-239 connector on front, and tubes 2/5751 and 5814. Individual components are described below. Requires 27 VDC 3.5 A, 115 VAC 400 Hz 20 W, and 250 or 400 VDC 35 MA. 10 $\frac{1}{2}$ x7 $\frac{1}{2}$ x11 $\frac{1}{2}$; 24 lbs. sn. Used, \$54.50
POWER CABLE w/two connectors f/ CU-991, \$5.00 CHASSIS CONNECTOR, mates to cable, \$2.50 ea.



VARIABLE INDUCTORS

VARIABLE RIBBON INDUCTOR with MOTOR DRIVE, consists of two 5.4"L x 3.375" dia. coil forms with 288" of drawn silver ribbon (0.125" w X 0.01" th) wound between. Approx. 32 uHy. Ribbon is transferred from one coil to the other as 28 VDC motor turns both. O/A 9 $\frac{1}{2}$ x5 $\frac{1}{2}$ x5 $\frac{1}{2}$; 10 lbs. sh. #1401/CU-991, removed, \$25.



ROLLER INDUCTOR ASSEMBLY with motor drive. 3.4" long x 1.75" dia. coil; 28 turns #18 wire. Approx. 14 uHy with center tap. 115 VAC 400 Hz 20 watt motor turns the coil. Originally used to automatically resonate an antenna to a transceiver's frequency. O/A 4 $\frac{1}{2}$ x2 $\frac{1}{2}$ x3 $\frac{1}{2}$; 5 lbs. sh. #T301/CU-991, \$9.95

RF VACUUM VARIABLE CAPACITOR ASSEMBLY, consists of 7-970 pf 3 KV vacuum variable capacitor with 28 VDC drive motor and gear assy. Will run on 8 VDC and up. #C501/CU-991, rem., \$34.95

BILLBOARD

TWO-DIGIT CHANNEL DISPLAY with 2" amber numerals on a black background. Set consists of 5 $\frac{1}{2}$ " w X 3 $\frac{1}{2}$ " h display block, 24-position channel switch, and 15 feet of 11-conductor ribbon cable. Operates from 12 VDC. Originally designed for CBER's to show-off frequency channels 1-23 through their car windows. (A show of Channel 9 could be particularly helpful in alerting other motorists to an emergency situation.) Other uses possible. Could probably be adapted into a highly visible timing and/or counting display. New, \$12.



CHASSIS -- ENCLOSURE

ALUMINUM ENCLOSURE w/top and bottom sections. O/A 14"L x 7 $\frac{1}{2}$ " w x 2-3/8"H. Top has no cuts. Bottom has cutouts on one end for fuse, AC power, and control. Use as-is or use top and bottom as separate chassis. #RCU-M12, new, \$5. 3/\$12.



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SEE PAGE 2

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6625-810-6742
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FS=50 UA w/ mirrored scale, zero adj. Scale: 4.0-20.0 GMS % HEMOGLOBIN. Mount on panel front or behind. Fits 2 1/2" dia. hole. 5x6x2; Beede mfg., \$7.95




CALBIOCHEM meters, FS=50 UA 2-3/8" square. Used, \$4.95
#200037, 0-150 -350% GLUCOSE scale.
#200039, 0-.3% BLOOD ALCHL.
#200056, 4-24% HEMOGLOBIN




CALBIOCHEM meter, 2 1/2" square. FS=10-0-10 UA. Null scale with zero adjust. Unused, \$7.95




CLEAR PLASTIC METERS, 2-3/8" sq. fit 2-1/8" dia. hole. EMI mfg. Unused.
#D1145-2, 0-5-50 MADC, FS=5 mads, \$4.95
#D1159-1, 0-50-500 MADC scale, FS=50 mads, \$4.95
#D630, 0-3 VDC, \$4.95



LP-GAS METER, 0-1 VDC full scale. Mounts in 2" dia. hole. Chrome finish #48560-2. \$1.50 ea.




SELSYN METER FOR CHECKING LEAD AND LAG. TERMINALS FOR 115 VOLT A.C. AND FROM SEL SYN. 4 1/2" DIA. WESTON 543/245620 U \$6.95




MULTIMETER USED TO TEST AIRCRAFT CIRCUITS. FULL-SCALE 100 UA. 1100 OHMS 10% 4x4 1/2 x 5 WT. 3 LBS USAF-5200-47490C \$4.95



MICROMHOS DYNAMIC MUTUAL CONDUCTANCE USED IN I-177 TUBE CHECKER BASIC 0-1.4 MA. HICKOK #M547A STK# 3F1350 \$4.95




TV-2 REPLACEMENT METER, 0-250 SCREEN VOLTS, FS=1 MA. 2 1/2" RD. SEALED. NEW \$5.95




DECIBELS
-10-0-64 DB 6MW 600 OHMS 2 1/2" RD. WEST. 2837 \$4.95
-12-0-84 DB 100 UA=FS 3 1/2" RD. BLK. RUGG. WAC4586 N \$7.95
-12-0-+8 DB, FS=100 ua, 3 1/2" rd. blk. face. Used, \$5.95
-20-0-34 DB FS=199 MUA 2 1/2" R #GA50934 USED \$4.95

OTHER VALUES IN STOCK, WRITE
POWER SET #6 TO 0 TO-3 2 1/2" RD. FS=200 UA, WACLINE 1496/400 RUGG/SEAL U \$3.95


MULTIMETERS by Modutec. 5x4, zero adj, mirrored scale. Fits 2-5/8" dia. hole.
#841256, 0-10 VDC-UA-VAC rms; FS=50 uadc. New \$7.95
#841974, 0-10 VDC-AC rms-UA DC, 0-28 VAC p-p, OHMS. FS=100 uadc, new, \$7.95
#821155, 0-±100 VDC, 0-75-150 MADC; FS=100 uadc. Not mirrored; 3x2 1/2. Fits 2-1/8 dia. hole. Unused, \$5.95




DUAL SCALE METER 0-1 MA MOVEMENT TWO MECHANICALLY SWITCHED SCALES, 0-25, 0-125. FOR BEHIND PANEL MTC. CAN BE ILLUMINATED SHAFT EXTENDS 3/8" FRONT AND REAR. 2 1/2 x 1 FACE, 2 1/2 x 3 1/2 x 1/2 OVE ALL. UNUSED \$4.95




ROENTGENS PER HOUR METER 50 MICROAMPERE D.C FULL SCALE 3 1/2" RUGGEDIZED REMOVABLE PLASTIC LENSE, BLACK FACE. TOP SCALE 0-500, LOWER 0-10 #300-10764 UNUSED \$3.95




BALLENTINE V.T.V.M. METER ONLY AC VOLTS 1-10 DECIBELS 0-20 WESTON 643 4 1/2" OR EQ. MFG. PT. NO. 205007 NEW STK#6625-557-0899 \$8.95



OUTPUT METER FOR IS-497B AND TS-497C SIGNAL GENERATORS. 300-0-300 DC MICROAMPS. 3 1/2" RD. WARIION HS3, #5705 NEW \$7.95




EDGE-WISE METER 0-100 D.C. MA. FULL SCALE 20 MA 2 1/2 x 3 1/4 FACE INTERNATIONAL 1135ULB \$5.95




DC VOLT METER 3 IN. Sq. NO SCALE COLORED SEGMENT SIMPSON MFG. NEW 50 VDC #1913 \$6 25 VDC #1906 \$6



GE PANEL METER 1-0-1 MA. 3x2 3/4, 2 1/2 IN MTG HOLE. #76-632-0719 PRICE: UNUSED \$8.95



PIC #1 SCALES: OHMS 0-INF, DCV 0-15, ACV 0-50, PP 0-40 0-150 DB-10-0-50 FS=200 UA HEATH VTVM #407-62 N \$12



0-60 top scale; 0-3-15-60 VAC, VDC, MADC. FS=425 ua. 4x4 1/2, #F30033, used, \$6.95
PIC#3 SCALES OHMS 0-1000, VDC 0-3/0-10, VAC 0-30/0-10 4 1/2" x 4 1/2" #0752 NEW \$10
I-176 TEST UNIT METER FOR MULTIMETER #8347 NEW \$15.

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DESCRIPTIONS
ALL MATERIAL OFFERED IN THIS CATALOG IS IN "USED-COMplete" CONDITION, UNLESS QUALIFIED AND/OR NOTED AS "RECONDITIONED," "UNUSED," OR "NEW."
MERCHANDISE IS NOT OPERATIONALLY CHECKED UNLESS SPECIFIED AS "CHECKED."
EQUIPMENT DESCRIBED AS "REPAIRABLE"—MEANING "ABLE TO BE REPAIRED"—IS ELECTRO-MECHANICALLY COMPLETE, BUT REQUIRES SOME TROUBLESHOOTING BY THE CUSTOMER.

AC VOLTMETERS

0-3VAC 3 1/2" RD. SUB PANEL MTG 1000 P/V 2F8003-11 NEW \$7.
0-7.5VAC 3 1/2" RD. STD. WEST. CAY2237 NEW \$6.95
0-10VAC 2 1/2" SQ. OR RD. STD. WESTON 517 NEW \$5.95
0-30 VAC SCALE, 3 1/2" ROUND, WESTON 476, UNUSED, \$6.95
0-150 VAC, 3 1/2" rd., various mfg. #M501/URT, used, \$7.95
0-300VAC 2 1/2" RD. RUGGED. 3F8300-72 USED \$4.95
0-100 VAC, 3 1/2" rd. Hickok Model 47M, used, \$5.95
VAC SCALES 0-3/10/30/100 2 1/2" RD. FS=1.5V 07231 NEW \$4.95
0-50 VAC, 1000A/V, 3 1/2" sq. WESTON 301, UNUSED, \$6.95

AC AMMETERS

0-100 u-AMPS AC, 2 1/2" RD. WESTON 506, UNUSED, \$6.95
0-25 MA AC, 3 1/2" ROUND, TRIPLET 231S, USED, \$6.95
0-150 ACA, 3 1/2" RD. FS=5 AMP #3974, UNUSED, \$6.95
0-200 ACA, 2 1/2" RD., FS=5 AMPS; RUGGEDIZED. SIMPSON 155R, UNUSED, \$6.95
0-150 VAC 400 Hz, 2 1/2" rd. w/resistor 1/60 Hz use. Blk or white face. Unused \$6.95

D.C. MILLIAMPS.

FS=1 MADC, 0-5-25 indicated 2 1/2" rd. sealed. #1031 \$4.95
0-3 MA-DC, 3 1/2" rd. sealed. #4081, unused, \$6.95
0-80 DCMA SCALE 2 1/2" RD. RUGG. #2274 N \$4.95
0-100DCMA 100MA. MOVE. 3 1/2" RD. RUGG. #4265 N \$6.95
0-150 DCMA SC. USED 3 1/2" RD. STD. CAY22061 \$5.95
0-200 DCMA SC. 2 1/2" RD. USED #MR25200DCMA \$3.95
0-200 DCMA SC. 3 1/2" RD NEW GE-CG22063 \$5.95
0-300 DCMA SC. 2 1/2" RD. GRO-300 USED \$4.95
0-15-300 MA-DC, FS=15 mads, 3 1/2" rd. various mfg. \$5.95
0-500 MADC, 3 1/2" sq. Simpson Used, ptr. tip bent, \$4.95
0-750 DC MA, 1 1/2" sq. Rowan #D-6407F-1, unused, \$4.95
FULL SC. 1.2 MA. 0-100 SC. 2 1/2" RD. 3F910-47 U\$2 NEW \$3

OTHER VALUES IN STOCK, WRITE


D.C. MICROAMPS.

0-200 UADC, 3 1/2" rd. sealed; Var. mfg. #3981, new, \$3.95
0-200 UADC and -8-0-+6 DB, 2 1/2" rd. sealed, new, \$4.95
0-500 UADC, 2 1/2" rd., Var. mfg. Used, \$4.95
FS=500 UADC, 1 1/2" sq. 10 div scale. #3F3312, new, \$4.95
100-0-100 UA-DC, 2 1/2" rd. sealed; Honeywell, U, \$4.95
50 UA MOVEMENT, SCALE -30, 0, 150, POINTER AT ZERO, SEAL ED, 2 1/2" RD USED TRC30150 \$4
50 UA MOVE, SCALE 0-100 % MOD/PEAK VOLTS. SEALED 2 1/2" RD USED TRC10050 \$4.00
FS-100MUA, COLORED SCALE NO NUMERALS 2 1/2" RD. RUGGEDIZED. WESTON 521/4967 NEW \$5.95


0-100 UA-DC, 2 1/2" RD. SEALED VARIOUS MFG., USED, \$4.95

OTHER VALUES IN STOCK, WRITE

FAN-SHAPED METERS, plastic w/ zero adj. 3" top 2 1/2" bottom; 3" H. Fits 2" dia. hole. EMI mfg. Unused.
#EMI-200UA, 0-50-150 VDC, FS=200 ua, \$4.95
#EMI-20ACA, 0-20 ACA, \$7.95
#EMI-5VDC, 0-5 VDC, \$5.95
#EMI-25VAC, 0-25-250 VAC scale; FS=25 VAC, \$5.95
#EMI-FS-50MA, 0-500 MADC scale; FS=50 mads, \$5.95



BIG LOOK
0-20 DCA SCALE 50 mv 3 1/2" N \$8.
0-10 VDC SCALE 3 1/2", USED, \$8.
0-500 MA-AC 3 1/2" #6775, \$12.




D.C. VOLTMETERS

0-50 VDC EDGEWISE; 1 1/2" X 1 1/2". HONEYWELL, NEW, \$8.
0-1VDC SC. 2 1/2" RD. RUGGED FS-1V #0887 NEW \$5.95
0-10 VDC, 3 1/2" rd. Various mfg. Used, \$5.95
0-30 VDC, 2 1/2" RD. SEALED; DEJUR R230, USED, \$7.95
0-5 KV-DC, FS=1 MA, 3 1/2" RD. VARIOUS MFG. UNUSED, \$5.95
0-100VDC SC. 2 1/2" RD. RUGGED #9545 NEW \$5.95
0-50 VDC, 2 1/2" RD. WHITE OR BLACK FACE, USED, \$6.95
0-250VDC SC. 3 1/2" RD. 1000OHM P/V WESTON 301 USED \$5.95
0-300VDC SC. 2 1/2" RD. WESTON 506 NEW \$5.95
0-500VDC SC. 3" SC. #231-1624 Used \$5.95
0-500VDC SC. 2 1/2" RD. RUGGED FS-50MUA #683-9829 NEW \$5.95
PEAK VOLTS 0-5/10/20 SCALES FS-500 UA 2 1/2" RD. UNUSED WESTON MODEL 1021 \$4.95

OTHER VALUES IN STOCK, WRITE

R.F. AMMETERS

0-5 ANT CURR. W/TRANS. COIL 2 1/2" RD. M101/ART13 U \$5.95
0-15 RF 3" SQ. FS-1MA, SIMPSON 271 U \$8.95




SMALL METERS; 1 1/2" SQUARE. RUGGEDIZED. UNUSED, \$4.95 EA
#7838; RECORD LEVEL INDICATOR, FS=250 UA, DEJUR #3538; 0-10, FS=1 MA. INTL. #2250; 0-250, FS=5 MA, BLK. FACE, SIMPSON 182. #0728; 0-10, FS=50 MV, BLK. FACE, WESTON 151. #7693; 0-10 SCALE, FS=1 MA, 1 1/2" DIA., IDEAL S-100.

DC AMMETERS

0-5 ADC SCALE, 2 1/2" ROUND, WESTON 506, UNUSED, \$8.95
0-150ADC 3" sq. 50 MV SHUNT REQ. #8397 NEW \$6.95
0-450ADC 1 1/2" sq. 50 MV SHUNT REQ. 152049 NEW \$5.95
25-0-25 ADC, 3 1/2" rd. Simpson; #5988, unused, \$8.95
AUTOMOTIVE TYPES 2 1/2" RD. 15-0-15 DCA, #0893, \$2.95 20-0-20 DCA STERLING 2020 \$2.95 30-0-30" SW 6625-9014 \$3.95
0-50 ADC, 3 1/2" square, Westinghouse; unused, \$9.95
400-0-400 DC AMPS induction type movement. 2 1/2" sq. fits 2" dia. hole. Chrome finish #1696-1B, unused, \$1.95

SIMPSON Wide-Vue
100-0-100 UA-DC, 3 1/2". Various scale labels: LOCK, EQUALIZATION, VELOCITY, etc. Used, \$8.00



ELECTRONIC PHOTO-FLASH TUBE R4330
 SYLVANIA, OPERATING VOLTAGE 2250, 6 FLASHES PER/MIN
 100 WATT-SEC/FLASH MAXIMUM, PEAK LIGHT OUTPUT 12,000,000 LUMENS, INTEGRATED LIGHT OUTPUT 3500 LUMEN SEC. FLASH. \$10 OCTAL CER.SOC. 50¢

RECENT COMPUTER SURPLUS TRANSISTOR BOARDS
 BOARD #1: 100+ TRANSISTORS, PLUS DIODES, 1/2 WATT RES., INDUCTORS, TRIMPOTS, CAPS. 6"x8". 4 EA. #1, \$3.00
 BOARD #2: 50+ TRANS., RES., CAPS., ETC. 5"x7". 5 EA. #2, \$1.50
 BOARD #3: 150+ SILICON TRANS., ETC. 4"x6". 4 EA. #3, \$3.00

CARTRIVISION COMPONENTS

FISH TANK
 FISHTANK OF ELECTRONIC COMPONENTS, P/O VIDEO TAPE SYSTEM. CONSISTS OF DEMODULATOR, SERVO-AMP, DROPOUT COMPENSATOR, PER/POST PROCESSOR DC POWER SUPPLY (115 V 60 HZ; OUTPUT -12/-12 LAMP REG, 5 VDC 1 AMP UNREG. MANY PARTS, IC'S, FET, TRANSISTORS, TRANSFORMER VARIABLE RESISTORS, CAPACITOR MORE! SIZE 14x12x6 1/2 WT 15 \$14.95

TIMER BONANZA
 CARTRIVISION TIMER CONTROL, 115 VAC 60 HZ MOTOR W/SPDT CONTACTS; UP TO 8 HR. DELAY. 18 V. 200 MA TRANSFORMER; 12 VDC SPDT RELAY; SPDT & 4PDT (CENTER-OFF) SLIDE SWITCHES; SPST MICRO-SWITCH; TRANSISTORS, RECTIFIERS, ETC. \$1.95

Cermet Trimmer
 195/RJ12 CERMENT TRIMMERS 1/2" RECTILINEAR 23 TURN. 79¢ EACH. 2 FOR \$1.50

TYPE P: 500, 10K, 100K
 TYPE L: 50, 1K
 TYPE Y: 200, 1K, 250K, 20K, 250, 10K, 20K, 100K

CERMET and other manufacturers as available.
 TYPES 170 thru M176, 1/2" sq. All 59¢ ea. 2/\$1. Qty. ltd.
 TYPE 170; metal, 3-pins on broadside: 100, 1K, 5K, 25K, 100K, 250K, 500K
 171-T; metal top adj., 3-pin on thin side: 200, 250, 2500 5K, 10K, 50K, 100K, 500K, 1 MEG.
 171-S; metal side adj.: 100, 200, 500, 1K, 2K, 5K, 10K, 100K, 250K, 500K, 1 MEG.
 172; metal, wire leads: 100, 200, 500, 1K, 2K, 5K, 10K, 25K, 50K, 100K, 250K, 500K, 1M.
 M174; plastic, 3 pins on broadside: 100, 1K, 2K, 10K, 25K, 50K, 200K, 1 MEG.
 M175; top adj., 3 pins thin side: 500K.
 M176; wire leads: 1K, 500 K.

TYPE 165-T, 3/8" sq. plastic, top adj.: 50, 100, 500, 2K, 250K, 500K, 1 MEG. 59¢; 2/\$1.
 165-S, 3/8" sq., side adj.: 50, 100, 200, 500, 2K, 5K, 250K, 500K, 1 MEG. 59¢; 2/\$1.
 TYPE 385; metal, 11/32" dia., 3 pin short lead; 39¢, 3/\$1.00: 50, 100, 500K.

190 CERMET TRIMMER 20 TURN 3/4" RECTILINEAR; 200, 100K, 200K. 75¢ EA. 2 FOR \$1.20

3-CHANNEL ULTRASONIC

TRANSISTORIZED 3-CHANNEL ULTRASONIC DEVICE WITH TRANSISTORIZED TRANSMITTER. YOU CAN TURN ELECTRICAL/ELECTRONIC EQUIPMENT ON AND OFF WITH A PUSH OF A BUTTON. UNIT USES 41.5, 40, AND 38.5 KHZ FREQUENCIES--TWO CONTROL SPDT RELAYS; THE OTHER CAUSES A STEPPER (ON/OFF/VOLUME) RELAY TO ACTUATE. HANDHELD TRANSMITTER WORKS FROM 1.5 V BATTERY; RECEIVER REQUIRES 115 VAC WITH AN ISOLATION TRANSFORMER RECOMMENDED. RECEIVER 3x5x2; TRANSMITTER 2 1/2x4x1 1/2; PICK-UP 1 1/2x2 1/2 DIA. UNUSED. RECEIVER, XMITTER, PICK-UP, SCHEMATIC, \$20.

TEST LEAD PADS

TEST LEAD PADS WITH BNC CONNECTIONS FOR 50 OHM LINES; USED. MX-1487 IMPEDANCE MATCHER, \$5. SM-35/URM ANT. SIMULATOR, \$5. DA-651/URM DUMMY ANTENNA, \$6. CN-223/URM 5:1 ATTENUATOR, \$7.50. CN-224/URM 10:1 ATTENUATOR, \$7.50. CX-1363 BLANK SHELL, EMPTY, NO CONN., \$2.00. UG-1441, BNC to two banana jacks, \$3.00

RADIAC SET

AN/PDR-27 PORTABLE RADIATION DETECTOR CONSISTING OF IM-74 RADIAC METER AND DT-53 DETECTOR PROBE WITH BS-1 GEIGER-MULLER TUBE. METER INDICATES AMOUNT OF BETA AND GAMMA RADIATION IN MILLIROENTGENS PER HOUR. RANGE SCALER FOR 0.5, 5, 50, AND 500 M-RTNGS/HR. BNC CONNECTION FOR HEADSET MONITORING. USES BATTERIES (NOT AVAILABLE) WHICH SUPPLY 135 VDC, 22.5 VDC, AND 1.5 VDC. SIZE: 8x6x1 1/2; 15 LBS. SH. USED. REPAIRABLE, \$19.95; TRANSIT CASE, \$5; BOOK \$5.

D O L L A R D A Z E SOME ITEMS AVAILABLE IN QUANTITY. WRITE FOR PRICE.

1-77 SLA-1 LED .33 INCH 0-9 WITH DECIMAL EACH \$1.00

17 CONTROL BOX; W/SWITCHES 1EA. DPDT, DPST, SPST ALSO 3 PILOT LITES W/BULBS \$1.00

33 VINYL COVER FOR TYPEWRITER, FITS BASE 18x18 MAX HEIGHT 8 INCHES \$1.00 EA

SLA-2 LED .33 INCH, 1 (PLUS) - (MINUS) & 1 (ONE) 2 FOR \$1.00 2-77

FELT FOOT MOUNTING; 3/4" DIA. FT. MTG. STUD 1" LG. 8/32 THREAD 12 FOR \$1.00 18

CKT BRD 38 FUSES 8A. 28EA. IN/487 23 RESISTORS, 3 TANT. CAPS 2/\$1 34-77

TRIPLETT AC ADAPTER 5.8VDC 310MA WHEN USED WITH EXTERNAL CAPACITOR(NA) 99¢ ea. 4-77

FELT FOOT MOUNTING; DIAMOND SHAPE ROUND ED CORNERS, 1 1/2x1 1/2, 8/32 HOLE 12 FOR \$1.00 19

LEE PANEL "L", 3 TRANS. 1 SM. HEAT SINK, 9 RES. 2-10 W.PHENOLIC 4/\$1 35-77

IC BOARDS, 30 IC'S, MRTL, RTL, HOUSE NO. TTL TRANSISTORS/CAPS \$3 4-77

US ARMY ARMOR COMMUNICATIONS ELECTRONIC DATA, ST 24-18-1 6-73 \$3.00 20-77

LEE PANEL "J", 9 TRANS., 19 RES. 2-10 W.3 SM. HEATSINKS PH.BD 2/\$1 36-77

2N604 HIGH SPEED SWITCH AND AMPLIFIER 14 FOR \$1.00 5-77

FIVE COND. CORD 20' LG. 5 PRONG PLUG 1 END, FLEX. 2 FOR \$1.00 21-77

PANEL D, 3 TRANS, 8 DIODES, 6 RES 1/2-2/\$1 10WATT. PHENOLIC BRD, ANGLE BRACKETS 37

12 VOLT SWITCHING SILICON TRANSISTOR. HOUSE NUMBER 12 FOR \$1.00 6-77

GAS-GUARD, SPRING COIL TYPE, 2" AT LGE. END, 5 1/2" LG. 3 FOR \$1 22-77

SPEAKER, 3" DIA. 8 OHM 1 WATT; SANPO SP-024, UNUSED, \$1.00 38-79

PHOTO-CELL 12V SENSITIVE SW. CLAREX CL-407 3 FOR \$1 7-77

BRASS COUPLINGS FOR 3/8" SHAFTS, 3/4" LG. 3 FOR \$1.00 23-77

FS=150 UA LEVEL METER; 3/8x7/8 FACE OVERALL 1x1x1/2; JAPAN. \$1.00 3/\$2. 39-79

MINI-BOX; 2 PC. 6x4x3, W/HOLES FOR SLIDE SW, 2/5-16, 1/2, 3/3-16 & 7/7-8 HOLES \$1.00 8

MINIATURE TUBE PIN STRAIGHTENER 8 & 10 PIN. 2 FOR \$1 24-77

TIMER MOTOR 115 V 50 HZ 3/4 RPM 2/\$1.00 40

REC-TRANS CHASSIS; SOLID STATE FOR USE IN BROADCAST BAND, 2 1/2x6x1, NO/CASE \$2.00 9

MOBILE PLATE W/SPST SW, LITE, JACK, 10 COND. 6' WIRE 3 1/2x3 1/2 PLATE \$1 25-77

COUNTERS SMALL MECHANICAL TYPES 3 TYPES \$1.00 41-77

SENTRY ALARM; BUZZES WHEN PIN IS PULLED SIZE 2 1/2x3x1 1/2, REQ. 9 VOLT BATT. \$1.00 10

COILED CORD 3 COND. 18-36" TELEPHONE USE, PINK OR GREEN 3 FOR \$1.00 26-77

10-98/APN, USES LAMP TO INDICATE RF FIELD INTENSITY, 5" ELEMENTS, \$1.00 42

CLEAR PLASTIC 1/4" PLASTIC TAPE REEL 7" 2 FOR \$1.00 11

SANDY'S TRANSISTOR SPECIAL, 100 TRANS. + DIODES, RES. 4 LBS. \$1. 27-78

TAPE, RUBBER, ADHESIVE, 3/4" W.X15" .045" THICK TL-192 3 FOR \$1.00 43-77

PLASTIC MITTENS 12 PAIR \$1.00 12

PHONE PLUG 3 CONDUCTOR, ON 24" COILED CORD RETRACTED, 48" STRETCHED. \$1.00 28

PM SPEAKER RM T-39/SCR-511. 2 1/2 DIA 1 1/2" D. 3 OHMS DC RES. \$1.00 44

TOGGLE SWITCHES; SPST, CUT-OFFS 5/\$1.00 13

LEATHERETTE INSTRUMENT CASE, 8x2 1/2 x4; TWO SECTIONS. \$1.50; 2' \$2.50 29-78

RELAY TIME DELAY SPST, 110 SEC, N.O 15V 6 A. OCTAL SOCKET 3 FOR \$1 45-77

PUSH SWITCHES; SPST, NORM/OPEN 5/\$1. 14

MIXED HARDWARE, SCREWS, NUTS WASHERS ETC. REMOVED FROM EQUIP. 3 LBS. \$1.00 30

RELAY ASST: AC, DC, 6, 12, 24, 48 VOLT, OPEN, SEALED, PLATE RELAYS ETC. 5/\$1.00 46

PUSH SWITCHES; SPST, NORM/CLOSED 5/\$1. 15

MAGNETIC ID HOLDER, 3 1/2x1 1/2; metal, clear slide cover, \$1. 2/\$1.75 31-79

METAL STAND, BASE 8x11 LEGS EXTEND OUT & DOWN FROM BASE 16x13x2 1/2 H. 5 LB 2/\$1.00 47

SLIDE SWITCHES; 2PST & 1PDT 5/\$1. 16

APPLIANCE SWITCH SP2P, SPST W/OFL. 20AMP MAX TOTAL CURRENT, 120/230V 60HZ \$1.00 32

GP-2 STEEL STAKE-16 1/2" Lx 1/2" d. 1-1/8" head, 1-3/8" pt., 2 lbs. 85¢ 4/\$3 48-79

BC & ARC COMMAND SETS

THOUGH IT HAS BEEN ON THE SURPLUS MARKET FOR MANY YEARS, THE COMMAND SET SERIES OF RECEIVERS AND TRANSMITTERS IS STILL POPULAR AMONG HAMS AND EXPERIMENTERS.

THE SERIES CONSISTS OF UNITS OF EITHER SCR-274-N (BC-PREFIX) OR OF AN/ARC-5 RECEIVERS (R-PREFIX) AND TRANSMITTERS (T-PREFIX).

AS A GROUP, THE RECEIVERS COVER 190 KHZ TO 9.1 MHZ AND THE TRANSMITTERS 2.1 TO 9.1 MHZ.

IF YOU ARE NOT FAMILIAR WITH THE COMMAND SETS AND THEIR NUMEROUS CONVERSION POSSIBILITIES, WE SUGGEST YOU PURCHASE THE **CO SURPLUS CONVERSION HANDBOOK INCLUDING COMMAND SETS** AVAILABLE FROM US FOR \$4.50.



THE RECEIVERS ARE SUPER-HETERODYNE TYPES WITH SIX TUBES INCLUDING: 3/12SK7, 12SR7, 12A6, AND 12K8. THEY ARE DESIGNED TO OPERATE FROM THE DM-32, A 24 VDC DYNAMOTOR WITH AN OUTPUT OF 250 VDC 60 MA AND 24 VOLTS. THEY ARE TUNED FROM A REMOTE POSITION BY THE USE OF A CONTROL BOX WITH A FLEXIBLE SHAFT. SIZE: 5x5x11; SHPG. WT: 15 LBS.

BC-453/R-23 190 TO 550 KHZ USED \$18.95

R-25/ARC-5 1.5 TO 3.0 " UN-USED 24.95

R-28/ARC-5 100 TO 156 MC CRYSTAL CONTROL ON FOUR PRE-SET CHANNELS WITH 24 VDC MOTOR, NOT CONTINUOUS TUNING. USES SAME VOLTAGE BUT DIFFERENT TUBES. SEE CONVERSION MANUAL FOR DETAILS TO MAKE CONTINUOUS TUNING. USED \$18.95

THE TRANSMITTERS WITH PROPER USE CAN PUT OUT 50 WATTS CW AND 30 WATTS ON PHONE. MODULATION IS OBTAINED FROM SEPARATE UNITS, BC-456 FOR SINGLE TUBE MOD. AND MD-7 FOR PUSH-PULL MOD. THE DM-33 DYNAMOTOR IS USED TO SUPPLY THE VOLTAGES AND IS MOUNTED ON THE MODULATOR. VOLTAGES REQUIRED 575-600 VDC @ 175-200 MA. AND 24 VOLTS. WITH TUBES 2/1625, 1/1626 & 1/1629 MAGIC EYE TUBE FOR TUNING AND CRYSTAL FOR CALIBRATION. SIZE: 5x7x12; 12 lbs.



BC-457 TRANSMITTER 4.0 TO 5.3 MHZ WRITE
BC-458 " 5.3 TO 7.0 " \$14.95

CV-431 FREQ. CONVERTER-TRANSMITTER FOR 228-258 MHZ. RECEIVER CONVERTS SIGNALS FROM 228-258 MHZ TO 118-148 MHZ WHICH HAS TO BE FEED INTO A SEPARATE REC. IN THE 118-148 MHZ RANGE. TRANS. IS 8 CH. CRYST. CONTROL. VOLTAGE REQ. 24VDC & 250VDC 60 MA. WITH TUBES 4/5763, 1/6201 & 1/6939. SIZE: 5x4x11; WT: 7LB. USED \$12.95

BC-456 MODULATOR FOR USE WITH COMMAND TRANSMITTERS, SINGLE TUBE MODULATION WITH TUBES 1/1625, 1/12J5GT AND 1/VR150. HAS PROVISIONS FOR MOUNTING DM-33 DYNAMOTOR. SIZE: 7x8x10; WT: 11LBS USED \$9.95

MD-7/ARC-5 MODULATOR SAME AS BC-456 ONLY USES 2/1625 TUBES IN PUSH-PULL FOR 40 TO 60 WATTS. USED L/COVER \$9.95

COMMAND RECEIVER AC POWER SUPPLY SEE PAGE 20

SPIN TUNING KNOB FOR RECEIVERS, \$2.50
DM-32 DYNAMOTOR, 24 VDC F/RECEIVERS, 4.95
35X032 DYNAMOTOR, 12 VDC F/RECEIVERS, 4.95

MC-215 FLEXIBLE SHAFT FOR COMMAND EQUIPMENT, 6 FT. \$1.50; 25' EACH ADDITIONAL FOOT.

COMMAND SET RECEIVER & XMITTER RACKS, UN-USED.
FT-233/MT-7A, FOR ONE RECEIVER, \$2.50
FT-277/MT-63, FOR TWO RECEIVERS, \$3.00
FT-234/MT-69, FOR ONE TRANSMITTER, \$2.75
FT-226/MT-71, FOR TWO TRANSMITTERS, \$3.25
FT-227/MT-70 SHOCKMOUNT FOR FT-226, \$2.50

BC-442/RE-2 ANTENNA RELAY UNIT FOR COMMAND SETS; DESIGNED TO SWITCH ANTENNA FROM TRANSMITTER TO RECEIVER. WITH 2" RO. 0-10 ANTENNA CURRENT METER AND 5 KV 50 MMF VACUUM CAPACITOR. SIZE: 4x3x5; SH WT: 6 LBS. USED, \$8.95

ARC-39 RECEIVER-XMITTER



RT-427/ARC-39 RECEIVER-TRANSMITTER, REPLACES COMMAND SETS; COVERS 2.0 TO 9.1 MHZ IN TWO BANDS; SIX CRYSTAL-CONTROLLED FREQUENCIES PER BAND. RF OUTPUT: 10 WATTS MIN. INTO 10 OHM LOAD (100 PF). 100% AMPLITUDE MODULATION; AUDIO OUTPUT: 200 MW WITH 1000 V 30% MODULATED INPUT; 800 MW MAX. BANDWIDTH: 8 KHZ @ 6 DB DOWN. METER INDICATES RELATIVE RF OUTPUT TO THE ANTENNA. WITH TUBES OB2, 2/12A7, 4/5749, 5750, 3/5686, 4/5814, & 3/6159. POWER REQUIRED: 28 VDC 4.4 AMPS WHEN RECEIVING; 8.5 AMPS TRANSMITTING. SIZE: 7x10x2 1/2; SHPG. WT: 42 LBS. PRICE: USED, COMPLETE, \$49.50

MANUAL FOR RT-427/ARC-39, REPRODUCTION, \$10.

R-19/ARC AIRCRAFT RECEIVER, 118 TO 148 MHZ CONTINUOUSLY TUNABLE. NO DIAL; DESIGNED FOR REMOTE TUNING WITH SPLINE SHAFT. 1.F.=15 MHZ; WITH TUBES 9002, 3/9003, 14A7, 2/14R7, 14F7, AND 12A6. USES ACCESSORIES SIMILAR TO ARC-5 SERIES. POWER REQUIRED: 250 VDC 60 MA AND 24 VDC. SIZE: 6x5x11 1/2; WT: 13 LBS. USED, \$18.95



BROADCAST RECEIVER



R-22 RECEIVER 550 TO 1500 KC AM, ONE BAND CONTINUOUS TUNING, NO DIAL (SEE BELOW FOR CONTROL BOX) WITH TUBES 2/14A7, 1/14S7, 1/14R7, 1/14F7 AND 1/12A6. VOLTAGES REQUIRED 250-290 VDC @ 50-90MA. AND 24 VOLTS. SIZE: 6x5x11 1/2; WT: 10 LBS. PRICE: USED, WRITE

BC-473 CONTROL BOX DESIGNED FOR USE WITH COMMAND SET RECEIVERS WITHOUT DIALS. ADAPTER INCLUDED. SHPG. WT: 4 LBS. UN-USED, \$7.95

SCR-522 RECEIVER-TRANSMITTER AM CRYSTAL CONTROL, 30 WATT, 4 CHANNEL ON ANY FREQ. IN THE 100-156 MC RANGE. TUBES TRANS. 2/832, 6SS7, 3/12A6, 666 REC. 1/9002, 9003, 1/2C6, 1/2H6, 3/12SG7, 1/2A6 & 2/12A7. UNITS CAN BE REMOVED FROM CABINET CASE SEPARATELY. REQUIRES POWER SUPPLY. SIZE: 16x12x10 1/2; WT: 50 LBS. RE-COND \$34.95 CONNECTOR PLUGS, \$1.50 EA. OTHER ITEMS AVAILAB.



R-77/ARC-3 VHF RECEIVER A.M. 100-156 MC, CRYSTAL CONTROL ON 8 PRE-SET CHAN. WITH TUBES 6/6A5, 3/12SG7, 2/12SN7, 1 EA. 9001, 9002, 1/2A6, 1/2H6, 1/2SL7 & 1/2SH7. VOLTAGE REQ. 24 VDC & 210 VDC @ 210 MA. SIZE: 11x7x15; WT: 21 LBS. USED \$50

R-5009/ARC-502 SIMILAR TO ARC-3 EXCEPT MADE FOR CANADA. (WE WILL SHIP WHAT IS AVAILABLE)

T-67/ARC-3 TRANSMITTER A.M. 100-156 MC, 8 CHAN. PRESET, CRYSTAL CONTROL. WITH TUBES 2/832, 2/6L6 3/6V6, 1/6J5 & 1/12SH7. VOLTAGE REQ. 24 VDC & 410 VDC @ 325 MA. SIZE: 15x10x12 1/2; WT: 22 LBS. USED \$24.95 CONNECTOR PLUGS \$1.50 OTHER ITEMS AVAILABLE.



T-366A/ARC TRANSMITTER 116 TO 132 MC, 5 CHANNELS CRYSTAL CONTROL WITH 5/5763 TUBES FOR 24- TO 28 VOLTS D.C. OPERATION. USES ARC-14958 CRYSTALS. APPROX. 5 WATTS OUTPUT, USED IN AIRCRAFT. SIZE: 4x4x6; WT: 6 LBS. PRICE: RE-COND. \$16.95



SPEAKERS

DYNAMIC SPEAKER FROM R-48/TRC-8 3 1/2" CONE, PM; ONE WATT NORMAL, TWO WATTS PEAK. OVERALL: 4x4x2 1/2; WT: 2LBS. \$4.95



LS-101 DYNAMIC SPEAKER FROM PP-308/GRR-5; 4" DIA., 8 OHMS, 100-160 MW. 5 LBS. USED, \$4.95

LS-166 PM SPEAKER IN AN ALUMINUM CASE; 4" DIA., 8 OHMS, LESS CABLE. 7 LBS. USED, \$7.95



R-101/ARN-6 RADIO COMPASS RECEIVER, 100-1750 KC IN FOUR BANDS. WITH TUBES 6/12SK7, 4/12SX7, 2/26A7, 2/2050, 1/12SY7 & 1/12SX7. POWER REQUIRED 24-28 VDC. SIZE: 11x7 1/2x15 1/2; 40 LBS PRICE: USED \$39.50

AS-313/ARN-6 LOOP ANTENNA USED \$7.95
10-91/ARN-6 INDICATOR 3" NEW 8.95
PD-5/ARA-19 TUNING DRIVE USED 9.95
AM-203B/ARA-19 AMPLIFIER NEW 8.95
C-149/ARN-6 CONTROL PANEL, USED, \$9.95
MC-124 FLEX. TUNING SHAFT 20 IN. USED 1.50
MC-203 "T" ADAPTER USED 1.50
MC-136 RIGHT ANGLE ADAPTER USED 2.00



CU-308B/U ANTENNA COUPLER; USES CATHODE FOLLOWER TO COUPLE SINGLE ANTENNA WITH THREE RECEIVERS IN THE 2 TO 24 MHZ RANGE. INCLUDES THREE 24 VDC 500 OHM SPST RELAYS, 4/5906 TUBES, AND FOUR BNC CHASSIS CONNECTORS. POWER REQUIRED: 24 VDC 180 MA. 5x5x3 1/2; WT: 4 LBS. UN-USED, \$9.95

R-518 RECEIVER



R-518/FRR-27 RECEIVER, SINGLE-CHANNEL CRYSTAL-CONTROLLED RECEPTION OF AM OR TONE SIGNALS IN THE 100 TO 156 MHZ. RANGE. DOUBLE CONVERSION DESIGN WITH 1F'S OF 23 MHZ AND 3 MHZ. AUDIO OUTPUT: 1.5 WATTS INTO 200-600 OHMS, 15 MW PHONE. ANTENNA INPUT: 50 OHMS UNBALANCED. WITH SQUELCH AND TUBES 3/12A7, 2/6AV6, 5654 2/6AV6, & 6005. POWER REQUIRED: 115 VAC 50-60 HZ. SIZE: 19x6x18 1/2; 45 LBS. USED, \$45.00

VHF RECEIVER-TRANSMITTER

VHF TRANSMITTING AND RECEIVING EQUIPMENT AM 100 TO 156 MC. CRYSTAL CONTROL ON 4 PRESELECTED CHANNELS IN THE RANGE SPECIFIED. R-28/ARC-5 RECEIVER (SHOWN ON THE LEFT) CRYSTALS ARE INSERTED IN THE FRONT OF THE SET BEHIND THE ACCESS DOOR, FREQ. DIAL AND SQUELCH ADJ. ARE ALSO ON THE FRONT. SELECTION OF CHANNEL IS DONE REMOTELY WITH THE USE OF THE C-30/ARC-5 CONTROL UNIT WHICH IS AVAILABLE SEPARATELY. WITH TUBES 4/717, 3/12SH7, 2/12SL7 & 1/2A6 VOLTAGES REQUIRED 24/28 VDC FOR RELAYS AND SELECTOR MOTOR ETC. 250 VDC & 60 MA. HIGH V. DM-32 DYNAMOTOR CAN BE USED ON THE REAR OF THE SET FOR THE HIGH VOLTAGE. (FOR VARIABLE TUNING, SEE **CO SURPLUS CONVERSION HANDBOOK INCLUDING COMMAND SETS** \$4.50) SIZE: 14x7 1/2x4 1/2; WT: 16 LBS. USED \$18.95



T-23/ARC-5 TRANSMITTER (SHOWN TO THE RIGHT) THE OUTPUT OF THIS UNIT AS DESIGNED IS APPROX 10 WATTS HIGHER OUTPUT CAN BE OBTAINED AS IT HAS (2) TWO 832 TUBES AND TWO 1625'S. THE AUDIO POWER FOR MODULATING IS FURNISHED BY THE MD-7/ARC-5 MODULATOR WHICH IS AVAILABLE SEPARATELY. FREQ. CHANNEL SELECTION IS MADE BY USE OF THE C-30 CONTROL UNIT WHICH IS AVAILABLE SEPARATELY. VOLTAGES REQ. 24/28 VDC FOR RELAYS & SELECTOR MOTOR ETC. APPROX 600 VDC @ 175 MA F/HIGH V. SIZE: 15x8 1/2x5 1/2; WT: 15 LBS. RE-NEW \$24.95
MD-7 MODULATOR; PUSH-PULL MODULATOR DESCRIBED ON PAGE 4 OF OUR REGULAR CATALOG RE-NEW \$12.00

RECEIVER



R-11A RECEIVER 190-550 KC ONE BAND, 85 KC IF FREQ. WITH TUBES 2/14A7, 1/14S7, 1/14R7, 1/14F7 & 1/12A6 (14 SERIES TUBES ARE LOCAL FILAMENTS ARE WIRED FOR 12-14 OR 24-28 VOLTS, HIGH VOLTAGE REQ. 250 VDC 60MA. NO DIAL, DESIGNED FOR REMOTE USE BUT ITEMS LISTED BELOW CAN BE ADAPTED FOR LOCAL TUNING. SIZE: 6x5x11 1/2; WT: 10 LBS. USED \$12.95

TUNING CONTROL BOX & ADAPTER AS DESCRIBED IN LEFT COLUMN, 2ND ITEM \$7.95

EQUIPMENT BLOWERS

FASCO DUAL BLOWER 50 C.F.M. 115 VOLT 60 CYCLE .74 AMP. 2800 R.P.M. OUTLETS 2x1-5/8, 1 OUTLET IS PARALLEL TO MTG. BASE OTHER IS AT APPROX. 90° BUT CAN BE MODIFIED AS SHOWN IN ILLUSTRATION, INLETS 2". OVERALL SIZE 7x6x5 1/2; 10 LB FASCO TYPE 21 XEROX #127S217 NEW \$10.00

14 VOLT D.C. BLOWER, 1.25 AMPS. APPROX. 125 CFM; 3000 RPM. OUTLET: 2x2x2. INLET: 2-5/8" DIA. 8x3" MOUNTING FLANGE. OVERALL: 5x8x6 SHPG. WT: 7 LBS. USED, \$10.95

HEINZEL DUAL BLOWER 120 C.F.M. 115 VOLT 60 CYCLE, 3000 R.P.M. .6 AMPS. INLETS 2" OUTLET 2", OVERALL SIZE 8x6x6; WT: 12 LBS. HEINZEL #D60362J52 USED \$8.95

EASTERN AIR DEVICES BLOWER 100 CFM CAPACITOR TYPE MOTOR 120 VOLTS 60 CYCLE, 3300 R.P.M. INTAKE 3" OUTLET 2x2, OVERALL SIZE 6x6x6 w/MTG. EAD #E7ABLC-2DR USED \$12.95

TORRINGTON BLOWER, 200 CFM 220 VOLT 3000 RPM. (110 V. 1500 RPM 100 CFM) INTAKE 4", OUTLET 2x3, OUTLET MTG. 4" DIA. OVERALL SIZE 7x7x7 1/2. 10 LBS TORRINGTON #A13980 NEW BOXED \$18.95

ORDANANCE BLOWER 6 VOLTS D.C. APPROX 150 C.F.M., TURBINE TYPE IMPELLER, INTAKE 3", OUTLET 1" DIA., OVERALL SIZE 6x6x4; WT: 7 LBS. ORD. #G486392 NEW \$7.95

EASTERN AIR TWO SPEED BLOWER 2800/3200 R.P.M. CAPACITOR START MOTOR 1/40 H.P. .38 A. 115/230 VOLT 50/60 CYC. MOUNTED ON BASE W/ 4MFD. CAP. TERM. STRIPS ETC. BLOWER APPROX 150 CFM. INTAKE 3" OUTLET 1x2; WT: 12 LBS. SIZE: OVERALL 8x11x6. EAD #B74M1-C USED \$12.95

AIR MARINE BLOWER, 250 CFM APPROX. INLET: 5 1/2" DIA; WHEEL WIDTH: 2 1/2". OUTLET: 3 1/2" W X 1 1/2" H. WITH CAPACITOR. 115 VAC 60 HZ. OVERALL: 7 1/2 X 8 X 7 1/2; 12 LBS. REM. F/EQUIP., \$20.95

FAN TYPE BLOWER, 115 VOLT 60 CYCLE, 20 WATT, 4" PLASTIC FAN BLADES, OPEN FRAME NOISELESS MOTOR, MOUNTED IN CADMIUM CASEMENT TYPE FRAME APPROX. 100 CFM. USED SIZE: 13x5x2; 5 LBS. HOWARD #1075-3102 \$3.95

COOLING FAN . AXIAL FAN 115 115 V 60 HZ. . VOLT 60 HZ. 15 4 1/2 x 2 1/2 . WATT, 4 1/2" SQ. NYLON BLADE . DURABLE PLAST. REMOVED/EQ. . REMOVED/EQUIP. URC3391 \$3 . #M-747 \$6.95

HEATSINKS

9x4x1 1/8" ALUMINUM. DRILLED FOR 3/TC-3. #3T941 UNUSED \$2.75
12x4x1 1/8" ALUMINUM. DRILLED FOR 4/TO-3. #4T1241 UNUSED \$3.35

BLACK TAB MTG HEATSINK WITH 2/2N3055 OR EQUAL W/HDRW INSULATOR, RESISTORS 4x1 1/8x2 1/4 (4 7/8) TOTAL #HSW/2T, \$2 EA.; 4 FOR \$5.

#HSW/1T, SIMILAR TO ABOVE BUT WITH ONE TRANS. SIZE: 3-7/8x2-7/8x1-1/8. \$.85 EA. 4 FOR \$3.
#THS, SIMILAR TO ABOVE; NO TRANS., 2 FOR \$1.
#DHS, SAME AS ABOVE, ANODIZED DRILLED FOR DO-4 DIODES. 3-7/8x2x1-1/8, 2 FOR \$1.00
DELTA T 100 WATT (78°C) HEATSINK, BLACK, UN-USED, UNDRILLED; 5x4x2 1/2. #NC-423, \$3.25 EA
DUAL TO-36 HEATSINK, 3x3x1-3/8; FLANGE MOUNTING. #HST036, \$.75 EA. 3 FOR \$2.00

WAKEFIELD HEAVY DUTY HEAT SINK HAS 8 INDIVIDUALLY INSULATED SINKS, 4 EA. (1x3) AND 4 EA. (2x3). TAPPED TO MOUNT TRANSISTOR STUDS. PROVISIONS FOR MOUNTING MUFFIN FAN FOR COOLING. ANODIZED ALUMINUM. SIZE: 5x4x4 1/2; WT: 4 LBS. #CA-800 PRICE: \$3.95; THREE IN CRATE, \$10.00 UNUSED.

TAPE RECORDER MOTORS

DUAL SPEED OPEN FRAME MOTOR, USED WITH RECORDING UNITS. 115 VAC 60 HZ; 2000 AND 3000 RPM. 3/16" DIA. SHAFT EXTENDS BOTH SIDES WITH PULLEYS FOR BELTS ONE SIDE. MOTOR SIZE (LESS SHAFT): 2 1/2x2 1/2x2, SHPG. WT: 4 LBS. #M-381, UNUSED, \$3.95

HEAVY DUTY TAPE RECORDER MOTOR 115 VAC 60 HZ; 1500 RPM. MOTOR SIZE: 3 1/2x3 1/2x2 1/2, SHAFT 1 1/2x5/16" DIA. WT: 5 LBS. STK. #D6-20220 UNUSED, \$5.95

RECORDER MOTOR, 1500 RPM; 115 VAC 60 HZ, DOUBLE END SHAFT, 3/8x3/16" DIA. & 1x3/16" W/PULLEY. MOTOR SIZE: 2 1/2x2 1/2x2 1/2 WT: 2 LBS. STK. #G140700 UNUSED, \$4.95

RECORDER MOTOR, 1500 RPM; 2" SHAFT IS 3/16" DIA. FOR 1 1/2"; 3/64" DIA. LAST 1/2". 3/8x3/16" DIA. SHAFT ON OTHER SIDE. MOTOR SIZE: 2 1/2x2 1/2x2 WT: 2 LBS. #602-1 UNUSED, \$4.75

POWER SUPPLIES

SOLA CONSTANT VOLTAGE DC POWER SUPPLIES; 19"x6", SHPG. WT: 40 LBS. \$19.95 EACH

SOLA #	INPUT	OUTPUT
28238	180/240 200/260	200 VDC 1.5 A.
28239	" "	120 VDC 1.1 A.
		20 VDC 2 A.

28323 115/208/230 120VDC 2 AMP
28266 115v 60 HZ. OUTPUT 20VDC @ 4 A. \$30

SOLA CONSTANT VOLTAGE TRANSFORMER ONLY.
PRI: 90-130V 60HZ. SEC: 6.5V 25 A. #237 \$15
" 190-260V " SEC: 118V 4.2A. #150 \$15

PP-523/GRC POWER SUPPLY, SELECTABLE OUTPUT IN SIX STEPS FROM 34 VDC @ 3 AMPS TO 50 VDC @ 4 1/2 AMPS. INPUT: 115 VAC 60 HZ. WITH TWO 2 1/2" RD. METERS 0-100 VDC AND 0-5 AMPS DC SIZE: 9x11x16, 50 LBS. USED, \$32.95

CCC-20409 POWER SUPPLY; INPUT: 115 VAC 60 HZ. OUTPUT: 12 VDC @ 300 MA. (OUTPUT FROM TRANSFORMER: 14 VDC @ 1.5 AMPS.) IN ALUMINUM CASE. SIZE: 8x11x9, WT: 20 LBS. UNUSED, \$19.95

TELETYPE POWER SUPPLY FOR #19 SET. INPUT 105-125 V. 50/60 HZ, OUTPUT 120 VDC 0.6 AMP. W/8 SEC. TAPS. SELENIUM DISC. RECTIFIERS. SIZE: 20 1/2x8x9; 75 LBS. #4TREC-13 USED \$14.95

TRANSISTORIZED

TRANSISTORIZED-REGULATED P.S. INPUT: 105-125 VAC 50/60 HZ. MOUNTED ON CIRCUIT BOARD, 4 1/2x5, WT: 3 LBS. UNUSED, #CD5N1.5 5 VDC 1.5 A. \$15. #CD12N.85 12 VDC .85 A. \$18.

THUNDER POWER SUPPLY, OUTPUT: 3.7 VDC 750 MA. VOLT. REG. INPUT 115 V. 60 HZ. HOUSED IN CASE 3x5x3; WT: 5 LBS. #S3.7-750 UNUSED, \$12.00

TEN THOUSAND VOLT DC - DC POWER SUPPLIES. P/O SANDERS VIDEO DISPLAY. NO SPECIFIC DATA OR SCHEMATIC AVAIL MODEL 13904 USES 2/2N3055 TRANSISTORS OR EQUAL. MODEL 11665 USES ONE TO-3 TRANSISTOR. EACH P.S. HAS ADDITIONAL CONTROL CIRCUITRY. SH WT 5LB APPROX SIZE 10x5x6 USED #13904 \$12.95 #11665 \$10.95 GOOD EXPERIMENTER ITEM

FASCO BLOWER, 200 CFM, 115 VAC 60 HZ. 2.2 amp @ 3200 RPM. 4 1/2" dia. inlet; outlet 3x3 1/2. Flange mounting 4 1/2x4 1/2. O/A 8x8x8; 12 lbs. sh. #60755-J448, used, \$10 ADAPTER for 2 1/2" dia. inlets, \$3.00

DUAL BLOWERS

DUAL HIGH VOLUME BLOWER 210 VOLT 60 HZ 3450 RPM 1/8 HP MOTOR, 450 CFM (ESTIMATED), INLET 3 1/2" OUTLET 4" DIA. MOUNTED ON FRAME 29x6 1/2 IN. (FRAME CAN BE REMOVED) WT: 40 LBS. URC#683-KP USED \$12.95

ROTRON HEAVY DUTY DUAL BLOWER, 220 VOLT 2 A. 3 PHASE, 3100 RPM, 50/60 HZ. MOTOR SHAFT 1/2" DIA. 2-1/2" LG. BLOWER INLET 4" OUTLET WITH FLANGE 5x5 1/2. MOUNTING BASE 6x9 1/2. WT: 40 LBS. URC#4345 USED \$24.95

A.C. LINE REGULATOR

WANLESS VARAX AC LINE REGULATOR; INPUT: 102-125 VAC 60 HZ. OUTPUT: 120 VAC WITH LO-HI SWITCH FOR 400 OR 1500 WATT LOAD CHANGE. DC OUTPUT: 24 VDC @ 1.8 A. UNIT IS CAPABLE OF NO LOAD TO FULL LOAD REGULATION WITH B1-1500 INDUCTOR SIZE: 11x5x11, 43 LBS. MODEL C223, USED \$39.50

CENTRIMAX BLOWER

ROTRON CENTRIMAX HEAVY-DUTY BLOWER, 225 CFM @ 15 MM H2O STATIC PRESSURE. FIBREGLASS CONSTRUCTION. OVAL OUTTAKE 3 1/2x4 1/2 WITH 4x4 MOUNTING FLANGE. 115 VAC 50/60 HZ. SIZE: 7x9x10 1/2, WT: 20 LBS. #CHX29A2G, UNUSED, \$29.95

POWER SUPPLY HEATSINK BANK, CONSISTS OF FIVE 3 1/2x4 1/2 HEATSINKS. THREE EACH HAVE TRANSISTOR EQUAL TO 2N3055; ONE HAS TRANSISTOR AND SCR; AND ONE HAS TWO 200 V. 15 AMP (APPROX.) DIODES. ORIGINALLY ASSEMBLED AS PICTURED; SHIPPED DISASSEMBLED ONLY--NO BRACKETS \$6.50

RECTIFIER CAPACITOR ASSY WITH TWO 950 MFD 75 VDC (90V SURGE) COMPUTER GRADE CAPACITORS, TWO 50 MFD 75 VDC CAPS, AND FIVE 200 V 2 AMP DIODES. MOUNT BRACKETS INCLD. USE AS BASE FOR SMALL POWER SUPPLY. REMOVED FROM EQUIP--EXCELLENT, \$2.95

ADJUSTABLE ALUMINUM SHOCK-MOUNT WITH FOUR 1 1/2-3 LBS. SHOCKMOUNTS. PERFECT FOR SMALL POWER SUPPLY, AMPLIFIER OR OTHER GEAR. FITS 5-1/8" W X 6 1/2" TO 7 1/2" DEEP UNIT; 2" HIGH. SH WT: 3 LBS. #MT-569A/ARA, UNUSED, \$2.50

HORN

SIMPLEX HORN, 6 VAC 2.5 AMP 60 HZ. MAKES LOUD PENETRATING NOISE; SCREWDRIIVER VOLUME ADJUST. HEAVY STEEL CONSTRUCTION. DESIGNED FOR PARTIAL RECESS MOUNT. FRONT ENCLOSURE 4x4x1 1/2; DEPTH REQUIRED BEHIND: 1 1/2. #624-427, \$5.95

NOISEGUARD

NOISEGUARD HEARING PROTECTORS USED TO REDUCE NOISE LEVEL IN HIGH NOISE LEVEL AREAS. LIGHTWEIGHT ASSY WITH ADJUSTABLE HEADBAND. W/INSTRUCTIONS. #FM-2011 NEW 1 LB. \$4.95

AM-FM TUNER

AM-FM TRANSISTORIZED TUNER, 5 TRANSISTOR 4-DIODES WITH AVC AND AFC. CONSISTS OF RF OSCILLATOR, IF DETECTOR STAGES. REQUIRES 9 VDC. NOT GUARANTEED OPERABLE. UNUSED WITH SCHEMATIC AND HOOKUP DIAGRAM. 4 1/2x3 1/2x1 1/2 BC-CD-34 TUNER \$2 EA.; 3 FOR \$5.

U.H.F. RECEIVER

R-48/TRC-8 RECEIVER
F.M. 230 TO 250 MC.
ONE BAND VARIABLE
TUNING, VOLTAGE RE-
QUIRED 115/230 60 CYC.
WITH SPEAKER, PHONE
JACK, SQUELCH CIRCUIT
2 1/2" METER FOR CIRCUIT

CHECKING. WITH TUBES 8/6AG7, 1/9002, 1/5U4, 1/6V6, 1/VR-150, 1/6N7, 1/6SN7, 1/6AL7. SIZE: 20x19x16; WT: 75 LBS. USED \$34.95

VHF RECEIVER



BC-639 RECEIVER, 100 TO 156 MHZ AM, CONTINUOUSLY TUNABLE OVER A SINGLE BAND. CONTROLS FOR CW, TONE, AVC-MANUAL, RF AND AUDIO GAIN, ATTENUATION, AND SENSITIVITY. WITH TUNING METER.

6SQ7, AND 6K6. POWER REQUIRED: 210 VDC 60 MA AND 6.3 VAC 3.5 AMPS. SIZE: 10 1/2x19x10; SHPG. WT: 48 LBS. USED, REPARABLE, \$30. CHKD, \$50. RA-42 POWER SUPPLY, PROVIDES VOLTAGES FOR BC-639 FROM 115/230 VAC 50-60 HZ. SIZE: 7x19x8; SHPG. WT: 32 LBS. USED, \$34.95 CONNECTOR FOR RECEIVER OR POWER SUPPLY, \$3. MANUAL, PARTIAL REPRODUCTION, \$8.50

LF RECEIVER



BC-1003 LOW FREQUENCY RECEIVER & DIRECTION FINDER, covers 100 TO 1000 KHz in three bands: 100-200, 200-450, and 450-1000 KHz AM and CW. Designed for use as direction finder with LF-33 (not available) loop antenna as pictured. Usable as LF receiver without the loop.

Has dual needle direction indicator which functions as a tuning meter when loop is not used. Kilocycle tuning dial has coarse and fine adjust. Volume balance, BFO, AVC-MVC controls. Antenna trimmers on front for freq. bands. With tubes 6/12SG7, 2/12SA7 2/12C8, 12A6, and 12SJ7. Power required: 230 VDC 100 ma and 12 VDC 3 amps. Size: 8x12x14 1/2 (receiver only). Sh. wt: 48 lbs. BC-1003, no loop, unused, \$75.00 MANUAL for BC-1003, partial repro., \$8.50 PE-133 12 VDC DYNAMOTOR for BC-1003, \$10.00 AC POWER SUPPLY, our construction, \$23.00

MN-26K RADIO COMPASS



BENDIX MN-26K RADIO COMPASS, USED WITH AIR NAVIGATION EQUIPMENT AS DIRECTION FINDER OR GENERAL RECEIVER. COVERS 200 TO 1750 KHZ IN BANDS (200-410), (410-850), & (850-1750 KHz). TUNE DIRECT OR REMOTELY WITH SPLINE SHAFT AND CONTROL BOX. REQUIRES 230 V. 100 MA AND 28 VDC. W/TUBES 6F6, 6B8, 2/6J5, 2/6N7 AND 5/6K7. CONVERSION INFO INCLD. 17x11 1/2x12; 45 LBS. USED, LESS DYNAMOTOR, \$16.95

MN-28LB CONTROL BOX F/MN-26LB REC. SOME DIAL NUMBER CHANGE REQ. FOR USE WITH MN-26K \$3.95
MC-124 FLEXIBLE SHAFT F/MN-26 20" 1.50
MC-127 SPIN TUNING KNOB FOR REC. 1.50
MC-203 "T" ADAPTER FOR SHAFT & KNOB USE 1.50
MN-26 MANUAL FOR MODELS A,C,M,W,Y,X (BASICLY SAME AS "K" & OTHERS. 5.00

14-600 KHZ RECEIVER

R-501/FRR-21 VLF RECEIVER, 14 TO 600 KHZ AM, CW, AND FSK IN FIVE BANDS. DUAL CONVERSION; 200 KHZ FINAL IF. CRYSTAL CALIBRATOR EVERY 10 KHZ. INPUT IMPEDANCE:

70 OHMS. METERS FOR TUNING AND OUTPUT. UNIT HAS MODULAR DESIGN; CHASSIS SLIDES OUT OF CABINET AND TILTS 90° FOR EASIER SERVICING. WITH TUBES 4/5636, 5644, 6/5647, 4/5718, 2/5719, 2/5840, 5/5899, 5902, AND 2/6X4. POWER REQUIRED: 115 VAC 60 HZ. 17 1/2x8 1/2x16 1/2; 80 LBS. SH. USED, REPARABLE, \$175.00 SCHEMATIC WITH PURCHASE OF SET, \$3.00



KSR TELETYPEWRITER



KSR-33 TELETYPEWRITER AND KEYBOARD, CAN BE ADAPTED FOR VARIOUS RTTY AND COMPUTER APPLICATIONS. SPEED: 66 WORDS PER MINUTE; 600 OPERATIONS PER SECOND. HAS THE FOLLOWING FUNCTIONS:

CARRIAGE RETURN, LINE FEED, SPACE, AND SHIFT. UTILIZES ASC-11 CODE WITH PARITY BIT. TAKES 8 1/2" SPROCKET-FED PAPER. THIS IS A STANDARD ITEM; PARTS ARE AVAILABLE FROM A NUMBER OF SOURCES. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 8 1/2x18 1/2x18 1/2; SHPG. WT: 50 LBS. USED, OPERATIONAL, BUT MAY REQUIRE SOME ADJUSTMENT. LESS COVER, \$250. W/COVER, \$300.

70 TO 100 MHZ RECEIVER

R-19/TRC-1 RECEIVER;
70 TO 100 MHZ FM
IN 300 CHANNELS.
1ST IF VARIABLE
FROM 32.5 TO 47.5
MHZ; 2ND FIXED
5 MHZ. OUTPUT IMPEDANCE: 6 OHMS. WITH TUBES 7/6SH7, 3/6AC7, 2/6H6, 2/6X5, 6SN7, 6SL7, AND 6X5. POWER REQUIRED: 115 VAC 50/60 HZ. SIZE: 8x12 1/2x19 1/2 SHPG. WT: 50 LBS.



PRICE: USED, LESS CRYSTALS, \$29.50



RT-18/ARC-1 TRANSMITTER & RECEIVER AM, 100 TO 156 MC 30 WATT CW AND PHONE, CRYSTAL CONTROL. VOLTAGE REQUIRE 360 VDC @ 135 MA AND 24 VDC WITH TUBES 18/6AK5, 2/6C4, 2/6V6, 2/6J6, 2/12A6, 1/6SL7 AND 2/832. SIZE: 10 1/2x8 1/2x20; WT: 45 LBS. PRICE: 20 CHANNEL \$45

DY-9 DYNAMOTOR 26VDC \$10/DY-10 13/26 USED \$15

RO-28/UNH-6 2 CHANNEL TAPE RECORDER USES 1/2 INCH TAPE 7" REELS FOR 45 MINUTE RECORDING TIME. USES TWO 28VDC MOTORS, ONE AS CAPSTAN DRIVE MOTOR OTHER AS TAKE UP MOTOR. POWER REQUIRED 28 VDC FOR MOTOR AND FILAMENTS, 115V 400HZ SUPPLIES B PLUS FOR TUBES. HAS ONE 1 1/2" VU METER TO SET LEVELS. TUBES 6TF4, 2625, 0A2, 5/5703, 2/6533 SIZE 8x5x19 1/2 LONG SHPG WT: 30 LBS. USED \$24.95

POWER AMPLIFIER



AM-8/TRA-1 POWER AMPLIFIER FOR 70-100 MC F.M. 200 WATT WITH A RF INPUT OF 25 WATT (APPROX.) IMPEDANCE 70 OHM USES 2/4E27 TUBES IN CLASS "C" PUSH-PULL TUNED PLATE CIRCUIT AND 3/003 V.R TUBE THE FILAMENT TRANSFORMER 5 V.CT 15 A. IS SUPPLIED

IN THE UNIT, -100 VDC, 450 VDC @ 40 MA AND 2000 VDC 250 MA ARE ALSO REQUIRED BUT ARE NOT IN THE UNIT. A 115 V. 60 CYCLE BLOWER IS ALSO IN THE EQUIP. VAR. CAP. DUAL 5-50 & 7-35 MMF SIZE: 16x10 1/2x12; WT: 55 LBS. IN CHEST 100 LBS PRICE: USED, WITH 4E27 TUBES, \$50.00

225-400 MHZ RECEIVER

R-482/URR-35 RECEIVER, 225 TO 400 MHZ AM AND MCW IN ONE CONTINUOUSLY TUNABLE BAND. DUAL CONVERSION; 18.6 MHZ 1ST IF, 1.775 MHZ 2ND.



PROVISIONS FOR PANADAPTER WITH 600 KHZ BANDWIDTH. ANTENNA INPUT IMPEDANCE: 50 OHMS. AUDIO OUTPUT: 60 MW INTO 600 OHMS. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 8 1/2x17 1/2x19 1/2; SH WT: 65 LBS. USED, REPARABLE, \$75.00; CHECKED, \$100.00

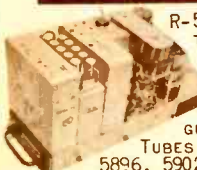
BC-788 TRANSMITTER RECEIVER AIRCRAFT ALTIMETER, PULSE TYPE, TRANS. OUTPUT 50 WATTS, FIXED FREQUENCY 440 MHZ, WITH TUBES 1/6L6 9/6AG5 & 1/5Y3. POWER REQ. 115 V. 400-2400 CYCLE. SIZE: 15 1/2x9x8; WT: 13 LBS. PRICE: USED \$18.95



I-152(*) INDICATOR; USEC WITH BC-788 ALTIMETER FOR INDICATING HEIGHT OVER TERRAIN IN AIRCRAFT WITH 3DPI CATHODE RAY TUBE (SAME SOCKET/SHIELD AS 3BP1 TUBE AND OTHER TYPES) ALSO TUBES 3/6AG5 AND 2X2. HAS R.F. CIRCUIT, POTENTIOMETERS, 115 V. 400 CYCLE POWER

SUPPLY ETC. (WILL MAKE GOOD FOUNDATION FOR A MONITOR) SIZE: 6 1/2x6 1/2x12; WT: 9 LBS. PRICE: USED \$8.95 SCHEMATIC \$1.00

20 CHANNEL RECEIVER



R-550/ARR-40 VHF RECEIVER 265 TO 284.9 MHZ IN 20 CHANNELS. GUARD CHANNEL 243.0 MHZ. ONE MEGAHERTZ CHANNEL SPACING. RECEIVER MODULES AUDIO, 1.85MHZ IF, IF AND GUARD, RF AND INJECTION UNIT. TUBES: 7/6201, 8/5840, 3/6AK5, 2/5896, 5902. POWER REQUIRED: 28VDC, 130V 140MA, 220V 20MA. SIZE 12 1/2x4 1/2x6. SH WT 15 LBS. W/COVER, SCHEMATIC; USED, \$19.95 28 VOLT DYNAMOTOR FOR R-550 WT 5 LBS \$4.95

ARR-58 FM RECEIVER

R-863/ARR-58 RECEIVER, FM 162.25 TO 173.5 MHZ. DESIGNED TO RECEIVE SONOBUOY SIGNALS ON 16 PRESET CHANNELS. IF=30 MHZ. INPUT IMPEDANCE: 52 OHMS. MORE RECENT VERSION OF THE R-316/ARR-26 RECEIVER. CONVERSION INFO FOR R-316 TO 145-175 MHZ PLUS AUDIO, SQUELCH, AND 115 VAC 60 HZ POWER MODIFICATION INFO INCLUDED. WITH TUBES 7/6AK5, 2/6AG5, 2/6AL5, 6J6, AND 5814. POWER REQUIRED: 150 VDC 125 MA AND 6.3 VAC. SIZE: 5x8x17, WT: 20 LBS. USED, \$19.95



J-953/ARR-58 JUNCTION CABINET, INCLUDES TWO R-863 RECEIVERS, TWO AM-1870 AUDIO FREQUENCY AMPS, AND ONE AM-1871 RF AMP. USED, \$45.00

12 - 24 VDC POWER SUPPLY



CPP-2 POWER SUPPLY; OUTPUT: 12 VDC @ 22 AMPS OR 24 VDC @ 11 AMPS. WITH MAINS AND LOAD CONTROL, AND OUTPUT MODE INDICATOR LIGHTS. POWER REQUIRED: 90-130 VAC 60 HZ. SIZE: 11x18 1/2x10 1/2; SHPG. WT: 90 LBS. USED, \$65.00

AN/GRC-10 RADIO SET

R-125 DY-94 T-235 AN/GRC-10 RADIO SET, CONSISTS OF R-125 RECEIVER, T-235 TRANSMITTER, DY-94 AC POWER SUPPLY, C-632 CONTROL UNIT AND THE MT-700

RACK DESCRIBED SEPARATELY BELOW. USES SAME ACCESSORIES AS THE OTHER GRC EQUIPMENT WE ADVERTISE. SHPG. WT: 250 LBS. USED, \$200.00

R-125/GRC-10 RECEIVER, 54 TO 70.9 MHZ FM IN 100 KHZ STEPS; DUAL CONVERSION, 23 TUBES. REQUIRES 200 VDC 100 MA AND 24 VDC 1.3 A. 11 1/2x9x12 1/2; 36 LBS. SH. USED, \$50.00

T-235/GRC-10 TRANSMITTER, 54 TO 70.9 MHZ FM IN 100 KHZ STEPS, TRANSMITS VOICE, CW, PHONE AND FAX; OUTPUT 40 WATTS (HI) OR 10 WATTS (LO). HAS 16 TUBES INCLUDING 4X150D IN THE POWER AMP. REQUIRES 550 VDC 150 MA, 250 VDC 120 MA, 20 VDC 25 MA, AND 24 VDC 1.7 AMPS. 11 1/2x9x12 1/2; 40 LBS. SH WT. 42 LBS. \$89.50

DY-94/GRC-10 AC POWER SUPPLY FURNISHES ALL THE NECESSARY VOLTAGES FOR THE R-125 AND T-235 FROM POWER INPUTS OF 115/230 VAC 50-65 HZ (292 WATTS) OR 24 VDC (326 WATTS). HAS FORCED-AIR BLOWER FOR COOLING. SIZE: 11 1/2x9x12 1/2; SHPG. WT: 75 LBS. USED, \$99.50

C-632/GRC-10 CONTROL SET COORDINATES THE POWER AND ANTENNA CONNECTIONS IN THE GRC-10 SET AND WITH OTHER SYSTEMS. POWER REQUIRED: 115/230 VAC 50-65 HZ OR 24 VDC. SIZE: 17x3 1/2x12 1/2; SHPG. WT: 15 LBS. USED, \$34.95

9-PIN GRC CONNECTOR FOR POWER/CONTROL, \$2.50 OTHER GRC/VRC ACCESSORIES LISTED ON PAGE 18.

TRANSMITTER EXCITER

0-5/FR EXCITER, DESIGNED TO CONVERT DC PULSES FROM TELETYPE OR FACSIMILE TO FREQUENCY-SHIFT (FS) RF SIGNALS; ALSO CHANGES AUDIO SIGNALS INTO FM SIGNALS. FREQUENCY RANGE: 1.5 TO 6 MHZ IN TWO BANDS. CRYSTAL CONTROL USING FOUR CRYSTALS (CR-27 OR -18, NOT AVAILABLE) IN RANGE. INPUT SIGNALS: 30 MA POLAR, 60 MA NEUTRAL OR 20 MA NEUTRAL TTY. -1 TO -10 VDC ACROSS 600 OHMS (FAX); FM DEVIATION: 0-3500 HZ. TTY SHIFT: 800 HZ ADJUSTABLE 0-942 HZ. TTY KEYING SPEEDS GREATER THAN 125 DOT CIRCLES MAY BE USED. OUTPUT IMPEDANCE: 75 OHMS. POWER REQUIRED: 115/230 VAC 60 HZ. SIZE: 10 $\frac{1}{2}$ x19x13 $\frac{1}{2}$; SH WT: 65 LBS. USED, REPARABLE W/CRYSTAL THERMOMETER, \$60. USED, W/O THERM., \$50. MANUAL, REPRO, \$8.50



FSK CONVERTER

CV-116/URR FSK CONVERTER, USABLE WITH RECEIVERS HAVING FINAL IF'S FROM 450 TO 510 KHZ SUCH AS R-220 AND R-390. CONVERTS FREQUENCY-SHIFT SIGNALS INTO DC OUTPUT PULSES THAT KEY THE ENERGIZING CIRCUITS OF TELETYPE; HANDLES TWO RECEIVERS. TRANSLATES FS TO DC PULSES AT 100 DOT CYCLES/SEC. CONVERTER IF CENTER FREQ: 50 KHZ (CHANNEL A), 29.3 KHZ (B). INPUT VOLTAGE: 100 UV MIN. INPUT FS RANGE: 150-1000 HZ; 50 OHM IMPED. CONTROL UNIT REQUIRED BETWEEN CONVERTER AND TELETYPE TO MATCH OUTPUT-INPUT SIGNALS. 115 VAC 60 HZ. 8 $\frac{1}{2}$ x17x18; 80 LBS SH. USED, REPARABLE, \$125. MANUAL FOR CV-116, PARTIAL REPRODUCTION, \$10



C-559/FRC-6 AUDIO CONTROL AMPLIFIER, MONITORS TWO RECEIVERS. INDIVIDUAL LEVEL CONTROLS AND INDICATOR LIGHTS. BUILT-IN SPEAKER. TONE OSCILLATOR USABLE AS CODE OSCILLATOR. INCLUDES 3 $\frac{1}{2}$ " RD. LEVEL METER WITH SCALE -10 TO +6 DB; REFERENCED 0 DB 6 MW 500 OHMS 1.75 V. WITH TUBES 7C7, 7C5, 7F7, AND 5Y3. 115 VAC 60 HZ; 12x8 $\frac{1}{2}$ x13 $\frac{1}{2}$; 33 LBS SH. USED \$25.



JB-70 JUNCTION BOX; USED WITH BC-610 TRANSMITTER. FRONT PANEL HAS SWITCHES AND CONTROLS FOR REMOTE USE OF TRANS. HAS AC OUTLETS BOTTOM & SIDE, 4 HEADSET & 2 KEY JACKS, MIC PLUG, 2 WAFER, 4 TOGGLE, LEVER & START/STOP SWITCHES, CIRCUIT BREAKER, CABLES ETC. SIZE 19x13x5 $\frac{1}{2}$; WT: 40 LBS PRICE: USED \$9.95

SOLID-STATE AUDIO FREQUENCY AMPLIFIER, DESIGNED FOR USE IN AIRCRAFT ON-BOARD COMMUNICATIONS FOR TALKING OR LISTENING. HAS PEAK CLIPPING AND AGC CIRCUIT. RESPONSE: 200-6000 HZ; 150 MW OUTPUT. USES 27 VDC. SIZE: 4-3/8x1 $\frac{1}{2}$ x3; SH WT: 2 LBS. AM-476/AIC-10, OPEN FRAME AS PICTURED, USED, \$4.95; AM-476, SEALED/POTTED, \$2.95



C-113/TRC-1 CONTROL UNIT AND INTERCOM SET FOR USE WITH REC TRANS. OR SEPARATE INTERCOM. OPERATES FROM 115 V. 60 CYCLE HAS MIC. AND HEADSET JACKS, BINDING POSTS TO CONN. WIRE, PL-68 PLUG & CABLE, 5 WIRE CABLE, ETC. IN WOOD CASE WITH STORAGE COMPARTMENT. SIZE: 14x9 $\frac{1}{2}$ x12; WT: 25 LBS. USED \$6.95



RC-298 ARMORED TANK INTERPHONE EXTENSION KIT; CONTAINS HEAVY GAUGE WATERPROOF STEEL BOX WITH HANDSET & COILED CORD, SIGNAL LIGHT, CALL SWITCH, VOLUME CONTROL ETC. REMOTE CALL BOX HAS 2 SW. SIGNAL LITE, CABLE CONN. ETC. CABLE 7 COND. 30 FT. HARDWARE KIT HAS 125 PCS. OF VARIOUS ITEMS, RUBBER TAPE, EXTRA SW, LENS AND LAMP ETC. SHPG. WT. 78 LBS. PRICE: NEW \$14.95

TA-1/PT TELEPHONE



SOUNDPOWERED TELEPHONE SET WITH AUDIBLE AND VISUAL CALL SYSTEM. PALM OPERATED GENERATOR PUTS OUT APPROX. 100 V. THAT SOUNDS BUZZER IN OTHER PHONE AND ACTUATES VISUAL INDICATOR. COILED CORD WITH PUSH TYPE BINDING POSTS FOR INTERCONNECTING WIRES TO BE FASTENED TO. COMES WITH FIBER CARRING CASE. SIZE: 8 $\frac{1}{2}$ x3 $\frac{1}{2}$ x3 $\frac{1}{2}$; WT: ACT 2LB USED \$19.95 EACH



TA-43/PT TELEPHONE SET IS A RUGGED, LIGHTWEIGHT, WATERPROOF FIELD TELEPHONE THAT CAN BE USED OUTDOORS ON A DESK OR WALL MOUNTED. HANDCRANK GENERATOR FOR RINGING BUZZER. REQUIRES 2/1 $\frac{1}{2}$ V BATT. FOR LOCAL USE NONE REQ. W/CB. UNIT COMES IN A CANVAS CASE & SHOULD-ER STRAP WITH ZIPPER. SIZE: 12x7x4; WT: 10 LBS. \$45.00

FREQUENCY SHIFT CONTROL



C-975/FRR-33 RECEIVER CONTROL; PROVIDES AUTOMATIC FREQUENCY CONTROL OF AUDIO FREQUENCIES USED IN FSK SYSTEMS WITH 850 KHZ SHIFT USING TWO RECEIVERS WITH IF'S OF 455 KHZ. DISCRIMINATOR DETECTS FREQUENCY DRIFT AND A CORRECTION VOLTAGE IS FED TO THE BFO. CONTROLS FOR TWO CHANNELS, AFC THRESHOLD, DISCRIMINATOR FREQ., AFC DISCHARGE, AND KC CORRECTION METER. WITH TUBES 2/2D21, 5/6EJ6, 2/6AK5, 2/6C4, 6J4, 9/6BH6, 3A4, 2/26Z5, 6/12AU7, 12AX7, 2/5651, AND 6082. POWER REQUIRED: 115/230 VAC 50-60 HZ. 19x8 $\frac{1}{2}$ x16 $\frac{1}{2}$; 60 LBS. UNUSED, W/SCHEM., \$60.

C-974/FRR-33 SELECTOR CONTROL, ORIGINALLY USED TO CONTROL TUNING AND SWITCHING CIRCUITS IN CU-286 ANTENNA COUPLER (NOT AVAILABLE) AND TUNING AND RF CIRCUITS IN TWO R-391 RECEIVERS (NOT AVAILABLE). EIGHT CHANNEL AND FOUR FUNCTIONAL SELECTIONS DONE WITH TELEPHONE DIAL AND INDICATED ON PANEL LIGHTS. INCOMING 1105 HZ TONE PULSES FROM A 600 OHM BALANCED LINE ARE AMPLIFIED AND RECTIFIED INTO DC PULSES WHICH ACTUATE SWITCHING RELAYS. TONE PULSES CAN BE GENERATED LOCALLY OR REMOTELY. SENSITIVITY -30 DBM. WITH 5Y3, 2/6AU6, 6AK6, 6C4, 12AX7, 5651, AND 6082 TUBES. POWER REQUIRED: 115/230 VAC 50-60 HZ. SIZE: 19x8 $\frac{1}{2}$ x16; SHPG. WT: 60 LBS. PRICE: UNUSED, W/SCHEMATIC, \$39.50



C-973/FRR-33 REMOTE SWITCHING CONTROL, SUPPLIES 1105 HZ TONES FOR THE CONTROL OF THE C-974 FROM A REMOTE LOCATION. OUTPUT LEVEL: +10 TO +10 DBM. WITH TUBES: 5Y3, 3/6AK6, 6AU6, 5651, AND 6082. POWER REQUIRED: 115/230 VAC 50-60 HZ. SIZE: 12 $\frac{1}{2}$ x8 $\frac{1}{2}$ x10; SHPG. WT: 30 LBS. UNUSED, WITH SCHEMATIC, \$18.95



RD-60/U CODE RECORDER OF RADIO TELEGRAPH CODE SIGNALS. USES 3/8" WIDE, 800 FOOT ROLLS OF PAPER TAPE. RECORDS CODE SPEEDS UP TO 1000 WORDS PER MINUTE WITH A RECORDING TIME OF 26 MINUTES (LOW) OR 13 MINUTES (HIGH). INPUT SIGNAL FREQ. 500 TO 5000 HZ. INPUT IMPEDANCE 500 AND 5000 OHMS. OUTPUT IMPED. 6 OHMS. WITH 9 TUBES. POWER REQ. 115 V. 60 HZ. SIZE 19x16x12 $\frac{1}{2}$; WT: 150 LBS. PRICES: USED LESS CABINET REPARABLE \$19.95 " WITH " " 24.95 Gov! RE-CONDITIONED W/CABINET 30.00 AS ABOVE W/PENS, ADJUSTING, TOOLS/BOOK 34.50



PHILCO CST-2 SIGNALING AND TERMINATION UNIT. FOR USE IN MULTIPLEX SYSTEMS FOR TRANSMISSION OF DIAL OR RINGDOWN SIGNALING AND TERMINATES A FOUR WIRE CIRCUIT OF THE MULTIPLEX INTO A TWO WIRE TELEPHONE CIRCUIT. A 3.5 KC TONE IS USED FOR SIGNALING. ALSO HAS CONTROLS FOR PRO PER ATTENUATION OF VOICE LEVEL. OPERATES FROM 115 V. 60 CYC. AND IS COMPLETE WITH 2/12AU7 TUBES, RELAYS, RACK MTG. 19x4x12; WT: 25 LBS. PRICE: UNUSED \$12.95

MULTIPEX



AUTOMATIC ELECTRIC RELAY ASSEMBLY; 12 A/E TYPE RT-379-A1 RELAYS, 48VDC .1 AMP OPERATING 10 CONTACT ARRANG. #D-857697 AUTOMATIC LINE FINDER, RACK MOUNTING SIZE: 13 $\frac{1}{2}$ x4 $\frac{1}{2}$ x6 $\frac{1}{2}$; 12 LBS. PRICE: W/COVER \$12.95



SWITCHBOARD PANEL ASSEMBLY 10 RED, 10 GREEN LAMPHOLDER W/DIMMER, LEVER SWITCHES MOMENTARY SIDE BREAK ONE, & BREAK & MAKE, CENTER-OFF, OTHER SIDE MAKE 4, 320 SERIES LAMPS NOT INCLUDE SIZE: 11x4 $\frac{1}{2}$ x4; 8LBS. ASSY#770938861 \$14.95 GRAIN/WHEAT LAMP 327 24 v. 59¢ EA. 2 FOR \$1

SIGNALING SYSTEM



DUPLEX SIGNALING UNIT DSU-2 AUDIO TONE TRANS. & REC. FOR USE IN THE 2000 TO 7475 HZ CARRIER SYSTEM FOR LAND LINE, POWER LINE OR RADIO SIGNALING. REC. CAN BE ON SAME OR DIFFERENT FREQ. CH. CNT. FRE 2000-3500 @ 100HZ INTERKEYING SPEED 14-21 P-PER-SEC. TRANS. OUTPUT 600 OHM. REC. INPUT 600 OHM. POWER REQ. 105-125V. 50/60HZ, FOR 19" RACK MOUNT. W/TUBES 2/12AU7, 2/6AG5, 1/6AL5, 1/5964 (RELAY), 1/5Y3 ALSO 2 SEPARATE ASSY. LAMP PANEL ASSY. W/BUZZER & VOICE BAND FILTER PANEL. SIZE: 3 $\frac{1}{2}$ x19x8 . OTHER UNITS 1 $\frac{1}{2}$ " DEEP. WT: 50LB HAMMARLUND DSU-2M W/MANUAL \$18.95

MODEL 14 TELETYPE TRANSMITTER--DISTRIBUTOR SINGLE CHANNEL, GOVERNOR CONTROLLED MOTOR 1/25 HP 2100 RPM, TAPE DISC NO. 77070, 60 WPM, POWER REQ. 115 V. 60 CYCLE. SIZE: 15 $\frac{1}{2}$ x8 $\frac{1}{2}$ x9; WT: 35 LBS. PRICE: USED \$19.95



TAPE, TELETYPEWRITER

TELETYPE PERFORATOR TAPE, 1/16" WIDE 900 FT. OILED ROLLS. \$.60 PER ROLL; 10 ROLLS \$5.00

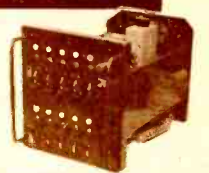


EE-91 TELEPHONE BOX WITH PLUG-IN HANDSET. HAS CRANK GENERATOR FOR RINGING MAGNETO LINES; 3000 OHM LINE RESISTANCE TALKING CIRCUIT HAS 30 DB NET LOSS. DESIGNED FOR WALL MOUNT WITH MTG. FLANGES PROVIDED. REQUIRES 3 VDC FOR OPERATION. SIZE: 6x7 $\frac{1}{2}$ x5 WT: 16 LBS. \$19.95

TELEPHONE BOX

OPERATOR'S CIRCUIT

TA-277/GTA-6 OPERATOR'S TELEPHONE CIRCUIT FOR UP TO TEN LINES. EACH LINE HAS SWITCH WITH "TALK" AND "RING" POSITION. ALSO WHITE AND RED INDICATOR LIGHTS FOR EACH LINE. TWO INPUT JACKS. SIZE: 7x8x12 WT: 15 LBS. USED, COMPLETE, \$14.95



FIELD PHONE-CONTROL SET



C-2172/GRC-14 FIELD REMOTE CONTROL SET; DESIGNED FOR USE WITH AN/GRC-14 RADIO GROUP IN AM, PHONE, AND CW KEYING OPERATIONS OVER A TWO-WIRE 600 OHM TELEPHONE LINE. INCLUDES 20 HZ RINGER SYSTEM CONSISTING OF A HAND-CRANK MAGNETO GENERATOR AND BELL. WHEN USED WITH A H-33/PT HANDSET, THE CONTROL UNIT IS FUNCTIONALLY A FIELD TELEPHONE. TERMINALS PROVIDED FOR PHONES, MIC, AND KEY. SWITCHES FOR SERVICE (CW, AM, AND TEL); FSK CONTROL; AND SIGNAL (BELL OR CALL LIGHT). SOLD WITH H-33/PT HANDSET. POWER REQUIRED: TWO "D" CELL AND ONE 45 VDC BATTERY (NOT AVAILABLE). SIZE: 3 $\frac{1}{2}$ x9-3/8x7-1/8; SHPG. WT: 13 LBS. PRICE: UNUSED, WITH USED H-33/PT, \$19.95

Headsets Telephone Equipment Microphones Handsets



HS-33 HEADSET, 600 OHM. W/USED ANBH-1 ELEMENTS AND UN-USED GREY PLASTIC HEADBAND. 4 1/2" CORD WITH PLUG. LESS CUSHIONS, \$12.00

HS-33 w/HB-7 BROWN HEADBAND (NOT U.S. MFG.) 18" CORD AND PL-354 PLG. \$11.75

HS-23 HEADSET 2000 OHM; SAME HS-33 EXCEPT NEW ELEMENT. W/GREY HB-7, \$8.25 W/BROWN HB-7, \$8.00

4" CHAMOIS CUSHIONS, \$2.25 PR. RUBBER CUSHIONS MC-162, 2 1/2", \$1.00 MX-41, 2 1/4", \$1.25

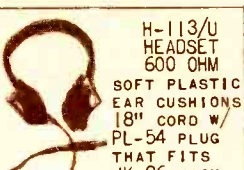
HB-7 HEADBAND ONLY GREY \$3.25 BRO. \$3



#2A/CANI638 DYNAMIC HEADPHONES, 50 OHMS IMPED; MOVING COIL-TYPE, QUALITY REPRODUCTION. ADJUSTABLE CANVAS STRAP FITS ON TOP THE HEAD; STEEL-BAND BEHIND. WITH CHAMOIS CUSHIONS, "Y" CORD, AND PHONE PLUG. UNUSED, \$4.95



HS-230 HEADSET W/PL-54 PLUG ON 13" CORD, VELOUR TYPE CUSHIONS, 250 OHM ELEMENTS AS USED ON HS-30 HEADSET, HEADBAND, NEW, ELEMENTS USED. COMPLETE W/ ELEMENTS \$6.95 HEADBAND AND CUSHIONS ONLY \$4 SEE BELOW CD-307 EXTENSION CORD.



H-113/U HEADSET 600 OHM SOFT PLASTIC EAR CUSHIONS 18" CORD W/ PL-54 PLUG THAT FITS JK-26 JACK (SEE CD-307) EXTENSION CORD ELSEWHERE ON THIS PAGE) WT: 3LBS. USED-EX \$3.95

H-62 HEADSET SAME AS H-113/U ONLY IN BLACK AND HAS PROVISIONS FOR SNAPPING ON LIP MICROPHONE CW-51071 LISTED BELOW. USED-EX. \$3.95

CW-51071 LIP MICROPHONE 100 OHMS IMPEDANCE W/ 2 SNAPS FOR FASTENING TO H-62 HEADSET, 14" CORD W/ PL-291 PLUG INTO EXTENSION CORD CD-318 LISTED ON THIS PAGE OR CW-49561 EXTENSION CORD LISTED BELOW USED \$1.00

JK-38 PHONE JACK FOR INLINE USE, TAKES TWO PL-55 PHONE PLUGS \$1

PUSH BUTTON SWITCHES FOR HANDSETS THAT USE BUTTERFLY TYPES. DIRECT REPLACEMENT. #5930-327-7308 \$1.25



H-63/U HEADSET 600 OHM BOOM MIC 100 OHM 14" CORD WITH PLUGS. \$4.95 USED MIC. OR PHONE ELEMENTS ONLY, \$1 EA.



CARBON MICROPHONES 50 OHM F-1 TYPE PRESS TO TALK NO. C-3 (LEFT) 4" CORD PL-55 PLUG UNUSED \$4.95 M-2/10A/1422 (RIGHT) 4 1/2 FT. CORD PL-68 \$3.95

CO-78 HEADSET "Y" CORD 7" LG. RUBBER COVER NO PLUGS, TERM. \$1.50

PL-204 PLUG: SINGLE HOLDER PL-68 & PL-55 SIDE BY SIDE. \$2.00

DOUBLE PLUG D178452 F/HEADSET SIMILAR 289 298. #3850 NEW \$1.50 SWITCHBOARD CORD 4 1/2" W/PL-47 #BD-96 \$1.00



NEW, \$3.95 2000 OHM HEADSET, LIGHTWEIGHT ADJUSTABLE HEADBAND, W/54" CORD, PHONE PLUG, AND RUBBER CUSHIONS. RECENTLY MFGO. ELI#978 \$3.95



HS-30 HEADSET 250 OHM IMPEDANCE HEARING AID TYPE LIGHT WEIGHT HEADBAND 7 FOOT CORD WITH PL-55 PLUG (CD-L05). USED \$2.75 EA.



H-33/PT HANDSET PHONE 300 OHM, MIC 40 OHM W/CORD UG-77 PLUG & PUSH TO TALK SWITCH. USED \$5.95



HS-16 HEADSET OR EQUIVALENT (SIMILAR TO PIC.) 2000 OHMS WITH 6" "Y" CORD & METAL TIPS. USED, EXC., \$3.

TS-9 HANDSET WITH PUSH TO TALK SWITCH (NOT BUTTERFLY) WITH 3 COND. CORD 4' AND TERMINAL LUGS. NEW COND. \$4.95

SOUND-POWERED HANDSET WITH COILED CORD 4FT. NEW MANUFACTURE. BROOK-TEL #1 \$13.95

OPERATOR'S TYPE PHONE & ADJUSTABLE BOOM MICROPHONE HEADSET ASSY. RUBBER-COVERED ELEMENTS; PHONE 300 OHM, MIC 40 OHM, 4 FOOT CORD. H-81, H-144, OR SIMILAR, LESS PLUG, \$8.95 W/UG-77 PLUG, \$9.95 W/UG-77 AND SWITCH, \$10.95

BRASS KEY WITH THREE BEARINGS; ADJUST. CONTACTS, COVER, CORD & PLUG. SIZE: 2x5x1 1/2 38-#9, \$7.50



T-45 LIP MIC



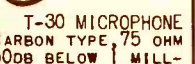
T-17 MIC, CARBON 35 TO 90 OHM PUSH-TO-TALK: PL-68 ON 5" CORD. USED \$6.95 RE-COND. \$9.



RS-38 MIC, 100 OHM CARBON. 15" COIL CORD W/ PL-68, USED. \$5 UNUSED, NOT U.S. MFG.. \$8.



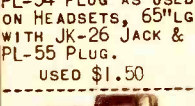
SHURE 520B MAGNETIC MIC, P-A TYPE, 150-250 OHM, 9000 HZ. GREEN AND CHROME FINISH. NEW, \$12.00



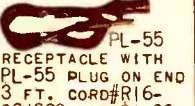
T-30 THROAT MIC



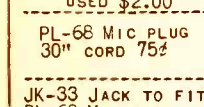
T-45 MICROPHONE CARBON TYPE 100 OHM 50DB BELOW 1 MILLIVOLT, FLAT RESPONDS WITH PL-291 2 CONT MALE PLUG, 11" CORD NEW \$2.00



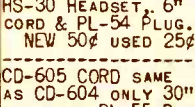
CD-307 CORD EXTENSION FOR CORDS WITH PL-54 PLUG AS USED ON HEADSETS, 65" LG WITH JK-26 JACK & PL-55 PLUG. USED \$1.50



PL-55 RECEPTACLE WITH PL-55 PLUG ON END 3 FT. CORD #R16-G3#820 NEW \$1.00



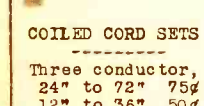
CD-318 EXTENSION CORD WITH PL-291 2 CONTACT FEMALE PLUG TO FIT T-45 & T-30 MICS. SW-141 SWITCH & PL-68 MIC PLUG ON 7 FT. CORD USED \$2.00



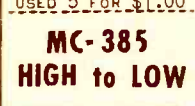
CD-604 CORD WITH IMPEDANCE MATCHING TRANSFORMER 500 OHM TO 4000, USED WITH HS-30 HEADSET. 6" CORD & PL-54 PLUG. NEW 50¢ USED 25¢



WE ECI-50 RINGER W/SOUND ADJUSTMENT 20 CYC. IVORY ONLY 3x5x1 1/2. NEW \$8



COILED CORD SETS
Three conductor, 24" to 72" 75¢
12" to 36" 50¢
3-cond. in colors 18"-36"; green, red, lt. blue 50¢
Grey or pink, 3/11
Five conductor, 12" to 36" \$1.25



MC-385 HIGH to LOW ADAPTER IMPEDANCE FOR HEADSET 4000-600 OHM USED \$1.50 NEW \$1.75



WALL TELEPHONE STRAIGHT 20 CYCLE RINGER 5x10x3; 5LB WE5M USED \$12.00

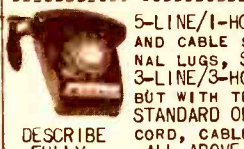
STANDARD TELEPHONE EQUIP.



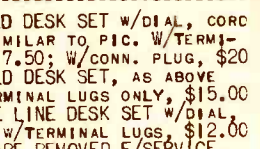
CALL COMMANDER SWITCHBOARD NE634C HAS REMOVED FROM SERVICE. 11 LINES \$24.95 5 LINES \$20.17 " 34.95 3 LINE KEY BAR ONLY \$ 8.00



PRINCESS TELEPHONE, BEIGE OR WHITE, NO RINGERS, AS REMOVED FROM SERVICE \$14



5-LINE/1-HOLD DESK SET W/DIAL, CORD AND CABLE SIMILAR TO PIC. W/TERMINAL LUGS, \$17.50; W/CONN. PLUG, \$20 3-LINE/3-HOLD DESK SET, AS ABOVE BUT WITH TERMINAL LUGS ONLY, \$15.00 STANDARD ONE LINE DESK SET W/DIAL CORD, CABLE W/TERMINAL LUGS, \$12.00 ALL ABOVE ARE REMOVED F/SERVICE.



WE F-1A 20 CYCLE CHIME RINGER RE-MOVE. SER \$6

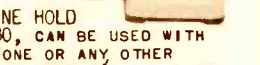
STANDARD TELEPHONE BUTTONS U-1 OR T-1, \$1.50



DESK SET AE 85D WITH DIAL 2 LINE W/ CABLE, AS REMOVED FROM SERVICE, NO COLOR CHOICE IF AVAILABLE, WILL SEND \$13



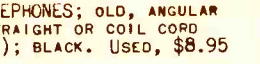
TELEPHONE 5 LINE HOLD KEY BOX AE 7030, CAN BE USED WITH REGULAR TELEPHONE OR ANY OTHER SWITCHING REQUIREMENT, W/ AMP. CONN 57-10500-7. S. 5x5 1/2 x 2 1/2; 3LBS. U \$8



WE-302 TELEPHONES; OLD, ANGULAR STYLE. STRAIGHT OR COIL CORD (NO CHOICE); BLACK. USED, \$8.95



HANDSET HOLDER FOR HORIZONTAL MOUNTING, SIZE 1 1/2 x 3 1/2 #6988 \$.50



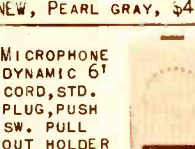
TELEPHONE SWITCH KEY IN METAL BOX FOR MTE. LEVER TYPE SWITCH. MC-88003 FOR 2 OR 3 LINE. (SPECIFY) \$2.95



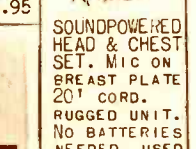
BLACK \$5.95 MODERN TELEPHONE HANDSET W/4-COND. 15"-84" COIL CORD NEW, PEARL GRAY, \$4.95



SOUND POWERED HEAD & CHEST SET



MICROPHONE DYNAMIC 6" CORD, STD. PLUG, PUSH SW. PULL OUT HOLDER WEBCOR 395 NEW \$2.50



SOUNDPOWERED HEAD & CHEST SET. MIC ON BREAST PLATE 20" CORD. RUGGED UNIT. NO BATTERIES NEEDED. USED \$15.00



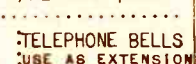
MICROPHONE SINGLE BUTTON CARBON HAND-HELD, PUSH SW. 4" CABLE W/ AMPHENOL 3 CNT. PLUG, ALUMINUM CONST. SK8-226-263 NEW \$7.95



H-60 HANDSET: 150 OHM REC. 25-45 OHM MIC. PUSH SW. 7 COND. 5' COIL-CORD, IMPACT PLASTIC, WEA-PROF \$5.95



M-29 MICROPHONE; 40-100 OHM, PUSH SW. 6" CORD W/UG-77 PLUG, U \$3.95 M-52 SAME AS M-29 W/PL-68 U \$3.95



TELEPHONE BELLS USE AS EXTENSION IN SHOP. 2 LB. 4x4 1/2 x 1 1/2 #3661A \$1.50

THERMOSTAT

WHITE-RODGERS THERMOSTAT CONTROL TYPE 262-31, NON-INDUCTIVE RATING 22AMPS. 240 VOLTS A.C. DPST SWITCH ADJUSTABLE CONTROL, 9" SENSOR LEAD. \$5.00



TELEMETER PROGRAM SELECTOR USED FOR PAY TELEVISION. CHOICE OF 3 PROGRAMS, PRE-RECORDED TAPE GIVES PROGRAM INFO. & AMOUNT OF MONEY THAT IS TO BE PUT IN REGISTER FOR EA. PROGRAM, AS SHOWN ON THE COIN REGISTER. A 8 MC. SIGNAL IS USED TO TRIGGER THE MECHANISM AND WE ASSUMED A 35 MC SIGNAL CARRIES THE VIDEO AND VOICE (ITEMS LISTED BELOW ARE PART OF THIS UNIT AND CAN BE PURCHASED SEPARATELY.)

SIZE: 15x7x7; WT: 25 LBS. COMPLETE UNIT #1001/5 \$9.95

HIGH IMPACT PLASTIC CABINET ONLY #TELE-CAB.1001 \$3.00

COIN REGISTER MECHANISM CONTAINS TWO ACTUATING PLATE TYPE SEL ENOIDS 300 AND 1200 OHMS.



CRAMER 115V60 CYCLE, 5 RPM SYNCHRONOUS MOTOR, OPEN FRAME 115 V. 60 CYC. GEARED MOTOR, WITH GEARED MECHANISM AS USED IN COIN OPERATED TV PROGRAM SELECTOR SYSTEM. ALSO GEARS, LITES COIN NUMBERING RECORDING DIALS ETC.

SIZE: 7x5x6; WT: 8 LBS. TELE-REG.#1004 RE-MOVE \$5

TAPE MAGAZINE 1/4" 66 FT. CONTINUOUS LOOP TYPE. HAS RECORDING HEAD, FOR 20 RPM OPERATION. USED WITH COIN REGISTER DISCRIBED ABOVE. (NOT MOTORIZED)



TELEMETER CHASSIS; WITH 4" SPEAKER, 2 PLATE RELAYS, R.F. COILS FOR 8 MC. 115 V. 60 CY POWER SUPPLY, OUTPUT 150VDC 100MA & 6.3V@3A. 8135 CRYST. W/TUBES 3/6U8, 6RE6, 6BA8 & 12BH7 IEA. SIZE: 10x6x6; 10LB TELE-CHASSIS#1002 RE-MOVE\$7

BRUSH SETS

BD-77 PE-73 DY-17 \$3.00 PER SET



DM-21	DM-25	DM-28	DM-32
DM-33	DM-34	DM-35	DM-36
DM-37	DM-40	DM-41	DM-42
DM-43	DM-45	DM-53	DM-64
BD-83	PE-86	BD-93	BD-69
DA-1A	DA-12	DA-14	DA-1F
DY-21	DY-22		DP-125

OTHER TYPES ALSO AVAILABLE SET OF FOUR BRUSHES \$1.00

MOTOR-DRIVEN RELAY SPST NO 115 VOLT 60 HZ. 10 AMPS. NON-SYNCHRONOUS 115 V. 60 HZ. MOTOR 3.8 W. 4/5 RPM. SIZE 2 1/2x4x2 #N17-R-68292 \$5

CUTLER HAMMER SCREW IN TYPE LIQUID HEATER 1000 WATTS, 118V. CONTROL 100-550 W/INDICATOR LITE C&H#94-1026-4 UNUSED \$5

TIME-O-MATIC SIGN CONTROL, 115 VAC 60 HZ. THREE CONTACTS RATED 15 AMP EACH. TWO ALTERNATELY MAKE AND BREAK ONCE PER SECOND FOR 15 SEC; OTHER BREAKS FOR 20 SEC. AT THE SAME TIME. THEN ALL THREE MAKE AND THE CYCLE REPEATS. SIZE: 3x5x6; SHPG. WT: 5 LBS. #53 K-155, \$4.95

KEY SELECTOR CONSISTS OF MANUAL CLOCK MECHANISM FOR SENDING 17 IMPULSES, CAN BE SET TO CALL ANYONE AT 78 STATIONS, SPST LEVER SWITCH 2x2x4 1/2; 4C5100.60A \$1.50

SYNCHRON CLOCK MECHANISM, No.610 110 V. 50 CYCLE 3 WATT 1 RPM #EC-129RB, WITH GEAR ASSY, NO RESET OR COVER. 2x2x2 1/2; 4oz. \$1.35

HAYDON SYNCHRONOUS MOTOR 115 V. 50 HZ. 3/4 RPM CW #42106 \$1.00

HANSEN SYNCHRON CLOCK MOTOR 110 VOLT 60 CYCLE 10 R.P.H. MODIFIED WITH SLEEVE OVER SHAFT TO 24 R.P.H. #A12-RC-12-62 \$1.50

CRAMER TIMER SWITCH ASSY. MODEL TC-60SEC, 230 V 60 CYC, SWITCH 5 AMP. CONT. 3.8 W. 4/5 RPM MOTOR.#1.95

VARIOMETER, FOR USE WITH RECEIVER OR TRANSMITTER FOR MAX MATCHING OF ANTENNA TO SET TRANSMITTER MAX. 50 WATTS. USED WITH MARK II REC-TRAN; CAN BE USED W/OTHER SETS HAS 0-200 DIAL, 360 USED SIZE: 5x9; 8LB. PC75608 \$5

VARIOMETER AS USED IN COMMAND TRANSMITTER. SIZE: 2x3; 4oz. #7249 \$1

VARIOMETER, SERIES WOUND SIZE 5x4; WT: 5 LBS. WILCOX-GAY PT#172428 \$3

VARIOMETER REMOVED FROM ART-13 2-18 MHZ 90 WATT TRANSMITTER. 5x4x3 #VARI/ART-13, \$4.

AS-207/CRT-3 ASSY WITH 300 FOOT OF 16 STRAND BRAIDED CADMIUM ALLOY COPPER WIRE ON RL-48 REEL WITH CRANK MOUNTED TO ALUMINUM DOOR WITH ADJUSTABLE BRAKE AND SNAP SWIVEL USED AS ANTENNA FOR GIBSON GIRL TRANSMITTERS, WIRE IS ATTACHED TO BALOON OR KITE WHICH IS NOT SUPPLIED. SIZE: 4x2; 2 LBS. \$5.95

RELAY CONTROL UNIT WITH 4/24 VDC REED AND 3/24 V. P&B 4PDT RELAYS. ALSO 1500 MFD 100 VDC AND 3000 MFD 25 VDC CAPACITORS; 6" 11-CONDUCTOR CABLE; AND SOLA TRANSFORMER WITH 24 V. AND 75 VDC OUTPUTS. NICE CASE: 6x5x10 (TOP), 3x5x10 (BASE); 15 LB. #RCU1, \$9.95

RECORDING TAPE MAGNETIC TAPE FOR MOST AUDIO RECORDERS, 10" REEL; 1/2" WIDTH APPROX. 3600 FT LEADING MANUFACTURERS. WT; 2 LB AST3045 \$1.50 4 FOR \$5

MYLER COMPUTER TAPE; 1/2" 1 1/2 MIL APPROX. 2400 FT. REEL IS IN LOCK TOP BOX. 3LBS USED URC-AMPEX 838 OR EQUAL. \$2.95 2/\$5

HEATING ELEMENTS

ROUND HEATING ELEMENT, 6" OUTER DIA., 3 1/2" INNER DIA. 1/2" THICK. 118 VAC 500 WATT. NUT TERMINALS. #HSW-6, \$3.

CHROMALOX, CARTRIDGE-TYPE C-414; 115 VAC 180 WATT. 2x3x3; 9" LEADS, \$1.50 STRIP HEATER, 46 V. 60 W. 1x5x5; #PT5X73, \$1.50

LOOP COIL TYPE, 9" LONG; 115 VAC 30 W. #83975, \$2.00

DOUBLE "U" LOOP COIL, 3" HIGH. 115 VAC 1000 WATT. CHROMALOX #2111-2, \$2.50

LONG DURATION TIMER WITH 115V RESET RELAY. 115V 60 HZ 1/16 RPM MOTOR. CAM ACTUATES SPOT MICRO SWITCH. 3x2x2 1/2. UNUSED \$2.95

ILLUMINATED CLOCK MECHANISM AS USED ON CLOCK RADIOS. CLEAR PLASTIC FRONT TO TRANSMIT LIGHT, NO HANDS. HAS 60 MIN TIMER ALSO HAS ON-OFF-AUTO ALARM 2" SQ FACE. 115V 60 HZ. SH WT 2 LB. UNUSED \$1.50

ELECTRIC TIMER ONE HOUR, OPENS AT END OF PERIOD 115 V. 60 CYCLE CONTACT 230 V 25 A. ROBERTSHAW 700-2141 \$1.95

30 MINUTE SPRING TIMER, 115 A.C 20 AMP SWITCH CLOSURES WHEN UNIT IS WOUND, TURNS OFF AFTER CYCLE. 2 1/2x2 1/2; 1LB \$3.95

STEPPING SWITCH 115 V. 60 HZ RACKET TYPE UNIT THAT CAN BE WIRED TO MAKE UP TO 17 CONTACTS WITH ELECTRIC RESET. SIZE: 4 1/2x3 1/2x2 1/2; WT: 1 1/2 LB. MILLER#109S288 \$2.95

ALLIGATOR CLIP WITH PINCH SPIKE JAWS AND SCREW HOLDER FOR WIRE, 2" LONG. 12 FOR \$1.00

RADIO FREQUENCY SECTIONS TRANSMITTER - RECEIVER 418-462 MC PART OF RT-7/APN1 TRANSMITTER SECTION OSCILLATOR CAN BE ADJUSTED BETWEEN 425-440 MC. WITH TWO 955 TUBES (NO WOBULATOR) HOUSED IN ALUMINUM CAN 2 1/2x3x6"; 2 LBS. RE-MOVED FROM EQUIPMENT.

RECEIVER SECTION, BALANCED. DETECTOR WITH 2-9004 TUBES. HOUSED IN ALUMINUM CAN 2 1/2x3x6; WT: 2 LBS. RE-MOVED FROM EQUIPMENT RT-7/APN-1 RECEIVER OR TRANSMITTER SUB-ASSEMBLY PRICE: LESS TUBES, \$1.00

BROADBAND TUNER 14 TO 50 MC VARIABLE CAPACITOR COUPLED TO VARIABLE INDUCTOR, AS CAPACITOR IS ROTATED, IRON SLUG IS MOVED IN AND OUT OF COIL. BALANCE OF ASSY. CONSISTS OF CERAMIC OCTAL SOCKET, RESISTORS AND CONDENSORS TO MAKE RF TUNER. SIZE: 3x2x3; WT: 1LB. RT-45 TUNER ONLY \$1.95

TRANSMATCH ASSY ROTARY INDUCTOR, 16 TURNS, .5-4.15 MICRO-HY. W/VARIABLE CAP. 5-50 MMF. 2000V RE-MOVED FROM EQUIP. DESIGN FOR 14-50 MHZ. SIZE: 2 1/2x5x5 4 LBS. #88H502 \$6.95

M77C TELESCOPE 1.5 POWER COATED OPTICS. \$8.

CAPACITY TUNER WITH AUTOTUNE 160 TO 211 MC WITH COND. RESISTORS 2/SO-239 1/2C26 TUBE. 7 1/2x5 1/2x5 7 LBS. WITH TUBE \$2.95

RT-58/ARC-12 CHANNEL SELECTOR AND MOTOR ASSY. 10 POSITION AUTOTUNE MOTOR DRIVEN 26.5 VDC WITH 2 SHAFTS 60 RPM ALSO RELAYS. 4x6x3 1/2; 5 LB. #596C-1 \$2.95

BUZZER 24/28 VOLTS D.C IN SEALED CAN. TWO HOLE MGT. SIZE: 3x2x1 1/2; WT: 1 LB. #MH-12079 \$.75

RATE-GYRO No.8511364 28 VOLTS D.C GYRO MOTOR WITH POTENTIOMETER. WESTERN ELECTRIC GA-10147-3 SIZE: 2 1/2x2 1/2x4; WT: 3LB. \$4.95

AUTOMOTIVE

THE AUTOMOTIVE TEST EQUIPMENT LISTED BELOW IS FROM THE HEYER INDUSTRIES DYNAMISION AND MOTOR TUNE-UP EQUIPMENT LINE MADE FOR SERVICE STATION USE AND EVEN THOUGH IT IS OF OLD DESIGN IT MAY BE STILL BE USED FOR WHAT IT WAS INTENDED BUT WE DO NOT MAKE ANY GUARANTY

COIL & CONDENSER TESTER W/OHMETER FOR AUTOMOTIVE USE VIBRATOR SUPPLIES THE NORMAL CURRENT TO THE COIL AT PROPER DWELL. CAPACITORS ARE CHECKED FOR CAPACITY, LEAKAGE, RESISTANCE ET ASIDE FROM THESE METER ALSO HAS A 100,000 OHMMETER SCALE. METER IS 4 1/2" SATIN/CHROME 500 MUA 2% ACCURACY. VOLTAGE REQ. 6/12 VDC #332 W/TUBES 1/12AU7, 1/0A2, 1/6X4 SIZE: 14x5x6; 10LBS \$14.95 U

MODEL #337 TACH & VOLT METER; FOR AUTOMOTIVE USE. TACH RANGES 0-1000 & 0-5000 RPM, VOLT DC RANGE 0-18 ALSO PROVISIONS FOR PLUGGING IN TIMING LITE. W/TUBES 1/0A2, 1/2D21. METER 4 1/2" CHROME 500 MUA FOR 6/12 VDC OPER. SIZE: 13x5x5; 8 LBS. \$14.95U

DUAL TESTER; R.P.M. 0-1000 & 0-5000 sc. VOLTS SCALE 0-18 VDC LOWER METER IS FOR TESTING SPARK ADVANCE. ALSO PUG FOR TRANSDUCER ADAPTER. USES TUBES 1 EA. 2D21 6AL5, 6AU6, 5696 AND No.336 2/0A2. TWO 4 1/2" METER 500 MUA CHROME. COND. USED SIZE: 13x5x5; WT: 13 LBS. LESS TUBES \$9.95 w/TUBES \$15

TELEREGISTER HEAD-OUT 12 VOLT D.C. IMPULSE COUNTER RACKET TYPE NUMBERS 0-1-2-3-4-5-6-7-8-9, NUMERAL 1" HIGH ON ROTARY DRUM, UNITS MAY BE GANGED. SIZE: 3 1/2x1 1/2x1 1/2, 1 1/2 LE TELEREGISTER K-1 PRICE: \$1 EA. 6 FOR \$5

AIRCRAFT COCKPIT EXTENSION LAMP ASSEMBLY, No. B-7 USES STANDARD 2 CONTACT AUTO LAMP 5 1/2" SPRING RETRACTABLE CORD W/DIMMER CONTROL AND ON-OFF SW. USED, \$4.95

GEARS GEARS GEAR BOX W/TWO PAIRS BEVELED 45° GEARS, 2/12-24 VDC CLUTCH ASSY. W/90° STOPS, AND 20 OTHER GEARS 1 1/2"-1 3/4" O. ON BRONZE BEARINGS. 4x7x4 1/2, 5 LBS. USED. #TUN/ARC-45 \$5.

PLANETARY GEAR ASSY. W/4 1/2", 2", AND 1 1/2" DIA. STEEL GEARS. ALSO 3" O. MACHINED BRASS GEAR W/ 2 PRS. 9/16" D. OUTER BRASS GEARS ROTATING ABOUT 1 1/2" O. BRASS CORE GEAR AS SHAFT IS TURNED. \$5

MINIMUM ORDER \$5.00

MODULAR POWER SUPPLIES



LAMBDA MODULAR POWER SUPPLIES, RUGGED SOLID-STATE. REGULATED 0.03%. REMOVED FROM EQUIPMENT BUT IN EXCELLENT CONDITION. RATINGS ARE BASED ON A 60 HZ VAC INPUT; OUTPUT V-5% AND AMPS @ 40° CENTIGRADE.

MODEL	INPUT	OUTPUT	PRICE
LMB-20	105-132	20V	1.8A \$35.00
LMCC-5	105-132	5V	10.5A 50.00
LMCC-5V	205-250	5V	10.5A 50.00
LMCC-20	105-132	20V	5.0A 50.00
LMCC-20V	205-265	20V	5.0A 40.00
LMD-20	105-132	20V	7.4A 60.00
LMD-20V	205-265	20V	7.4A 60.00
LME-5	105-132	5V	2.0A 70.00

PACKAGE SIZE: (B) TYPE: 3 1/2 x 5 1/2 x 6 1/2; (CC): 5 x 5 x 9 1/2; (D): 5 x 7 1/2 x 9 1/2; (E): 5 x 7 1/2 x 11 1/2.

LRA RACKS FOR LAMBDA MODULAR UNITS AVAILABLE

SPERRY SOLID STATE P.S. 115/230v. 60Hz. OUTPUT 6VDC @ 3.5A, OR 12.03A @ 230v INPUT SIZE 8x10x11; 25 LBS. #4124957 \$24.95

OUTPUT 6VDC @ 5A, -12VDC @ 2.5A. & 48VDC @ 5.5A SIZE: 20 1/2 x 9 x 8; 40 LBS. #411328 \$39.95



VARNEY AUTO-RACE PACK, two 14 VDC 600 MA outputs. Makes nice small bench supply by adding regulator, etc. W/5' AC cord, switch. 5x3 1/2 x 2 1/2, 3 lbs. \$2.95

LAMBDA HIGH CURRENT POWER SUPPLIES, LTD. QTY

LMF-A-5	"	105-132v.	5V 31.5A	\$150
LMF-5-0V-V	"	205-265v.	5V 48A	150
LMF-A-20	"	105-132v.	20V 16A	125
LMF-20-V	"	205-265v.	20V 23A	150

OTHER MANUFACTURER'S SOLID-STATE REGULATED POWER SUPPLIES WITH 60 HZ INPUT VOLTAGES:

CON AVIONICS	INPUT	OUTPUT	PRICE
HT-39-1.75A-5.15	115v.	39V 1.75A	\$30.
HT-20-5.6A-515	115v.	20V 5.6A	\$50.
HS-20-15.5-896	220v.	20V 15.5A	\$75.
NJE-HS-20-15.5-515	216-264v.	"	\$75.

DRLESSER-BARNES WITH REMOTE SENSING, 26859 210-250v. 20V 3A NEW \$30
26858 210-250v. 20V 9A NEW \$60
27091 208, 220, 240v. THREE PHASE, UNREGULATED, 10V 6A AND 50V 3A NEW \$25

ELECTROSTATICS MODEL 50; INPUT: 103-127 v. 50-400 HZ. OUTPUT: 18-22 VDC @ 2 AMPS. LESS COVER. 6 1/2 x 5 x 4 WT: 10 LBS. NEW \$25

NORTH ELEC. P.S. 105-132v. 40-440Hz. OUTPUT 3.7vdc @ 14A. (MODULAR) 9 1/2 x 5 x 7 1/2; WT: 17 LBS. #N14003KA NEW \$35.00

NORTH ELEC. P.S. 115/230v 60Hz, OUTPUT 6VDC @ .5A. -6VDC 5A -12VDC @ 1.6A. -28VDC @ 4A. SIZE: 21 x 5 1/2 x 5 1/2; WT: 28 LBS. #PEC2754 \$29.95

NORTH ELEC. 115/230v. 60Hz. OUTPUT 5VDC 42 A. 15VDC 5 A. -15VDC 5 A. -18VDC 12 AMP. 24 VDC 10A. 250VDC 200 MA. SIZE: 24 x 7 x 16; WT: 150 LBS. #PEC3496 \$100.

WANLESS 1-0EM IC POWER SUPPLY; OUTPUT: 24 v. @ 2.5 AMPS. REGULATED; AUTOMATIC FOLDBACK CURRENT LIMITING. FLOATING + AND - OUTPUTS. AC INPUT; SOLID-STATE. SIZE: 5 x 5 x 6; WT: 10 LBS. NEW, \$27.95



VOLTAGE REGULATED POWER SUPPLIES



LAMBDA

MODEL #28 200-325 vdc @ 100 MA. & 6.3 VAC @ 3 A. RACK MTG. \$20

MODEL # 28M WITH METERS \$30

MODEL #29M WITH METERS 100-200 VDC @ 100 MA. 6.3 VAC @ 3A. R-MTG \$35

MODEL #33M w/METERS 100-200 VDC @ 300 MA. 6.3 VAC 2/6.3 5A. R.M. \$45

Model C-280, 0-200 VDC 200 Ma and 6.3 VAC 3 amps, \$55.00

Model C-281M w/meters, 125-325 VDC 200 MA; 6.3 VAC 10 A. rack, \$60.

Model C-480, 0-200 VDC 0-400 MA; 6.3 VAC 15 amps. Rackmount, \$65.

Model C-480M, above w/meters, \$80.

NJE #SS-32-3, 0-32 VDC 0-3 amps, metered, rackmount, \$47.50

NJE #S-400, 0-300 VDC 300 ma, metered, rackmount, \$65.00

OREGON MODEL D6, 0-150-600 VDC - 500 MA, 2/6.3 VAC 10 A; rack, \$75.

HEWLETT-PACKARD 712A, 0-500 VDC 200 MA, 6.3 VAC 10 A. Rack, \$65.

CON-AVIONICS HS SERIES DUAL POWER SUPPLY, transistorized, 17-19 VDC 16 amps; 110 VDC 250 MA, \$100.

PP-2766/URA-36 XMITTER POWER SUPPLY BY TMC. INPUT: 115/230 VAC 50-60 Hz. OUTPUT: 2800 VDC 600 MA. WITH ONE 5600 VCT 600 MA TRANSFORMER AND ONE 5 VCT 15 AMP, TWO 4B32 TUBES. RACKMOUNT; SH WT: 200 LBS. USED, \$150.

DYNAMOTORS

TYPE	USED	RENEW	TYPE	USED	RENEW
DM-25	2.95	4.95	D-401	6.95	
DM-28	6.95	9.95	D-402	6.95	
DM-32	2.95	4.95	D-401(SPEC)	8.95	
DM-32(12 v)	4.95	DY-9	9.95		
DM-33 (WRITE AV)	DY-10	12.95			
DM-34	2.95	4.95	DY-17	12.95	
DM-35	20.00	DY-21	8.95		
DM-36	2.95	6.95	DY-22	9.95	
DM-37	13.00				
DM-40	5.95	DA-6A	8.95		
DM-41	5.95	DA-1F	11.00		
DM-42	15.00	DA-14	8.95		
DM-43	15.00				
DM-53	4.95	BD-77	19.95		
DM-53	5.95 (12V)	BD-83	8.95		
DM-64	7.95				

ADVISE US OF YOUR REQUIREMENTS OR WRITE FOR SPECS. PE-86 5.95
PE-98 8.95 (COMP)
PE-98 4.95 (DYN)
PE-94 9.95

CARTER MA-2503; INPUT 6 VDC 6.3 A. OUTPUT 250 VDC 30 MA. SIZE 3 1/2 x 5 x 3; WT. 6 LBS. USED \$4.95

41S14 F/COLLINS 618; INPUT 27.5VDC 22 AMPS. OUTPUT 650 VDC 550 MA. & 250 VDC @ 150 MA. SIZE 9x14 N \$15

DYNAMOTOR DM-35 INPUT 12 VDC @ 18.7 AMP. OUTPUT 625 VDC @ 225 MA SIZE: 4 1/2 x 4 1/2 x 8 1/2; 13 LBS. UNUSED \$20

INVERTERS



EICOR INVERTER X3516-1 INPUT: 27.5 VDC 165 AMPS. OUTPUT: 115 VOLT 400 CYCLE 2500 V.A I PHASE SIZE: 16x11 1/2 x 8; WT: 75 LBS. EXCELLENT COND. \$49.50

PU-7 INVERTER

INPUT: 28 VDC 160 AMPS. OUTPUT: 115 VAC. 400 CYCLE 21.6 AMP. I PHASE SIZE 19 1/2 x 8 x 10 1/2; 100 LBS. PRICE: UNUSED \$49.50

5AS13N3 INVERTER

INPUT: 26 VDC 100 AMPS. OUTPUT: 115 VDC 400 CYCLE 1500 VA I PHASE SIZE: 14x9 1/2 x 6; WT: 50 LBS. PRICE: UNUSED \$45.00

MG-149F INVERTER INPUT: 24 VDC 36 A. 750 VA. OUTPUT: 115 V. 400 CYCLE I PHASE 500 VA & 26 V. 400 CYCLE I PHASE 250 VA. SIZE: 12x8 1/2 x 8; WT: 25 LBS. PRICE: GOV. RECOND. WRITE

INVERTER INPUT 27.5VDC 60A OUTPUT 115 V 400 CY 750 W 3 PHASE 26 V 400 CY 50 W I PHASE SIZE 11x10x6; WT: 40 LBS. LELAND#10285 USED \$34.95

JACK & HEINTZ INVERTER INPUT: 27.5 vdc 150 AMPS. OUTPUT: 115/200 vac 1/3 PHASE, 2250/2500 va 400 cyc SIZE: 20x12x8; WT: 75 LBS. J&H F-45-3 OR EQUAL USED PRICE: USED, REPARABLE \$75

PU-43/A-800-1 INPUT: 24 VDC @ 75 AMPS. OUTPUT: 115 V. 800 cyc. I PHASE 10.5 AMPS. WT: 35 LB. SIZE: 4 1/2 x 8 x 12. USED \$14.95



JACK & HEINTZ

F-132 INVERTER INPUT 27.5 VDC @ 100 AMPS. OUTPUT 115 v. 400 CYCLE 1500 VA 3 PHASE SIZE: 16 x 11 x 7; WT: 55 LBS PRICE: USED \$75.00

F-147 INVERTER INPUT 27.5 VDC @ 180 AMPS. OUTPUT 115 v. 400 CYCLE 2500 VA I PHASE SIZE 18x11x7; WT: 75 LBS. PRICE: USED \$75.00



JACK & HEINTZ INVERTER #AN-3532-2 INPUT 27.5 VDC @ 20 AMPS. OUTPUT 115 VOLT 400 CYCLE, 3 PHASE, 250VA VOLTAGE REGULATED. SIZE: 12x7 1/2 x 4 1/2; WT: 20 LBS. FED#6125-617-0967 USED \$14.95 RE-COND. \$22.95

1000 VDC 350 MA

BD-77 DYNAMOTOR; INPUT: 14 VDC 39 AMPS. OUTPUT: 1000 VDC 350 MA. SIZE: 11x10x6 1/2 SHPG. WT: 40 LBS. \$19.95

PE-73 DYNAMOTOR; SAME AS BD-77, BUT WITH 28 VDC 19 AMP INPUT, RECOND. \$30.00

DM-42 DM-42 DYNAMOTOR; INPUT: 12 VDC 39 AMPS. OUTPUT: 1030 AND 515 VDC @ 215 MA. 7x7x11; 42 LB. RECOND. \$15.

VIBRATOR POWER SUPPLY, USED WITH AM/PIP-1A PUBLIC ADDRESS SYSTEM. INPUT: 5.2 TO 6.2 DC VOLTS; OUTPUT: 300 VDC 60MA, 50 VAC. SIZE: 4 1/2 x 3 1/2 x 2 1/2 3 LBS #H17VD-11077 NEW \$5.95

PE-104 POWER CONVERTER. 6 OR 12 VDC INPUT, OUTPUT 90 VDC, 1 1/2 VDC AND -45 VDC. SIZE: 4x4x7; WT: 10 LBS. NEW \$3.95 w/EXTRA VIB. \$4.95

PP-855/PRC-14 VIBRATOR POWER

SUPPLY WITH FILTER NETWORK. 6 VOLTS DC INPUT, 5.35 AMP OUTPUT 135 VDC @ 155 MA. SIZE: 7 1/2 x 2 1/2 x 2 1/2; WT: 3 LBS. NEW \$4.95

DUAL SIX VOLT D.C VIBRATOR POWER SUPPLY. OUTPUT 540 VDC @ 150 MA. CAN BE TAPPED AT 270 VDC. WITH 2/024 TUBES. SIZE: 9x6x5; WT: 10 LBS. STK#3H6694-5 NEW \$7.95

HIGH VOLTAGE

ACE HIGH VOLTAGE POWER SUPPLY; OUTPUT: 3000 VDC 50 UA APPROX. INPUT: 115 V. 60 Hz. Uses TWO 1B3 RECTIFIER TUBES. WITH MOUNTING FLANGE. SIZE: 6x7x2; SHPG. WT: 8 LBS. UNUSED. #ACE-HV3000, \$5.95 SPECIAL!! 2 FOR \$10.00

PE-157 POWER SUPPLY, originally used with BC-728 manpack radio. Output: 1.5 VDC 490 ma and 135 V. 50 ma. Requires 2 volt BB-54 wet cell battery. Has leather carrying handle and space for 4" speaker. 6 1/2 x 12 x 6; 20 lbs. sh. Used, less battery, \$14.95 BB-54 BATTERY, 4 lbs., \$3.

PP-18 CONVERTER 12 VDC 4 AMP TO 24 VDC 1.5 AMP. PARALLEL FOR MORE CURRENT. WITH VIBRATOR ALSO PLUG SIZE: 6 1/2 x 5 1/2 x 8 1/2; WT: 10 LBS. NEW \$4.95

GENERATOR

GENERATOR G - 24 AC - DC 115 V. 800 CYC 10.5 AMPS. 24 V. D.C. 60 " SPLINE SHAFT SIZE 7/8x1 1/2 SIZE: 6 1/2 x 7 1/2 x 13; WT: 45 LBS. RE-COND. \$24.95



BELL SYSTEM POWER SUPPLY 105-130 VOLT 60 HZ. OUTPUT 18VDC .6 AMP 20VDC .0 " 9vac 2,8 AMP & 18vac 1.4 AMP. FUSED & AC CORO. SIZE: 8 1/2 x 4 1/2 x 8 1/2; WT: 22LB #J86731A USED \$6.75

MOBILE SUPPLY

AVA-126 VIBRATOR POWER SUPPLY, operates from 6, 12, or 24 VDC depending on vibrator used. Output: 300 V. 100 MADC. Includes 6 VDC vibrator. 7 1/2 x 7 1/2; 12 lbs. Unused, \$5.



TUBE SOCKETS

JOHNSON 275
5 CONTACT
F/4-400A
ETC. 3" sq.
USED \$5.00




SEDLACSIK'S 958 CERAMIC 4 CONTACT F/872 ETC. UNUSED \$3.00

EIMAC SK610/JOHNSON
124-110 socket for
4X150, used, \$7.50
With chimney SK606/
124-111, \$9.00
Chimney only, \$3.00



OCTAL MOULDED 2 HOLE MTG. \$.25
" " RING " .30
" CERAMIC (SPECIFY) .50
LOCTAL MOULDED 2 HOLE .35
CERAMIC TYPES 4,5,6 & 7
CONTACTS STANDARD SIZES .50
MOULDED TYPES 4,5,6 & 7
CONTACTS, STANDARD SIZES .35
MINIATURE MOULDED 7 & 9 .30
" CERAMIC 7 & 9 .40
SHIELDS FOR MINIATURE TUBE .25
GIANT 4 CONTACT CERAMIC FOR
211/VT-4C, 872 ETC.
GE #M17461594-G1 USED .49
GIANT 4 CONTACT CERAMIC FOR
715, 718 ETC. JOHNSON 234 TYPE
STK. #227664.98 UNUSED \$1.25
CERAMIC FOR 829 ETC. 1.25
" 832 ETC. 1.25
" 872 W/SHOULD 1.00
" 811/866 1.00
JOHNSON 214 F/750TL, 1500T 2.00
" 244 F/8008 ETC. 2.00

JOHNSON 0105-047
SOCKET
F/829B
5894
\$2.50




JOHNSON 124-0113-021; SILVERED
2000 MMF MICA SCREEN GRID BY-
PASS CAPACITOR WITHIN A LOW-
LOSS HOUSING W/PRESSURE CONTACT
FINGERS 1-3/8 DIA., 2-3/8" MTG.
HOLE CNT. F/4X150 ETC. TUBES \$3

TERMINAL STRIPS WITH
CLIPPED WIRE
BARRIER TERM. STRIPS AVAILABLE,
3/4, 1 & 1 1/2" WIDTHS, 2 TO 16 TERM
INALS. TWO TERMINAL 20¢ EA. EACH
ADDITIONAL TERMINAL 3¢. WE WILL
SHIP CLOSEST TO YOUR ORDER.




HEAVY DUTY TERMINAL STRIPS.
APPROX. 2" W x 1 1/2" D.
6 TERM. 4x1 1/2" \$1.50 12 TERM. WITH
8 " 6 " 2.00 SCREW DOWN
12 " 8 1/2 " 3.00 HOLDER TYPE \$4


TM-175 BINDING POST
2x5/8" DIA. HEAD;
1/2" LG #8 THREAD.
BRASS. 4/\$1.00



RUBBER SHOCK MOUNTING
4 LBS. No. 4 \$.35
6 " " 6 .40
10 " " 10 .45
12 " " 12 .55
16 " " 16 .65
24 " " 24 .80
35 " " 35 .85
OTHER WEIGHTS AVAILABLE, WRITE



ENERGY STORAGE
ENERGY STORAGE CAP.
7.5 MFD., 20K VDC .06
UH IND. OSCILLATORY
DUTY, 75K PEAK AMPS.
CASTOR OIL FILLED.
SIZE: 15x13x5; 65 LBS
GE #14F666G5 \$50



HIGH VOLTAGE
VARIOUS CAPACITIES & HIGH VOLT-
AGES AVAILABLE.
WRITE & TELL US OF YOUR NEEDS.

Capacitors



MFD	VDC	SIZE	PRICE
24000	3	4x3	\$ 1.00
2000	15	1 1/2x4 1/2	.75
1100	25	1 1/2x4	.75
500	200	2x4	1.25
4	400	2 1/2x4x1	.75
2	600	2 1/2x2x1	.50
3	600	1 1/2x3x1	.55
4	600	3 1/2x2x1 1/2	.65
6	600	4 1/2x2x1 1/2	.75
7	600	4x4x2	.80
8	600	5x3x1 1/2	1.00
10	600	4 1/2x3x1 1/2	1.25
1	1000	2 1/2x1 1/2x1	.50
1.5	1000	4x1 1/2x1	.75
2	1000	4x1 1/2x1	.85
4	1000	4 1/2x2x1 1/2	1.00
8	1000	4x2x1 1/2	1.50
10	1000	4x3x1 1/2	1.75
15	1000	5x3x2 1/2	1.10
15	1000	5x3x2 1/2	1.50
2x8 1/2	1000	5x4x2 1/2	3.00
2	1500	4x2x1 1/2	1.00
8	1500	6x3x2 1/2	3.75
12	1500	4x4x4	5.95
4	1500	3 1/2x3x1 1/2	1.50
1	2000	2x3x1	1.00
2	2000	4x3x1 1/2	2.00
1	2500	4 1/2x3x1 1/2	1.25
1	3000	4x3x2 1/2	1.50
1	5000	8x4x3 1/2	4.00

OTHER VALUES-WRITE-SPECIFY

COMPUTER GRADE

MFD	VDC	SIZE	PRICE
23000	7	5 1/2x1 1/2	.60
		BANK OF FIVE	2.50
150000	10	5 1/2x3	3.50
61000	10	4x2 1/2	1.50
13000	15	4x2 1/2	1.50
73000	15	4x3	3.00
40000	20	4x2 1/2	2.75
52000	20	6x3	3.75
20000	25	4x3	2.00
16500	30	4x3	2.00
24000	30	4x2 1/2	2.25
25000	30	4x3	2.50
54000	30	6x3	4.50
18000	35	4x3	2.50
25000	35	4x2 1/2	3.00
37500	35	6x3	4.00
9400	40	4x1 1/2	2.25
16000	40	4x3	2.75
30000	40	4x3	3.00
40000	40	5x3	3.50
48000	40	5x3	4.00
51000	40	4x3	4.50
12500	50	4x3	2.25
23200	50	4x3	3.75
34000	50	5x3	4.50
13500	60	4x2	4.00
25000	65	5x3	5.00
950	75	4x3	2.00
3500	100	5x3	4.00
1250	180	4x2	3.00
1700	200	5x3	4.00
500	250	4x1 1/2	3.00
1000	300	4x2 1/2	4.00
600	360	3x1	2.25

OTHER VALUES AVAILABLE
WRITE ALSO PRICES 25 PLUS.

AC CAPACITORS

MFD	VAC	SIZE	PRICE
1.3	950	5 1/2x4x1 1/2	3/\$1.00
8	660	6x2x1	2.00
10	660	5x3x2	2.50
3	660	3 1/2x4x1 1/2	.75
2	440	2x2x1 1/2	1.00
10	370	6x1 1/2 RD.	1.25
4	370	2 1/2x2 1/2x1 1/2	.75
7	330	3x3x1 1/2	1.25
4	330	6x2 RD.	1.00
3.9	330	4x2x1	1.00
5	220	4x3x1	1.00
47-58	220	4x2 RD.	2.00
4	220	4 1/2x1x1	1.00


ROTARY SWITCHES

CERAMIC ROTARY SWITCH; TWO DECK, 2-POLE 5-POSITION EA. 2" DIA. #REM/PP-115, \$1.00

ROTARY SWITCH, 2-DECK. ONE 4PDT MOMENTARY BOTH SIDES; OTHER 2PDT MOM. B.S. AND 1PST MOM. 1-3/8" DIA.; CERAMIC. #3Z9825-20, \$1.00

ROTARY SWITCH, CERAMIC, 2"D 3 POLE, 3 POSITION, 1 DECK 3Z9825-34.1 NEW \$1.00


THUMB-WHEEL WAFER SWITCH, 18 POSITION, NUMBERED, 2 HOLE MTG. HORIZON TAL OR VERTICAL, 2 1/2x3/8" # 960 NEW \$1.25
SAME AS ABOVE 10 POSITION 2 1/2x3/8" #980 NEW \$.75



25 POSITION, 3 DECK, SILVER PLATED CONTACTS, 2 1/2x2 1/4" SHFT. M-548-6083 NEW \$5.00

ROTARY SWITCH 10 POLE, 4 POS. 5 DECK. 3 1/2x1 1/2. RM-39/31.9 RE-MOVED \$1.00

ANTENNA COUPLING SWITCH, 6-POSITION, 1-POLE. 2-3/8" dia. Ceramic, bar knob. Removed, \$3.95




ONE DECK/ONE POLE 12-POSITION ceramic rotary switch with stop. 1 1/2" dia. #3Z9825-62.178, \$1.25 ea.

GE CERAMIC POWER SWITCH, two deck; 4 break/3 make. 4"x2" dia. #G1/407, \$1.95

DAVEN SWITCH

18-POSITION, CONTINUOUS TURN, 2" dia. Zinc-silver contacts. 2 1/2" dia shrt. #3Z9825-92.2
Unused, \$3.00




TWO ON/OFF SWITCHES ON ROTARY WAFER, 2 DECK, POLE 2,5 POS. #333-9774 \$1.00

ROTARY SWITCH, BAKELITE WAFER, 1-POLE 11-POSITION, 1 1/2x1 1/2 3Z9825-92.3 50¢


ROTARY SWITCH, SINGLE GANG 4 CIRCUIT WITH 2 CONTACTS FOR EACH. DIA. 1 1/2"x 1". 3Z9827.34 59¢ 2 FOR \$1.00

ROTARY SWITCH SINGLE 17 CONTACT DECK, ONE TIE DECK DIA. 2 1/2x1 LANS. SW-942-249
REMOVED, \$1.25 EA.

ROTARY ACTUATOR
WILL OPERATE FROM 12-28 VDC, 12 POS ITION, 30 DEGREES EA.
2 1/2" SHAFT AND RODS FOR MOUNTING WAFER SWITCHES. MOUNTING 2x3 1/2" H. WT: 1 LB. #MX167869G1 \$1.50



ANTENNA CIRCUIT SWITCH 100 WATT 3/MAKE 3/BREAK SIZE: 4 1/2x2 1/2 IN. #3Z9626 \$2.50



ROTARY SWITCH, BAKELITE WAFER; 2 DECK, 5 POSITION, 1 POLE MOMENTARY 5 POS. 2x2 x2 SW-145 39¢ EA 3/\$1.00


CERAMIC ROTARY SWITCH, TWO DECK; 1-POLE 4-POS./DECK. 1 1/2" DIA. ACE#2-1P4P, \$1.50

Parts Kits


DISC CERAMIC CONDENSERS 33 ASST. 15MMF-.61MFD. Good Value \$1.25 a KIT



WIRE ASST. Six 25 FT. COILS; INSULATED. TINNED-COPPER, \$1.50




MICA CONDENSERS 25 ASST. 10 MMFD To 6800 MMFD. \$1.00 a KIT




TRIMMER CONDENSERS 25 ASST. 3 TO 280MMF WIDE RANGE \$1.00 KIT.




RESISTORS INSULATED ON BOARDS 50 ASST. 1/2, 1 & 2 Watt wide range of good values 50 ASST. \$1.50




RESISTORS WIREWOUND 25 ASST. 5 to 20 Watt. Wide range of values some tapped. 25 ASST \$1.00



VOLUME CONTROLS 10 ASST. Popular Values \$1.00




TUBE SOCKETS 20 ASST. Octals Loctals Minatures Wafers etc \$1.00




PILOT LIGHT SOCKETS 25 ASST. Bayonet Screw etc. \$1.00



TERMINAL STRIPS, Tie lug strips, ASST types, 25 for \$1.00



TERMINAL LUGS, ring spade, crimp types. Wide variety of sizes for all uses in clear plastic box. APPROX. 200 PCS. \$1.50




ROTARY SWITCHES ORDER NOW 6 for \$1.00



BATHUB CONDENSER KIT 1 MFD. to 1 MFD. up to 600 Volt. 10 for \$1.00



HARDWARE KIT NUTS, WASHERS SCREWS, RIVET GROMMETS ETC. 1 1/2 LBS. \$1.50



COMPUTER GRADE



COMPUTER GRADE CAPACITORS OUT OF EQUIPMENT GUARANTEE

MFD	VDC	SIZE	PRICE
900	165	2x4 RD.	\$1.00
100	250	1 1/2x2 1/2	1.25
1400	99	2x4	1.00
1500	52.5	2x4	1.25
12000	11	2x4	1.25

ABOVE, IN LOTS OF 6, 20% OFF.

MICA CAPAC- MFD WVDC CM ITORS used .01 600 55 in RF power .0062 1200 55 circuits. .022 1200 60 JAN CM-size .00047 2500 55 less than .005 2500 55 1 1/2x1-3/8. .006 2500 55 \$1.25; 5/8. .01 2500 45

ELECTROLYTIC & PAPER 1000 UF 30 V; ELECTROLYTIC, 7/8x2 1/2, KSI9658, 89¢

100 UF 350 v/40 UF 300 v; ELECTROLYTIC, 1 1/2x3 1/2, \$1.00

80/40/20 UF 150 v; 1x3 PAPER TUBULAR, 59¢

40/40 UF 150 v.; 1x2-1/8 PAPER W/BACKET, 59¢

150 UF 200 v.; 1 1/2x3 1/2, 59¢
140 UF 300 v; 1x4 PAPER 59¢
40 UF 450 v; 1x2 1/2 PAPER 89¢

40 UF 25 VNP 2x3/8 TANT 65¢
47 UF 20 v; 2x2 1/2, TANTA, 65¢
.022 UF 200 v; 1 1/2x2 1/2, 10% 20¢
450 UF 25 v; 1 1/2x1 1/2 AXIAL 75¢
10 UF 25 v; 1 1/2x2 1/2, TEMPLE 30¢
1.5 PF CERAM. FEED, 1/2" 6/\$1

RESISTORS

3/5 W, 20¢ EA; 10/25 W, 30¢
EMITTER RESISTORS

0.5 OHMS 10 WATT, WW
3.0 " 10 " " "
2.0 " 10 " " "
2.43 " 3 " " "
24 " 5 " " "
70 " 5 " " "
100 " 5 " " "


BLEEDER RESISTORS
700 OHMS 10 WATT, 5%
3900 " 25 " " FERRULE
1000 " 25 " " WW
15K " 10 " " "
15K " 3 " " "
100K " 3 " " CERAMIC

1.6 OHM 220 W, 5%, \$1.50
0.05 " 105 W, 5%, 4x1, \$1.

PRECISION RESISTORS
5K OHMS + WATT, 0.1%, 60¢
7.5K OHMS, 0.333 WATT, 0.25%, WIREWOUND, 40¢ EA.
28K OHMS 1/2 WATT, 0.05%, WIREWOUND, 40¢ EA.
55 MEGOHMS, 10 WATT, 1%, DALE WIREWOUND, \$1.00 EA.

DALE PRECISION POWER RES. 100 WATT (3x3x1 1/2) IN VALUES: 45n (3%), 120n (1%), 450n (1%), 1400n (1%), \$2.50
250 WATT (4x3x2 1/2) IN VALUES 160n (3%), 600n (1%), \$3.00
250 WATT 1 OHM (5%), \$4.00

RESISTORS, PRECISION 25 ASST. ON BOARDS. WIRE WOUND OR CARBON 1% OR BETTER GOOD VALUES. \$1.00
50 TINY CAPACITORS SELECTED TINY ASST PAPER & CERAMIC X GOOD VALUES. \$1.50



MINIMUM ORDER \$5.00

Power Transformer Filament Modulation Microphone Chokes

HIGH VOLTAGE TRANSFORMERS

PRI	HZ	SECONDARY	SIZE	WT	STOCK #	PRICE
117v	60HZ	375v 40MA 2/6.3	.6A 2 1/2 x 4 1/2	2LB	#24003	\$3.95
115 V	60	720 VCT 185 MA; 2/5 V 3 A; 2/6.3 0.6 A; 6.3 V 9.6 A	5x6x4 1/2	11	UX8262	\$5.95
115	60	350 CT/25 MA 5/3.0 A	2 1/2 x 3 1/2 x 3	4	647-6762	3.95
115v	60HZ	60VCT 1 AMP. 2 1/2 x 3 x 2 1/2		2LB	#3464936	\$2.95
115 V	60	880 VCT 260 MA; 4 1/2 x 5 1/2 x 4		10	0R0-7629825	\$6.95
115 V	60	510 VCT 80 MA; 6.3 V 3.8 A; 6.3 V 1.2 A	4 1/2 x 3 1/2 x 4 1/2	10	N1774922	\$4.95
115	60	110v 100MA, 50VCT 1.5A	4 1/2 x 3 1/2 x 3 1/2	10	KAL#2334	6.95
95-260 V	8-STEPS	175 VCT 150 MA; 6.3 V 6.3 A; 5 V 3 A; 12 V 0.6 A	4 1/2 x 5 1/2 x 4 1/2	15	Z29608-12	4.95
115	60	820VCT, 120MA. 5.0V 2A	4 1/2 x 4 1/2 x 4	10	0#7629831	6.95
120	60	750VCT, 12MA, 6.3 3x3 1/2 x 4		7	Z29613.28	4.95
115v/60HZ		405VTAPS/5v2A/400V10MA/350V70MA. 6.3/4A/6.3V.6A	4x5 1/2 x 4; 12LB		#3C1538	\$4.95
115-132	60	375 TAPPED 300 2 1/2 x 3 1/2 x 2 1/2		3	821-4954	3.95
120	60	6.4/1A 3/6.4V.3A 2 1/2 x 3 x 2		1	645-0612	2.25
115	60	27V4.3A/2.6V3A. 5x5x5		15	D161915	9.95
115/60HZ		360VTAPS/7/332/346V.125MA 228V.015				
105-125	60	6.6VCT 4.2A 4x5x3 1/2; 12LBS.#7489394				\$3.95
105-125	60	6.3/8A/3A/1DA 4 1/2 x 6 x 4		15	827-2133	9.95
115/230 V	50-60 Hz	800 VCT 120 MA; 5x5 1/2 x 4 1/2		20	KS-9779	6.95
115/60HZ		700VCT .050A 5V3A 4 1/2 x 3 1/2 x 3; 9 LBS#TF1A03Y				\$3.95
115 V	60 Hz	650 VCT 20 MA; 6.3 VCT 2.5 A	3 1/2 x 2 1/2 x 4 1/2	10	#8734	\$2.95
115 V	60 Hz	2300 V 5 MA; 2.5 V 2 AMPS.	3 1/2 x 3 1/2 x 4 1/2	10	#8761	\$4.95
115 V	50 TO 2400 Hz.	990 VCT 71 MA; 6.5 VCT 5.4 A	3 1/2 x 3 1/2 x 4 1/2	12	#3259	\$7.95
115	60	302 @ 100MA 287 @ 50MA	3 1/2 x 3 x 2 1/2	5	899-4680	\$3.95
115/230	50/60	660CT@60MA 50/60 CY 6.3 @ 5 A (FOR TG-34 KEYER)	RD3x4 1/2	8	Z29608-110	5.95
115	60	150v @ 500 MA. 6.3V @ 3A, 6.3V @ 1A.	3 1/2 x 4 1/2 x 4 1/2	11	T127J387	5.95
115	60	510VCT @ 100 MA.	3x4 1/2 x 3 1/2	7	Z29612.21	3.95

LOW VOLTAGE TRANSFORMERS

PRI	HZ	SECONDARY	SIZE	WT	STOCK #	PRICE
115v	60HZ	6v/1A 45VCT/.5A	3x2 1/2 x 2 1/2	2LB	#1461312	\$2.95
115v	60	5.7 v. @ 21.8A	4 1/2 x 4 1/2 x 2 1/2	11LB	243-5754	\$9.95
230 v						
115	60	5/22 A 8500mw	5 1/2 x 9 1/2 x 4 1/2	4	645-6946	12.95
120v	60 Hz.	12.8vct 6A.	5 1/2 x 4 x 3 1/2	14LBS	583-1045	\$6.95
120	50/60	6.3v @ 27 A.	5 1/2 x 4 x 5	20	N284096-1	9.95
117v	60HZ.	10VCT 8A. 2000T	3 1/2 x 3 1/2 x 4	8LBS	257-1629	\$5.95
115	60	6.5ct @ 24A, b.5ct @ 1A, TWO 6.5ct @ 6A.	6x5x4 1/2	20	647-6219	8.95
112	58/120	6.4v @ 24A, 6.4 @ 6A	5 1/2 x 5 x 3 1/2	20	TFIRCO1B	8.95
115	60	6.4v @ 2.5; 6.4 @ 2A				
115v	60 Hz	6.3VCT 1A.	2 1/2 x 1 1/2 x 1 1/2	8oz.	#118667	\$2.95
115	60	TWO 30 CT/15MA 6.3/4.0 A	2 1/2 x 2 1/2 x 3	5	648-4774	4.95
115v	60Hz.	5v 5A 1.5v 200MA	3 1/2 x 3 1/2 x 3	8LB	#M-1018A	\$2.95
115	50-400	34/2.7 A 3.0/250 MA	4 1/2 x 4 1/2 x 4	14	853-6026	\$4.50
115	50/60	51 @ 1.5 A	RD.4x2 1/2	6	869-2849	\$4.95
120v	6	3/6.3VCT .6A	2 1/2 x 3 1/2 x 2 1/2	1LB	TF1A01YY	\$2.95
125		8.5 TAP 3.5V 1A				
117	60	31V @ 3.27A, 15.5V @ 5.1A, 23VCT @ 2.1A.	5 1/2 x 4 1/2 x 4 1/2	10	5950-9195	\$3.95
215 V	60 Hz	2.5 VCT 10 A.; 24v @ .85 A.	4 1/2 x 3 1/2 x 3 1/2	12	#2253	\$2.95

ISOLATION



ISOLATION 780 WATTS
PRI: 95/120/190/240
SEC: 115 50/60 HZ
4 1/2 x 5 1/2 x 6; 20 LBS.
GE-9T56Y6331G7
\$16.95

SOLA ISOLATION
PRI: 118 SEC: 118
60HZ 50 WATTS
CONSTANT VOLTAGE
3x5x4; 10 LBS.
SOLA No. 21-197
UNUSED \$14.95

SOLA ISOLATION
PRI: 95-130 V 60
SEC: 118 100 WATT
CONSTANT VOLTAGE
5x8x3 1/2; 15 LBS.
SOLA No. 22-397
USED \$20.00



AUTO-TRANSFORMER
110/220/440 50/60HZ
250 WATTS WITH DUAL
CIR. BRK. DPDT 110V
RELAY 10A CONTACTS.
10x6x5; 16 LBS.
#002461701 \$8.95



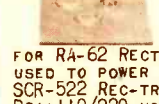
PRI: 110/115/120V.
50-60 CYCLES
SEC: 3500VCT.
.230 A.
8 1/2 x 7 1/2 x 8 WT: 65LBS
#5950-715-9350
PRICE: \$19.95



PRI: 115
V 60 Hz
SEC: 730
VCT 230
MA;
5 V 3 A.
5-1/8x5 1/2
x4-1/8; 16 LBS.
#193-8504, \$7.95



PRI: 115V
60 CYC
SEC: 2 v.
30 AMP
3x3x4; 4LB
5950-829-8618 \$2.95



FOR RA-62 RECTIF.
USED TO POWER
SCR-522 REC-TRANS
PRI: 110/220 VOLT
40-60 CYCLE
SEC: DC VOLTAGES
300 @ 230 MA
BIAS 150 @ 8"
13.4 @ 3.9 A.
5x5x8; 30 LBS.
#3340-296-862-192
PRICE: \$7.95

ART-13 MODULATION

ART-13 MODULATION
TRANSFORMER 50 WATT
300-4000 RESPONSE
± 2DB, PRI. TO SEC.
1; 1/.695, PRI. TO
SEC. 2, 1/.254, Z
PRI. 15000 Z SEC. 1
7300, TEST 4000 v.
4 1/2 x 3 1/2 x 4 LBS.
COLLINS#677N252
RE-MOVED \$3.95



PRI: 115 v. 50/60
SEC: 3/17 v. 5 AMP
28 v. 10 "
WITH CAPACITOR
REQ. VENTILATION
4 1/2 x 5 1/2 x 7 1/2; 20 LBS.
GE-9T91A4074
\$14.95

PRI: 115 v. 50/60
SEC: 100 VCT 1.5A
20 " 3.0A
2/20 v. 3.0A
35 v. 5.0A
WITH CAPACITOR
REQ. VENTILATION
5 1/2 x 6 1/2 x 7 1/2; 23 LBS.
GE-9T91A4069
\$12.95



MODULATION
TRANSFORMER
WATTS: 40
RES. IMPED.
PRI: 113 OHM 5700
SEC: 72 " 2280
FOR 2/807 TUBES
3 1/2 x 2 x 3 WT: 3LBS
#22K9634.21
PRICE: \$3.95



MODULATION TRANSFORMER
100 Watt
RESPONSE 200 to 5000
PRI: 7000 SEC: 7000
F/BC-191/375 TRANS.
size 3x4x5 WT. 5 1/2 lbs.
stock # 262191/TL
Price \$2.95



100 WATT
MODULATION
TRANSFORMER
PRI: 7500 OHM CT
30,000 "
SEC: 3000 OHM
35W 200 MADC
600 CT. 1 W
RMS TEST
1, 2, 3 500 v.
OTHERS 2500 v.
200-3500 CPS.
4 1/2 x 4 x 4; 11LBS
#5950-646-3092
PRICE: \$4.95

TRANSFORMERS LISTED BELOW HAVE 115 VOLT 60 HZ PRIMARIES UNLESS OTHERWISE STATED

PRI: 115 VAC 60 Hz
SEC: 500 VCT 125 MA;
6.3 V 1.5 AMPS
SIZE: 2 1/2 x 3 1/2; 3 1/2 LBS.
URC#8316132, \$3.95
#43278
SEC: 40V 2.5A/6.3V 1.5A
3 1/2 x 3 1/2 x 5 1/2; 10 LBS.
#43278 \$4.95

SEC: 125 v. 500 MA.
6.4 v. 3 A.
SIZE: 3 1/2 x 3 1/2 x 3 1/2; 5 LBS.
URC#46070-16 \$4.95

SEC: 200 v. 500 MA.
SIZE: 3 1/2 x 5 1/2 x 3 1/2; 10 LB
URC#K508055491 \$3.95

SEC: 450 VCT 250 MA.
40 VCT 1 A, 2/6V 1A
SIZE: 3 1/2 x 3 1/2 x 2 1/2; 9 LBS.
URC#702-704-00 \$6.95

SEC: 50V @ 100MA/3V @ 100
MA/40V @ 1.5A/40V @ 200MA
SIZE: 2 1/2 x 2 1/2 x 2 1/2; 2 1/2 LBS.
URC#372993-1 \$3.95

22 VCT 75 A
PRI: 115 VAC
60 Hz
SEC: 22 VCT
75 AMPS
5 1/2 x 6 1/2 x 6 1/2; SH
WT: 46 LBS.
#NCR8318001, \$35.00

24 V. 4 A.
PRI: 115 v. 60 Hz.
SEC: 24 v. 4 AMPS.
3 1/2 x 3 1/2 x 3; 5 LBS. NEW
#CARSON-4892 \$4.95

24/30/56 VCT
PRI: 115/230 v. 60 Hz
SEC: 24 VCT @ 3 A. 30
VCT @ 3 A. 56VCT 3A.
SIZE: 4x3x3 1/2; 12 LBS.
HAMMOND#U45797-2 \$9.95

PRI: 115 V 47-420 Hz
SEC: 3/120 VCT 120 MA;
115 V 50 MA;
16 V 15 AMPS
SIZE: 4 1/2 x 5 1/2 x 3 1/2; 10 LBS
#9525, UNUSED, \$9.95

PRI: 105/115/
125 V 60 Hz
SEC: 460 VCT
255 MA;
5 VCT 3 A;
12.6 VCT 3 A
SIZE: 6 1/2 x 4 1/2 x 4 1/2; 16 LBS
#HE-131P, USED, \$5.95

PRI: 115 VAC 60 Hz.
SEC: 500 VCT 400 MA
TAPPED ONE SIDE AT
50, 75, 120, 175 V.;
12.6 VCT 3 AMPS.
SIZE: 4 1/2 x 3 1/2 x 4 1/2; 15 LBS
#84103AD1, NEW, \$9.95

PRI: 115 VOLT 60 Hz.
SEC: 130 VCT @ 200 MA
SIZE: 3 1/2 x 2 1/2 x 2 1/2; 2 LB
URC#8316423 \$2.50

PRI: 115 VOLT 60 Hz.
SEC: 60 VCT 12 AMP.
50 VCT 3 AMP.
SIZE: 5x5 1/2 x 4 1/2; WT: 18LB
NCR#0078318903 \$12.95

PRI: 130 v. 60 Hz.
FOUR PRI. TAPS.
SEC: 80VCT @ 5A. CONT.
INTERMITTENT 9 A.
WITH 2 REGULATING CAP.
SIZE: 7x4 1/2 x 5 1/2; WT: 34LB
REG#6123472 \$9.95

SEC: 175 vct 100 MA.
75vct 200 MA. 80 vct
100 MA. & 5 v. 200 MA.
SIZE: 3x2 1/2 x 2 1/2; 2 LBS.
URC#720660-1 \$2.95

SEC: 60 vct 1 A.
6.3 v. 100 MA.
SIZE: 3 1/2 x 2 1/2 x 2 1/2; 2 LBS.
URC#55-28224-1 \$2.95

SEC: 40 vct 1 A.
SIZE: 3 1/2 x 1 1/2 x 2; 1 1/2 LBS.
URC#56000 \$2.95

SEC: 24v2A/6.3 @ 100MA
24 @ 100MA. SIZE: 3 1/2 x 3 x 3
4 LB. URC-LT-646 \$4.95

SEC: 30 vct 200 MA.
45 vct 100 MA. 2.5v30M,
SIZE: 2 1/2 x 1 1/2 x 2; 1 LB.
URC#374501-1 \$2.95

SEC: 40VCT: 2A/40V2.15A
24.5V/1A/14.2V.4A/117
V.05A 3 1/2 x 4 1/2 x 3; 10 LB
#9807 \$6.95

SEC: 520VCT 30MA/6.3V
2A. 3 1/2 x 2 1/2 x 2 1/2; 3LBS.
5950-646-5586 \$2.95

12 VDC 30 A.
PRI: 115 VAC 60 Hz.
SEC: 24 VCT 15 AMPS OR
12 VDC 30 A FULL WAVE
RUNS HOT; VENTILATION
REQUIRED. 4 1/2 x 4 1/2 x 3 1/2;
14 LBS. SH. NEW.
#PR-6412-R, \$14.95

22 VCT 3 A.
90 VCT 1.5 A.
PRI: 100, 115 v. 60 Hz.
SEC: 22 VCT @ 3 AMP.
80 VCT @ 1 1/2 "
SIZE: 3 1/2 x 3 x 4; WT: 8 LBS
#3S92890015 \$4.95

200 VA SOLA CONSTANT
VOLTAGE TRANSFORMER;
PRI: 95/175/190 to
130/235/260 VAC
SEC: 118/236 VAC
17/8.5 AMPS
20x9x10 1/2; 160 LBS. SH
#23-25-220, USED \$250.

PRI: 110/115/120v 50/60
SEC: 720 VCT. 200 MA
6.6 " 10 AMP
12.6 v. 3 "
5.25 v. 3 "
5x5x4 1/2; 20 LBS.
5950-193-8679 \$12.95

PRI: 115 VOLT 60 Hz.
SEC: 35 vct @ 1 AMP.
6 v. @ 300 MA.
SIZE: 2 1/2 x 3 1/2 x 3; WT: 3 LB.
URC#1341155-2 \$2.50

PRI: 115 VOLT 60 Hz.
SEC: 45 v. @ 500 MA.
6 v. @ 500 MA.
SIZE: 3 1/2 x 2 1/2 x 2 1/2; WT: 2LB
URC#203A6725-10 \$2.50

PRI: 115 VOLT 60 Hz.
SEC: 115 " TAPPED
@ 65 " 1 AMP.
SIZE: 3 1/2 x 3 x 3; WT: 3 LB
URC#105P10 \$3.95

SEC: 500VCT 35MA/24V.9A
6.3V.9A/6.3V .3A/4LBS.
3x3x3 1/2; #RM13-317 \$2.95

FAIR 818 TRANSFORMER

PRI: 115 VOLT 60 HZ.
SEC: 500 VCT. 80 MA.
24 v. 2 A.
5 " 3 A.
2 1/2 x 3 1/2 x 2 1/2; WT: 3 1/2 LB.
MADE FOR REC.
BC-603-683,
COMMAND, ARR15
ARB & OTHERS
PRICE: \$10.75



PRI: 115 v. 60Hz
SEC: 1500v 300MA
TAPPED 400 v.
4 1/2 x 3 1/2 x 4 1/2; 16LBS.
#J-6035, \$12.95



PRI: 115 V 60CYC
SEC: 850CT 280MA
280CT 10MA
5 v 5 A.
6.3 v 600MA
36 v 5 A.
5 1/2 x 5 1/2 x 7 1/2; 28 LBS.
#5950-646-3943
\$6.95



PRI: 105/115/130/
145/160/180/200/
225/250 v 25-60CYC
SEC: 780VCT @ 65MA.
2.5 v @ 2 AMP
6.3 v @ 4 "
5 1/2 x 5 1/2 x 4 1/2; 13 LBS.
Z29619-4 \$2.95

AUTO-TRANSFORMER 0-107-115-122-210-230
-250 V. 60HZ 1.5KVA
W/ON-OFF SW. 3 SLO
BLO FUSES & INDICATORS
5x13x7 1/2; 40LB. KS2833 \$15.

PRI: 220, 230, 240
SEC: 14V @ 5A
20V @ 5A
4x4 1/2 x 5 1/2; WT. 12 LB
CS8779A \$5.95

PRI: 115 VOLT 50/60 HZ
SEC: 230 V 2.2 A. 4ADC
HALF WAVE. SIZE: 6x5 1/2 x 7 1/2;
35 LBS. FGC-29/7F1A03YY \$12

PRI: 0/116/120/124V. 60CY.
SEC: 126V. 1.1A.
114V. 1.0A.
TF4RX01YY
8 1/2 x 5 1/2 x 4 1/2 .27 LBS.
K95-1476 \$7.95

CHOKES

140 HY @ 5v. 60HZ. 10MADC,
2700 OHMS, 2 1/2 x 2 x 3 1/2, 3 LBS
#HA-81C \$2.95

10-22HY @ 40MA, 475OHM, 1 1/2 x
2 1/2 x 1 1/2; 1LB. #3C570 \$2.00

20 HY. 50 MA. 375 OHMS, 3x
2 1/2 x 2; 1LB. #3340-6428 \$2.25

10 HY. 50 MA. 100 OHMS. 3x
2 1/2 x 2; 1LB. 3C573/341 \$2.00

17 HY. 80MA. 300OHMS. 2 1/2 x
2 1/2 x 2; 1LB. HRO-3C326-31A \$3.

8 HY. 100MA. 160 OHM; 3 1/2 x
2 1/2 x 2; 3LB. TR-1024 \$3.00

10 HY. 100MA. 263 OHM. 3 1/2 x
3 1/2 x 2; 3LB. #228-1859 \$3.25

10 HY. 120MA. 200OHM. 3 1/2 x
2 1/2 x 2; 3LB. TF1A04YY-RD60 \$2

150 MA AVAILABLE VARIOUS
HY TELL US YOUR NEED.

12 HY. 210MA. 50 OHM. 5x6x
4; 14 LBS. 3C316-33 \$3.00

5 HY. 400MA. 60 OHM. 4x5 1/2 x
4; 12 LB. L217432-1 \$5.00

TELE. REPEAT

4 WINDINGS 21 OHMS EACH.
CROSS-TALK PROOF SHELL.
3C1327A 6x2 1/2 x 4; 3LB. \$3.00

4 WINDINGS, AUTOMATIC ELEC
#D281723B 3 1/2 x 2 1/2 x 2; 2 LBS.
3C1400-6 \$2.75

10,000 VOLT

AMP P/N 845321-3
PRI: 115V 60HZ.
SEC: 10,000VAC/100MA
5x5x4; 10LBS. \$20

SCOPE XFORMERS

PRI: 115 VAC 60 HZ-535 WV
SEC: 1850 V 7.1 MA RMS
Two 2.5 V 3 AMPS
5.71 KV WVM.
Size: 3 1/2 x 3 1/2 x 6 1/2; 9 LBS. SH.
#K56J54, UNUSED, \$7.95

PRI: 112/117/122V. 60 HZ.
SEC: 228V @ 15 MA.
360V @ 125 MA. TAPPED
@ 7V/332/346
6.6 V. 4.2 AMP.
5x3 1/2 x 3 1/2; 8LB. 279613-869 \$5

PRI: 115V. 50 TO 1200 HZ.
SEC: 700VCT @ 70 MA. TAP. 65
400V @ 10MA 5W/2 A.
6.3V @ 4A. & 6.3 V @ 1.6A.
5 1/2 x 4 x 4; 10 LBS.
CAJF-301538 \$4.95

PRI: 115/230 VOLT.
SEC: 54.4vct 2.5A
37.5vct 7.8A
36.5vct 2.3A
6 1/2 x 5 1/2 x 4 1/2; 20 LBS.
SCHOTT TY4RX020A
\$12.95

PRI: 117v 50/60
SEC: 6500vct
65MADC, 4350WV
5 1/2 x 6 1/2 x 7 1/2; 35LBS
539-6504 \$25.00

REFERENCE TRANSFORMER
PRI: 120 V. 55-65 HZ.
SEC: ALL IN BRACKETS
ARE SEPARATE WINDINGS
(2/30VCT) (2/1VCT)
(2/2) (1/9 & 1/1) (2/3
& 1/1) (1/38) (1/1) (2
2/7) (3/9) (4/17) (1/1
2/4) (2/13) (3/13) (2/3) (3/5)
(6/2) (78) END. 8x7x5"; 30LBS.
648-3793 \$20.00

1.5 HY 1.5 AMP
5000 V. TEST
8 1/2 x 8 1/2 x 6 1/2;
SHPG. WT. 60 LB
5950-159-6041
\$14.95

10 HY 375 MA
100 OHMS
2500V. RMS 60HZ
5 1/2 x 4 x 4; 10 LBS.
BENDIX #L217210
-1 \$5.95

CHOKES
LOW VOLTAGE
HY UNKNOWN

LEEP6580
3 AMP. \$1.95

LEEP6433
9 AMP. \$3.95

SIZE: 2 1/2 x 3 x 2 1/2;
3 LBS.

6.3 HY @ 6.24A.
61 OHM; 3 1/2 x 3 1/2;
#814-2421 \$3.95

12-15 HY 250 MA
@ 10 V 60 HZ.
L30 OHMS 2500 V
TEST. 5 1/2 x 4 x 4;
10 LBS. CHICAGO
#5351, \$5.95

20HY 200MA
151OHM 60HZ
5360V MAX. V
5 1/2 x 4 x 3 1/2; 8LB
557-6198
\$15.00

3.5 HY 500 MA
100 V. 60 CYC
30 OHMS 715WV
4x5 1/2 x 3 1/2; 10 LBS
TF1A04KA/A8649
\$2.95

11 HY 120 MA
3 1/2 x 3 x 3 1/2 6LBS.
#13639-S \$1.95

5.0 HY AT 10
60 CYC 400 M
RES: 50 OHM
SIZE: 6x4 1/2 x 4
WT. 13 LBS.
#3521746 \$7.00

10 HY 225MA
85 OHM
3 1/2 x 5 1/2 x 5
WT. 11 LBS.
#TF1RX04YY
\$3.95

PRI: 115 VAC 60 HZ
SEC: 550 VCT 200 MA,
5 V 2 A; 6.3 V 3 A.
4x5 1/2 x 4 1/2; 15 LBS. SH.
#K-44J208, \$6.95

DUAL CHOKE
11 HY 100 MA
200 OHMS
4x4x5; WT 8
#3C557F-1
\$1.75

11 HYS 500MAD
55 OHM 60 HZ.
3930 WV PEAK
7x5 1/2 x 5 1/2; 20LB
UTC#D-3227\$10
#248-1700 \$10

10 HYS 500 MA
45 OHM DC RES
500 WORK VOLTS
#5950-646-1383
\$5.95

CHOKE; 2.5 HY
700 MA; 16
OHMS. SIZE:
5x4-3/8x4 1/2;
SM WT: 17 LBS
#147-1340,
\$3.95

PRI: 115 VAC 60 HZ
SEC: 280 VCT 75 MA; 13.5 V
1.2 AMPS; 5 VCT 3 A.
SIZE: 4 1/2 x 3 1/2 x 4 5/8; 16 LBS.
#193-8767 \$3.95

PRI: 120V 50-60 CYC
37 VA
SEC: 5VCT @ 2A
6.3V @ 1A
5VCT @ 4A
3x3 1/2 x 5 WT. 7 LB
BENDIX #L217336-1
PRICE: \$3.95

REACTOR FILTER CHOKE
INDUCTANCE 3 HY. RES. 30
OHM, 350 MA DC 2000 V PK.
SIZE: 3 1/2 x 4 1/2 x 2 1/2; WT: 6 LBS.
L-225/PP-115 \$2.50

PRI: 117V 50-60 CYC
SEC: 3/5V CT @ 2A
2/5V CT @ 2A
2/2.5V @ 10A
7x4x3 1/2 WT. 12 LB
GILFILLAN #54148-1
PRICE: \$5.95

PRI: 220/230/240V
50-60 CYC
SEC: 2.5V CT @ 10A
5 1/2 x 3 1/2 x 3 1/2; 6LBS
5950-648-4773
PRICE: \$2.95

IGNITION TRANSFORMER
PRI: 230V 50/60 CY
SEC: 5000V 18 MA
ONE END GND.
6x4 1/2 x 3 1/2; 12 LBS.
5950-959-5369 \$7.95

FILTERS

ANTIQUE

MIGNON REGAL
TONE FILTER
HIGH PASS 40 HZ
APPROX. 600 OHM
INPUT W/0.8 MFD
CAP. TO 600 OHM
SPEAKER. 6 OZ.
SIZE: 2 1/2 x 3 1/2 x 3 1/2
AGE WORN \$1.95

SONGBIRD TONE FILTER; LOW
PASS, OUTPUT DECREASING
ABOVE 1000 HZ.; INPUT RESIS
DC 1400 OHM, OUTPUT RESIST-
ANCE DC 1500 OHM. AGE WORN
SIZE: 2 1/2 x 3 1/2 x 3 1/2; 6 OZ. \$1.95

BAND PASS FILTER
27.8 TO 30.8 KC..
OPER. FREQ. 29.3
KC, INPUT IMP. 200
K OHMS OUTPUT 100
K OHMS. 274376.28
4 1/2 x 5 1/2 x 3 1/2; 3LBS. \$2.95

DAVIS DIMMER
AUTO TRANSFORMER
230 VOLT 60 CYCLE
1 PHASE WITH 5
48 VOLT
CIRCUITS THAT
CAN BE VARIED 0-
48 V. MAX. 20 A.
TOTAL.
SIZE: 10x10x7;
SHPG. WT: 90 LBS
#GR-3 \$19.95

TRANSFORMER WITH
METER 0-100 AC
AMPS.
PRI: 115 VAC 60CY
SEC: 10/14/19/24
W/ON-OFF SW. AND
FUSED LINE. 140 LB
SIZE: 16x8x15 1/2;
5950-537-4950
PRICE: \$39.50

PRI: 115 v. 60 CYC
SEC: 150V. 550 MA
150V. 2.0 AMF
5.0V 5.0 "
6 1/2 x 6 1/2 x 4 1/2; 28 LBS.
5950-
5950-481-3482
\$6.95

PRI: 120 V
60 CYCLE
SEC: 5.4V/2.7V
@15A
5VCT
@15A
WITH
INSUL-
LATOR
& TUBE SOCKET C6
5x5 1/2 x 15 LBS
5950-353-5572
\$14.95

CHOKE
0.9 HY. 120 rZ.
0.8 TO 1.0 A D-C
650 V. 8.5 OHM
4 1/2 x 5 1/2; 10 LBS.
645-1233 \$4.95

.045 HY 3.4 A D-C
.24 OHMS, 65V MAX
120 HZ. 3 1/2 x 4 1/2 x 3 1/2;
11LB. 4619 \$4.95

SWINGING CHOKE, .48 HY 100
MA MIN.; 5.5 HY 600 MA MAX.
10.6; 1500 V RMS. 4 1/2 x 3 1/2
x 4 1/2; 14 LBS. #4547, \$4.95

30/8 HY 10/130 MA DC CHOKE;
500 V RMS RIPPLE, 150 OHMS;
1200 WV. SIZE: 3x4 1/2 x 3 1/2;
10 LBS. SH. #969-5721, \$2.95

VARIABLE TRANSFORMERS

LUXITROL VAR-
IABLE TRANS-
FORMER; OUT-
PUT: 0-120 V
8.3 A. FROM
115 VAC 60 HZ
INPUT. SET IN
STEEL BOX 7 1/2
x 5 1/2; 20 LBS. USED, \$29.95

115 VAC 60 HZ PRIMARIES

VARIAC 200B, 0-135 V. @ 1.0
AMP, USED, \$8.95

POWERSTAT TYPE 10B, 0-132 V
@ 2.25 AMPS, USED, \$11.95

STACO 300BU, 0-140 V. @ 3.0
AMPS, USED, \$14.95

VARIAC V20, 0-135 V. 20 AMP
WITH KNOB, USED, \$45.00

POWERSTAT 236, 0-280 V. 9 A
2.5 KVA OUT; 240 VAC 50 HZ
IN. WILL RUN ON 120 VAC AT
REDUCED CURRENT. ENCASED W/
KNOB AND DIAL. USED, \$45.00

VARIAC M20PB 120 VOLT 350HZ
20 AMP. MOTORIZED 115V400HZ
#5950-089-7734 NEW \$65.00

POWERSTAT 5-1066, 0-3.5 V
@ 2 AMPS FROM 12 V 60 HZ
INPUT, USED, \$2.95

VARIAC 200-CUH, 0-270 V @
2 AMPS FROM 230 VAC 60 HZ
INPUT, UNUSED, \$18.95

VARIAC M-5/RMS11-2, 0-135 V
@ 5 AMPS FROM 115 VAC 400
Hz INPUT, #7486, \$12.95

POWERSTAT, 115V. 400/800HZ
OUTPUT: 0-130V
7.5 AMPS,
0.975 KVA.
#5950-518-
2508, NEW
\$13.95

VARIAC 115 V. 60 HZ. 9 A.
GANGED FOR TWO PHASE MOTCR-
LIZED 115 VOLT 60 HZ.
CN-354/FST-1 USED \$50.00
LESS MOTOR \$45 ONE SEC. \$25

NOTICE
Many other variacs in stock,
60 and 400 Hz. Write to us
about your requirements.

VARIAC OR RHE-
OSTAT CAGE;
SLANT FACE,
8 1/2 x 7 1/2 x 8 1/2
(BASE) AND 1 1/2
DEEP (TOP).
WITH 5 1/2" DIA.
0-100 DIAL PLATE, 3 BANANA
JACKS, RUBBER FEET. GREY.
OHMITE MFG. #6975, NEW, \$10.

PRI: 115 v. 60 CYC
SEC: 150V. 550 MA
150V. 2.0 AMF
5.0V 5.0 "
6 1/2 x 6 1/2 x 4 1/2; 28 LBS.
5950-
5950-481-3482
\$6.95

PRI: 120 V
60 CYCLE
SEC: 5.4V/2.7V
@15A
5VCT
@15A
WITH
INSUL-
LATOR
& TUBE SOCKET C6
5x5 1/2 x 15 LBS
5950-353-5572
\$14.95

CHOKE
0.9 HY. 120 rZ.
0.8 TO 1.0 A D-C
650 V. 8.5 OHM
4 1/2 x 5 1/2; 10 LBS.
645-1233 \$4.95

.045 HY 3.4 A D-C
.24 OHMS, 65V MAX
120 HZ. 3 1/2 x 4 1/2 x 3 1/2;
11LB. 4619 \$4.95

SWINGING CHOKE, .48 HY 100
MA MIN.; 5.5 HY 600 MA MAX.
10.6; 1500 V RMS. 4 1/2 x 3 1/2
x 4 1/2; 14 LBS. #4547, \$4.95

30/8 HY 10/130 MA DC CHOKE;
500 V RMS RIPPLE, 150 OHMS;
1200 WV. SIZE: 3x4 1/2 x 3 1/2;
10 LBS. SH. #969-5721, \$2.95

2-3/8" dia. fits
3/8" shft. w/ptr.
Luxitrol, \$1.50

4" dia. w/ptr. f/3"
dia. shft. Powerstat, \$2.95

3 1/2" dia. wheel w/pointer;
f/3/8" d. sh. Ohmite, \$3.95

4" d. wheel w/ptr. f/11/16"
d. shft. KNOB-35, used, \$3.

7 1/2" DIA. WHEEL-TYPE CONTROL
W/ALUMINUM POINTER; FITS
1/2" SHFT. POWERSTAT, \$5.95

DIAL PLATES, UNUSED.

4" DIA. 0-100 SCALE; 7/8"
DIA. CTR. HOLE, TAKES 3
SCREWS. #BP8087, \$1.00 EA

10" DIA. 0-100 SCALE; 1 1/2"
DIA. CTR. HOLE, TAKES 4
SCREWS. #BP653, \$2.50 EA

POWERSTAT VARIABLE
TRANSFORM-
ER: INPUT
115/230V
50/60 CY
OUTPUT:
30V @ 25A
/15-0-15
35 AMPS

MAX. KVA. 0.75 SIZE: 7x8x5
SHAFT 3/16"; WT: 25 LBS.
POWERSTAT/LW136U USED \$35.

CW-30983 VARIABLE TRANSFORM-
ER ASSY. PRIMARY 115/220/440
VOLT 1 PHASE 60 HZ. SECOND-
ARY 115 V. 1 PHASE 1 KVA.
IN CABINET W/ON-OFF SW. &
FUSED CIRCUITS. SIZE 20x15x5
1/2; WT: 200 LBS.

VARIAC OR RHE-
OSTAT CAGE;
SLANT FACE,
8 1/2 x 7 1/2 x 8 1/2
(BASE) AND 1 1/2
DEEP (TOP).
WITH 5 1/2" DIA.

0-100 DIAL PLATE, 3 BANANA
JACKS, RUBBER FEET. GREY.
OHMITE MFG. #6975, NEW, \$10.

ANTENNAS

MP-22 MAST SECTION MOUNTING BASE WITH SWIVEL THAT WILL TIP TO 90 DEGREES, RIGHT OR LEFT AND WILL LOCK IN THE VERTICAL POSITION. WILL TAKE MS-53 OR MS-54 MASTS AS THE STARTING SECTION. MOUNTING PLATE SIZE: 5x6 HEIGHT OF BASE 10". WT: 10LBS. \$4.95

MP-22A SAME AS ABOVE EXCEPT THE STARTING SECTION IS MS-51 AND YOU CAN ADD MS-50 & MS-49. \$4.75

MAST SECTIONS (SHOWN TO LEFT) 3 FT. TUBULAR STEEL COPPER COATED AND PAINTED. SECTIONS SCREW TOGETHER TO MAKE DESIRED LENGTH W/MS-49 AS TOP, THEN MS-50, 51, 52 & 53. MS-53 CAN BE SCREWED INTO EACH OTHER TO MAKE ADDITIONAL LENGTH. THEN SINGLE MS-54 & MS-55 & MS-56. MS-56 DOES NOT HAVE THREADS AT BOTTOM. SELF SUPPORT TO ONLY ABOUT 15 FT. ALL SECTIONS ARE IN GOOD USEABLE CONDITION AND MAY NEED PAINT MS-49, MS-50, MS-51, MS-52 EACH SEC. \$.50 MS-53, MS-55, MS-56 " " \$1.00 SECTIONS TAPER 5/8 TO 3/16, AV. WT: 2LB. BG-56 CANVAS BAG, 5 COMPARTMENTS FOR 10 OR MORE SECTIONS. \$3.00

ADAPTER BASE WITH INSULATOR, MAST SECTIONS MS-52 OR MS-53 WILL SCREW INTO THE TOP, AND ADAPTER BOTTOM WILL SCREW INTO MS-52 OR MS-53. CAN BE USED TO ISOLATE SECTIONS OF WHIP OR DIPOLE. SIZE: 1 1/2" x 8", 1 1/2" LB. NT-66023 \$1.95

MX-6707 ANTENNA BASE WITH PROVISION FOR MATCHING RADIO SET TO ANTENNA IN 33-70 MHZ RANGE MANUALLY OR ELECTRICALLY. 24 VDC, USED, \$16.95

MP-57 MAST BASE WITH COIL SPRING & LARGE INS. FOR USE W/MS-49 TO 54 MAST SEC. LISTED TO LEFT, 1 1/2" x 4 1/2" IN INSULATOR, REQ. 2 1/2" HOLE MTG. (C-MP-50) \$10

MP-50 BRACKET; MAST BASE USE, MP-48, MP-57 AB-15 ETC TWO SIDED MTG. FOR MAST BASES SIZE 5x5x8; 5LBS \$5

MOUNTING BRACKETS F/AB-15 OR LIKE 2" DIA. ANT. BASE MP-432 SIDE MOUNT, 6x1 1/2 x 4 1/2; 8 LBS SH., \$3.95 #221239-278 "L" MOUNT, 6x 9x5; 5 LBS SH., \$3.00

AB-15 BASE FOR WHIP ANTENNA SECTIONS MS-116-117 118 ALSO AB-21-22-23-24. SPRING ACTION WITH INSULATOR 3 1/2"x3" AND COAXIAL CONNECTOR FOR USE WITH PL-259, REQUIRES 2" HOLE FOR MOUNTING. SIZE 15 x 3 WT: 2 LBS. \$4.95

WHIP ANTENNA MAST SECTIONS FOR USE WITH AB-15. MS-116 IS LARGEST, 39 1/2" L x .393" DIA.; CAN BE STACKED. MS-117 & -118 TAPER 39 1/2" L. MS-116 OR -117, \$2.50/SEC. MS-118 WRITE.

ANTENNA CHANGEOVER RELAY, 12 VDC SPDT, LOW-POWER RECEIVER-TYPE. 2/UG-88 BNC ON 15" COAX & UG-447 BNC; CASE GROUND. #C-586, USED, \$3.

AS-27A/ARN-5 HORIZONTAL FOLDED DIPOLE AS USED WITH RC-103, BC-733, ARN-5 EQUIP. ON AIRPLANES. 108-110 MC \$9.95
AT-2/APN-2 DIPOLE ANTENNA 150-180 MC 2.95
AN-104A STUB ANTENNA F/SCR-522 100-156 MC 1.95

ANTENNA WIRE SOLID COPPER #10 VINYL COVERED, 250 FT #4884C \$25

20" DIPOLE OFF-SET BASE FOR AB-15; OFFSET 7" FROM BASE CONNECTOR. CTR. 1 1/2" H. #2A288A-35 \$7.95
MP-54 OFF-SET BASE FOR AB-15; OFFSET 7" FROM BASE CONNECTOR. CTR. 1 1/2" H. #2A288A-35 \$4.95

VIS-O-GLOW NEON LIGHTNING ARRESTORS, #4392, \$1.00 EA.

MP-73 GROUND PLANE MOUNTING BASE DESIGNED TO BE USED WITH MAST SECTIONS AB-21, 22, MS-116, 117 THAT SCREW TOGETHER TO MAKE DESIRED LENGTH FOR FREQ. REQUIRED. HAS SO-239 COAX. RECEPTACLE AND PROVISIONS FOR MOUNTING TO POLE TREE OR CORNER OF BUILDING. THE MOUNTING HOLES FOR THE VERTICAL ANW. AND THE RADIALS ARE 5/16" DIAMETER. SIZE: 10x15x6; WT: 10 LBS. PRICE: NEW \$9.95
AB-21, 22 OR MS-116, 117



MAST SECTIONS ARE AVAILABLE NOWHERE! MS-51 MAST SECTION SHOWN ELSE WHERE ON THIS PAGE WILL FIT BUT WILL HAVE TO BE FASTENED IN WITH BOLTS AND NUTS TO MAKE A GOOD CONNECTION. THE SAME GOES FOR AN-109 WHIP ANT. AN-109 WHIP ANTENNA 5 FT. TAPERED 1/4 TO 1/8 W/3" SQ. BASE. \$1.50 EA. 4 FOR \$5.
AN-119 WHIP ANTENNA 6 FT. TAPERED 1/2 TO 1/8 THREAD 1/2"x20 \$1.50 EA. 4 FOR \$5.
AB-652 Whip Base f/RT-66-67-68-70 and R-108-109-110: accepts MS-116, 95.00.

AT-272 GOOSENECK BASE 8" USED WITH FLAT ANT. ON PRC SETS. \$1.50 EA.
AT-272 FLAT ANTENNA 30" USED WITH ABOVE BASE FOR PRC SETS. \$1.50 EA.

MP-74 GOOSENECK BASE FOR MAST SECTION AR-23 OR MS-118, 14" LG. WITH SPADE TYPE BRACKET FOR SIDE MOUNTING. \$1.50 4/\$5.
M-422 ADAPTER FOR USING MS-116-117-118 OR AB-21-22-23-24 MAST SECTIONS WITH BC-1000 & PRC SERIES SETS IN THE LONG ANTENNA RECEPTACLE, 7 1/2" LG. \$1.50 EA 4/\$5.

FIBERGLASS WHIP ANT. 82" LG. FOR 27 TO 39 MHZ 1" SC. BOTTOM. (NOT MAILABLE) #9735 \$5.00
UPM-1 DIPOLE ANTENNA FOR USE IN THE 155 TO 235 AND 460-570 MHZ BANDS. BASE STANDS 21" HIGH FOR FLAT MOUNTING ALSO HAS ADJUSTABLE BRACKET FOR POLE MOUNTING.
AT-50 FOR USE IN LOW BAND \$14.95
AT-51 FOR USE IN HIGH BAND. \$14.95

AT-598 ANTENNA TAPERED 30" LG. WITH CAST BASE AND COAX. RECEPTACLE FOR UG-100 A/U CONNECTOR. \$1.50 EA. 4/\$5.00
MATCHING COAXIAL LINE WITH 2/UG-100A ON 14" OF RG-14 \$3.00

AN-20T ANTENNA TELESCOPING 20" EXTENDED, 8 1/2" COLLAPSED, CHROME. 50¢ EA. 5/\$2.00

G01-51048 TELESCOPING WHIP ANTENNA 15" COLLAPSED 7" EXTENDED. \$1.50 4/\$5.

A-62 DUMMY LOAD FOR ANTENNA; USED TO LOAD TRANSMITTERS UP TO 30 WATTS WITHOUT RADIATING FOR USE IN THE FREQUENCY RANGE 21 TO 27.9 MHZ. USED WITH BC-604. SIZE: 3x6; 5LBS. WITH MTG. BRACKET & INSTRUCTIONS. NEW \$4.95

210 TO 620 MHZ DIPOLE AT-880 DIPOLE ANTENNA WITH CORNER REFLECTORS AND TWO FREQUENCY BANDS: 210-420 MHZ (LO) AND 390-620 MHZ (HI). 300 WATTS POWER RATING; LESS THAN 2/1 SWR OVER RANGE. INPUT IMPED: 50 OHMS. ADJUSTABLE ELEMENTS SPREAD FROM 12" L x 7" W TO 21" L x 15" W. DIPOLE STANDS 14" OF MOUNTING BASE. TWO REFLECTORS ARE AT 45° ANGLE TO DIPOLE, 32" HIGH AND 40" ACROSS. FOLDS TO 32x7x30. MOUNTS ONTO 2" DIA. MAST; 35 LBS. SHIPPABLE VIA BUS OR TRUCK ONLY. USED, \$24.95; UNUSED, \$35.00

AB-101 MAST SECTIONS FOR ANTENNA SUPPORT. STEEL MAST 2" OD. 5/8" LG. SWAGED END AND LOCKING DEVICE. SOLD ONLY IN SET OF SEVEN WITH CARRY. WEIGHT 100 LBS. PRICE USED \$50.00
MX-364 INSULATOR, FITS OVER 1-3/8" DIA. MAST OTHER END 1-3/8" OUTER DIA. \$1.95
AB-154 BASE WITH SWIVEL STAKE, 1-3/8" DIA. SLIPS INTO MAST SECTION. \$1.95
MX-857 ADAPTER, FITS OVER 1-3/8" DIA. MAST F/USE OF MS-116-117-118 WHIPS. \$1.95
MX-GUY ROPES ARE 3/16" NYLON, 800 LB. TEST, W/ADJUSTMENT HARD. INSULATOR & HOOK.
MX-382 GUY 31 FT. WITH ATTACHMENTS \$1.00
MX-381 " 40 " " " \$1.25
MX-383 " 50 " " " \$1.50
MX-378 GUY RING FOR FASTENING GUYS AND IS USED BETWEEN THE MAST SECTIONS \$0.50

GP-2 STEEL GUY STAKE, 1 1/2" L x 3/4" DIA. 1-1/8" HEAD, 1-3/8" POINT. 2 LBS. 85¢ EA. 4 FOR \$3.

VLF LOOP ANTENNA

AT-382 LOOP ANTENNA FOR USE WITH RECEIVERS IN THE 190-1500 KHZ RANGE, 9" LOOP (19 UH) PROVIDES FOR AURAL DIRECTION FINDING, ANTISTATIC RECEPTION AND SENSITIVITY. REQ. SMALL SPLINE FLEX. SHAFT & CONTROL BOX FOR REMOTE TUNING & UG-88 FOR ANT. CONN. 14x9x4; 10LB. UNUSED \$6.95



CHOPPER RF CHOPPER USED IN AUTOMATIC DIRECTION FINDING ANTENNAS TO SAMPLE BETWEEN SENSE AND REFERENCE ANTENNA. USES TWO 100 HZ ±5% COILS; CAN BE ACTUATED MANUALLY WITH DC VOLTAGES. HAS TWO UG-88 CONNECTORS ON 15" CABLES AND UG-290 BNC OUTPUT CONN. 4-3/8x3 1/2; SH WT: 3 LBS. REMOVED FROM EQUIP. #354-1013-00, \$2.95

MICROWAVE ANTENNA & 20" MAST FOR USE IN THE 4400-5000 MC BAND. PARABOLIC REFLECTOR MADE IN SECTIONS OF ALUMINUM SCREEN IMPREGNATED WITH FIBERGLASS, THE DUPLEXING HORN RECEIVES & TRANSMITS SIMULTANEOUS. THE AZIMUTH AND ELEVATION CAN BE ADJUSTED BY THE GEAR DRIVE MECHANISM. THE 20" ALUMINUM MAST IS SECTIONALIZED AND COMES W/ ALUMINUM CASE WITH NECESSARY BRACKETS, GUYS AND ANT. LEAD WIRE TO MAKE A PORTABLE SYSTEM. OA-1378 GROUP. CASE SIZE 27x17x9; 75 LBS.

AT-271/PRC WHIP ANTENNA, 7 SEC. 8 1/2" FT. THRO-OUT TYPE USED \$4.95
LM-21AM LOOP ANTENNA FOR ARN-7 COMPASS SYSTEM 200 TO 1500 KC USED \$25
AS-578/ARA ANTENNA FOR ARC-27, 34, 55 DIRECTION FINDER USED \$25.

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS THAT TUNES FROM 200 TO 1750 KC, OPERATES FROM 26 VOLT 400 CYCLE SIZE: 10x11x5; WT: 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95

CM-167/U SIGNAL COMPARATOR MIXES TWO FREQUENCIES AND DELIVERS AN OUTPUT PROPORTIONATE TO THE DIFFERENCE OF THE TWO SIGNALS. WHEN USED WITH A STRIP CHART RECORDER IT WILL COMPARE 2 ALMOST EQUAL FREQ. STANDARDS WHOSE FREQ. ARE EITHER 100 KC OR 1 MC. THIS WILL BE RECORDED AS A SINE WAVE. USES 4 IN281 DIODES IN A FULL BRIDGE CIRCUIT ALONG WITH RESISTORS, CONDENSORS, TRANSFORMERS, ETC. INPUT IMPEDANCE 50-5000 OHMS. INPUT COAX. CONN. PCN. SIZE: 5 1/2x3 1/2x3 1/2; WT: 4 LBS. NEW \$4.95

CU-128F/U ANTENNA COUPLING UNIT, DESIGNED TO PROVIDE EFFICIENT SIGNAL TRANSFER BETWEEN ANTENNA TRANSMISSION LINES OF DIFFERENT IMPEDANCE, FREQ. RANGE 4 TO 20 MHZ, INPUT IMPEDANCE 200/250/700 OHMS OUTPUT 70 OHM WATERPROOF METAL BOX WITH MTS. & MANUAL SIZE: 8x4 1/2x7 1/2; SHPG. 15LBS. NEW \$4.95

ANTENNA'S FROM CANADA: U.H.F.-TYPE FOR APPROX. 243 MHZ. 23" LG. SCREWS INTO A HARD RUBBER BASE THAT MOUNTS ONTO A MOUNTING BASE. RUBBER BASE HAS PROVISION FOR CANADIAN COAX. FITTING. AERIAL BASE #9 W/10" MTG. BASE \$4 #9 W/24" " " \$5 ZA-3143 COAX. 51W/CONNECT. \$1 CONE SHAPED AERIAL BASE #8 HARD RUBBER, 5" DIA. 4"H. W/96" WHIP ANTENNA. #PC-8-96 PRICE: \$8.50

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CABLES

NEW COAXIAL CABLE



NEW MANUFACTURE AND BRANDED WITH STANDARD TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-BETWEEN LENGTHS USE THE HIGHER PRICE. LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

COAX.	OHMS	100 FEET	500 FEET	1000 FEET	5000 FEET
RG-NO					
RG-8/U	52	.20	.19	.18	.18
RG-11/U	75	.17	.15	.15	.15
RG-58/U	53.5	.09	.08	.07	.07
RG-59/U	73	.10	.09	.08	.08
RG-62/U	93	.09	.08	.07	.07

NEW COAXIAL CONNECTORS

SO-239	PL-259	M-359	PL-258 JUNCTION
59¢ EA.	59¢ EA.	69¢ EA.	\$1.25 EA.
10 OR MORE	10 OR MORE	10 OR MORE	10 OR MORE
55¢ EA.	55¢ EA.	.60¢ EA.	\$1.10 EA.

COAX CONNECTORS

UG-18	NEW	\$1.00	UG-710	NEW	\$3.00
UG-21	USED	.75	UG-909	NEW	1.00
UG-21	NEW	\$1.50	UG-911	NEW	1.25
UG-22	USED	.75	UG-913	NEW	2.00
UG-27	USED	1.25			
UG-27	NEW	2.00	UG-924	NEW	3.00
UG-29	USED	1.00	UG-940	NEW	2.00
UG-29	NEW	1.50	UG-943	NEW	3.00
UG-30	NEW	1.50	UG-968	NEW	4.00
UG-36	NEW	6.00			
UG-88	USED	.39	UG-997	NEW	4.00
UG-100	USED	.75	UG-1090	USED	1.50
UG-100	NEW	1.50	UG-1441	USED	3.00
UG-109	USED	1.00	UG-629	NEW	2.50
UG/DA-113	NEW	5.00	UG-1213	NEW	2.00
UG-160	USED	1.50	2176	NEW	3.00
UG-180	USED	3.00	C2365-3	NEW	1.50
UG-181	USED	3.00	3649-1	NEW	1.50
UG-201	NEW	2.00	6006	NEW	1.00
UG-212	NEW	3.00	6137	NEW	1.50
UG-255	USED	1.50	6177	NEW	1.50
UG-260	NEW	.75	6955	NEW	1.50
UG-261	NEW	1.00	8270-1	NEW	3.00
UG-273	NEW	1.50	8842	USED	1.00
UG-274	NEW	2.00	8576	USED	1.00
UG-282	USED	1.25	9113	NEW	1.50
UG-282	NEW	2.00	9192	NEW	1.50
UG-290	USED	.50	9192	NEW	4.00
UG-291	NEW	1.00	9192	USED	1.50
UG-306	USED	2.00	10442	NEW	1.50
UG-567	USED	1.50	10651	NEW	1.50
UG-643	USED	1.00	15601	NEW	1.50
UG-535	USED	1.25	30231-1	NEW	1.50
UG-536	NEW	2.00	30232-1	NEW	1.50
UG-560	NEW	2.00	95712-30369	"	2.00
UG-573	NEW	2.00	18-30-1A33	"	3.00
UG-603	NEW	2.00	83-877-1050	"	1.50
UG-636	NEW	2.00	10H528	NEW	1.00
UG-701	NEW	2.50	10H702	NEW	1.00
			10H1366	NEW	1.00

COAXIAL CABLE ASSY. REMOVED FROM TEST SETS AND EQUIPMENT. ALL GUARANTEED TO BE USEABLE.

RG-59, MALE/FEMALE "N" CONN. 50' #CG-357, \$3. RG-21 53 OHMS TO UG-626 37' \$3.50

RG-13 74 OHM W/2 8". CG-1078, NEW \$2.50 UG-21; RG-58 W/2 6". CN-210, USED \$2.

RG-26/U 48 OHM 30 FT. W/2-UG-34 CONN. \$4.95 RG-22/11 95 OHM 50 FT. NO CONNECTORS \$3.00

WIRE

#22 STRANDED 100 FEET	\$4.50	1000 FEET	\$35.00
2/22 " " "	6.00	1000 "	50.00
#18 16/30 VINYL COVERED HOOK-UP	\$2/c	\$15/M	FT

TAP SWITCHES



OHMITE MODEL 608-6 HEAVY DUTY TAP SWITCH, 300 VAC 100 AMP RATING; SIX TAPS WITH 200 FULL ROTATION. 6" DIA. X 3-3/8"; SHAFT 3/8" DIA. X 2". LESS KNOB, \$10.95
 MODEL 608-4 TANDEM, SIMILAR, BUT TWO DECKS, FOUR TAPS EACH, 7" L. 12 LBS. USED, LESS KNOB, \$16.95

OHMITE MODEL 212-12 TAP SWITCH; 150 VAC 20 AMP RATING. TWELVE TAPS WITH 330 TOTAL ROTATION. SIZE: 2 1/2" DIA. X 1 1/2"; SHAFT 1/2" DIA. X 1 1/2"; SHPG. WT: 2 LBS. LESS KNOB, \$2.95

OHMITE MODEL 412-5 TAP SWITCH, 300 VAC 50 AMP (150 V. BETWEEN TAPS). FIVE TAPS IN 120 FULL ROTATION. 1/2" DIA. SHAFT. OVERALL: 4 1/2" DIA. X 2 1/2". SHPG. WT: 4 LBS. LESS KNOB, \$6.95

OTHER OHMITE SWITCHES AVAILABLE. WRITE.



TAP SWITCHES, 120/240 VAC 10/5 AMP UNLESS OTHERWISE NOTED. 2 1/2" DIA. SHPG. WT: 1 LB. USED.

#AHH-23-10; TWO DECK, THREE POSITION. WITH KNOB, \$1.95
 #AHH-230; 2-DECK, 3-POS. AND OFF; CONT. TURN. 15/10 AMP. L/KNOB, SHFT 3/16" D. X 1 1/2", \$2.25
 #LOV-230; LIKE AHH-230, BUT SHFT 1 1/2" L. \$2.50
 #AHH-33-10; 3-DECK, 3-POS., W/KNOB, \$2.75
 #LOV-330; SAME AS LOV-230, BUT 3-DECK, \$2.95
 #AHH-63-10; 6-DECK, 3-POS., W/KNOB, \$3.95



AHH-2W-3W TAP SWITCH; 3-POSITION WITH OFF. TWO-WIRE RATING: 120/240 VAC 30/15 AMP; THREE-WIRE: 15/15 AMPS. CASE SIZE: 1-7/8 X 1 1/2 X 1 1/2. WT: 1 LB. USED, WITH KNOB, \$2.95

ROTARY INDUCTORS

ROTARY INDUCTOR, 103 UHY; 61 TURNS OF #10 TINNED-COPPER WIRE FORM 8 1/2" L X 3-3/8" DIA. COIL. SLIDING CONTACTOR TYPE; WITH COUPLER FOR 3/4" DIA. SHAFT. OVERALL SIZE: 8x8x14; SHPG. WT: 21 LBS. #939-L6-LG, USED, \$30.00



ROLLER INDUCTOR, 13.8 UHY; 24 TURNS #12 T-C WIRE IN 3 1/2" L X 2" DIA. COIL. ROLLER CONTACTS; LESS COUPLER. SHAFT: 3/8" L X 1/2" DIA. OVERALL SIZE: 3x5x6; SHPG. WT: 8 LBS. #939-L44-MED USED, \$12.95

ROLLER INDUCTOR, 1.3 UHY; 5 1/2 TURNS #12 T-C WIRE IN 1-1/8" L X 2" DIA. COIL. ROLLER CONTACTS; LESS COUPLER. 3/8" L X 1/2" DIA. SHAFT. OVERALL: 3x5x4; SHPG. WT: 8 LBS. #939-L5-SM, USED, \$6.95

ROTARY INDUCTANCE TUNER COIL THIRTY TURNS OF TINNED COPPER WIRE AROUND A 2" DIA. X 3" DIA. ISOLANTITE FORM. 23 U-HY 100 WATTS APPROX. 1/2" DIA. SHAFT FOR COUPLING. SIZE: 5x3x3 1/2; SHPG. WT: 3 LBS. #AC55471, \$10.
 CERAMIC FLEXIBLE COUPLINGS, SEE PAGE 26.

100-TURN COUNTER WITH SPIN KNOB. THREE DIGITS: 000 TO 999. HAS COUPLER FOR 1/2" DIA. SHAFT; NO FRONT MOUNTING PLATE. OVERALL LENGTH: 6 1/2". DEPTH REQUIRED BEHIND YOUR PANEL: 4 1/2". 2 LBS. SH. #1323-COUN, \$5.95

POWER AMPLIFIER WITH A 12.3 UHY VARIABLE INDUCTOR; PART OF THE COLLINS 618S-1 2-25 MHZ TRANSCIVER. 3 1/2 X 1 1/2" DIA. COIL HAS 27 TURNS OF #14 WIRE; ROTATED BY 115 VAC 400 HZ SELSYN. 100 WATT RATING. USES 3/6159 TUBES. HAS LARGE CERAMIC SWITCH, CHOKES, COILS, OTHER PARTS. SIZE: 11x5x6; 10 LBS. SH. #547-3496/618S-1. PRICE: LESS TUBES, \$14.95; WITH TUBES, \$18.50 SCHEMATIC, \$1.00; MATING CONNECTORS, \$1.50 EA

TRANSMITTING CAPACITORS

MICA TRANSMITTING CAPACITORS, G-SERIES TYPE IN USED OR UNUSED CONDITION DEPENDING UPON A VALUE'S AVAILABILITY. VARIOUS MANUFACTURERS. SATISFACTION GUARANTEED OR PURCHASE PRICE WILL BE REFUNDED. OTHER VALUES IN STOCK. WRITE.



TYPE	KV	MFD	KV	MFD	PRICE
G1, 2 1/2" H x 2 1/2" DIA., WT: 3 LBS.					\$12.50
1.0	0.04	6.0		0.0001	
1.5	0.08	6.0		0.00024	
3.0	0.02	6.0		0.0006	
4.0	0.0062	6.0		0.003	
5.0	0.00015	6.0		0.0047	
5.0	0.01	10.0		0.00015	
G2, 3 1/2" H x 3" DIA., WT: 5 LBS.					\$18.50
2.0	0.03	10.0		0.00027	
2.0	0.045	10.0		0.00057	
10.0	0.00015	15.0		0.0002	
10.0	0.0002	20.0		0.00005	
G3, 5" H x 4" DIA., WT: 8 LBS.					\$27.50
2.5	0.15	14.0		PYREX 0.002	
5.0	0.02				
6.0	0.006	20.0		0.000051	
8.0	0.005	20.0		0.00015	
G4, 5" H x 5 1/2" DIA., WT: 12 LBS.					\$39.50
4.0	0.084	10.0		0.02	
4.0	0.01	12.0		0.008	
6.0	0.024	15.0		0.004	
6.0	0.0373	15.0		0.01	
8.0	0.012				
10.0	0.01	25.0		0.0025	
G5, 6 1/2" H x 10" DIA., WT: 22 LBS.					\$59.50
10.0	0.02	22.0		0.0051	
15.0	0.0068	30.0		0.0027	
15.0	0.0082	35.0		0.0003	
15.0	0.01	35.0		0.00039	
		35.0		0.00082	
25.0	0.004	35.0		0.0015	

STEPPING SWITCHES

STOCK NO.	POS.	DECK	VDC	PRICE	
7709181-P3	25	10	24	\$9.95	
7709181-P6	25	9	24	8.95	
7709181-P1	26	9	24	9.50	
H77256	26	4	24	5.95	
A224362	NEW	26	10	24	12.95
A202763	10	6	36-48	5.95	
A29656	25	10	36-48	8.95	
917722	24	8	30	5.95	
289281	NEW	26	2	12	9.95
SW88DC	25	10	28	8.95	
A320750	20	8	115	9.95	

LAST YEAR'S SPECIAL

HEATSINKS and other parts on this assembly which our customers overlooked last year. Has two interlocking 1x4x6 heatsinks with two TO-3 transistors each (one 2N3055, other three house #); a transformer w/two 4 VCT 500 ma outputs; an autotransformer; plus a circuit card w/transistors, diodes, precision resistors, etc. Originally a special lamp power supply. 4 1/2 x 6 x 3 1/2; 9 lbs. GE#9T68Y1500-G4, price reduced, \$6; 2 f/10.

OSCILLATOR AMPLIFIER ASSEMBLY; WITH 7268 KLYSTRON AND 2/717A TUBES THAT WERE DESIGNED TO BE USED IN 2800-3000 MHZ RANGE. WESTERN ELECTRIC ASSY. #D-150815. SIZE: 6x5x4; SHPG. WT: 7 LBS. PRICE: UNUSED, \$12.95

PARTS BONANZA

TU-10 TUNING UNIT FOR THE BC-191/375 Xmitters is a bonanza of hard-to-find radio parts like M-O and P-A grid coils and inductance tanks; 2/0.0004 mfd. 5 Kv mica caps; variable capacitors with 0.09" air gap, one each 19-116 pf, 8-26 pf, and 14-62 pf; 2 1/2" dia. vernier dial w/ceramic coupling; right angle drive; and a 6-position antenna coupling switch. Size: 9x17x7 1/2, 18 lbs. sh wt. Unused, \$9.95. LIMITED QTY. OF OTHER TUNING UNITS. WRITE.

HAND-CRANK MAGNETO GENERATORS
 OUTPUT APPROX. 100 VOLTS DEPENDING ON SPEED OF ROTATION. USED TO RING BELLS IN TELEPHONE LINES. CAN BE USED FOR WORM SHOCKER AND OTHER EXPERIMENT. SIZE 4x2 1/2 WT: 1LB. COND. USED G-25 \$5.95 G-42 \$7.95

DC AIRCRAFT MOTOR; GE#5BA-50LJ29, 0.4 HP, 3000 RPM. ARMATURE: 60V. @ 2.3 AMPS FIELD: 27 VOLTS @ 6.5 AMPS DUTY: 10 MIN. @ FULL RATING. SHAFT IS CORKSCREW-TYPE 5/8 INCH DIA. FLANGE MTG. 3/8 CNTS. BODY SIZE: 6 1/2x4 1/2x4 1/2 WT: 11 LBS. \$4.95

VARIABLE SPEED DRIVE CONTROL
 USED WITH MOTOR AM No. E-85-132. GE#3S750RJ750A1, FIELD 100 VDC ARM., 140 VDC., 2.6 A INPUT 230 V., 50/60 HZ., 5 LBS GE#3S7505RJ750A1 NEW \$25.00

JOHN OSTER TYPE C-24A-1B KS-5829 SERIES MOTOR; 27 VDC, 0.01 HP, 7000 RPM. SIZE: 3x2 DIA.; SHAFT: 1/8 DIA. WT: 1 LB. UNUSED, \$1.25

GE#5PR56HM 110 v. 2.3 A. 8000 RPM. INT. 1/10 H.P. 50/60 CYC. REV. SIZE 3x5, SHAFT 3/16x1 STK.#3H3000B2 5 LBS. N.\$12.95

DICTAPHONE #7CB-2P; 115 v. 60 C 1/60 HP. 1740 RPM, SIZE 3x3, SHAFT EA. END 1/8x3/8, 2LB.N \$9.95

ART-13 MOTOR, 28 VDC. .05 HP @ 3900 RPM. REVERSIBLE; BALL BEARING. MOTOR WILL OPERATE ON 12 VDC. SIZE: 4 1/2x3 1/2 DIA. WT: 1 1/2 LB. PRICE: GOV'T RECONDITIONED \$2.95

DELCO MOTOR A7155 27.5 VDC 2.4 AMP. 1/30 HP 3600 RPM. SIZE: 5 1/2x2 1/2 DIA. SHAFT 1/8 DIA. WT: 1 1/2 LB. UNUSED \$2.95

TG-10 KEYSER MOTOR, 115v. 60 HZ. 1550 RPM WITH 1-7/8" SHAFT GEARED TO 80 RPM. REMOVED FROM TG-10 EQUIPMENT. SIZE: 3 1/2x3 1/2x4 1/2 WT: 3 LBS. #3H3000-3 Used \$2.95

ELECTROLUX MOTOR 28.5 vdc 1.8 AMPS. 1/35 HP 220 RPM. SHAFT SIZE: 1/8x3/8 DIA. MOTOR SIZE: 4 1/2x3 1/2 DIA. WT: 5 LBS. USED \$3.95

HAND CRANK GENERATOR AS USED IN GIESON GIRL RESCUE TRANSMITTERS OUTPUT 28 VDC @ 175 MA & 300 V @ 30 MA. WHEN CRANKED AT 60 RPM GEAR RATIO APPROX. 72 TO 1. NO LEGS SEAT OR MOUNTING. #GEN/CRT-3 RE-MOVED \$10.00

HYSTERESIS SYNCHRONOUS MOTOR 115v 60HZ, 1800RPM, CONT. 1/8HP FL. MTG. 7", SHAFT 2" 1/8 DIA. SIZE 6x5, CAP. ST. USED 25LB. BODY: NE#MCH-54 OR EQUAL \$25.00

RECORDER MOTOR, 115 v. 60 CYCLE CAP. REQ. 4 MFD. INT. DUTY. 900 & 1800 RPM. 3.5/2.5 HP OZ. IN. MOTOR MOUNTED ON IN CLINE BASE THAT CAN BE REMOVED FOR FLAT MOUNT. 1/2" SHAFT AVAILABLE WITH OR WITHOUT CONE. MOTOR SIZE 4 1/2x3 1/2. REVERSIBLE DUAL SPEED. #HBC-2918-2N, 6 LBS. PRICES: WITH CONE \$5.95 LESS CONE \$4.95

HEINZ 1160039-C57; 115 v. 60 cyc. .7 A. 3500RPM MO. SIZE 3x3 1/2, SHAFT 1/2x3; 3 LB. CONT. N.\$6.95

EAD/WE KS-5718; 115 v. .27 A. 50/60 CYC. CAP. REQ. 4 MFD. DUAL SPEED 2750/3300 RPM. MO SIZE 3 1/2x3, 4 LBS. SHAFT 5/16x1, 1/50 HP. N.\$14.95

WE KS-5871-LOI MOTOR, 28.8 VDC @ 3.3 A. 5600 RPM, 0.04 HP SERIES WOUND. CONTINUOUS DUTY; REVERSIBLE WITH SPEED GOVERNOR. (MAY ALSO OPERATE AT 12 VDC AT REDUCED SPEED. SHAFT 1/8x3/8, OVERALL SIZE: 6 1/2x3 1/2 DIA. SHPG. WT: 7 LBS. USED \$7.95

JOHN OSTER SHUNT MOTOR B-9-1 ASSEMBLY, 27.5 VDC 0.7 AMP, 5600 RPM. HAS TWO GEAR REDUCTIONS OF 22 AND 5.5 RPM ON 1 1/2x1/2 DIA. SHAFTS. MOTOR AND GEAR ASSY. ALUMINUM ENCASED; FLANGE MOUNTED TO EACH OTHER. O/A SIZE: 2 1/2x3x7; 4 LBS. SH. \$3.95 EA.

1/2 HP COMPOUND MOTOR, 3800 RPM CONTINUOUS DUTY; RATED 27 VDC 20 AMPS. CAN BE MADE REVERSIBLE BY FOLLOWING INCLUDED INSTRUCTIONS. MOUNTING HOLE CENTERS 3 1/2x3 1/2, SHAFT 1/2 DIA. FIRST 7/8", 5/16" DIA. THREADED NEXT 1/2". O/A SIZE: 6 1/2x4-3/8" DIA. SH WT: 15 LBS. #EE1430, UNUSED, \$9.95

28 VOLT MOTOR, 135 RPM; HP: 1 OZ./IN. WITH 5/16x2 1/2" DIA. GEARED SHAFT; HAS 4 SOLDER TERMINALS ON 1x1 1/2x1 1/2 BLOCK. MOTOR SIZE: 5x1-7/8 DIA. WT: 1 LB. GE#5BA10FJ444 USED, \$7.95

ARN-6 BANDSWITCH GEAR AND MOTOR ASSEMBLY, 28 VDC. BENDIX M-4A MOTOR. ASSY. SIZE: 1 1/2x2x3 1/2; MOTOR SIZE: 1 1/2x2x1 1/2 WT: 3 LBS. \$2.95

B-701/R-107 MOTOR FROM AS-313/ARN-6 LOOP ANTENNA. OPERATES FROM 26 VOLT 400 HZ @ 2750 RPM. WILL OPERATE FROM 12 VDC 60 HZ. SIZE: 3x2 1/2x3 WITH 3/8" GEAR. WT: 2 LB. PRICE: USED \$3.95

DIEHL PM MOTOR FD6-23, OPERATES FROM 27.5 VDC @ APPROX. 10,000 RPM. SHAFT 1/8" LONG X 1/8" DIA. MOTOR: 2x1-3/8x1. W/REMOVABLE 2" 4-BLADE FAN, AND MTG. PLATE. USED, \$5.95

DELCO PM MOTOR 5067125, 27.5 vdc, 10,000 RPM. TWO GOVERNORS, TAPERED SHAFT 3/16x1/16" DIA. MOTOR SIZE: 3x1x1 WT: 5 LBS. \$3.95

MOTOR W/RIGHT ANGLE SHAFT & MOUNT, 1/8 HP 230 RPM. SHAFT SIZE: 5/16" LONG X 3/8" DIA. CLEARANCE BETWEEN SHAFT AND MOUNTING ABOUT 1" REQUIRES 115 VAC 60 HZ @ 1.9 AMPS. SIZE: 7x3 1/2 DIA. WT: 15 LBS. ROBBINS & MEYERS #KL-H330, \$12.95

D.C. LINEAR ACTUATOR UNIT; ARM TRAVELS 2" AT END OF TRAVEL ARM ROTATES, 24VDC, 1AMP MAX, WILL OPERATE AT LOWER VOLTAGE. SIZE 3 1/2x7 1/2; 2 LBS. P.M. TYPE MOTOR ASSY. #554125 USED \$9.95

D.C. LINEAR ACTUATOR; 26 vdc 2A. 400 RPM. 45 OZ IN. TORQUE, APPROX. 2" ARM TRAVEL ON THREADED SHAFT, REQUIRES LIMIT SWITCHES, HAS NO PROVISION FOR OVER TRAVEL. HAS BRAKE FOR FAST STOP. SIZE 5x1 1/2 IN. GE#5BA10FJ450 USED \$8.95

JOHN OSTER 10 CFM BLOWER WITH MOTOR C2BP-1A, 27.5 VDC 0.01 HP, 6000 RPM. SIZE: 3 1/2x3 1/2x4 1/2 WT: 4 LBS. USED \$3.95

28 VDC BLOWER, 6200 RPM WITH THE OPTION OF EITHER A SHUNT MOTOR TYPE OR PM MOTOR. SIZE: 3x2 1/2x3 SHPG. WT: 4 LBS. BLOWER WITH SHUNT MOTOR \$3.95 BLOWER WITH PM MOTOR \$6.95

**D.C. MOTOR & GEAR REDUCER, 24-29VDC NO LOAD SPEED 225-275 RPM, 60 OZ. IN MAX. INTER. TORQUE, 2" FL. MTG. 3/16" SHAFT, MOTOR 2 1/2" LG. REVERS! PART No. C-5A-1049 USED \$5.95
 DCC MOTOR & GEAR REDUCER, 26.5 vdc, NO LOAD 55-70 RPM, 200 OZ. IN. MAX. INTMT. TORQUE. 2" FL. MTG. 3" LG. 1/2" SHAFT, REVERSIBLE. PART No. 5A1514 USED \$6.95**

VICKERS AR-10007G 115 VOLT 50/60 CYCLE SELENOID OPERATED AIR VALVE ONE INLET ACTUATES TUBE PLUNGER 1" STROKE. USED SIZE: 6x4 1/2x2 1/2; 5 LBS. \$18.00

AY-201 SYNCHRO CONTROL TRANSFORMER, ROTOR 1 PHASE 26 V., STATOR 11.8 V. 400 CYCLE. SIZE: 1 1/2x1 1/2; SHAFT 1/16x3/8. VARIOUS MANUFACTURE PRICE: REMOVED FROM EQUIP. \$4.00

**AY-165 AUTOSYN DIFFERENTIAL, 400 CYCLE, 11.8 V. 3 PHASE ONE TO ONE RATIO. BENDIX & OTHERS. SIZE: 1 1/2x1 1/2. PRICE: REMOVED FROM EQUIP. \$2.95
 AY-231 AND AY-232 SAME SPECS. AS ABOVE.**

AY-123 AUTOSYN RESOLVERS; 400 CYCLE, ROTOR 2 PHASE 26 VOLT, STATOR 2 PHASE 11.8 VOLT. PRICE:

AY-177-81 AUTOSYN DIFFERENTIAL 400 CYCLE 3 PHASE 11.8 V. TO 3 PHASE RATIO 1-1 SIZE: 1 1/2x1 1/2; SHAFT 1/16 PRICE: NEW \$2.95

SYNCHRO GENERATOR SPERRY#R5663642, MFG. BY BENDIX. SIMILAR TO BENDIX AY-401-2, OPERATES FROM 26 VOLTS 400 CYCLE SINGLE PHASE WHEN USED IN CONJUNCTION WITH AY-201 CONTROL TRANS. IT WILL OPERATE UP TO 20 UNITS. SIZE: 2 1/2x2 1/2; WT: 12 OZ. PRICE: NEW \$2.95

SPEIRRY RAY-248, RCY-250, RBX-251, 662428, 662-426, 652174 AND OTHERS. PRICE: RE-MOVED \$2.95

**HUGHES RESOLVER 810229, 810228, 810227 RM \$2.95
 KETAY TRANSFORMER K-101300-20 RE-MOVED \$2.95**

**23CX4 TRANSMIT. 115 v. 400 cyc used \$ 8.95
 23TX4 " " " " " " " " 8.95**

**23CT4 CON/TRANS. " 400 " " " 8.95
 23RS4A RESOLVER 90/90v " " " " 8.95
 23CT6 TRANSFORMER 90/1v PER. DEG. "60CY 8.95**

2JIHI SELSYN DIFFERENTIAL GENERATOR NORMALLY OPERATES FROM 57.5/57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 26 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM ON PAGE 31. SIZE: 2 1/2x4 1/2; WT: 8OZ. PRICE WITH CONNECTOR CAPS.....\$3.95

DAYSTROM TRANSOCOIL CONTROL MOTOR 115 VOLT 60 CYCLE, 1 PHASE, 2 PHASE 200 VOLT CT. 3200 RPM. SIZE: 2 1/2x2, SHAFT SIZE: 1/16x3/8 WITH GEAR. REMOVED FROM NEW EQUIP. PRICE: \$5.00

GE SELSYN CONTROL TRANSFORMER 57.5/57.5 VOLTS 400 CYCLE. (WILL OPERATE FROM 26 VOLTS 60 CYCLE) SIZE: 2x2; 1 LB. PRICE NEW \$3.95

GM-4 AMMUNITION BOOSTER GEARED MOTOR MOUNTED INSIDE FRAME WITH SHAFT & SPROCKETS THAT ARE 3 1/2" DI & 3 1/2" APART. MOTOR DESIGNED FOR 24 V. 400 CYC. 3 PHASE, BUT CAN BE OPERATED FROM 24 V. 60 CYC @ 20 RPM BY USING 4 MFD CAP. USING HIGHER CAP CAP: HIGHER CAP. WILL INCREASE SPEED AND TORQUE. STAINLESS STEEL FRAME CAN BE REMOVED EASILY. INST. FURNISHED. SIZE: 7 1/2x2 1/2x5 1/2; 10 LBS. GE#9160256-G4M N. \$5.95

LINEAR ACTUATOR, STAT. 200, TENS. 40, COMP. 40. ARM TRAVEL 5/16". MOTOR 115v. 400 HZ, 1600 RPM. DUTY 1/10, 0.04 HP. TORQUE: 6.7 IN-OZ. SIZE: 5x5x3 1/2 WT: 5 LB. AIRSEARCH#3493C USED \$3.95

LINEAR ACTUATOR, STAT. 200, TENS 75-100, COMP. 75-100. ARM TRAVEL 1/4". MOTOR 115v. 400 HZ., 0.025 HP 6500 RPM. DUTY 1/10, TORQUE: 3.9 IN-OZ. SIZE: 5x8 1/2x4 1/2 WT: 5LB AIRSEARCH#30146-120 USED \$3.95

RATCHET MOTOR, 24 VDC 60 RPM CONTINUOUS. ALSO THREE POSITION STOP. BAND SWITCH ASSEMBLY AS USED IN R-5/ARN-7 COMPASS RECEIVER. UNIT WILL ALSO OPERATE FROM 18 TO 24 VDC. SIZE: 3x4x1 1/2 WT: 2 LBS. #609-ARN-7 \$1.25

REDMOND BLOWER MOTOR: 24 VOLT DC 6000 RPM MOTOR .96 AMPS. OVERALL SIZE 4 1/2x3 1/2x3 1/2; WT: 2LBS. #451-1085 UNUSED \$4.95

400 WATT TRANSMITTER



T-631/GRC-14 TRANSMITTER, 2 TO 20 MHZ 400 WATTS PEAK OUTPUT, 100 WATTS NOMINAL CARRIER. EMPLOYS DECADE TYPE TUNING IN 100 HZ STEPS WITH BANDS: (2-3), (3-6), (6-10), AND (10-20 MHZ) TRANSMITS AM PHONE, CW, OR FSK. HAS AFC OR MANUALLY ADJUSTED VFO. FREQUENCY SHIFT OF #500 HZ. METER INDICATES FSK SYNCHRONIZATION. ALSO METERING FOR RF LINE AND MANUAL TUNE. INPUT IMPEDANCE: 100 OHMS (MIC) OR 600 OHMS (LINE). OUTPUT IMPED: MATCHED OR 50 OHMS WITH RF TUNER BYPASSED. WITH 28 TUBES INCLUDING THREE 4X250F'S IN THE POWER AMP. SIZE: 13 $\frac{1}{2}$ x29x17 $\frac{1}{2}$; 230 LBS. SH. 157 LBS. NET. SEPARATE POWER SUPPLY PP-1711 SUPPLIES VOLTAGES FOR T-631 FROM 115 VAC 60 HZ OR 26 VDC AND 24 VAC. ALSO 115 VDC TTY LOOP OUTPUT. PP-1711 SIZE: 10x29x17 $\frac{1}{2}$; 310 LBS. SH. USED. PRICE: T-631 XMITTER & PP-1711/GRC-14, \$250.



T-195/GRC-19 TRANSMITTER, 1.5 TO 20 MHZ IN TEN BANDS; TRANSMITS CW, VOICE, OR FSK. MANUAL OR AUTOMATIC TUNING. POWER OUTPUT: 100 WATTS (1.5-12 MHZ), 90 WATTS (12-16 MHZ), OR 80 WATTS (16-20 MHZ). ANTENNA INPUT: 50 OHMS. AUDIO: 600 OHMS. METERS FOR PA GRID AND CATHODE CURRENTS, BATTERY VOLTAGE, AND MODULATION LEVEL WITH 22 TUBES INCLUDING TWO 4X150D'S. REQUIRES 22-30 VDC 42 AMPS (9 A STANDBY). 11 $\frac{1}{2}$ x22x14 $\frac{1}{2}$; 150 LBS. SH. 122 LBS. NET. USED, REPARABLE, \$125. T-195B/GRC, P.U.R.

R-392/URR RECEIVER, COMPANION TO THE T-195, 0.5-32 MHZ IN 1 KHZ STEPS ON COUNTER DIAL. 24 VDC 3 AMPS REQUIRED. P.U.R.

MT-851 BASE FOR T-195 AND R-392, 60 LBS. \$10.
T-195 BATTERY CABLE WITH PLUG, \$4.95
T-195/GRC-19 MANUAL, \$7.50
R-392/URR MANUAL, REPRODUCTION, \$10.00
AN/GRC-19 OPERATOR'S MANUAL, \$3.00
AN/GRC-19 MANUAL, \$10.00

F-237/GRC BAND PASS FILTER 54-70.9 MHZ, CONTINUOUS TUNING 250 KHZ BANDWIDTH @ 3 DB, 4.5 MHZ @ 40 DB, IN-OUT 50 OHMS IMP. REDUCES CROSS TALK SIZE: 11x11x5; WT: 15 LBS. UNUSED \$19.95

38 TO 54 MHZ RECEIVER



R-110 RECEIVER 38 TO 54 MHZ FM CONTINUOUSLY TUNEABLE, VARIABLE SQUELCH AND AUDIO, OUTPUT IMPEDANCE 600 OHMS. 4.3 MHZ. I.F. WITH TUBES 3/1U4, 2/1L4, 1A3, 2/3A5, 1S5, 2/3C4, 2/6AK5 & 0B2. VOLTAGES REQ. 135 VDC @ 70 MA. AND 6.3 VDC 2 AMPS. SIZE: 9x13x7 $\frac{1}{2}$; WT: 32 LBS. USED \$49.50

R-108 RECEIVER, SAME AS R-110 ABOVE EXCEPT 20-28 MHZ. USED \$29.95

R-109 RECEIVER, SAME AS R-110 ABOVE EXCEPT 27-39 MHZ. USED \$39.95

PP-282 POWER SUPPLY 24 VDC FOR R-108-109-110 RECEIVERS. MOUNTS INSIDE REC. USED \$5.95



SHOCKED-MOUNTINGS FOR GRC SERIES RADIO SETS. ALL HAVE APPROPRIATE CABLES & CONNECTORS THAT GO FROM THE MTG. TO THE SET & BATTERY, BUT THEY DO NOT HAVE JUMPER CABLE UNIT UNIT.
MT-297/U HOLDS R/T, PS, REC., RT-70, AM-65, C434 SIZE: 3 $\frac{3}{4}$ x13 $\frac{1}{2}$ x4 $\frac{1}{2}$; WT: 75 LBS. USED \$25.00
MT-298/U HOLDS TWO (2) R/T & TWO (2) PS. SIZE: 3 $\frac{3}{4}$ x13 $\frac{1}{2}$ x4 $\frac{1}{2}$; WT: 85 LBS. USED \$20.00
MT-299/U HOLDS ONE RT-66, 67, OR 68 & ONE PS SIZE: 18x13x4; WT: 50 LBS. USED \$25.00
MT-300/U HOLDS (1) RT-70 & AM-65 (PIGGYBACK) SIZE: 8 $\frac{1}{2}$ x13x3 $\frac{1}{2}$; WT: 25 LBS. USED \$20.00
MT-791/U NO CABLES, FOR SINGLE UNITS SUCH AS REC. MD, CV, GSA, PP, ETC. SIZE: 8 $\frac{1}{2}$ x13x3 $\frac{1}{2}$; WT: 18 LBS. USED \$15.00

RECEIVER-TRANSMITTER

RT-68/GRC RECEIVER-TRANSMITTER, 38 TO 54.9 MHZ RANGE CONTINUOUSLY TUNEABLE OR 100 KHZ-STEP DECENT CHANNELS OR TWO PRE-SET CHANNELS. RECEIVES AND TRANSMITS BOTH VOICE AND 1600 HZ RINGING FM SIGNALS. THE OVERALL COMMUNICATION RANGE IS FROM 10 TO 15 MILES. THE RECEIVER CIRCUIT IS A DUAL-CONVERSION SUPERHETERODYNE TYPE WITH THE 1ST IF VARIABLE FROM 4.45 TO 5.45 MHZ AND THE 2ND IF FIXED AT 1.4 MHZ. THE RECEIVER HAS A VARIABLE SQUELCH CONTROL AND A 600 OHM OUTPUT IMPEDANCE. THE TRANSMITTER CIRCUIT USES A CRYSTAL-CONTROLLED OSCILLATOR AND OSCILLATOR POWER AMP AND PUTS OUT 2 WATTS ON LOW POWER VOLTAGE OR 16 WATTS ON HIGH POWER VOLTAGES SUPPLIED FROM THE POWER SUPPLY SOLD SEPARATELY. THE RT-68 ALSO PROVIDES A METER AND TEST SWITCH TO MONITOR TRANSMITTER POWER OUTPUT FILAMENTS AND THE 90 VOLT INPUT. WITH TUBES 4/1U4, 2/1A3, 2/1L4, 4/1R5, 2/1AE4, 1S5, 4/3C4, 3/3A5, 2/3B4, 3A4, 6AK5 AND 2E24. SIZE: 9x13x11 $\frac{1}{2}$ WT: 42 LBS. USED \$75.00



RT-66/GRC RECEIVER-TRANSMITTER SAME AS RT-68 ABOVE EXCEPT 20-27.9 MHZ RANGE. USED \$39.50
RT-67/GRC REC-TRANS. SAME AS RT-68 EXCEPT 27-38.9 MHZ RANGE. REPARABLE \$49.50

PP-112/GRC 24 VOLT POWER SUPPLY FOR THE RT-66, 67 AND 68 SERIES RECEIVER-TRANSMITTERS. THIS UNIT SUPPLIES ALL THE NECESSARY VOLTAGES FOR THE RECEIVER AND TRANSMITTER CIRCUITS. INCLUDES LOW AND HIGH POWER SWITCH FOR THE TRANSMITTER SECTION. SIZE: 9x13x7 $\frac{1}{2}$ WT: 38 LBS. USED \$25.00



PP-112/GRC 24 VOLT POWER SUPPLY FOR THE RT-66, 67 AND 68 SERIES RECEIVER-TRANSMITTERS. THIS UNIT SUPPLIES ALL THE NECESSARY VOLTAGES FOR THE RECEIVER AND TRANSMITTER CIRCUITS. INCLUDES LOW AND HIGH POWER SWITCH FOR THE TRANSMITTER SECTION. SIZE: 9x13x7 $\frac{1}{2}$ WT: 38 LBS. USED \$25.00

PRC-10 RECEIVER-XMITTER

RT-176/PRC-10 RADIO RECEIVER-TRANSMITTER; PORTABLE UNIT OPERATING FROM 38 TO 54.9 MHZ FM VOICE COMMUNICATIONS. THE RECEIVER SECTION HAS AN IF OF 4.3 MHZ AND AN AUDIO OUTPUT IMPED. OF 600 OHMS. TRANSMITTER OUTPUT IS 0.9 WATTS WITH A NORMAL RANGE OF ABOUT FIVE MILES. MICROPHONE INPUT IMPED. 150 OHMS.



BOTH RECEIVER AND TRANSMITTER SECTIONS ARE CONTINUOUSLY TUNEABLE. WITH CONTROLS FOR VOLUME, TUNING, SQUELCH, POINTER ADJUST AND DIAL LOCK. CONNECTOR FOR EXTERNAL SPEAKER. WITH TUBES 9/5678, 2/5672, 3/5676, 1A4 AND 5A6. POWER REQUIRED: 135 VDC, 67 VDC AND 1 $\frac{1}{2}$ VDC. LESS BATTERY CASE. ACCESSORIES LISTED ELSEWHERE. SIZE: 9 $\frac{1}{2}$ x9x10 $\frac{1}{2}$ WT: 9 LBS. RT-176/PRC-10 USED \$29.50
RT-174/PRC-8, SAME AS PRC-10 EXCEPT 20.0 TO 27.9 MHZ. USED-COMLETE, NOT CHECKED, \$30.

RT-175/PRC-9, SAME AS PRC-10, EXCEPT 27.0 TO 38.9 MHZ. USED, COMPLETE, NOT CHECKED, \$35.

AM-598 AMPLIFIER-POWER SUPPLY, USED WITH PRC-8,-9,-10 WHICH PLUGS INTO TOP. FUNCTIONS AS AN AUDIO AMPLIFIER AND ALLOWS FOR 24 VDC OPERATION FOR THESE TRANSCIEVERS. WITH TUBES 2/26E6, 2/12AT7, 26Z5 AND 0C3. 11 $\frac{1}{2}$ x11 $\frac{1}{2}$ x10 $\frac{1}{2}$; 38 LBS. SH. USED, \$24.95



ACCESSORIES

BATTERY CASE CY-744/PRC.....USED \$3.00
AT-272A GOOSENECK ANTENNA BASE...NEW \$1.50
AT-272 RIBBON ANTENNA SECTION...USED \$1.50
AT-271/PRC WHIP ANT., 7-SECTION, 8 $\frac{1}{2}$ FT., \$4.95
H-33/PT HANDSET W/UG-77 PLUG, USED WITH GRC & VRC EQUIPMENT USED \$5.95
M-29/U MICROPHONE W/UG-77 PLUG USED \$3.95
CONNECTOR PLUGS F/GRC & VRC \$2.50
CX-1211 CABLE ASSY(DOBBONE) 14 COND. \$4.95

LS-166/U LOUDSPEAKER 4" HEAVY DUTY PM IN ALUM CASE, 8 OHM OUTPUT, 600 OHM INPUT, HIGH-LOW SW. & UG-77 PLUG. SIZE 5x5x3 $\frac{1}{2}$; 5 LB"U" \$9.95

PRC-6 WALKIE-TALKIE



RT-196/PRC-6 RECEIVER-TRANSMITTER F.M. 47 TO 55.4 MHZ, CRYSTAL CONTROLLED ONE PRESET CHANNEL, ABOUT 1 MILE DEPENDING ON TERRAIN AND CONDITIONS. HANDHELD UNIT HAS PUSH TO TALK SWITCH MIC., PHONE, FOLD DOWN ANTENNA, SHOULDER STRAP ETC. ALSO PROVISIONS FOR USING H-33/PT HANDSET. WITH TUBES 6/5678, 3/5672, 2/5676, 3B4, .POWER REQ. 1.5, 45, AND 90 VDC, USUALLY SUPPLIED BY BA-270 BATTERY (NOT AVAILABLE). SIZE: 15x5x4 $\frac{1}{2}$; 5 LBS. USED, EXCELLENT, \$25.



LS-166/U LOUDSPEAKER; HOUSED IN CAST ALUMINUM CASE, SPEAKER IS 4" WITH HEAVY DUTY P.M. MAGNET, MATCHING TRANS. 600 OHM INPUT, 8 OHM OUTPUT WITH HIGH-LOW SWITCHING, 6 FT. CORD WITH UG-77 CONNECTOR PLUG FOR USE WITH MOST GRC, VRC SERIES SETS. SIZE: 5x5x3 $\frac{1}{2}$; 5 LBS. USED \$9.95

GRC/PRC BATTERY TEST

AN/PSM-13 BATTERY TEST SET; DESIGNED TO CHECK GRC AND PRC-TYPE BATTERY PACKS INCLUDING BA-270, -279, -376, -377, -386/PRC-25, -398/PRC-25, -399, AND -505. METER INDICATES BAD-GOOD (FS=1 MA). WITH ADAPTERS U-240, -241, -242, -297, -314, -315, -346 AND CANVAS CASE. SHPG. WT: 7 LBS. PRICE: USED, EXCELLENT, \$24.95



ME-61/GRC FIELD STRENGTH METER 1.4 TO 24 MHZ IN THREE RANGES. WITH VARIABLE TUNING, SENSITIVITY CONTROL, 1 $\frac{1}{2}$ " SQUARE METER, PHONE JACK AND ANTENNA. SIZE: 5x5x4 $\frac{1}{2}$ WT: 5 LBS. PRICE: UNUSED, \$24.95



RT-70 RECEIVER-TRANSMITTER 47 TO 58.4 MHZ FM VOICE COMMUNICATIONS.

FEATURES CONTINUOUS TUNING OR TWO PRE-SET CHANNELS AND PUSH-TO-TALK TRANSMISSION. THE RECEIVER CIRCUIT IS THE DUAL CONVERSION TYPE WITH THE 1ST IF 4.3 MHZ AND THE 2ND IF 1.4 MHZ. WITH VARIABLE SQUELCH CONTROL. 600 OHM AUDIO OUTPUT IMPEDANCE. THE TRANSMITTER CIRCUIT HAS A 500 MA OUTPUT AND AN AUDIO INPUT IMPED. OF 150 OHMS. POWER REQUIRED: 90 VDC @ 80 MA, 6.3 @ 360 MA AND 6.3 @ 160 MA. WITH TUBES: 6/1U4, 3/1L4, 2/1R5, 1S5, 1AE4, 4/3C4, 3A5, AND 3B4. RELATED ACCESSORY EQUIPMENT LISTED ELSEWHERE. SIZE: 4 $\frac{1}{2}$ x13x8 WT: 20 LBS. USED \$25.00



AM-65/GRC AUDIO FREQUENCY AMPLIFIER; THREE CHANNEL AUDIO FREQ. AMPLIFIER USED FOR INTERPHONE AND MONITORING OF VARIOUS TYPE GRC REC-TRANS. POWER REQUIRED: 135 VDC @ 35 MA AND 6, 12 OR 24 VDC. SIZE: 4 $\frac{1}{2}$ x13x8 WT: 17 LBS. USED \$14.95

PP-282/GRC 24 VDC POWER SUPPLY USED WITH THE AM-65 AND RT-70. THIS UNIT PLUGS INSIDE THE AM-65 AND SUPPLIES THE VOLTAGES FOR BOTH AM-65 AND RT-70. SIZE: 4 $\frac{1}{2}$ x6x3 WT: 6 LBS. USED \$5.95

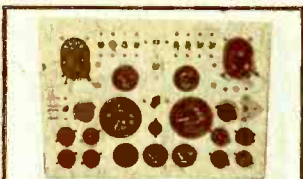
COMBINATION OFFER

WHEN THE RT-70, AM-65 AND PP-282 ARE PURCHASED TOGETHER. ALL THREE FOR \$35.00

TECH MANUALS WITH SCHEMATICS FOR:
RT-196/PRC-6...\$7.50
PRC-9A-10A...\$7.50
RT-66, 67 & 68...\$5.00
RT-70...\$5.00
R-108, 109 & 110...\$7.50
AM-598...\$3.00
PP-109 & 112...\$5.00
AM-65...\$5.00
AN/VRC 13-15 OR AN/VRC 16-18, CONTAIN INFO & SCHEMATICS ON RT-66, 67, 68, R-108, 109, 110, PP-109, 112, VAR. MTG. CONTROL BOX ES. \$7.50

*P.U.R. = PRICE UPON REQUEST

WAREHOUSE CLEARANCE



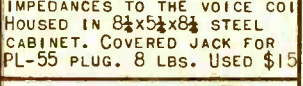
DASHBOARD FROM AN AMPHIBIOUS VEHICLE OR LANDING CRAFT. HAS 2 1/2" DIA. METERS FOR 60°-260° WATER TEMP., 60°-260° OIL TEMP., BATT./GEN., FUEL LEVEL, AND OIL PRESSURE. ALSO 3 1/2" DIA. 0-4000 RPM AND 0-60 MPH INDICATORS, 10/16" DIA. IND. LIGHTS, MAGNETO BOOST-START CONTROL, AND 10 HEAVY DUTY TOGGLE SWITCHES. 19 1/2x14x7; 28 LBS SH. #2520-604-6634, UNUSED \$50.



METERS FOR VEHICLES; 2 1/2" ROUND. UNUSED, \$5.00 EACH.

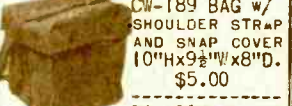
#GPA10844; 0-16 VDC, 12 V RED LINE; STEWART-WARNER. #1513195; 40°/160°/240° F TEMP., 24 V., AC MFG. #BL-111947; BATTERY CHARGE, FS=10 AMPS, RED LINE 6 AMP BENWOOD-LINZE CO. MFG.

LS-3 SPEAKER, 6" SPEAKER W/ PERMANENT MAGNET AND TRANSFORMER FOR MATCHING UP TO 8000 OHM IMPEDANCES TO THE VOICE COIL HOUSED IN 8 1/2x5 1/2x8 1/2 STEEL CABINET. COVERED JACK FOR PL-55 PLUG. 8 LBS. USED \$15



CO-213 CABLE: SEVEN #22 WIRE, 2 SHIELDED WITHIN A OUTER SHIELD THAT ENCLOSES ALL CONDUCTORS. CABLE IS INSULATED AND HAS RUBBER COVERING OVER-ALL. PRICES: 12' \$2/35' \$7.50

CANVAS BAGS, STRAPS AND COVERS, MAY BE USED OR UNUSED. ALL ARE CLEAN WITHOUT TEARS. SHOULDER STRAPS ARE ADJUSTABLE AND MADE OF COTTON WEBBING.



CW-189 BAG W/ SHOULDER STRAP AND SNAP COVER 10"Hx9 1/2"Wx8"D. \$5.00

BG-102 BAG, SIMILAR TO ABOVE, BUT 13"Hx12"Wx9"D, \$4.00

BG-1942 BAG, AS ABOVE WITH STRAP CLOSE COVER AND 8"Hx8"Wx2 1/2"D, \$2.50

BG-186 BAG, LIKE CW-189 BUT W/3 COMPARTMENTS 5x3x5 O/A 9 1/2"Hx14"Wx4"D, \$3.50

CS-76 BAG, LIKE CW-189 BUT DUZ COVER CLOSURE. 7"Hx10"Wx8"D, \$2.75

ST-19 CARRYING STRAP, 65" LG. X 2 1/2"W; W/2" SWIVEL-EYE SNAP HOOK AND TONGUELESS-BAR BUCKLE NEAR ONE END TO ADJUST LENGTH. \$3.00

ST-42 CARRYING STRAP, AS ABOVE, NO SWIVEL, \$2.50

ST-54 CARRYING HARNESS AS USED WITH BC-1000 TRANSCIEVER; 38 1/2" EXTENDED LENGTH, 14" WIDTH. ADJUSTABLE STRAPS AND SNAP HOOK, \$3.

ST-120 HARNESS FOR PRC-8-9 -10 RADIO SETS. SIMILAR TO ABOVE, SAME USE, \$5.00

CW-216 CARRYING BAG F/PRC ANTENNA AND H-33 HANDSET, COMPARTMENTS FOR EACH. O/A 19" LONG WITH TOP 5" WIDE TAPERING TO 3" WIDE AT BOTTOM, 3 1/2" DEEP. W/SNAP COVERS AND HANGER FOR AMMO BELT, \$6.00

CW-206 ROLL BAG FOR MS-116 SERIES MAST SECTIONS. COMPARTMENTS FOR GRC-SERIES SET ACCESSORIES. SNAP AND WEB STRAP CLOSURE. O/A 4-J" LONG, 3"Hx5"D. \$5.00



STEPPING POTENTIOMETER RESISTOR BANK, 100,000 OHMS IN 20 STEPS, 5K OHMS EACH; 20 W. GOOD FOUNDATION FOR TESTER. 5 1/2x3, 5/16" SHAFT. 3 LBS. #227281.3, \$3.95

GENERAL RADIO TYPE 371 OLD PRECISION POT, 20K OHMS. 2 1/2x2 1/2; #283-7444, \$2.95

DE-JUR DUAL POTENTIOMETER, OLD STYLE, 10K OHMS. MODEL 2600, 3 1/2x4 1/2, \$1.50

GENERAL RADIO POT TYPE 314 S64, 100K OHM, 3x1 1/2, 3/16" SHAFT. #7622541, \$2.95

FAIRCHILD TYPE 746, 23K OHM 2.5 WATTS, 1 1/2 POT. 1x1 1/2, #7630490, \$3.95

THE MUTER CO. TYPE 433 AC POT (REAL ANTIQUE), 10K 5x2 1/2. #C10B-2738, \$1.50

SPECTROL MODEL 300-5041 DUAL 100K OHM LINEAR POT; 5%. 2x1 1/2, #1258, \$4.95

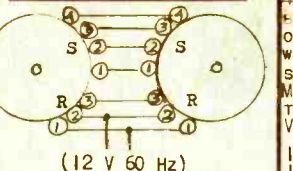
BECKMAN HELIPOT, DUAL 1K OHMS 3 TURNS; 2x2x2 1/2, #5905-827-2588, \$4.95

HELIPOT, 10K OHMS, 1%; 3 TURNS, 1 1/2x1 1/2. REMOVED. #446-49-2018, \$2.00

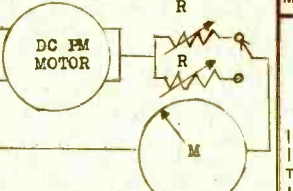
FAIRCHILD 7-GANG PRECISION POT, 20K OHM 2.5 WATT 0.5% EA. SECTION. 4 1/2x1 1/2. MODEL 746, \$4.95

EXPLOSION PROOF STEEL BOX FOR INTERPHONE HANDSET; MOUNTED ON REAR OF TANK. HAS HANDSET HOLDER, CONTROL BOX, INDICATOR LIGHT, HEAVY SPRING LATCH, AND CABLE CLAMP. SIZE 14x10x6 1/2; 35 LBS. SH. #BC-13E2, \$6.00

WIND SPEED



(12 V 60 Hz) WIND DIRECTION INDICATOR using the Sperry #R5663642 selsyns on page 17. Design your own wind vane and indicator so that you can check wind direction from inside your house. Selsyns #R5663642, unused, \$2.95 ea



WIND SPEED INDICATOR using a 24 VDC FM motor (p.17) as a generator, a 200 microammeter, and a resistor range scaler so that wind speed may be monitored indoors. We'll supply the FM motor and a 3 1/2" rd. 0-200 scale (FS=200 uA) meter; you design the rest. #WS-MOTOR & METER, \$7.95

AY-1 AUTOSYN MOTOR AS USED IN 1-81-1-82 ETC. DIRECT REPLACEMENT. \$5.95

1-81 & 1-82 ARMATURES ONLY #3H2716/A1, UNUSED, \$3.95

1-82 GLASS ONLY, \$2.00

ARVIN SENSITIVE SWITCH, SPRING ACTION; 2 1/2" SPRING. 2 1/2x1x 1/2 BASE. #ARV92700 \$1.

LANDING GEAR SWITCH ASSY. SPDT PLUNGER-TYPE. 2 1/2" LG. PLUNGER; 3x2 1/2x1 1/2, \$2.00

VO-6 OSCILLATOR CRYSTAL CONTROL 4.3 MHZ; VARIABLE 0-100 U-V OUTPUT. USED WITH VARIOUS SETS HAVING 4.3 MHZ IF. W/1T4 TUBE. REQUIRES 1.5 AND 67.5 VDC. 5x5x3 1/2, 5 LBS. USED \$8

1-210 ALIGNMENT INDICATOR USED WITH VO-6. HAS 6E5 EYE TUBE FOR INDICATION ALSO CHECKS RESISTANCE TO 50K OHMS AND 0-4.5-6-30 V. REQUIRES 4.5 OR 7.5 VDC AND 60, 90, OR 150 VDC. 5 1/2x4 1/2x2; 3 LBS. SH. USED \$9

ME-40 MANUAL FOR ABOVE, \$3.

1D-6B/APA-44 AIR SPEED INDICATOR; CONTAINS A KOLLSMAN TRUE AIR SPEED METER AND A INDICATING WITH A RANGE OF 84 TO 434 KNOTS. HAS OSTER MOTOR AV-240, RELAY, 1/6AK5 TUBE, COMPENSATING DEVICE PLUS MANY OTHER COMPONENTS. 15x7 1/2x5; 20 LBS. USED \$15.

SPERTI VACUUM SWITCH SIMILAR ONE IN ART-13 XMITTER KEYING RELAY. GLASS, SPDT. #3340-5345, \$3.00

PUSH SWITCH ASSY, 9 SWITCH SP PUSH OFF, 8/DPST CANCEL ING TYPE WITH ONLY ONE IN USE AT A TIME; W/BUTTONS, 5 1/2x2x2 1/2. #Z29903A, \$3.95

INTERLOCK SWITCH, HEAVY-DUTY 2" COPPER STRIP CONTACTS OPEN WHEN DOOR IS OPENED. PLUNGER 1-1/8"; 2 1/2x1x2 1/2. ONE-LITE #231 \$2

BC-610 XMITTER INTERLOCK SWITCH, 2 1/2x 1/2. GE#7760014-2, \$2.00

RECEIVERS

R-390/URR RECEIVER, 0.5 to 32 Mhz; similar to R-390A, but does not have mechanical filters. Used, repairable, \$250.00; Checked, \$375.00

R-391/URR RECEIVER, 0.5-32 Mhz AM, CW, FS; similar to R-390 plus autotune for eight preset channels. Autotune requires 24 VDC 3 amps; rackmount. Used, repairable, \$285.00

R-274D/FRR RECEIVER, 0.54-54 Mhz, similar specs as SP600-JX; w/cabinet, used-rep \$300.

NEMS-CLARKE 1501 FM TELEMETRY RECEIVER, 55-260 Mhz on one band; w/book, used-rep. \$275

GALAXY SIX CHANNEL RECEIVER, 2-18 Mhz USE, LSB, CW; solid-state, rackmt. used-rep \$135

RUQ VHF RECEIVER, 108-152 Mhz AM single channel; rackmount. Collins mfg., used, \$60.00

ALUMINUM ENCLOSURE AND CHASSIS F/ CU-991 COUPLER ADAPT AS-IS TO YOUR NEEDS OR RE-WORK WITH TIN SNIPS AND HACKSAW. 7 1/2"Hx10"Wx10"D ENCLOSURE GAINS EXTRA SUPPORT FROM CHASSIS FRAME. FRONT PIECE HAS CUT-OUTS FOR 1 1/2" METER AND TWO CONNECTORS; ALSO REMOVABLE 4x2x2 ANT. INSULATOR. 8 LBS. #ENC/CU-991, \$5

TV-7 TUBE TESTER, checks most military and older commercial receiving and low-power transmitting tubes; portable, 25 lbs. sh. Gov't reconditioned, \$65. MANUAL, \$7.50

HYDROPHONES

DT-242/BQ SONAR HYDROPHONE, 30 KHz response approx. 9 1/2" lg. X 2 1/2" dia. With min. 150 ft. 2-cond. shielded cable. 28 lbs. sh. Used, \$22. W/bracket, \$27.

DT-513/BQ AMPLIFIED SONAR HYDROPHONE, 25-100 KHz response, 30 KHz peak. Requires +12-24 VDC for internally sealed amplifier. 7" lg X 1 1/2" dia. with 6" dia. isolator. On min. 150 ft. 4-cond FSS-2 shielded cable. 27 lbs. sh. Used, \$32.

C-1 CONTROL BALLISTICS UNIT. PART OF BOMBING NAVIGATIONAL COMPUTER. HAS 4 DIALS AND KNOBS CONNECTED TO GEARS AND AUTOSYN RESOLVER SPERRY #662448 5EA. #662426 2EA. 5663478 2EA., ALSO ROTARY WAFER 4 DECK 10 POSITION ETC. SIZE 9x12x8; 20 LBS. #PT654573 \$20

C-1192/SRT-4 CONTROL UNIT FOR 115 VDC GENERATOR CONTAINS 3" METER 1.5 KILOVOLT D.C. SCALE, 150 WATT RHEOSTATS DUAL 378 & 585 OHMS. HEAVY DUTY START-STOP SWITCH, 12 POSITION TERM. STRIP, FUSE ETC. IN HINGED METAL BOX SIZE 12 1/2x10 1/2x6 1/2; 15LBS. UNUSED \$14.95

SA-306/SRT GE MAGNETIC CONTROLLER STARTER MOTOR 115 VOLTS D.C. WITH THERMAL HEATER CUT-OFF #81D254, GE#6934846G11 STANDARD BOX SIZE 7x9x7; 15LBS. UNUSED \$15

RADIO-TEST EQUIP. PARTS

We have parts for R-388, R-390, R-392, and other receivers offered in this catalog. Also parts available for most of the TEST EQUIPMENT listed. WRITE us your specific needs.

TECHNICAL MATERIELS CORP. (TMC) equipment, Write with JASB for current listing.

BRUEL & KJAER TYPE 2005 HETERODYNE VOLTMETER, useful from 20 KHz to 30 Mhz; Used-rep. \$95.

NCR CIRCUIT ASSY #315-015-052-0507, HAS FOUR 2 AMP DIODES; 2/150 MFD. 150 VDC CAPACITORS A RCA 6 AMP SCR ON HEAT-SINK; 3/250 OHM 50 W AND A 250 OHM 25 W DALE RESISTORS; AND 11 TERMINAL BARRIER STRIP. 12x5x3, 6 LBS. USED, \$2.75

NCR CIRCUIT ASSY #315-015-601E, HAS 4/20 OHM 25 W DALE RESISTORS; 8/1 AMP DIODES; 2/10 TERMINAL STRIP; AND FOUR GLASS THERMAL CIRCUIT BREAKERS ABOUT 1 A. 9x5x1, USED \$2.25

NCR CHASSIS ASSY. #315-015-603 WITH NINE 60 V. 5 AMP. NPN SILICON TRANSISTORS WITH INSULATORS (SIMILAR TO 2N3055). STEEL CHASSIS SIZE 9x1x5 1/2; 4 LB. RE-MOVED \$2.50

NCR PANEL ASSY. #315-051-5590 WITH FOURTEEN BANANA JACKS, 1/SPDT MOMENTARY, CENTER OFF, 10 A. 250 V. SWITCH, 1/SPDT 10A., 125V. SWITCH. 2 CHROME HANDLES 4"x2 1/2", 5LBS. RE-MOVED \$3

MINIMUM ORDER \$5.00

QUANTITIES LIMITED



AM-141 R.F. AMPLIFIER
PLUG-IN COIL WITH BANANA
JACKS. 8x5x7 1/2 INCL. JACKS
USE #

250	3.6-5.0 MHZ WVL	\$8.00
252	7.0-9.0 " "	\$8.00
253	9.0-12.0 " "	\$8.00
254	12.0-18.0 " "	\$3.00

#3C1087 PLUS USE #

T-4/FRC TRANSMITTER COILS
PLUG-IN TYPE WITH BANANA
JACKS

NUMBER	FREQUENCY KHZ	PRICE
1535	2800-2850	\$4
1541	3516-3800	\$4
1537	5845-5000	\$4
1548	5195-6000	\$4
1549	7180-7573	\$4
1538	7573-7600	\$4
1542	9230-10000	\$4
1543	11720-12000	\$4
1544	14850-15000	\$4

STOCK# USE T-4 & COIL #

COILS-MIXED-NUMBERS-TRANS.
WITH BANANA JACKS.

NUMBER	FREQUENCY KHZ	PRICE
2354	3550-4500	\$4
2356	5750-7200	\$4
2359	12.7-18000	\$4
20113	2000-3500	\$4

#5950 LARGE COILS & (NUMBER



MEISSNER PLUG-IN COILS, 3
IN SET INCLUDING OSC. GRID,
OSC. PLATE, AND BUFFER.

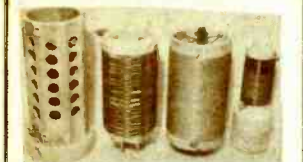
No.	KHZ	PRICE
3C368-14	1000-1170	\$3.00
3C2500-51	2040-2410	2.00
3C2500-52	2395-2835	2.50
3C2500-17	7000-7300	3.50

STANDARD 4, 5, 6 PRONG SOCKETS REQUIRED FOR EACH SET.

BUD TRANSMITTING PLUG-IN
COILS MOUNTED ON FIVE PIN
CERAMIC BASE,

3C804	40 METERS	\$2.00
3C805	20 "	\$3.00

OTHER AIR DUCT COILS AVAIL-
ABLE. WRITE TELL US NEEDS.



ART-13 ANTENNA LOADING /
INDUCTOR COIL; SPACE WOUND
FOR 43 TURNS WIRE #14.
5x2x2; 1LB. #ART13L113 \$1

PLUG-IN 5 PRONG CERAMIC
WITH APPROX. 20 TURNS #14
WIRE. SIZE; 3x1 1/2; 8 OZ.
5P-20T-14W \$2.00

ANTENNA TUNING INDUCTOR
COIL ONLY FOR COMMAND
TRANSMITTERS. NO SIDE
BRACKETS OR ROLLER CONTACT
ASSY. NOT AVAILABLE FOR ALL
FREQ. GIVE 1ST, SECOND AND
3RD. ETC. CHOICES.
2C6596A/J-COIL USED \$3.95

ART-13 H.F.O. TUNING COIL
SPECIAL PRECISION WOUND
INDUCTOR. L-101
4x1x1; #ART-13-643 \$2.00

BROWN, 2-COND CLOTH-COVERED
LINE CORD, 6', UNUSED \$1.25



TRANSMITTER P.A. COIL VARI-
OMETER TYPE 5.3-7MC.
4x2 1/2" #7249 RE-MOVED \$2

TRANSMITTER OSC. M.O. COIL FOR
7-9.1 MC. #6032 REM \$1

RECEIVER I.F. COIL 2830KHZ
7277 6-9.1 MHZ 1ST I.F. \$2
7278 NOT AVAILABLE, 7277
CAN BE USED F/7278, RE-MTG.
7279 6-9.1 MHZ 3RD I.F. \$2.
5856 6-9.1 " OSC. \$1.50
6234 6-9.1 " RF SECTION \$5

RECEIVER COILS 1415 MHZ
7274 3-6 MHZ. 1ST I.F. \$2
7275 " " 2ND I.F.
CAN BE RE-MOUNTED USE 7274

5855 3-6 MHZ osc. \$1.50

10786 190-550 KHZ COIL
85 KHZ I.F. \$3.00
5853 550-1500 KHZ COIL
239 KHZ OSC. \$3.00

18197 235 KHZ I.F. \$3.00

12197 I.F. 15 MHZ-3 \$2.00
12198 I.F. 15 MHZ-4 \$2.00

OTHER COMMAND RECEIVER
COILS, SMALL QTY. WRITE

PARASITIC SUPPRESSOR; FIVE
TURNS #8 WIRE 0.56 MHY, 100
OHM RES. 2 WATT, 5x2x2 1/2"
BUNNEL #GKMAMP.
#3Z1891-30 \$2.

NATIONAL BAND PASS FILTER
12-24 MHZ. OPERATING FREQ.
PLUGS INTO 5 PIN SOCKET.
4 1/2x2 1/2x2. 3Z1892-62.15 \$2.
SAME AS ABOVE .4-6.0 MHZ.
3Z1892-62.2 \$2.

NATIONAL NC-100 ASC CW OSC
TUNING COIL, 456 KHZ. (T-104
229730) \$3.00

WILCOX RECEIVER BFO COIL
455 KHZ, DUAL AIR TRIMMER
WITH 1/4" SHAFT TOP OF CAN
229644.4 \$2.00

BC-683 LCUC3 COIL \$2.00

BC-348C RECEIVER I.F. COILS
1ST 9A1952 \$147 \$3.00
2ND 9A1953 \$148 \$3.00

COLLINS 32RA COILS 7000-C5
TUNING EXCITATION RANGE A.
RANGE B, 9-12 MHZ, \$2.00
RANGE C, 12-15 MHZ, \$2.00
ABOVE HAVE SEVEN PRONG BASE

BC-610

BC-610 TRANSMITTER PLUG-IN
TUNING UNITS AND COILS,

TU-47	2.0 to 2.5 MHZ	\$7.50
TU-48	2.5 to 3.2 " "	7.50
TU-49	3.2 to 4.0 " "	7.50
TU-50	4.0 to 5.0 " "	7.50
TU-51	5.0 to 6.35 " "	7.50
TU-52	6.35- 8.0 " "	7.50
TU-53	8.0 to 12.0 " "	7.50
TU-54	12 to 18 " "	12.00

STOCK #BC-610 PLUS TU#.

C-387U	2.0-3.5 MHZ WVL	\$6
C-388A	3.5-4.5 " "	\$6
C-389C	4.5-5.7 " "	\$6
C-389A	" " " "	NVL \$4
C-390C	5.7-8.0 " "	\$6
C-447	8.0-11.0 " "	NVL \$4
C-447B	" " " "	NVL \$6
C-448B	11.-14. " "	NVL \$6
C-449	14.-18. " "	NVL \$4
C-454	1.5-2.0 " "	\$8



INSULATOR THREADED BRASS
EACH END FOR 1/4" SCREW.
#CLASS 16U-2 1/2x1 1/2" \$2.
" 16U-3 1/2x2 " \$3.

INSULATOR STANDOFF FEED-
THRU, THREADED ONE END;
3/8" HOLE. ACE-3"HX1 1/2" \$1.

SPREADER INSULATORS

No.	SIZE	HOLE	PRICE
IN-88	2 1/2x 1/2	1/16	25¢
CSJ-61192	4 1/2x 1/2	3/16	35¢
498-3827	12x 1/2	3/16	\$2.

STRAIN INSULATOR
BROWN 2 1/2"x 1 1/2" HOLES EA
END, OPPOSITE SIDES. #3G100
PRICES: 79¢ EA. 4 FOR \$3.
Box of 200 \$125.00



VARIABLE TIME DELAY RELAY
DPDT 120 VAC 10 A RESIS-
TIVE CONTACTS; USES EXTER-
NAL RESISTOR-VARY DELAY
FROM 1.0 TO 120 SECONDS.
PLUG-IN TYPE, 2x1-3/8x1 1/2.
NCR-REMOVED WITH SOCKET.
P & B #CUF41-70120, \$3.95

P & B 3PDT PLUG-IN TYPE
RELAY WITH 24 VDC COIL.
120 VAC 10 A. CONTACTS.
#KUP14D15, W/SOCKET, \$2.95

AC CONTROL RELAY, 120 VAC
COIL; SPST N. OPEN 10 A.
AND SPST N. CLSD. 10 A.
CONTACTS. SEALED CAN, SOL-
DER TERM. 3 STUD MTC. 2 1/2x
1 1/2x1 1/2. #7321/6717, \$2.50

LOW CURRENT RELAY, 13 V.
MIN.; 2500Ω, SPDT 10 A. CON-
TACT; USABLE F/ALARM CIR-
CUIT W/LOW STANDBY CURRENT
2x2x1; P&B#LM-1600-1 \$3.95

PLATE RELAY 9500 OHMS DPDT
SEALED METAL CAN REQUIRES
OCTAL SOCKET. 2 1/2x1 1/2x1-3/8
P & B #KR-4175-1, \$1.50

3PST NORM. OPEN 32 VDC 10
AMP. CONTACTS. 24-28 VDC
COIL. 3x2 1/2x1 1/2. APG-30
GE#P7772624(SEALED) \$2.00

3PDT RELAY, 10 AMP. SEALED
CLASS C, 28 VDC COIL.
3x2 1/2x2 1/2. AN3312-2
LEACH No. 9648-3466 \$4.95



SYNTHESIZER IF & AFC DE-
TECTOR ASSEMBLY WITH TWO
STAGES 4.5 MHZ IF, ONE
STAGE 450 KHZ IF, MIXER
TRANSFORMER ETC. W/TUBES
3/5702, 5784, 5829, 5703.
TWO UG-1051 COAX CONN.,
CRYSTAL SOCKET ETC. USED.
9 1/2x3 1/2, 2 LBS. RD28105, \$6

THERMAL SWITCH; NORMALLY
SET SO THAT THE POWER TO
THE CONTROLLED CIRCUIT IS
CUT OFF APPROX. 30 SECONDS
AFTER COOLING AIR FLOW IS
CUT OFF. OPERATES FROM 130
VAC, APPROX 2000 OHM RESIS-
TANCE. CERAMIC UNIT 1-3/8" DIA X 1 1/2"
MOUNTED ON PLATE 3 1/2x1 1/2, 20'
WIRE LEADS. #M-4199 \$1 6/5



TRANSMITTER TUNING ASSY.
225-350 MHZ. USING 1/2C39
POWER AMPL. 1/2C39 AS DRIV-
ER AND 6F4 OSC. 1/6F4 DOUB-
LER. TUNED CIRCUITS ARE
GANGED FOR SINGLE KNOB
CONTROL. ALSO HAS 4.5 VOLT
12 RPM MOTOR. RE-MOVED
FROM ARC-12 REC.-TRANS. EQ
10x6x4; 9LBS. KS-10362
PRICE, LESS TUBES \$7.95
" WITH TUBES \$20.00

RECEIVER TUNING ASSEMBLY
225-350 MHZ., OUTPUT TO 15.1
MHZ. CONSIST OF R.F. MIXER
AND H.F. OSC. CIRCUITS.
USES 6/6AK5 & 1/6AS6 TUBES.
FOUR GANG VAR. CAP. 4-24
MMFD. EA. SEC. OTHER FOUR
GANG 3 SEC. 4-25, ONE 5-41
GANGED FOR SINGLE KNOB CON-
TROL. RE-MOVED FROM RT/ARC-
12 EQ. SIZE; 8x5x3; 5 LBS.
KS-10329
LESS TUBES \$4.95 WITH \$8.



BC-728 RECEIVER FRONT END
120 VAC 10 A. CONTACTS.
#KUP14D15, W/SOCKET, \$2.95

RECEIVER PRE-SELECTOR ASSY.
230-250 F.M. CONSISTS OF RF
MIXER & OSC. USING SPIRAL
INDUCTOR. FOR USE WITH
30 MHZ. I.F. TUBES REQUIRE
2/6AG5 & 1/9002. RE-MOVED
FROM R-48 REC. 6x5x4; 5LB
LESS TUBES \$5 WITH \$9.00



U.H.F. ANTENNA, RF & MIXER
ASSY. WITH COILS, 3 ACORN
SOCKETS, RES. COND. COVER.
FREQ. APPROX. 150-220 MC.
USES TUBES 1/955 & 3/956
SIZE: 8x3x3 1/2; 3 LBS. UNUSED
#3C2650 LESS TUBES \$3.95
FOR TUBES SEE PAGE 21

TIMING OSC. COIL 12.4 KHZ.
TANK & FEEDBACK WITH ADJ-
USTABLE IRON CORE. (POTTED)
3 1/2x3 1/2x3; #2C680-1293-A1 \$3

RU-18 & 19

RU-18 & RU-19 RECEIVER
COIL SETS & ACCESSORIES

CW-47068	850-1330 KHZ	\$6
CW-47069	1330-2040 " "	\$5
CW-47070	2040-3000 " "	\$5
CW-47072	4000-6000 " "	\$5
CW-47075	9050-13575 " "	\$5
CW-47108	540-830 " "	\$8
CW-47204	540-830 " "	\$8
CW-47204	2040-3000 " "	\$8
CW-46011	MOUNTING BASE	\$3
CW-62007	JUNCTION BOX	\$3
CW-23012	REMOTE TUNER	\$3
CW-23087	SWITCH BOX	\$3
CW-22266	TEST METER	\$6

OLD RADIO TUBE SOCKETS BY
INSULINE CORP. 1-3/8" DIA.
SOCKET RAISED #1 OFF 2" W.
MTG. SHOULDER; PLASTIC.
5 OR 6-PIN, UNUSED, \$1. EA.

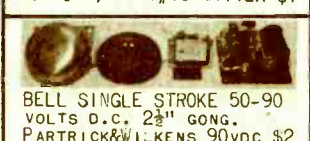


BC-746 TUNING UNIT: USED
W/BC-745 REC.-TRANS. IN THE
2-6 MHZ. RANGE. CONTAINS THE
FT-243 CRYSTAL FOR THE REC
TRANS. R.F. AND ANT. COIL
AND VAR. CAP. 6.5-140 MMFD.
CHANNEL TRANSMIT RECEIVER
No. KHZ. KHZ.

4	4845	5300
5	5500	5955
6	5880	6335
9	3655	4110
11	4780	5235
12	5030	5485
13	5305	5700

SIZE: 4x3x1 1/2; 1LB. UNUSED \$2

TRANSISTOR SWITCH ASSY
ALUMINUM CHASSIS WITH 4/
2N418(TO-3) 6/TO-5 TRANSIS-
TORS, 69 PUSH IN SOLDER
TERMINALS ETC. RE-MOVE THE
PARTS AND USE THE CHASSIS
FOR SPEC. PROJECT.
3 1/2x3 1/2x2; 8oz. #104611TEX \$1

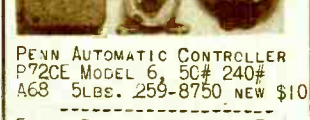


BELL SINGLE STROKE 50-90
VOLTS D.C. 2 1/2" GONG.
PARTRICK & WILKENS 90VDC \$2

BELL 20 HZ. 90 V. FOR TEL-
EPHONE HAZ. CRANK GENERAT-
2 1/2" GONG. WHEEL OX VP2-1 \$5

BUZZER 6-12 VDC. 1x1 1/2x 1/2"
EDWARDS #1372 PC90788C \$2

RELAY SENSITIVE TYPE 300
OHMS, OPERATES 2.05 VOLTS
S.P.D.T. RCA11801-1 \$1.50



PENN AUTOMATIC CONTROLLER
P72CE MODEL 6, 50# 240#
A63 5LBS. 259-8750 NEW \$10

Essex Pressure Switch 7400-
7. DIFFERENTIAL PRESS. SETT.
(PSI) 2 VOLTS. 29.2 AMPS. NEW
709-0041 (RIGHT PHOTO) \$10

MELETRON ACTUATED PRESSURE
SWITCH 4151-228-7 26.5"HGA
PSI 25ABS/29VDC 4.5A. \$5.00

RANCO PRESSURE SWITCH G26-
5005 AO 2/G.O. S40102.
HIGH PRESS. G23-5258 AO 1
OIT 275 **G20-4008 AO 1 LOW
PRESS OUT 40 IN 50.
115/230 AC 3 WIRE 20A LOAD
IH5930-817-7338 NEW \$10

CUSTOM COMP. PRESSURE SW.
FUEL PSIG 240, 30VDC .6 A.
5930-538-4996 NEW \$3.00

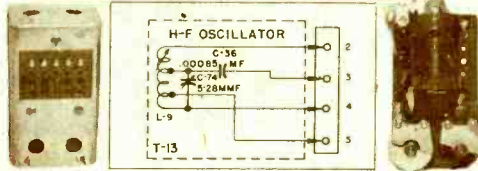
APPLIANCE MFG. PRESSURE SW
#11-200, 20 LB. 24 VDC.
#072836670 NEW \$3.00

OTHER PRESSURE SWITCHES IN
STOCK. WRITE YOUR NEEDS.

DAVEN NETWORK "T"
609/600 OHMS
1 DB/STEPS
50 DB TOTAL
SPEC. 4094A
SIZE: 2 1/2x2 1/2
#FGC-29/4094 RE-MOVED \$8

WAREHOUSE CLEARANCE

NATIONAL HRO COILS



INDIVIDUAL COILS for National HRO-5 receiver coil sets; replace faulty units or build your own coil racks. Please order by number. National mfg., unused, \$2.50 ea.; 4 for \$8.

KHZ	1st RF	2nd RF	MIXER	OSC.
50-100	#E112	#E113	#E114	—
	BL42	BL43	BL44	—
100-200	—	E109	E110	#E111
	BL38	BL39	BL40	—
175-400	—	—	—	BL13
400-900	—	BL15	—	BL17
900-2000	BL18	BL19	BL20	BL21
2-4 MHZ	—	BL23	—	BL25
4-7 "	BL26	BL27	BL28	BL29
7-14 "	BL30	BL31	—	BL33
14-30 "	BL34	—	BL36	BL37
	E80	—	—	E87

QUANTITIES LIMITED ON SOME. GIVE 2nd CHOICE.

R-140 MANUAL for mil-HRO-5 receiver, \$7.50
 R-520 MANUAL for mil-Zenith Transoceanic, \$6.
 RME RECEIVER, 0.5-32 Mhz, appears similar to RME 69; w/cabinet, used, repairable, \$115.
 HALLCRAFTERS S-27 RECEIVER, 27-145 Mhz, w/cabinet, used, repairable, \$135.00

VINTAGE RADIO VINTAGE RADIO 1887-1929, pictorial story of radio's early years; 1000+ pics, \$8.95
 A FLICK OF THE SWITCH 1930-1950, sequel to Vintage Radio; military, TV incld. \$8.95
 1921-1932 RADIO COLLECTOR'S GUIDE, identification info on 9000 old radios, 263 pp. \$6.95
 MOST-OFTEN-NEEDED 1926-1938 RADIO DIAGRAMS, reprint of Beitman's book of 600 schem., \$7.

ARRL BOOKS 1979 RADIO AMATEUR'S HANDBOOK, new, enlarged edition, 540+ p. \$9.75
 1978 RADIO AMATEUR'S HANDBOOK, bargain \$4.50
 ANTENNA BOOK, theory and instructions, \$5.00
 ANTENNA ANTHOLOGY from QST articles; NEW, \$4.
 UNDERSTANDING AMATEUR RADIO, revised ed. \$5.
 LICENSE MANUAL, study guide for novice, \$3.00
 HINTS AND KINKS, 1978 ed., \$4.00 ('75 ed. \$2)
 FM & REPEATERS, 1978 ed., \$5.00 ('76 ed. \$4)
 SINGLE SIDEBAND, articles from QST, \$4.00
 A COURSE IN RADIO FUNDAMENTALS, \$4.00
 RADIO AMATEUR'S V.H.F. MANUAL, \$4.00
 RADIO AMATEUR'S OPERATING GUIDE, \$4.00
 SPECIALIZED COMMUNICATIONS, SSTV, FAX, \$4.00
 GETTING TO KNOW OSCAR, reprints from QST, \$3.
 RADIO FREQUENCY INTERFERENCE, NEW \$5.00
 L/C/F CALCULATOR, induct./capac./freq., \$3.00
 TUNE IN THE WORLD WITH HAM RADIO, cassette and workbook introduction to radio, \$7.00
 ELECTRONICS DATA BOOK, circuits collect., \$4.
 SOLID STATE BASICS for the amateur, \$5.00
 SOLID STATE DESIGN for the amateur, \$7.00
 LEARNING TO WORK WITH IC'S, learn by doing \$2

COMPUTER BOOKS UNDERSTANDING MICROCOMPUTERS, 300 p. intro to micros for laymen, \$9.95
 THE SCELBI BYTE PRIMER, 400 p. 8 1/2x11 1/2 anthology of articles on microcomputers, \$10.95

TRIM PHONE
 MODERN TRIM-STYLE TELEPHONE with dial and modular jack on approx. 6 foot cord. Mount it on a wall or use as a desk phone. Completely refurbished. Available in beige, yellow-gold, green, red, white or black. Specify 1st and 2nd choice of color. 4 lbs. sh. \$34.95

SPEED CONTROL BOX, consists of 115 VAC 60 Hz transformer in a box with an output selector switch marked OFF-HI-MED-LOW. WHEN BOX IS PLACED IN SERIES BETWEEN AC LINE AND LOAD, SELECTOR ALLOWS OFF, 100%, 40%, OR 20% OF INPUT TO LOAD. 100 WATTS. SIZE: 4 1/2x4 1/2x2 1/2; 6 LBS. SH. #230428, UNUSED, \$2.95

ANTENNA TUNER

BC-939/TN-339 ANTENNA TUNER, used with 400 watt 2-18 Mhz BC-610 transmitter. Tuner covers range in bands 2-10 Mhz and 10-18 Mhz using two 100-turn counters and one 10-turn counter. Has three variable inductors, one each rated 103 uHy, 13.8 uHy, and 1.3 uHy. Also has 0-15 RF ammeter 3/8" dia. and two fixed vacuum capacitors one rated 12 pf 20 KV, the other 55 pf 32 KV. Use the tuner as-is or adapt its components to your needs. BC-939 or TN-339 and grey or black units shipped as available. Size: 11 1/2x14 1/2x2 3/8, 75 lbs sh. Used, \$85.00



ANTENNA TUNING

ANTENNA TUNING UNITS from GP-7 transmitter. All have various capacitors, coils, tuning drives, and couplings. Ceramic rotary switches rated 10 amp 3 KV except Ant. tune rated 15 A. 15 KV. Units can be used as-is or for parts. 8 1/2x11 x9; 15 lbs. sh.

#BAND A/GP-7 (350-800 KHz); has 2/single variometers, 1/double variometer; SP5T, SP-4T, and SPDT rotary sw., SP5T Ant. \$15.95

#BAND B/GP-7 (800-1500 KHz); similar to above except Ant. switch SP4T, \$14.95

#BAND C/GP-7 (1500-3000 KHz), like A, \$14.95

#BAND D/GP-7 (3000-4525 KHz); 245 pf 2 KV and 86 pf 4500 Vrms variable capacitors; SP4T rotary sw., SP5T Ant. sw., \$16.95

#BAND E/GP-7 (4525-6500 KHz); 156 pf 2 KV and 36 pf 4.5 KVrms var. capacitors; 15 uHy roller inductor with spin knob assembly; SP3T rotary sw., and other parts, \$22.95

#BAND F/GP-7 (6200-9050 KHz); same as "E", except 6 uHy inductor, plus SPDT sw. \$21.95
 TRANSIT CASE w/cover for GP-7 tuning unit \$5.

NAVIGATIONAL RECEIVERS

AIRBORNE NAVIGATIONAL RECEIVER, 26 VDC, USED w/TUEES. SCHEMATICS \$2 EA



R-89/ARN-5A GLIDE-PATH RECEIVER, CHANNELS 332.6 333.8, AND 335.0 MHZ; 10 TUBES. 5x6x14, \$9.95

R-430/ARN-5C, MORE RECENT VERS. R-89, \$12.95
 R-122/ARN-12 MARKER BEACON, 75 MHZ FIXED, 9 TUBES. 6x5 1/2x10. 12 LBS SH. \$9.95

R-322/ARN-18 GLIDE-PATH RECEIVER, 329.3-335 MHZ, 20 CHANNELS IN 300 KHZ STEPS. WITH 16 TUBES, 115 VAC 400 HZ. 7 1/2x5x13, \$24.95

R-445/ARN-30 AIRCRAFT RECEIVER, 108-135 MHZ; SAME AS ARC R-13B. DESIGNED TO BE TUNED REMOTELY WITH SPLINE SHAFT. WITH TUBES 3/9003, 9002, 2/14R7, 14A7, 14F7 AND 12A6. REQUIRES 250 VDC 60 MA AND 28 VDC. SIZE: 6 1/2x5 1/2x1 1/2, 12 LBS. SH. USED, \$19.95

D-10/DM-32 DYNAMOTOR, 24 VDC, \$4.95
 POWER CONNECTOR, \$2.00; SCHEMATIC, \$2.00
 C-1254/ARN-30 CONTROL; DIAL, VOL., UNUSED \$8.
 MC-215 FLEXIBLE SHAFT F/ARN-30, 6 FEET \$1.50

R-105/ARR-15 RECEIVER, 1.5 TO 18 MHZ AM, CW, AND MCW CONTINUOUSLY TUNED OR AUTOTUNED OVER TEN PRESET CHANNELS. AUDIO OUTPUT: 500 MW. REQ: 220 VDC 100 MA AND 26 VDC. SIZE: 23 1/2x10 1/2x9 1/2; 47 LBS. SH. USED, \$75.00; DY-34 DYNAMOTOR, 26 VDC, \$10.

BENDIX TA-18BB TRANSMITTER, 118-135.95 Mhz using 180 crystal-controlled channels, 35 W. Requires 28 VDC and control head. Used, \$60.

COLLINS 180R-6C ANTENNA COUPLER, for use with 2-29.99 Mhz AM-SSB transceivers having outputs of 400 watts, 1 KW PEP; 50 ohms. 28 VDC and 115 VAC 400 Hz req. Used, \$125.00

VEHICULAR RADIOS

BC-603 FM RECEIVER, 20-27.9 Mhz using ten push-button preset channels; built-in speaker. Requires 220 VDC 80 ma, 12/24 VDC. 11 1/2x6 1/2x12 1/2; 40 lbs sh. Used, less dynamotor, \$50.00
 W/DM-34 12 VDC dynamotor, \$55.



BC-683 FM RECEIVER, same as BC-603 except 27.0-38.9 Mhz. Used, less dynamotor, \$50.00
 W/DM-34 12 VDC dynamotor, \$55.

BC-923 RECEIVER, similar to BC-683 except 4-channel set by rotary switches. Used, \$50.00

BC-604 TRANSMITTER, see pg. 19, unused, \$25.

BC-605 INTERPHONE AMPLIFIER, part of SCR-538 Similar size/shape as BC-603/683. Used, \$15.
 BC-603/604 MANUAL, \$5. BC-683/684 MANUAL, \$5
 BC-606 CONTROL, used, \$5. FT-237 RACK, \$22.
 BC-96 BAG, \$10. AB-15 ANT. BASE, used, \$4.95
 SEE PAGES 8 and 15 for related equipment.

BC-1306 MANPACK RECEIVER-TRANSMITTER, part of SCR-694C; 3.8-6.5 Mhz, used, \$50.00
 RT-209/PRC-21 FM TRANSCIEVER, single-channel crystal-controlled; 152-174 Mhz, \$39.50
 LINK 1905 FM RECEIVER, single channel in 152 to 172 Mhz range with 6 VDC dynamotor, \$30.
 W/12 VDC dyn., \$33. Less tubes, dyn., \$15.
 LINK 1906 FM TRANSMITTER, companion to the above, 15 watts; less tubes, dyn., \$10.00
 LINK UFM-35 FM TRANSMITTER, single-channel 30-50 Mhz, 35 W. Less tubes, dyn., \$10.00
 GB 4ET66 TRANSMITTER, 40-50 Mhz 1/tubes, \$10

MAB & DAV TRANSCIEVERS

MAB PORTABLE TRANSCIEVER CHASSIS, originally designed to operate between 2.3 and 4.5 Mhz on a single channel; 200 MW output. In waterproof black plastic case; mic and headset cut-off and not available. W/tubes 3/3S4, 2/1T4, 1R5 and 1S5. Requires 67.5 VDC 3 ma, 135 VDC 19 ma, 1.5 VDC 225 ma, 6 VDC 30 ma. Size: 8 1/2x 2 1/2x7 1/2; 8 lbs. sh. Unused, w/book, \$6.95

DAV-2 TRANSCIEVER-DIRECTION FINDER, electronically similar to MAB plus direction finding circuit. Has controls for receiver, transmit, and sense. With waterproof O.D. plywood case, JK-26 headphone jack, and connection for T-45 mic. 10 1/2x3 1/2 x10; 8 lbs. sh. Unused, w/book, \$9.95
 CCI66081 WHIP ANTENNA f/above 15"-85", \$1.50



TRANSMITTERS

BC-1100 TRANSMITTER, 1.5-10 Mhz, crystal-controlled on four preset channels with limited variable tuning around each channel. Channel selection by local or remote dialing or ON/OFF operation. 75 watts CW, 50 watts phone. W/tubes 2/6L6, 3/807, 5Z3, VR150, and 2/RK-60. 115/230 VAC 50-60 Hz. 40x18x30; 410 lbs. sh. Unused, \$75. MANUAL, repro., \$8

RM-40 REMOTE CONTROL & AMPLIFIER for BC-1100 has pulse dial circuits which can be used to operate transmitter over telephone lines or wire. Also mic and phone amp, line level meter, and tubes 2/6J5 and 80. 115/230 VAC 50-60 Hz 10x14x13 1/2; 60 lbs. sh. Unused, \$35.00
 Carbon microphone for above, \$7.95

T-1082/FSQ-75(V) TRANSMITTER, 118-136 Mhz AM single channel 50 watts. Transistorized except for 4CX250B; Collins mfg. Used, \$125.
 T-1083/FSQ-75(V) TRANSMITTER, same as above except 225-400 Mhz AM. Used, repairable \$150.
 BC-610 TRANSMITTER, 2-18 Mhz AM, CW, RTT; 400 watts CW, 300 W phone. Used, \$215.00
 TCK TRANSMITTER, 2-18 Mhz, 400 watts CW, 100 W phone; no rectifier power supply, \$150.
 TED TRANSMITTER, 225-400 Mhz 15 watts, four channels; two 4X150A's. Used, \$100.00

MINIMUM ORDER \$5.00

QUANTITIES LIMITED

HEWLETT-PACKARD

HEWLETT-PACKARD used, repairable test equip.
 H-P 200B AUDIO OSC. older style, rackmt, \$30.
 202C LOW FREQUENCY OSC., rackmount, \$60.
 233A OSCILLATOR, 50Hz-500 KHz 3 w., \$100.
 330B DISTORTION ANALYZER, rack, \$185.
 400L LOGARITHMIC VTVM f/DB measure, \$95.
 412A DC VOLTMETER, 1 mv-1000 VDC, \$105.
 412AR DC VOLTMETER, rackmount, \$100.
 415B STANDING WAVE INDICATOR, \$75.00
 430C MICROWAVE POWER METER, 1/bolomtr \$40.
 460B WIDE BAND AMPLIFIER, rackmount, \$40.
 491A TWT AMPLIFIER, 2-4 Ghz, 1 watt, \$195
 500BR FREQUENCY METER, 3 Hz-100 KHz, \$60.
 524B FREQUENCY COUNTER, plug-in type \$150
 560A DIGITAL RECORDER, 11-digit info \$100
 684C SWEEP OSCILLATOR, 4-8.1 Ghz, \$225
 685A SWEEP OSCILLATOR, 5.2-8.3 Ghz, \$195
 715A KLYSTRON POWER SUPPLY, 400 V-b, \$65.
 1411A SAMPLING PLUG-IN, DC-4 Ghz, \$100.
 1781B SWEEP DELAY PLUG-IN, \$60.
 1803A DIFF/DC OFFSET AMP f/180-Scope \$185
 (DYMEC) 2210 VOLTS-to-FREQ. CONVERT., \$35
 S370C ATTENUATOR, 2.6-3.95 Ghz 10 DB, \$40

H-P 212A PULSE GENERATOR;
 PULSE LENGTH VARIABLE FROM
 0.07 to 10 u-SEC; RISE AND
 DECAY TIME EACH 20 n-SEC.
 50 WATTS PEAK OUTPUT. 20x
 12x14x; SHPG. WT: 60 LBS.
 PRICE: USED, REPARABLE, \$60.00;
 H-P 212A, RACKMOUNT STYLE, USED, REP, \$50.00



H-P 540A TRANSFER OSCILLA-
 TOR, 10 MHZ TO 5 GHZ WHEN
 USED WITH COUNTER IN 100 TO
 200 MHZ FREQ. RANGE. USES
 2B1 CRT TO TUNE-IN HAR-
 MONIC FREQUENCIES; CRT MAY
 HAVE TRACE BURNS. RACKMOUNT
 LESS COVERS. SIZE: 19x10x14x; SHPG. WT: 47
 LBS. USED, REPARABLE, \$85.00;
 H-P 540A, IN CABINET, USED, REPARABLE, \$95.00

H-P 522B ELECTRONIC DECADE
 COUNTER, 10 Hz to 120 KHz
 FREQ. RANGE; PERIOD: .00001
 Hz to 10 KHz. TIME INTER-
 VAL: 10 u-SEC to 100K SEC.
 RACKMOUNT, 19x10x13x; SHPG
 WT: 60 LBS. USED, REP, \$60.

H-P 175A SCOPE, w/1780A Horiz. and 1752B high
 gain vert. amps. DC to 50 Mhz; dual-trace
 capabilities. Used, repairable, \$350.00

H-P 185B SAMPLING SCOPE with 187B dual-trace
 vert. amp; DC to 1000 Mhz. Repairable, \$395.

HICKOK 770 OSCILLOSCOPE, DC to 5 Mhz with 5"
 (5ABP1) CRT; 60 lbs. sh. Used, rep., \$75.00

BOONTON RADIO

BOONTON test equipment, used, repairable.
 202B FM SIGNAL GENERATOR, 54-216 Mhz FM, \$195
 202E same as 202B but uses ext. pwr sply \$185
 202J FM TELEMETRY SIG. GEN, 195-270 Mhz, \$450
 203A UNIVERTER, adds .4-25 Mhz to 202B, \$340
 110A QX TESTER, f/1-.25 Mhz but w/o coil \$25
 240A SWEEP GENERATOR, 4.5-120 Mhz AM-FM \$195
 275A TRANSISTOR TESTER, semiconductors, \$175

BOONTON 207H UNIVERTER,
 ADDS THE FREQUEN-
 CY RANGE OF 100 KHz
 TO 50 Mhz AM-FM TO
 THE BOONTON 202H SIG-
 NAL GENERATOR. RF OUTPUT: 0.1 to 1 v. AND 1
 mv. TO 0.01 v. POWER REQUIRED: 115/230 VAC
 50-400 Hz. USED, REPARABLE, \$110.00

BOONTON 207E UNIVERTER, SIMILAR FUNCTION AS
 THE H MODEL WHEN USED WITH THE OLDER VERSION
 202B GENERATOR. USED, \$50.00

BALLENTINE

BALLENTINE MODEL 300 AC VOLTMETER
 with ranges .01, 0.1, 1, 10, and
 100 VAC full range scales. Used.
 Repairable, \$19.95; Checked, \$35.
 MODEL 220 DECADE AMP, rep., \$20.
 305 AC VOLTMETER, like Model 300,
 but w/1000 VAC full scale range; rep., \$40.



TEKTRONIX



TEKTRONIX manufactured test
 equipment removed from ser-
 vice. Sold in "used, repair-
 able" condition. Write for
 "checked" price. Scopes re-
 quiring plug-ins are sold
 "less plug-in." qty. ltd.

TYPE 180A TIME-MARK GENERATOR, 14 time-mark
 intervals from 1 u-sec to 5 sec. Sine wave
 freq. 5, 10, 50 Mhz; 1 Hz-100 KHz trig. \$95.
 TYPE 181 TIME-MARK GENERATOR, 5 intervals
 from 1 to 10K u-sec. 10 Mhz sine wave. \$60.
 TYPE 514D OSCILLOSCOPE, DC to 10 Mhz, \$95.00
 524D Television Scope, DC to
 10 Mhz with sweep delay, 110.00
 524AD Television Scope, w/delay
 and markers; square corners, 145.00
 532 DC-5 Mhz, plug-in type, 1
 531 DC to 15 Mhz, plug-in type, 235.00
 532 DC to 5 Mhz, plug-in type, 165.00
 RM32 Rackmount 532, 170.00
 535A DC to 15 Mhz with sweep
 delay; plug-in type, WRITE
 RM35A Rackmount 535A, 265.00
 545A DC to 30 Mhz with sweep
 delay; plug-in type, WRITE
 RM45 Rackmount 545, 320.00
 551 DUAL-BEAM DC to 25 Mhz,
 uses two plug-ins. With
 external power supply, 415.00
 555 DUAL-BEAM DC to 30 Mhz w/
 sweep delay, Type 21 and
 22 time base plug-ins, and
 external power supply. Re-
 quires two vert. plug-ins, 495.00
 RM567 DIGITAL READOUT SCOPE w/
 Type 6R1 display; requires
 Type 3376 and 3177 vert.
 plug-ins (not available), 395.00
 575 TRANSISTOR CURVE TRACER
 SCOPE for PNP and NPN
 transistors, 375.00
 R647A MODIFIED SCOPE, DC to 100
 Mhz, transistorized. With
 10A2A dual-trace and 11B1
 time base plug-ins. See
 page 32 for more info. \$750.

VERTICAL AMPLIFIER PLUG-INS
 for Tektronix 530, 540, and
 550-Series scopes and similar
 scopes by other manufacturers.
 Various manufacturers. Add \$10
 for Tektronix manufactured
 unit. All "used, repairable."
 TEK TYPE CA, dual-trace, DC
 to 24 Mhz, WRITE
 TEK TYPE B, Wide-band, high gain, WRITE
 TYPE D, High-gain, DC differential, \$35.
 TYPE E, Low level, AC differential, 40.
 TYPE G, Wide-band, DC differential, WRITE
 TYPE K, Fast-rise, WRITE
 TYPE L, Fast-rise, high gain, 65.
 TEK TYPE P, Sample test, 30.
 TEK TYPE 80, Vert. coupling for 580's, 25.

HICKOK 1805 SCOPE, similar to TEK 535A, uses
 same plug-ins, repairable, \$185. Chkd., \$265.

LAVOIE LA-545, similar to TEK 545, uses same
 plug-ins, repairable, \$215. Checked, \$295.00

ANALAB 1100R DUAL CHANNEL SCOPE with model
 700 plug-in. DC-500 KHz, rackmount, \$75.00

DUMONT 401 SCOPE, DC to 500 KHz, \$100.00
 DUMONT 453A SCOPE CAMERA with Polaroid back.
 Uses #667 film; w/adaptor f/TEK scopes, \$135.

GENERAL RADIO

Used, repairable General Radio test equipment.
 GR 583A OUTPUT POWER METER, .1-5000 MW, \$75.
 605B SIGNAL GENERATOR, .01-50 Mhz, \$125.
 667A INDUCTANCE BRIDGE, .1 uBy-1 Hy, \$85.
 716-CS1 CAPACITANCE BRIDGE, 1000 pf, \$95.
 722-D PRECISION CAP., 25-1150 pf, \$50.
 740B CAPACITANCE TEST BRIDGE, 1100 pf \$75.
 1132A DATA PRINTER, mod. Clary 1961; oper-
 ate w/1-2-4-2 BCD code, 12 col \$225.
 1231B AMPLIFIER AND NULL DETECTOR, \$45.
 1304B BEAT-FREQ. AUDIO GENERATOR, \$125.
 1482* STANDARD INDUCTORS, write needs \$40
 1605A IMPEDANCE COMPARATOR, 2A-20 MA, \$135
 1652A RESISTANCE LIMIT BRIDGE, \$125.
 1932A DISTORTION AND NOISE METER, \$165.

MEASUREMENTS

MEASUREMENTS test equip-
 ment, used, repairable.
 MODEL 59 MEGACYCLE METER
 2.2-400 Mhz grid-dip os-
 cillator, WRITE
 MODEL 65B FM SIGNAL GEN-
 ERATOR, 75 KHz-30 Mhz
 in six bands, \$150.00
 MODEL 71 SQUARE WAVE GENERATOR, \$40.00
 80 SIGNAL GENERATOR, 2-400 Mhz AM, \$175.
 84TV SIG. GENERATOR, 400-1000 Mhz AM, \$150.
 210A SIG. GENERATOR, 86-108 Mhz FM, \$110.
 275 IF CONVERTER, changes Model 210A's freq.
 range to FM/TV IF's 4.5, 10.7, 21.7 Mhz \$85.



FLUKE 803R DC-AC DIFFER-
 ENTIAL VOLTMETER, MEASURE
 0-500 VOLTS DC OR AC. DE-
 CADE-TYPE NULL RANGE SE-
 LECTOR: 10, 1, .1, OR .01
 DC-AC. CONVERTER FREQ.:
 30-50 Hz. 115 VAC. 60 Hz. USED, REP., \$40.00

COMMERCIAL TEST EQUIP

Various manufacturers; all used, repairable.
 AG3 AUDIO GENERATOR, 35 Hz-35 KHz, \$35.
 AMI 400P FM DEVIATION METER, 20-60 Mhz; 10,
 30, 100, 300, 1000 KHz dev. ranges, \$135.
 CMC 200C COUNTER, 4 decades; .1, 1s gate \$45.
 DONNER 2100 WAVE ANALYZER, 30-50000 Hz, \$50.
 DONNER 2102 WAVE ANALYZER, 20-50000 Hz, \$65.
 DAVEN OP-961 AUDIO POWER METER, 50 W max \$75.
 KAY 154 MEGA-PIX, 12-channel TV sound and
 picture generator; 50 KHz-110 Mhz, \$85.
 KAY 240A RANDOM NOISE GEN., 5-220 Mhz, \$65.
 KAY 1484BF SWEEP/MARKER GEN. 86-114 Mhz, \$95.
 LAVOIE LA-18A ANALYZER, 20-16000 Mhz, \$375.
 MARCONI TF-971D FM DEVIATION METER, 4-1024
 Mhz; 5, 25, 75, 125 KHz dev. ranges, \$475.
 NEW LONDON 252 AM MODULATION METER, \$65.
 PANORAMIC LP-1A SONIC ANALYZER 2-22500 Hz \$350.
 PANORAMIC SPA-3/25a SPECTRUM ANALYZER, 200 Hz
 to 25 Mhz; 0-3 Mhz sweep width, \$325.00
 SKI 302 VARIABLE ELECTRONIC FILTER, \$75.
 TSI 361-R UNIVERSAL COUNTER, 10 Hz-2.5 Mhz
 dual channel, time int., transistor, \$145.
 RIXON DATA MODEM MAINFRAME with modules
 DDMO-1 display, DDC-6A digital data clock,
 DDAE-4 relay equalizer, DDD-3 and DDM-3
 data demodulators, DDDP-2 phase corrector,
 and pwr supplies. Partially transistor \$350.

URM-25 SIGNAL GENERATOR

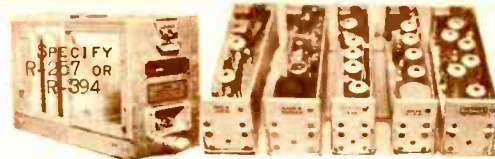
AN/URM-25D SIGNAL GENERA-
 TOR COVERING 10 KHz TO 50
 MHZ IN EIGHT BANDS. RF
 OUTPUT: 0.1 to 100,000 uv
 IN 50 OHM LOAD; 2 VOLTS
 ADJUSTABLE ACROSS HIGH
 LOAD IMPEDANCE. AMPLITUDE
 MODULATION: 0 TO 50% 400
 OR 1000 Hz INTERNAL. WITH
 1 Mhz CRYSTAL CALIBRATOR. POWER REQUIRED:
 115 VAC 50-1000 Hz. 11x14x10x; SH WT: 44 LBS
 USED, REPARABLE, LESS ACCESSORIES, \$195.00
 CHECKED, w/ACCESS. \$250; WITH ACCESS. \$275.
 AN/URM-25F, MORE RECENT VERSION OF URM-25D.
 USED, REPARABLE, LESS ACCESSORIES, \$250.00
 CHECKED, WITH ACCESS. (AS AVAILABLE), \$325.

MILITARY TEST SETS

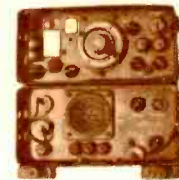
MILITARY TEST SETS, all used, repairable.
 Accessories extra. Write for more info.
 AN/TRM-3 SWEEP GENERATOR, 15-400 Mhz AM-FM;
 bandwidths from 600 KHz to 160 Mhz, \$295.
 AN/URM-99 IFF TRANSPONDER TEST SET, \$295.
 AN/URM-98B IFF TRANSPONDER TEST SET, \$395.
 AN/URM-76 TEST METER for ARC-34, \$49.95
 I-95 FIELD STRENGTH METER, 100-156 Mhz, \$20.
 I-96 SIGNAL GENERATOR for SCR-522, \$39.50
 ME-30-A VTVM, same as H-P 400D, \$75.00
 ME-51 POWER METER, 3.1 to 3.5 Ghz, \$15.00
 ME-82 WATMETER, 50-600 Mhz, 0-120 watt, \$65.
 TS-62 ECHO BOX, 9320-9420 Ghz, excell., \$35.
 TS-251 LORAN TEST SET, \$45.00
 TS-305B POWER METER, 220-320 Mhz, \$59.50
 TS-403 SIGNAL GENERATOR, 1.8-4.2 Ghz, \$165.
 TS-419 SIGNAL GENERATOR, 0.9-1.2 Ghz, \$150.
 TS-497 SIGNAL GENERATOR, 2-400 Mhz AM, \$195.
 SG-299 SQUARE WAVE GENERATOR, 1/Hz-1 Mhz \$60.
 SG-557 SIGNAL GENERATOR, 3.8-7.6 Ghz, \$275.



R-394/U RECEIVER F.M. 152-172 MC.
SINGLE CHANNEL CRYSTAL CONTROL DUAL CONVERSION, CRYSTAL FREQ. RANGE 24.033 TO 27.7 THIRD OVERTONE, TYPE CR-32/U, I.F. FREQ. 7.8 MC & 455 KC. 15 KC DEVIATION, OUTPUT IMPEDANCE 8 OHMS, POWER 6 WATTS, SQUELCH AND MUTING CIRC. MODULAR CONSTRUCTION WITH PLUG-IN UNITS FOR EASY SERVICING.
1ST R-F AMPL. UNIT w/TUBES 1/5840 2/1AD4.....LOCAL OSCILLATOR UNIT w/TUBES 2/1AD4, 1/5678, 1/VR31-5783
*****1ST I-F 7.8 MC UNIT w/TUBES 3/5678.....2D I-F AND DISCRIMINATOR UNIT WITH TUBES 7/5678.....AUDIO AND SQUELCH UNIT WITH TUBES 3/5678, 1/5672, 1/6AK6 ALSO 455 KC SELECTIVE FILTER UNIT WHICH IS WIRED, NOT PLUG-IN. ILLUSTRATION SHOWS THE PLUG-IN UNIT AND THE COMPARTMENT WHERE THE POWER SUPPLY IS ALSO PLUGGED INTO. COVER IS SUPPLIED AND HELD IN PLACE BY A SPRING LOADED FASTNER.
POWER SUPPLIES, CONNECTOR, CONTROL UNIT AND OTHER ITEMS THAT ARE USED WITH THIS SET ARE LISTED ELSEWHERE ON THIS PAGE.
SIZE: 8 1/2 x 5 1/2 x 14 1/2; WT: 19 LBS.
PRICES: USED GOOD CONTITION.....\$14.95
GOV'T RE-CONDITIONED..... 22.50



R-257 or R-394 RECEIVER CHASSIS ONLY LESS ALL PLUG-IN UNITS AND FILTERS, WITH CONNECTORS & COVER. SHPG. WT: 10 LBS. USED \$4.95
R-257 or R-394 RECEIVER PLUG-IN UNITS ONLY
MX-1547 RECEIVER RELAY SUBASSEMBLY \$4.95
1ST R.F. AMPL. w/TUBES 1/5840, 2/1AD4 \$3.95
LOCAL OSCILLATOR w/TUBES 2/1AD4, 1/5678 \$4.95
1/VR31-5783 & CRYSTAL. (NO CRYSTAL CHOICE)
2ND I.F. AND DISCRIMINATOR w/ TUBES 5678 \$3.95
1ST I.F. 7.8 MC. w/TUBES 3/5678 & CRYST \$4.95
AUDIO & SQUELCH w/TUBES 3/5678, 1/5672 AND 1/6AK6 \$3.95
SELECTIVE FILTER 455 KC. (NOT SHOWN) \$2.95



**AN/GRR-5 RADIO RECEIVING SET FOR USE IN THE 1.5 TO 18 MHZ RANGE, 4 BANDS 115 VOLTS 50 OR 60 CYCLE, 6, 12, 24 VDC OR DRY CELL BATTERIES 90 AND 1.5 VDC. CAN BE USED FOR OPERATION THE SET CONSISTS OF THE R-174 RECEIVER WHICH IS A SUPERHETRODYNE RECEIVES AM, CW AND MCW SIGNALS, WITH CONTINUOUS TUNING AND FACILITIES FOR PRESETTING ANY 10 CHANNEL FREQ., 200 KHZ CRYSTAL CALIBRATOR, 455 KHZ IF WITH TUBES 1/3V4, 3/1R5, 3/1L4 & 1/1U5. THE OUTPUT OF THE REC. IS FEED INTO A HEAVY DUTY 4" SPEAKER THAT IS PART OF THE PP-308 POWER SUPPLY AND TO OUTPUT PHONE JACKS ON THE REC. PP-308 POWER SUPPLY FURNISHES ALL THE VOLTAGE REQUIRED WHEN ANY OF THE POWER SOURCES ARE APPLIED AS STATED ABOVE AND IT ALSO CONTAINS THE SPEAKER. BOTH UNITS ARE MOUNTED IN A TWO COMPARTMENT CABINET THAT IS SHOCKMOUNTED. PP-308 IS SUPPLIED WITH TUBES 2/6AG7, 1/1007 & 1/0B2.
SIZE: 13 1/2 x 8 1/2 x 12 1/2; WT: SHPG. 75 LBS. ACTUAL 62
PRICE: USED, REPARABLE \$49.50 CHECKED \$59.50
POWER INPUT PLUG ONLY \$2.50; FIVE (5) FT AC LINE CORD 50¢; 15 FT. DC CORD \$1
MANUAL FOR AN/GRR-5 \$7.50**



R-257 RECEIVER 25 TO 50 MC FM
SAME AS R-394 RECEIVER ONLY DIFFERENT FREQUENCY RANGE.
USES ALL THE SAME ACCESSORIES POWER SUPPLIES, TUBES ETC. SAME SIZE AND WEIGHT.
USED \$14.95



VIBRATOR TYPE POWER SUPPLIES FOR USE WITH R-394 & R-257 RECEIVERS. THE OUTPUT OF THE SUPPLIES ARE THE SAME AND ARE

155 VOLTS DC @ 15 MA.
150 " " @ 5 "
140 " " @ 50 "
-40 " " @ .5 "
6.3 " " @ .45 AMPS.
6.3 " " @ 1.0 "
1.4 " " @ 1.25 "

PP-867/U 24 VOLTS DC @ 1.1 AMPS USED \$4.95
PP-868/U 12 " " @ 2.0 " " 9.95
PP-869/U 6 " " @ 3.7 " " WRITE AS TO
PP-846/U 115/230 V 60 CYC 2 AMPS AVAILABILITY.
PP-844 115/230V. 60 CYCLE AC POWER SUPPLY FOR T-417, T-208 AND T-278 TRANSMITTERS.
WRITE AS TO AVAILABILITY AND PRICE
C-844/U CONTROL UNIT FOR OPERATION OF RADIO SET FROM REMOTE POINT. USED \$14.95



CY-938 ELECTRICAL EQUIPMENT CABINET; USED TO HOUSE RECEIVERS R-394 OR R-257, TRANSMITTERS T-208 OR T-278 AND POWER SUPPLIES DY-93 OR DY-98 OR DY-100 FOR THE TRANSMITTERS.
SIZE: 17 1/2 x 11 1/2 x 25; WT: 33 LBS.
PRICES: USED \$7.95



T-208/U TRANSMITTER F.M. 25 TO 50 MC 25 WATTS.
SINGLE CHANNEL CRYSTAL CONTROL, 15 KC DEVIATION, VOICE ONLY TRANSMISSION. CRYSTAL UNIT CR-27/U, FREQ RANGE 1,562.5 TO 3125 KC. x 16 FOR ALL FREQUENCIES. 100 MV CARBON MIC. WITH TUBES 3/2E24, 1/3B4, 2/5672 4/5678 & 3/1AD4.
VOLTAGES REQUIRED ARE AS SHOWN WITH DYNAMOTORS DY-93/12 V, DY-98/24 V. DY-100/6 V.
SIZE: 8 1/2 x 4 1/2 x 14 1/2; WT: 11 LBS. USED \$18.95



C-847 RADIO CONTROL BOX; USED TO CONTROL THE SYSTEM, HAS HEAVY ALNICO MAGNET 4" SPEAKER FOR MONITORING REC. CONTROLS FOR SQUELCH, VOLUME ON/OFF SW. PILOT LIGHTS AND RECEPTACLE FOR H-33 HANDSET WHICH HAS UG-77
SIZE: 9 1/2 x 5 1/2 x 3 1/2; WT: 6 LBS. USED \$8.95
H-33/PT HANDSET WITH CORD & UG-77 " 5.95



T-278/U TRANSMITTER F.M. 152 TO 174 MC APPROX. 30 WATTS, CRYSTAL CONTROL ON ANY TWO (2) PRESET FREQ. PHASE SHIFT MODULATION 15 KC DEVIATION, CR-27/U CRYSTAL UNIT FREQ. RANGE 4750-5437.5 KC. MULTIPLIED 32 TIMES. WITH TUBES 2/3B4, 3/2E24, 4/5678, 2/5672 AND 2/1AD4.
VOLTAGES REQUIRED AS SHOWN WITH DY-93 DYNAMOTOR ELSEWHERE ON THIS PAGE. USED \$18.95
SIZE: 8 1/2 x 4 1/2 x 14 1/2; WT: 12 LBS. UNUSED \$24.95
T-278 TRANS. LESS TUBES AND CRYSTAL OVEN \$6

CHASSIS CONNECTORS TO FIT R-394, R-257, T-416 T-278, T-208 & SUPPLIES
TRANSMITTER PLUG P-401; CHASSIS CONNECTOR NO'S J-801, CANNON# DPD-A32C2-33S-2L \$2.50
RECEIVER PLUG R-252; CHASSIS CONNECTOR NO'S J-803, CANNON# DPD-A31C1-33S-2L \$2.50
POWER SUPPLY PLUG P-1203; CHASSIS CONNECTOR NO'S J-802, CANNON# DPD-30-33S-22 \$2.50
UG-77 PLUG ON 4 1/2 FOOT CORD.....\$1.00
H-33/PT HANDSET ON 4 1/2' CORD WITH UG-77 U 5.95



DY-93 DYNAMOTOR POWER SUPPLY
INPUT: 12 VDC @ 20 AMPS.
OUTPUT: 380 VDC @ 180 MA.
225 VDC @ 45 MA.
-25 VDC @ 5 MA.
USED WITH T-208 & T-278 TRANS.
SIZE: 8 1/2 x 7 x 14; WT: 27 LBS.
PRICE: USED \$9.95



CX-2371 CABLE ASSEMBLY USED FOR CONNECTING R-394-257 REC. T-208-278, 416, 417 TRANS. TO THE VARIOUS CABINETS SO THE UNITS CAN BE SERVICED OUTSIDE THE CABINETS.
LENGTH 7 FT.
3 LBS.
\$10.00

RF MONITOR
ID-642/FSA RADIO FREQUENCY MONITOR, USES DIRECTIONAL COUPLER WITH IN-21B DIODE TO MONITOR RF VOLTAGE LEVEL. DC VOLTAGE IS AMPLIFIED TO TRIGGER A 24 VDC RELAY (6.5 MA 4PST) OVER A POWER SCALE OF 25-200. UNIT WAS PROBABLY CALIBRATED INTO A STANDARD LOAD. REQUIRES HN CONNECTORS. WITH TUBES: 2/OA2, 5751, 5670 6X4. AND TJ791K01 CURRENT REGULATOR. POWER REQUIRED: 115VAC 60 HZ. SIZE: 11x19x10 1/2. SHPG. WT: 20 LBS. UNUSED, w/SCHEMATIC, \$12.95

TRANSMITTER RECEIVER
RT-53/TRC-7 RECEIVER-TRANSMITTER; 100-156 MHZ, A.M. VOICE, 1.5 W CRYSTAL CONTROL ON 2 PRESELECTED CHANNELS, 1 1/2" METER, PHONE, MIC. & MONITORING JACKS, VOL. CONTROL ETC. WITH TUBES 3/1A85, 3/1L4, 1/1S5, 5/3A5, 1/1LA3, 1/3C4 & 2/3A4. VOLTAGES REQUIRED 90 VDC, 60 VDC & 4 1/2 VDC. SIZE: 11 1/2 x 5 1/2 x 13 1/2; 15 LBS. USED \$24.95

CX-2341 CABLE FOR CONNECTING CONTROL BOX TO CABINET. NO PLUGS ON CABLE. 5 FOOT LENGTH \$5. MAXIMUM LENGTH 15'



PP-638/U POWER SUPPLY USED WITH AM-494 & AM-495 POWER AMPLIFIERS. INPUT 115/230 VOLTS 50/60 CYCLE, OUTPUT 1100 VDC @ 320 MA, 230 VDC @ 60 MA AND 6.3 VAC @ 5.2 A. 2 1/2" RUGGEDIZED METERS 50 MADC 500 MADC AND 1.5 KVDC ALSO BLOWER FOR COOLING. UPPER COMPARTMENT SIZE 15W X 3 1/2 H X 8 1/2 D. SIZE: 31 1/2 x 20 1/2 x 24 1/2; WT: 150 LBS. PRICE: RE-NEW \$100.00

BC-604 F.M. TRANSMITTER 30 W. FREQ. RANGE 20-27.9 MHZ. 10 PRE-SET CRYSTAL CONTROL CHANNELS ARE POSSIBLE WITH THE PROPER CRYSTALS. WITH TUBES 4/1619 & 1/1624. VOLTAGE REQ. 12 OR 24 VDC & 625VDC @ 225MA. SIZE: 18 1/2 x 11 1/2 x 10 1/2; 60 LBS. PRICE: UNUSED w/SPARE TUBES \$25

PRC POWER SUPPLY
PP-351 POWER SUPPLY, DESIGNED TO PROVIDE REGULATED DC POWER FOR TESTING PRC-6 -8, -9, -10; SCR-510, -610; AND BC-1000 MANPACK TRANSCEIVERS. HAS METERING FOR EACH OF FIVE VARIABLE OUTPUTS. INPUT/OUTPUT CABLES NOT AVAILABLE. POWER REQUIRED: 115/230 VAC 50-60 HZ. 25x11 1/2x14 1/2; 150 LBS. SH. USED, \$45.00



AN/TRC-34 RADIO SET, 152 TO 172 MHZ FM 50 WATT OUTPUT; DUAL FREQ. SELECTION ON ANY TWO PRESET CRYSTAL-CONT. FREQ.; TWO WAY COMMUNICATION OR RADIO RELAY USE. SET CONSISTS OF T-416 XMITTER (SAME AS T-278 BUT WITH 5894 TUBE IN FINAL), R-394 RECEIVER, C-844 RELAY CONTROL BOX, PP-804 AND -846 115/230 VAC 60 HZ POWER SUPPLIES, AND CY-1221 CABINET WITH CONTROLS FRO LOCAL USE. T-278 WILL BE SHIPPED IF T-416 IS NOT AVAILABLE.
SIZE: 21 1/2 x 17 x 20 1/2; 160 LBS SH. USED, COMPLETE, \$100.00

TELEGRAPH-TELEPHONE SIGNAL CONVERTER: CONVERTS 20 CPS RINGING SIGNALS TO 1225/1600 CPS RINGING SIGNALS AND CONVERTS 1225/1600 CPS RINGING TO 20 CPS. RINGING. POWER REQ: 115V 60HZ. W/2EA. 12AU7, 12AX7, 6AL5, 6X4 SIZE: 11x7 1/2x10 1/2; 18 LBS. TA-182 USED \$25.00

RECEIVER POWER SUPPLIES AND SPEAKER FOR THE FOLLOWING:
 R-23/ARC-5 BC-453 BC-342
 R-24/ARC-5 BC-454 BC-344
 R-25/ARC-5 BC-455 BC-348
 R-26/ARC-5 BC-946 BC-429
 R-27/ARC-5 R-108,109,110

COMPLETE WITH DYNAMIC SPEAKER HOUSED IN A METAL CABINET WITH CONNECTING CABLE, PLUG, PHONE JACK, VOLUME CONTROL, BFO SWITCH, ETC. IF APPLICABLE. CAN ALSO BE USED FOR OTHER SETS. OUTPUT: 200/250 VDC @ 90/60 MA AND 24 VAC @ 2 AMPS. INPUT: 115 VAC 60 HZ. PLEASE SPECIFY THE TYPE SET. DIMENSIONS AND PARTS OF THE POWER SUPPLIES MAY VARY WITH AVAILABILITY OF MATERIALS. 9 $\frac{1}{2}$ "x6 $\frac{1}{2}$ "x5" WT: 10 LB
 PRICES: KIT OF PARTS, \$22. WIRED, \$27.00

BC-652 RECEIVER POWER SUPPLY WITH SPEAKER SAME AS ABOVE; KIT \$20.00; WIRED \$23.95

BC-603/BC-683 RECEIVER P.S. DESIGNED TO BE PLUG IN-TO THE SAME PLACE AS THE DYNAMOTOR WITH NO CONVERSION TO THE SET THAT WILL EFFECT THE OPERATION FROM THE DYNAMOTOR. ONLY WORK REQUIRED TO ADD ON/OFF SWITCH IN PLACE OF SPAR FUSE HOLDER. TRANSFORMER TYPE USING 5Y3GT TUB

OUTPUT 220 VDC, 80 MA. & 24 VDC 2 A. WT: 5 LBS.
 PRICES: KIT OF PARTS \$15.00 WIRED \$20.00

PE-110 POWER SUPPLY FOR BC-669 TRANSMITTER-RECEIVER. INPUT 115 VOLT 60 CYC. OUTPUT 520 VDC @ 420 MA. A 12 VDC VIBRATOR TYPE POWER PACK WITH AN OUT PUT OF 275 VDC @ 64 MA THAT PLUGS INTO THE CHASSIS SERVES AS A RECEIVER STANDBY. INCLD. FOUR 5Z3 TUBES, RESET CIRCUIT BREAKERS, A.C. OUTLETS, AND SUFFIX LETTER, TUBE COMPLEMENT AND SIZE MAY VARY. 20"x9"x12"; 75 LBS. USED REPARABLE \$25

PP-484/FGC-5 VOLTAGE REGULATED POWER SUPPLY OPERATES FROM 115/230 VOLT 50/60 CYCLE 1 PH. OUTPUT 115 VDC 100 MA, 225VDC 550 MA.; 4/6.3 VAC 12 AMP. -6.3v BIA. WESTON 301 METERS 3 $\frac{1}{2}$ " 0-10 VAC; 0-200 VDC & 0-500 VDC; W/ TUBES 2/3B28, 2/2050, 2/21AU7, 6Y6 & 5U4. ALSO 2 AC OUTLETS ON FRONT PANEL. 19"x11 $\frac{1}{2}$ "x20"; WT: 150 LBS. USED \$29.95

GILBERT AMERICAN FLYER TOY TRANSFORMER, INPUT: 120 VAC 60 HZ. OUTPUT: 7 TO 18 VOLTS AC. CONTROL READS 0 TO 120 MPH. WITH AC CORD AND OUTPUT BINDING POSTS. SIZE: 3 $\frac{1}{2}$ "x5"x3" WT: 6 LBS. GILBERT #22034 USED, \$3.95

FGC-29/1660 POWER SUPPLY INPUT 115/230 VOLT 50/60 HZ OUTPUT: 225 VDC 100 MA. 6.3 VCT 4A. 6.3 V 1.5 A. INCL. FIL. 2/2021 TUBES 11 $\frac{1}{2}$ "x5 $\frac{1}{2}$ "x4 $\frac{1}{2}$ "; 23 LBS. REM \$15

FGC-29/1640 Poer Supply: INPUT, 115/230 v. 50/60 HZ. OUTPUT, 40 VDC 30MA OR 35VDC 40MA 6.3v 1.4A INCL. FILAMENT 6x4. 5 $\frac{1}{2}$ "x3 $\frac{1}{2}$ "x4 $\frac{1}{2}$ "; 8 LBS. REMOVED \$10

TRANSISTORIZED POWER SUPPLY INPUT 115 VOLT 60 CYCLE, OUTPUT 200 VDC 300 MA. SIZE: 5x4x5; 15 LBS. 5820-805-3930 NEW \$22.95

ASI DC POWER SUPPLY, PROVIDES 4.5, 6, 9, OR 12 VDC 150 MA. REQUIRES 115 VAC 60 HZ. 5 $\frac{1}{2}$ "x2 $\frac{1}{2}$ "x1 $\frac{1}{2}$ "; SHPG. WT: 3 LBS. \$8.95

VERY HIGH VOLTAGE

DC POWER SUPPLY WITH 107-125 VAC 60 HZ PRIMARY. TWO OUTPUTS: -5.4 TO 5.75 Kv. @ 140 TO 300 U-A. ONE OUTPUT: -5.1 TO 5.3 Kv. @ 100 TO 270 U-A. SIZE: 12 $\frac{1}{2}$ "x2 $\frac{1}{2}$ "x4 $\frac{1}{2}$ " WT: 10 LBS. GE#9T63Y2029G6, USED, \$10.95

DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE CORD, PILOT LIGHT, LINE FUSE ETC. INDICATED RATINGS ARE FOR LOAD CONDITIONS.

OUTPUT 12 VOLT D.C. 2 AMPS. SIZE: APPROX. 5x10x2; WT: 10 LB STK.# 12VDC2A. PRICES: COMPLETE WIRED \$15.95 KIT OF PARTS 11.00

OUTPUT 24 VOLT D.C. 2 AMPS. APPROX. SIZE: 5x10x2; WT: 12 LB. STK.# 24VDC2A. PRICES: COMPLETE WIRED \$20.95 KIT OF PARTS 15.95

OUTPUT 12 VOLT D.C. 4 AMPS. APPROX. SIZE: 5x10x2; WT: 12 LB. STK.# 12VDC4A. PRICES: COMPLETE WIRED \$19.95 KIT OF PARTS 14.95

OUTPUT 24 VOLT D.C. 4 AMPS. APPROX. SIZE: 5x10x2; WT: 14 LB STK.# 24VDC4A PRICES: COMPLETE WIRED \$23.95 KIT OF PARTS 18.95

LENKURT MODEL 5047A POWER SUPPLY, INPUT: 115 VAC 60 HZ. OUTPUT: 24 VCT. 10 AMPS AC AND 160V. 150 MA DC. CONSTRUCTED ON AN ALL-ALUMINUM CHASSIS WITH VENTILATED ALUMINUM COVER WITH FLIP-LOCKS. (NOT SHOWN) SIZE: 19 $\frac{1}{2}$ "x7 $\frac{1}{2}$ "x10 $\frac{1}{2}$ " WT: 45 LBS. \$19.95

PP-308/URR POWER SUPPLY; OUTPUT VOLTAGES OF 90 VDC, 1.4 VDC, AND --4.2 VDC. A PORTABLE UNIT WHICH CAN OPERATE FROM 115V. 60 CYCLE LINE OR FROM 6, 12 OR 24 VOLT VEHICULAR BATTERY; WITH FUSE HOLDERS, POWER-SELECTOR SWITCH, POWER ON-OFF SW, SPEAKER ON-OFF SW, AND SPEAKER FOR A RECEIVER*. TAKES 4 COND. FEMALE CONNECTOR (NOT AVAILABLE). WITH TUBES 2/6AG7 AND 0B2. SIZE: 5 $\frac{1}{2}$ "x8"x12" WT: 30 LBS. PRICE: UNUSED, \$24.95; USED, \$14.95

REGULATED 48V 5A

REGULATED SOLID STATE POWER SUPPLY; OUTPUT: 48V. 5 AMPS. INPUT: 115 VAC 60 HZ. TRANSISTOR DEVICES MODEL SPS 828. SIZE: 16 $\frac{1}{2}$ "x8 $\frac{1}{2}$ "x3 $\frac{1}{2}$ ", SHPG. WT: 25 LBS PRICE: UNUSED, \$45.00

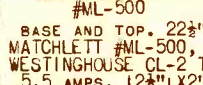
SCOPE POWER SUPPLY

HFE CRT POWER SUPPLY; HAS 6.5 KV LOW CURRENT OUTPUT WHEN USED WITH 10 VDC 1.75 AMPS DC-TO-DC INPUT CONVERTER. WILL PRODUCE 7.5 KV FROM 12 VDC INPUT. OTHER LOW CURRENT OUTPUTS OF -2500 AND -1500 VDC. TRANSISTORIZED WITH COVER AND CONNECTORS. 11x6x5 $\frac{1}{2}$ ", 10 LBS. USED, EXC., \$15.95
 HFE LOW VOLTAGE POWER SUPPLY; OUTPUT: 10 VDC 1.75 AMPS, ADJUSTABLE -1 V. INPUT: 115 VAC 60 HZ. TRANSISTORIZED WITH FUSE AND CONNECTOR. 10 $\frac{1}{2}$ "x6 $\frac{1}{2}$ "x4"; 12 LBS. REMOVED F/EQUIP., \$7.95
 HFE CRT AND LV POWER SUPPLIES AS SET, \$20.00

BREAKER 12.5 VDC 2.5 AMP POWER SUPPLY; 4 AMP SURGE, 4 AMP CIRCUIT BREAKER. 4-5/8"x2 $\frac{1}{2}$ "x6 $\frac{1}{2}$ "; SHPG. WT: 6 LBS. #13-110, NEW, \$20.

MULTIVOLTAGE POWER SUPPLY; HAS REGULATED OUTPUTS: +12 VDC 500 MA, -12 VDC 500 MA, AND 24 VDC 1 AMP. ALSO 7 VDC 10 AMP UNREGULATED, INTERMITTENT. REG. VOLTAGES ADJUSTABLE OVER SMALL RANGE. INPUT: 115 VAC 60 HZ; 9x5x6, 13 LBS. #LR32605, \$25.

EXOTIC TUBES



OBsolete, BUT UNUSUAL VACUUM TUBES FOR THE EXPERIMENTER OR COLLECTOR. APPEAR TO BE UNUSED OR LITTLE USED, BUT NOT GUARANTEED OPERATIONAL. NO FURTHER DATA AVAIL.
 EUREKA #EV-10-140; VALVE RECTIFIER TUBE, 140 KVP 30 MA MAX. FROM 12.5 V 12 AMP FILAMENT. CHROME BASE AND TOP. 22 $\frac{1}{2}$ "xL4 $\frac{1}{2}$ " DIA. 6 LBS. \$15.00
 MATCHLETT #ML-500, 15 $\frac{1}{2}$ "xL5" DIA. 6 LBS., \$12.
 WESTINGHOUSE CL-2 TUBE WITHIN-A-TUBE, 90 WATT 5.5 AMPS. 12 $\frac{1}{2}$ "xL2" DIA., 4 LBS SH., \$7.50

MAGNETRONS

MAGNETRON TUBES LESS EXTERNAL MAGNETICS. USED, \$24 EA. SPECIFY: 2J26 (2992-3019 MHZ); 2J28 (2939-2965 MHZ); 2J29 (2914-2939 MHZ); 2J39 (3267-3333 MHZ); 2J61 (2992-3100 MHZ); 2J62 (2914-3019 MHZ); 725A (USED IN APS-4 RADAR).
 S-300 TUBE (OPEN FILAMENT), 10" LG. 3" DIA. AS-IS, \$4.

500 MHZ TRANSMITTING TUBE 8012-A TRIODE

DIRECT WIRE FILAMENT: 6.3 V. 1.92 AMPS. MAX. PLATE: 1000 V. 80 MA. 40 W CAP: G-F 2.7; P-F 0.4; G-P 2.5 MU 18; GRID CURRENT 20 MA
 CLASS "C" TELEGRAPHY 35 W W/ DATA, UNUSED, TELEPHONY 20W \$2.00 EA. 4 FOR \$6.
 8025 TRANSMITTING TRIODE 500 MHZ, SAME SPECS AS 8012, BUT WITH 4-PIN BASE. UNUSED, \$2.50

UNUSUAL TUBES FOR THE COLLECTOR OR THE EXPERIMENTER. USED, EXCELLENT; FILAMENTS CHECKED, BUT NOT GUARANTEED OPERATIONAL.

JAN 218 RECTIFIER TUBE, HALF-WAVE, HIGH VACUUM; JUMBO 3-PIN BASE. 15 $\frac{1}{2}$ "H X 5" DIA., BOXED, \$10.00
 WESTERN ELECTRIC 701A PULSE TETRODE, 7 $\frac{1}{2}$ "H X 4" DIA., \$8.
 JAN 705A RECTIFIER TUBE, 4-PIN BASE; SHAPE SIMILAR TO 701A BUT 5 $\frac{1}{2}$ "H X 2 $\frac{1}{2}$ " DIA., \$5.
 JAN 715B PULSE AMP TETRODE, 4-PIN BASE; SHAPE SIMILAR TO 701A BUT 5 $\frac{1}{2}$ "H X 2 $\frac{1}{2}$ " DIA., \$6. 701A

FIELD TELEPHONES

EE-8 FIELD TELEPHONE, PORTABLE HAND-RINGING MAGNETO TYPE UNIT. OPERATES FROM TWO "D" CELL BATTERIES (NOT INCLD.) TWO OR MORE CAN BE USED IN A TWO WIRE SYSTEM UP TO 17 MILES IN LENGTH. WITH CARRYING CASE AND STRAP. 8x10x3 $\frac{1}{2}$ "; 18 LBS. USED, CHKD. \$50.

TP-3 FIELD TELEPHONE, PORTABLE, SAME AS EE-8 EXCEPT THIS UNIT DOES NOT REQUIRE FLASHLIGHT BATTERIES BECAUSE IT USES A SOUND POWERED HANDSET. SIZE: 8x10x4; 18 LBS. USED CHKD \$55

H-102 TELEPHONE HANDSET & SIGNALING UNIT FOR COMMUNICATIONS WHERE VOLTAGE IS AVAILABLE FOR OPERATING THE HANDSET AND THE UNIT'S RINGING CIRCUIT. REQUIRES 3 & 6 VDC. SIMILAR TO EE-8. 8x10x4; 15 LBS. USED, CHECKED, \$30.

RA-87 RECTIFIER; FOR USE WITH TELETYPE EQUIPMENT. CONVERTS 95 TO 125 VOLT OR 190 TO 250 VOLTS 50-60 CYC TO 115 VDC 400 MA AND 115 VAC 4.35 A. WHEN USED WITH 190 TO 250 VAC INPUT. RE-NEW \$12.95 SIZE: 14 $\frac{1}{2}$ "x7 $\frac{1}{2}$ "x8; 45 LBS. PRICE: USED \$16.95

PRECISION HV POWER SUPPLY, OUTPUT APPROX. 19 KV 250 U-AMPS REFERENCED TO GROUND. REQUIRES 115 VAC 60 HZ. UNITS POTTED EXCEPT FOR TRANSISTOR CONTROL BOARD AND VOLTAGE ADJUST POT. W/FUSE, TERMINAL FOR TEST METER. 10x5 $\frac{1}{2}$ "x2 $\frac{1}{2}$ ", 15 LBS. #CPS-5001P/1650, USED, \$16

LEDEK ROTARY SEL-ENNOIDS w/o wafers 28 VDC, 12 pos. #S-6738 f/1 1/2" dia wafer; 4 1/2" sh. #4 #S-6851 f/1-3/8" dia. wafer 5" lg. shaft. Unused \$3.50

POTTER & BRUM-FIELD AC RELAYS, OPEN FRAME, STYLE KA. 3PDT 5 A CONTACTS MOUNTED IN METAL CASE. 2 1/2 x 1-3/8 x 1-3/8. #5323 24 V 50-60 Hz, \$2.00 #5327 24 VDC \$2.50

OPEN FRAME, SPDT 5.5-7.5 VAC COIL; CONTACTS RATED 5/8 115 VAC. 1 1/2 x 1-3/8 #5945-233-1398, \$1.25

ALLIED CONTROL T255X-18, COIL 115 VAC 2580 OHMS. GOLD-PLATED DPDT CONTACTS RATED 5 A 29 VDC. 1 1/2 x 7/8 x 1-3/8. UNUSED. \$3.00 Ea.

4PDT RELAYS, 110 VDC, HEAVY CONTACTS. 2x2x1 1/2. #DOX1877, 5000 OHM COIL, \$2.00 #DOX1377, 230 OHM COIL, \$1.50

115 VAC OPEN FRAME RELAY 3PDT 10 AMP. CONTACTS. 1 1/2 x 1 1/2 x 2 1/2. ALLIED LAC-3A #5945-225-8616 NEW \$4.95

SEALED RELAYS 24 VDC 3 A. CONT. VARIOUS MFG. ROUND, OBLONG OR SQUARE, WIRE OR PLUG-IN. SORRY NO CHOICE.

1PDT	CWS571981	USED	.35
1PDT	#5703-34	"	.40
2PDT	#5709-7H	"	.45
3PDT	#56467	"	.50
4PDT	#54428	"	.55
6PST	#56469	"	.60

SIGMA DC RELAYS; OPEN-FRAME, 2 AMP CONTACTS, 1 1/2 x 2 1/2 x 1 1/2. REMOVED F/EQUIP. #41F500S-SIL, 6 VDC, \$1.00 #41F1000S-SIL 12 VDC, \$1.50

BK-27A TELETYPE RELAY USED W/BD-100 SWITCHBOARD UNIT HAS 2 RELAYS W/DUAL COILS 150 OHMS EACH W/10A CONTACTS THAT CAN BE ADJUSTED FROM INSIDE AND OUTSIDE OF THE BOX FOR EAST WEST TRANS. CONTROL. NEW SIZE: 6x4x3 1/2; 4 LB. \$3.95

FIVE ASSORTED RELAYS \$1.00
SUCH AS SEALED, OPEN FRAME, TELEPHONE ETC. MAY BE 6, 12 24 OR 48 VOLTS. \$1.00

DIMMER CONTROL TYPE A-4 667498 150 OHM 50 WATT 2 1/2 MTG. HOLES, W/KNOB 2 LBS. \$2.50
MATCHING PLUG \$1

#BYLZ-2504; DUAL 70 / 80 COOL-HEAT SCALE, \$2.95 #BYLZ-2292; DUAL 300 OHMS, 40-80 SCALE, \$2.95

WESTON SENSITROL RELAYS MODELS 723 AND 705; 3 1/2" ROUND. USED \$4.95 EACH SPECIFY:
RANGE MODEL
80% TO 120% VOLTS DC 723
90% TO 110% VDC 723
95% TO 105% VDC 723
110% TO 100% VOLTS AC 705
100% TO 90% VAC 705
9 TO 1.1 MILLIAMPS 723

SILICON RECTIFIER

POWER TESTED AT 1 MA MAX. LEAKAGE

1 AMP (TOP HAT)

50-200 PIV	\$.10
200-400 "	.15
400-600 "	.25
600-800 "	.35
800- "	.45
1000 "	.55

5 AMP (STUD)

200-400 PIV	.50
400-600 "	.60
700 "	1.00
800 "	1.20
1000 "	1.75

INI347 6 AMP. 500 PVI (GOLD) 1.50

35 AMP (STUD)

50 V	\$1.50
100 V	\$1.75
200 V	\$2.10
300 V	\$2.40
400 V	2.25
500 V	2.50
600 V	3.00
900 V	4.00

RHEOSTATS

RHEOSTAT VALUES: FIRST SET OF NUMBERS AFTER RHEO-PREFIX IS THE WATTAGE. YOU INDICATE DESIRED OHMS IN SECOND SET. SCD= SCREWDRIVER ADJUST.

#RHEO-25W-(OHMS), \$1.00 EA

1	2	5	6	7
10	12	15	25	35
50	55	60	75	100
125	130	165	175	200
250	300	350	400	500
600	1K	1500	2500	5000
5K	20K	35K		

#RHEO-50W-(OHMS), \$1.50 EA

1	1.5	2	5	6
8	8.5	10	12	15
16	17	17.5	20	25
30	35	40	45	50
60	75	80	90	100
124	150	200	220	225
350	500	1K	7K	

#RHEO-75W-(OHMS), \$2.00 EA (30-DUAL, \$3.00)

10	15	25	75
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#RHEO-100W-(OHMS), \$2.50 EA

20	100	350	1500
3K	3500-SCD		

#RHEO-150W-(OHMS), \$3.00 EA

12	3	4	5	10	15
16	35	40	410	500-SCD	
2500	750	600	25		

#RHEO-300W-(OHMS), \$6.00 EA

1500	(13.2-DUAL, \$9.00)
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#RHEO-500W-(OHMS), \$10 EA

2	80 (72.7-DUAL, \$15)
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#RHEO-750W-(OHMS), \$15 EA

5	720
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OTHER VALUES AVAIL. WRITE.

RHEOSTAT CONTROL UNIT FOR HEATED CLOTHING; 100 WATT 5.75 OHM RHEOSTAT MOUNTED IN CONTROL BOX WITH INDICATOR KNOB ALSO ON/OFF SWITCH & DUAL LOCKING TYPE SOCKETS FOR INPUT AND CONTROLLED OUTPUT VOLTAGES. SIZE: 5x4x2; WT: 3 LBS. TYPE C-1C UNUSED \$2.95

HIGH CURRENT RECTIFIERS, SOLDER PIGTAIL-TYPE (PIGTAIL AND HARDWARE NOT AVAILABLE). CONSERVATIVELY RATED. NEW. #50-100A; 50 V 100 AMPS, 5/8x3/8" DIA. THREADS. 1x2 OVERALL, \$2.00 #50-200; 50 V 200 AMPS, 1 1/16" DIA. THREADS, 1 1/2 x 3 OVERALL, \$3.50

CRYSTALS

465 Kc CRYSTAL, RESONATOR TYPE FILTER AS USED IN BC-794, BC-1004 ETC. \$1.50

200 Kc CRYSTAL IN OCTAL TYPE TUBE HOLDER \$3.50

CRYSTALS: FT-241-243 21-39 Mc. F/BC-604-684-620-659 NO CHOICE FREQ. 5 FOR \$1.00

JK-02 CRYSTAL OVEN FOR CR-26 CRYSTALS, OPERATES FROM 6.3-24.2 V. AC/DC, OCTAL BASE.

MOTOROLA #25B1001 FOR ONE CRYSTAL AS USED IN R-394-257 RECEIVERS. \$1.95

MOTOROLA #25B1003 FOR TWO CRYSTALS AS USED IN T-278-208 ETC. TRANSMITTERS \$2.50

CRYSTAL DIODES IN-21 IN-32 \$1.00 EACH 5 FOR \$5.00

FREQUENCY METER CRYSTALS 1000 KC. OCTAL PLUG-IN FOR LM/BC-221/TS-323. WIRING TO SOCKET MAY HAVE TO BE CHANGED. REMOVED \$12

CIRCUIT BREAKER



AIRCRAFT BAT HANDLE TYPE LUMINOUS TIP 24 TO 30 VDC STK# AMPS. PRICE

AN-3160	5 AMP	\$1.25
AN-3160	20 AMP	\$1.25
AN-3160	25 AMP	\$1.25

AIRCRAFT PUSH BUTTON TYPE 24 TO 30 VDC

AN-3161	5	.75
AN-3161	10	.75
AN-3161	15	.75
PM-40	40	.75
AN-3161	50	.75

HEINEMAN MODEL AM12HK CIRCUIT BREAKERS, 2 1/2 x 2 1/2"

12 VDC 4 AMPS,	\$1.25
50 VDC 3 AMPS,	1.25
50 VDC 5 AMPS,	1.35
50 VDC 40 AMPS,	1.50
115 VAC 60 HZ, 1.5 A,	1.00

AIRPAX I12R, 240 V. 400 HZ 10 AMP DELAY A SPEC. \$5.00

HEINEMAN #JA2-A8-A, 240 VAC HOLD 17 A, TRIP 2 1/2 A, \$2.

115 VAC 60 HZ; 3 1/2 x 1 1/2" #3H900-1.25, 1 1/2 AMP, \$1.00 #3H900-3-2, 3 AMPS, \$1.00 #3H900-4-5, DPST, 4 AMPS; 5 1/2 x 3 1/2, USED, \$1.95.



SQUARE"D" CIRCUIT BREAKER TYPE MO-4 "PLUG-IN" OR CAN BE MODIFIED FOR DIRECT WIRING. FOUR (4) 20 A. CIRCUITS 115 VOLT 60 CYCLE SIZE: 4 1/2 x 2 1/2; WT: 8 OZ. CAT# M0482222 PRICE: \$1.95

BOOKS & TECH MANUALS

\$3.00 EACH
BC-191
BC-375
PP-867,-868
-869
PP-281,-282
-494
PP-846

\$5.00 EACH
BC-312,-342
BC-603,-604
BC-652,-653
BC-683,-684
BC-659
BC-1000
BC-1335
PP-804
PP-109,-112
PRS-3
1-49
1-72G-K
T-14/R-19
TS-175 REPRO
TS-352 REPRO

\$7.50 EACH
BC-669/ REPRO
PP-638
T-14/R-19
TS-175 REPRO
TS-352 REPRO

BC-779,-1004 REPRO, \$10.
TCS-12 REPRO, \$12.00
BC-624,-625; PART OF SCR-522/542, REPRO, \$12.00

EE-94 & 95 CONTAINS TG-34 RD-60-VQ-3-BD-114 ETC \$7.50
FGC-20 & 21 CONTAINS TT-98 TT-99-TT-100 & PP-978 \$10

MOTOROLA FST-250, FMR-13, FMT-25A, P-8028, FMT-30 \$7.50
AN/GRC 10,39,40 COVERS RC. R-125, T-235, C-632 ETC \$8.50

SP-600-JX REPRO/W.S. \$10
R-368 (51J4) REPRO/W.S. \$10
R-220/URR-29 I.B./W.S. \$10
BC-348-R OR Q REPRO/W.S. \$10
CV-157/UHR REPRO/W.S. \$15

AN/USM-105 I.B./W.S. \$17
AN/USM-140 I.B./W.S. \$17
AN/TRM-1 REPRO/W.S. \$10
TS-510/USW-44 REPRO/W.S. \$10
TV-2 REPRO/W.S. \$10
TV-7 I.B./W.S. 7.50
ME-26 I.B./W.S. 8.50
FR-5/URM-80 I.B./W.S. 8.50
TS-148/UPM-33 I.B./WS 8.50

R-520, mil-Zenith Transo-38 AN/ARC-44, I.B./W.S. \$8.50
AN/TRC-8, R-19/T-14, \$8.50
AN/MRC-55, contains R-808, T-631, PP-1171/GRC-14, \$20
BC-221, f/most models \$7.50
TS-497B, I.B./W.S., \$8.50

TEKTRONIX AND HEWLETT-PACKARD tech manuals. Used.
TEK B \$7.50 TEK CA \$6.00
D 6.00 G 6.00
H 7.50 K 7.50
L 6.00 W 6.00
1A1 7.50 1A2 7.50
1A4 7.50 1A5 7.50
82 7.50 130 5.00
131 5.00 132 5.00
453 8.50 556 8.50

H-P 212A pulse gen. \$8.50
400D VTVM 5.00
410B VTVM 6.00
412A VTVM 8.50

THE LOW & MEDIUM FREQUENCY RADIO SCRAPBOOK W/21MB \$6.95; ADDENDUM 77/8, \$3.95

RTTY FROM A TO Z, \$5.00
NEW RTTY HANDBOOK, 3.95
73 IC TEST EQUIPMENT-\$4.95

U.S. ARMOR COMMUNICATIONS ELECTRONICS DATA (BOOK), JULY 1973; DESCRIPTIONS OF VARIOUS EQUIPMENT. \$3.00

REPRODUCTIONS OF SCHEMATICS \$1.50 AND UP. WRITE F/QUOTE

CO SURPLUS CONVERSION HANDBOOK INCLD. COMMAND SETS; ALSO ART-13, BC-348. \$4.50

TEKTRONIX AND HEWLETT-PACKARD tech manuals. Used.
TEK B \$7.50 TEK CA \$6.00
D 6.00 G 6.00
H 7.50 K 7.50
L 6.00 W 6.00
1A1 7.50 1A2 7.50
1A4 7.50 1A5 7.50
82 7.50 130 5.00
131 5.00 132 5.00
453 8.50 556 8.50

H-P 212A pulse gen. \$8.50
400D VTVM 5.00
410B VTVM 6.00
412A VTVM 8.50

THE MOS MEMORY DATA BOOK (1978), 200+ PP., \$2.50
BIPOLAR MICROCOMPUTER COMPONENTS (1977), 239 PP., \$2.95
INTERFACE CIRCUITS DATA BOOK (1977), 592 PP., \$4.75
THE TTL DATA BOOK, 2ND ED.; W/SCHOTTKY, 832 PP., \$4.95
TRANSISTOR AND DIODE DATA BOOK (1973), 1248 PP., \$8.50
POWER SEMICONDUCTOR DATA BOOK (1972), 816 PP., \$7.50
LINEAR CONTROL CIRCUITS DATA BOOK (1976), 368 PP., \$2.95
THE OPTOELECTRONICS DATA BOOK (1978); 408 PP., \$3.50
THE SEMICONDUCTOR MEMORY BOOK (1975), 272 PP., \$1.50

UNDERSTANDING SOLID-STATE ELECTRONICS (1978) BY TI; 12 LESSON, SELF-TEACHING COURSE. 270 PP., ILLUS. \$3.95
INTEL 1976 DATA CATALOG; INFO AND PINOUTS ON 4004, 8080A, RAM'S, ROM'S, ETC. 618 PP., \$3.00

MAGAZINES We carry monthly issues of these magazines: 73 (\$2.50), QST (\$2), CG (\$1.50), Ham Radio (\$2.), Ham Radio Horizons (\$1.25), BYTE (\$2.), and Kilobaud (\$2.50).

MORE BOOKS ON GREEN PAGES

TEXAS INSTRUMENTS TI SOLID-STATE COMPONENTS DATA BOOKS; 10x7, SOFTBOUND.

ART-13 TRANSMITTER



T-47/ART-13 TRANSMITTER; THIS WELL-KNOWN UNIT HAS AN UPPER FREQUENCY RANGE FROM 2000 TO 18,000 KHZ. TRANSMISSION AT LOWER FREQUENCIES FROM 200 KHZ POSSIBLE WHEN THE PROPER OSCILLATOR AND LOADING COIL ARE USED (PRICED SEPARATELY BELOW). AUTO- OR MANUALLY TUNED. TRANSMITS CW, MCW, AND AM VOICE; 90 WATTS POWER OUTPUT. CONVERSION INFO IN **CO SURPLUS CONVERSION HANDBOOK**. WITH TUBES: 2/811, 813, 837, 2/1625, 12SJ7, 12SA7, 2/12SL7, AND 2/6V6. POWER REQUIRED: 28 VDC 10 AMP; 400 VDC 225 MA, AND 1250 VDC 250 MA. 23x16x11; WT: 70 LBS. USED, \$49.50

28 VDC DYNAMOTOR FOR ART-13, USED, \$14.95

MANUAL FOR ART-13, PARTIAL REPRODUCTION, \$12
CONNECTOR PLUGS FOR ART-13: U-7, U-8 FOR TRANSMITTER; U-9, U-10 F/DYNAMOTOR, WRITE.

O-16/ART-13 LOW FREQUENCY OSCILLATOR, 200 TO 500 KHZ OR 600 TO 1500 KHZ, USED, \$17.95

CDA-T CRYSTAL OSCILLATOR F/ART-13B; CRYSTAL-CONTROL FOUR CHANNELS OVER 300-500 KHZ. FITS IN SET. USED, \$9.95. CONNECTORS (2), \$1 EA.
HIGH FREQUENCY OSCILLATOR F/ART-13, VARIABLE OVER 1000-1510 KHZ; LESS 837 TUBE. USED, \$6.
AUDIO SPEECH AMP F/ART-13, #2C254, USED, \$6.
SA-22/ART-13 ANTENNA SWITCHING UNIT; W/BENDIX LM-26G VACUUM RELAY. 10 LBS. UNUSED, \$6.
C-87/ART-13 PILOT'S CONTROL BOX, UNUSED, \$3.

BC-348 RECEIVERS



BC-348 RECEIVER, 200 TO 500 KHZ AND 1.5 TO 18 MHz AM AND CW IN SIX BANDS. FEATURES CRYSTAL FILTER, MANUAL AND AUTOMATIC VOLUME CONTROL, AND BFO. INTERMEDIATE FREQUENCY: 915 KHZ; OUTPUT IMPEDANCE: 300 OR 4000 OHMS. "Q" OR "R" MODELS SHIPPED ACCORDING TO AVAILABILITY. TUBE LINE-UP VARIES AMONG MODELS. SOLD LESS THE DYNAMOTOR POWER REQUIRED: 220 VDC 70 MA AND 24 VDC. SIZE: 18x10x9; SHPG. WT: 44 LBS. PRICE: USED, REPARABLE, \$75. CHECKED, \$99.50

DM-28 DYNAMOTOR, 28 VDC 2 AMPS, USED, \$8.95
115 VAC 60 HZ POWER SUPPLY W/SPEAKER, \$23.00
PL-103 CONNECTOR PLUG F/REAR OF REC., 2.50
MANUAL FOR BC-348-4 OR -R, REPRODUCTION, \$10.

RECEIVER-TRANSMITTER

RT-294A/ARC-44 RECEIVER-TRANS

MITTER DESIGNED FOR AIRCRAFT USE IN THE FREQ. RANGE OF 24.0 TO 51.9 MHz F.M. VOICE IN 280 PRE-SET CHANNELS. TRANSMITTER IS APPROX. 8 W. OUTPUT, 52 OHM LOAD, AIR TO GND. RANGE APPROX. 50 MILES. REC. AUDIO OUTPUT APPROX. 50 MW. ACROSS 150 OHM. 600 OHM HEADSET. MAY ALSO BE USED AS HOMING DEVICE FOR KEYED UNMODULATED OR CW SIGNALS. POWER REC. 27.5 VDC 3 A. 150 VDC @ 85 MA., 300 VDC @ 125 MA., 27 V. 400 CYC. FOR BLOWER. WITH TUBES 9/5840, 7/5718, 4/5829, 3/5636, 2/5763, 1/5647, 1/5902, 1/6112 & 1/6BF7. SIZE: 7x14x5; WT: 17 LBS. PRICE: USED, \$19.95



MANUAL F/ARC-44, \$8.50 WHEN PURCHASED W/SET.
SB-329 CONTROL BOX, USED, \$3.95; UNUSED, \$8.

TRANSCIEVER R.F. TUNER FOR COLLINS 618S-1.

THIS SUBASSY CONTAINS 1ST & 2ND R.F. AMP, 1ST & 2ND REC. MIXER, 1ST & 2ND TRANS. MIXER, I.F. AMP. DISCRIMINATOR, MULTIPLIER AND 2 DRIVER CIRCUITS. WITH TUBES 2/5654, 3/5749, 4/5750 & 2/5686. TUNING IS DONE BY THE SLUGS MOVING IN AND OUT OF THE COILS. FREQ. RANGE 2-25 MC. SIZE: 8x7x6; WT: 10 LBS. #5821-547-5718/618S-1. PRICE: USED \$14.95



ANTENNA COUPLER



CU-656 ANTENNA COUPLER, HANDLES UP TO EIGHT RECEIVERS IN THE 2-32 MHz RANGE. GAIN: 0 TO 3 DB. NOISE FIGURE: 6 DB OR BETTER. HAS 0-50 MICROAMMETER TEST INDICATOR AND CIRCUIT SELECTOR SWITCH ON FRONT. 70 OHM INPUT; TYPE C CONNECTIONS. WITH TUBES 20/6922 AND 0B2. POWER REQUIRED: 115/230 VAC 50-60 HZ. SIZE: 7x19x16; SH WT: 40 LBS. USED, REPARABLE, \$50.00

GIBSON GIRL



T-74/CRT-3 SEA RESCUE TRANSMITTER EMERGENCY TYPE FOR USE ON THE DISTRESS FREQUENCIES OF 500 AND 8364 KH. POWERED BY HAND CRANK GENERATOR OR SENDS OUT AUTOMATICALLY SOS SIGNALS. CAN ALSO BE KEYED BY HAND WITH A 1000 CYCLE TONE, ON 500 KH ONLY. SIZE: 10x8x10; WT: 20 LBS. USED \$24.95

GIBSON GIRL ACCESSORIES
M-315 HYDROGEN GENERATOR W/INFLATING TUBE; DESIGNED TO INFLATE M-278 BALLOON (NOT AVAILABLE). CONSISTS OF STEEL CYLINDER FILLED W/ LITHIUM HYDRIDE. IMMERSION ACTIVATED, \$7.00
M-308 SIGNAL LAMP W/STRAP FOR AROUND HEAD. PLUGS INTO T-74 AND LIGHTS WHEN XMITTING, \$1.
W-147 ANTENNA WIRE, 306' ON SPOOL. 65 LBS. TEST; #16 STRAND; .04" DIA. \$2.50

SSB TRANSCEIVER

RT-594/ARC-38A SSB TRANSCEIVER, 2.0 TO

25 MHz FROM 20 PRESET CHANNELS; FREQ. INTERVAL: 500 Hz (2.0-7.25 MHz) AND 1000 Hz (7.25-25.0 MHz). HAS AUTOTUNE FROM CHANNEL TO CHANNEL. TRANSMITS SSB OR AM SIGNALS WITH MINIMUM PEAK OUTPUT OF 100 WATTS (2-14.25 MHz) AND 90 WATTS (14.25-25 MHz). ANTENNA TUNE POWER: 50 WATTS. CARRIER SUPPRESSION: 40 DB MIN. RECEIVES AM, DSB, AND SSB. SENSITIVITY: 1.5 U-V. FOR 10 DB (SSB); SELECTIVITY: 3 KHZ MIN. BANDWIDTH @ 6 DB DOWN; 8 KHZ MAX. @ 60 DB DOWN. CAN BE USED WITH FSK. UTILIZES A VFO, SPECIAL DISCRIMINATOR AND REFERENCE OSCILLATOR SUBASSEMBLIES. WITH 25 TUBES. POWER REQUIRED: 28 VDC AND 115 VAC 400 HZ. 600 VDC, 250 VDC, -50 VDC, -65 VDC AND 6.3 VAC. 115 V. 400 HZ FOR SELSYN ON PA INDUCTOR. SIZE: 15x8x23; WT: 65 LBS. PRICE: RT-594/ARC-38A, USED, REPARABLE, \$135

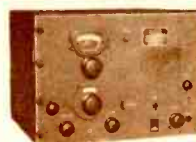


618S-1/MC TRANSCEIVER MODIFIED FOR SSB. SIMILAR SPECS AS THE ARC-38A, USED, \$99.95

RT-311/ARC-38 TRANSCEIVER, SIMILAR TO THE ARC-38A, BUT WITHOUT SSB. USED, \$75.00

COLLINS 618S-1 TRANSCEIVER, SIMILAR TO RT-311/ARC-38, BUT WITHOUT VFO. CRYSTAL-CONTROLLED AM RECEIVER. USED, REPARABLE, \$49.50

1.5 - 30 MHZ RECEIVER



CFT-46243 RADIO RECEIVER, ORIGINALLY USED WITH NAVY DAJ DIRECTION FINDER SET. COVERS 1.5 MHz TO 30 MHz IN FOUR BANDS. SUPERHETERODYNE TYPE RECEIVER HAS CONTROLS FOR BFO, AF GAIN, SENSE GAIN, AND SENSITIVITY. WITH TUBES 4/6SK7, 2/6SH7, 6SJ7, 6SQ7, 6SA7, 6K6, 6H6, 6J5, 0D3, AND 5U4G. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 14x19x17; SHPG. WT: 90 LBS. USED REPARABLE, \$100.

C-BAND AMP-MULTIPLIER



AM-915/GRC AMPLIFIER-MULTIPLIER, ORIGINALLY USED WITH THE T-302/GRC TRANSMITTER TO COVER THE C BAND, 225-400 MHz FM. OUTPUT: 120 WATTS DRIVEN BY TWO 4X150's. SIZE: 12x6x14, SHPG. WT: 45 LBS. USED, \$54.95
AM-1180/GRC 50-100 MHz, (1) 4X150A, \$49.50
AM-2537/TRA, 790-915 & 840-925 MHz, \$59.50

AMPLIFIER-CONVERTER PLUG-IN UNITS USED WITH R-417/GRC RECEIVER. 30 MHz IF. CONTINUOUS TUNING OF RF AND OSCILLATOR. USED, COMPLETE. SIZE: 7x6x9; SHPG. WT: 17 LBS.
AM-1179/GRC, 50-100 MHz, \$39.50
AM-914/GRC, 225-400 MHz, 4/6J4, 5670, \$34.95
AM-1177/GRC, 400-600 MHz, \$44.50

BANDPASS FILTERS FOR R-417/GRC RECEIVERS.

F-193/U 121-142 MHz	
F-195/U 163-184 "	PRICE:
F-196/U 184-205 "	USED
F-197/U 205-226 "	\$12.95
F-199/U 224-254 "	
F-200/U 254-284 "	
F-201/U 284-314 "	
F-202/U 314-344 "	F-239/U 58.5-67.0 "
F-203/U 344-374 "	F-240/U 67.0-76.0 "
F-204/U 374-404 "	F-192/U 100-121 MHz
WRITE ABOUT OTHERS	F-236/U 550-600 "

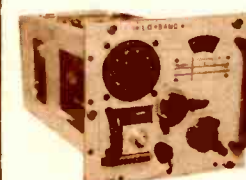


1700-2400 MHZ RECEIVER

R-418/TRC-29 MICROWAVE RECEIVER WITH PP-690 AC POWER SUPPLY. FREQUENCY RANGE: 1700-2400 MHz FM UTILIZING 27 PRESET CHANNELS. IF=120 MHz; VIDEO OUTPUT: 30 Hz TO 4.5 MHz, -3 TO +7 DBM, 158-500 MV-RMS. NOISE FIGURE: 14-16 DBM. 50 OHM ANTENNA INPUT. HAS TWO METERS FOR CIRCUIT TEST AND ALIGNMENT PROCEDURES. RECEIVER USES 68M6 KLYSTRON OSCILLATOR AND 28 OTHER TUBES. POWER SUPPLY HAS 18 TUBES. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 19x19x19 (R-418); 12x19x19 (PP-690). SHPG. WT: 200 LBS. USED, \$150. UNUSED, \$200.00



T-303/TRC-29 XMITTER, 1700-2400 MHz FM USING 27 PRESET CHANNELS. [20 MHz IF. VIDEO INPUT/OUTPUT: 30 Hz-4.5 MHz. WITH POWER SUPPLIES PP-764 & -689. 600 LBS. SH. LESS SLR-7 KLYSTRON. USED, \$150. UNUSED, \$200. SLR-7, \$100. MANUAL W/PURCHASE OF SET, \$20.



AM-1955/GRC AMPLIFIER CONVERTER USED WITH R-1148/GRC-55 RECEIVER FOR 600-1000 MHz BAND. 17 MHz IF. HAS 115 V 60 HZ MOTOR AS PART OF AFC SYSTEM. WITH TUBES 2C40A, 2/5842, 5654, IN21B, IN21WE. 150 VDC AND 6.3 VAC REQUIRED. SIZE: 15x9x8; 30 LBS. SH. USED, \$50.00

AUDIO AMPLIFIER

AM-864/U AUDIO FREQUENCY AMPLIFIER IS A PEAK-LIMITING UNIT FOR AM AND FM BROADCAST OPERATIONS. MAY ALSO BE USED IN RECORDING AND SOUND SYSTEMS REQUIRING AUTOMATIC REGULATION OF PROGRAM LEVEL. INPUT AND OUTPUT IMPEDANCE BOTH 600 OHMS CT. GAIN: 36 DB (MAX.) POWER OUTPUT: 6 MW INTO 600 OHMS. DISTORTION: LESS THAN 2% @ 400, 1000 & 5000 HZ. SPEED OF AUTOMATIC GAIN REDUCTION: 0.05 SECONDS; RECOVERY TIME: 2 SEC. NOISE LEVEL: 40 DB BELOW 6 MW. FREQ. RESPONSE: FLAT WITHIN 1 DB FROM 100 TO 5000 HZ. WITH TUBES 2/6SK7, 6SQ7, 6SN7, 5Y3. RACKMOUNT. POWER REQUIRED: 115/220 VAC 50-60 HZ. SIZE: 7x8x19; WT: 30 LBS. PRICE: RE-COND. \$24.95



AM-447 AUDIO FREQUENCY AMPLIFIER, VOLUME LIMITING TYPE, INSURES UNIFORM OUTPUT UNDER CONDITIONS WHERE THE RECEIVED SIGNAL LEVEL MAY VARY IN AMPLITUDE, ELIMINATING THE NEED FOR CONSTANTLY READJUSTING THE OUTPUT LEVEL. IT IS INTENDED TO BE USED RECEIVING EQUIPMENT, LINE AMPLIFIER OR AMPLIFY THE OUTPUT OF A MICROPHONE FOR MODULATING TRANSMITTING EQUIPMENT. INPUT IMPEDANCE 600 OHMS, OUTPUT IMPEDANCE 200 AND 600 OHMS, AUDIO INPUT: -10 DBM TO -10 DBM, FREQ. RESPONSE FLAT WITHIN 2 DB FROM 300 TO 3500 CPS.. GAIN: 34.8 DBM MAX. AUDIO OUTPUT 3 WATT HAS INPUT, OUTPUT AND PHONE JACKS ALSO VOLUME CONTROLS. WITH TUBES POWER REQUIRED 115 VOLT 50/60 CYCLE. SIZE: 7x12x14; (NO COVER WITH UNIT) WT: 23 LBS PRICES: USED SERVICEABLE \$8.95 TWO FOR \$15.00

VFO - EXCITER - MOD

VFO-MASTER OSCILLATOR FROM THE T-195 TRANSMITTER; GENERATES FREQUENCY OF 1.5 TO 3 MHZ. HAS 5749 OSCILLATOR TUBE AND 5749 BUFFER-AMP TUBE. WITH 2x3x16" DIA. SHAFT. 2x3x7, WT: 5 LBS. VFO/T-195, REMOVED F/EQUIPMENT, \$7.95



EXCITER STAGE FROM T-195, USED TO AMPLIFY VFO OUTPUT AND SUPPLY DESIRED TRANSMITTING FREQUENCY TO POWER AMP. SLUG TUNED IN RANGES (1.5-3), (3-6), (6-12), AND (12-20) MHZ. WITH TUBES 6AU6, 2/6AK6, AND 5763. SIZE: 4x3x8, 12 LBS. EXC/T-195, \$14.95



MODULATOR F/T-195, DESIGNED TO PROVIDE PROPER AUDIO POWER TO MODULATE POWER AMP AND SUPPLY SIDETONE. 300 HZ AND 3500 HZ BANDPASS. W/TUBES 5726, 2/12AT7, 5814. LESS 4X130 TUBES AND SOCKETS. 8x6x4, 6 LBS. \$14.95



TRANSISTOR RADIOSONDE

TRANSISTORIZED RADIOSONDE WITH CLOCKWORK TIMING MECHANISM (NO KEY); USED IN METEOROLOGICAL OBSERVATION OR SIMILAR APPLICATIONS REQUIRING AN EXTREMELY LIGHT-WEIGHT TRANSMITTER. UTILIZES A 2-TRANSISTOR MODULATOR AND A 2-TRANSISTOR TRANSMITTER CIRCUIT. TRANSMITTER HAS A 7533 INTEGRAL CAVITY TUBE WHICH FUNCTIONS AS THE TUNED CIRCUIT FOR THE OUTPUT: 1660-1700 MHZ, 575 MW (NO FURTHER DATA). WITH HUMIDITY ELEMENT. TRANSMITTER SIZE: 2 1/2" DIA. X 6". OVERALL SIZE: 7x4x5 1/2. SHPG. WT: 4 LBS. FRIZ #3002, UNUSED, \$9.95



T-69F/AMT-2 RADIOSONDE TRANSMITTER ONLY. F-2 EMISSION (FM) 390 TO 410 MC RANGE WITH TUBES 5703 AND 5910. REQUIRES BB-208 DRY CELL BATTERIES (SOLD SEPARATE). SIZE: 6x5x2 1/2 WT: 2 LBS. \$1.50 BB-208 DRY CELL BATTERY SET WT: 1 LB. \$2.00



TCS RECEIVER



NAVY TCS RECEIVER COVERS 1.5 TO 12 MHZ AM IN THREE BANDS; CONTINUOUS TUNING OR FOUR CRYSTAL-CONTROLLED CHANNELS. AUDIO OUTPUT: 1.5 MW INTO 500 OHM LOAD. WITH TUBES 2/12A6, 12SA7, 3/12SK7, AND 12SQ7. POWER REQUIRED: 220 VDC 100 MA AND 12 VDC SIZE: 11x11x13 1/2; SHPG. WT: 42 LBS. NET: 37 LBS. PRICE: USED, REPARABLE, \$19.95 CHECKED, \$50.00

TCS ACCESSORIES

TRANS. ANT. LOADING UNIT	USED	14.95
DYNAMOTOR P.S. F/REC & TRANS. 12V		14.95
REC. TO P.S. CABLE		2.75
TRANS. TO P.S. CABLE		2.75
CONTROL BOX TO P.S. CABLE		4.95
CONNECTOR PLUGS FOR ANY OF UNITS, EACH		2.00
MOUNTING BASE W/ SHOCK MOUNTS		4.75
SHOCK MOUNTS ONLY	EACH	.75
NOISE LIMITER CONVERSION KIT F/REC		3.00
AC POWER SUPPLY 115 VOLT 60 HZ TRANS.		40.00
REC. ONLY W/SPEAKER \$25. REC. & TRANS.		55.00

FOR MORE INFORMATION PLEASE WRITE

BENDIX TRANSMITTER

BENDIX TA-12B TRANSMITTER, 40 WATTS OUTPUT CW, MCW AND PHONE FROM 300 TO 600 KHZ AND 3000 TO 7000 KHZ. EACH OF THE FOUR CHANNELS HAS ITS OWN OSCILLATOR, OSC. TUNING, AND LOADING. 0-5 RF AMMETER MONITORS ANTENNA CURRENT. WITH TUBES 4/12SK7 AND 3/807. ORIGINALLY USED WITH MP-28B 24 VDC 15 AMP DYNAMOTOR-MODULATOR (NOT AVAILABLE). POWER REQUIRED: 24 VDC 3 AMPS, 260 AND 400 VDC EXTERNALLY MODULATED. SIZE: 10x15x11; WT: 40 LBS. USED, \$39.50



ANTI-FIRE ANTI-THEFT



FIRE CHEX AUTOMOTIVE ELECTRICAL SHUT-DOWN DEVICE; DESIGNED TO AUTOMATICALLY DISCONNECT A CAR'S, TRUCK'S, OR BOAT'S ELECTRICAL SYSTEM IN THE EVENT OF A COLLISION AND THUS SUBSTANTIALLY REDUCE THE THREAT OF FIRE IN AN ACCIDENT. BY USING THE INCLUDED 80" SPLINE SHAFT, FIRE CHEX MAY ALSO BE USED AS AN ANTI-THEFT DEVICE. WITH THE ENGAGEMENT OF THE SPLINE LEVER HIDDEN UNDER A DASHBOARD, THE POTENTIAL THIEF COULD NOT START A VEHICLE, EVEN IF HE OR SHE "HOT-WIRED" THE IGNITION. THE ENGINE WOULD NOT TURNOVER UNTIL THE OWNER DISENGAGED THE UNIT. WORKS IN 6, 12, OR 24 VDC SYSTEMS. WITH SPLINE, FUSED LINE, MOUNTING BRACKETS, AND WIRING INSTRUCTIONS. SIZE: 4x4x1 1/2; SHPG. WT: 6 LBS. UNUSED, \$9.95

DATA STORAGE UNIT



CV-2607/CG CONVERTER SIGNAL DATA STORAGE; TAPE DATA STORAGE UNIT USES EIGHT CHANNEL HEADS, ONE READ AND ONE WRITE TAPE STORED IN 14x12 1/2" MAGAZINE. SPROCKET-DRIVE HEADS HAS TWO SYNCHRONOUS STEPPING MOTORS @ 200 STEPS PER REVOLUTION. TWO SWING-OUT CIRCUIT CARD RACKS EACH HOLD FIFTEEN 6-3/8x5 1/2" CARDS. USES MOSTLY 2N404 TRANSISTORS, BUT ALSO SOME PLASTIC SILICON ONES. UNIT SETS IN RACKMOUNT CABINET WITH INTERIOR SLIDES AND MUFFIN FAN. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 19x10 1/2 x21 1/2. SHPG. WT: 115 LBS. UNUSED, \$59.95



GRAB BOX ASSORTMENT OF USED AND UNUSED MANUFACTURERS AND GOVERNMENT SURPLUS ELECTRONIC PARTS SUCH AS ASSEMBLIES, MOTORS, COILS, TRANSFORMERS, CHOKES, CIRCUIT BOARDS, CAPACITORS, RESISTORS, AND OTHER USABLE ITEMS. PACKED IN 50 LBS. CARTONS. \$7.50 EA. OR TWO CARTONS FOR \$13.00. SHIPPED VIA UPS WITH FREIGHT CHARGES VARYING FROM \$5 TO \$16 PER CARTON. ALLOW FOR FREIGHT. GRAB BOX IS GOOD FILLER TO TAKE ADVANTAGE OF MOTOR FREIGHT 150 LBS. MINIMUM WEIGHT RATES.

DIGITAL DISPLAY



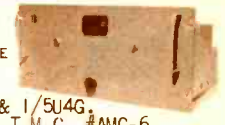
DIGITAL DISPLAY: EACH UNIT WILL SHOW NUMBERS 0 TO 9 ALSO \$ SIGN 3-3/16" HIGH ON 3 1/2x4 SCREEN THAT CAN BE SEEN FOR QUITE A DISTANCE. OPERATES FROM 6.3 VAC. CAN BE ADAPTED FOR BASKETBALL FOUL INDICATOR BY PLACING ONE OVER EACH SCOREBOARD AND HAVE A CONTROL PANEL CONSISTING OF 5 SWITCHES AND TRANSFORMER AT THE SCORER'S TABLE. (WIRING DIAGRAM FURNISHED ON REQUEST) CAN ALSO BE ADAPTED FOR USE AS A MOVING READOUT BOARD. SIZE: 3 1/2x5 1/2x1 1/2; WT: 7 LBS. PRICES: \$3.95 EA. 3 FOR \$10.00

SUBCYCLE RINGER

TA-13/TT STATIC FREQUENCY CONVERTER FOR RINGING PRIVATE TELEPHONE LINES. INPUT: 105-125 VAC 50-60 HZ. OUTPUT: 75-110 V 16-2/3 TO 20 HZ. WITH FUSE AND CONNECTORS. SIZE: 4-3/8x7-3/8 x13 1/2; 45 LBS. SH; NET: 32 LBS. UNUSED, \$35.



CU-992/URR MULTI-ANTENNA COUPLER FOR USE IN THE 2 TO 32 MHZ RANGE, CAN BE USED WITH 6 RECEIVERS FROM ONE ANTENNA SYSTEM. WITH TUBES 8/6AH6, 2/0B2 & 1/5U4G. POWER REQ. 115 V. 60 HZ. T.M.C. #AMC-6 RACK MTG. 19x8x15; WT: 40 LBS. REPARABLE \$25



CAMERA MAGAZINE



35 MM RECORDING CAMERA MAGAZINE TYPE C-7, DESIGNED FOR AIRCRAFT CAMERA BUT CAN BE ADAPTED TO OTHER EQUIPMENT. UNIT ACCEPTS 35 MM FILM ON 2-5/8" DIA. REELS; HAS SPROCKETS, GUIDES, AND MARKED THREAD PATTERN. 1" DIA. DRIVE ASSEMBLY PARALLEL TO PICTURE PLANE. WITH COVERS FOR FILM COMPARTMENT AND MOUNTING FACE. 3-7/8x5 1/2x5 1/2; 8 LBS. SH. USED, \$10.00

WIRELESS AMPLIFIER



WPT-2 TRANSISTORIZED WIRELESS AMPLIFIER BY FANON; DESIGNED FOR USE WITH CALL-ORIGINATOR BOX (NOT AVAILABLE) AS A PAGING/INTERCOM SYSTEM WITHOUT LINES. 4 WATTS PEAK. OPERATES FROM 115 VAC 60 HZ AND MUST BE IN SAME AC CIRCUIT AS THE CALLING BOX. USABLE WITH TWO 8 OHM SPEAKERS OR THREE OR FOUR 45 OHM ONES. MAY BE MOUNTED INDOORS OR OUT. SIZE: 4x8x3; SH WT: 5 LBS. UNUSED, W/INFO, \$7.95

DIGITAL DISPLAY



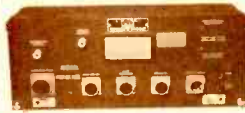
ID-953 DIGITAL DISPLAY; six Burroughs 8421 (B-5092) NIXIE. Amber-colored filter; BEZEL marked hours, minutes, seconds. Has two Amphenol 57-40500 connectors (mates not available). 3 1/2" h x 4" d for standard rackmount. Price: Unused, \$29.95

PORTABLE SIGNAL LIGHT

CANADIAN MORSE CODE SIGNAL LIGHT; MIRROR REFLECTOR TILTED BY TRIGGER IN HAND GRIP, SIGHTING TUBE ON TOP, 4" CLEAR REPLACEABLE LENSES LISTED BELOW. TEN FOOT CABLE & 12 VDC 31 WATT LAMP. CAN ALSO BE USED AS SPOT LIGHT. COMES IN WOOD CARRYING CASE, 9x6 1/2x8; 15 LBS. CAN #5A USED \$14.95 EXTRA INTERCHANGEABLE LENSES IN RED, BLUE, GREEN OR CLEAR TINT \$1 EA. SET OF 4 \$3



ALTIMETER TRANSCEIVER



RT-7/APN-1 ALTIMETER TRANSCEIVER, 418 TO 462 MHZ FM; ABSOLUTE READINGS TO 4000 FEET. CAN BE CONVERTED FOR OTHER USES. UNIT CONTAINS WOBBLATOR, DYNAMOTOR, AND TUBES 2/955, 2/9004, 3/12S37, 4/12SH7, 2/12H6, AND 0D3. POWER REQUIRED: 27 VDC 3 AMPS. SIZE: 8 1/2x18 1/2x8; SH WT: 25 LBS. UNUSED, \$18.95; MANUAL, NO SCHEMATIC, \$3.00 SHOCKMOUNT ASSEMBLY FOR APN-1, \$2.00

1D-14A/APN-1 RADIO ALTITUDE INDICATOR USED WITH RT-7. 2 1/2" DIA. METER HAS SWITCHABLE SCALES 0-400 FT. AND 400-4000 FT., ON-OFF SWITCH. FS-6 MADC. UNUSED, \$3.95



SA-1/ARN-1 ALTITUDE LIMITER SWITCH USED WITH RT-7 AND 1D-14A IN CONJUNCTION WITH AN AUTOPILOT SYSTEM. ALTITUDE LIMIT SET FROM 50 FT. TO 30' FT. IN 25' STEPS; X 10 MULTIPLIER FOR HIGHER ALTITUDES. DESIGNED TO SIGNAL WHEN MIN. AND MAX. LIMITS ARE EXCEEDED. 3" DIA. UNUSED, \$2.95

RT-159/URC-4 RADIO RECEIVER-TRANSMITTER USED FOR GROUND TO AIR-CRAFT RESCUE WORK. VHF FREQ. 120-130 MC. UHF FREQ. 240-260 MC. CRYSTAL CONTROL TRANSMITTER, SUPER REGENERATIVE RECEIVER. DIPOLE COLLAPSIBLE ANTENNA AND COMB. MIC & EARPHONE ARE PART OF THE SET. WITH 8 TUBES 4/6050, 2/6147, 2E32, & 3Q4.



REQUIRES 1.4 AND 90 VDC. UNITS W/ BROKEN COILS OR OTHER. CAN SHIP 2 TO MAKE 1. 3 1/2x7x2 1/2, 3 LBS. AS-IS. \$12. EACH. CX-1093A/U POWER CABLE FOR URC-4 \$1.50



URC-4 TEST SET, TS-684/URM-30 USED FOR ALIGNMENT AND TESTING RT-159 REC TRANS. CONTAINS 0-1 MA. METER, CRYSTAL OSC., METERING SW. ANTENNA, CABLE ETC. IN CASE SIZE 6x6x4. SCHEMATIC IN COVER. PRICE: \$9.95



RT-285/URC-11 RECEIVER-TRANSMITTER SIMILAR TO URC-4 RESCUE UNIT FOR USE BETWEEN AIRCRAFT AND GROUND. UNIT IS SET FOR 243 MC. TELESCOPING ANT. REC.-TRANS-TONE SW. BUTTON. REQUIRES 1.4 AND 90 VDC AS DOES URC-4. TS-684 TEST SET FOR URC-4 CAN BE USED WITH URC-11. SIZE: 3x11 1/2x4; WT: 1 1/2 LBS. PRICE: USED..... \$18.95

CRYSTAL CALIBRATOR WITH THREE SEPARATE OSCILLATORS AT 10 KHZ, 100 KHZ. AND 1000 KHZ. WORKS FROM 1 TO 30 MHZ ON 1000 KHZ OSCILLATOR; 100 KHZ TO 10.5 MHZ ON 100 KHZ; AND FROM 10 KHZ TO 10 MHZ ON 10 KHZ. ORIGINALLY DESIGNED FOR USE WITH NO. 19 MK III RECEIVER-TRANSMITTER. WITH CRYSTAL SELECTOR, CABLE, AND PLUG. POWER REQUIRED: 12 VDC @ 0.5 A. & 265 V. @ 2.5 MA. SIZE: 2x9 1/2x4 1/2; WT: 7 LBS. USED, \$12.95



APX-6 R.F. HEAD A-403 P/O RF-29 WITH COUNTERS AND ANTENNA INPUT. USES TUBES 2C42, 2C46 & 1B40. 8x8 1/2x3; WT: 6 LB. LESS TUBES \$4.95



SONALERT ALARM

MALLORY SONALERT ALARM MODULE, OPERATES FROM 5 TO 28 VDC 3-14 MA; FREQUENCY: 2900 HZ FAST PULSE, 68 TO 80 DB. 1-7/8x1-5/8 DIA. REMOVED F/EQUIP. #SC628P, \$5.95 EA. SONALERT WITH 24 V SOLID-STATE PULSER MODULE, 30 CPM; PLUGS IN OCTAL BASE. MOUNTED ON BRACKET. REM F/EQUIP. #SC628P-PM, \$7.95

RADIO TELEPHONE LINK



AN/TRC-47 RADIO TELEPHONE LINK, connects radio voice communications to two-line telephone systems. Consists of transmitter, receiver, and signal converter sections. Operates on a single crystal-controlled channel in the 132-150 Mhz band. Carrier output: 7 watts.

Converter changes 20 Hz ringing signal into a radio transmittable 800 Hz signal and vice versa. Used in pairs, the sets can establish links up to three miles apart. With built-in speaker, tuning meter, and tubes 3/0A2, 3/0B2, 2E26, 5R4, 4/6AK5, 2/6AK6, 6A25, 6A36, 6AX5, 2/6BA6, 2/6J6, 2/6L6, 3/6X4, 4/12A7, 2/12A07, 2/12A07, and 5763. Power required: 115/230 VAC 50-400 Hz. 2 1/2x14 1/2x22 1/2; 100 lbs. sh. Used, repairable, \$40.

RADIOSONDE

AN/AMT-4A RADIOSONDE: CONSISTING OF THE T-304A TRANSMITTER & MD-147C MODULATOR. TRANS. IS A.W., 1680 MHZ AND THE MODULATOR CONTAINS THE PRESSURE SENSITIVE ELEMENT OR ANERIOD, TEMPERATURE ELE. HUMIDITY ELEMENT AND A COMUTATOR, SERVES AS A SWITCHING ARRANGEMENT FOR THE DIFFERENT SERVICES WHICH IS TRANSMITTED BY THE RADIOSONDE THAT IS TAKEN UP BY A METEOROLOGICAL BALLON. ALSO USED FOR TRACKING WIND DIRECTION. WITH TUBES 5794 AND 5875. BATT. VOLTAGE REQ. 1.5, 6 & 11.5 VDC. WT: LESS BATT. 1 1/2 LBS. (613 GRAMS.)



PRICES: MODULATOR ONLY LESS HUMIDITY AND SENSITIVE ELEMENTS \$3 TRANSMITTER ONLY \$4.95



RT-380/AR RECEIVER-TRANSMITTER 2 TO 18.5 MC C.W. PHONE, 100 WATT TRANS. AM CRYSTAL CONTROL ON 10 PRE SELECTED FREQ. RECEIVER 50 MW MIN. INTO 600 OHM LOAD. WITH TUBES 1/813, 2/811, 1/1625, 1/6AG7, 1/6V6, 1/12BE6, 2/12AU7, 2/12AL5, 2/28D7 & 4/6BA6. POWER REQUIRED 400 VDC @ 750 MA. 750 VDC @ 350 MA. AND 27 VDC FOR RELAY AC FOR FILAMENTS. (SAME VOLTAGES AS ART-13) (SIMILAR TO COLLINS 18S4) SIZE: 15 1/2x7 1/2x23 1/2; WT: 70 LBS. LESS CRYSTALS PRICE: USED LESS DYNAMOTOR \$49.50



R-666/ARN-32 RECEIVER 75 MC CRYSTAL CONTROLLED FIXED FREQUENCY, USED TO ACTUATE RELAY THAT IN TURN CAN BE USED TO PERFORM A SPECIFIC FUNCTION FROM A REMOTE POINT BY RADIO. ALSO HAS AUDIO OUTPUT. COMES WITH TUBES 4/5908, 4/5907 AND 1/5903. POWER REQ. 27.5 VDC .6 A. SIZE: 2 1/2x5x8; WT: 2 LBS. PRICE: USED \$9.95



KB9-A 16 MM MOVIE CAMERA USED TO RECORD STRIKES BY THE MILITARY. HAS 35 MM, F3.5 KODAK EKTAR LENS; VARIABLE APERTURE FROM F3.5 TO F16. FILM SPEED: 32 FRAMES PER SECOND. FILM CAPACITY: 35 FT 16 MM FILM. CAN BE ACUTATED BY REMOTE CONTROL. POWER REQUIRED: 27 VDC FOR DRIVE MOTOR AND HEATER. RED AND YELLOW FILTERS INCLD. SIZE: 7x2 1/2x2 1/2 SHPG. WT: 5 LBS. PRICE: NEW \$34.95

R-196C/ARN-26Y REMOTE CONTROL RECEIVER, MAY BE TUNED TO ANY FREQUENCY BETWEEN 60 AND 74 MHZ. APPEARS FREQ. CAN BE CHANGED SO THAT THE UNIT MAY BE ADAPTED FOR REMOTE RADIO SIGNAL ACTUATION AS POSSIBLY GARAGE DOOR OPENER, SECURITY SYSTEM ACTUATOR, ETC. ACCEPTS A SIGNAL MODULATED AT 300, 650, 955, 1390 AND 3000 HZ. AUDIO TONE OPERATES A SEPARATE RELAY FOR EACH FREQUENCY. THE 955 HZ RELAY ACTIVATED WHEN THE OTHER RELAYS ARE NOT. THE UNIT PERFORMS MOST EFFECTIVELY FROM VISUAL DIRECTION. RECEIVER CONTAINS AN RF AMP, DETECTOR STAGE AND FIVE AUDIO FILTERS. WITH SIX 12AU7 TUBES. 7 1/2x8 1/2x5 1/2; WT: 8 LBS. USED \$9.95

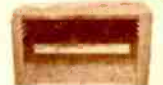


CASES & CABINETS

TA-228/TCC-7 TRANSIT CASE; ALUMINUM WITH HASP FASTNERS AND RETRACTABLE HANDLES. INTERIOR SIZE: 10 1/2x18 1/2x15D. WT: 18 LBS. PRICE: \$10.00



CY-1338/TRC TRANSIT CASE SAME STYLE AS ABOVE, 18 1/2x17 1/2x20 1/2, 29 LBS. \$16.00



CABINETS

STK.NO.	H X W X D	PANEL	DOOR	LBS.	COND.	PRICE
1015/39	10 1/2x22x15	9 1/2"	TOP	25	USED	\$8.95
1313/60	13 x19x13	12"	"	30	"	\$10.00
CY-1693	16 1/2x22x14	14"	NO	35	NEW	\$20.00

MS-5373, REAR ENTRY STYLE; HOLDS 8x19 RACK. OVERALL SIZE: 9 1/2x19 1/2x19 1/2; SHPG. WT: 25 LBS. UNUSED, \$15.95



CAB-SG-299, 13 1/2"Hx9 1/2"Wx12 1/2"D panel; Closed rear w/cutouts for power cable and ventilation. Use vertically or horizontally. Unused, \$8. MS-733 cabinet; takes 9x10 1/2x7 1/2 panel. O/A 10 1/2x12 1/2x8; 15 lbs. \$8.95

GE-19-84 EQUIPMENT RACK, o/a 22"Wx84"Hx22"D; for panel 19x80x20. Front & rear doors. Set of two rack braces only. 200 lbs sh. \$85.00

FIBREGLASS CASE with hasp fasteners (not hinged). O/A 14 1/2x14 x9 1/2; usable 12x12x6 without removing spacers. 10 lbs. Used.



TS-382 TRANSIT CASE, o/a 15x19x15 1/2. Usable space without removal of spacers: 10x18 1/2x12 1/2. Not hinged; hasp fasteners. Aluminum, 35 lbs. Used, \$10.



CY-1097 PARTS CASE, o/a 14 1/2x14 x9 1/2. Two 7 1/2x4 interior compartments; 6 1/2x7 1/2 has 1" cubed spacers. With miniature tube pin straighteners; hinged with hasp fasteners. 10 lbs. Unused, \$5.

#873/TS-349 HEAVY STEEL BOX with latch for padlock. 8x7x3. \$2.50 #113/TS-349, same as above, but 10 1/2x10 1/2x3; 6 lbs. Unused, \$3.50



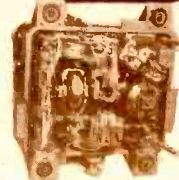
OTHER TRANSIT CASES AND CABINETS IN STOCK--WRITE

SPERRY BOMBSIGHT



SPERRY S-1 BOMBSIGHT, AN AIR-TO-GROUND MECHANICAL SIGHTING COMPUTER AS USED IN WWII AND LATER U.S. BOMBERS. UNIT IS AN EXCELLENT SOURCE FOR PRECISION GEARS, CAMS, AND SIMILAR CONTROL DEVICES. INCLUDES 28 VDC SPERRY GYROSCOPE; LENS/PRISM VIEWING SYSTEM WITH MIRROR LOCK AND POLAROID, CLEAR, BLUE, AND ORANGE FILTERS; AND TIMER WITH VERNIER MARKED "TIME OF FALL/SECONDS." ALSO CONTROLS FOR 0-80° SIGHTING ANGLE; 30° L-0-30° R DRIFT ANGLE; 0-400 TRAIL/MILS; AND BUBBLE LEVELER. SIZE: 21"Hx12"Wx18"D; SH WT: 100 LBS. IN TRANSIT CASE; 65 LBS. NET. \$100.

GYROS & SYNCHROS



TYPE A-4 COMPUTER GUN-BOMB-ROCKET SIGHT, WITH TWO GYROSCOPES—ONE HORIZONTAL AND THE OTHER VERTICAL. SYNCHROS 15DL1 AND 18DF1 SIGNAL ATTITUDE CHANGE OF THE GYROS. MONITOR INPUTS FOR PITOT AND STATIC WITH MANUAL ADJUST OF THE TRANSDUCER. WITH VARIOUS RELAYS, GEARS, AND OTHER PARTS FOR THE EXPERIMENTER. SIZE: 10 1/2x11 1/2x8; SHPG. WT: 25 LBS. \$22.95

SILICON DIODES



SILICON DIODES; MOUNTED ON HEAT SINKS WITH MOUNTINGS. REMOVED FROM EQUIPMENT AND GUARANTEED TO BE OPERABLE. SILICON FULL BRIDGE, APPROX 100V. 5 A. S/T#35578-2 \$1.20CR W/4/IN3208, 4/IN3208R, 2/TIERED MTG 4x4x2.75 3CI2R W/4/IN3208, 4/IN3208R, 2/IN3209, 2/IN3209R, 3-TIERED MTG 4x4x4.25 ICIT 2N1557, 90 WATT, 40 V 15 AMP ON 3x4 1/2" HIGH COOLING HEAT SINK \$1.50

BAJ8-79, 2/2N686 (25 A. 250 PRV), 4x6x1, \$2.50

DI190 4/IN3208, 1/IN3208R, 1/3209, 1/IN3212, PLUS 10/RES, 4/CAP, 2/POT \$3

O-SCOPE VIEWING HOOD; FITS OS-CILLOSCOPE WITH 3" CRT. 1 1/2" LONG; BLACK RUBBER. MX-40A/APS-4, UNUSED, \$3.

COPY LENS W/8" FOCAL LENGTH, F5.6 APERTURE. COATED LENS HAS 4 ELEMENTS MAGNIFIES APPROX. 3X. SIZE 2-1/8x2 1/2; WT. 12 OZ. EDNALITE # 245 NEW \$3.95

TRAVELING WAVE TUBE



EMI 7640 TWT, similar to Hughes 513H; 2.0-4.0 Ghz, 1 KW output, 30 db. 16x3x3 1/2; 20 lbs. sh. Sold as an experimenter's item only; not guaranteed. \$17.50

ITT D-2013 CW TWT, 5 watts 33 db gain, 8.0-9.6 Ghz; 6.3 v. heater. 12x1 1/2" dia. 3 lbs. sh. Unused, \$45.00

RCA 4012/A1157 TWT, 2.0-4.0 Ghz, 36 db min., 20 MW min. 15x1 1/2 x 3 1/2 x 1 1/2" w. 4 lbs. sh. Unused, \$40.00

VARIABLE CAPACITORS, removed f/ T-195/GRC transmitter #C-221/T-195, 13.5-77.8 pf one section; 17-99.6 pf the other. 0.094" air gap. 1 1/2 x 1 1/2" dia. shaft. 5 1/2 x 1 1/2 x 3 1/2 overall, 2 lbs. sn. \$3.95 #C-222/T-195 (pio), 25-485 pf one sec.; 23-437 pf the other. 0.03" air gap. With gears 1 1/2" dia. and 5/8" dia 4 1/2 x 3 1/2 overall. \$4.95

BC-624/522 RECEIVER, 3 GANG 6-36 MMF EACH SECTION WITH SLUG TUNED TRIM. SHAFT 5/16 STK#309036V SIZE: 4 1/2 x 2 1/2 x 3 1/2; 1 LB. \$1.50

TCS VARIABLE CAPACITOR, 2 SEC. 10-360 MMF, ONE SEC 10-360 MMF, 3 BAND CALIBRATED DIAL 4" 1.5 TO 12 MHZ SIZE: 7x3 1/2 x 3 1/2; WT: 10 LBS. #881 \$3.95 USED

TRANS. CAPS.

5910-193-8025 3 GANG 8-50 MMF 2000 VDC, ROTOR SECTION INSULATED FROM EACH OTHER. SIZE 3 1/2 x 2 1/2 x 6 1/2; 2 LBS. \$6.95

RBF-3-14A162 1 GANG 10-135 MMF, 2000 VDC 3 1/2 x 2 1/2 x 2 \$2.95

DIFFERENTIAL VAR. CAP., 7-75 PF EACH SIDE, .03" AIR GAP; 1x1 1/2 x 1 1/2 x 5/8 x 1/2" DIA. SHFT. #3D9075V-37, \$1.95

VARIABLE AIR CAPACITOR 2.8 TO 8.5 MMF 5 PLATES P/O BC-640 TRANS. #A105262 3D9002VE8 \$.79

FREQUENCY METER VARIABLE CAPACITOR W/VERNIER TUNING 11.5-160MMF. 3x3x5; 2LBS. #BC-221 OR EQUAL NEW \$8

VARIABLE CAPACITOR 15-420 pf single section. 0.03" air gap. Shaft: 3/8" dia. threaded first 3/8"; 1/2" dia. next 3/8". Overall: 1-3/8x1-3/8 x 1 1/2. #167-0459, \$4.95

#48B083C; 10-106 PF, .02" AIR GAP; 1 1/2 x 1 1/2 x 1 1/2" DIA. UNUSED, \$1.50 #667-7431; 10-140 PF; 1 1/2 x 1-1/8x3 1/2, 1 1/2" DIA. SHFT. MILLEN 21140, UNUSEO, \$2.95

BC-624 RECEIVER R.F. TUNER ASSY 100 - 156 MHZ A.M. W/VARIABLE CAP., COILS, TUBE SOCKETS, OSC. SEC. P/O SCR-522 5x5x5; WT: 7LBS 22K11150 USED \$3.95/N \$5.95

RF-OSCILLATOR TUNING CAPACITOR F/ MARK II RECEIVER; 4-GANG, 0-530 PF/GANG. 3x1 1/2 x 6. 5/8x5/8" DIA. SHAFT. #76330-C, USED, \$4.95

TANK TUNING CAPACITOR FROM MARK II; 1-GANG, 0-563 PF. 0.03" AIR GAP; 3 1/2 x 2 1/2 x 1 1/2 DIA SHAFT. #76348-C, \$2.95

TUNING CAPACITOR F/RT-176/PRC-10, 38 TO 54.9 MHZ; 5-GANG, 5-33 PF/GANG. WITH 1 1/2" AND 5/8" DIA. GEARS; 3/16" DIA SHFT. 1 1/2 x 1-5/8 x 4, USED, \$4.95

READ-OUT ASSEMBLY MOUNTED ON STRIP CONNECTED TO A TWO CONTACT WAFER SW WITH 175 VOLT 60 CYCLE USE. STRIP SIZE 1x7, SWITCH SIZE 2 1/2" DIA. WT: 6 OZ. #LANS SW-249 RE-MOVED FROM EQUIP. \$1.50 EA. 4 FOR \$5.

TRANS. CAPS.

DUAL 4-30 MMF 1000 VDC 1 1/2 x 3, SHAFT 1 1/2 x 1/2 P/O BC-640 CARDWELL 430/1M REM \$2.95

DUAL 5-25 MMF 2000 VDC 1 1/2 x 4 1/2 SHAFT 1 1/2 x 1/2 P/O BC-640 CARDWELL 525/2M REM \$3.95

DUAL 4-20 MMF 2000 VDC 1 1/2 x 3 SHAFT 1 1/2 x 1/2 P/O BC-640 CARDWELL 420/2M REM \$3.95

DUAL 4-50 MMF 1000 VDC 1 1/2 x 3 SHAFT 1 1/2 x 1/2 P/O BC640 CARDWELL 450/1M REM \$2.95

SINGLE 10-106 MMF 1500 VDC 2x2x2 1/2 SHAFT 1 1/2 x 1/2 P/O BC640 JOHNSON 155-4-4 REM \$2.95

SINGLE 8-54 MMF 1500 VDC 2x2x2 SHAFT 1 1/2 x 1/2 P/O BC-640 JOHNSON 155-2-2 REM \$2.95

SINGLE 10-24 PF .04" AIR GAP; 1-5/8x1 1/2 x 2, 1 1/2" DIA. SHFT. #KS-8923, \$1.50

DUAL 6-22 MMF 1500 VDC 1x1 1/2 x 2 1/2 SHAFT 3/16 x 1/2 TELERADIO 622/15M NEW \$1.95

VARIABLE CAPACITORS removed f/unused TU-10 tuning units. 0.09" air gaps. #T-7660443-4, 19-116 pf, 3/8x1 1/2" dia. shaft. 0/A: 1 1/2 x 3 1/2 x 2, 2 lbs. \$3.95 #P-7761569, 14-62 pf, 1 1/2 x 1 1/2" dia. shaft. 2 1/2 x 2 1/2 x 1 1/2, \$3.95 #T-7660443-8, 8-26 pf, 5/8 x 1 1/2" dia. shaft. Overall: 1 1/2 x 2 1/2 x 3, 2 lbs. \$3.95

COMMAND TUNING F/TRANSMITTER 35-150 MMF 2000 VDC W/GEARTRAIN 4x2 1/2 x 3, 1 LB. 2C6397/C8 \$1.95

PRE-SELECTOR UNIT ASST PART OF R-48 REC. 230-250 MHZ. CONSISTS OFRF, MIXER & OSCIL. USING 6AG5-2 EA. 9002-1 EA. TUBES (LESS TUBES.) FOR USE WITH 30 MC 1.F. SIZE: 6x5 1/2 x 4; 5 LBS. USED \$5

GR PRECISION VARIABLE CAPACITOR 30-220 MMF, 1000 VDC, SHAF 5/16" DIA. IN ALUM. CASTING 4 1/2 x 5 1/2 x 6. 6 LBS. 4 HOLE MTG. 5910-667-6732 \$6.95

TU-53 OSCILLATOR PLUG-IN ASSY. FOR BC-610 TRANSMITTER

FREQ. RANGE 8-12 MHZ. CONTAINS VAR. CAPACITORS WITH SHAFTS 140 MMFD, 190 MMFD. 2/CERAMIC CAP. 1/MICA CAP. 4/R.F. COILS, 2/RES. 1/DPDT SW. 1/DIAL, 2/KNOBS, CRYSTAL SOCKET, AND OTHER PARTS. SIZE: 2x8 1/2 x 4 1/2; 4 LBS. \$3.95

AUDIO OSCILLATOR BASIC ASSEMBLY; CONTAINS 24 12 MMFD CERAMIC TRIMMERS, 21 TEMP COMP. CAPACITORS & RESISTORS. WHEN USED WITH 2/6SJ7 TUBES & ASSOCIATED PARTS IT WILL PRODUCE A FREQ OF 425-2295 HZ IN 12 STEPS OF 170 HZ EA. # DIV. REC-26 SIZE: 5 1/2 x 5 1/2 x 4 1/2; 5 LBS. \$4.95

RECEIVING TYPE CAPACITORS FOR AM-FM-AUDIO-OSCILLATOR USE WITH SHAFTS.

#48842 DUAL 12-90 MMF & 15-140 MMF SIZE 1x1 1/2 x 1 1/2 \$1.00

#66972 DUAL 9-50 MMF & 1-100 MMF, SIZE 1x1 1/2 x 1 1/2 \$1.00

#330V020-H02 DUAL 10-90 & 14-140 MMF 1 1/2 x 1 1/2 x 1 1/2 \$1.25

#CHC481060; 8-20 PF, 1 1/2 x 1 1/2 x 1 1/2" D. SHFT. \$1.25

#330V030H02 DUAL 10-100 & 12-250 MMF, 1 1/2 x 1 1/2 x 1 1/2 \$1.50

#330V010H04 DUAL 10-100 & 12-365 MMF, 1 1/2 x 1 1/2 x 1 1/2 \$1.95

#KS21146L1, 3-GANG, 7-60 PF/SEC. 0.03" GAP. 0/A 5 1/2 x 1 1/2 x 1 1/2, \$3.95

#NL981337-2; 35-180 PF; 3x 1 1/2 x 1 1/2 x 1 1/2" D. SHFT. \$2.95

3D9200V-19 4 GANG, 14-200 MMF 3 1/2 x 1 1/2 x 4 1/2 \$4.50

#C-111/ARN-6, 5-GANG, 13-402 PF/SEC. 9 1/2 x 3 1/2 x 1 1/2 \$5.95

AIR PADDER CAP

ALL PADDER CAPS. REQUIRE SCREW-DRIVER ADJUST.

351-1054 2-8 PF 49¢ D3535 2-20 PF 49¢

CTN48785 5-17 PF 49¢ K336534 10-49 PF 49¢ SBL72265-2 8-32 PF 49¢ CTN481426 22-104 PF 79¢ 406409 8-118 PF 79¢

JOHNSON #189-6-6; 1.8-13 PF 650 v. 7/16x7/16x9/16, 89¢

JOHNSON #T2-16; 1.9-15.7 PF 325 v. 9/16x5/16 DIA., 89¢

#3D9006V-7 DIFFERENTIAL; 3-6 PF, .045" GAP; 1 1/2 x 1 1/2 x 1 1/2" D. SHAFT. NEW, \$1.95

HV VARIABLE CAPACITOR, 55-420 pf single section. 0.22" air gap. 1 1/2 x 3 1/2 x 6 plus 2 1/2 x 3/8" dia. shaft. #7765118, excellent, \$23.

COMMAND RECEIVER VARIABLE CAPACITORS, 3-GANG, TRIMMERS & GEARS. 2 1/2 x 3 x 4 1/2; 3 LB. #4601, 147 PF, 3-6 MHZ, \$4. #6558, 62 PF, 6-9 MHZ, \$4.

PRESSURE TRANSDUCER TYPE M-1 TOSS BOMB COMPUTER ELECTRIC TYPE DUAL DIAPH. HIGH LOW CONN. PITOT & STATIC LINES. SIZE 6x3x4; WT: 3 LBS. 3TK#1280-568-6013 \$3.95

MAGNETIC FOCUSING YOKE WITH 2 MAG NETS MOUNTED IN RING RING SIZE 2-1/8" DIA. 5/8" W. 1" HOLE, MAG-NETS 5/8" x 1/2 x 9/16 WT: 7 OZ. # MAGNET CIR-7 PRICE: 35¢ 3 FOR \$1.00

T.V. TUNERS

UNITS HAVE NOT BEEN USED & ARE NOT GUARANTEED.

VHF CHANNELS 2-13 FREQUENCY 54-216 MC OUTPUT 41 MC URC#27160 WITH TUBES 1/6ES8 & 1/6CG8. SIZE 4 1/2 x 3 1/2 x 4; \$4.95

URC#63K10-03 WITH TUBES 1/6KZ8 & 1/3GK5 SIZE: 2x2 1/2 x 3 1/2. \$5.95

UHF CHANNELS 14-83 FREQUENCY 470-890 MC OUTPUT 41 MC URC#34834 WITH 1/20Z4 TUBE OR EQUIVALENT. SIZE: 3 1/2 x 3 1/2 x 2. \$4.95

URC#86712 TRANSISTORIZED SIZE: 1 1/2 x 2 x 3 \$3.95

AM & FM TUNERS

AM FREQUENCY 550 - 1600 KC FM FREQUENCY 88 - 108 MC UNITS HAVE NOT BEEN USED

F.M. TUNER WITH 1/120T8 TUBE & DIAL. SIZE 3x2x2 URC#462 \$3.95 A.M. & F.M. TUNER SAME AS ABOVE URC#2H02 \$4.95

A.M. & F.M. TUNER WITH 1/120T8 TUBE NO DIAL 3x2x1 URC#7H02 \$3.95

F.M. TUNER WITH 1/6AQ8 TUBE, NO DIAL, 3x2x1 URC#4H02 \$2.95

SPIRAL INDUCTO TUNER 60-90MHZ W/50PF PARALLEL 3 SEC. SILVER PL. 4 1/2 TURNS. 3 1/2 x 1 1/2 x 2 #37695 RE-MOVED \$5.95

LC-902 ANTENNA INPUT TANK FOR TN-2A/APR-1 TUNING UNIT, FREQ. 76 TO 300 MHZ. WITH VARIABLE CAPACITOR, COIL, AND 955 TUBE SOCKET. SIZE: 4 1/2 x 3 WT: 4 LBS. UNUSED \$9.95

LC-702 ANTENNA MIXER TANK FOR TN-3A/APR-1 TUNING UNIT FREQ. 300 TO 1000 MHZ. WITH VARIABLE CAPACITOR AND COIL SIZE: 2 1/2 x 3 1/2 WT: 3 LBS. PRICE: UNUSED \$6.95

LC-701 OSCILLATOR TANK FOR TN-3A. WITH VARIABLE CAPACITOR AND COIL. SIZE: 4 1/2 x 4 WT: 4 LBS. UNUSED \$8.95

MALLORY SPIRAL INDUCTOR, THREE-GANG TUNER .04 TO .70 UHY (APPROX.) PER SECTION. 19 TO 75 MHZ RANGE WHEN PLACED IN PARALLEL TO 100 MMF. PROVIDES ACCURATE, NOISE-FREE OPERATION AND ELIMINATES USE OF SWITCHING COILS, BAND SWITCHES, ETC. SIZE: 5x2x2; SHAFT: 3/8" x 1 1/2" DIA. #B-10-77, \$8.95

FIRE DETECTOR PHOTOELECTRIC RESISTANCE TYPE 1.5 MEG. MAX DECREASES WITH INTENSITY OF LIGHT. #6340-651-6213 SIZE 1 1/2 x 3 \$2.95

INSULATORS



STAND-OFF, CROWS FOOT, 7" Hx1 1/2" D. CAST BASE, 2 1/2" CTRS. TOP CAST W/3/16"-20 SCREW #5970-405-8992 \$4.00 SIMILAR, ABOVE 3" 3.00 " " 10" 7.00

FEED-THRU INSULATOR (FIG 2) 1/2" HOLE 7/8" DIA. W/NECK 3" LONG 30¢ 5" LONG 40¢ 6" LONG 50¢ 8" LONG 60¢ STOCK NO. 1014-(LENGTH) SAME AS ABOVE OVAL TWIN-LEAD INSTEAD OF HOLE#1014X 3"-30¢/4"-35¢/8"-60¢(OVAL)

CONE 1" BASE 1-1/8" H. 3/16" 10-24 THREAD. #CSJ-61028 35¢ EA. 4 FOR \$1.05

STK.#INS.#1015; FEED-THRU BRASS BOLT 6" LONG X 1/2" W/NUTS, SPLIT INSULATOR FOR 3/4" THICK MOUNTING WITH CORK WASHERS, OVERALL LGTH 3 1/2", WT: 2LB. \$2.50

STK.#36584 IN-84 FEED-THRU CONICAL SHAPE, 5" LG. O/A; 2 CONICAL SHAPED 1-1/8 LG. 1 1/2" DIA. AT BOTTOM, 1" AT TOP, 1/4" DIA. ROD WITH 1/4 20 THREAD WITH NUTS/WASHERS 1LB. 25¢ EA. 5 FOR \$1.00

GLASS-BONDED MICALEX STRIPS 10" Lx1" Wx5/8" Th. Five holes .2" dia. #3G110-160, \$1.50

GE #K7102768P1, same as above, 7-3/8" Lx3 3/8" Wx3/8" Th. Ten holes, \$3.00 ea.



INSULATOR ENTERING TYPE, CERAMIC BOWL 2 1/2x2, PLATED MTG. RING 3 1/2x6 MTG. HOLES, 4"

INSULATOR ENTERING CERAMIC BOWL 4-3/8 STK#CBJ61023 H, 7" DIA. 59¢ 2 FOR \$1.00

BASE MTG. 8 1/2" DIA. 2 RINGS 1-3/32 THICK, OTHER 3/16" W/6, 3/8" NUTS, 2 1/2" BOLTS, BLLL CAP 6" DIA. W/1 1/2" 3/8" ROD THRU CENTER W/NUT #3G1830-67076/77 \$5.00 EA.

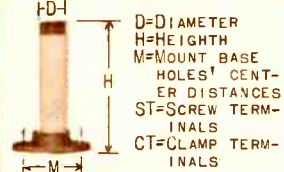
STAND-OFF INSULATOR H-1 1/2, B-1 1/2, A-3, 1/4" BOLT REQ. 1 1/2" MTG HOLE PP-1048 NO HARDWARE 3 FOR \$1.00

ART-13 TRANSMITTER ANTENNA INSULATOR PANEL; WITH 3 1/2x4 OBLONG INSULATOR WITH TWO SPRING-TYPE BINDING POSTS. ALSO A 2x1 AND A 1 1/2x2 CONICAL INSULATORS WITH PUSH-TYPE BINDING POSTS. WT: 1 LB. COMPLETE ASSY. USED \$1.00

VACUUM CAPACITOR 3 MMFD 15 KVDC ±10%; WITH CONNECTORS. SIZE: 5/8"x4", 8 OZ. JENNINGS TYPE Y-3 \$1.50

STAND-OFF'S

STAND-OFF INSULATORS, CROWS FEET TYPE. BRASS AND PLATED BRASS BASES AND TERMINALS.



#B-H3-D1.25-ST3, BROWN CERAMIC; M=2.25". TERM. CAP SIZE: 7/8x1-5/8" DIA. SHPG. WT: 2 LBS. \$2.75

#B-H4-D1.25-ST2, WHITE; M=2.25". TERM. CAP: 1x1-5/8" DIA. 3 LBS. \$3.25

#XW-H5-D1-ST, WHITE; M=2.25" TERM. CAP: 1 1/2x1 1/2" DIA. 3 LBS. \$3.75

#W-H5-D1.25-ST, WHITE; M=2.625". TERM. CAP: 3/8x1 1/2" DIA. 3 LBS. \$3.75

#B-H5-D1.25-CT, WHITE; M=2.25". TERM. CAP: 1x1-5/8" DIA. 3 LBS. \$4.00

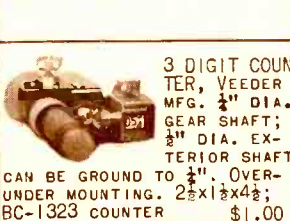
#BL-H6-D1.25-ST2, BLACK PAINT ON BRASS; M=2.625" TERM. CAP: 1 1/2x1 1/2" DIA. SHPG. WT: 4 LBS. \$4.25

#W-H6-D1.75-NTTH, WHITE; M=3.75". NO TERM. CAP; THREADED. 5 LBS. \$4.50

#B-H7-D1.25-ST, BROWN; M=2.25". TERM. CAP: 5/8x1-5/8 SHPG. WT: 3 LBS. \$4.75

#W-H8-D1.75-NTTH, WHITE; M=3.75". NO TERM. CAP; THREADED. 6 LBS. \$5.25

PORCELAIN STAND-OFF INSULATORS, SCREW THREADED. #P-4H-.75D, 8-24 THRD, \$.50 #P-5H-.75D, 8-24 THRD, .65 #P-6.75H-10, 10-24 THR, .85



3 DIGIT COUNTER, VEEDER MFG. 1/2" DIA. GEAR SHAFT; 3/4" DIA. EXTERIOR SHAFT CAN BE GROUND TO 1/2". OVER-UNDER MOUNTING. 2 1/2x1 1/2x4 1/2; BC-1323 COUNTER \$1.00

TELEPHONE JACK STRIPS #4C4322-25 TEN JACKS 3 CONDUCTOR, CONTACT ARRANGEMENT J-2-1A; \$1.95

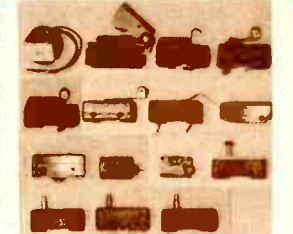
#4C4436-92-2 TWENTY JACKS 3 CONDUCTOR, CONTACT ARRANGEMENT J2, NUMBERED 20-39. KENLOG #369 \$2.50

#4C4692-2 TEN JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J2 VECON #92 TYPE139 \$1.95

SELECTOR SWITCH 15 BUTTON, MAKE ONE BREAK ONE, RELAY RELEASES ALL BUTTONS WHEN ACTIVATED, 115 VAC OR 24VDC SIZE: 12 1/2x7 1/2x2; WT: 7 LBS. URC#1524115 NEW \$3.95

SIX PUSH BUTTON SWITCH, MAKE & BREAK EA. SIDE, EA. SW. AUTO-RELEASE. SIZE 4 1/2x3 1/4 W/TERM. BD. #6105-901-6365 \$3.95

MICRO SWITCHES



SPST, R-RL2, NORMALLY CLOSED ROLLER LEVER ASSEMBLY, 15 A 125/250V. 2x 1/2x5/8 \$.50

SPDT; 3Z-3R244T4; ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER; 2x1x 1/2 .30

SPST; WHBT349A-1, NORMALLY OPEN. LEVER PLUNGER. 2"x1" x5/8". .30

SPDT; BZ-2R; ONE SIDE NORMALLY, OTHER CLOSED; PUSH PLUNGER ASSY. W/MOUNT. 2x1x 1/2 .50

HR07-IP SPST NORMALLY OPEN, 115 V 10 A. 3/8" PLUNGER. \$.75

DPDT; MS25008, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. EXTENDED BUTTON PLUNGER. 2 1/2"x2"x1" \$1.50

DXGB-5 SP NORMALLY OPEN, MOUNTED IN HEAVY FRAME. 1/2" PLUNGER. 2 1/2x2 1/2x2 1/2 \$1.00

SPDT; WHBT349B-1; ONE SIDE NORM. OPEN, OTHER CLOSED. LEVER PLUNGER 2x1x 1/2 .30

SPST; MU SWITCH TYPE D; SPLIT DIE CAST ENCLOSURE W/ 3/8" TAP CONDUIT HUB; 1 7/8" DIA 125/250V. PUSH PLUNGER; 2 1/2x2x1 .75

WZ2RW80-D5 SP NORMALLY CLOSED 3" LEVER. 2x3/4 SW. 60¢

SPST; 2MC3-1A, NORMALLY CLOSED. PIN PLUNGER. 1 5/8"x 1/2"x 1/2". .45

SPST; SW-186, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2"x 1/2"x5/8". .25

SPST; G-RS, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2"x 1/2"x5/8". .40

SPST; M07-102T, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2"x 1/2"x5/8". .40

SPST; WZ-RS9, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2"x 1/2"x5/8". .40

V3 MICRO-TYPE 10 A. 125/230 A.C. SIZE 9/16x1x3/8

V3-21 SPST NORMALLY CLOSED. V3-23 SPST " OPEN

V3-1 SPST 1/5 NC V3-21 & 23 35¢ V3-1 50¢

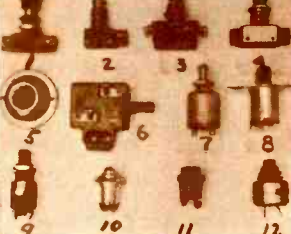
E4-78 MIMTURE ELECTRO SNAP 3/8x3/4x1/4 40¢

YZ-3RLTC SPST NO 15 A. AC. LEVER TYPE 1/2x2x5/8 40¢

SPECTROL MULTI-DIAL #25-1-13, 11 turns, 1099 digits. 13/16" dia. 1/2" dia. shaft. Used, \$5.

E-T-A CIRCUIT RESET push switches, type 45-700-P. Fits into 3/8" hole; requires 2" depth. O/A 1 1/2x2 1/2x 1/2; Used. 250 VAC 5 amp, \$2. " " 15 A, \$2.50

PUSH SWITCHES



FOUR SPST N.O. PUSH-BUTTONS ON 3"x3" CHROMIUM PLATE. TWO COMMONS; TWO BUTTONS PER COMMON. USED. #PSW4-2C, 85¢

SPST NORMALLY OPEN; 3A/250. PSW002 .35

DPST NORMALLY OPEN; 1A/250. PSW004 .35

MICRO-SW. SPDT, 1 1/2" RED BUTTON, 15 A.A.C MTG. HOLES 1 1/2" CENT. 2 1/2x1x1 #71BP2 \$2.00

JPST INTERLOCK, NORMALLY OPEN. (3Z9825/254) PSW006 .35

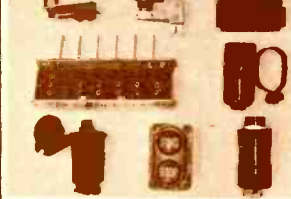
SPST PULL SWITCH, NORMALLY OPEN. PSW007 .35

SPST NORMALLY CLOSED; CASING AS GROUND; 3/8" SCREWS REQUIRED FOR MOUNT. PSW008 .35

SPST, NORMALLY OPEN PSW010 .35

SPST, PUSH-LEVER SWITCH, 115 VAC 20 AMP; SILVER CONTACTS. P/O 1-199 #1-199-S67 .65

SPST, NORM. OPEN, FITS 5/8" HOLE. J-3-PB .39



3PST PUSH SWITCH, MAKE 3/BREAK 3. 2 1/2x5/8x3 1/2" DEEP. #PSW-5376, .50

FIVE-PUSH SWITCH 2PST NORM. GL. 1PST NORM. OP. 1PDT. 5x3x1 #PSW5022 \$1.00

SIX-PUSH SWITCH; FIVE ARE SPST NORMALLY OPEN, THE OTHER DPST AND DPDT ON THE OPPOSITE SIDE. 4 1/2"x2 1/2". PSW017 \$1.00

SPST PUSH-LEVER SWITCH. 3 5/8"x 1 1/2"x 1 1/2". PSW022 .35

MOTOR STARTING SWITCH HEAVY DUTY F/STD. GEM BOX MTG. RED/BLK BUTTONS, 1 NO 1 NC. #5930-548-8953 \$1.50

DPST, MICRO SW. NORM. CLOSE PUSH PLUNGER W/SIDE MOUNT; 1 1/2x1x1 1/2 CR1070C103 .50

EIGHT PUSH SWITCHES DPST NORM. OPEN AUTO RELEASE. PUSH SW. RELEASES ALL SPST NO. CL. 5x2x1 1/2; #855-151 \$1

CHAFF DISPENSER CONTROL BOX AND 24 VDC 5 DIGIT DECLINING COUNTER 2 DIGITS AT A TIME ALSO 12 POSITION WAFER SWITCH. LESS DIAL LAMPS \$ TOGGLE SWITCH. 6x4x3; 2LBS. \$1.95

SWITCHES



AIRCRAFT TYPE SWITCH TWO HOLE MOUNTING FIG. #1

CIR CON RATING NO PR SPST NEW 5/125 B-15 .65 ABOVE MOMENTARY N/CLOSED SPDT REM 15/125 3022-7 .35 (ABOVE CENTER-OFF, MOM.) SPST NEW 15/125 B-1B .30

SPDT REM 5/125 B-7A .55 (CENTER OFF, MOM ONE SIDE)

TOGGLE SWITCHES SINGLE HOLE MOUNTINGS: CONDITION NEW & "REM" REMOVED FROM EQUIPMENT, ALL GUARANTEED.

CIR CON RATING NO PR SPST REM 8/125 BBI7K2 .35 (ABOVE SWITCH MOMENTARY) SPST REM 6/125 SW-105N .30

SPDT REM 8/125 ST-130 .25 ("ON" BOTH SIDES) DPST REM 3/125 7463954 .25 DPST REM 15/125 ST-50K .40 DPDT REM 3/125 SW3125 .30 DPDT REM 5/125 ST-22R .35 3PST NEW 15/125 SW3115 1.00 4PST REM 15/125 7661K5 1.00

SPDT REM 8/125 ST-130 .25 ("ON" BOTH SIDES) DPST REM 3/125 7463954 .25 DPST REM 15/125 ST-50K .40 DPDT REM 3/125 SW3125 .30 DPDT REM 5/125 ST-22R .35 3PST NEW 15/125 SW3115 1.00 4PST REM 15/125 7661K5 1.00

TEN PUSH SWITCH STRIP EACH D.P.D.T. INDIVIDUAL HOLD OR COLLECTIVE OR RELEASE. NEW 12x4x3/4; NO.4C5231 \$2.25

ROCKER SWITCHES 0319 SPST 39¢ 3 FOR \$1.00

0348 DPDT 59¢ 2 FOR \$1.00

0320 SPDT MOMENTARY BOTH SIDES. 65¢ EA. 2 FOR \$1.20

0347 DPDT MOMENTARY BOTH SIDES. 80¢ EA. 2 FOR \$1.50

PUSH BUTTON SELECTOR WHITE BUTTONS, 1 THRU 4 SEPARATE CONTACTS, 5, 6, 7 MAKE 2, 3, 4 RESPECTIVELY W/COMMON. RED BUTTON RELEASES ALL. RATED 120/240VAC 8; SIZE: 4 1/2x1 1/2x2 1/2; WT: 2 LBS. GE#ASP8128-417 UNUSED \$.75

LEVER SWITCHES 4PDT ONE SIDE 2PDT OTHER SIDE, BOTH SIDES MOM.# 1155 NEW \$1.00

5PDT EACH SIDE, CENTER OFF, 351-7491 NEW \$1

2PDT ONE SIDE, OTHER 2 MAKE, P/O EE-2, USED 50¢

8PDT & 4MAKE MOM, ONE SIDE OTHER SIDE ONE BREAK HOLD. CENTER OFF. SW-1323 USED 60¢

4PST EA. SIDE NORM. OPEN & HOLD, CTR. OFF. #3Z9818-9.1 \$1

2PDT ONE SIDE HOLD, 2PST NORM. CLOSED OTHER, CTR OFF 5930-252-8770 NEW \$1.00

PUSH TYPE 1P, NC/IP NO/ 2/ SPDT SINGLE HOLE MTG. WE#168173 UNUSED \$1.50

4PDT HOLD BOTH SIDES, CTR OFF, SINGLE HOLE OR 4SCREW MTG. SWITCHCRAFT 4PDT N \$2

2PST ONE SIDE ONLY HOLD, CTR OFF, ONE HOLE MTG. SWITCHCRAFT 513148 NEW \$1

MINIMUM ORDER \$5.00

PUSH-TO-TEST

PUSH TO TEST INDICATORS WITH MARKINGS ALSO HAVE CLEAR & AMBER LENSES

KORRY MFG., ALL UNUSED.
KORRY 260 Push-To-Test Indicators, Double Lampholder with Miniature Bayonet Bases. 1 1/2" x 2 1/2" x 2 1/2" D. NEW. CHOOSE FROM THESE LENS INSCRIPTIONS: POWER, AC POWER ON, PHASE B POWER, 28 VDC. OR 24 VOLTS DC. \$1 EA, 3/\$2

KORRY 260 INDICATORS WITH ROCKET LAUNCH-RELATED INSCRIPTIONS: LN, OVERFLOW; LN, LOWER LEVEL; LN, UPPER LEVEL; 100% LIG OXY; LIQ OXYGEN FINE; 1200 PSI AFT SPHERES; JET PRESSURE; 11°C THERMOSTATS; ERECTOR; IGNITOR; COOLANT VENT VALVE; HYDRAULIC ACTUATOR TEST POWER; LOX VENT VALVE; 750 PSI SUPPLY LOW; STBY HEATER COMMAND; 400 CPS DRIFT TIMER, 75¢ EA. OR 4 FOR \$2.00 ASSORTMENT OF ROCKET LAUNCH INDICATORS, NO CHOICE, 6/\$2

KORRY 136 PUSH-TO-TEST INDICATORS, SINGLE LAMPHOLDER WITH MINIATURE BAYONET BASE. 1 1/2" x 2 1/2" x 2 1/2" D. INSCRIPTIONS: STANDBY; POWER ON; OVERLOAD; LOW; MALF. 65¢ 2/\$1.

KORRY 103 INDICATOR, PUSH-ON RED PLASTIC CAP; PLASTIC BODY. 5/8" SINGLE HOLE MOUNT. #5167, 50¢ EA. 3/\$1.

KORRY 204, DOUBLE LAMPHOLDER WITH MINIATURE BAYONET BASES; 1 1/2" x 2 1/2" x 2 1/2" D. AMBER INSCRIBED: CHECK FULL RPM. UNUSED, 50¢ EA. 3 FOR \$1.

KORRY 261, DOUBLE LAMPHOLDER WITH MIN. BAY. BASES; 1-5/8" x 1 1/2" x 1 1/2" D. COVERS NOT AVAILABLE. 4/\$1.00

PUSH-TO-TEST INDICATOR w/ MINIATURE SCREW BASE. RED 7/16" DIA. JEWEL; MOUNTS IN 1/2" HOLE. 1-5/8" LONG. #VM-500-2, USED, 50¢ EACH.



BULLS EYE PILOT LIGHTS
DULL FINISHED BRASS, BAYONET BASE, AND 0" TO 1/2" SURFACE CLEARANCE. ALL USED. LESS BULBS. PRICE: \$.39 EA

B. PILO01. 7/16" CLEAR JEWEL. SINGLE CONTACT MINIATURE BASE. 2-1/8" x 7/8"
D. LH62BY2. 1/2" DIA. AMBER JEWEL. SINGLE CONTACT MINIATURE BASE. 2 1/2" x 1"
GRIMES INDICATOR LIGHT WITH ROUND LENS CAP; RED LENS, SUB-MIN. 28V. BULB INCLD. 7/16" THREADED BASE; SINGLE CONTACT. 1 1/2" x 1 1/2" #220-333-5827 \$.50



PILOT LIGHT JEWELS
RED, FACETED, 1/2" DIA. JEWEL. SCREWS INTO 11/16" DIA. HOLE OF DESIRED ASSEMBLY. TYPE 81 \$.15 EA.

SMOOTH RED JEWEL 1/2" IN DIAMETER. SCREWS INTO A 3/8" ASSEMBLY. SERIES F \$.15 EA

LARGE 5/8" FACETED AMBER JEWEL. SLIPS OVER BRACKET 7/8" IN DIAMETER. HAS ALSO MOUNTING HOLES FOR 3/32" SCREWS. 2Z5368/1 \$.15 EA

3/8" DIA. WHITE SLIP-IN LAMP CAPS FOR SWITCHBOARDS. (NOT PICTURED) SLIPS INTO 3/8" HOLE. 4C1971 \$.15 EA 100/\$10

SUB-MINIATURE PILOT ASSEMBLY. 5/16" AMBER FACETED JEWEL FIT INTO BRACKET WITH AN OPENING OF 5/16". REQUIRES DOUBLE TERMINAL PLUG-IN OR SOLDER-IN NEON LAMPS. 1" LONG AND 1" HIGH. PILO10 \$.15 EA 8/\$1.00



SUB-MINIATURE NEON PILOT LIGHT ASSEMBLY. FLUTED 5/16" DIA. CLEAR JEWEL. BASE IS FEMALE PART FOR A THREE PRONG PLUG WITH 1/16" DIA. HOLES IN ISOSCELES TRIANGLE PATTERN. MOUNTS IN 3/8" HOLE. 0" TO 3/8" SURFACE CLEARANCE. 1 3/8" LONG. INCLUDES BULB. USED. 110V. PILO07 \$.25 5/\$1.00

SINGLE TERMINAL AND CONTACT SUB-MINIATURE DIMMER PILOT LIGHT. MECHANICAL DIMMER VARIES SIZE TO COMPLETE DARKNESS. REQUIRES T-1 1/2 BULB. 5/16" DIA. SMOOTH RED JEWEL. MOUNTS IN 7/16" HOLE. 1 3/8" LONG. LESS BULB. NEW. PILO10-643-4087 \$.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. CLEAR STOPEPIL, SMOOTH 5/8" DIA. JEWEL. MOUNTS IN 11/16" HOLE. SURFACE CLEARANCE IS 0" TO 3/8" 2 1/8" LONG. LESS BULB. USED. PILO08 \$.39

ALL PLASTIC PILOT LIGHT. SINGLE CONTACT, MINIATURE SCREW TYPE BASE. RED FLUTED, COVER-LIKE JEWEL 1/2" IN DIAMETER. NEEDS 1/2" HOLE. SURFACE CLEARANCE OF 0" TO 3/8". THERE IS NO ADJUSTING INSTALLATION DEPTH BY A NUT TWO 3/32" SCREWS ARE NEEDED TO ANCHOR LIGHT. 1 1/2" LONG. LESS BULB. USED. PILO09 \$.39



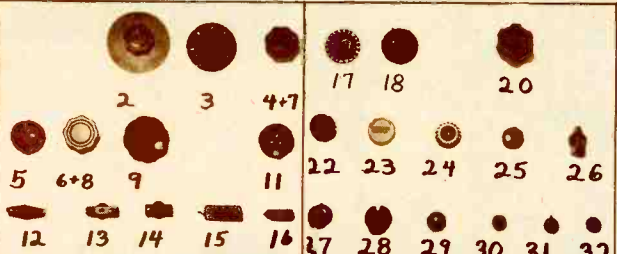
PILOT LIGHT WITH A SINGLE CONTACT, CANDELABRA SCREW BASE. LARGE 1" DIA. RED JEWEL FACETED ONLY AT THE EDGE. REQUIRES 1" HOLE AND HAS SURFACE CLEARANCE OF 0" TO 3/8". 2 3/8" LONG. LESS BULB. UNUSED. PILO02 \$.59

PILOT LIGHT WITH SINGLE CONTACT, CANDELABRA SCREW TYPE BASE. 1" DIA. RED-FACETED JEWEL. MOUNTS IN 1" HOLE WITH SURFACE CLEARANCE OF 0" TO 3/8". 2 1/2" LONG LESS BULB, UNUSED. PILO03 \$.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. 1/2" DIA. SMOOTH GREEN JEWEL. MOUNTS IN 5/8" HOLE WITH A SURFACE CLEARANCE OF 0" TO 1/4". 2 1/16" LONG. LESS BULB, UNUSED. PILO04 \$.49

LAMP HOLDERS FOR 327 LAMPS 3/8" HOLE MTG. FLAT TOP LENSE 3/8" DEEP, WHITE LENS NUMBERED 1 TO 9, YELLOW ("MAX"), RED, AMBER, AND GREEN. SPECIFY. #6210-617-0934, 39¢ EA. #327 LAMP FOR ABOVE, 39¢

NEON CYLINDRICAL TYPE LITE #3509 115V 100K 3/8x1 1/2" ELDEMA V W/RES. 3/8x1 1/2" #2685 28V .04A 1/4x7/8" OBLONG SLIP IN TYPE NEON 1/2x1-3/8" 125V. #3100 USED ALL ABOVE 3 FOR \$1.00



FLUTED KNOBS

ANTIQUE RADIO KNOB, 4" dia., black. 180 degree 0-100 scale Brass insert for 1/2" shaft. \$3.95
2-3/8" dia. fluted knob w/ 2-7/8" skirt. Brass insert for 1/2" shaft. #GR9566, \$1.

1" DIA. FLUTED KNOB WITH 2 1/2" NON-LINEAR CALIBRATED DIAL. BRASS INSERT WITH 1/2" DIA. HOLE. KNB003 \$.25

1-5/8" DIA. FLUTED KNOB W/ 2" SKIRT; FITS 1/2" SHAFT. URC# S-649, \$1.25 NEW

1 1/2" DIA. FLUTED KNOB WITH SKIRT AND POINTER. BRASS INSERT FOR 1/2" SHAFT. KNBN005 \$.25

1 1/2" FLUTED KNOB WITH BRASS INSERT FOR 1/2" SHAFT. KNBN006 \$.25

1" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR 1/2" SHAFT. KNBN007 \$.25

1" DIA. FLUTED KNOB WITH BRASS INSERT FOR 1/2" SHAFT. KNBN008 \$.25

ALL THE ABOVE KNOBS ARE OF SET SCREW TYPE.

SPIN KNOBS

2" DIA. METAL FLUTED SPIN KNOB FOR 5/32" SHAFT. KNBN009 \$.79
2 1/2" DIA. SPIN KNOB. METAL. TAKES 3/16" SHAFT. #8089 NEW \$2.00

MAKE ANY FLAT KNOB A SPIN 1 1/2" ADAPTER WITH 3 HOLES, TO FASTEN TO YOUR KNOB, WITH SPIN GRIPPER#Z5816-3 \$1.00

1-5/8" DIA. METAL SPIN KNOB F/3" SHAFT. URC#KN02, \$1.50
1 1/2" DIA. FLUTED KNOB W/ 1 1/2" SKIRT; BRASS INSERT FOR 3/8" SHAFT. URC#KN04, \$.50

1-5/8" DIA. FLUTED KNOB W/ 2" SKIRT; BRASS INSERT FOR 3/8" SHAFT. URC#KN03, \$.75
2-3/8" DIA. FLUTED KNOB W/ 3-8" POINTER; FITS 3/8" DIA SHAFT. #LUXITROL, \$1.50

1-5/8" DIA. PLASTIC KNOB WITH 2 1/2" DIA. ALUMINUM SKIRT, CALIBRATED 0 TO 10. BRASS INSERT FOR 1/2" SHAFT. #9414 NEW \$1.50

1-1/8" DIA. FLUTED PLASTIC KNOB WITH 1 1/2" DIA. SKIRT. BRASS INSERT FOR 1/2" SHAFT. #9347 NEW \$.50

1" DIA. PLASTIC KNOB WITH 1 1/2" DIA. SKIRT. CALIBRATED ALPHABETICALLY A, B, ... Y, Z. SKIRT ALUMINUM. 1/2" HOLE. #5312 NEW \$.50

BAR TYPE KNOBS

BAR TYPE BAKELITE KNOB FOR 1/2" SHAFT. 1 1/2" x 1 1/2" x 5/8". SET SCREW TYPE. KNBN012 \$.25

BAR TYPE BAKELITE KNOB FOR 1/2" SHAFT WHICH MUST BE TAPED FOR SET SCREW. 1 1/2" x 1 1/2" x 5/8". KNBN013 \$.25

RECTANGULAR BAR TYPE BAKELITE KNOB 1 1/2" x 1 1/2" x 5/8". WITH BRASS INSERT FOR 1/2" SHAFT. SET SCREW TYPE. KNBN014 \$.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR 1/2" SHAFT TAPED FOR SET SCREW. 2" x 1 1/2" x 1 1/2". KNBN015 2/\$.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR 1/8" SHAFT TAPED FOR SET SCREW. 1 1/2" x 5/8" x 1 1/2". KNBN016 \$.25

BAKELITE BAR TYPE KNOB 1" x 1 1/2" x 1 1/2" REMOVABLE DIAL FOR 1/2" SHAFT. SET SCREW. KNBN017 \$.25

1 1/2" DIA. METAL KNOB FOR 1/2" SHAFT WITH TWO SET SCREWS. FINGER GRIP KNOB FOR HEAVY SWITCHING APPLICATIONS. KNBN018 2/\$.35

HAMMARLUND DIAL #31227-3 2 1/2", 1-5/8" KNURLED KNOB WITH SKIRT DIAL MARKED 10-0 SILVER EDGED #E9821 \$1.50

1 1/2" BAKELITE KNOB FOR USE WITH 1/2" SHAFT. USED FOR APPLICATIONS WHERE EXTRA GRIP IS REQUIRED. 1 1/2" HIGH. KNBN020 \$.25 EA. 5/\$1.00

3/4" RIBBED KNOB 7/8" DEEP 1" SKIRT F/3/4" SHAFT DULL BLK. KNB7820 35¢

5/8" x 3/4" SAME AS ABOVE BRIGHT BLK. KNB1261 20¢

1" dia. x 1 1/16" high knob, Ribbed style; Insert recessed 1/8" from base for flush fit. KNE2279, 30¢ ea.
1 1/2" KNOB MARKED "INCREASED OUTPUT" 1/2" HOLE WITH SET SCREW. 1 1/2" THICK. METAL. KNBN023 \$.25

1 1/2" PUSH-ON KNOB FOR 1/2" SHAFT, w/ MODIFICATION, BROWN KNBN024 2/\$.25

BROWN BAKELITE 1" DIA. KNOB KNURLED SHAFT OF 1/2". 1 1/2" HIGH. KNBN025 2/\$.25
BAKELITE POINTER KNOB WITH BRASS INSERT FOR 1/2" SHAFT. 1 1/2" x 1 1/2" x 1 1/2". KNBN026 \$.25

MATCHED KNOBS, ROUNDED EDGE W/4 SETS OF 4 HASH RIDGES, LOOKS LIKE OLD HAMMARLUND. #E5168 2 1/2" \$3 #E5570 1 1/2" \$2
HALLICRAFTERS, WITH BIG 1 1/2" DIA. ARROW & GRIP BAR. H#81014 NEW \$1.00

MINIATURE LAMPS

STK#	TYPE	V.	A.	BASE	BULB	EA	PKG.	10
225950	LM-50	2	.25	MIN SC.	G-6	.20		.75
225950	511	2	.25	MIN SC.	G-6	.20		.75
68521	LM-21	110	400	MED S6C.	G-30	.50		4.00
6240-6594	LM-41	110	60	CAN SC.	#8	.20		1.50
626806.6	TS87	6-8/15CP		CAN/BAY	S-8CL	.35		3.00
225985.2	351	1.3	1	MIN BAY	G3 1/2	.15		1.00
8870-775		150		CAN SC.	6S6 CL	.20		1.00
225954	LM-54	105-125		LEADS	T-2	.20		.75
6240-7126		55	5W	MED SC.	S-14	.25		2.00
DE EVRY494 (RED)		125	25W	CAN SC.	T-6	.25		2.00
225949	LM-49	28	1.7	MIN BAY	T3 1/2	.25		2.25
6240-3394	3S6/5	115		DC BAY	T-4 1/2	.25		1.75
	502	5	.15	MIN SC.		.20		.75
GE-313	#313	28	.17	min bay	T-3 1/2	.35		2.50
PR-10 FLASHLIGHT	6	.5	5D	CELLS	1 1/2	.15		1.00
	480	22	.55	MIN SC.	G-6	.30		2.00
225882	LM-30	18	.11	MIN SC.	T-3 1/2	.20		1.00
626827	NE-2	1/17	AMP	2F SLIDE BASE		.10		.75
	4C5491-K1			K1 SLIDE BASE		.10		.75
NE-51 neon glow	115	1/2	min bay	T-3 1/2		.40		3.00
#47 BULBS	6.3 V	.15 A.	MIN. BAY.	T-3 1/2		.20		10/\$1.

SEALED BEAM
MARINE TYPE 600 WATT 28 VOLT GE Q600 PAR 56/1 SCREW TERMINALS PRICE: \$6.00 EA. WRITE FOR 100 LOT PRICE.

GRIMES LAMP ASSY. #4725-24 WITH 327 GRAIN/WHEAT BULB. 6220-333-5827 59¢ EA. 2 FOR \$1



FR-5 FREQUENCY METER



FR-5/URM-80 FREQUENCY METER, COVERS 10 TO 100 MHZ IN BANDS OF 10-21.7 MHZ, 21.7-46.7 MHZ, AND 46.7-100 MHZ. USES VARIABLE TUNED INTERPOLATION OSCILLATOR PLUS A FIXED HARMONIC OSCILLATOR TO DETERMINE AN UNKNOWN FREQUENCY. AUDIO OUTPUT: 1 MW INTO 600 OHMS. RF INPUT IMPEDANCE: 100 OHMS. POWER REQUIRED: 115/230 VAC 50-1000 HZ. SIZE: 12 $\frac{1}{2}$ x19 $\frac{1}{2}$ x15, SHPG. WT: 95 LBS. USED, REPARABLE, \$75.00; CHECKED, \$105.00 MANUAL F/FR-5, \$8.50

FR-4/URM-79 FREQUENCY METER, 100 KHZ TO 20 MHZ IN SEVEN BANDS. USES INTERPOLATION OSCILLATOR AND OSCILLOSCOPE (2BP1 CRT) TO HELP DETERMINE UNKNOWN FREQUENCY. POWER REQUIRED: 115/230 VAC 50-1000 HZ. SIZE: 15x19x18, SHPG. WT: 100 LBS. USED, REPARABLE, \$65.00

AUDIO OSCILLATOR

TS-382A AUDIO OSCILLATOR, 20 HZ TO 20 KHZ IN FOUR BANDS. OUTPUT: 0 TO 10 VOLTS ACROSS 1000 OHMS. WITH BUILT-IN 60 AND 400 HZ REED FREQUENCY METER. SIZE: 10x12 $\frac{1}{2}$ x18 $\frac{1}{2}$, SHPG. WT: 50 LBS. NET: 45 LBS. PRICE: USED, REPARABLE, \$49.50. CHECKED, \$65.



TS-382F AUDIO OSCILLATOR, MOST RECENT VERSION TS-382. USED, REPARABLE, \$60. CHECKED, \$75. TRANSIT CASE F/TS-382F, USED, \$10.00.

TS-117/GP WAVEMETER



TS-117/GP WAVEMETER TEST SET DESIGNED FOR FREQUENCY MEASUREMENTS BETWEEN 2400 AND 3400 MHZ. USED TO MEASURE MICROWAVE ANTENNA RADIATION, LOCAL OSCILLATOR FREQUENCIES, RELATIVE FIELD STRENGTH, AND RELATIVE OUTPUT. UNIT HAS A Q FROM 1800 TO 2000. INCLUDES 0-50 U-AMP CRYSTAL CURRENT METER, SENSITIVITY VERNIER, AND FREQUENCY MICROMETER WITH CONVERSION TABLE. WITH ACCESSORIES AS-23 DIRECTIVE ANTENNA, UG-183 CABLE, UG-57 AND UG-131 ADAPTERS AND TRANSIT CASE. USES TYPE N CONNECTORS. SIZE: 5x6x3, SHPG. WT: 15 LBS. USED, COMPLETE, \$34.95; LESS ACCESS., \$24.95

SG-92 SWEEP GENERATOR, 50KHZ-1000MHZ SWEEP RANGE 0-30MHZ MAX. SWEEP RATE 50-100 HZ CAN BE SYNCHRONIZED AT 60 HZ. SWEEP OUTPUT UP TO 20 V. RF OUTPUT IMPEDANCE 50 OHMS. RF OUTPUT HIGH 100MV, LOW 5 MV. USES MICROMETER TYPE FREQUENCY READOUT. TUBES 003, 6Y6, 5U4, 6AC7, 6SN7, 6SL7, 2D21, 6C4, 2/2K25. POWER REQUIRED 105-125V 50-60HZ. SIZE 19x9x17. SH WT 45 LB USED REPARABLE, GOOD 2K25'S \$60.00 OLDER STYLE OF ABOVE, 10x12x17. SH WT 40 LBS. USED REPARABLE, GOOD 2K25'S \$45.00

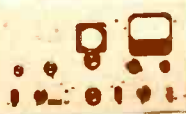


VOLTMETER-VLF RECEIVER



ME-71/FCC AUDIO LEVEL METER, COVERS 20 TO 500 KHZ CONTINUOUSLY TUNABLE. AS SELECTIVE DETECTOR, IT MEASURES RF CARRIER ACROSS A 135 OHM BALANCED OR 600 OHM UNBALANCED LINE. VARIABLE ATTENUATOR PROVIDES INPUT SENSITIVITIES FROM -70 TO -42 DBM INDICATED ON 3 $\frac{1}{2}$ " DIA. METER. INCLUDES 100 KHZ CALIBRATOR. INPUT IMPEDANCE: 10K OHMS. AUDIO GAIN AND TWO PHONE JACKS. VARIOUS MODELS ("C" PICTURED). POWER REQUIRED: 115 VAC 60 HZ. 17x14x9; 40 LBS SH. ME-71, W/NATIONAL-TYPE DIAL, USED, \$40.00 ME-71B, USED, REPARABLE, \$45. ME-71C, \$50. OPERATIONAL, ADD \$30. MANUAL, REPRO, \$8.50

DISTORTION ANALYZER



HEWLETT-PACKARD DISTORTION ANALYZER MODEL 330BR. WILL GIVE QUICK ACCURATE MEASUREMENTS OF DISTORTION AS LOW AS 0.1% AT ANY FREQ FROM 20 CPS TO 20,000 CPS IT WILL MAKE NOISE MEASUREMENTS OF VOLTAGES AS SMALL AS 100 MICROVOLTS. THE ANALYZER HAS HIGH SENSITIVITY AND HIGH STABILITY. ITS CIRCUIT 20 DB AMPLIFIER, OSCILLOSCOPE TERMINALS, AND PRECISION VACUUM TUBE VOLTMETER WHICH IS USEABLE SEPARATELY. EXCEPTIONALLY USEFUL FOR ALL KINDS OF AUDIO MEASUREMENTS IN RECORDING, BROADCAST, MOTION PICTURE, LABORATORY ETC. SIZE: 8 $\frac{1}{2}$ x19 $\frac{1}{2}$ x13 $\frac{1}{2}$ (RACK MOUNT). WT: SHPG. 40 LBS. PRICES: USED REPARABLE \$185. CHECKED \$225.

TS-723-C SPECTRUM ANALYZER, MILITARY VERSION OF HP-330B; USED, REP, \$165. CHECKED, \$210

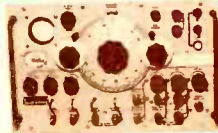
FM SIGNAL GENERATOR

SG-12/URM- FM SIGNAL GENERATOR, 19.5 TO 102 MHZ FM IN FIVE BANDS WITH DEVIATION RANGES 0 TO 25, 50, AND 100 KHZ; 1000 HZ MODULATION. ALSO IF OUTPUTS ON 1.4, 2.515, 2.65, 2.88, 4.3, 4.45, 5.0, 5.35, 15 MHZ, PLUS TWO SPARE POSITIONS. CALIBRATED OUTPUT VOLTAGES: 0.5 UV TO .01 VOLTS (RF); 0.5 UV TO 1.0 V (IF). OUTPUT IMPEDANCES: 10 OHMS (RF); 25 OHMS (IF). WITH 1 MHZ AND/OR 2 MHZ CRYSTAL CALIBRATOR MARKERS. POWER REQUIRED: 115/230 VAC 50-1000 HZ. SIZE: 12x18x12; SHPG WT: 85 LBS. USED, REPARABLE, \$165. CHECKED, \$225.00 MANUAL FOR SG-12. PARTIAL REPRODUCTION. \$12.



FREQUENCY COMPARATOR

CM-212/USM-144 FREQUENCY COMPARATOR, USED WITH FREQ. COUNTERS TO DETERMINE WITH HIGH ACCURACY FREQUENCIES FROM 10 MHZ TO 12.4 GHZ. MEASURES CW, FM, AND PULSE MODULATED RF SIGNALS. AN UNKNOWN SIGNAL IS FED INTO THE USM-144 AND IS COMPARED TO A MIXED FREQ. GENERATED FROM A STABLE AND CONTINUOUSLY ADJUSTABLE FUNDAMENTAL FREQ. FROM 100 TO 220 MHZ. THE DIFFERENCE IN THE UNKNOWN IS SHOWN ON A 2" DIA. (2BP1) SCOPE. FINAL DETERMINATION OF THE INPUT SIGNAL IS MADE BY THE ZERO BEAT OF THE FUNDAMENTAL FREQ. AND THE MULTIPLYING OF THAT VALUE BY THE APPROPRIATE HARMONIC. POWER REQUIRED: 115 VAC 50-440 HZ. SIZE: 19x13 $\frac{1}{2}$ x13 $\frac{1}{2}$, SHPG. WT: 65 LBS. USED, REPARABLE, \$99.50 USM-144 MANUAL, PARTIAL REPRODUCTION, \$8.50



NOISE GENERATOR



RG-52 MICROWAVE MEGAWATT NOISE GENERATOR WITH POWER SUPPLY. USED FOR THE MEASUREMENT OF NOISE FIGURE OR RECEIVER GAIN AND FOR THE CALIBRATION OF STANDARD SIGNAL SOURCES. FLUORESCENT GAS TUBE GIVES 8200 MHZ TO 12400 MHZ FREQUENCY RANGE. HAS THERMOMETER ATTACHED TO AID IN ADJUSTING THE WAVEGUIDE. THE NOISE POWER OUTPUT IS 15.8 DB. WITH AN MOUNTING FLANGE UG-39/U. POWER SUPPLY INPUT 115V. 50-60 HZ. WAVEGUIDE SIZE: 16x5 $\frac{1}{2}$ x1 $\frac{1}{2}$ WT: 2 $\frac{1}{2}$ LBS. POWER SUPPLY SIZE: 11 $\frac{1}{2}$ x7x7 WT: 15 LBS. PRICE: WAVEGUIDE W/POWER SUPPLY, UNUSED \$25.

TS-170/ARN-5 TEST OSCILLATOR USED FOR PRE-FLIGHT CHECKING OF GLIDE PATH RECEIVERS SENSITIVITY AND AUDIO CHANNELS. CRYSTAL CONTROLLED ON THREE PRESELECTED FREQ. 332.6, 333.8, 335 MC. MODULATION FREQ. 90 & 150 CYC. METER IS 2" 0-1 DC MILLIAMETER. BATTERIES REQUIRED 2/1.5 VDC AND 2/45 VDC. WT: 29 LBS. SIZE: 12x16x12; USED \$29.95

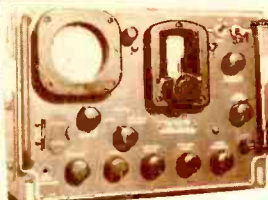


TUNED CAVITY

FR-72 TUNED CAVITY PORTABLE RINGING CAVITY USED FOR TESTING POWER OUTPUT AND FREQUENCY SPECTRUM OF RADAR EQUIPMENT. FEATURES SILVER-PLATED RESONANT CAVITY IN WHICH INDUCTANCE AND CAPACITANCE ARE TUNED TO RESONANCE AT THE FREQUENCY MEASURED. COVERS 8500 TO 9000 MHZ. 3 $\frac{1}{2}$ " RD. 0-30 U-AMMETER INDICATES STORED ENERGY; WITH 1N-23B CRYSTAL DIODE, UG-446 ADAPTER, AND 8' COAX. POWER OBTAINED FROM UNIT UNDER TEST. SIZE: 16x26x14; SHPG. WT: 40 LBS. UNUSED, \$14.95



TS-148 SPECTRUM ANALYZER



TS-148/UP SPECTRUM ANALYZER; 8470 TO 9630 MHZ. PROVIDES VISUAL INDICATION OF RF OSCILLATOR SPECTRA. MAY ALSO BE USED TO MEASURE FREQUENCIES OF RESONANT CAVITIES, ECHO BOXES, MAGNETRONS AND LOCAL OSCILLATORS IN FREQ. RANGE. RECEIVES CW AND PULSED; TRANSMITS CW AND FM CARRIER WAVE. CONTINUOUSLY VARIABLE SWEEP FREQ. FROM 10 TO 30 CYCLES. MAX. SPECTRA DISPERSION 1.5 MHZ PER INCH. SENSITIVITY TO CW (SPECTRUM AMPLIFIED POSITION) -80 DB BELOW 1 WATT/IN. DEFLECTION; SENSITIVITY TO CW (SPECTRUM POS.) 55 DB BELOW 1 WATT/IN. DEFLECTION. ONE MILLIWATT POWER OUTPUT. WITH FREQ. METER, FREQ.-SWEEP RF OSCILLATOR, CRYSTAL MIXER, NARROW BAND I-F WITH TUBES 2K25, 2X2, 3BP1, 5R4, 6AC7, 6SA7, 6Y6, 3/6SJ7, 3/6SN7, 884 & 4/991. POW. REQ. 115V 60c SIZE: 19x13 $\frac{1}{2}$ x25; WT: 45 LBS.

TS-148/UP SPECTRUM ANALYZER ONLY USED \$50 AN/UPM-33 CONSISTING OF TS-148/UP DESCRIBED ABOVE, PLUS WAVEGUIDES, HDN ANT, CABLE MANUAL ETC. USED \$75.00

KLYSTRON POWER SUPPLY



GENERAL MICROWAVE MODEL 303 KLYSTRON POWER SUPPLY; BEAM VOLTAGE VARIABLE FROM -250 TO -400 VOLTS AT 30 TO 50 MA. MAXIMUM. REFLECTOR VOLTAGE VARIABLE FROM 0 TO -900 VOLTS @ 10 UA. REFLECTOR VOLTAGE INTERNALLY MODULATED AT 1000 HZ SQUARE WAVES ADJUSTABLE UP TO 110 VOLTS PEAK TO PEAK. EXTERNAL MODULATION VIA FRONT PANEL TERMINAL, 100,000 OHM IMPEDANCE. SINUSOIDAL POWERLINE FREQUENCY, VARIABLE FROM 0 TO 350 VOLTS PEAK TO PEAK. POWER REQUIRED: 115 VAC 50/60 HZ. SIZE: 11 $\frac{1}{2}$ x13x7 $\frac{1}{2}$ SHPG. WT: 25 LBS. WITH MANUAL (NO SCHEMATIC). PRICE: UNUSED \$45.00

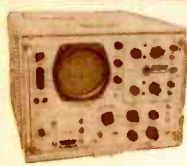
REFERENCE GENERATOR

SG-323/TSM REFERENCE SIGNAL GENERATOR, USED IN DATA COMMAND SYSTEMS OF FLIGHT COMPUTERS. HAS 69 DIODE-TRANSISTOR LOGIC CARDS WHICH IN TOTAL CONTAIN OVER 300 2N404 TRANSISTORS.



ALSO 32 DATA ENTRY SWITCHES PLUS SWITCHING FOR 16 PRESET MESSAGES. A AND B CHANNELS HAVE ODD-EVEN SELECTORS; EIGHT ADDRESS SWITCHES PER CHANNEL. TEST DISPLAY HAS INDICATOR LIGHTS NUMBERED 1, 2, 4, 8, 16, 32, & 64. OPERATING MODES: EXT AUTO, INT AUTO, AND MAN. MANUAL MODE SELECTION: 5 KC, NORMAL, OR ONE SHOT. IN ALL, 67 MINIATURE TOGGLE SWITCHES (MOSTLY SPDT) ARE USED, RCA MFG. POWER INPUT NOT KNOWN. SOLD AS "RECEIVED FROM GOV'T. NOT CHECKED FOR OPERATION." SIZE: 19x7 $\frac{1}{2}$ x16 $\frac{1}{2}$; SHPG. WT: 65 LBS. USED. PRICE: W/CABINET, \$55.00; LESS CABINET, \$50.

DUAL-TRACE PRICE-CUTS



AN/USM-140C OSCILLOSCOPE, DC TO 30 MHZ MAINFRAME, SIMILAR TO H-P 170A. INCLUDES MX-2930 DUAL-TRACE VERTICAL PLUG-IN WITH DC TO 22 MHZ PASSBAND. INPUT IMPEDANCE: 1 MEG-OHM SHUNTED BY 30 PF. INPUT SENSITIVITY: 0.02 VOLT/CM TO 20 V/CM. FUNCTIONS: CHANNEL

A, CHOPPED, A-B, AND ALTERNATE. HORIZONTAL MX-3078 PLUG-IN SWEEP RATE: 0.1 U-SEC/CM TO 5 SEC/CM. HORIZ. SENSITIVITY: 0.1 V/CM TO 10 V/CM. MAGNIFIER X1 TO X100 IN SEVEN STEPS. CALIBRATOR: 0.2 MV TO 100 V. IN NINE RANGES. POWER REQUIRED: 115/230 VAC 50-1000 HZ. SIZE: 14x19x22; SHPG. WT: 110 LBS. PRICE: USED, REPARABLE, \$195. CHECKED, \$295.

AN/USM-105A SCOPE WITH DUAL-TRACE PLUG-IN, SAME AS USM-140 EXCEPT DC TO 15 MHZ RESPONSE. PRICE: USED, REPARABLE, \$135. CHECKED, \$195.

OS-8 OSCILLOSCOPE

OS-8/U OSCILLOSCOPE WITH 3RPI CRT

HIGHLY PORTABLE UNIT HAS DC TO 2 MHZ VERTICAL RESPONSE; DC TO 500 KHZ HORIZONTAL. VERTICAL AND HORIZONTAL SENSITIVITY: 0.075 V-RMS FOR 1" DEFLECTION. SWEEP RANGE: 3 TO 50 KHZ. INPUT IMPEDANCE: 9 MEGOHMS SHUNTED BY 11 MMF (DC). DIRECT ACCESS TO VERTICAL AND HORIZONTAL PLATES. POWER REQUIRED: 115 VAC 50-1000 HZ. SIZE: 9x6x13; SH WT: 20 LBS. PRICE: USED, REPARABLE, \$44.50; CHKD. \$69.50



MANUAL for OS-8, partial reproduction, \$8.50

SCOPE ACCESSORY

TS-433B ELECTRONIC SWITCH, PROVIDES TWO INDEPENDENT TIME BASES FOR AN OSCILLOSCOPE-- ALLOWING FOR THE SIMULTANEOUS DISPLAY AND COMPARISON OF TWO SIGNALS. UNIT FUNCTIONS ALSO AS SQUARE WAVE GENERATOR AND AS A DC CHOPPER AMPLIFIER. EXPANDS THE CAPABILITIES OF



AC-COUPLED SCOPES. SWITCHING RATE: 10-2000 TIMES/SEC CONTINUOUSLY VARIABLE. FREQ. RESPONSE: 0-5000 HZ. SQUARE WAVE GENERATOR RANGE: 10-500 HZ WITH AMPLITUDE VARIABLE TO 30 V P-P. INPUT IMPEDANCE: 100K OHMS. OUTPUT IMPED.: 50K OHMS. MAX. SIGNAL OUTPUT: 75 V. P-P. POWER REQUIRED: 115/230 VAC 50-60 HZ. SIZE: 10x8x13; SH. WT. 30 LBS. PRICE: USED, REPARABLE, \$29.95; MANUAL, \$5.



AIRCRAFT MULTIMETER, with scales 1 to 300 VAC and 1000 VDC; 1 to 1000 MADC; and 1 to 1 megohm. Has 4" dia. meter, FS=1 ma. Two 6111 twin triodes requiring 100-165 plate volts.

Needs external power supply. Meter circuitry similar to H-P 410B/ME-26. No covers. 9x5x10 15 lbs. sh. Used, w/ME-26 schematic, \$18.95



H-P 412AR DC VOLTMETER; INDICATES 1 MV TO 1000 VOLTS DC IN 13 RANGES. ALSO 1 U-A TO 1.0 AMP AND 1 OHM TO 100 MEGOHMS. HAS

WIDE, MIRRORED SCALE AND A DESIGNED ACCURACY OF 1% ON THE VOLTS SCALE. RACKMOUNT STYLE. SIZE: 19x 5x7; SHPG. WT: 25 LBS. PRICE: USED, REPARABLE, \$100. CHECKED, \$125. H-P 412A DC VOLTMETER, CABINET STYLE OF THE "AR", USED, REPARABLE, \$105. CHECKED, \$130.



H-P 430C MICROWAVE POWER METER DESIGNED FOR FREQUENCIES UP TO 40 GHz, BUT SUITABLE FOR RF MEASUREMENTS AS LOW AS 10 MHZ WITH PROPER BOLOMETER (NOT AVAILABLE). ALLOWS FOR POWER READINGS FROM 0.1 TO 10 MW; -20 TO +10 DBM. SEE APRIL 177 HAM RADIO FOR AMATEUR USAGES

OF THIS METER. POWER REQUIRED: 115/230 VAC 50-1000 HZ. SIZE: 7x11x14; SHPG. WT: 20 LB. PRICE: USED, REPARABLE, LESS BOLOMETERS, \$40.

RADIATION INDICATOR



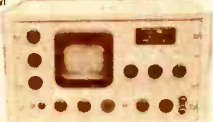
CP-95/PD RADIAC COMPUTER-INDICATOR, DESIGNED TO SHOW THE AMOUNT OF X- AND GAMMA RADIATION TO WHICH A DT-60/PD (NOT AVAILABLE OR SIMILAR SILVER-ACTIVATED PHOSPHOR GLASS RADIATION DETECTOR TUBE HAS BEEN EXPOSED. AN EXPOSED DETECTOR GLOWS ORANGE IN

THE CP-95'S 4 W ULTRAVIOLET LIGHT. THE INTENSITY OF THE LUMINESCENCE IS MEASURED BY A 931VA PHOTOMULTIPLIER TUBE. THE OUTPUT OF THIS TUBE IS THEN TRANSLATED INTO ROENTGENS AND IS SHOWN UPON A 0-200-600 ROENTGENS METER (SIZE: 4x4; FS-100 U.A.) SET INCLUDES FRONT COVER AND TUBES 5726, 5814, 931VA, CK1039 (OR 6143), AND 0A2. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 9x9x17; SHPG. WT: 30 LBS. PRICE: UNUSED, \$27.95; MANUAL, \$5.00

PANORAMIC INDICATOR

IP-173 PANORAMIC SPECTRUM

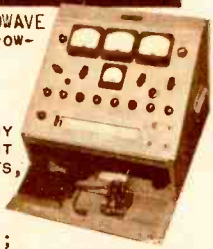
INDICATOR, SIMILAR TO SINGER SB-8T. DESIGNED TO SCAN AND ANALYZE RF SIGNALS TO IDENTIFY SIGNAL LEVEL, FREQUENCY, AND MODULATION. CAN BE USED TO DETERMINE CORRECT DEVIATION RATIO OF FM TRANSMITTERS. USABLE UP TO 1000 MHZ; DISPLAYS UP TO 1000 KHZ SPECTRUM WIDTH. CENTER FREQ: 5 MHZ. BANDPASS: 4.5 TO 5.5 MHZ. IF TRANSFORMERS TUNED TO 1.5 MHZ; FM OSCILLATOR MEAN FREQ: 6.5 MHZ. INPUT IMPED: 50 OHMS. DIRECT SENSITIVITY: 100 UV FOR 1" DEFLECTION ON CRT @ 5 MHZ. SAW-TOOTHED SWEEP; RATE 1 HZ (NON-SYNCHED), 5, 30, AND 25 TO 35 HZ VARIABLE. HAS 5UP7 CRT. POWER REQUIRED: 2/6.3 VAC, 265 VDC, AND -1870 VDC. 12x22x20; 68 LBS SH. USED, REPARABLE, \$60.



IP-173 WITH 115 VAC 60 HZ POWER SUPPLY AND INTERCONNECTING CABLE, \$90.00; MANUAL FOR IP-173, PARTIAL REPRO, \$8.50 CONSTANT VOLTAGE TRANSFORMER FOR IP-173 SYSTEM, 95-130 VAC 60 HZ IN; 115 VAC 60 HZ (120 VA) OUT. #SOLA/IP-173, USED, \$20.00

KLYSTRON TUBE TESTER

TV-13/POLARAD S-200 MICROWAVE TUBE TESTER, CHECKS LOW POWER EXTERNAL AND INTERNAL CAVITY KLYSTRONS, PENCIL TRIODES, AND LIGHTHOUSE TUBES LIKE 2C39B, 2K25, 6BM6A, QK-SERIES, AND MANY OTHERS. TESTS FOR FILAMENT CONTINUITY, SHORT CIRCUITS, DC VOLTAGES AND CURRENT, LIFE, RF MEASUREMENT.



HAS METERS FOR 0-100-500 GRID AND REFLECTIVE VOLTS; 0-1500-5000 BEAM VOLTS; 0-5-100 MILLIAMPS; AND 0-10 FILAMENT VOLTS. FOUR VARIABLE TRANSFORMERS SET REFLECTOR, BEAM, FILAMENT, AND GRID VOLTS. WITH TEST DATA ROLL CHART, COOLING FAN FOR TUBES UNDER TEST, AND TEST LEADS. POWER REQUIRED: 115 VAC 50-60 HZ. 15x19x16; 120 LBS SH WT. USED, REPARABLE, \$150.00 UNUSED, \$300.00; MANUAL F/TV-13, \$7.50

FR-149 FREQUENCY METER



FR-149/USM-159 TRANSISTORIZED FREQUENCY METER, COVERS 125 KHz TO 1000 MHZ IN THREE RANGES: 125 KHz-2.5 MHZ, 2.5-65 MHZ, AND 65-1000 MHZ. CAN BE USED AS A SIGNAL GENERATOR BY PROVIDING EITHER MODULATED OR UNMODULATED SIGNALS.

FREQUENCY FUNDAMENTALS READ DIRECTLY FROM MAGNIFIED AND ILLUMINATED CALIBRATED FILM STRIP AND THEN INTERPOLATED IN ACCOMPANYING CALIBRATION BOOK. OPERATES FROM EITHER SIX "D" CELL BATTERIES OR FROM 115/230 VAC 50-450 HZ. SIZE: 11x11x13; SHPG. WT: 33 LBS. USED, REPARABLE, \$99.50. CHECKED, \$150.00

GREIBACH INSTRUMENTS

GREIBACH Z300 ZENER IMPEDANCE METER; COVERS THE FOLLOWING VOLTAGE RANGES: 0-40, 40-80, 80-120, 120-160M 160-200, AND 200-240. ZENER VOLTAGE RANGE; 0-5, 5-10, AND 10-20 WATTS.



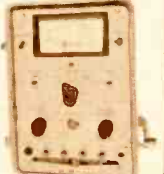
FUNCTION SELECTOR/SCALER FOR 1 (x1, x10, x100); 1 (x1, x10) AND 2 (x100, x10, x1). INSTRUCTIONS AND SCHEMATIC NOT AVAILABLE. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 7-5/8x10x8; SHPG. WT: 17 LBS. UNUSED, NOT CHECKED, \$45.



ROYCO MODULE 515 DATA COUNTER PLUG-IN for particle monitors. BEEDE meter relay trips one of two 12 VDC relays at pre-set count rate. Meter FS=1 ma. 10K or 100K counts/min. Alarm Override permits push button 100, 1K, 10K, and 100K counts/min. range selection. Uses four printed circuit card. Requires 115 VAC 60 Hz, +30 VDC and -15 VDC.

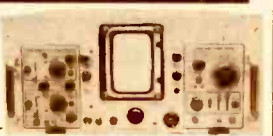
8x6x11; 7 lbs. sh. Used, excellent. Price: w/FS=10K count, \$40.00; FS=100K, \$45.

GREIBACH MODEL V200 TRANSIENT VOLTAGE INDICATOR, SIMILAR TO MODEL V210, EXCEPT DOES NOT COUNT TRANSIENT VOLTAGE. IN ALUMINUM TRANSIT CASE W/HIGH VOLTAGE PROBE. POWER REQUIRED: 115 VAC 60 HZ AND FIVE "D" CELLS (NOT INCLUDED). SIZE: 6x9x5; 11 LBS. UNUSED, \$35.



100 MHZ OSCILLOSCOPE

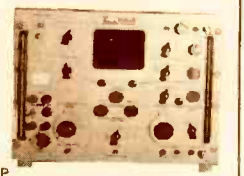
TEKTRONIX R647A MODIFIED OSCILLOSCOPE FEATURING DC TO 100 MHZ FREQUENCY RESPONSE, DUAL-TRACE CAPABILITIES, AND SOLID-STATE CIRCUITRY.



UNIT INCLUDES THE TYPE 10A2A DUAL-TRACE AMPLIFIER AND THE TYPE 11B1 TIME BASE MODULES. AMPLITUDE CALIBRATOR GOES FROM 0.2 MV TO 100 VOLTS IN 18 STEPS. THIS SCOPE WITH ITS 14 KV ACCELERATING POTENTIAL ON THE CRT HAS HIGH WRITING SPEED AND IS CONSTRUCTED FOR RUGGED AND SEVERE ENVIRONMENTS. POWER REQUIRED: 90 TO 136 VAC AND FROM 180 TO 272 VAC IN SIX SWITCHABLE RANGES, 45-440 HZ. SIZE: 8x19x19, SHPG. WT: 75 LBS. NOTE: THE MODIFICATION ON THE R647A'S WHICH WE OFFER APPEARS TO BE THE VERTICAL ORIENTATION OF THE 6X10 CM. DISPLAY AS PICTURED ABOVE. THESE UNITS ARE SOLD AS REMOVED FROM SERVICE, LESS THE DISPLAY BEZEL, OPERABLE ON MOST MAJOR FUNCTIONS, BUT NOT LAB CALIBRATED. PRICE: TEK R647A MOD. SCOPE, USED, \$750.00

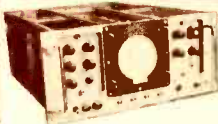
FRONT PANEL MODIFICATION KIT FOR THE ABOVE TEK R647A TO RE-SET IT FOR A HORIZONTAL TRACE RUN. INCLUDES NEW FRONT PANEL, BEZEL, GRATICULE, AND OTHER PARTS. WRITE FOR MORE INFO.

AN/USM-50 OSCILLOSCOPE WITH 3ADP1 CATHODE RAY TUBE AND 15 MHZ BANDWIDTH, RISE TIME FROM 0.022 U-SEC TO 30,000 U-SEC. SWEEP TIME CONTINUOUSLY ADJUSTABLE FROM 0.17 TO 37,500



U-SFC WITH SWEEP DELAY THAT ALLOWS 10% OF SWEEP LENGTH TO BE EXPANDED 10 TIMES FOR SWEEPS GREATER THAN 5 U-SEC. TRIGGER PULSE FROM 10 TO 10,000 HZ WITH 0.15 U-SEC RISE TIME. TIMING MARKERS SYNCHED AT 0.2, 1, 5, 20, 100 500 AND 2000 U-SEC. VERTICAL INPUT IMPEDANCE: 1 MEGOHM SHUNTED BY 40 UUF FOR ALL ATTENUATOR POSITIONS. HORIZONTAL IMPED: 1 MEGOHM SHUNTED BY 30 UUF INPUT VOLTAGE: 0.03 TO 90 VOLTS PEAK INPUT SENSITIVITY: 10 MV/CM-RMS CALIBRATION: 1 KHz ADJUSTABLE 20 TO 200 MV. EXTERNAL CONNECTIONS POSSIBLE TO BOTH THE VERTICAL PLATE AND THE HORIZONTAL AMPLIFIER. POWER REQUIRED: 115 VAC 50 TO 1000 HZ SIZE: 15x19x16; WT: 80 LBS. LESS PROBES PRICE: USED, REPARABLE \$75.00 USED, CHECKED \$100.00

TRANSISTORIZED SCOPE



HFE T4214A TRANSISTORIZED OSCILLOSCOPE; ENGLISH MANUFACTURED SCOPE USES PRINTED CIRCUIT CARDS FOR THE PRE-AMP, SIGNAL DEFLECTION AMP, TIME BASE, INTENSITY MOD, AND SWEEP AMP. PROVISIONS ALSO FOR SIGNAL DELAY, TRIGGER PICK-OFF, AND TRIGGER DELAY PC CARDS (NOT AVAILABLE). ESTIMATED FREQUENCY RESPONSE: 300 KHZ LIMITED BY DEFLECTION AMP. USES 5LCP11 CRT; SWEEP IS FROM TOP TO BOTTOM BUT CAN BE CHANGED TO LEFT TO RIGHT. INCLUDES CONTROLS: FOCUS, BRIGHTNESS, ASTIG., SIGNAL SHIFT, INPUT ATTENUATOR (0.1 TO 10 V./DIV. IN 7-STEPS); TIME BASE (1 U-SEC TO 10 M-SEC IN 5-STEPS); MULTIPLIER X.5, X1, AND X2; TIME BASE SHIFT, TIME BASE DEFLECTION (EXT/INT); TRIGGER LEVEL; AND FREE RUN/SINGLE SHOT. SLIGHTLY BENT FRAME; LESS CASE AND POWER PLUG. POWER REQUIRED: 115 VAC 60 HZ OR 12 VDC 1 AMP. SIZE: 9x17x25, SHPG. WT: 60 LBS. PRICE: USED, REPARABLE \$50.00

TELETYPEWRITER SCOPE



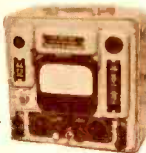
TDA-2N TS-1060 TELETYPEWRITER TEST SCOPE, MEASURES BIAS AND DISTORTION OF START-STOP AND SYNCHRONOUS TELEGRAPH SIGNAL ON A 3" CRT. INPUT SPEEDS APPROX. 60 WPM (5 UNIT CODE), 60,75,100 WPM 7.42 CODE, AND BAUD SPEED EQUIVALENTS TO 60,75,100 WPM (10.42 UNIT CODE). INPUT IMP. 100 OHMS FOR 60MA NEUTRAL; 300 OHMS FOR 20MA NEUTRAL AND 30MA POLAR. MEASUREMENT RANGE 0-50% MARKING, OR SPACING BIAS AND DISTORTION. TUBES: 3KP1, 5651, 0A2, 3/12AT7, 6X4, 0B2, 3/5963, 5726. POWER REQUIRED 115/230V 60HZ. 8x8x15 SHPG. WT: 24 LBS. USED REPARABLE \$34.95 (FOUNDATION UNIT) LESS C.R. TUBE 24.75

ME-9 MULTIMETER



ME-9/TS-352 MULTIMETER, PORTABLE GENERAL PURPOSE VOM. 1000 OHMS/VOLT AC-DC SENSITIVITY OR 20,000 OHMS/V. SENS. DC ONLY. MEASURES AC-DC VOLTS FROM 2.5 TO 1000 V. IN SIX RANGES. DC AMPS FROM 250 U-AMPS TO 10 AMPS IN EIGHT SCALES; OHMS FROM X1 TO X10K. WITH 4" METER (FS=50 UA); JACK FOR 5000 VDC @ 20,000 OHMS/V.; AND TEST LEADS. REQUIRES THREE 4 1/2 VDC AND ONE 1/2 VDC BATTERIES (NOT AVAILABLE). SIZE: 11x8x6; SHPG. WT: 17 LBS. USED. PRICE: REPARABLE, \$29.95; CHECKED, \$39.95

TS-375/U VACUUM TUBE VOLTMETER, AC VOLTS RANGES FROM 1.2 TO 120 VAC IN SIX STEPS; DC VOLTS FROM 1.2 TO 300 VDC. FREQUENCY RESPONSE FROM PANEL TERMINALS: 40 HZ TO 50 KHZ; OR 10 KHZ TO 150 MHZ USING PROBES. WITH BOTH AC AND DC PROBES. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 10x10x6 1/2; SHPG. WT: 23 LBS. USED. PRICE: REPARABLE, \$18.95;



FREQUENCY COUNTER



FR-114/TSM-16 FREQUENCY METER WITH SIX NIXIE TUBE READOUT. COUNTS EVENTS IN THE 20 HZ TO 1 MHZ FREQUENCY RANGE. COUNTING INTERVALS: 0.0001, 0.001, 0.01, 0.1, 1.0 OR 10 SECONDS. DISPLAY TIME CONTINUOUSLY VARIABLE FROM LESS THAN 1 SEC TO 5 SEC. 100 KHZ INTERNAL CHECKING SIGNAL. MANUAL OR AUTOMATIC CYCLING. SINE-WAVE INPUT MUST HAVE HIGH SIGNAL-TO-NOISE RATIO AND AMPLITUDE OF 0.2-50 VRMS; OTHER WAVEFORMS CAN BE APPLIED BUT LEVEL METER MUST BE DISREGARDED. TIME INTERVAL MEASUREMENTS REQUIRE TWO SUCCESSIVE NEGATIVE PULSES 3-8 V. IN AMPLITUDE AND 0.2 TO 10 U-SEC DURATION. 115/230 VAC 50-1000 HZ OPERATION. SIZE: 8x19x14 1/2; SH. WT: 70 LBS. PRICE: USED, REPARABLE, \$85. CHECKED, \$125.

DIGITAL COUNTER

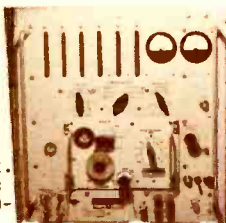
NORTHEASTERN ENGINEERING MODEL 14-20C FREQUENCY COUNTER WITH 8-PLACE NIXIE DIGITAL DISPLAY. FREQUENCY RANGE 10 HZ TO 10.1 MHZ WHICH CAN BE EXTENDED TO 1000 MHZ WITH THE PROPER PLUG-IN FREQUENCY CONVERTER. TIME PERIOD: 10 U-SEC TO 1.0 MILLION SEC. INPUT IMPEDANCE: 1 MEG-OHM SHUNTED BY 40 UUF.



ALSO COUNTER DESIGNED TO BE USED AS A SECONDARY FREQUENCY STANDARD FROM 10 MHZ TO 0.1 HZ WITH A CRYSTAL-CONTROLLED 1 MHZ OSCILLATOR. HOWEVER, THE 1 MHZ OSCILLATOR IS NOT AVAILABLE. COUNTER USES PLUG-IN UNITS INTERCHANGEABLE WITH FR-38 AND HEWLETT-PACKARD 524 SERIES COUNTERS. PLUG-INS SOLD SEPARATELY. POWER REQUIRED: 115 V. 50-400 HZ SIZE: 19x19x17 1/2 SHPG. WT: 110 LBS. PRICE: USED, LESS 1 MHZ OSCILLATOR, \$95.00

HP-524B COUNTER, 6 DECADE READOUT, SIMILAR TO FR-38, USES SAME PLUG-INS AS OTHER COUNTERS, PLUG-INS LISTED BELOW. PRICES: USED, REPARABLE \$150 CHECKED \$225.00

FR-38 FREQUENCY METER AND COUNTER; GENERAL PURPOSE UNIT SIMILAR TO HEWLETT-PACKARD 524B. USED TO MEASURE FREQUENCY AND TIME INTERVALS. FREQ. RANGE: 10 HZ. TO 10 MHZ; CAN BE EXTENDED WITH PROPER PLUG-INS TO 510 MHZ. TIME INTERVAL: .001 SEC TO 10 SEC. CAN BE EXTENDED FROM 1.0 U-SEC TO 100 DAYS WITH PROPER PLUG-IN. FR-38 CONSISTS OF A SIGNAL GATE, A TIME BASE SECTION, A GATE SECTION AND 6-DECADE COUNTER. RECEIVES CW OR PULSED. ACCURACY @ 1 TO 3000 HZ .03%; @ 3000 HZ TO 10 MHZ .001%. POWER REQUIRED: 115V AC 50 - 1000 HZ. SIZE: 19x19x18 1/2 WT: 125 LBS. PRICE: USED, REPARABLE \$125.00 CHECKED \$175.

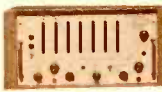


PLUG-INS FOR HP-524 AND SIMILAR COUNTERS. USED, REP. ADD \$10 FOR HP MFG. MX-1637 10-100 MHZ, \$35. CV-594 100-220 MHZ, \$25. HP-525C 100-500 MHZ, \$125. HP-526A VIDEO AMP, \$40. MX-1635 TIME INTERVAL, \$25.00 HP-526C PERIOD MULTIPLIER, \$40.00 TRANSIT CASES F/525-526 PLUG-INS. STEEL (11x8x8), \$5.00. FIBERGLASS (14x9x9), \$10.00



BECKMAN COUNTERS

BECKMAN 7360 UNIVERSAL E/PUT METER AND TIMER, INDICATES E/PUT, PERIOD, AND TIME. DC TO 1 MHZ RESPONSE; PERIOD: 1 U-SEC TO 10 SEC. SEVEN DECADES. 22x10x16; SHPG. WT: 65 LBS. USED, REP., \$50. 7370 UNIVERSAL E/PUT METER, SIMILAR TO 7360 EXCEPT DC TO 11.5 MHZ. USED, REPARABLE, \$75. 7175M FREQUENCY METER, 10 HZ TO 110 MHZ, 8-DECADES. 10x19x15, 50 LBS. USED, REP., \$100.



NON-LINEAR SYSTEMS DIGITAL DC VOLTMETERS WITH RATCHET-TYPE 1 1/2" HIGH READOUTS; AC POWERED. USED, REPARABLE.

MODEL 481 9.999 TO 499.9 VDC, \$30.00
484A 9.999 TO 999.9 VDC, AUTO, 40.00
64 0.001 TO 499.9 VDC, SCALER, 30.00
V64 0.001 TO 999.9 VDC, " 40.00

ACTON 331 DIGITAL PHASE METER, 0.2-150 SIGNAL AND REFERENCE VOLTS IN TWO RANGES, \$100.

AD-YU 405 PRECISION PHASE METER, INDICATES PHASE ANGLE IN RANGES: 0-125, 0-36, 0-90, AND 0-180. FREQ. RANGE 8 HZ TO 40 KHZ AND UP TO 100 KHZ. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 20x12x10 1/2, WT: 30 LBS. REPARABLE, \$65.

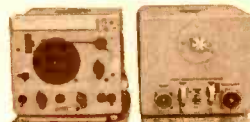


FREQUENCY METERS



AN/URM-32 FREQUENCY METER: 125 KC TO 1000 MC IN THREE RANGES, CAN ALSO BE USED AS A SIGNAL GENERATOR WHICH PROVIDES A CHOICE OF MODULATED OR UNMODULATED SIGNALS FOR TESTING AND CALIBRATING RADIO EQUIPMENT. SENSITIVITY WITH AN RF OUTPUT OF .05 MW MINIMUM IS OBTAINED. ACCURACY .01%, RF 100 UV MINIMUM ACROSS EXTERNAL 50 OHM RESISTIVE LOAD. FIVE TUBE HETERODYNE TYPE, POWER REQ. 6 VDC 1 AMP. 180 VDC 25 MA., DRY BATTERY OR AC SUPPLY CAN BE USED. METER IS USED TO READ P.S. VOLTAGES. W/CALIBRATION BOOK SIZE: 13x12x13 1/2; WT: 29 LBS.

PRICE: USED, CHECKED, \$125.00; URM-32 WITH 115 V. 60 HZ. POWER SUPPLY, \$150.00



LM-21 FREQUENCY METER WITH AC POWER SUPPLY; CRYSTAL CALIBRATED UNIT COVERS 125 TO 20,000 KHZ IN TWO BANDS.

DESIGN ACCURACY BETTER THAN .02%. AM MODULATION 40% AT 500 HZ. OUTPUT VOLTAGE 250 U-VOLTS MIN. OUTPUT IMPEDANCE 600 OHMS. WITH CALIBRATION BOOK. POWER REQUIRED: 115 VAC 60 HZ.

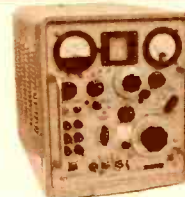
FREQUENCY METER SIZE: 8x8x8 1/2; WT: 14 LBS. POWER SUPPLY SIZE: 8x8x8; WT: 15 LBS. PRICES: USED, COMPLETE, \$24.95; CHECKED, \$50. POWER INPUT CONN. F/LM-21 EACH 2.00 POWER SUPPLY " 2 REQUIRED " 7.50 SHOCKMOUNT \$2.50 MANUAL 7.50

BC-221 FREQUENCY METER, 125 TO 20,000 KHZ; REQUIRES 6 VDC 0.9 AMP AND 135 VDC 20 MA. SIZE: 10x13x10; SHPG. WT: 30 LBS. USED, REPARABLE, \$60.00; CHECKED, \$70.00 USED, REP. LESS CALIBRATION BOOK, \$45.00

TS-323 FREQUENCY METER, 20 TO 480 MHZ; REQUIRES 6 VDC AND 45 VDC. 15x12x10; 35 LBS. USED, REPARABLE, \$50.00; CHECKED, WRITE

115 VAC 60 HZ POWER SUPPLY FOR EITHER BC-221 OR TS-323 (SPECIFY); OUR CONSTRUCTION, \$25.

TS-510A SIGNAL GENERATOR



TS-510A/USM-44A SIGNAL GENERATOR, 10 TO 420 MHZ AM, CW, AND PULSED CARRIER. INTERNAL MODULATION 400 OR 1000 HZ. EXTERNAL MOD: 100 HZ TO 20 KHZ. OUT PUT: 0.1 U-VOLT TO 0.5 VOLT INTO A 50 OHM LOAD. LARGE 3 1/2" ROUND METERS INDICATE PERCENT MODULATION AND OUTPUT VOLTS-DBM. WITH BUILT-IN 1 MHZ AND 5 MHZ CRYSTAL CALIBRATOR. SIMILAR TO HEWLETT-PACKARD 6080. POWER REQUIRED: 115/230 VAC 50-1000 HZ. 13x16x21; 80 LBS. PRICE: USED, REPARABLE, \$300. CHECKED, \$395.

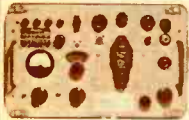
TS-510/USM-44; SAME AS ABOVE, BUT WITH ONLY 5 MHZ CALIBRATOR. REP, \$275. CHECKED, \$375.

MULTI-PURPOSE TEST SET



AN/TRM-1 SIGNAL GENERATOR AND POWER METER, COVERS 0.19 TO 400 MHZ AM. USES TWO RF OSCILLATORS SG-32 (0.19-30 MHZ IN FIVE BANDS) AND SG-33 (30-400 MHZ). INTERNAL MODULATION 0 TO 60% @ 1000 HZ. OR 200-6000 HZ EXTERNAL. OUTPUT: 2.5 TO 100K U-VOLTS IN NINE STEPS; 50 OHM IMPEDANCE. BUILT-IN VOLTMETER MEASURES 0-3-30-300-600 VDC, 0-3-30-300 VAC, AND 0-10-100-1000 MW. UNIT CAN ALSO TEST PERFORMANCE OF 3 TO 100 WATT TRANSMITTERS OVER THE FREQ. RANGE USING THE PROPER COUPLER AND DUMMY LOAD (NOT INCLUDED). WRITE FOR AVAILABILITY AND PRICE OF ACCESSORIES. POWER REQUIRED: 115 VAC 60 HZ. 18x13x8; 65 LBS. SH. USED. REPARABLE, \$195. CHECKED, \$260. MANUAL, PARTIAL REPR., \$10.

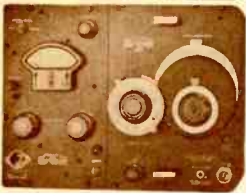
MICROWAVE GENERATOR



TS-147/UP MICROWAVE SIGNAL GENERATOR

PORTABLE UNIT DESIGNED TO TEST AND ADJUST RADAR, BEACON AND MICROWAVE COMMUNICATION SYSTEMS OPERATING IN THE FREQUENCY RANGE OF 8500 TO 9600 MC. PROVIDES EITHER FM OR CW TEST SIGNALS OF KNOWN POWER LEVEL AND FREQUENCY. THIS UNIT CONTAINS A DIRECT READING FREQUENCY METER AND POWER LEVEL METER WITH POWER REFERENCED TO ONE MILLIWATT (DBM). USED TO MEASURE FREQ. AND POWER LEVEL OF THE INPUT AND OUTPUT SIGNALS. SPECTRUM WIDTH, FREQ. CHANGE, RECOVERY TIME AND STANDING WAVE RATIO. CAN ALSO BE MODULATED EXTERNALLY. OPERATES FROM 115 VOLT 50-1600 CYCLES. LESS. CABLES, PLUGS, ADAPTER, PICK-UP HORN. SIZE: 11x18x12; WT: 35 LBS.

TS-147A/UP.....\$49.50 USED
 TS-147B/UP.....60.00 USED
 TS-147D/UP.....75.00 USED



GENERAL RADIO SIGNAL GENERATOR

MODEL 1021 250-920 MC

IN ONE BAND, DIRECT READING CALIBRATION 1%, OUTPUT VOLTAGE CONT. ADJ. .5 TO 1 VOLT OPEN CIRCUIT. OUTPUT IMP. 50 OHMS 10%, AMPLITUDE MOD. ADJ. 0-50%, ENV. DIST. LESS THAN 5% AT 50% MOD. CARRIER NOISE LEVEL .2% MOD. STRAY FIELD LEAKAGE AND RESIDUAL OUTPUT VOLTAGE CANNOT BE DETECTED WITH A RECEIVER. 2-3 MV SENSITIVITY. POWER REQUIRED: 115/230 VOLT, 50-60 CY. SIZE: 20x14x10; WT: 40 LBS. COND. USED PRICE: \$150.00 CHECKED FOR OPERATION \$25 EX.

MULTIMETER



ME-260/U MULTIMETER MEASURES AC OR DC VOLTAGES AND RESISTANCES AT FREQUENCIES FROM 20 HZ TO 700 MHZ. AC VOLTS SCALE: 0 TO 1, 3, 10, 30, 100, AND 300 VAC. DC VOLTS RANGE: 0 TO 1, 3, 10, 30, 100, 300, AND 1000 VDC. RESISTANCES MEASURED FROM 0 TO 500 MEGOHMS IN SEVEN RANGES. DC INPUT IMPEDANCE: 122 MEGOHMS; AC INPUT IMPED: MORE THAN 0.1 MEGOHMS AT 100 MHZ. UNITS ARE COMPLETE WITH PROBES, EXCEPT TIPS OF AC PROBES ARE MISSING. POWER REQUIRED: 115/230 VAC 50-1000 HZ. SIZE: 7x11x7; SHPG. WT: 15 LBS.

PRICE USED REPAIRABLE \$55.00, USED CKD \$75.00

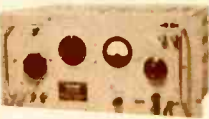
OSCILLOSCOPE



TS-34A/AP OSCILLOSCOPE, SMALL PORTABLE UNIT WITH 2AP1 CRT. BANDWIDTH: 30 HZ TO 1 MHz. RISE TIME: 0.25 TO 30,000 U-SEC.

SWEEP TIME ADJUSTABLE IN THREE RANGES FROM 10 TO 50,000 HZ. INPUT IMPEDANCE 62 OHMS OR 430,000 OHMS PARALLELED BY 12 MMF. INPUT VOLTAGE SENSITIVITY 10 TO 100 VOLTS AT 40 DB. EXTERNAL CONNECTION POSSIBLE TO ONE VERTICAL AND BOTH HORIZONTAL PLATES. WITH TUBES 4/6AK5, 2/6AG7, 2/6SL7, 6SN7, 5Y3, 6X5 AND 2AP1. POWER REQUIRED: 115 VAC 50 TO 1200 HZ. SIZE: 20x9x8 SHPG. WT: 40 LB PRICE: USED, REPAIRABLE \$34.95 CHECKED \$49.95

AUDIO GENERATOR



SG-15/PCM SIGNAL GENERATOR, DESIGNED AS TEST POWER SOURCE FOR TRANSMISSION MEASUREMENT OF CARRIER EQUIPMENT AND WIRE AND CABLE LINES; ALSO CAN BE USED AS AN AUDIO OSCILLATOR. OUTPUT: -54 THRU -26 DBM IN-TO 600 OHMS FROM 200 HZ TO 35 KHZ ON ONE CONTINUOUS BAND. WITH 2" RD. OUTPUT LEVEL METER, ZERO-BEAT ADJUST, COARSE AND FINE DBM CONTROLS. POWER REQUIRED: 115/230 VAC 50-60 HZ. 8x19x13; SH. WT: 50 LBS. USED, REP. \$40.

COMPUTER FOUNDATION



DISPLAY CIRCUIT BOARD WITH EIGHT 3/8" 7-SEGMENT LED READ-OUTS, EIGHT RED LED'S, 15 DARLINGTONS, 8 PNP TRANSISTORS 3/C4003 SHIFT REGISTERS, PLUS OTHER COMPONENTS, BLOCK DIAGRAM. 10x3 1/2, #ECR7700, \$12.95

COMMUNICATIONS CIRCUIT BOARD

CONTAINS MODEM CARD WITH 7/1458 OP AMPS (NO SCHEMATIC). MAIN BOARD HAS TMS-6011 UART, INPUT SHIFT REGISTERS, AND GATES (TEN IC'S). ALSO INPUT TRANSFORMERS FOR MODEMS, SELECT WIRING FOR 4- OR 2-LINE INPUT, AND LEVELS 0 DBM, -3 DBM, -6 DBM, OR -9 DBM. MODEM INFO, BLOCK DIAGRAM. #ECR9600, \$14.95



IMPRINTER LOGIC BOARD, THREE 1200 VOLT 4 AMP TRIACS DRIVEN BY CONTACTS OF THREE 12 VDC REED RELAYS. ALSO HAS 2/4003 SHIFT REGISTERS, EIGHT DARLINGTONS, EIGHT PNP'S. 3/9002, AND A 4049 HEX BUFFER/CONVERTER. W/BLOCK DIAGRAM. 10x4, #ECR9060, \$9.95

CONTROL CIRCUIT BOARD WITH

C4004 4-BIT MICROPROCESSOR, 2/4003 SHIFT REGISTERS, 3/4002 RAM'S, AND 8/4001 ROM'S. ALSO A 4.704 MHZ CRYSTAL, FIVE OTHER IC'S FOR CLOCK AND GATING, 12 IC SOCKETS, BLOC DIAGRAM. 10x5, 3 LBS. #ECR9620, \$17.95

MICROCOMPUTER POWER SUPPLY

USES TWO 3-TERMINAL REGULATORS AND A 723 WITH TIP3055 TRANSISTOR. INPUT: 115 VAC 60 HZ; OUTPUT: -25 VDC 180 MA; -5 VDC 800 MA, -15 VDC 1.25 AMPS. WITH SCHEMATIC. SIZE: 3x5x4; SHPG. WT: 10 LBS. #ECRPS-744, \$15.00



CREDIT CARD SCANNER, USES AN OPTICAL SYSTEM TO READ THE RAISED NUMBERS OF A CREDIT CARD INTO IN PHOTO ARRAY. HAS SMALL AC MOTOR TO DRIVE CARD THROUGH THE READER. ALSO LIGHT AND PLASTIC OPTICS, TWO ROCKWELL IC'S 10561 AND 15120. WITH DIAGRAM OF CONNECTOR WIRING. 5x5x4, #ECR2020, \$8.95.

20-KEY KEYBOARD

5/8" SQUARE BUSINESS KEYS WITH CHARACTERS: 0 THRU 9, CLR, RST, CRED, CASH, IMP, SEND, RET, CODE, \$, AND ACCT. TWO BUSES: ONE FOR NUMBERS; THE OTHER FOR INSTRUCTIONS. SIZE: 4x4 1/2; WT: 2 LBS. #ECR4835, \$3.95

ECR COMPONENT PACKAGE DEAL

THE ABOVE SEVEN ITEMS WITH AN ECR-PREFIX WERE ORIGINALLY COMPONENTS OF AN ELECTRONIC CARD READER SYSTEM. THEY MAY BE PURCHASED INDIVIDUALLY AS MARKED OR TOGETHER AS A PACKAGE FOR \$59.50.

MAGNETIC RECORDER



PERFEC MODEL 7580-9 MAGNETIC DIGITAL RECORDER. USES NINE CHANNELS: 8-BIT DATA, 1-BIT PARITY. DISCRETE TRANSISTOR AND TTL CIRCUITRY ALLOWS FOR THE FOLLOWING FUNCTIONS:

LOAD, FORWARD, REVERSE, REWIND, WRITE-ENABLE, AND WRITE-LOCKOUT. RECORDER HAS INTERNAL POWER SUPPLY WHICH PROVIDES +5 VDC REG., -5 V REG., +13, -13 VDC, AND 22 VAC. REELS DRIVEN BY TWO 24 VDC MOTORS. CAPSTAN DRIVEN BY 24 VDC MOTOR TACHOMETER. ALL CONTROLS ARE DIRECTED BY LOGIC. NO COVER. SIZE: 8x19x9 1/2 SHPG. WT: 35 LBS. USED, \$150.00

PAPER TAPE READER



SUPERIOR ELECTRIC PAPER TAPE READER; 8-CHANNEL ENCODING, 100 CHARACTERS PER SEC. TTL OUTPUTS AND HANDSHAKE. HAS 5.4 VDC 1.5 AMP 200 STEP/REVOLUTION STEPPING MOTOR AND TWO 120 VAC 50-60 HZ

1000 RPM SYNCHRONOUS STEPPING MOTORS. CIRCUIT BOARDS IDENTIFIED AS 4-STEP TRANSLATOR, AMPLIFIER AND INVERTER, INTERFACE BOARD, RECEIVER AND DRIVER. USES STANDARD 1" TAPE. 20x10x16; SH WT: 50 LBS. USED, W/COVER, \$145.

COMPUTER TERMINAL

795 VIDEO DISPLAY, CONVERTIBLE INTO A GRAPHICS TERMINAL AS DESCRIBED IN IN SEPT. '76 ISSUE OF 73 MAGAZINE. CONSISTS OF 12" DIAGONAL MAGNETICALLY DEFLECTED CRT, INTERNAL DC-TO-DC CONVERTER, 10 KV SUPPLY, HORIZONTAL AND VERTICAL DEFLECTION AMPS, AND INTERNAL MUFFIN FAN. WITH CONTROLS FOR INTENSITY, HORIZ. AND VERT. GAIN/POSITION. REQUIRES 115 VAC 60 HZ. POWER CONNECTOR NOT AVAILABLE. SIZE: 15x17x21; SH WT: 100 LBS., 75 LBS. NET. USED, \$59.50



CONTROL ASSEMBLIES ON 9x4 HEATSINK. USED, EXCELLENT YIELD ON SEMICONDUCTORS. SHPG WT. 4 LBS EA. SIMILAR TO PICTURE ORDER BY NUMBER

TRANSISTOR CONTROL ASSEMBLY WITH DIODES

8/TO-3 60V (SIMILAR TO 2N3055) AND 8/TO-66 (SIMILAR TO 2N3054) 60V TRANSISTORS, 8/0.4 OHM 5W AND 8/30HM 3W RESISTORS, 8/DO-4 DIODES WITH INSULATED MOUNTING HARDWARE. #7729 \$5.75

TRANSISTOR CONTROL ASSEMBLY, CONTAINS 8/TO-3 AND 8/TO-66 AND EMITTER RESISTORS AS ABOVE. SMALL DIODES AND RESISTORS #0425 \$5.00

CONTROL CLUTCH ASSEMBLY AND HEATSINK 9x4 IN. 8/100V TO-3 AND 2/60V TO-66 TRANSISTORS. FIVE 0.4 OHM 10 W RESISTORS, MORE. #095-8139 \$4.00

SOLENOID DRIVER ASSEMBLY WITH 6/70MFD 300V CAPACITORS, 6/ 60 OHM 3% 10WATT DALE RESISTO TRANSISTORS AND DIODES. 3LB #340C4587 \$3.50

SOLENOID DRIVER ASSEMBLY WITH 4 TO-3 100V GERMANIUM TRANSISTORS ON HEATSINK, 4/110MFD 75 VOLT CAPACITORS, EMITTER RESISTORS AND OTHER COMPONENTS. 4LB #340D3068 \$1.00

REED RELAY



REED RELAY BOARDS LISTED BELOW CONTAIN 12VDC REED RELAYS AND ASSOCIATED COMPONENTS. ORDER BY BOARD NUMBER. SH WT. 3 LBS.

- #5336 1/DPST, 4/5PST, 2/4PST, MERCURY WETTED RELAY SPDT, 26 DIODES. \$3.95
- #5341 3/4PST, 3/3PST, 2/2PST, 5PST, MERCURY WETTED SPDT, 23 DIODES \$4.95
- #5346 12/SPST, DPST, 2/DPST MERCURY WETTED. 5 TRANSISTORS, 51 DIODES, 3/25MFD 50V 47 MED 35V \$5.95
- #5351 10/SPST, 10/DPST, 90 DIODES \$7.95
- #5361 3/DPST, 4/SPST, MERCURY WETTED SPDT 6 TRANSISTORS, 24 DIODES, CAPACITORS DIODES, RESISTORS. \$3.95
- #998-0115153 4/3PST, 2/2PST, SPDT MERCURY WETTED RELAY, 22 DIODES. \$3.95
- #E40380 MAGNETIC REED SWITCHES with bias magnets on board; 68/board. \$4.95

REGULATOR AND PREREGULATOR CARDS, w/current limit and OVP. Not complete regulator. Has transistors, diodes, zeners, resistors, capacitors. Needs about -50 VDC f/preregulator. #RB4561-4, for 4 to 5 V. regulator, \$2.50 #RB6428-32, for 32 to 36 V. regulator, \$2.00 #RB-MISC, assortment of similar regulator cards, but none of the above, 4 for \$5.00

CRYSTAL CIRCUIT BOARD, 33.36 and 12 KHz crystals, ten potted coils. #650784L100, \$2.75

TALLY RECEIVER; 15 MINI-DIP 741, 2 IN SOCKET 723 VOLTAGE REG IN SOCKET, 4 TRANSISTORS, 6 TRIMPOTS, CAPACITORS, RESISTORS ETC SH WT 1LB #601740 \$3.95

TALLY LOGIC; 26/2N3643, 2N6027 3/324 TWO 16 PIN SOCKETS, 500MFD 75V, 2/200MFD 25V 4MINI POTS, RESISTORS, CAPACITORS, DIODES SH WT 2 LBS #691746 \$3.50

READ AND SWITCH CORE CURRENT SOURCE. 2/8v REFERENCE DIODES, 2 TRANSISTORS ON HEATSINK. 6 SECTION INDUCTOR, 75 OHM 25 WATT BHEOSTAT DALE 31 OHM 1% 25 WATT RESISTOR. SH WT 4 LBS #315CURRENT SOURCE \$2.50

*P.U.R. = PRICE UPON REQUEST



FLUORESCENT DISPLAY 12 DIGIT DG1001, 1 1/8 IN WITH 1/4 INCH DISPLAY, 27 TRANSISTORS AND ASSOCIATED RESISTORS AND CAPACITORS. SH WT 3 LBS #QP3666 \$5.95

14 DIGIT FLOURESCENT DISPLAY. CONSISTS OF 14 MG-17F 1 1/2 INCH TUBES WITH 3/8 INCH DISPLAY, 31 TRANSISTORS, 22 CAPACITORS, DIODES, RESISTORS. TUBES ARE ON PLUG-IN ASSEMBLY (22 PIN) 8x3 3/4x2 1/2. SH WT 3LB #QP-2704 \$4.95

NEON NUMERICAL DISPLAY, 3/4 INCH, 0-9, 16 TUBES ON PANEL. VOLTAGE REQUIRED 150-170VDC SIZE: 12x4, SH WT 3 LB. #N11AMCL48 \$1.95

TWELVE DIGIT FLUORESCENT DISPLAY #POS2, 3/8" DIGITS WITH CHARACTERS 0 THRU 9, -, ., ' AND DECIMAL POINT. TUBES ABOUT 2" HIGH. ALSO 2/M5812 COUNTER IC'S, 27 TRANSISTORS, AND OTHER PARTS. 9x8x2 1/2, SHPG. WT: 4 LBS. \$6.95

DIODE MATRIX 34 X 20 CONTAINS 90 DIODES IN4004 OR EQUAL. 6x11 #005330 \$3.95

DIODE MATRIX 25 X 7, 23 TRANSISTORS, DIODES WITH 22 PIN SOCKET. 7x4 1/2, #2010200

CORE MEMORY ARRAY 2 SECTIONS EACH 52 X 52 BOARD SIZE 13x13x1 1/2 #2162301 5 LB \$3.95

SMALL CORE MEMORY ARRAY, 2 SECTIONS APPROX 65x15 EACH. 4 REED RELAYS 2/3PST, 2/5PST 7x4 1/2x1 #2006000 \$2.95

SWITCH NETWORK DIGITAL AND LINEAR IC BOARD. 3352.8KHZ CRYSTAL, 3/2 POLE 4 POS, AND 1/3P2P PC ROTARY SWITCHES. 4 MULTI TRN POTS. 38/72301 OP-AMPS, 2/MC1448, 944DC, 5/9016, 4/7408, 3/NE565, 7/195 2/SN29007, 2/74161, 2/74109, 3/7400, 2/7410 2/9602, SP380, SP363. 11x13 1/2, WT 5LB. SEVERAL HUNDRED RES, CAP, DIODE, #9825 \$8.95

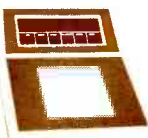
100 KHZ CRYSTAL BOARD; BLILEY HR-3 100.00KHZ CRYSTAL, 40 TRANSISTORS, RESISTORS, CAPACITORS ETC. 1 LB. #CUC2112000 \$3.95

VOLTAGE REGULATOR 3/723, 2/ TO-66 TRANSISTOR 4 TRANSISTORS, 9 TRIMMER RESISTORS, DICDE BRIDGE, THERMISTORS. #6200673 \$2.00

CONTROL BOARD 162407, FAIRCHILD TTL 95 IC'S 17/9002, 15/9003, 11/9009, 10/9007, 8/9016 25/9024, 2/9300, 9301, 9310, 3/9316, 2/4510 PRESETTABLE DECADE UP/DOWN COUNTER. 3LBS 9x11 1/2 #162407 \$5.95

FAIRCHILD IC'S 4/9002, 2/9015, 2/9016, 74180 3/9024, 2/9602, 9/2N2222, RESISTORS, CAPS, DIODES SH WT 2LB #C20050461 \$1.95

COMPUTER DATA ENTRY



DATA ENTRY KEYBOARD, USED ORIGINALLY FOR REMOTE ACCESS TO A COMPUTER FOR INVENTORY OR CREDIT CHECK. UNIT CONSISTS OF 16-BUTTON KEYBOARD WITH NUMBERS 0-9, INQ, ENTER \$, SEND, CHECK, DATA, AND A BLANK. LOGIC CIRCUIT BOARD FEATURES A CV1412B1 CHIP. DIGIT DISPLAY BOARD HAS TEN LED'S INCLUDING FOUR 7-SEGMENT FND70351 READOUTS WITH SPACE FOR FOUR MORE. SET IN RUGGED PLASTIC HOUSING. REQUIRES 20-CONTACT CONNECTOR FOR POWER AND COMPUTER ACCESS. NOT GUARANTEED OPERATIONAL. 6 1/2x8 1/2x3, 6 LBS. #DATA-4105, USED, \$10.95

P C CARD RACK



PC CARD RACKS FOR 4 1/2 x 6 1/2 DOUBLE SIDE CARD. 1/16x1/32 W W PINS. CR735; 38 CARD GUIDES WITH 33 22 PIN DOUBLE EDGE CONNECTORS 13x18x9 WT 15LB #CR735 \$18.00

I C SOCKETS

I.C. THREE LEVEL WIRE WRAP SOCKETS
 14 PIN WIRE WRAP 35¢ EA. 6/\$2.00
 40 PIN WIRE WRAP 40¢ EA. 6/\$2.00
 14 PIN P.C. 25¢ EA. 5/\$1.00
 16 PIN P.C. 28¢ EA. 5/\$1.00

COMPUTER POWER SUPPLIES

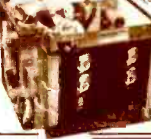
SOLID STATE POWER SUPPLY RATED CONSERVATIVELY AND CONSTRUCTED ON RUGGED STEEL FRAME. UNITS HAVE FRONT VOLTAGE ADJUST ±10%, RUNNING LIGHT, AC RESET. ALSO FEATURED IS ADJUSTABLE CURRENT LIMITING AND ADJUSTABLE OVERVOLTAGE PROTECTION. POWER INPUT 115V 60 HZ. REMOVED FROM EQUIPMENT GOOD CONDITION. AC POWER INPUT PLUG \$2.00



RATING	SIZE	SH WT.	No.	PRICE
4v 30A	15 1/2x13 1/2x7	65 LBS.	926	\$30.00
12v 5A	16x9 1/2x7	35	655	37.50
30v 3A	15 1/2x19 1/2x7	38	889	27.50
20-24v 5.5A	20x9 1/2x7	47	332	39.95

DUAL POWER SUPPLY, SAME STYLE AS ABOVE UNITS. -32-36 V 14.7 A AND -32-36 V 10.3 A. TWO INDEPENDENT REGULATORS WITH COMMON BUSS. SIZE: 20x14x12; SH WT: 125 LBS. #450, \$60.00

24 VDC 20 AMPS HARMONIC REGULATED, HEAVY CONSTRUCTION. 24 VDC 30 A. INTERMITTENT. 20x13 1/2x7, 100 LBS. #4501, \$29.95



CASH REGISTER POWER SUPPLY WITH 6 VDC GEL-CELL BATTERY OUTPUT FOR MEMORY. ALSO +6, +10, +15, AND -24 VDC FROM 115 VAC INPUT. 8x8 1/2x7 1/2; 22 LBS. SH. ORIGIN ELEC. #008-0202550A, UNUSED, \$75.00



12 VDC 4VDC 17.5A

12VDC 3.5 AMPS AND 4VDC 17.5 AMPS WITH CURRENT LIMITING AND OVER VOLTAGE PROTECTION. THE 4 VOLT OUTPUT WILL ADJUST TO 5 VOLTS. SIZE: 14x8 1/2x6 SH WT 35 LBS. 115V 60 HZ. USED EXCELLENT COND. #9566WC \$30.00

POWER SUPPLY SAME AS #9568 ONLY LESS REGULATOR CARDS. HAS OUTPUT TRANSISTORS AND HEATSINKS. AN EXCELLENT FOUNDATION \$20.00

32-36 VDC 4.8 AMPS; CONVERSION INFO FOR 12-36 VDC OPERATION INCLD. WITH ADJUST. CURRENT LIMITING AND OVP; 5" COOLING FAN. 9 1/2x6 1/2x19; SHPG. WT: 37 LBS. #32-36V-4.8, \$24.95



OPEN FRAME REGULATED



COMPUTER POWER SUPPLY TRANSISTOR REGULATED OPEN CONSTRUCTION WITH ADJUSTABLE VOLTAGE 20% AND CURRENT LIMITING UNITS WHERE OVP IS

NOTED ALSO HAVE ADJUSTABLE OVERVOLTAGE PROTECTION. UNITS ARE IN GOOD CONDITION-REPAIRABLE. ORDER BY RATING AND PART NUMBER.

RATING	SIZE	SH WT.	No.	PRICE
5v 2A	14x4 1/2x5	16	1C12-01	\$10.95
5v 4A	"	16	1014-33	14.95
8v 4A OVP	"	16	1014-21	14.00
12v 3A OVP	"	16	1014-22	25.00
12v 6A OVP	14x8 1/2x5	23	1018-32	35.00
12v 6A OVP	"	23	1018-22	37.00
30v 3A	"	23	1018-23	22.50
30v 3A OVP	"	23	1018-33	25.00
35-40v 500W OVP	14x8 1/2x5, 60 LB.		1037-12	\$35

PS601301 TRANSISTOR REGULATED POWER SUPPLY produces independent +12 VDC 2.7 A. and -12 VDC 1 A. outputs w/overvoltage protection which can be used in series. Also -6.6 V 300 ma output. 9 1/2x5 1/2x7; 16 lbs. Used, \$14.95



MULTI-VOLTAGE POWER SUPPLIES. THE FOLLOWING POWER SUPPLIES HAVE HARMONIC REGULATED POWER TRANSFORMERS.

SOME OUTPUTS ARE ALSO TRANSISTOR REGULATED.
 PS736 HAS THE FOLLOWING OUTPUTS: 30v 0.5A 30v 1A, 10v 4A REG., 10v 4A REG., 3.6v 1A REG. THE OUTPUTS ARE INDEPENDENT OF EACH OTHER. 22x6 1/2x6. SH WT 30LBS #2090200 \$14.95

PS735 HAS THE FOLLOWING OUTPUTS: 30v 0.5A 30v 1A, 10v 0.5A, 10v 1A. 10v OUTPUTS ARE TRANSISTOR REGULATED. 22x6 1/2x6. SH WT 30LB. PS-55685. \$11.95

SEIKI PRINTERS

EP-101 SHINSHU SEIKI DIGITAL PRINTER; 21 COLUMN PRINTER, PRINTS CHARACTERS 0 THRU 9, #, -, OVERFLOW, PROGRAM, PLUS OTHER SPECIALIZED SYMBOLS. USES 3 1/2" WIDE PAPER; PRINTS 2.8 LINES/SECOND. PARALLEL DATA ENTRY. MOTOR REQUIRES 17 VDC (±3 VDC). SIZE: 4x6 1/2x5-3/8; SHPG. WT: 7 LBS. USED, REMOVED FROM EQUIPMENT. GOOD CONDITION, \$15.

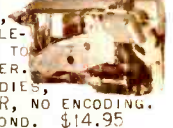


DATA KEYBOARD



KEYBOARD HAS 49 KEYS PLUS SPACE BAR. EACH KEY SWITCH HAS INDIVIDUAL CONTACTS. UNIT ALSO HAS ELEVEN 10 V. LAMPS, 2" SPEAKER, TWO MINI-TOGGLE SWITCHES, SODECO 24 VDC RESETTABLE COUNTER, AND 3 FT. CABLE. DOES NOT HAVE DECODING ELECTRONICS. 14x7 1/2x3 1/2. #KEY735, \$22.

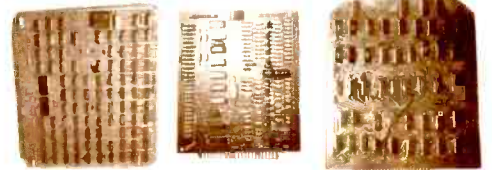
EIGHT LEVEL PAPER TAPE PUNCH, SIMILAR TO THOSE USED ON TELETYPE MACHINES. COULD BE USED TO MAKE TAPES FOR THE TAPE READER. UNIT CONSISTS OF SOLENOIDS, DIES, AND DRIVE MECHANISM, NO MOTOR, NO ENCODING. 8x5 1/2x5 1/2, SH WT 6 LBS. GOOD COND. \$14.95



MICROPROCESSOR CIRCUIT BOARD CONTAINS C4004 P CHANNEL MICRO PROCESSOR, 4/P4001 256x8 BIT PROGRAMMABLE ROM, 2/P4002 320 BIT RAM AND 4 BIT OUTPUT PORT, 3/P4003 10 BIT SERIAL IN/PARALLEL OUT, SERIAL OUT SHIFT REGISTER. ALSO HAS 53 TRANSISTORS ON BOARD. 6 1/2x6 1/2 SH WT 2 LB. #IC-07

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CMOS TTL



CMOS #84293; 3/4001, 2/4002, 5/4009, 2/4010 4/4011, 2/4012, 7/4013, 4021, 2/4022, 7/4023 2/4025, 2513 A 64x8x5 CHARACTER GENERATOR 7417. 9x7 1/2, SH WT 2LBS #84293 \$7.50
CMOS-K1; 6/4008, 4/4009, 4/4011, 2/4012 7/4013, 9/4016, 5/4022, 2/4023, 4024, 5/4040 9x7 1/2, SH. WT. 2 LBS #CMOS84292 \$6.95
CMOS #14007; 4/4001, 2/4011, 2/4013, 4042, 4558 DUAL OP-AMP, 23 TRANSISTORS, MANY RESISTORS, CAPACITORS. 1 LB #14007 \$2.95

IC BOARD #595254; 3/9322 QUAD 2 INPUT MULTIPLEXER, 7402, 7404, 7406, 7410, 3/7438, 741, 7442. 1 LB #595254 \$1.95

IC BOARD #594747; 8/7451 DUAL PERIPHERAL AND DRIVER, 7438, 7424, 74121, 7404, 6/7400, 7402, 7414, TRANSISTORS, RESISTORS, DIODES CAPACITORS 2 LB #594747 \$2.95

ENDORSOR DRIVER 4/DM8851 DUAL RETRIGGERABLE MVBR, 7474, 9109 HIGH VOLTAGE HEX INVERTER, 2/7400, 7420, 7406, 18 BYPASS CAPACITORS, TO-3TRANSISTOR ETC 1 LB #484-0001801 \$1.50

CARD READER CONTAINS A TEN SECTION SPST DUAL IN LINE SWITCH, A 8 POSITION MINATURE PC ROTARY SWITCH; 5/7400, 4/7404, 7/7408, 5/7410 4/7420, 7437, 74109, 3/74157, 74180, 9602 2/N82562, 2/SN29301, NCR 94, 8 IC'S NO CROSS REFERENCE. SH WT 2LBS #315-0529449 \$3.50

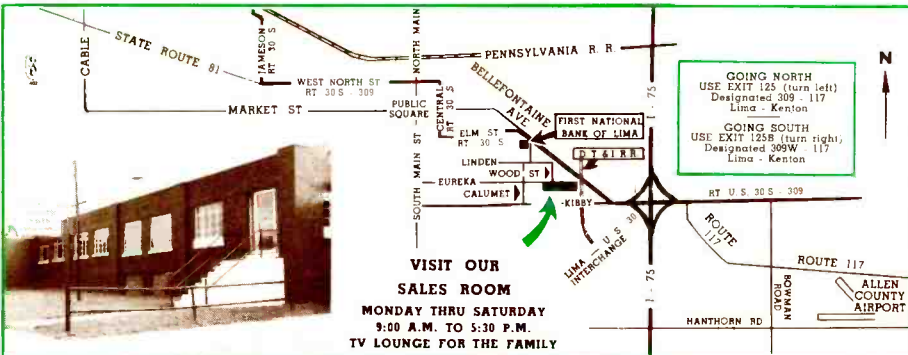
TTL CIRCUIT BOARD 2/7400, 7402, 2/7408, 7410/2 2/74109, 3/ 9016, 3/9602, NE565, CAPACITORS RESISTORS, DIODES. #095-0300644 \$1.00

HAMMER CONTROL MRTL IC'S MC817, 4/MC824, 4/MC889, MC892, 2/50K TEN TURN POTS 20 TRANSISTORS, RESISTORS ETC. #2144500 \$1.00

TIMER-COMPARATOR, IC'S 2/NE555V, 2/LM339 8/7400, 4/7404, 3/7408, 2/7410, 2/7411, 3/7474, 5/7493, 2/74123; TWO 5K TRIMPOTS, 7 1/2x8, \$3.

IBM 2315 CARTRIDGE \$15.00

22 PIN DOUBLE SIDE P C BOARD SOCKETS, SOLDER STYLE, REMOVED FROM EQUIP \$1.00EA



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SCOPE FOUNDATION



TS-1273 OSCILLOSCOPE, originally the display unit for a radar test set, but appears to be a good foundation for a compact scope. Features a 3" sq. flat-face (4MFL) CRT. 50 Hz-6 Mhz response; 0.05 u-sec risetime. Input attenuation ranges: .05, .1, .2, .5, 1, 2, 5, 10, and 20 v/inch. Selectable input imped: 7 megohms (approx) or 75 ohms. Controls for vertical, horizontal, astig., focus, intensity, vert. attenuator, and impedance. With CRT shield, bezel, and tubes 4MFL, 2/1V2, 5/5814, 2/6B5. No sweep generator, horiz. amp, or blanking circuits. Requires 250 VDC deflection volts, +1500 and -1500 VDC high voltage originally supplied from internal oscillator type source. Schematic incld. 17x4x8; 12 lbs. sh. Used, w/all tubes, \$30. #/4MFL only, \$25.

5/6 VDC POWER SUPPLY



5 or 6 VDC 6 AMP POWER SUPPLY with voltage adjust 4-7 volts. Transformer has 110/115 VAC primary, 18 V-CT secondary. Also 723 IC regulator, 2N3055, and MJE 3055. Design may vary; basic schematic included. Size: 5 1/2 x 5 x 3; 5 lbs. sh. #SPS-42, used, \$8.95 ea. 3 for \$21.00 #SPS-42-CL, used, with current limit, \$9.95 each; Three for \$24.00 **MORE POWER SUPPLIES, PP. 6, 10, 20, 35.**

POCKET KNIFE



TL-29 ELECTRICIAN'S POCKET KNIFE with 2 1/2" HIGH-GRADE CUTLERY STEEL BLADE AND 2 1/4" LOCKING SCREWDRIVER BLADE. HANDLE SIZE: 1/2" W x 5/8" H; FOLDED LENGTH: 3 1/4". RUGGED PLASTIC SIDES; MADE BY CAMILLUS. SHPP. WT: 1 LBS. UNUSED, \$5.95

SWR INDICATOR CIRCUIT



STANDING-WAVE RATIO INDICATOR CIRCUIT, assemble a SWR meter using this 1 1/2" square 0-10 scale (FS=2 MA) meter with filters and rectifiers and a modified Schering bridge. One pair of bridge arms is resistive, the other capacitive. In theory the bridge circuit is balanced when the antenna is tuned to 52 ohms resistive resulting in a zero reading on the meter. SO-239 connector. Bridge: 2x2x1; 2 lbs. #M701/CU-991, \$8.95

PHASE AND LOAD DISCRIMINATOR, could be useful in tuning an antennas system, if used in circuit with a sensitive zero-center microammeter. Phasing and loading discriminator produces DC voltages proportional to the reactance of a system. Phasing output shows the type of reactance (capacitive or inductive) and the loading's indicates the amplitude of impedance referenced to 52 ohms resistive. In both cases zero DC output is ideal (may not be obtained in practical circuit). A third output is proportional to relative antenna current. 2x3x3; 2 lbs. sh #T201/CU-991 w/diag., \$4.95



TMC SSB CONVERTER



CV-1758 SSB CONVERTER, same as TMC MSR-9. Used with 2-32 Mhz receivers with 455 Khz IF's such as R-368, R-390A, and SP-600JX. Operates upper and lower SSB, AM, CW, FSK, and FAX. Input voltage: 0.1 to 10 V-rms. Input impedance: 240K ohms. Bandspread: -3 Khz. Slow/Fast AVC speeds. Output remains constant within 9 DB with 40 DB change in input. Power required: 115/230 VAC 50-60 Hz. 5 1/2 x 19 x 13 1/2; 28 lbs, sh. Used, reparable, \$145.

DUMONT 304 SCOPE



DUMONT 304H OSCILLOSCOPE, has big 5" CRT (5CP1). DC to 100 Khz response; usable to 300 Khz. 100 MV full scale vertical sensitivity. Sweep: 2-30 Khz. Max. sweep rate: 1" per u-sec. Input impedance: 2 megohms paralleled by 50 pf. Graticule not included. Power required: 115/230 VAC 50-60 Hz 9x13x19; 65 lbs. sh. Used, reparable, \$45. 304H SCOPE shipped with SCP7 CRT, \$49.50

DUMONT 304A SCOPE, same as "H" model, but uses 5ADP1 flat-faced CRT. Used, rep., \$50. GRATICULE for 304A or H, \$5.00 **MANUAL** for 304A or H, partial repro., \$8.50

TS-505 VOLTMETER



TS-505/U VACUUM TUBE VOLTMETER with ranges 0 to 2.5, 5, 10, 25, 50, 100, 250, and 500 Vrms and VDC plus 1000 VDC scale. Also X1 thru X1 Megohm ranges. AC scale is peak indicating. Frequency response: 30 Hz to 5 Mhz. With AC, DC, and ohm probes. Power required: 115 VAC 60 Hz. 9 1/2 x 9 x 6; 17 lbs. sh. Used, reparable, \$45. Checked, \$60.00; RF probe to 500 Mhz, \$5.00

ANTENNA SWITCHING



SA-1474 ANTENNA SWITCHING DEVICE, low power, solid-state switching for receiver antenna, direction finding, or diversity receiving. Uses four MA47552 diodes plus four 2N3250 and two RCA #40343 transistors. Three type HN connections; mating HN connectors not available. In aluminum case with rubber gasket. 4 1/2" x 2-7/8" dia. 3 lbs. sh. Unused, \$7.95 **POWER CONNECTOR** for SA-1474, 5-pin, \$2.50



WESTERN MICROWAVE ICL-35A FERRITE ISOLATOR, 1.7-1.8 Ghz; 17 db isolation, 0.7 db insertion loss. 2 watt ave. Has male and female N connection. 2 1/2 x 3-3/8 x 1-1/8. Used, \$18.95

AUTOMATE COAXIAL SWITCH, MODEL 94CSA, used with above isolator. Two separate 28 VDC SPDT coils, each one side normally grounded. Two female TNC and one N connection. 3-3/8 x 1-1/8 x 3. Used, \$12.95. With ICL-35A isolator, \$25.

MAGNACRAFT



MAGNACRAFT #122RX-16 COAXIAL RELAY, 12-24 VDC SPDT with auxiliary SPST norm. open 10 A. contacts. 100 watts approx., 50 ohms. Has two RCA plugs and SO-239 connector. Encased with cover. 2 1/2 x 2 1/2 x 1 1/2; 2 lbs. sh. Unused, \$4.95 **MAGNACRAFT #123X-3 COAXIAL RELAY**, SPDT 12-24 VDC, 100 ohm coil; less than 100 watts. #/3 RCA plugs; no case. 2 1/2 x 1 1/2 x 1. Unused, \$3.95

CHANGEOVER RELAY



ANTENNA CHANGEOVER RELAY, originally used in 30 watt 2 meter transmitter. SPDT with unused contact grounded. 60 VDC 15 MA 4000 ohm coil. Three BNC connections. 2x1 1/2 x 2. #259-5165, \$7.95

AM-FM BROADCAST



R-853/URR AM-FM BROADCAST RECEIVER by Jetric. Designed for the entertainment of military personnel. Has slide-rule tuning; 6"x9" speaker. Controls for AM/FM-AFC/FM and tone. Walnut-finished pressboard construction. With tubes 6AB4, 6EJ6, 12AT7, 12AU6, 2/12BA6, 19T8, 35C5, and 35Z5. Power required: 115 VAC 60 Hz or 220 VDC. 12 1/2 x 16 x 8; 15 lbs. sh. Price: Used, reparable, \$19.95

AMATEUR RADIO

1978 ARRL RADIO AMATEUR'S HANDBOOK, reference source of nearly 700 pp. Special Price, \$4.50 **1979 ARRL RADIO AMATEUR'S HANDBOOK**, \$9.75

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CATALOG WS-78

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INFORMATION
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MAGNETIC RECORDER



PERTEC MODEL 7580-9 MAGNETIC DIGITAL RECORDER. USES NINE CHANNELS: 8-BIT DATA, 1-BIT PARITY. DISCRETE TRANSISTOR AND TTL CIRCUITRY ALLOWS FOR THE FOLLOWING FUNCTIONS: LOAD, FORWARD, REVERSE, REWIND, WRITE-ENABLE, AND WRITE-LOCKOUT. RECORDER HAS INTERNAL POWER SUPPLY WHICH PROVIDES +5 VDC REG., -5 V REG., +13, -13 VDC, AND 22 VAC. REELS DRIVEN BY TWO 24 VDC MOTORS. CAPSTAN DRIVEN BY 24 VDC MOTOR TACHOMETER. ALL CONTROLS ARE DIRECTED BY LOGIC. NO COVER. SIZE: 8 $\frac{1}{2}$ x19x9 $\frac{1}{2}$ SHPG. WT: 35 LBS. USED, \$150.00

VIDEO TERMINAL

795 VIDEO DISPLAY TERMINAL, 7x10" MAGNETICALLY-DEFLECTED CATHODE RAY TUBE. HAS INTERNAL 115 VAC 60 HZ PDW-ER SUPPLY WHICH PROVIDES 15 V 2 AMPS, -15 V. 2 A, AND 4.5 V. 2 A. WITH INTERNAL DC-TO-DC CONVERTER, 10 KV SUPPLY, HORIZONTAL AND VERTICAL DEFLECTION



AMPLIFIERS, AND INTERNAL MUFFIN FAN. ALSO CIRCUIT CARDS FOR POSITION AND UNBLANKING (39 TTL'S), TWO DIA CONVERTERS, AND INTEGRATOR AND LINE RECEIVER, CONTROLS FOR ON/OFF/INTENSITY, VERT-GAIN/POSITION, AND HORIZ. GAIN/POSITION. UNIT IS RUGEDLY CONSTRUCTED. INCLUDES GOOD CRT AND POWER SUPPLIES AND EXTERIOR COVERS. SIZE: 15 $\frac{1}{2}$ x17 $\frac{1}{2}$ x21; SHPG. WT: 100 LBS. ACTUAL: 70 LBS. USED, \$59.50

PAPER TAPE READER



SUPERIOR ELECTRIC PAPER TAPE READER; 8-CHANNEL ENCODING, 100 CHARACTERS PER SEC. TTL OUTPUTS AND HANDSHAKE. HAS 5.4 VDC 1.5 AMP 200 STEP/REVOLUTION STEPPING MOTOR AND TWO 120 VAC 50-60 HZ 1000 RPM SYNCHRONOUS STEPPING MOTORS. CIRCUIT BOARDS IDENTIFIED AS 4-STEP TRANSLATOR, AMPLIFIER AND INVERTER, INTERFACE BOARD, RECEIVER AND DRIVER. USES STANDARD I" TAPE. 20 $\frac{1}{2}$ x10x16 $\frac{1}{2}$; SH WT: 50 LBS. USED, W/COVER, \$145. MORE COMPUTER SURPLUS, PAGES 34, 35, & 36.

OS-8 OSCILLOSCOPE

OS-8/U OSCILLOSCOPE WITH 3RPI CRT HIGHLY PORTABLE UNIT HAS DC TO 2 MHZ VERTICAL RESPONSE; DC TO 500 KHZ HORIZONTAL. VERTICAL AND HORIZONTAL SENSITIVITY: 0.075 V-RMS FOR 1" DEFLECTION. SWEEP RANGE: 3 TO 50 KHZ. INPUT IMPEDANCE; 9 MEGOHMS SHUNTED BY 11 MMF (DC). DIRECT ACCESS TO VERTICAL AND HORIZONTAL PLATES. POWER REQUIRED: 115 VAC 50-1000 HZ. SIZE: 9x6x13 $\frac{1}{2}$; SH WT: 20 LBS PRICE: USED, REPARABLE, \$44.50; CHKD. \$69.50 TEST EQUIPMENT; SEE PAGES 31 THRU 34, & 36.



VINTAGE RADIO BOOKS



VINTAGE RADIO 1887-1929, A PICTORIAL STORY OF THE EARLY YEARS OF RADIO AND WIRELESS. 1000+ PICS; 263 PP. SOFTBOUND, \$8.95
1921-1932 RADIO COLLECTOR'S GUIDE; INFO ON THE OLD RADIOS FOR THE COLLECTOR. COVERS OVER 9000 RADIO MODELS BY 1100 MFG. 263 PP. SOFTBOUND, \$6.95

MOST-OF-TEN-NEEDED 1926-1938 DIAGRAMS; REPRINT OF BREITMAN'S SUPREME PUBLICATIONS BOOK OF SCHEMATICS FOR 600 RADIOS. 240 PP. SOFT-. \$7. SEE PP. 23, 34 FOR MORE BOOKS & TECH MANUALS

KSR TELETYPEWRITER



KSR-33 TELETYPEWRITER AND KEYBOARD, CAN BE ADAPTED FOR VARIOUS RTTY AND COMPUTER APPLICATIONS. SPEED: 100 WORDS PER MINUTE; 600 OPERATIONS PER SECOND. HAS THE FOLLOWING FUNCTIONS: CARRIAGE RETURN, LINE FEED, SPACE, AND SHIFT. UTILIZES ASC-11 CODE WITH PARITY BIT. TAKES 8 $\frac{1}{2}$ " SPROCKET-FED PAPER. THIS IS A STANDARD ITEM; PARTS ARE AVAILABLE FROM A NUMBER OF SOURCES. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 8 $\frac{1}{2}$ x18 $\frac{1}{2}$ x18 $\frac{1}{2}$; SHPG. WT: 50 LBS. USED, OPERATIONAL, BUT MAY REQUIRE SOME ADJUSTMENT. LESS COVER, \$250. W/COVER, \$300.

ROTARY INDUCTORS

ROTARY INDUCTOR, 103 UHY; 61 TURNS OF #10 TINNED-COPPER WIRE FORM 8 $\frac{1}{2}$ "L x 3-3/8" DIA. COIL. SLIDING CONTACTOR TYPE; WITH COUPLER FOR 1/2" DIA. SHAFT. OVERALL SIZE: 8x8x14; SHPG. WT: 21 LBS. #939-L6-LG, USED, \$30.00



ROLLER INDUCTOR, 13.8 UHY; 24 TURNS #12 T-C WIRE IN 3 $\frac{1}{4}$ "L x 2" DIA. COIL. ROLLER CONTACTS; LESS COUPLER. SHAFT: 3/8"L x 1/2" DIA. OVERALL SIZE: 3x5x6; SHPG. WT: 8 LBS. #939-L44-MED USED, \$12.95

ROLLER INDUCTOR, 1.3 UHY; 5 $\frac{1}{2}$ TURNS #12 T-C WIRE IN 1-1/8"L x 2" DIA. COIL. ROLLER CONTACTS; LESS COUPLER. 3/8"L x 1/2" DIA. SHAFT. OVERALL: 3x5x4; SHPG. WT: 8 LBS. #939-L5-SM, USED, \$6.95

100-TURN COUNTER WITH CRANK. TURNS FROM 0.1 TO 99.9; 3"x3" FRONT PLATE; 2 $\frac{1}{2}$ "L x 1/2" DIA. SHAFT WITH COUPLER. SHPG. WT: 3 LBS. #939-FREQ, USED, \$3.95



ROTARY INDUCTANCE TUNER COIL THIRTY TURNS OF TINNED COPPER WIRE AROUND A 2" DIA. x 3" DIA. ISOLANTITE FORM; 23 U-HY 100 WATTS APPROX. 1/2" DIA. SHAFT FOR COUPLING. SIZE: 5x3x3 $\frac{1}{2}$; SHPG. WT: 3 LBS. #AC55471, \$10.

CERAMIC FLEXIBLE COUPLINGS, USABLE W/TUNERS. #COUN006; 2x2 CROSS-TYPE, F/3" SHAFT, \$5.99 #COUN007; 1-5/8" DIA. x 1/2", F/1" SHAFT, \$3.39 #COUN008; 2-5/8" DIA. x 1/2", F/3/8" SHFT. \$7.99

SSB CONVERTER

CV-157/U/R SINGLE SIDEBAND CONVERTER FOR USE WITH THE R-390A OR EQUIVALENT RECEIVER. ALLOWS FOR RECEPTION OF SSB SIGNALS OCCUPYING 12 KHZ OF RF SPECTRUM DIVIDED INTO TWO 6 KHZ SIDEBANDS ON BOTH SIDES OF A REDUCED CARRIER OR AM OR PHASE MODULATED DOUBLE SIDEBAND SIGNAL. CONVERTER WILL HANDLE 12 RADIO TELETYPE CHANNELS; OR SIX RADIO TELETYPE CHANNELS AND SIMULTANEOUS VOICE CHANNEL; OR TWO VOICE OR TWO FACSIMILE CHANNELS. INPUT FREQUENCY: 450-510 KHZ. CONVERTER IF CENTER FREQ: 100 KHZ. POWER REQUIRED: 115 VAC 50-60 HZ. SIZE: 15 $\frac{1}{2}$ x19x15; SHPG. WT: 175 LBS. USED, EXCELLENT. NOT CHECKED, \$150.



RECEIVERS & XMITTERS P. 4, 6, 7, 18, 19, 24, 25, 36.

2000 VCT 500 MA

2000 VCT 500 MA (700 MA INTERMITTENT); 7x5 $\frac{1}{2}$ x5; SHPG. WT: 32 LBS. #SS-HW-201-P, USED, \$27.50
900 VCT 250 MA; 4 $\frac{1}{2}$ x4 $\frac{1}{2}$ x3 $\frac{3}{8}$; SHPG. WT: 15 LBS. #SS-S-P243, USED, \$9.95
MORE TRANSFORMERS ON PAGES 12 THRU 14.



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 WESTON 643
 4 1/2" OR EQ.
 MFG. PT. NO. 205007 NEW
 STK #6625-557-0899 \$8.95

OUTPUT METER
 FOR TS-497B AND
 TS-497C SIGNAL
 GENERATORS.
 300-0-300 DC
 MICROAMPS. 3 1/2" RD.
 MARION HS-3, #5705 NEW \$7.95

EDGE-WISE METER
 0-100 D.C. MA.
 FULL SCALE 20 MA
 2 1/2x3 1/2x3/4 FACE
 INTERNATIONAL 1135ULB \$5.95

MATCHED METERS CHROME PLAT
 ED 2 1/2" SQUARE, 2" HOLE MTG.
 0-30 VOLTS DC #1046A-12
 \$1.95
 DC AMPERES 400-0-400 SCALE
 INDUCTION TYPE MOVEMENT.
 #1696-19 \$1.95

PIC #1 SCALES: OHMS 0-INF.
 DCV 0-15, ACV 0-50, PP 0-40
 0-150 DB-10-7-9+ FS=200 U/A
 HEATH VTVM #407-62 N \$12
PIC #2 SCALES: 1 SW TO 0 #2
 0-150 FS=750 U/A 4x4 1/2 SC#
 202130-139 FS#0562 N \$10
PIC #3 SCALES OHMS 0-1000,
 vdc 0-3/0-10, vac 0-30/0-10
 4 1/2"x4 1/2" #0752 NEW \$10
 I-176 TEST UNIT METER FOR
 MULTIMETER #8347 NEW \$15.

1016 E. EUREKA
 BOX 1105, LIMA, OHIO 45802
 TEL: AREA CODE 419 227-6573
 STORE HOURS
 9:00 A.M. TO 5:30 P.M.
 MONDAY THRU SATURDAY

TERMS
 PRICES NET, F.O.B. LIMA, OHIO
 SEND CASH, CHECK or MONEY
 ORDER with PURCHASE ORDER.

MINIMUM ORDER \$5.00
 Orders less than \$5.00
 ADD \$1.00 HANDLING CHARGE
 Include sufficient money for
 shipping charges. (UNUSED
 PAYMENTS RETURNED AT
 ONCE.) Otherwise we will send
 shipping charges collect.

C. O. ORDERS. SEND 25% OF
 PURCHASE with ORDER BAL-
 ANCE will be COLLECTED
 UPON DELIVERY.

When writing for information
 PLEASE state what specific
 information you desire.

DESCRIPTIONS
 ALL MATERIAL OFFERED IN
 THIS CATALOG IS IN "USED-
 COMPLETE" CONDITION, UN-
 LESS QUALIFIED AND/OR
 NOTED AS "RECONDITIONED,"
 "UNUSED," OR "NEW."
 MERCHANDISE IS NOT OPER-
 ATIONALLY CHECKED UNLESS
 SPECIFIED AS "CHECKED."
 EQUIPMENT DESCRIBED AS
 "REPAIRABLE"--MEANING "A-
 BLE TO BE REPAIRED"--IS
 ELECTRO-MECHANICALLY COM-
 PLETE, BUT REQUIRES SOME
 TROUBLESHOOTING BY THE
 CUSTOMER.

AC VOLTMETERS

- 0-3VAC 3" RD. SUB PANEL MTG
 1000 P/V 2F8003-11 NEW \$7.
- 0-7.5VAC 3" RD. STD.
 WEST. CAY22237 NEW \$6.95
- 0-10VAC 2 1/2" SQ. OR RD. STD.
 WESTON 517 NEW \$5.95
- 0-30 VAC SCALE, 3 1/2" ROUND,
 WESTON 476, UNUSED, \$6.95
- 0-150VAC 2 1/2" RD. STANDARD
 GRO-3169 USED \$5.95
- 0-300VAC 2 1/2" RD. RUGGED.
 3F8300-72 USED \$4.95
- 0-300VAC 2 1/2" RD. STD. USED
 Sun422/MR25300ACVV \$3.95
- VAC SCALES 0-3/10/30/100 2 1/2
 "RD. FS-1.5V 07231 NEW \$4.95
- 0-50 VAC, 1000u/v, 3 1/2" SQ.
 WESTON 301, UNUSED, \$6.95

AC AMMETERS

- 0-100 U-AMPS AC, 2 1/2" RD.
 WESTON 506, UNUSED, \$6.95
- 0-25 MA AC, 3 1/2" ROUND,
 TRIPOLET 231S, USED, \$6.95
- 0-150 ACA, 3 1/2" RD. FS=5 AMP
 #3974, UNUSED, \$6.95
- 0-200 ACA, 2 1/2" RD., FS=5
 AMPS; RUGGEDIZED. SIMPSON
 155R, UNUSED, \$6.95
- 0-250-500 ACA, 3 1/2" RD.,
 FS=5 A. SUN 432, #4047, \$7.

D.C. MILLIAMPS.

- 0-1 DCMA MOVE. 0-150VDC SC.
 2 1/2" RD. RUGGED #8973 N \$4.95
- 0-2 DCMA MOVE 0-2 SCALE
 3 1/2" RD. RUGG. #4078 N \$6.95
- 0-80 DCMA SCALE
 2 1/2" RD. RUGG. #8274 N \$4.95
- 0-100DCMA 100MA. MOVE.
 3 1/2" RD. RUGG. #4265 N \$6.95
- 0-150 DCMA SC. USED
 3 1/2" RD. STD. CAY22061 \$5.95
- 0-200 DCMA SC. 2 1/2" RD. USED
 #MR25200DCMA \$3.95
- 0-200 DCMA SC. 3 1/2" RD NEW
 GE-CG22063 \$5.95
- 0-300 DCMA SC. 2 1/2" RD.
 GRO-300 USED \$4.95
- 0-500 DCMA SC. 3 1/2" RD.
 GRO-500 USED \$4.95
- 0-500DCMA 3" SQ.
 SIMPSON D092 USED \$4.95
- 0-750 DCMA 3" SQ. 2000 OHM
 P/V SIMPSON M27/750 U \$4.95

OTHER VALUES IN STOCK, WRITE

D.C. MICROAMPS.

- 0-200 D.C. MICRO-
 AMPERES, 3 1/2"
 ROUND. CENTER ADJ
 USTMENT. USED
 WE#167807 \$4.95
- 0-200 DC MICROAMPERES, 3 1/2"
 RD. RUGGEDIZED, MARION
 HS-3 #3981 NEW \$4.95
- 100-0-100 UA-DC, 2 1/2" RD.
 SEALED; HONEYWELL, U, \$4.95
- 50 UA MOVEMENT, SCALE -30,
 0, 150, POINTER AT ZERO, SEAL
 ED, 2 1/2" RD USED TRC30150 \$4
- 50 UA MOVE, SCALE 0-100 %
 MOD/PEAK VOLTS. SEALED
 2 1/2" RD USED TRC10050 \$4.00
- FS-100MUA, COLORED SCALE NO
 NUMERALS 2 1/2" RD. RUGGEDIZED.
 WESTON 1521/4967 NEW \$5.95

OTHER VALUES IN STOCK, WRITE

LP-GAS METER 2" HOLE MTG.
 CHROME 0-1VDC48560-2 \$1150
WATER TEMPERATURE METER 2"
 HOLE MTG. WITH HEAT SENSOR
 3/4" THREADED COUPLING AND
 6 FT. CABLE. SCALE 100-220
 KURZ&ROOT#157-E3-2003 \$5

BIG LOOK
 0-20 DCA SCALE
 50mv 3 1/2" N \$10.
 0-10 VDC SCALE;
 3 1/2", USED, \$10.
 0-500 MA/AC 3 1/2" #6775 \$15

D.C. VOLTMETERS

- 0-50 VDC EDGEWISE; 1/2 X 1 1/2"
 X 1 1/2. HONEYWELL, NEW, \$8.
- 0-1VDC SC. 2 1/2" RD. RUGGED
 FS-1V #0887 NEW \$5.95
- 0-10VDC SC. 2 1/2" RD. RUGGED
 #2979 NEW \$5.95
- 0-30 VDC, 2 1/2" RD. SEALED;
 DEJUR R230, USED, \$7.95
- 0-5 KV-DC, FS=1 MA, 3 1/2" RD.
 VARIOUS MFG. UNUSED, \$5.95
- 0-100VDC SC. 2 1/2" RD. RUGGED
 #9545 NEW \$5.95
- 0-50 VDC, 2 1/2" RD. WHITE OR
 BLACK FACE, USED, \$6.95
- 0-250VDC SC. 3 1/2" RD. 1000OHM
 P/V WESTON 301 USED \$5.95
- 0-300VDC SC. 2 1/2" RD.
 WESTON 506 NEW \$5.95
- 0-500VDC SC. 3" SC.
 #231-1624 Used \$5.95
- 0-500VDC SC. 2 1/2" RD. RUGGED
 FS-50MUA #683-9829 NEW \$5.95
- PEAK VOLTS 0-5/10/20 SCALES
 FS-500 UA 2 1/2" RD. UNUSED
 WESTON MODEL 1021 \$4.95

OTHER VALUES IN STOCK, WRITE

R.F. AMMETERS

- 0-5 ANT CURR. W/TRANS. COIL
 2 1/2" RD. M101/ART13 U \$5.95
- 0-15 RF 3" SQ. FS-1MA.
 SIMPSON 271 U \$8.95
- 0-500 WATTS; FS=
 50 MV-DC. 4x3 1/2;
 MOUNTS IN 2 1/2" DIA.
 HOLE. HONEYWELL
 MS3T, USED, \$8.95

SMALL METERS; 1 1/2"
 SQUARE. RUGGEDIZED.
 UNUSED, \$4.95 EA
 #7838; RECORD LEVEL
 INDICATOR, FS=250 UA, DEJUR
 #3538; 0-10, FS=1 MA, INTL.
 #2250; 0-250, FS=5 MA, BLK.
 FACE, SIMPSON 182.
 #0728; 0-10, FS=50 MV, BLK.
 FACE, WESTON 151.
 #7693; 0-10 SCALE, FS=1 MA,
 1 1/2" DIA., IDEAL S-100.

DC AMMETERS

- 0-5 ADC SCALE, 2 1/2" ROUND,
 WESTON 506, UNUSED, \$8.95
- 0-150ADC 3" SQ. 50 MV SHUNT
 REQ. #8397 NEW \$6.95
- 0-450ADC 1 1/2" SQ. 50 MV SHUNT
 REQ. 152049 NEW \$5.95
- 0-25 ADC SCALE, 3 1/2" ROUND,
 SIMPSON, UNUSED, \$8.95

SIMPSON Wide-Vue
 100-0-100 UCA,
 50-0-50 MV FS.
 1 1/2", NEW, \$8.
 0-100 DCA, 50
 MV FS, 1 1/2", \$8.
 100-0-100 UA-DC SCALE, 3 1/2";
 VARIOUS SCALE LABELS: LOCK,
 EQUALIZATION, ETC. USED, \$8

ELECTRONIC PHOTO-FLASH TUBE R4330
 SYLVANIA, OPERATING VOLTAGE 2250, 6 FLASHES PER/MIN
 100 WATT-SEC/FLASH MAXIMUM, PEAK LIGHT OUTPUT 12,000,000 LUMENS, INTERGRATED LIGHT OUTPUT 3500 LUMEN SEC. FLASH. \$10 OCTAL CER.SOC. 50¢

RECENT COMPUTER SURPLUS TRANSISTOR BOARDS
 BOARD #1: 100+ TRANSISTORS, PLUS DIODES, 1/2 WATT RES., INDUCTORS, TRIMPOTS, CAPS. 6"x8"
 4 EA. #1, \$3.00
 BOARD #2: 50+ TRANS., RES., CAPS., ETC. 5"x7"
 5 EA. #2, \$1.50
 BOARD #3: 150+ SILICON TRANS., ETC. 4"x6"
 4 EA. #3, \$3.00

CARTRIVISION COMPONENTS
FISH TANK
 FISHTANK OF ELECTRONIC COMPONENTS, P/O VIDEO TAPE SYSTEM. CONSISTS OF DEMODULATOR, SERVO-AMP, DROPOUT COMPENSATOR, PER/POST PROCESSOR DC POWER SUPPLY (115 V 60 HZ; OUTPUT -12/-12 LAMP REG, 5 VDC 1 AMP UNREG. MANY PARTS, 1C!)
 2 FOR \$25.
 FET, TRANSISTORS, TRANSFORMER VARIABLE RESISTORS, CAPACITOR MORE! SIZE 14x12x6 1/2 WT 15 \$14.95

TIMER BONANZA
 CARTRIVISION TIMER CONTROL, 115 VAC 60 HZ MOTOR W/SPDT CONTACTS; UP TO 8 HR. DELAY. 18 V. 200 MA TRANSFORMER; 12 VDC SPDT RELAY; SPDT & 4PDT (CENTER-OFF) SLIDE SWITCHES; SPST MICRO-SWITCH; TRANSISTORS, RECTIFIERS, ETC. \$1.95

Cermet Trimmer
 195/RJ12 CERMENT TRIMMERS
 1 1/2" RECTILINEAR 23 TURN.
 79¢ EACH. 2 FOR \$1.50

TYPE Y				TYPE P			
50	1K	250K	20K	500, 1K	10K, 50K	100K, 1MEG	
200	2K	10K	30K	TYPE L			
250	2.5K	20K	50K	50, 100, 1K, 200K			

GYROS & SYNCHROS
 TYPE A-4 COMPUTER GUN-BOMB-ROCKET SIGHT, WITH TWO GYROSCOPES—ONE HORIZONTAL AND THE OTHER VERTICAL. SYNCHROS 15DL1 AND 18DF1 SIGNAL ATTITUDE CHANGE OF THE GYROS. MONITOR INPUTS FOR PITOT AND STATIC WITH MANUAL ADJUST OF THE TRANSDUCER. WITH VARIOUS RELAYS, PARTS FOR THE EXPERIMENTER.
 SIZE: 10 1/2"x11"x8; SHPG. WT: 25 LBS. \$22.95
 BURROUGHS DIGITAL DISPLAY UTILIZING THREE NUMERICAL NIXIES (122P224). CAN BE ADAPTED INTO COUNTER, TIMER, OR SIMILAR. CONTACT CLOSURE MAY BE PRESET FROM 0 TO 499 COUNTS USING THE SELECTORS ON THE FRONT. INPUT PULSE: 24 VDC 0.5 MA OR 24-120 VAC WITH MAX. DURATION 160 MILLISEC. MAX. COUNT SPEED: 220 PER MINUTE. POWER REQUIRED: 115 VAC 60 HZ. 10 1/2"x6 1/2"x5; WT: 12 LBS. MDA#101S824, UNUSED, \$9.95

Cermet Trimmer

1/2" sq. M174/RJ22 1C, 2C, 5C, 1K, 2K, 5K, 10K, 25K, 50K, 100K, 200K, 250K, 500K, 1MEG. 59¢ 2/\$1	1/2" sq. M175/RJ22 2C, 5C, 1K, 2K, 5K, 10K, 100K, 200K, 250K, 500K, 1MEG. 59¢ 2/\$1	1/2" sq. M176/RJ22 1K, 10K, 1K, 20K, 25K, 50K, 100K, 200K, 250K, 500K, 1MEG. 59¢ 2/\$1	385 TYPE 50, 1C, 2C, 5C, 1K, 2K, 5K, 10K, 20, 250, 25K, 250K, 500K, 2C, 500, 39¢ EA. 3-\$1.00
1/2" sq. 170 TYPE 1C, 1K, 2.5K, 5K, 10K, 25K, 50K, 100K, 200K, 250K, 500K, 1MEG. 59¢ 2/\$1	1/2" sq. 171-S/PCS 1C, 2C, 250, 2.5K, 5K, 10K, 25K, 50K, 100K, 250K, 500K, 1MEG. 59¢ 2/\$1	1/2" sq. 171-T/PCS 1C, 2C, 5C, 1K, 2K, 5K, 10K, 100K, 250K, 500K, 1MEG. 59¢ 2/\$1	172 TYPE 1C, 2C, 5C, 1K, 2K, 5K, 10K, 25K, 50K, 100K, 250K, 500K, 1MEG. 59¢ 2/\$1
165 TOP ADJ. 3/8" sq. 20, 50, 1C, 5C, 2K, 10, 25K, 200K, 500K, 1MEG. 39¢ 3 - \$1	165 SIDE ADJ. 3/8" sq. 20, 50, 1C, 2C, 5C, 10K, 100K, 200K, 250K, 500K, 39¢ 3 FOR \$1	190 CERMET TRIMMER 20 TURN 3/4" RECTILINEAR; 200, 100K, 200K. 75¢ EA. 2 FOR \$1.20	

DOLLAR DAZE SOME ITEMS AVAILABLE IN QUANTITY. WRITE FOR PRICE.

1-77 SLA-1 LED .33 INCH 0-9 WITH DECIMAL EACH \$1.00	17 CONTROL BOX; W/SWITCHES 1EA. DPDT, DPST, SPST ALSO 3 PILOT LITES W/BULBS \$1.00	33 VINYL COVER FOR TYPEWRITER, FITS BASE 18x18 MAX HEIGHT 8 INCHES \$1.00 EA
SLA-2 LED .33 INCH, 1 (PLUS) - (MINUS) & 1 (ONE) 2 FOR \$1.00 2-77	FELT FOOT MOUNTING; 3/4" DIA. FT. MTG. STUD 1" LG. 8/32 THREAD 12 FOR \$1.00 18	CKT BRD 38 FUSES 8A. 28EA. 1N1487 23 RESISTORS, 3 TANT. CAPS 2/\$1 34-77
3 TRIPLETT AC ADAPTER 5.8VDC 310MA WHEN USED WITH EXTERNAL CAPACITOR(NA) 3/\$5.00	19 FELT FOOT MOUNTING; DIAMOND SHAPE ROUND ED CORNERS, 1 1/2"x1 1/2", 8/32 HOLE 12 FOR \$1.00	35-77 LEE PANEL "L", 3 TRANS. 1 SM. HEAT SINK, 9 RES. 2-10 W.PHENOLIC 4/\$1
1C BOARDS, 30 IC'S, MRTL, RTL, HOUSE NO. TTL TANSISTORS/CAPS \$3 4-77	US ARMY ARMOR COMMUNICATIONS ELECTRONIC DATA, ST 24-18-1 6-73 \$3.00 20-77	LEE PANEL "J", 9 TRANS., 19 RES. 2-10 W.3 SM. HEATSINKS PH.BD 2/\$1 36-77
5-77 2N604 HIGH SPEED SWITCH AND AMPLIFIER 14 FOR \$1.00	21-77 FIVE COND. CORD 20' LG. 5 PRONG PLUG 1 END, FLEX. 2 FOR \$1.00	37 PANEL D, 3 TRANS, 8 DIODES, 6 RES 1/2- 2/\$1 10WATT. PHENOLIC BRD, ANGLE BRACKETS
12 VOLT SWITCHING SILICON TRANSISTOR. HOUSE NUMBER 12 FOR \$1.00 6-77	GAS-GUARD, SPRING COIL TYPE, 2" AT LGE. END, 5/8" LG. 3 FOR \$1 22-77	M-210 SIGNAL CORPS TRIPPLICATE MESSAGE BOOK WITH CARBON. 3/\$1.00 38
7-77 PHOTO-CELL 12V SENSITIVE SW. CLAREX CL-407 3 FOR \$1	23-77 BRASS COUPLINGS FOR 3/8" SHAFTS, 3/4" LG. 3 FOR \$1.00	39-78 FS=150 UA LEVEL METER; 3/8x7/8 FACE OVERALL 1x1 1/2; JAPAN. \$1.00 3/\$2.
MINI-BOX; 2 PC. 6x4x3, W/HOLES FOR SLIDE SW, 2/5-16, 1/2, 3/3-16 & 7/7-8 HOLES \$1.00 8	MINITURE TUBE PIN STRAIGHTENER 8 & 10 PIN. 2 FOR \$1 24-77	TIMER MOTOR 115 V 50 HZ 3/4 RPM 2/\$1.00 40
9 REC-TRANS CHASSIS; SOLID STATE FOR USE IN BROADCAST BAND, 2 1/2x6x1, NO/CASE \$2.00	25-77 MOBILE PLATE W/SPST SW, LITE, JACK, 10 COND. 6' WIRE 3 1/2x3 1/2 PLATE \$1	41-77 COUNTERS SMALL MECHANICAL TYPES 3 TYPES \$1.00
SENTRY ALARM; BUZZES WHEN PIN IS PULLED SIZE 2 1/2x3x1 1/2, REQ. 9 VOLT BATT. \$1.00 10	COILED CORD 3 COND. 18-36" TELEPHONE USE, PINK OR GREEN 3 FOR \$1.00 26-77	10-98/APN, USES LAMP TO INOICATE RF FIELD INTENSITY. 5" ELEMENTS, \$1.00 42
11 CLEAR PLASTIC 1/4" PLASTIC TAPE REEL 7" 2 FOR \$1.00	27-78 SANDY'S TRANSISTOR SPECIAL, 100 TRANS. + DIODES, RES. 4 LBS. \$1.	43-77 TAPE, RUBBER, ADHESIVE, 3/4" W.x15' .045" THICK TL-192 3 FOR \$1.00
PLASTIC MITTENS 12 PAIR \$1.00 12	PHONE PLUG 3 CONDUCTOR, ON 24" COILED CORD RETRACTED, 48" STRETCHED. \$1.00 28	PM SPEAKER REM T-39/SCR-511. 2 1/2 DIA 1 1/2" D. 3 OHMS DC RES. \$1.00 44
13 TOGGLE SWITCHES; SPST, CUT-OFFS 5/\$1.00	29-78 LEATHERETTE INSTRUMENT CASE, 8 1/2x2 1/2x4; TWO SECTIONS. \$1.50; 2 F/\$2.50	45-77 RELAY TIME DELAY SPST, 110 SEC, N.O 5V 6 A. OCTAL SOCKET 3 FOR \$1
PUSH SWITCHES; SPST, NORM/OPEN 5/\$1. 14	MIXED HARDWARE, SCREWS, NUTS WASHERS ETC. REMOVED FROM EQUIP. ALL USEABLE 5LBS \$1 30	RELAY ASST: AC, DC, 6, 12, 24, 48 VOLT, OPEN, SEALED, PLATE RELAYS ETC. 5/\$1.00 46
15 PUSH SWITCHES: SPST, NORM/CLOSED 5/\$1.	31 HORSESHOE MAGNET, 2 3/8x 2x 1/2 2/\$1.00	47 METAL STAND, BASE 8x11 LEGS EXTEND OUT & DOWN FROM BASE 16x13x2 1/2H. 5LB 2/\$1.00
SLIDE SWITCHES; 2PST & 1PDT 5/\$1. 16	APPLIANCE SWITCH SP2P, SPST W/OFF. 20AMP MAX TOTAL CURRENT, 120/230V 60HZ \$1.00 32	GP-16, 24" STEEL GUY & GROUND STAKE WITH SCREW TERMINAL. APPROX 1/2" DIA 2/\$1.00 48

MINIMUM ORDER \$5.00

BC & ARC COMMAND SETS

THOUGH IT HAS BEEN ON THE SURPLUS MARKET FOR MANY YEARS, THE COMMAND SET SERIES OF RECEIVERS AND TRANSMITTERS IS STILL POPULAR AMONG HAMS AND EXPERIMENTERS.

THE SERIES CONSISTS OF UNITS OF EITHER SCR-274-N (BC-PREFIX) OR OF AN/ARC-5 RECEIVERS (R-PREFIX) AND TRANSMITTERS (T-PREFIX).

AS A GROUP, THE RECEIVERS COVER 190 KHZ TO 9.1 MHZ AND THE TRANSMITTERS 2.1 TO 9.1 MHZ.

IF YOU ARE NOT FAMILIAR WITH THE COMMAND SETS AND THEIR NUMEROUS CONVERSION POSSIBILITIES, WE SUGGEST YOU PURCHASE THE CO SURPLUS CONVERSION HANDBOOK INCLUDING COMMAND SETS AVAILABLE FROM US FOR \$4.50.



THE RECEIVERS ARE SUPER-HETERODYNE TYPES WITH SIX TUBES INCLUDING: 3/12SK7, 12SR7, 12A6, AND 12K8. THEY ARE DESIGNED TO OPERATE FROM THE DM-32, A 24 VDC DYNAMOTOR WITH AN OUTPUT OF 250 VDC 60 MA AND 24 VOLTS. THEY ARE TUNED FROM A REMOTE POSITION BY THE USE OF A CONTROL BOX WITH A FLEXIBLE SHAFT. SIZE: 5x5x11; SHPG. WT: 15 LBS.

BC-453/R-23 190 to 550 KHZ USED \$18.95
 BC-455/R-27 6.0 to 9.1 MHZ RE-COND 19.95
 R-25/ARC-5 1.5 to 3.0 " UN-USED 24.95

R-28/ARC-5 100 TO 156 MC CRYSTAL CONTROL ON FOUR PRE-SET CHANNELS WITH 24 VDC MOTOR, NOT CONTINUOUS TUNING. USES SAME VOLTAGE BUT DIFFERENT TUBES. SEE CONVERSION MANUAL FOR DETAILS TO MAKE CONTINUOUS TUNING. USED \$18.95

THE TRANSMITTERS WITH PROPER USE CAN PUT OUT 50 WATTS CW AND 30 WATTS ON PHONE. MODULATION IS OBTAINED FROM SEPARATE UNITS, BC-456 FOR SINGLE TUBE MOD. AND MD-7 FOR PUSH-PULL MOD. THE DM-33 DYNAMOTOR IS USED TO SUPPLY THE VOLTAGES AND IS MOUNTED ON THE MODULATOR. VOLTAGES REQUIRED 575-600 VDC @ 175-200 MA, AND 24 VOLTS. WITH TUBES 2/1625, 1/1626 & 1/1629 MAGIC EYE TUBE FOR TUNING AND CRYSTAL FOR CALIBRATION. SIZE: 5x7x12; 12L



BC-457 TRANSMITTER 4.0 TO 5.3 MHZ \$14.95
 BC-458 " 5.3 TO 7.0 " \$14.95

CV-431 FREQ. CONVERTER-TRANSMITTER FOR 228-258 MHZ. RECEIVER CONVERTS SIGNALS FROM 228-258 MHZ TO 118-148 MHZ WHICH HAS TO BE FEED INTO A SEPARATE REC. IN THE 118-148 MHZ RANGE. TRANS. IS 8 CH. CRYST. CONTROL. VOLTAGE REQ. 24 VDC & 250 VDC 60 MA. WITH TUBES 4/5763, 1/6201 & 1/6939. SIZE: 5x4x4x11; WT: 7LB. USED \$12.95

BC-456 MODULATOR FOR USE WITH COMMAND TRANSMITTERS, SINGLE TUBE MODULATION WITH TUBES 1/1625, 1/12U5GT AND 1/VR-150. HAS PROVISIONS FOR MOUNTING DM-33 DYNAMOTOR. SIZE: 7x8x10; WT: 11 LBS. USED \$9.95

MD-7/ARC-5 MODULATOR SAME AS BC-456 ONLY USES 2/1625 TUBES IN PUSH-PULL FOR 40 TO 60 WATTS. USED L/COVER \$9.95

COMMAND RECEIVER AC POWER SUPPLY SEE PAGE 20

SPIN TUNING KNOB FOR RECEIVERS, \$2.50
 DM-32 DYNAMOTOR, 24 VDC F/RECEIVERS, 4.95
 35X032 DYNAMOTOR, 12 VDC F/RECEIVERS, 4.95
 C-56 CONTROL BOX F/REC. TUNING AND TRANS. CHANNEL SEL.; 118-148 MHZ, VOLUME, 8.95
 MC-215 FLEXIBLE SHAFT FOR COMMAND EQUIPMENT, 6 FT. \$1.50; 25¢ EACH ADDITIONAL FOOT.

COMMAND SET RECEIVER & XMITTER RACKS, UNUSED.
 FT-233/MT-7A, FOR ONE RECEIVER, \$2.50
 FT-277/MT-63, FOR TWO RECEIVERS, \$3.00
 FT-234/MT-69, FOR ONE TRANSMITTER, \$2.75
 FT-226/MT-71, FOR TWO TRANSMITTERS, \$3.25
 FT-227/MT-70 SHOCKMOUNT FOR FT-226, \$2.50

BC-442/RE-2 ANTENNA RELAY UNIT FOR COMMAND SETS; DESIGNED TO SWITCH ANTENNA FROM TRANSMITTER TO RECEIVER. WITH 2 1/2" RD. 0-10 ANTENNA CURRENT METER AND 5 KV 50 MMF VACUUM CAPACITOR. SIZE: 4x3x5; SH WT: 6 LBS. USED, \$8.95

ARC-39 RECEIVER-XMITTER



RT-427/ARC-39 RECEIVER-TRANSMITTER, REPLACES COMMAND SETS; COVERS 2.0 TO 9.1 MHZ IN TWO BANDS; SIX CRYSTAL-CONTROLLED FREQUENCIES PER BAND. RF OUTPUT: 10 WATTS MIN. INTO 10 OHM LOAD (100 PF). 100% AMPLITUDE MODULATION; AUDIO OUTPUT: 200 MW WITH 1000 UV 30% MODULATED INPUT; 800 MW MAX. BANDWIDTH: 8 KHZ @ 6 DB DOWN. METER INDICATES RELATIVE RF OUTPUT TO THE ANTENNA. WITH TUBES OB2, 2/12AT7, 4/5749, 5750, 3/5686, 4/5814, & 3/6159. POWER REQUIRED: 28 VDC 4.4 AMPS WHEN RECEIVING; 8.5 AMPS TRANSMITTING. SIZE: 7 1/2x10 1/2x21 1/2; SHPG. WT: 42 LBS. PRICE: USED, COMPLETE, \$49.50

MANUAL FOR RT-427/ARC-39, REPRODUCTION, \$10.

R-19/ARC AIRCRAFT RECEIVER, 118 TO 148 MHZ CONTINUOUSLY TUNABLE. NO DIAL; DESIGNED FOR REMOTE TUNING WITH SPLINE SHAFT. I.F.=15 MHZ; WITH TUBES 90C2, 3/9003, 14A7, 2/14R7, 14F7, AND 12A6. USES ACCESSORIES SIMILAR TO ARC-5 SERIES. POWER REQUIRED: 250 VDC 60 MA AND 24 VDC. SIZE: 6 1/2x5x11 1/2; WT: 13 LBS. USED, \$18.95



BROADCAST RECEIVER



R-22 RECEIVER 550 TO 1500 KC AM, ONE BAND CONTINUOUS TUNING, NO DIAL (SEE BELOW FOR CONTROL BOX) WITH TUBES 2/14A7, 1/14S7, 1/14R7, 1/14F7 AND 1/12A6. VOLTAGES REQUIRED 250-290 VDC @ 50-90MA. AND 24 VOLTS. SIZE: 6 1/2x5x11 1/2; WT: 10 LBS. PRICE: NEW \$22.50

BC-473 CONTROL BOX DESIGNED FOR USE WITH COMMAND SET RECEIVERS WITHOUT DIALS. ADAPTER INCLUDED. SHPG. WT: 4 LBS. UNUSED, \$7.95

SCR-522 RECEIVER-TRANSMITTER AM CRYSTAL CONTROL, 30 WATT, 4 CHANNEL ON ANY FREQ. IN THE 100-156 MC RANGE. TUBES TRANS. 2/832, 6SS7, 3/12A6, 666 REC. 1/9002, 9003, 12C6, 12H6, 3/12SG7, 12A6 & 2/12AH7. UNITS CAN BE REMOVED FROM CABINET CASE SEPARATELY. REQUIRES POWER SUPPLY. SIZE: 16 1/2x12 1/2x10 1/2; WT: 50 LBS. RE-COND \$34.95 CONNECTOR PLUGS, \$1.50 EA. OTHER ITEMS AVAIL.



R-77/ARC-3 VHF RECEIVER A.M. 100-156 MC, CRYSTAL CONTROL ON 8 PRE-SET CHAN. WITH TUBES 6/6AK5, 3/12SG7, 2/12SN7, 1 EA. 9001, 9002, 12A6, 12H6, 12SL7 & 12SH7. VOLTAGE REQ. 24 VDC & 210 VDC @ 210 MA. SIZE: 11x7x15; WT: 21 LBS. USED \$24.50

R-5009/ARC-502 SIMILAR TO ARC-3 EXCEPT MADE FOR CANADA. (WE WILL SHIP WHAT IS AVAILABLE)

T-67/ARC-3 TRANSMITTER A.M. 100-156 MC, 8 CHAN. PRESET. CRYSTAL CONTROL. WITH TUBES 2/832, 2/6L6 3/6V6, 1/6J5 & 1/12SH7. VOLTAGE REQ. 24 VDC & 410 VDC @ 325 MA. SIZE: 15 1/2x10 1/2x12 1/2; WT: 22 LBS. USED \$24.95 CONNECTOR PLUGS \$1.50 OTHER ITEMS AVAILABLE.



T-366A/ARC TRANSMITTER 116 TO 132 MC, 5 CHANNELS CRYSTAL CONTROL WITH 5/5763 TUBES FOR 24-TO 28 VOLTS D.C. OPERATION. USES ARC14958 CRYSTALS. APPROX. 5 WATTS OUTPUT, USED IN AIRCRAFT. SIZE: 4 1/2x4 1/2x6; WT: 6 LBS. PRICE: RE-COND. \$16.95



SPEAKERS

DYNAMIC SPEAKER FROM R-48/TRC-8 3 1/2" CONE, PM; ONE WATT NORMAL, TWO WATTS PEAK. OVERALL: 4x4x2 1/2; WT: 2 LBS. \$4.95



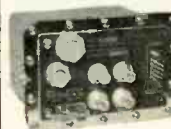
LS-101 DYNAMIC SPEAKER FROM PP-308/GRR-5; 4" DIA., 8 OHMS, 100-160 MW. 5 LBS. USED, \$4.95

LS-166 PM SPEAKER IN AN ALUMINUM CASE; 4" DIA., 8 OHMS, LESS CABLE. 7 LBS. USED, \$7.95



R-101/ARN-6 RADIO COMPASS RECEIVER, 100-1750 KC IN FOUR BANDS, WITH TUBES 6/12SK7, 4/12SX7, 2/26A7, 2/20S0, 1/12SY7 & 1/12SX7. POWER REQUIRED 24-28 VDC. SIZE: 11 1/2x7 1/2x15 1/2; 40 LBS. PRICE: USED \$39.50

AS-313/ARN-6 LOOP ANTENNA USED \$7.95
 ID-91/ARN-6 INDICATOR 3" NEW 8.95
 PD-5/ARA-19 TUNING DRIVE USED 9.95
 AM-203B/ARA-19 AMPLIFIER NEW 8.95
 C-149/ARN-6 CONTROL PANEL, USED, \$9.95
 MC-124 FLEX. TUNING SHAFT 20 IN. USED 1.50
 MC-203 "T" ADAPTER USED 1.50
 MC-136 RIGHT ANGLE ADAPTER USED 2.00



CU-308B/U ANTENNA COUPLER; USES CATHODE FOLLOWER TO COUPLE SINGLE ANTENNA WITH THREE RECEIVERS IN THE 2 TO 24 MHZ RANGE. INCLUDES THREE 24 VDC 500 OHM SPST RELAYS, 4/5906 TUBES, AND FOUR BNC CHASSIS CONNECTORS. POWER REQUIRED: 24 VDC 180 MA. 5x5x3 1/2; WT: 4 LBS. UNUSED, \$9.95

R-518 RECEIVER

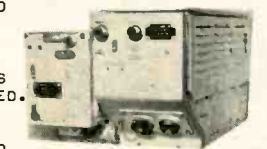


R-518/FRR-27 RECEIVER, SINGLE-CHANNEL CRYSTAL-CONTROLLED RECEPTION OF AM OR TONE SIGNALS IN THE 100 TO 156 MHZ. RANGE. DOUBLE CONVERSION DESIGN WITH IF'S OF 23 MHZ AND 3 MHZ. AUDIO OUTPUT: 1.5 WATTS INTO 200-600 OHMS, 15 MW PHONE. ANTENNA INPUT: 50 OHMS UNBALANCED. WITH SQUELCH AND TUBES 3/12AT7, 2/6AV6, 5654 2/6AV6, & 6005. POWER REQUIRED: 115 VAC 50-60 HZ. SIZE: 19 1/2x6x18 1/2; 45 LBS. USED, \$45.00

VHF RECEIVER-TRANSMITTER

VHF TRANSMITTING AND RECEIVING EQUIPMENT AM 100 TO 156 MC.

CRYSTAL CONTROL ON 4 PRESELECTED CHANNELS IN THE RANGE SPECIFIED. R-28/ARC-5 RECEIVER (SHOWN ON THE LEFT) CRYSTALS ARE INSERTED IN THE FRONT OF THE SET BEHIND THE ACCESS DOOR. FREQ. DIAL AND SQUELCH ADJ. ARE ALSO ON THE FRONT. SELECTION OF CHANNEL IS DONE REMOTELY WITH THE USE OF THE C-30/ARC-5 CONTROL UNIT WHICH IS AVAILABLE SEPARATELY. WITH TUBES 4/717, 3/12SH7, 2/12SL7 & 12A6 VOLTAGES REQUIRED 24/28 VDC FOR RELAYS AND SELECTOR MOTOR ETC. 250 VDC & 60 MA. HIGH V. DM-32 DYNAMOTOR CAN BE USED ON THE REAR OF THE SET FOR THE HIGH VOLTAGE. (FOR VARIABLE TUNING, SEE CO SURPLUS CONVERSION HANDBOOK INCLUDING COMMAND SETS @ \$4.50) SIZE: 14x7x4 1/2; WT: 16 LBS. USED \$18.95



T-23/ARC-5 TRANSMITTER (SHOWN TO THE RIGHT) THE OUTPUT OF THIS UNIT AS DESIGNED IS APPROX 10 WATTS HIGHER OUTPUT CAN BE OBTAINED AS IT HAS (2) TWO 832 TUBES AND TWO 1625'S. THE AUDIO POWER FOR MODULATING IS FURNISHED BY THE MD-7/ARC-5 MODULATOR WHICH IS AVAILABLE SEPARATELY. FREQ. CHANNEL SELECTION IS MADE BY USE OF THE C-30 CONTROL UNIT WHICH IS AVAILABLE SEPARATELY. VOLTAGES REQ. 24/28 VDC FOR RELAYS & SELECTOR MOTOR ETC. APPROX 600 VDC @ 175 MA F/HIGH V. SIZE: 15 1/2x8 1/2x5 1/2; WT: 15 LBS. RE-NEW \$24.95
 MD-7 MODULATOR; PUSH-PULL MODULATOR DESCRIBED ON PAGE 4 OF OUR REGULAR CATALOG RE-NEW \$12.00

RECEIVER



R-11A RECEIVER 190-550 KC ONE BAND, 85 KC IF FREQ. WITH TUBES 2/14A7, 1/14S7, 1/14R7, 1/14F7 & 1/12A6 (14 SERIES TUBES ARE LOCAL FILAMENTS ARE WIRED FOR 12-14 OR 24-28 VOLTS, HIGH VOLTAGE REQ. 250 VDC 60MA. NO DIAL, DESIGNED FOR REMOTE USE BUT ITEMS LISTED BELOW CAN BE ADAPTED FOR LOCAL TUNING. SIZE: 6 1/2x5x11 1/2; WT: 10 LBS. USED \$12.95
 TUNING CONTROL BOX & ADAPTER AS DESCRIBED IN LEFT COLUMN, 2ND ITEM \$7.95

EQUIPMENT BLOWERS

FASCO DUAL BLOWER 50 C.F.M. 115 VOLT 60 CYCLE .74 AMP. 2800 R.P.M. OUTLETS 2x1-5/8, 1 OUTLET IS PARALLEL TO MTG. BASE OTHER IS AT APPROX. 90° BUT CAN BE MODIFIED AS SHOWN IN ILLUSTRATION, INLETS 2". OVERALL SIZE 7x6x5 1/2; 10 LB FASCO TYPE 21 XEROX #127S217 NEW \$10.00

14 VOLT D.C. BLOWER, 1.25 AMPS. APPROX. 125 CFM; 3000 RPM. OUTLET: 2x2x2. INLET: 2-5/8" DIA. 8x8x3 MOUNTING FLANGE. OVERALL: 5x8x6 SHPG. WT: 7 LBS. USED, \$10.95

HEINZE DUAL BLOWER 120 C.F.M. 115 VOLT 60 CYCLE, 3000 R.P.M., .6 AMPS. INLETS 2" OUTLETS 2", OVERALL SIZE 8x6x6; WT: 12 LBS. HEINZE #D60362J52 USED \$8.95

EASTERN AIR DEVICES BLOWER 100 CFM CAPACITOR TYPE MOTOR 120 VOLTS 60 CYCLE, 3300 R.P.M. INTAKE 3" OUTLET 2x2, OVERALL SIZE 6x6x6 W/MTG. EAD#B7ABL-C2DR USED \$12.95

TORRINGTON BLOWER, 200 CFM, 220 VOLT 3000 RPM, (110 V. 1500 RPM 100 CFM) INTAKE 4", OUTLET 2x3, OUTLET MTG. 4" DIA. OVERALL SIZE 7x7x7. 10 LBS TORRINGTON #A13980 NEW BOXED \$18.95

ORDANANCE BLOWER 6 VOLTS D.C. APPROX 150 C.F.M., TURBINE TYPE IMPELLER, INTAKE 3" OUTLET 1" DIA., OVERALL SIZE 6x6x4; WT: 7 LBS. ORD.#G486392 NEW \$7.95

EASTERN AIR TWO SPEED BLOWER 2800/3200 R.P.M. CAPACITOR START MOTOR 1/40 H.P. .38 A. 115/230 VOLT 50/60 CYC. MOUNTED ON BASE W/ 4MFD. CAP. TERM. STRIPS ETC. BLOWER APPROX 150 CFM. INTAKE 3" OUTLET 1x2x2; WT: 12 LBS. SIZE: OVERALL 8x11x6. EAD#B74M1-C USED \$12.95

AIR MARINE BLOWER, 250 CFM APPROX. INLET: 5" DIA; WHEEL WIDTH: 2 1/2". OUTLET: 3 1/2" W X 1 1/2" H. WITH CAPACITOR. 115 VAC 60 HZ. OVERALL: 7x8x8 x7 1/2; 12 LBS. REM. F/EQUIP., \$20.95

FAN TYPE BLOWER, 115 VOLT 60 CYCLE, 20 WATT, 4" PLASTIC FAN BLADES, OPEN FRAME NOISELESS MOTOR, MOUNTED IN CADMIUM CASEMENT TYPE FRAME APPROX. 100 CFM. USED SIZE: 13x5x2; 5 LBS. HOWARD #1075-3102 \$3.95

COOLING FAN - AXIAL FAN 115 115 V 60 HZ. VOLT 60 HZ. 15 4 1/2 x 2 1/2 WATT, 4 1/2" SQ. NYLON BLADE DURABLE PLAST. REMOVED/EQ. REMOVED/EQUIP. URC3391 \$3. #M-747 \$6.95

HEATSINKS

9x4x1 1/8" ALUMINUM. DRILLED FOR 3/TC-3. #3T941 UNUSED \$2.75

12x4x1 1/8" ALUMINUM. DRILLED FOR 4/TO-3. #4T1241 UNUSED \$3.35

BLACK TAB MTG HEATSINK WITH 2/2N3055 OR EQUAL W/HDRW INSULATOR, RESISTORS 4x1 1/8x2 1/2 (4 7/8) TOTAL #HSW/2T, \$2 EA.; 4 FOR \$5.

#HSW/IT, SIMILAR TO ABOVE BUT WITH ONE TRANS. SIZE: 3-7/8x2-7/8x1-1/8. \$.85 EA. 4 FOR \$3.

#THS, SIMILAR TO ABOVE; NO TRANS., 2 FOR \$1.

#DHS, SAME AS ABOVE, ANODIZED DRILLED FOR DO-4 DIODES. 3-7/8x2x1-1/8, 2 FOR \$1.00

DELTA T 100 WATT (78°C) HEATSINK, BLACK, UNUSED, UNDRILLED; 5x4x2 1/2. #NC-423, \$3.25 EA

DUAL TO-36 HEATSINK, 3x3x1-3/8; FLANGE MOUNTING. #HST036, \$.75 EA. 3 FOR \$2.00

WAKEFIELD HEAVY DUTY HEAT SINK HAS 8 INDIVIDUALLY INSULATED SINKS, 4 EA. (1x3) AND 4 EA. (2x3). TAPPED TO MOUNT TRANSISTOR STUDS. PROVISIONS FOR MOUNTING MUFFIN FAN FOR COOLING. ANODIZED ALUMINUM. SIZE: 5x4x4 1/2; WT: 4 LBS. #FCA-800 PRICE: \$3.95; THREE IN CRATE, \$10.00 UNUSED.

TAPE RECORDER MOTORS

DUAL SPEED OPEN FRAME MOTOR, USED WITH RECORDING UNITS. 115 VAC 60 HZ; 2000 AND 3000 RPM. 3/16" DIA. SHAFT EXTENDS BOTH SIDES WITH PULLEYS FOR BELTS ONE SIDE. MOTOR SIZE (LESS SHAFT): 2x2x2, SHPG. WT: 4 LBS. #TM-381, UNUSED, \$3.95

HEAVY DUTY TAPE RECORDER MOTOR 115 VAC 60 HZ, 1500 RPM. MOTOR SIZE: 3x3x2 1/2, SHAFT 1x5/16" DIA. WT: 5 LBS. STK. #D6-20220 UNUSED, \$5.95

RECORDER MOTOR, 1500 RPM; 115 VAC 60 HZ, DOUBLE END SHAFT, 3/16" DIA. & 1x3/16" W/PULLEY. MOTOR SIZE: 2x2x2 1/2; WT: 2 LBS. STK. #G140700 UNUSED, \$4.95

RECORDER MOTOR, 1500 RPM; 2" SHAFT IS 3/16" DIA. FOR 1 1/2"; 3/64" DIA. LAST 3/4". 3/8x3/16" DIA. SHAFT ON OTHER SIDE. MOTOR SIZE: 2x2x2 1/2; WT: 2 LBS. #602-1 UNUSED, \$4.75

POWER SUPPLIES

SOLA CONSTANT VOLTAGE DC POWER SUPPLIES; 19"x6", SHPG. WT: 40 LBS. \$19.95 EACH

SOLA #	INPUT	OUTPUT
28238	180/240	200 VDC 1.5 A.
28239	"	120 VDC 1.1 A.
		20 VDC 2 A.
28323	115/208/230	120vdc 2 AMP

28266 115v 60 HZ. OUTPUT 20VDC @ 4 A. \$30

SOLA CONSTANT VOLTAGE TRANSFORMER ONLY. PRI: 90-130V 60HZ. SEC: 6.5V 25 A. #237 \$15
190-260V " SEC: 118V 4.2A. #150 \$15

PP-523/GRC POWER SUPPLY, SELECTABLE OUTPUT IN SIX STEPS FROM 34 VDC @ 3 AMPS TO 50 VDC @ 4 1/2 AMPS. INPUT: 115 VAC 60 HZ. WITH TWO 2" RD. METERS 0-100 VDC AND 0-5 AMPS DC. SIZE: 9x11x16, 50 LBS. USED, \$32.95

CC-20409 POWER SUPPLY; INPUT: 115 VAC 60 HZ. OUTPUT: 12 VDC @ 300 MA. (OUTPUT FROM TRANSFORMER: 14 VDC @ 1.5 AMPS.) IN ALUMINUM CASE. SIZE: 8x11x8, WT: 20 LBS. UNUSED, \$9.95

TELETYPE POWER SUPPLY FOR #19 SET. INPUT 105-125 V. 50/60 HZ, OUTPUT 120 VDC 0.6 AMP. W/8 SEC. TAPS. SELENIUM DISC. RECTIFIERS. SIZE: 20x8x9; 75 LBS. #4TRC-13 USED \$14.95

TRANSISTORIZED

TRANSISTORIZED-REGULATED P.S. INPUT: 105-125 VAC 50/60 HZ. MOUNTED ON CIRCUIT BOARD, 4x5, WT: 3 LBS. UNUSED, #CD5N1.5 5 VDC 1.5 A. \$15. #CD12N.85 12 VDC .85 A. \$18.

THUNDER POWER SUPPLY. OUTPUT: 3.7 VDC 750 MA. VOLT. REG. INPUT 115 V. 60 HZ. HOUSED IN CASE, 3x5x3; WT: 5 LBS. #S3.7-750 UNUSED, \$12.00

TEN THOUSAND VOLT DC - DC POWER SUPPLIES. P/O SANDERS VIDEO DISPLAY. NO SPECIFIC DATA OR SCHEMATIC AVAILABLE. MODEL 13904 USES 2/2N3055 TRANSISTORS OR EQUAL. MODEL 11665 USES ONE TO-3 TRANSISTOR. EACH P.S. HAS ADDITIONAL CONTROL CIRCUITRY. SH WT 5 LB
#13904 APPROX SIZE 10x5x6 USED \$12.95
#11665 GOOD EXPERIMENTER ITEM \$10.95

ETCHING BOARD

CIRCUIT ETCHING BOARD, 1/16" THICK FIBREGLASS, COPPER-CLAD TOP AND BOTTOM. NEW. 7x10 1/2, \$.75 EACH. 12x16, \$2.00 EACH.

DUAL BLOWERS

DUAL HIGH VOLUME BLOWER 210 VOLT 60 HZ 3450 RPM 1/8 HP MOTOR, 450 CFM (ESTIMATED), INLET 3" OUTLET 4" DIA. MOUNTED ON FRAME 29x6 1/2 IN. (FRAME CAN BE REMOVED) WT: 40 LBS. URC#683-KP USED \$12.95

ROTRON HEAVY DUTY DUAL BLOWER, 220 VOLT 2 A. 3 PHASE, 3100 RPM, 50/60 HZ. MOTOR SHAFT 1/2" DIA. 2-1/2" LG. BLOWER INLET 4" OUTLET WITH FLANGE 5x5, MOUNTING BASE 6x9 1/2. WT: 40 LBS. URC#4345 USED \$24.95

A.C. LINE REGULATOR

WANLESS VARAX AC LINE REGULATOR; INPUT: 102-125 VAC 60 HZ. OUTPUT: 120 VAC WITH LO-HI SWITCH FOR 400 OR 1500 WATT LOAD CHANGE. DC OUTPUT: 24 VDC @ 1.8 A. UNIT IS CAPABLE OF NO LOAD TO FULL LOAD REGULATION WITH BI-1500 INDUCTOR. SIZE: 11x5x11, 43 LBS. MODEL C223, USED \$39.50

CENTRIMAX BLOWER

ROTRON CENTRIMAX HEAVY-DUTY BLOWER, 225 CFM @ 15 MM H2O STATIC PRESSURE. FIBREGLASS CONSTRUCTION. OVAL OUTTAKE 3x4 1/2 WITH 4x4 MOUNTING FLANGE. 115 VAC 50/60 HZ. SIZE: 7x9x10 1/2, WT: 20 LBS. #CHX29A2G, UNUSED, \$29.95

T-195 TRANS. ASSY.

VFO-MASTER OSCILLATOR FROM THE T-195 TRANSMITTER; GENERATES FREQUENCY OF 1.5 TO 3 MHZ. HAS 5749 OSCILLATOR TUBE AND 5749 BUFFER AMP TUBE. WITH 3/16" DIA. SHAFT. 2x3x7, WT: 5 LBS. VFO/T-195, REMOVED F/EQUIPMENT, \$7.95

EXCITER STAGE FROM T-195, USED TO AMPLIFY VFO OUTPUT AND SUPPLY DESIRED TRANSMITTING FREQUENCY TO POWER AMP. SLUG TUNED IN RANGES (1.5-3), (3-6), (6-12), AND (12-20) MHZ. WITH TUBES 6AU6, 2/6AK6, AND 5763. SIZE: 4x3x8, 12 LBS. EXC/T-195, \$14.95

VARIABLE CAPACITOR, 13.5-77.8 MMF ONE SECTION; 17-99.6 MMF THE OTHER. 0.094" AIR GAP. WITH 3/2" DIA. SHAFT. 5x1 1/2x3 1/2 OVERALL. C-221/T-195 \$3.95

VARIABLE CAPACITOR, 25-485 MMF ONE SECTION; 23-437 MMF THE OTHER. 0.03" AIR GAP. WITH GEARS 1 1/2" DIA. AND 5/8" DIA. 4x3x4 1/2 OVERALL. C-222/T-195 \$4.95

ANTENNA TUNING VARIABLE CAPACITOR, 20 TO 400 MMF, 0.03" AIR GAP. WITH 5/8" x 1/2" DIA. SHAFT. 4x1-5/8 x 1 1/2 OVERALL. C-1003/T-195 \$3.95

AM-FM TUNER

AM-FM TRANSISTORIZED TUNER, 5 TRANSISTOR 4-DIODES WITH AVC AND AFC. CONSISTS OF RF OSCILLATOR, IF DETECTOR STAGES. REQUIRES 9 VDC. NOT GUARANTEED OPERABLE. UNUSED WITH SCHEMATIC AND HOOKUP DIAGRAM. 4x3x1 1/2 BC-CD-34 TUNER \$2 EA.; 3 FOR \$5.

U.H.F. RECEIVER



R-48/TRC-8 RECEIVER F.M. 230 TO 250 MC. ONE BAND VARIABLE TUNING, VOLTAGE REQUIRED 115/230 60 CYC WITH SPEAKER, PHONE JACK, SQUELCH CIRCUIT 2" METER FOR CIRCUIT

CHECKING. WITH TUBES 8/6AG7, 1/9002, 1/5J4, 1/6V6, 1/VR-150, 1/6N7, 1/6SN7, 1/6AL7. SIZE: 20x19x16; WT: 75 LBS. USED \$34.95

MN-26K RADIO COMPASS



BENDIX MN-26K RADIO COMPASS, USED WITH AIR NAVIGATION EQUIPMENT AS DIRECTION FINDER OR GENERAL RECEIVER. COVERS 200 TO 1750 KHZ IN BANDS (200-410), (410-850), & (850-1750 KHZ). TUNE DIRECT OR REMOTELY WITH SPLINE SHAFT AND CONTROL BOX. REQUIRES 230 V. 100 MA AND 28 VDC. W/TUBES 6F6, 6B8, 2/6J5, 2/6N7 AND 5/6K7. CONVERSION INFO INCL. 17x11x12; 45 LBS. USED, LESS DYNAMOTOR, \$16.95

MN-28LB CONTROL BOX F/MN-26LB REC. SOME DIAL NUMBER CHANGE REQ. FOR USE WITH MN-26K \$3.95
MC-124 FLEXIBLE SHAFT F/MN-26 20" 1.50
MC-127 SPIN TUNING KNOB FOR REC. 1.50
MC-203 "T" ADAPTER FOR SHAFT & KNOB USE 1.50
MN-26 MANUAL FOR MODELS A, C, M, W, Y, X (BASICALLY SAME AS "K" & OTHERS. 5.00

VHF RECEIVER



BC-639 RECEIVER, 100 TO 156 MHZ AM, CONTINUOUSLY TUNABLE OVER A SINGLE BAND. CONTROLS FOR CW, TONE, AVC-MANUAL, RF AND AUDIO GAIN, ATTENUATION, AND SENSITIVITY. WITH TUNING METER.

6SQ7, AND 6K6. POWER REQUIRED: 210 VDC 60 MA AND 6.3 VAC 3.5 AMPS. SIZE: 10x19x10; SHPG. WT: 48 LBS. USED, REPAIRABLE, \$30. CHKD, \$50. RA-42 POWER SUPPLY, PROVIDES VOLTAGES FOR BC-639 FROM 115/230 VAC 50-60 HZ. SIZE: 7x19x8; SHPG. WT: 32 LBS. USED, \$34.95 CONNECTOR FOR RECEIVER OR POWER SUPPLY, \$3. MANUAL, PARTIAL REPRODUCTION, \$8.50

U.H.F. RECEIVER



R-278 RECEIVER 225-399.9 MC, AM, CRYSTAL FREQ. CONTROL 1750 CHANNELS 0.1 MC INTERVALS, 10 PRESET CHANNELS, AUDIO FREQ. RESPONSE WIDE 200 TO 20,000 CYCLES NARROW 200 TO 5000 CYCLES AVC, SQUELCH, AIR COOLED, POWER REQ. 115/230 V. 50-60 CYCLE. UNITIZED CHASSIS, RACK MGT.

SIZE: 19x12x20; WT: 115 LBS. USED SERVICEABLE PRICE: R-278 WITH FORTY-FOUR TUBES, LESS GUARD CHANNEL USED \$125.00

70 TO 100 MHZ RECEIVER

R-19/TRC-1 RECEIVER; 70 TO 100 MHZ FM IN 300 CHANNELS. 1ST IF VARIABLE FROM 32.5 TO 47.5 MHZ; 2ND FIXED 5 MHZ. OUTPUT IMPEDANCE: 6 OHMS. WITH TUBES 7/6SH7, 3/6AC7, 2/6H6, 2/6X5, 6SN7, 6SL7, AND 6X5. POWER REQUIRED: 115 VAC 50/60 HZ. SIZE: 8x12x19 1/2 SHPG. WT: 50 LBS.

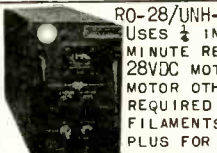


PRICE: USED, LESS CRYSTALS, \$29.50



RT-18/ARC-1 TRANSMITTER & RECEIVER AM, 100 TO 156 MC 30 WATT CW AND PHONE, CRYSTAL CONTROL. VOLTAGE REQUIRE 360 VDC @ 135 MA AND 24 VDC WITH TUBES 18/6AK5, 2/6C4, 2/6V6, 2/6J6, 2/12A6, 1/6SL7 AND 2/832. SIZE: 10x8x20; WT: 45 LBS. PRICE: 20 CHANNEL \$45

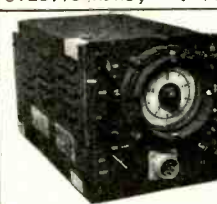
DY-9 DYNAMOTOR 26VDC \$10/DY-10 13/26 USED \$15



RO-28/UNH-6 2 CHANNEL TAPE RECORDER USES 1/2 INCH TAPE 7" REELS FOR 45 MINUTE RECORDING TIME. USES TWO 28VDC MOTORS, ONE AS CAPSTAN DRIVE MOTOR OTHER AS TAKE UP MOTOR. POWER REQUIRED 28 VDC FOR MOTOR AND FILAMENTS, 115V 400HZ SUPPLIES B PLUS FOR TUBES. HAS ONE 1 1/2" VU METER TO SET LEVELS. TUBES 6TF4, 2625, 0A2, 5/5703, 2/6533 SIZE 8x5x19 1/2 LONG USED \$24.95



BC-788 TRANSMITTER RECEIVER AIRCRAFT ALTIMETER, PULSE TYPE, TRANS. OUTPUT 50 WATTS, FIXED FREQUENCY 440 MHZ, WITH TUBES 1/6L6 9/6AG5 & 1/5Y3. POWER REQ. 115 V. 400-2400 CYCLE. SIZE: 15x9x8; WT: 13 LBS. PRICE: USED \$18.95



I-152(*) INDICATOR; USED WITH BC-788 ALTIMETER FOR INDICATING HEIGHT OVER TERRAIN IN AIRCRAFT WITH 3DP1 CATHODE RAY TUBE (SAME SOCKET/SHIELD AS 3BP1 TUBE AND OTHER TYPES) ALSO TUBES 3/6AG5 AND 2X2. HAS R.F. CIRCUIT, POTENTIOMETERS, 115 V. 400 CYCLE POWER SUPPLY ETC. (WILL MAKE GOOD FOUNDATION FOR A MONITOR) SIZE: 6x6x12; WT: 9 LBS. PRICE: USED \$8.95 SCHEMATIC \$1.00

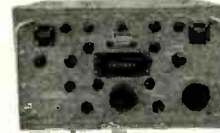
ARR-58 FM RECEIVER

R-863/ARR-58 RECEIVER, FM 162.25 TO 173.5 MHZ. DESIGNED TO RECEIVE SONOBOUY SIGNALS ON 16 PRESET CHANNELS. IF=30 MHZ. INPUT IMPEDANCE: 52 OHMS. MORE RECENT VERSION OF THE R-316/ARR-26 RECEIVER. CONVERSION INFO FOR R-316 TO 145-175 MHZ PLUS AUDIO, SQUELCH, AND 115 VAC 60 HZ POWER MODIFICATION INFO INCLUDED. WITH TUBES 7/6AK5, 2/6AS6, 2/6AL5, 6J6, AND 5814. POWER REQUIRED: 150 VDC 125 MA AND 6.3 VAC. SIZE: 5x8x17, WT: 20 LBS. USED, \$19.95



J-953/ARR-58 JUNCTION CABINET, INCLUDES TWO R-863 RECEIVERS, TWO AM-1870 AUDIO FREQUENCY AMPS, AND ONE AM-1871 RF AMP. USED, \$45.00

R-390A/URR RECEIVER



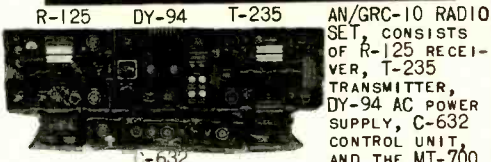
R-390A/URR RECEIVER, TRIPLE CONVERSION SET COVERING 0.5 TO 32 MHZ READ DIRECTLY FROM COUNTER-TYPE INDICATOR. 1ST IF VARIABLE. 17.5 TO 25 MHZ; 2ND IF, 3 TO 2 MHZ; 3RD IF FIXED

455 KHZ. RECEIVES CW, MCW, AND VOICE; ALSO SINGLE SIDEBAND AND FSK THROUGH USE OF BFO. WITH BUILT-IN CRYSTAL CALIBRATOR EVERY 100 KHZ. OUT IMPEDANCE: 600 OHMS; ANTENNA IMPED: 125 OHMS BALANCED. MECHANICAL FILTERS. POWER REQUIRED: 115/230 VAC 60 HZ. SIZE: 10x19x16; SHPG. WT: 95 LBS. 84 LBS. NET. PRICE: USED, REPAIRABLE, \$425. CHECKED, \$550. R-390A TECHNICAL MANUAL, \$12.00 CV-157/URR SSB CONVERTER F/R-390A, USED, \$150 CV-116/URR FSK CONVERTER F/R-390A, USED, \$145

R-390/URR RECEIVER, SAME AS R-390A, BUT WITHOUT MECHANICAL FILTERS. USED, P.U.R.* R-388/URR RECEIVER, 0.5 TO 30.5 MHZ IN THIRTY BANDS; MILITARY COLLINS 51J3. USED, P.U.R.* R-648/ARR-41 RECEIVER, 195-550 KHZ AND 2-25 MHZ; 27.5 VDC 4 AMPS. USED, P.U.R.* R-220/URR RECEIVER, 20-230 MHZ AM-FM, P.U.R.* RYCOM 2174 LF RECEIVER, 0-420 KHZ IN 6 BANDS. DESIGNED AS SELECTIVE VOLTMETER. P.U.R.* HAMMARLUND SP-600-JX RECEIVER, 0.54 TO 54 MHZ AM, CW IN SIX BANDS; BFO. USED, CHKD., \$295.

RCA CR-91A RECEIVER, 0.74 TO 30.4 MHZ IN SIX BANDS; BFO. RECONDITIONED, CHECKED, \$250.00

AN/GRC-10 RADIO SET



R-125 DY-94 T-235 AN/GRC-10 RADIO SET, CONSISTS OF R-125 RECEIVER, T-235 TRANSMITTER, DY-94 AC POWER SUPPLY, C-632 CONTROL UNIT, AND THE MT-700 RACK DESCRIBED SEPARATELY BELOW. USES SAME ACCESSORIES AS THE OTHER GRC EQUIPMENT WE ADVERTISE. SHPG. WT: 250 LBS. USED, \$200.00

R-125/GRC-10 RECEIVER, 54 TO 70.9 MHZ FM IN 0.1 MHZ STEPS. DUAL CONVERSION TYPE WITH A FIXED IF OF 4.3 MHZ AND A TWO-STAGE VARIABLE IF OF 15.15-16.05 MHZ. HAS CRYSTAL AND AFC FREQUENCY CONTROL; ANTENNA TRIMMER; AND SQUELCH. METER INDICATES OSC 1, OSC 2, 3RD IF, 1ST LIM, DISC PRI, DISC-, DISC+, AND LINE LEVEL. OUTPUT IMPEDANCE: 600 OHMS (SPEAKER) OR 4 OHMS (EARPHONE OF HANDSET). HAS 23 TUBES. POWER REQUIRED: 200 VDC 100 MA (PLATE AND SCREEN); AND 24 VDC 1.3 AMPS (FILAMENTS). SIZE: 11x9x12 1/2; SHPG. WT: 36 LBS. USED, \$50.

T-235/GRC-10 TRANSMITTER, 54 TO 70.9 MHZ FM IN 0.1 MHZ STEPS. TRANSMITS VOICE, MULTI-CHANNEL TELEPHONE, TELEGRAPH, OR FACSIMILE IN ANY COMBINATION. POWER OUTPUT: 40 WATTS (HI) AND 10 WATTS (LO). HAS CRYSTAL-CONTROLLED MONITOR RECEIVER FOR AFC. AUDIO INPUT IMPEDANCE: 600 OHMS (WIDE-BAND) AND 150 OHMS (MICROPHONE). OUTPUT IMPED: 50 OHMS. FORCED-AIR COOLING. METER INDICATES XTAL OSC, AFC-, AFC+, LINE LEVEL, RF POWER, PA PLATE, PA GRID, AND OSC. HAS 16 TUBES INCLUDING ONE 4X150D IN THE POWER AMP. POWER REQUIRED: 550 VDC 150 MA (PA PLATE); 250 VDC 120 MA (PLATE AND SCREEN); 20 VDC 25 MA (MIC) AND 24 VDC 1.7 AMPS (FILAMENTS). SIZE: 11x9x12 1/2; SHPG. WT: 40 LBS. USED, \$89.50

DY-94/GRC-10 AC POWER SUPPLY FURNISHES ALL THE NECESSARY VOLTAGES FOR THE R-125 AND T-235 FROM POWER INPUTS OF 115/230 VAC 50-65 HZ (292 WATTS) OR 24 VDC (326 WATTS). HAS FORCED-AIR BLOWER FOR COOLING. SIZE: 11x9x12 1/2; SHPG. WT: 75 LBS. USED, \$99.50

C-632/GRC-10 CONTROL SET COORDINATES THE POWER AND ANTENNA CONNECTIONS IN THE GRC-10 SET AND WITH OTHER SYSTEMS. POWER REQUIRED: 115/230 VAC 50-65 HZ OR 24 VDC. SIZE: 17x3 1/2x12 1/2; SHPG. WT: 15 LBS. USED, \$34.95

9-PIN GRC CONNECTOR FOR POWER/CONTROL, \$2.50 OTHER GRC/VRC ACCESSORIES LISTED ON PAGE 18.

POWER AMPLIFIER



AM-8/TRA-1 POWER AMPLIFIER FOR 70-100 MC F.M. 200 WATT WITH A RF INPUT OF 25 WATT (APPROX.) IMPEDANCE 70 OHM USES 2/4E27 TUBES IN CLASS "C" PUSH-PULL TUNED PLATE CIRCUIT AND 3/0D3 V.R TUBE THE FILAMENT TRANSFORMER 5 V. CT 15 A. IS SUPPLIED

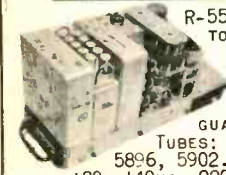
IN THE UNIT, -100 VDC, 450 VDC @ 40 MA AND 2000 VDC 250 MA ARE ALSO REQUIRED BUT ARE NOT IN THE UNIT. A 115 V. 60 CYCLE BLOWER IS ALSO IN THE EQUIP. VAR. CAP. DUAL 5-50 & 7-35 MMF SIZE: 16x10x12; WT: 55 LBS. IN CHEST 100 LBS PRICE: USED, WITH 4E27 TUBES, \$50.00

TRANSISTORIZED RECEIVER

R-962/ARR-52 VHF RECEIVER, 162.5 TO 173.5 MHZ IN 16 CRYSTAL-CONTROLLED CHANNELS. DOUBLE CONVERSION, SUPER-HETERODYNE UNIT DETECTS AM, FM, AND VIDEO SIGNALS. CONSISTS OF FIVE PLUG-IN MODULES USING PRINTED CIRCUITS; NO TUBES. CONVERSION POSSIBLE FOR TWO METERS, VHF WEATHER, SATELLITE TV, ETC. (SEE OCT. '74 QG MAG FOR DETAILS.) POWER REQUIRED: 18 VDC. SIZE: 7x7x2 1/2; SHPG. WT: 9 LBS. PRICE: USED, \$19.95



20 CHANNEL RECEIVER



R-550/ARR-40 VHF RECEIVER 265 TO 284.9 MHZ IN 20 CHANNELS. GUARD CHANNEL 243.0 MHZ. ONE MEGAHERTZ CHANNEL SPACING. RECEIVER MODULES: AUDIO, 1.85MHZ IF, IF AND GUARD, RF AND INJECTION UNIT. TUBES: 7/6201, 8/5840, 3/6AK5, 2/5896, 5902. POWER REQUIRED: 28VDC, 130V 140MA, 220V 20MA. SIZE 12x4x6. SH WT 15 LBS. W/COVER, SCHEMATIC; USED, \$19.95 28 VOLT DYNAMOTOR FOR R-550 WT 5 LBS \$4.95

400 WATT TRANSMITTER



T-631/GRC-14 TRANSMITTER, 2 TO 20 MHZ 400 WATTS PEAK OUTPUT, 100 WATTS NOMINAL CARRIER. EMPLOYS DECADE TYPE TUNING IN 100 HZ STEPS; WITH BANDS: (2-3), (3-6), (6-10), and (10-20 MHZ) TRANSMITS AM PHONE, CW, OR FSK. HAS AFC OR MANUALLY ADJUSTED VFO. FREQUENCY SHIFT OF #500 HZ. METER INDICATES FSK SYNCHRONIZATION. ALSO METERING FOR RF LINE AND MANUAL TUNE. INPUT IMPEDANCE: 100 OHMS (MIC) OR 600 OHMS (LINE). OUTPUT IMPED: MATCHED OR 50 OHMS WITH RF TUNER BYPASSED. WITH 28 TUBES INCLUDING THREE 4X250F1'S IN THE POWER AMP.

SIZE: 13 $\frac{1}{2}$ x29x17 $\frac{1}{2}$; SHPG. WT: 230 LBS. NET: 157 LBS. SEPARATE AC POWER SUPPLY PP-1711 PROVIDES THE NECESSARY VOLTAGES FOR THE T-631 FROM 115 VAC 60 HZ OR 26.5 VDC AND 24 VAC. ALSO 115 VDC OUTPUT FOR TELETYPE LOOP CURRENT. SIZE OF PP-1711: 10x29x17 $\frac{1}{2}$; SHPG. WT: 310 LBS. NET: 284 LBS. USED, NOT CHECKED. PRICE: T-631 XMITTER & PP-1711/GRC-14, \$250. T-631, R-808, & PP-1711/GRC-14, P.U.R. MANUAL FOR MRC-55, COVERS GRC-14, \$20.00

RECEIVER WITH FSK

R-808/GRC-14 RECEIVER WITH FSK CONVERTER; CONTINUOUSLY TUNEABLE FROM 2 TO 32 MHZ IN FOUR BANDS: (2-4), (4-8), (8-16), and (16-32 MHZ). RECEIVES CW, MCW, AM PHONE, AND FSK. DUAL CONVERSION WITH IF'S OF 455 KHZ AND 1500 KHZ; SELECTIVE BANDWIDTH: 700 HZ (BROAD) OR 350 HZ (SHARP). UNIT HAS CRYSTAL CALIBRATOR WITH BFO PITCH CONTROL. HAS METER FOR TELETYPE TUNING; HOLD-OPERATE AND NORMAL-REVERSE TELETYPE LINE SWITCHES. INPUT IMPEDANCE: 300 OHMS (H1-Z) OR 50 OHMS (LO-Z). OUTPUT IMPED.: 600 OHMS. USES 46 TUBES. POWER REQUIRED: 115 VAC 60 HZ OR 26.5 VDC 5 AMPS. SIZE: 13 $\frac{1}{2}$ x10x17 $\frac{1}{2}$; SHPG. WT: 80 LBS. USED, EXCELLENT, NOT CHECKED, P.U.R.:



JB-70 JUNCTION BOX; USED WITH BC-610 TRANSMITTER. FRONT PANEL HAS SWITCHES AND CONTROLS FOR REMOTE USE OF TRANS. HAS AC OUTLETS BOTTOM & SIDE, 4 HEADSET & 2 KEY JACKS, MIC PLUG, 2 WAFER, 4 TOGGLE, LEVER & START/STOP SWITCHES, CIRCUIT BREAKER, CABLES ETC. SIZE 19x13x5 $\frac{1}{2}$; WT: 40 LBS. PRICE: USED \$9.95

TELEGRAPH SET

TG-5 TELEGRAPH SET, USED OVER SHORT LINES WITH FEW INTERMEDIATE STATIONS. SET CONSISTS OF J-41 KEY, HS-20 HEADSET, 1000 HZ. INTERRUPTER, AND BELL. J-41 IS AN OPEN-CIRCUIT TYPE KEY MOUNTED ON BAKELITE. COMPONENTS PLACED IN ALUMINUM BOX. ALSO CANVAS BAG AND MANUAL INCLUDED. OPERATES FROM TWO D CELL BATTERIES (3 VDC) AND 22.5 VDC. SIZE: 5 $\frac{1}{2}$ x10x5 $\frac{1}{2}$; SHPG. WT: 10 LBS. UNUSED, \$18.95



C-113/TRC-1 CONTROL UNIT AND INTERCOM SET FOR USE WITH REC TRANS. OR SEPARATE INTERCOM. OPERATES FROM 115 V. 60 CYCLE HAS MIC. AND HEADSET JACKS, BINDING POSTS TO CONN. WIRE, PL-68 PLUG & CABLE, 5 WIRE CABLE, ETC. IN WOOD CASE WITH STORAGE COMPARTMENT. SIZE: 14x9 $\frac{1}{2}$ x12; WT: 25 LBS. USED \$6.95



RC-298 ARMORED TANK INTERPHONE EXTENSION KIT; CONTAINS HEAVY GAUGE WATERPROOF STEEL BOX WITH HANDSET & COILED CORD, SIGNAL LIGHT, CALL SWITCH, VOLUME CONTROL ETC. REMOTE CALL BOX HAS 2 SW. SIGNAL LITE, CABLE CONN. ETC. CABLE 7 COND. 30 FT. HARDWARE KIT HAS 125 PCS. OF VARIOUS ITEMS, RUBBER TAPE, EXTRA SW. LENS AND LAMP ETC. SHPG. WT, 78 LBS. PRICE: NEW \$14.95

TA-1/PT TELEPHONE



SOUNDPOWERED TELEPHONE SET WITH AUDIBLE AND VISUAL CALL SYSTEM. PALM OPERATED GENERATOR PUTS OUT APPROX. 100 V. THAT SOUNDS BUZZER IN OTHER PHONE AND ACTUATES VISUAL INDICATOR. COILED CORD WITH PUSH TYPE BINDING POSTS FOR INTERCONNECTING WIRES TO BE FASTENED TO. COMES WITH FIBER CARRING CASE. SIZE: 8 $\frac{1}{2}$ x3 $\frac{1}{2}$ x3 $\frac{1}{2}$; WT: ACT 2LB USED \$19.95 EACH



TA-43/PT TELEPHONE SET IS A RUGGED, LIGHTWEIGHT, WATERPROOF FIELD TELEPH. THAT CAN BE USED OUTDOORS ON A DESK OR WALL MOUNTED. HANDCRANK GENERATOR FOR RINGING BUZZER. REQUIRES 2/1 $\frac{1}{2}$ V BATT. FOR LOCAL USE NONE REQ. W/CB. UNIT COMES IN A CANVAS CASE & SHOULDER STRAP WITH ZIPPER. SIZE: 12x7x4; WT: 10 LBS. \$34.50

FREQUENCY SHIFT CONTROL



C-975/FRR-33 RECEIVER CONTROL; PROVIDES AUTOMATIC FREQUENCY CONTROL OF AUDIO FREQUENCIES USED IN FSK SYSTEMS WITH 850 KHZ SHIFT USING TWO TUBES 2/2021, 5/6B6, 2/6AK5, 2/6C4, 6J4, 9/6BH6, 3A4, 2/2625, 6/12AU7, 12AX7, 2/5651, AND 6082. POWER REQUIRED: 115/230 VAC 50-60 HZ. 19x8 $\frac{1}{2}$ x16 $\frac{1}{2}$; 60 LBS. UNUSED, W/SCHEM., \$60.

C-974/FRR-33 SELECTOR CONTROL, ORIGINALLY USED TO CONTROL TUNING AND SWITCHING CIRCUITS IN CU-286 ANTENNA COUPLER (NOT AVAILABLE) AND TUNING AND RF CIRCUITS IN TWO R-391 RECEIVERS (NOT AVAILABLE). EIGHT CHANNEL AND FOUR FUNCTIONAL SELECTIONS DONE WITH TELEPHONE DIAL AND INDICATED ON PANEL LIGHTS. INCOMING 1105 HZ TONE PULSES FROM A 600 OHM BALANCED LINE ARE AMPLIFIED AND RECTIFIED INTO DC PULSES WHICH ACTUATE SWITCHING RELAYS. TONE PULSES CAN BE GENERATED LOCALLY OR REMOTELY. SENSITIVITY -30 DBM. WITH 5Y3, 2/6AU6, 6AK6, 6C4, 12AX7, 5651, AND 6082 TUBES. POWER REQUIRED: 115/230 VAC 50-60 HZ. SIZE: 19x8 $\frac{1}{2}$ x16; SHPG. WT: 60 LBS. PRICE: UNUSED, W/SCHEMATIC, \$39.50



C-973/FRR-33 REMOTE SWITCHING CONTROL, SUPPLIES 1105 HZ TONES FOR THE CONTROL OF THE C-974 FROM A REMOTE LOCATION. OUTPUT LEVEL: +10 TO +10 DBM. WITH TUBES: 5Y3, 3/6AK6, 6AU6, 5651, AND 6082. POWER REQUIRED: 115/230 VAC 50-60 HZ. SIZE: 12 $\frac{1}{2}$ x8 $\frac{1}{2}$ x10; SHPG. WT: 30 LBS. UNUSED, WITH SCHEMATIC. \$18.95



RD-60/U CODE RECORDER OF RADIO TELEGRAPH CODE SIGNALS. USES 3/8" WIDE, 800 FOOT ROLLS OF PAPER TAPE. RECORDS CODE SPEEDS UP TO 1000 WORDS PER MINUTE WITH A RECORDING TIME OF 26 MINUTES (LOW) OR 13 MINUTES (HIGH). INPUT SIGNAL FREQ. 500 TO 5000 HZ. INPUT IMPEDANCE 500 AND 5000 OHMS. OUTPUT IMPED. 6 OHMS.

WITH 9 TUBES. POWER REQ. 115 V. 60 HZ. SIZE 19x16x12 $\frac{1}{2}$; WT: 150 LBS. PRICES: USED LESS CABINET REPARABLE \$19.95 " WITH " " 24.95 Gov! RE-CONDITIONED W/CABINET 30.00 AS ABOVE W/PENS, ADJUSTING, TOOLS/BOOK 34.50



PHILCO CST-2 SIGNALING AND TERMINATION UNIT. FOR USE IN MULTIPLEX SYSTEMS FOR TRANSMISSION OF DIAL OR RINGDOWN SIGNALING AND TERMINATES A FOUR WIRE CIRCUIT OF THE MULTIPLEX INTO A TWO WIRE TELEPHONE CIRCUIT. A 3.5 KC TONE IS USED FOR SIGNALING. ALSO HAS CONTROLS FOR PROPER ATTENUATION OF VOICE LEVEL. OPERATES FROM 115 V. 50 CYC. AND IS COMPLETE WITH 2/12AU7 TUBES, RELAYS, RACK MTG. 19x4x12; WT: 25 LBS. PRICE: UNUSED \$12.95

MULTIPEX

AUTOMATIC ELECTRIC RELAY ASSEMBLY; 12 A/E TYPE RT-379-A1 RELAYS, 48VDC .1 AMP OPERATING 10 CONTACT ARRANG. #D-857697 AUTOMATIC LINE FINDER, RACK MOUNTING SIZE: 13 $\frac{1}{2}$ x4 $\frac{1}{2}$ x6 $\frac{1}{2}$; 12 LBS. PRICE: W/COVER N\$12.95



SWITCHBOARD PANEL ASSEMBLY 10 RED, 10 GREEN LAMP HOLDERS W/DIMMER, LEVER SWITCHES MOMENTARY SIDE BREAK ONE, & BREAK & MAKE, CENTER-OFF; OTHER SIDE MAKE 4, 320 SERIES LAMPS NOT INCLUDE SIZE: 11x4 $\frac{1}{2}$ x4; 8LBS. ASSY#770938861 \$24.95 GRAIN/WHEAT LAMP 327 24 V. 59¢ EA. 2 FOR \$1

SIGNALING SYSTEM



DUPLEX SIGNALING UNIT DSU-2 AUDIO TONE TRANS. & REC. FOR USE IN THE 2000 TO 7475 HZ CARRIER SYSTEM FOR LAND LINE, POWER LINE OR RADIO SIGNALING. REC. CAN BE ON SAME OR DIFFERENT FREQ. CH. CNT. FRE 2000-3500 @ 100HZ INTERKEYING SPEED 14-21 P-PER-SEC. TRANS. OUTPUT 600 OHM. REC. INPUT 600 OHM. POWER REQ. 105-125V. 50/60HZ, FOR 19" RACK MOUNT. W/TUBES 2/12AU7, 2/6AG5, 1/6AL5, 1/5964 (RELAY) 1/5Y3 ALSO 2 SEPARATE ASSY. LAMP PANEL ASSY. W/BUZZER & VOICE BAND FILTER PANEL. SIZE: 3 $\frac{1}{2}$ x19x8, OTHER UNITS 1 $\frac{1}{2}$ " DEEP. WT: 50LBS HAMMARLUND DSU-2M W/MANUAL \$18.95

MODEL 14 TELETYPE TRANSMITTER--DISTRIBUTOR SINGLE CHANNEL, GOVERNOR CONTROLLED MOTOR 1/25 HP 2100 RPM, TAPE DISC NO. 77070, 60 WPM, POWER REQ. 115 V. 60 CYCLE. SIZE: 15 $\frac{1}{2}$ x8 $\frac{1}{2}$ x9; WT: 35 LBS. PRICE: USED \$19.95



TAPE TELETYPEWRITER

TELETYPE PERFORATOR TAPE, 11/16" WIDE 900 FT. OILED ROLLS. \$.60 PER ROLL; 10 ROLLS \$5.00

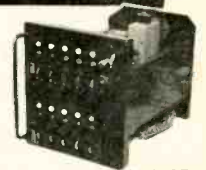


TELEPHONE BOX

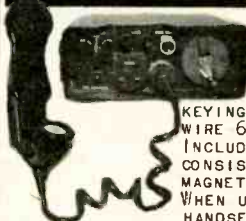
EE-91 TELEPHONE BOX WITH PLUG-IN HANDSET. HAS CRANK GENERATOR FOR RINGING MAGNETO LINES; 3000 OHM LINE RESISTANCE TALKING CIRCUIT HAS 30 DB NET LOSS. DESIGNED FOR WALL MOUNT WITH MTG. FLANGES PROVIDED. REQUIRES 3 VDC FOR OPERATION. SIZE: 6x7 $\frac{1}{2}$ x5 WT: 16 LBS. NEW \$19.95

OPERATOR'S CIRCUIT

TA-277/GTA-6 OPERATOR'S TELEPHONE CIRCUIT FOR UP TO TEN LINES. EACH LINE HAS SWITCH WITH "TALK" AND "RING" POSITION. ALSO WHITE AND RED INDICATOR LIGHTS FOR EACH LINE. TWO INPUT JACKS. SIZE: 7x8x12 WT: 15 LBS. PRICE: RECONDITIONED, \$14.95



FIELD PHONE-CONTROL SET




C-2172/GRC-14 FIELD REMOTE CONTROL SET; DESIGNED FOR USE WITH AN/GRC-14 RADIO GROUP IN AM, PHONE, AND CW/ KEYING OPERATIONS OVER A TWO-WIRE 600 OHM TELEPHONE LINE. INCLUDES 20 HZ RINGER SYSTEM CONSISTING OF A HAND-CRANK MAGNETO GENERATOR AND BELL. WHEN USED WITH A H-33/PT HANDSET, THE CONTROL UNIT IS FUNCTIONALLY A FIELD TELEPHONE. TERMINALS PROVIDED FOR PHONES, MIC, AND KEY. SWITCHES FOR SERVICE (CW, AM, AND TEL); FSK CONTROL; AND SIGNAL (BELL OR CALL LIGHT). SOLD WITH H-33/PT HANDSET. POWER REQUIRED: TWO "D" CELL AND ONE 45 VDC BATTERY (NOT AVAILABLE). SIZE: 3 $\frac{1}{2}$ x9-3/8x7-1/8; SHPG. WT: 13 LBS. PRICE: UNUSED, WITH USED H-33/PT, \$19.95


Headsets — Telephone Equipment — Microphones — Handsets




HEADSET & CUSHIONS
HS-23 HEADSET ONLY (MODIFIED) w/HB-7 HEADBAND, 4 1/2" CORD STD. 2 CIR. PHONE PLUG & 2000 OHM PHONE ELEMENTS, NEW LESS CUSHIONS \$8
CUSHIONS ONLY
 MC-162 SMALL RUBBER CUSHIONS \$1
 MX-41 MEDIUM RUBBER CUSH. \$1.25
 M-301 CHAMOIS \$2



#ZA/CANI638 DYNAMIC HEADPHONES, 50 OHMS IMPED; MOVING COIL-TYPE, QUALITY REPRODUCTION. ADJUSTABLE CANVAS STRAP FITS ON TOP THE HEAD; STEEL-BAND BEHIND. WITH CHAMOIS CUSHIONS, 1/4" CORD, AND PHONE PLUG. UNUSED, \$4.95



HS-230 HEADSET w/PL-54 PLUG ON 13" CORD, VELOUR TYPE CUSHIONS, 250 OHM ELEMENTS AS USED ON HS-30 HEADSET, HEADBAND, NEW, ELEMENTS USED, COMPLETE w/ ELEMENTS \$6.95 HEADBAND AND CUSHIONS ONLY \$4 SEE BELOW CD-307 EXTENSION CORD.




H-113/U HEADSET 600 OHM SOFT PLASTIC EAR CUSHIONS 18" CORD w/ PL-54 PLUG THAT FITS JK-26 JACK (SEE CD-307 EXTENSION CORD ELSEWHERE ON THIS PAGE) WT: 3LBS. USED-EX. \$3.95
H-62 HEADSET SAME AS H-113/U ONLY IN BLACK AND HAS PROVISIONS FOR SNAPPING ON LIP MICROPHONE CW-51071 LISTED BELOW. USED-EX. \$3.95
CW-51071 LIP MICROPHONE 100 OHMS IMPEDANCE w/ 2 SNAPS FOR FASTENING TO H-62 HEADSET, 14" CORD w/ PL-291 PLUG INTO EXTENSION CORD CD-318 LISTED ON THIS PAGE OR CW-49561 EXTENSION CORD LISTED BELOW USED \$1.00




H-63/U HEADSET 600 OHM BOOM MIC 100 OHM 14" CORD WITH PLUGS. \$4.95 USED
 Mic. OR PHONE ELEMENTS ONLY, \$1 EA.
T-24-S MICROPHONE HAND HELD BRASS CARBON MIC. w/50 OHM ELEMENT, PUSH TO TALK SWITCH, 5 1/2 FT. STRAIGHT CORD w/PL-68 PLUG. WT: 1 LB. PRICE: UNUSED \$3.95
CO-78 HEADSET "Y" CORD 71 LG. RUBBER COVER NO PLUGS, TERM. \$1.50
PL-204 PLUG: SINGLE HOLDER PL-68 & PL-55 SIDE BY SIDE. \$2.00
DOUBLE PLUG D178452 F/HEADSET SIMILAR 289 298. #3850 NEW \$1.50
SWITCHBOARD CORD 4 1/2" w/PL-47 #80-96 \$1.00



SECFY OHMS YOU WANT 40 1250 OR 2500 D.C. OHMS
TELEX HEADSET \$4.95 USED



HS-30 HEADSET 250 OHM IMPEDANCE HEARING AID TYPE LIGHT WEIGHT HEADBAND
7 FOOT CORD WITH PL-55 PLUG (CD-605) USED \$2.75 EA.



SHURE 520B MAGNETIC MICROPHONE FOR PA AND BASE STATION USE. GREEN AND CHROME FINISH; BULLET-STYLING. IMPED: 150-250 OHMS FREQ. RESPONSE: 100-9000 HZ. WITH 7' 2-COND. CABLE. #CR-20D/520B, UNUSED, \$15.




T-17 MICROPHONE CARBON 35 TO 90 OHMS WITH PUSH TO TALK SWITCH 5 FT. CORD WITH PL-68 PLUG THREE CIRCUIT. WT: 1LB
 PRICES. USED: \$6.95 RE-CONDITIONED \$9.00

JK-38 PHONE JACK FOR INLINE USE, TAKES TWO PL-55 PHONE PLUGS \$1
PUSH BUTTON SWITCHES FOR HANDSETS THAT USE BUTTERFLY TYPES. DIRECT REPLACEMENT. #5930-327-7308 \$1.25

PL-204 PLUG: SINGLE HOLDER PL-68 & PL-55 SIDE BY SIDE. \$2.00
DOUBLE PLUG D178452 F/HEADSET SIMILAR 289 298. #3850 NEW \$1.50
SWITCHBOARD CORD 4 1/2" w/PL-47 #80-96 \$1.00



HS-16 HEADSET, IMPEDANCE 520 OHMS @ 800 CYC, 6 FT COTTON COVERED "Y" CORD WITH METAL TIPS. NEW \$3.95

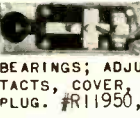


HS-9 HANDSET WITH PUSH TO TALK SWITCH (NOT BUTTERFLY) WITH 3 COND. CORD 4" AND TERMINAL LUGS. NEW COND. \$4.95

HANDSET CW51070, PUSH BUTTON F3, 4 COND. CORD, NO PLUG OR STROMBERG CARLSON W/BAR PUSH SW. 3 CIR. #1016 N \$9




T-45 LIP MIC



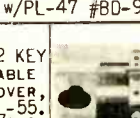
BRASS KEY WITH 2 BEARINGS; ADJUST. CONTACTS, COVER, CORD, AND PLUG. #R11950, \$4.75
M-86/U MAGNETIC MICROPHONE: 50 OHM IMPED. PUSH SW. LEVEL CONTROL 7' CORD. UNUSED \$14.95




T-30 THROAT MIC. Elements only \$1.50 a dozen



WESTCLOX 202 KEY WITH ADJUSTABLE CONTACTS; COVER, CORD, AND PL-55. #W-202/5854, \$3.95 EA. 3/\$10.



TWIN PADDLE KEY MADE FROM A-202 BY R.N. MASON W/BN 551 TURNER ALSO SMALL HARDWARE & FINDINGS IIMA, OH 45804

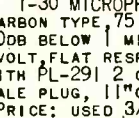


RS-83 100 OHM CARBON MICROPHONE w/ DETACHABLE CORD 4 1/2" & SW. **SOUND POWERED HANDSET** WITH COILED CORD 1-4" BROOK-TEL BTU-1 NEW \$13.95

T-45 MICROPHONE CARBON TYPE 100 OHM 50DB BELOW 1 MILLIVOLT, FLAT RESPONDS WITH PL-291 2 CONT MALE PLUG, 11" CORD NEW \$2.00



CD-307 CORD EXTENSION FOR CORDS WITH PL-54 PLUG AS USED ON HEADSETS, 65" LG WITH JK-26 JACK & PL-55 PLUG. USED \$1.50

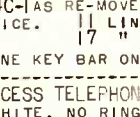


T-30 MICROPHONE CARBON TYPE, 75 OHM 50DB BELOW 1 MILLIVOLT, FLAT RESPONDS WITH PL-291 2 CONT MALE PLUG, 11" CORD MALE PLUG, 11" CORD PRICE: USED 3/\$1 UNUSED \$1.50
PL-55 RECEPTACLE WITH PL-55 PLUG ON END 3 FT. CORD #R16-G34820 NEW \$1.00

STANDARD TELEPHONE EQUIP.



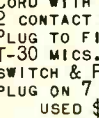
CALL COMMANDER SWITCHBOARD NE634C-1AS RE-MOVED FROM SERVICE. 11 LINES \$24.95 17 " 34.95 5 LINE KEY BAR ONLY \$8.00
PRINCESS TELEPHONE, BEIGE OR WHITE, NO RINGERS, AS REMOVED FROM SERVICE \$14
 WT: 20 LBS.



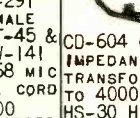
DESK SET (AE) WITH DIAL, 6 BUTTON 5 LINE 1 HOLD, WITH CORD, CABLE & PLUG, AS RE-MOVED FROM SERVICE \$15
DESK SET (SC) WITH DIAL, SIMILAR TC AE. SC#1543 RE-MOVED F/SERVICE \$10
AMPLIFIED HANDSET WITH VOLUME CONTROL J11 \$12
WE F-1A 20 CYCLE CHIME RINGER RE-MOVED SER \$6



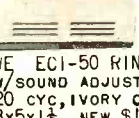
MODERN TELEPHONE HANDSET w/4-COND. 15" - 84" COIL CORD
 NEW, PEARL GRAY, \$4.95
SOUND POWERED HEAD & CHEST SET



CD-318 EXTENSION CORD WITH PL-291 2 CONTACT FEMALE PLUG TO FIT T-45 & T-30 MICS. SW-141 SWITCH & PL-68 MIC PLUG ON 7 FT. CORD USED \$2.00
PL-68 MIC PLUG 30" CORD 75¢



CD-604 CORD WITH IMPEDANCE MATCHING TRANSFORMER 500 OHM TO 4000, USED WITH HS-30 HEADSET, 6" CORD & PL-54 PLUG. NEW 50¢ USED 25¢
CD-605 CORD SAME AS CD-604 ONLY 30" LG. WITH PL-55 PLG NEW \$1.25
PL-55 PHONE PLUG 30" CORD 75¢



WE ECI-50 RINGER w/SOUND ADJUSTMENT 20 CYC, IVORY ONLY 3x5x1 1/2. NEW \$10
WALL TELEPHONE STRAIGHT 20 CYCLE RINGER 5x10x3; 5LB WE5M USED \$12.00



DESK SET AE 850 WITH DIAL 2 LINE w/ CABLE, AS REMOVED FROM SERVICE, NO COLOR CHOICE IF AVAILABLE, WILL SEND \$13
TELEPHONE 5 LINE HOLD KEY BOX AE 7030, CAN BE USED WITH REGULAR TELEPHONE OR ANY OTHER SWITCHING REQUIREMENT, w/ AMP. CONN 57-10500-7. S. 5x5 1/2 x 2 1/2; 3LBS. U \$8
WE-302 TELEPHONES; OLD, ANGULAR STYLE. STRAIGHT OR COIL CORD (NO CHOICE); BLACK. USED, \$6.95



MICROPHONE DYNAMIC 6' CORD, STD. PLUG, PUSH SW. PULL OUT HOLDER WEBCOR 395 NEW \$2.50
SOUND POWERED HEAD & CHEST SET. MIC ON BREAST PLATE 20" CORD. RUGGED UNIT. NO BATTERIES NEEDED. USED \$15.00
MICROPHONE SINGLE BUTTON CARBON HAND-HELD, PUSH SW. 4' CABLE w/ AMPHENOL 3 CNT. PLUG, ALUMINUM CONST. SK8-226-263 NEW \$7.95

COILED CORD SET
 THREE CONDUCTOR 24" TO 72" 75¢ 12" TO 36" 50¢
 FOUR CONDUCTOR 12" TO 36" \$1.00
 ONE CONDUCTOR #18 5 FT.-18 FT. \$1.00

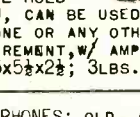
MC-385 HIGH TO LOW ADAPTER
 IMPEDANCE FOR HEADSET 4000-6000 OHM USED \$.50 NEW \$.75



STANDARD TELEPHONE HANDSET AND CORD, BLACK, UN-USED, \$4.50
NEWER STYLE NEW, \$5.95
STANDARD TELEPHONE DIAL USED \$1.50



HANDSET HOLDER FOR HORIZONTAL MOUNTING, SIZE 1 1/2 x 3 1/2 #6988 \$.50
TELEPHONE SWITCH KEY IN METAL BOX FOR MTG. LEVER TYPE SWITCH. MC-88003 FOR 2 OR 3 LINE. (SPECIFY) \$3.95




H-60 HANDSET: 150 OHM REC. 25-45 OHM MIC. PUSH SW. 7 COND. 5' COIL-CORD, IMPACT PLASTIC, WEA-PROF \$45.95
M-29 MICROPHONE; 40-100 OHM, PUSH SW. 6' CORD w/UG-77 PLUG, U \$3.95
M-52 SAME AS M-29 w/PL-68 U \$3.95

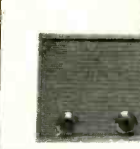


CHAMOIS HEADSET CUSHIONS 4" DIA. \$2.25 PR.
TELEPHONE BELLS USE AS EXTENSION IN SHOP ETC. 2 LB. 4x4x1 1/2 483661A \$1.50

TRAILER LIGHTS BALANCING LOAD ASSY. USED FOR TAIL AND STOP LIGHTS. CONTAINS RESISTORS 1.1 40 WATT, 1.5 40 WATT, .6 & .8 OHM 70WATT SIZE 7x2x4; 3 LBS. MOP#B7015812 \$1.50

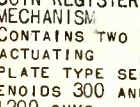


TELEMETER PROGRAM SELECTOR USED FOR PAY TELEVISION. CHOICE OF 3 PROGRAMS, PRE-RECORDED TAPE GIVES PROGRAM INFO. & AMOUNT OF MONEY THAT IS TO BE PUT IN REGISTER FOR EA. PROGRAM, AS SHOWN ON THE COIN REGISTER. A 8 MC. SIGNAL IS USED TO TRIGGER THE MECHANISM AND WE ASSUMED A 35 MC SIGNAL CARRIES THE VIDEO AND VOICE (ITEMS LISTED BELOW ARE PART OF THIS UNIT AND CAN BE PURCHASED SEPARATELY.) SIZE: 15x7x7; WT: 25 LBS. COMPLETE UNIT #1001/5 \$9.95

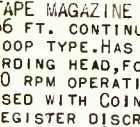


HIGH IMPACT PLASTIC CABINET ONLY #TELE-CAB.1001 \$3.00

COIN REGISTER MECHANISM CONTAINS TWO ACTUATING PLATE TYPE SEL ENOIDS 300 AND 1200 OHMS. CRAMER 115V60 CYCLE, 5 RPM SYNCHRONOUS MOTOR, OPEN FRAME 115 V. 60 CYC. GEARED MOTOR, WITH GEARED MECHANISM AS USED IN COIN OPERATED TV PROGRAM SELECTOR SYSTEM. ALSO GEARS, LITES COIN NUMBERING RECORDING DIALS ETC. SIZE: 7x5x6; WT: 8 LBS. TELE-REG.#1004 RE-MOVE \$5



TAPE MAGAZINE 1/4" 66 FT. CONTINUOUS LOOP TYPE. HAS RECORDING HEAD, FOR 20 RPM OPERATION. USED WITH COIN REGISTER DISCRIBED ABOVE. (NOT MOTORIZED) SIZE: 4x6x3; WT: 2 LBS. TEL-TAPE#1003 RE-MOVE \$3.00



TELEMETER CHASSIS; WITH 4" SPEAKER, 2 PLATE RELAYS, R.F. COILS FOR 8 MC. 115 V. 60 CY. POWER SUPPLY, OUTPUT 150VDC 100MA & 6.3V3A. 8135 CRYST. W/TUBES 3/6U8, 6BE6, 6BA8 & 12BH7 1EA. SIZE: 10x6x6; 10 LB TELE-CHASSIS#1002 RE-MOVE \$7

BRUSH SETS


BD-77 PE-73 DY-17 \$3.00 PER SET

DM-21	DM-25	DM-28	DM-32
DM-33	DM-34	DM-35	DM-36
DM-37	DM-40	DM-41	DM-42
DM-43	DM-45	DM-53	DM-64
BD-83		BD-93	BD-69

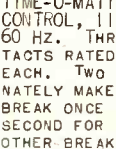
DA-1A PE-86 DA-12 DA-14 DA-1F SP-125 DY-21 DY-22

OTHER TYPES ALSO AVAILABLE SET OF FOUR BRUSHES \$1.00


TIMER BONANZA
TIMER CONTROL FROM CARTRIVISION VIDEO SYSTEM. CONTAINS 115 VAC 60 HZ TIMER MOTOR WITH SPDT CONTACTS; UP TO 8 HOUR DELAY. ALSO 18 VDC 200 MA TRANSFORMER; 12 VDC SPST RELAY; SPDT AND 4PDT (CENTER-OFF) SLIDE-SWITCHES; SPST MICROSWITCH; OTHER PARTS, \$1.95 EA, 3/\$5



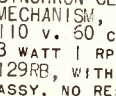
TIME-O-MATIC SIGN CONTROL, 115 VAC 60 HZ. THREE CONTACTS RATED 15 AMP EACH. TWO ALTERNATELY MAKE AND BREAK ONCE PER SECOND FOR 15 SEC; OTHER BREAKS FOR 20 SEC. AT THE SAME TIME. THEN ALL THREE MAKE AND THE CYCLE REPEATS. SIZE: 3x5x6; SHPG. WT: 5 LBS. #53 K-155, \$4.95



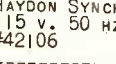
KEY SELECTOR CONSISTS OF MANUAL CLOCK MECHANISM FOR SENDING 17 IMPULSES, CAN BE SET TO CALL ANYONE AT 78 STATIONS, SPST LEVER SWITCH 2x2x4x4; 4C5100.60A \$1.50



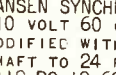
SYNCHRON CLOCK MECHANISM, No.610 110 V. 50 CYCLE 3 WATT 1 RPM #EC-129RB, WITH GEAR ASSY, NO RESET OR COVER. 2x2x2x2; 4oz. \$1.35



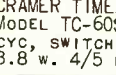
HAYDON SYNCHRONOUS MOTOR 115 V. 50 HZ. 3/4 RPM CW #42106 \$1.00




HANSEN SYNCHRON CLOCK MOTOR 110 VOLT 60 CYCLE 10 R.P.H. MODIFIED WITH SLEEVE OVER SHAFT TO 24 R.P.H. #A12-RC-12-62 \$1.50



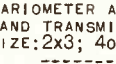
CRAMER TIMER SWITCH ASSY. MODEL TC-60SEC, 230 V 60 CYC, SWITCH 5 AMP. CONT. 3.8 W. 4/5 RPM MOTOR. \$1.95



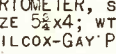
VARIOMETER, FOR USE WITH RECEIVER OR TRANSMITTER FOR MAX MATCHING OF ANTENNA TO SET TRANSMITTER MAX. 50 WATTS. USED WITH MARK 11 REC-TRAN. CAN BE USED W/OTHER SETS HAS 0-200 DIAL, 360 USED SIZE: 5x9; 8LB. PC75608 \$5



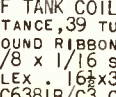
VARIOMETER AS USED IN COMMAND TRANSMITTER, SIZE: 2x3; 4oz. #7249 \$1




VARIOMETER, SERIES WOUND SIZE 5x4; WT: 5 LBS. WILCOX-GAY-PT#172428 \$3




RF TANK COIL; 100 MH INDUCTANCE, 39 TURNS EDGEWISE WOUND RIBBON, 4 TURNS FLAT 3/8 x 1/16 SIL-PL. ON MIC. ALEX. 16x3x3, COIL 8-7/E 2C6381B/C3 COLLINS \$10



AS-207/CRT-3 ASSY WITH 300 FOOT OF 16 STRAND BRAIDED CADMIUM ALLOY COPPER WIRE ON RL-48 REEL WITH CRANK MOUNTED TO ALUMINUM DOOR WITH ADJUSTABLE BRAKE AND SNAP SWIVEL USED AS ANTENNA FOR GIBSON GIRL TRANSMITTERS, WIRE IS ATTACHED TO BALOON OR KITE WHICH IS NOT SUPPLIED. SIZE: 4x2x2; 2 LBS. \$5.95



RELAY CONTROL UNIT WITH 4/24 VDC REED AND 3/24 V. P&B 4PDT RELAYS. ALSO 1500 MFD 100 VDC AND 3000 MFD 25 VDC CAPACITORS; 6' 11-CONDUCTOR CABLE; AND SOLA TRANSFORMER WITH 24 V. AND 75 VDC OUTPUTS. NICE CASE: 6x5x10 (TOP), 3x5x10 (BASE); 15 LB. #RCU1, \$9.95



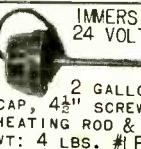
RECORDING TAPE
MAGNETIC TAPE FOR MOST AUDIO RECORDERS, 10 1/2" REEL; 3/4" WIDTH APPROX. 3600 FT LEADING MANUFACTURERS. WT: 2 LB AST3045 \$1.50 4 FOR \$5



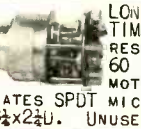
MYLER COMPUTER TAPE; 1/2" 1 1/2 MIL APPROX. 2400 FT. REEL IS IN LOCK TOP BOX. 3LBS USED URC-AMPEX 838 OR EQUAL. \$2.95 2/\$5




VERNIER SET ATC TIMER WITH 15 MIN. TIMING PERIOD. SYNCHRONOUS MOTOR OPERATES FROM 230V 60 CYC AND HAS SPDT CONTACTS FOR CONTROL OF INDUSTRIAL EQUIPMENT. SIZE 6x5x3x3 1/2 WT. 5 LBS. PRICE \$4.95 NEW



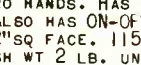
IMMERSION HEATER 24 VOLT AC/DC 50 W. WATTS 2 GALLON, 3" PRESS CAP, 4 1/2" SCREW CONE, 12" HEATING ROD & 5 FT. CORD. WT: 4 LBS. #LFCEA8801 \$2.95



LONG DURATION TIMER WITH 115V RESET RELAY. 115V 60 HZ 1/16 RPM MOTOR. CAM ACTUATES SPDT MICRO SWITCH. 3x2x2 1/2. UNUSED \$2.95



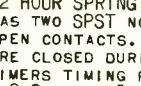
ILLUMINATED CLOCK MECHANISM AS USED ON CLOCK RADIOS. CLEAR PLASTIC FRONT TO TRANSMIT LIGHT, NO HANDS. HAS 60 MIN TIMER ALSO HAS ON-OFF-AUTO ALARM 2" SQ FACE. 115V 60 HZ. SH WT 2 LB. UNUSED \$1.50



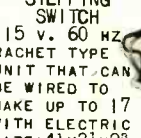
ELECTRIC TIMER ONE HOUR, OPENS AT END OF PERIOD 115 V. 60 CYCLE CONTACT 230 V 25 A. ROBERTSHAW 700-2141 \$1.95



12 HOUR SPRING TIMER HAS TWO SPST NORMALLY OPEN CONTACTS. THESE ARE CLOSED DURING THE TIMERS TIMING PERIOD. 3x3x2 SH WT 2LB \$1.95




STEPPING SWITCH 115 V. 60 HZ. RACHET TYPE UNIT THAT CAN BE WIRED TO MAKE UP TO 17 CONTACTS WITH ELECTRIC RESET. SIZE: 4x3x2 1/2; WT: 1 1/2 LB. MILLER#109S288 \$2.95



ALLIGATOR CLIP WITH PINCH SPIKE JAWS AND SCREW HOLDER FOR WIRE, 2" LONG. 12 FOR \$1.00



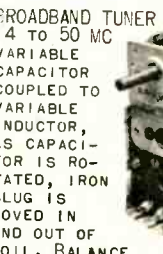
RADIO FREQUENCY SECTIONS TRANSMITTER RECEIVER 418-462 MC PART OF R/T-7/APN1



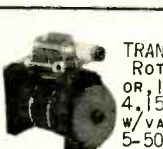
TRANSMITTER SECTION OSCILLATOR CAN BE ADJUSTED BETWEEN 425-440 MC. WITH TWO 955 TUBES (NO WOBULATOR) HOUSED IN ALUMINUM CAN 2 1/2x3x6"; 2 LBS. RE-MOVED FROM EQUIPMENT.

RECEIVER SECTION, BALANCED. DETECTOR WITH 2-9004 TUBES. HOUSED IN ALUMINUM CAN 2 1/2x3x6"; WT: 2 LBS. RE-MOVED FROM EQUIPMENT RT-7/APN-1 RECEIVER OR TRANSMITTER SUB-ASSEMBLY PRICE: WITH TUBES...\$1.50 LESS " .75

BROADBAND TUNER 14 TO 50 MC VARIABLE CAPACITOR COUPLED TO VARIABLE INDUCTOR, AS CAPACITOR IS ROTATED, IRON SLUG IS MOVED IN AND OUT OF COIL. BALANCE OF ASSY. CONSISTS OF CERAMIC OCTAL SOCKET, RESISTORS AND CONDENSORS TO MAKE RF TUNER. SIZE: 3x2x3; WT: 1LB. RT-45 TUNER ONLY \$1.95



TRANSMATCH ASSY. ROTARY INDUCTOR, 16 TURNS, 5-4, 15 MICRO-HY. W/VARIABLE CAP. 5-50 MMF. 2000V RE-MOVED FROM EQUIP. DESIGN FOR 14-50 MHz. SIZE: 2 1/2x5x5 4 LBS. #88W502 \$6.95



ROTARY INDUCTOR ONLY, DESCRIBED ABOVE 45L-102 \$3.95

CAPACITY TUNER WITH AUTOTUNE 160 TO 211 MC WITH COND. RESISTORS 2/50-239 1/2C26 TUBE. 7x5x5x5 7 LBS. WITH TUBE \$2.95




RT-58/ARC-12 CHANNEL SELECTOR AND MOTOR ASSY. 10 POSITION AUTOTUNE MOTOR DRIVEN 26.5 VDC WITH 2 SHAFTS 60 RPM ALSO RELAYS. 4x6x3 1/2; 5 LB. #596C-1 \$2.95



BUZZER 24/28 VOLTS D.C. IN SEALED CAN. TWO HOLE MGT. SIZE: 3x2x1 1/2; WT: 1 LB. #MH-12079 \$.75




RATE-GYRO No. 8511364 28 VOLTS D.C. GYRO MOTOR WITH POTENTIOMETER. WESTERN ELECTRIC GA-10147-3 SIZE: 2 1/2x2 1/2x4; WT: 3LB. \$4.95

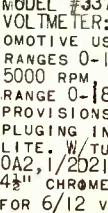


AUTOMOTIVE
THE AUTOMOTIVE TEST EQUIPMENT LISTED BELOW IS FROM THE HEYER INDUSTRIES DYNAMOMETER AND MOTOR TUNE-UP EQUIPMENT LINE MADE FOR SERVICE STATION USE AND EVEN THOUGH IT IS OF OLD DESIGN IT MAY BE STILL BE USED FOR WHAT IT WAS INTENDED BUT WE DO NOT MAKE ANY GUARANTEE


COIL & CONDENSER TESTER W/OHM METER FOR AUTOMOTIVE USE VIBRATOR SUPPLIES THE NORMAL CURRENT TO THE COIL AT PROPER DWELL. CAPACITORS ARE CHECKED FOR CAPACITY, LEAKAGE, RESISTANCE ET ASIDE FROM THESE METER ALSO HAS A 100,000 OHMMETER SCALE. METER IS 4 1/2" SATIN/CHROME 500 MUA 2% ACCURACY. VOLTAGE REQ. 6/12 VDC #332 W/TUBES 1/12AU7, 1/0A2, 1/6X4 SIZE: 14x5x6; 10LBS \$14.95 U



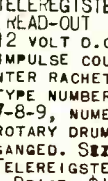
MODEL #372 TACH & VOLTMETER; FOR AUTOMOTIVE USE. TACH RANGES 0-1000 & 0-5000 RPM. VOLT DC RANGE 0-18 ALSO PROVISIONS FOR PLUGGING IN TIMING LITE. W/TUBES 1/0A2, 1/2021. METER 4 1/2" CHROME 500 MUA FOR 6/12 VDC OPER. SIZE: 13x5x5; 8 LBS. \$14.95U



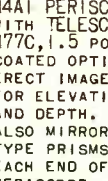
DUAL TESTER; R.P.M. 0-1000 & 0-5000 SC. VOLTS SCALE 0-18 VDC LOWER METER IS FOR TESTING SPARK ADVANCE. ALSO PUG FOR TRANSDUCER ADAPTER. USES TUBES 1 EA. 2021 6A5, 6AU6, 5696 AND No. 336 2/0A2. Two 4 1/2" METER 500 MUA CHROME. COND. USED SIZE: 13x5x5; WT: 13 LBS. LESS TUBES \$9.95 W/TUBES \$15



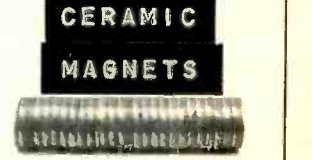
TELEREGISTER READ-OUT 12 VOLT D.C. IMPULSE COUNTER RACHET TYPE NUMBERS 0-1-2-3-4-5-6-7-8-9, NUMERAL 1" HIGH ON ROTARY DRUM, UNITS MAY BE GANGED. SIZE: 3 1/2x1 1/2x1 1/2 LE TELEREIGSTER K-1 PRICE: \$1 EA. 6 FOR \$5



M4A1 PERISCOPE WITH TELESCOPE M77C, 1.5 POWER, COATED OPTICS, ERECT IMAGE ADJ. FOR ELEVATION AND DEPTH. ALSO MIRROR TYPE PRISMS EACH END OF PERISCOPE. SIZE: 6x11x1 1/2; WT: 9 LBS. PRICES: COMPLETE UNIT \$12. PERISCOPE LESS TELESCOPE \$7. TELESCOPE ONLY M77C \$8. PRISMS ONLY \$1.50



CERAMIC MAGNETS
CERAMIC MAGNETS W/KEEPERS 26 DISC'S 2 1/2" DIA. 3/4" TH. IN TRAVELING WAVE TUBE CASING, 10x LG. 5 LBS. TW-MAG-7740 \$3.00



MINIMUM ORDER \$5.00

MODULAR POWER SUPPLIES



LAMBDA MODULAR POWER SUPPLIES, RUGGED SOLID-STATE. REGULATED 0.03%. REMOVED FROM EQUIPMENT BUT IN EXCELLENT CONDITION. RATINGS ARE BASED ON A 60 HZ VAC INPUT; OUTPUT V-% AND AMPS @ 40° CENTIGRADE.

MODEL	INPUT	OUTPUT	PRICE
LMB-20	105-132	20V 1.8A	\$35.00
LMCC-5	105-132	5V 10.5A	50.00
LMCC-5V	205-250	5V 10.5A	50.00
LMCC-20	105-132	20V 5.0A	50.00
LMCC-20V	205-265	20V 5.0A	40.00
LMD-20	105-132	20V 7.4A	60.00
LMD-20V	205-265	20V 7.4A	60.00
LME-5	105-132	5V 20A	70.00

PACKAGE SIZE: (B) TYPE: 3 1/2x5x6 1/2; (CC): 5x5x9 1/2; (D): 5x7 1/2x9 1/2; (E): 5x7 1/2x11 1/2.

LRA RACKS FOR LAMBDA MODULAR UNITS AVAILABLE

SPERRY SOLID STATE P.S. 115/230v. 60Hz. OUTPUT 6VDC @ 3.5A. OR 12.03A @ 230V INPUT SIZE 8x10x11; 25 LBS. #4124957 \$24.95

OUTPUT 6VDC @ 5A., -12VDC @ 2.5A. & 48VDC @ 5.5A SIZE: 20x9x8; 40 LBS. #411328 \$39.95

OVER-VOLTAGE PROTECTORS FOR USE WITH THE ABOVE LAMBDA POWER SUPPLIES:

LM-OV-2	6-20 VDC	UNUSED-BOXED	\$10.00
LM-OV-3	18-70 VDC	UNUSED-BOXED	\$10.00

LAMBDA HIGH CURRENT POWER SUPPLIES, LTU. QTY

LMF-A-5	"	105-132v. 5V 31.5A	\$150
LMF-5-0V-V	"	205-265v. 5V 48A	150
LMF-A-20	"	105-132v. 20V 16A	125
LMF-20-V	"	205-265v. 20V 23A	150

OTHER MANUFACTURER'S SOLID-STATE REGULATED POWER SUPPLIES WITH 60 HZ INPUT VOLTAGES:

CON AVIONICS	INPUT	OUTPUT	PRICE
HT-39-1.75A-5.15	115v.	39V 1.75A	\$30.
HT-20-5.6A-515	115v.	20V 5.6A	\$50.
HS-20-15.5-896	220v.	20V 15.5A	\$75.
NJE-HS-20-15.5-515	216-264v.	"	\$75.

DRESSER-BARNES WITH REMOTE SENSING, 26859 210-250v. 20V 3A NEW \$30

26858 210-250v. 20V 9A NEW \$60

27091 208, 220, 240v. THREE PHASE, UNREGULATED, 10V 6A AND 50V 3A NEW \$25

ELECTROSTATICS MODEL 50; INPUT: 103-127 v. 50-400 HZ. OUTPUT: 18-22 VDC @ 2 AMPS. LESS COVER. 6 1/2x5x4 WT.: 10 LBS. NEW \$25

NORTH ELEC. P.S. 105-132v. 40-440Hz. OUTPUT 3.7VDC @ 14A. (MODULAR) 9 1/2x5x7 1/2; WT: 17 LBS. #N14003KA NEW \$35.00

NORTH ELECT. P.S. 115/230v60Hz, OUTPUT 6VDC @ .5A.-6VDC.5A -12VDC@1.6A: -28VDC@ 4A. SIZE: 21x5 1/2x5 1/2; WT: 28 LBS. #PEC2754 \$29.95

NORTH ELECT. 115/230v. 60Hz. OUTPUT 5VDC 42 A. 15VDC 5 A. -15VDC 5 A. -18VDC 12 AMP. 24 VDC 10A. 250VDC 200 MA. SIZE: 24x7x16; WT: 150 LBS. #PEC3496 \$100.

WANLESS 1-0EM IC POWER SUPPLY; OUTPUT: 24 v. @ 2.5 AMPS. REGULATED; AUTOMATIC FOLDBACK CURRENT LIMITING. FLOATING + AND - OUTPUTS. AC INPUT; SOLID-STATE. SIZE: 5x5x6; WT: 10 LBS. NEW, \$27.95



GENERATOR

GENERATOR G - 24 AC - DC

115 V. 800 CYC 10.5 AMPS. 24 V. D.C. 60 "

SPLINE SHAFT SIZE 7/8x1 1/2

SIZE: 6x7x13; WT: 45 LBS. RE-COND. \$24.95



BELL SYSTEM POWER SUPPLY 105-130 VOLT 60 HZ. OUTPUT 18VDC .6 AMP 20VDC 1.0 "

9VAC 2.8 AMP & 18VAC 1.4 AMP. FUSED & AC CORD. SIZE: 6 1/2x4 1/2x6 1/2; WT: 22LB #J86731A USED \$6.75



3 PHASE 100 VOLT-AMPERES. SIZE: 7 1/2x4 1/2x5; WT: 7 LBS. USED \$14.95 CONNECTOR \$2

EICOR INVERTER INPUT: 27.5 VDC 9.2 AMP. OUTPUT: 115V 400 CYCLE

VOLTAGE REGULATED POWER SUPPLIES



MODEL #28 200-325 VDC @ 100 MA. & 6.3 VAC @ 3 A. RACK MTG. \$20

MODEL #28M WITH METERS \$30

MODEL #29M WITH METERS 100-200 VDC @ 100 MA. 6.3 VAC @ 3A. R-MTG \$35

MODEL #33M W/METERS 100-200 VDC @ 300 MA. 6.3 VAC 2/6.3A. R.M. \$45

MODEL #50M W/METERS 0-500 VDC @ 500 MA. W/VAR. TRANS. 2/6.3VAC5A. F/BENCH USE \$100

MODEL C-280 0-200 VDC @ 200 MA. 1/6.3 VAC 10 A. \$55.00

MODEL C-280M W/METERS \$65.00

MODEL C-281M W/METERS 125-325 VDC @ 200 MA. 6.3VAC@10A. RACK M \$50.

MODEL C-480 0-200 VDC @ 0-400 MA. 6.3 VAC@15A. W/VAR. TRANS RM \$65

MODEL C-480M W/METERS \$75

MODEL C-481M W/METERS 125-325 VDC @ 400 MA. 6.3VAC@10 RACK MTG \$50

MODEL 1581M W/METERS 125-325 VDC @ 0-1500 MA. W/VAR. TRANS. 6.3VAC @ 30 A. RACK MTG. \$125

OREGON MODEL D6 REG. POWER SUPPLY, 0-150 & 0-600 VDC @ 500 MA AND 2/6.3 VAC 10 AMPS. RACK MOUNT, \$80.

PP-2766/URA-36 XMITTER POWER SUPPLY BY TMC. INPUT: 115/230 VAC 50-60 HZ OUTPUT: 2800 VDC 600 MA. WITH ONE 5600 VCT 600 MA TRANSFORMER AND ONE 5 VCT 15 AMP; TWO 4832 TUBES. RACK MOUNT; SH WT: 200 LBS. USED, \$150.

DYNAMOTORS

TYPE	USED	RENEW	TYPE	USED	RENEW
DM-25	2.95	4.95	D-401	6.95	
DM-28	6.95		D-402	6.95	
DM-32	2.95	4.95	D-401(SPEC)	8.95	
DM-32(12 v)	4.95	9.95	DY-9	9.95	
DM-33 (WRITE AV)			DY-10	12.95	
DM-34	2.95	4.95	DY-17	18.95	
DM-35	20.00		DY-21	8.95	
DM-36	2.95	6.95	DY-22	9.95	
DM-37	13.00				
DM-40	5.95		DA-6A	8.95	
DM-41	5.95		DA-1F	11.00	
DM-42	15.00		DA-14	8.95	
DM-43	15.00				
DM-53	4.95		BD-77	19.95	
DM-53	5.95	(12V)	BD-83	8.95	
DM-64	7.95				

ADVISE US OF YOUR REQUIREMENTS OR WRITE FOR SPECS. PE-86 5.95 PE-98 8.95(COMP) PE-98 4.95(DYN) PE-94 9.95

CARTER MA-2503; INPUT 6 VDC 6.3 A. OUTPUT 250 VDC 30 MA. SIZE 3 1/2x5x3; WT. 6 LBS. USED \$4.95

41S14 F/COLLINS 618; INPUT 27.5VDC 22 AMPS. OUTPUT 650 VDC 550 MA. & 250 VDC @ 150 MA. SIZE 9x14 N \$15

DYNAMOTOR DM-35 INPUT 12 VDC @ 18.7 AMP. OUTPUT 625 VDC @ 225 MA SIZE: 4 1/2x4 1/2x8 1/2; 13 LBS. UNUSED \$20

INVERTERS



EICOR INVERTER X3516-1 INPUT: 27.5 VDC 165 AMPS. OUTPUT: 115 VOLT 400 CYCLE 2500 V.A 1 PHASE SIZE: 16x11 1/2x8; WT: 75 LBS. EXCELLENT COND. \$49.50

PU-7 INVERTER

INPUT: 28 VDC 160 AMPS. OUTPUT: 115 VAC. 400 CYCLE 21.6 AMP. 1 PHASE SIZE 19 1/2x8 1/2x10 1/2; 100 LBS. PRICE: UNUSED \$49.50

5AS13N3 INVERTER

INPUT: 26 VDC 100 AMPS. OUTPUT: 115 VAC 400 CYCLE 1500 VA 1 PHASE SIZE: 14x9 1/2x6; WT: 50 LBS. PRICE: UNUSED \$45.00

MG-149F INVERTER INPUT: 24 VDC 36 A. 750 VA. OUTPUT: 115 V. 400 CYCLE 1 PHASE 500 VA & 26 V. 400 CYCLE 1 PHASE 250 VA. SIZE: 12x8 1/2x8; WT: 25 LBS. PRICE: GOV. RECOND. \$39.50

INVERTER INPUT 27.5VDC 60A OUTPUT 115 V 400 CY 750 W 3 PHASE 26 V 400 CY 50 W 1 PHASE SIZE 11x10x6; WT: 4 LBS. LELAND#10285 USED \$34.95

JACK & HEINTZ INVERTER INPUT: 27.5 VDC 150 AMPS. OUTPUT: 115/200 VAC 1/3 PHASE, 2250/2500 VA 400 CYC SIZE: 20x12x8; WT: 75 LBS. J&H F-45-3 OR EQUAL USED PRICE: USED, REPARABLE \$75

PU-43/A-800-1 INPUT: 24 VDC @ 75 AMPS. OUTPUT: 115 V. 800 CYC. 1 PHASE 10.5 AMPS. WT: 35 LB. SIZE: 4 1/2x8x12. USED \$14.95

JACK & HEINTZ F-132 INVERTER INPUT 27.5 VDC @ 100 AMPS. OUTPUT 115 V. 400 CYCLE 1500 VA 3 PHASE SIZE: 16 x 11 x 7; WT: 55 LBS PRICE: USED \$75.00

F-147 INVERTER INPUT 27.5 VDC @ 180 AMPS. OUTPUT 115 V. 400 CYCLE 2500 VA 1 PHASE SIZE 18x11x7; WT: 75 LBS. PRICE: USED \$75.00

JACK & HEINTZ INVERTER #AN-3532-2 INPUT 27.5 VDC @ 20 AMPS. OUTPUT 115 VOLT 400 CYCLE, 3 PHASE, 250VA VOLTAGE REGULATED. SIZE: 12x7 1/2x4 1/2; WT: 20 LBS. FED#6125-617-0967 USED \$14.95 RE-COND. \$22.95

1000 VDC 350 MA

BD-77 DYNAMOTOR; INPUT: 14 VDC 39 AMPS. OUTPUT: 1000 VDC 350 MA. SIZE: 11x10x6 1/2 SHPG. WT: 40 LBS. \$19.95

PE-73 DYNAMOTOR; SAME AS BD-77, BUT WITH 28 VDC 19 AMP INPUT, RECOND. \$40.00

DM-42 DYNAMOTOR; INPUT: 12 VDC 39 AMPS. OUTPUT: 1030 AND 515 VDC @ 215 MA. 7x7x11; 42 LB. RECOND. \$15.

VIBRATOR POWER SUPPLY, USED WITH AN/PIP-1A PUBLIC ADDRESS SYSTEM. INPUT: 5.2 TO 6.2 DC VOLTS; OUTPUT: 300 VDC 60MA, 50 VAC. SIZE: 4 1/2x3 1/2x2 3/8 LBS. #H17VD-11077 NEW \$5.95

PE-104 POWER CONVERTER. 6 OR 12 VDC INPUT, OUTPUT 90 VDC, 1 1/2 VDC AND -45 VDC. SIZE: 4x4x7; WT: 10 LBS. NEW \$3.95 W/EXTRA VIB. \$4.95

PP-855/PRC-14 VIBRATOR POWER SUPPLY WITH FILTER NETWORK. 6 VOLTS DC INPUT, 5.35 AMP OUTPUT 135 VDC @ 155 MA. SIZE: 7 1/2x2 1/2x2 1/2; WT: 3 LBS. NEW \$4.95

DUAL SIX VOLT D.C VIBRATOR POWER SUPPLY. OUTPUT 540 VDC @ 150 MA. CAN BE TAPPED AT 270 VDC. WITH 2/024 TUBES. SIZE: 9x6x5; WT: 10 LBS. STK#3H6694-5 NEW \$7.95

HIGH VOLTAGE

ACE HIGH VOLTAGE POWER SUPPLY; OUTPUT: 3000 VDC 50 UA APPROX. INPUT: 115 V. 60 HZ. USES TWO 1B3 RECTIFIER TUBES. WITH MOUNTING FLANGE. SIZE: 6x7x2; SHPG. WT: 8 LBS. UNUSED. #ACE-HV3000, \$5.95 SPECIAL!! 2 FOR \$10.00

RA-120 AC POWER SUPPLY FOR BC-620 AND BC-659 RECEIVER-TRANSMITTERS. VOLTAGE REQUIRED 115 OR 230 VOLT 50-60 HZ. FASTENS TO BOTTOM OF REC.-TRANS. SAME AS PE-97, 117 & 120 POWER SUPPLIES. SUPPLIES ALL VOLTAGES NEEDED FOR SETS. SIZE: 5x14x15; 30 LBS. REPARABLE \$25.00

PP-18 CONVERTER 12 VDC 4 AMP TO 24 VDC 1.5 AMP. PARRALLEL FOR MDRE CURRENT. WITH VIBRATOR ALSO PLUG SIZE: 6 1/2x5 1/2x8 1/2; WT: 10 LBS. NEW \$4.95

HARDWARE KIT: CONTAINS 50 CLAMPS OF 5 DIFFERENT SIZES, 20 SCREWS, 5 TYPES, 15 WASHERS, 7 LUGS, 4 HEX. NUTS, 8 SPACERS. #RC298 5LB. \$1.00



RUBBER SHOCK MOUNTS

4 LB.	#4	\$.30
6 "	#6	.35
10 "	10	.40
12 "	12	.50
16 "	16	.60
24 "	24	.75
35 "	#5215	.75

OTHER TYPE MOUNTS AVAILABLE IN LIGHTER & HEAVIER. ADVISE NEED

TUBE SOCKETS

OCTAL CERAMIC 2 HOLE MTG. \$.25
 " RING " " .15
 " BLACK " " .15

LOCTAL MICA 2 HOLE MTG. .35
 4 PIN CERAMIC 2 " " .35

JUMBO 4-PIN, FOR 8008 AND SIMILAR; JOHNSON 244, \$1.00 EA.

6 " " 2 HOLE " " .29
 7 " " " " " .29
 4 7/8 7/9 PIN WAFER " " EA. .10
 7/9 PIN MICA SMALL " " " .20
 9 PIN CERAMIC " " " .35
 METAL SHIELDS SMALL 7-9 " .10
 750TL/1500T, JOHNSON 214, 2.00
 829 CERAMIC SOCKET .75
 872 " " W/SHOULDER .75
 811/866 " " W/ " .75

GIANT 4 CONTACT CERAMIC FOR 872, 211 ETC. 3/4" RD. GE #ML7461594-G1 PRICE: USED \$3.39

GIANT 4 CONTACT CERAMIC SOCKET FOR 715, 718 ETC. 3/4" RD. STK #227684.98 PRICE: NEW \$1.00

TERMINAL STRIPS WITH CLIPPED WIRE

BARRIER TERM. STRIPS AVAILABLE, 3/4, 1 & 1 1/2" WIDTHS, 2 TO 16 TERMINALS. TWO TERMINAL 20¢ EA. EACH ADDITIONAL TERMINAL 3¢. WE WILL SHIP CLOSEST TO YOUR ORDER.

HEAVY DUTY TERMINAL STRIPS. APPROX. 2" W X 1" D.

6 TERM. 4 1/2 LG \$1.50 12 TERM. WITH 8 " 6 " 2.00 SCREW DOWN
 12 " 8 1/2 " 3.00 HOLDER TYPE \$4

TM-175 BINDING POST 1/2x5/8" DIA. HEAD; 1/4" LG #8 THREAD. BRASS. 4/\$1.00

TWO 4X150 TUBE SOCKETS MOUNTED ON CHASSIS AS WAS USED IN T-195 TRANSMITTER MODULATOR. SIZE 4 1/2x3x2 1/2; 1 LB. T-195/4x150 \$10

ENERGY STORAGE

ENERGY STORAGE CAP. 7.5 MFD., 20K VDC .06 UH IND. OSCILLATORY DUTY, 75K PEAK AMPS. CASTOR OIL FILLED. SIZE: 1 1/2x1 3/4x5; 65 LBS GE #14F666G5 \$50

OCTAL TUBE SOCKET TEST ADAPTER WITH VOLTAGE TEST POINTS FOR SOCKET PINS. 1 1/2x1 1/2" DIA. VECTOR T-8-0. #U-102/U, 50¢ EA.

Capacitors



MFD	VDC	SIZE	PRICE
24000	3	4x3	\$1.00
2000	15	1 1/2x4 1/2	.59
1100	25	1 1/2x4	.75
50	150	2 1/2x4 1/2	1.50
14	220	3 1/2x2x1	.75
4	400	2 1/2x4x1	.50
2	600	2 1/2x2x1	.50
3	600	1 1/2x3x1	.50
4	600	3 1/2x2x1	.65
6	600	4 1/2x2x1	.75
7	600	4x4x2	.85
8	600	3 1/2x5x1 1/2	1.00
10	600	3 1/2x4 1/2x1	1.25
1.3	950AC	5x4x1 1/2	3/4
1	1000	1 1/2x2x1	.50
2	1000	1 1/2x4x1	.75
4	1000	2 1/2x4x1	1.00
8	1000	3 1/2x4x1	1.50
10	1000	3 1/2x4x1	1.75
2x.5	1000	4 1/2x5 1/2x2	3.00
2	1500	2 1/2x4x1 1/2	1.00
1	2500	3 1/2x4x1 1/2	1.00
3x1	1200	3 1/2x4x2	.75
1	1200	2 x3 x1	.50
1	2000	2x3x1	1.00
10	1500	4x4x3 1/2	3.25
2	2500	2 1/2x4 1/2x1	3.00
1	3000	3 1/2x4 1/2x2	1.00
2x.1	4500	3 1/2x3 1/2x1 1/2	1.00
1	5000	8 1/2x4 1/2x3 1/2	4.00

COMPUTER GRADE

MFD	VDC	SIZE	PRICE
28000	15	2 1/2x4 1/2	2.00
20000	25	3 x4 1/2	2.00
16500	30	3 x4	2.00
24000	30	2 1/2x4	2.25
25000	30	3 x4 1/2	2.50
18000	35	3 x4	2.50
16000	40	3 x4	2.75
30000	40	3 x4 1/2	3.00
48000	40	3 x5 1/2	4.00
51000	40	3 x4 1/2	4.50
12500	50	3 x4	2.25
23200	50	3 x4	3.75
22000	75	3 x6	4.00

AC CAPACITORS

MFD	VAC	SIZE	PRICE
1.3	950	5x4x1 1/2	3/4
.5	660	2 1/2x2x1 1/2	1.00
8	660	6x2x2	2.00
10	660	5x3x2	2.50
5	220	3 1/2x1x4	1.00
47-58	220	2 1/2x4 RD	2.00
3.9	330	1x2x4	1.00
4	330	2x6	1.00
7	330	3 1/2x3x1 1/2	1.25
3	660	3 1/2x4x1 1/2	.75
4	370	1 1/2x2x2 1/2	.75
10	370	6x1 1/2 RD	1.25

HIGH VOLTAGE

MFD	VOLTS	SIZE	PRICE
1	10000	13x12x4	12.00
0.5	12500	13x12x4	3.00
1	15000	3x12x4	15.00
1	18700	15x14x5	20.00
2	20000	15x12x10	50.00

OTHER VALUES IN STOCK. WRITE

PHOTO-FLASH CAPACITOR 25.6 MFD 1000/2000 VDC INTERMITTENT. RE-MOVED FROM EQUIPMENT GE25F454 3 LBS. \$7.50

SYNCHRO CAPACITOR 3x10 90 V 60 HZ. 4 1/2x4 1/2x4 1/2 \$7.50

CAPACITANCE DIVIDER 30 MMF 15kV. INS. RATIO 60:1 W/54" RG-11 & PL-259CONN. GE#C373179. 6x6x7 1/2. 6LBS \$7

ROTARY SWITCHES

CERAMIC ROTARY SWITCH; TWO DECK, 2-POLE 5-POSITION EA. 2" DIA. #REM/PP-115, \$1.00

ROTARY SWITCH, 2-DECK. ONE 4PDT MOMENTARY BOTH SIDES; OTHER 2PDT MOM. B.S. AND 1PST MOM. 1-3/8" DIA.; CERAMIC. #329825-20, \$1.00

ROTARY SWITCH, CERAMIC, 2" DIA. 3 POLE, 3 POSITION, 1 DECK 329825-34.1 NEW \$1.00

HEAVY DUTY ROTARY SWITCH, 10 AMP. 1-POLE 5-POS. WITH SCREW TERMINALS. 2x1 1/2" DIA. #5930-594-1015 PRICE: UNUSED, 89¢

ROTARY BAKELITE DPDT 2 SECTION, NON SHORTING, LOCK ACT 329826-34.2 75¢

ROTARY SWITCH 10 POLE, 4 POS. 5 DECK. 3 1/2x1 1/2. RW-39/31.9 RE-MOVED \$1.00

GE CERAMIC POWER SWITCHES 2-DECK 3-POSITION 2X3 INCH GE#ML746812-G1/403, \$2.50

GE HEAVY DUTY CERAMIC, TWO DECK 4 BREAK 3 MAKE, 2x4" #ML7464910-G1/407 \$1.95

GE HEAVY DUTY CERAMIC, TWO DECK 3 POSITION, 3x4" #ML7762999-G1/397 \$1.95

ROTARY SWITCH; ONE POLE 12 POSITION NO STOP, NO STOP; 1 1/2" DIA #AB-6442 75¢

ONE DECK/ONE POLE 12 POSITION WITH STOP. 1 1/2" DIA.; CERAMIC. #329825-62.178, \$1.25

TWO ON/OFF SWITCHES ON ROTARY WAFER 2 DECK, POLE 2, 5 POS. #333-9774 \$1.00

ROTARY SWITCH, BAKELITE WAFER, 1-POLE 11-POSITION, 1x1 1/2" 329825-92.3 50¢

ROTARY SWITCH, SINGLE GANG 4 CIRCUIT WITH 2 CONTACTS FOR EACH. DIA. 1 1/2" X 1" 329827.34 59¢ 2 FOR \$1.00

ROTARY SWITCH SINGLE 17 CONTACT DECK, ONE TIE DECK DIA. 2 1/2x1 LANS. SW-942-249 75¢ EACH 2 FOR \$1.25

ROTARY ACTUATOR WILL OPERATE FROM 12-28 VDC, 12 POS .110IN, 30 DEGREES EA. 2 1/2" SHAFT AND RODS FOR MOUNTING WAFER SWITCHES. MOUNTING 2 1/2x3 1/2" H. WT: 1 LB. #MX167869G1 \$1.50

ANTENNA CIRCUIT SWITCH 100 WATT 3/MAKE 3/BREAK SIZE: 4 1/2x2 1/2 IN. #329626 \$2.50

ROTARY SWITCH, BAKELITE WAFER; 2 DECK, 5 POSITION, 1 POLE MOMENTARY 5 POS. 2x2 1/2 SW-145 39¢ EA 3/9 \$1.00

CERAMIC ROTARY SWITCH, TWO DECK; 1-POLE 4-POS./DECK. 1 1/2" DIA. ACE#2-1P4P, \$1.50

Parts Kits

DISC CERAMIC CONDENSERS 33 ASST. 15MMF-.61MFD. Good Value \$1.25 a KIT

WIRE ASST. Six 25 FT. COILS; INSULATED. TINNED-COPPER, \$1.50

MICA CONDENSERS 25 ASST. 10 MMFD To 6800 MMFD. \$1.00 a KIT

TRIMMER CONDENSERS 25 ASST. 3 TO 280MMF WIDE RANGE \$1.00 KIT.

RESISTORS INSULATED ON BOARDS 50 ASST. 1/2, 1 & 2 Watt wide range of good values 50 ASST. \$1.50

RESISTORS WIREWOUND 25 ASST. 5 to 20 Watt. Wide range of values some tapped. 25 ASST \$1.00

VOLUME CONTROLS 10 ASST. Popular Values \$1.00

TUBE SOCKETS 20 ASST. Octals Locals Minatures Wafers etc \$1.00

PILOT LIGHT SOCKETS 25 ASST Bayonet Screw etc. \$1.00

TERMINAL STRIPS, Tie lug strips, ASST types. 25 for \$1.00

TERMINAL LUGS, ring spade, crimp types. Wide variety of sizes for all uses in clear plastic box. APPROX. 200 PCS. \$1.50

ROTARY SWITCHES ORDER NOW 6 for \$1.00

BATHS CONDENSER KIT 1 MFD. to 1. MFD. up to 600 Volt. 10 for \$1.00

HARDWARE KIT NUTS, WASHERS SCREWS, RIVET GROMMETS ETC. 1 1/2 LBS. \$1.50

COMPUTER GRADE



COMPUTER GRADE CAPACITORS OUT OF EQUIPMENT GUARANTEED

MFD	VDC	SIZE	PRICE
900	165	2x4 RD.	\$1.00
100	250	1 1/2x2 1/2	1.25
1400	99	2x4	1.00
3500	52.5	2x4	1.25
12000	11	2x4	1.25

ABOVE, IN LOTS OF 6, 20% OFF.

1700	200	3x5 1/2	4.00
3500	100	3x5 1/2	4.00
9400	40	1 1/2x4 1/2	2.25
13000	15	1 1/2x4 1/2	1.50
4500	55	2x4	2.50
13500	60	2x4	4.00
40000	20	2 1/2x4 1/2	2.75
73000	15	3x4 1/2	3.00

ELECTROLYTIC & PAPER 1000 UF 30 V; ELECTROLYTIC, 7/8x2 1/2, KS19658, 89¢

100 UF 350 V/40 UF 300 V; ELECTROLYTIC, 1 1/2x3 1/2, \$1.00

80/40/20 UF 150 V; 1x3 PAPER TUBULAR, 59¢

40/40 UF 150 V.; 1x2-1/8, PAPER W/BACKET, 59¢

150 UF 200 V.; 1 1/2x3 1/2, 59¢

140 UF 300 V.; 1x4 PAPER 59¢

40 UF 450 V.; 1x2 1/2 PAPER 89¢

47 UF 20 V; 1 1/2x2, TANTA, 65¢

RESISTORS

3/5 W, 20¢ EA; 10/25 W, 30¢

EMITTER RESISTORS

0.5 OHMS	10 WATT	WW
3.0 " "	10 " "	" "
2.0 " "	10 " "	" "
70 " "	10 " "	" "
2.43 " "	3 " "	" "
24 " "	5 " "	" "
70 " "	5 " "	" "
100 " "	5 " "	" "

BLEEDER RESISTORS

550 OHMS	20 WATT	WW
750 " "	25 " "	5%
700 " "	10 " "	5%
3900 " "	25 " "	FERRULE
1000 " "	25 " "	WW
15k " "	10 " "	" "
15k " "	3 " "	" "
100k " "	3 " "	CERAMIC

PRECISION RESISTORS

5K OHMS 1/2 WATT, 0.1%, 60¢

100K OHMS 0.3 WATT, 0.1%, WIREWOUND, 40¢ EA.

28K OHMS 1/2 WATT, 0.05%, WIREWOUND, 40¢ EA.

55 MEGOHMS, 10 WATT, 1%, DALE WIREWOUND, \$1.00 EA.

DALE PRECISION POWER RES. 100 WATT (3x3x1 1/2) IN VALUES: 45Ω (3%), 120Ω (1%), 450Ω (1%), 1400Ω (1%), \$2.50


250 WATT (4 1/2x3x2 1/2) IN VALUES 160Ω (3%), 600Ω (1%), \$3.00

250 WATT 1 OHM (5%), \$4.00


RESISTORS. PRECISION 25 ASST. ON BOARDS. WIRE WOUND OR CARBON 1% OR BETTER GOOD VALUES. \$1.00

50 TINY CAPACITORS SELECTED TINY ASST PAPER & CERAMIC X GOOD VALUES. \$1.50

TRANSFORMERS




PRI: 110/220 VAC
50-60 HZ
SEC: 12 V 9 AMPS;
44 V 2.5 A;
12.9 V 3.2 A;
12.9 V 2.0 A.
5x4x4; 22 LBS.
#P601719, \$12.95



PRI: 115 V 60 HZ
SEC: 15 V 3 AMPS;
13 V 2 A;
6.3 V 7 A.
WITH CAPACITOR,
4x3x3; 13 LBS.
#PV-175-9, \$5.95

PRI: 115 V 60 HZ
SEC: 12.5 V 2 AMP
150 V 2 AMPS
4x3x4; 13 LBS
#773605, \$6.95



STEP-DOWN/STEP-UP
PRI: 208/240/416/
449 V 50-60 HZ
SEC: 74/96/120 V
6x6x7; 42 LBS.
#M93-104, \$25.00

PRI: 115 V 60 HZ
SEC: 2/2.5 V 8 A.
1000 V-RMS TEST
3x5x3; 10 LBS SH
#2-258/1-199, \$3.

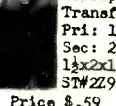
TF45X02YY
THREE PHASE
PRI: 171V 50-450CY
SEC: 28V @ 40A
6x7x9; WT. 45 LBS
PRICE: \$14.95




MICROPHONE TRANS
PRI: 40 OHMS
SEC: 75000 "
SIZE: 1x1x2
WT: 2 OZ.
229986-2/RM-12
PRICE: 75¢




MICROPHONE
PRI: 14.5-21 OHM
SEC: 4475-6500
OHMS
CARBON MIC.
2x3x2
#P7762352G1
\$1.00



Microphone
Transformer
Pri: 1 ohm
Sec: 2000
1x2x2
ST#229666A
Price \$.59




1-177
TUBE CHECKER
TRANSFORMER
SIZE: 4x4x4 5 LB
STK. # 229613.667
PRICE: \$4.95



PRI: 115
V 60 HZ
SEC: 40 V
15 AMPS
5x5x4; 4
18 LBS.
#25084455DCI, UN-
USED, \$9.95

PRI: 115/230 VAC
50-60 HZ
SEC: 5 VCT 10 AMP
3x5x3; 8 LBS.
#7346, NEW, \$4.95

PRI: 115/230V 60 HZ
SEC: 700VCT @ 120 MA.
5V/3A. 6.3V/4 A.
300 VCT @ 30MA.
SIZE: 4x5x4; 10 LB
RD60T3 \$4.95



ALL PRIMARIES
115 VOLT 60 CYCLE
SEC: 6V. @ 500 MA.
1x1x1; 3 OZ.
URC#1378648 \$1.25

SEC: 6.3 V @ 1 AMP
1x1x1; 3 OZ.
URC#115821 \$1.50

SEC: 2/14 V. 600 MA
2x1x2; 1 LB.
VARNEY 214/6 \$1.95


SEC: 2/30 V. 250 MA
2x1x1; 4 OZ.
URC#60605 \$1.50

SEC: 13 V. 1.5 A
3x1x2; 2 LBS.
#EDI-0-2, \$2.25



SEC: 24 V 1 AMP AC
3x1x1-5/8x2; 3 LBS.
#PC-977, \$2.95

AUDIO OUTPUT TRANS
PRI: 450 OHMS
SEC: 300/4000 OHMS
IMPEDANCE
PO/BC-348
STK# 2C4348M/T
2x2x4 WT. 2 LBS.
PRICE: \$1.00



OUTPUT
TRANSFORMER
NP/NS-1.77/6.5, 50
TO 5000 CYC. 5MA.
SIZE: 2x2x2
GEM 7465623-1
PRICE: \$.75

LOW VOLTAGE TRANSFORMERS

ALL PRIMARIES 105/110/115
120/125 VOLTS 60 CYCLE.

SEC: 6.6 V. 18 AMP
3x5x4; 12 LBS.
GE#9T35Y159 \$4.95

SEC: 6.6 V. 10 AMP
6.6 V. 1 AMP
5x4x3; WT: 10 LBS.
GE#9T35Y181 \$3.95

ALL PRIMARIES 115 V 60 HZ.

SEC: 6.3 VCT 3 A. AND 5 V.
6 AMP. 3x4x4; 4 LBS.
#229611.106 \$4.95

SEC: 2/6.3 V 2 A. 2x3x2
2 LBS SH. #0555, \$3.95

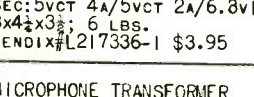
SEC: 3/6.3 V 2 A; 5 V 3 A.
3x4x3; SM WT: 7 LBS.
#GE80G114, \$3.95

SEC: 6.3 V 7.5 A; 6.3 V 5
A; 6.3 V 0.5 A. 3x4x4;
8 LBS. #L217328, \$4.95

SEC: 2.5 VCT 10 AMPS, 10
KV RMS TEST. 3x3x2; 8
LBS. SH. #P3060, \$3.95

PRI: 66 V 50 TO 63 HZ.
SEC: 15 V 25 AMPS
SIZE: 5x4x6; WT: 15 LBS.
#5950-660-7183, \$12.95

PRI: 230 VAC 60 HZ
SEC: 6.3 V 30 A OR 5.37 V
30 AMPS. 4x5x3;
13 LBS. #6510, \$4.95



2-5.3 VCT
35 AMP.

PRI: 105-125V 50/60 HZ
SEC: 2-6.3VCT 35 AMPS. EA.
7x6x5; 33 LBS.
SMITH#3002730 USED \$20.00

PRI: 120V 50/60 HZ.
SEC: 5VCT 4A/5VCT 2A/6.8VIA
3x4x3; 6 LBS.
BENDIX#L217336-1 \$3.95

MICROPHONE TRANSFORMER
PRI: IMPEDANCE 50 OHM 30MA
SEC: IMPEDANCE 500 OHM
FREQ. RESPONSE 400-1900CPS
SIZE: 1x1x1; WT: 8 OZ.
\$1.00 T-204/PP-115

LINE TRANSFORMER INPUT
PRI: IMPEDANCE 500 OHM CT
SEC: " 500 " "
FREQ. RESPONSE 600-12000CP
SIZE: 2x2x2; WT: 1 LB.
T-203/PP-115 \$1.50

PRI: 115 V
50-60 HZ.
SEC: 2000
VCT 500 MA
(700 MA INT)
7x5x5; SH.
WT: 32 LBS.
#SS-HW-201-P
USED, \$27.50

PRI: 7000 OHM CT
SEC: 265 " "
80 " "

ONE WINDING
POWER: 62.5 WATTS
RESPONSE: 1 DB
20-20,000 CPS
SIZE: 4x5x4; 20 LB
TF1A13MA \$4.95

HIGH VOLTAGE TRANSFORMERS

DC POWER SUPPLY
PRI: 115V 60 CY
SEC: -8000 V.
@ .25-1 MA.
-120V @ 15 MA.
-24V @ 1.2 A
-16V @ 1.5 A
SIZE: 4x4x9; WT: 15 LBS.
#GE9T63Y2280G03 \$14.95



IGNITION
TRANSFORMER
GE# 9T62Y4054
PRI: 120V 60H
SEC: 5000 V
20 MA. CASE GN
SIZE: 5x4x3; WT: 13 LBS.
#5950-529-6870 \$9.95

PRI: 115 VAC 60 HZ
SEC: 900 VCT 250
MA.
4x4x3; 15 LBS.
#SS-S-P243, \$9.95

PRI: 115/230 V. 60 HZ.
SEC: 520 VCT @ 90 MA.
6.3V/1 A. 6.3VCT 4A.
SIZE: 4x5x3; WT: 7 LBS.
#TB1R03LB/FGC-29 \$5.95

CHOKO FOR ABOVE 10/25 HY.
125/15 MA. 4x3x4; 4 LBS
#TF1R04LB/FGC-29 \$3.95

ISOLATION

6.3 TO 6.3

PRI: 6.3V 60HZ./SEC: DUAL
6.3V 1A. 3x3x2; 1LB.
FGC-512664A \$2.95

PRI: 105-110-115
120-125
SEC: 560CT 75 MA
365 V 150 MA
TAP335 V
3x5x3" 8 LBS.
#TF1A02JA \$1.95

NOISE FILTERS

RADIO INTERFERENCE
250 VOLTS AC/DC
3 AMPS. F-311/U
3x4x1; 12 OZ.
SNSN N175050968-
5555 \$3.95

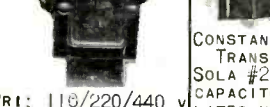
FILTRON FA-380 3x10 AMPS.
28 VDC 3x3x1; \$2.50

CORNELL-DUBILIER NF10501
4 AMP 50VDC 2x2x2 \$2.00

TOBE FILTERETTE 1426, 7.5
AMPS 500 VDC 2x1x1; \$2

TOBE 1163FL-23 10 AMP 30 V
DC 2x2x1, w/BACKET \$2

SPRAGUE JX-51K 10 AMPS, 100
VDC. SIZE 2x2x1; \$2



PRI: 110/220/440 V
50/60 CYCLE
SEC: 24 V 6 AMP.
6 V 1 "

CIRCUIT RESET FOR
4" sq. BX. MTG.
7x4x5; 10 LBS.
#5950-581-5333
FOSTER011586 \$6.95




PRI: 115 V 60 C
SEC: 6.3 V 3.6 A
15 V.004 A
15 V.004 A
SIZE: 3x3x3.4 LBS
STK#ORD7629806
PRICE: \$1.50

CONSTANT VOLTAGE
TRANSFORMERS; 95
TO 130 VAC 60 HZ
PRIMARY; WITH
CAPACITORS. SOLA
AND OTHER MFGS.
REMOVED FROM E-
QUIPMENT.


SEC: 18 VDC 6 AMPS
SIZE: 4x3x5, 10LB
#21804 \$7.95

SEC: 24 VDC 5 AMPS
SIZE: 4x3x5 15LB
#22661-1 \$9.95

SEC: 25-27VDC 3.5 A
AMPS; 5x3x4; 11LB
#22662 \$6.95

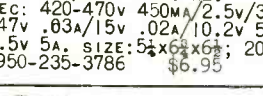


PRI: 95/105/115/125/
190/210/230/250
@ 60 CYCLE
SEC: 2/4/6/8 @ 225 MA
90/100/110 @
225 MA.
115 @ 500 MA.
4x5x4; WT: 13 LBS.
KLIENSCHMIDT 5399 \$9.95

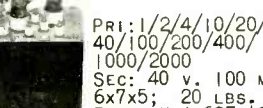


PRI: 115V 60CYC
SEC: 40-0-40V .18A
3x3x5 WT. 5LBS
#7629808
\$1.50

PRI: 120/240 V. 60 HZ.
SEC: 420-470V 450MA/2.5V/3A
347V .63A/15V .02A/10.2V 5A
6.5V 5A. SIZE: 5x6x6; 20L
5950-235-3786 \$6.95

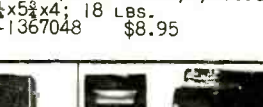


PRI: 1/2/4/10/20/
40/100/200/400/
1000/2000
SEC: 40 V. 100 MA
6x7x5; 20 LBS.
ESPEY T-41627 \$8



PRI: 115V 60 HZ.
SEC: 1300VCT 100MA
6.3V 2A. 5V 2A.
4x3x4, 8 LBS.
URC#EK211-PAL18 \$8.95

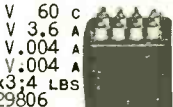
PRI: 115V. 50-1600 HZ.
810VCT 125MA/570VCT 75MA.
2/5V 2A/6.3V 3.25A/2/6.3.65
4x5x4; 18 LBS.
C-1367048 \$8.95



PRI: 115 V 60 HZ
SEC: 24VAC 2.2 A.
3x2x2; 4 LBS.
#BE 8445 \$2.50

CONSTANT VOLTAGE
TRANSFORMER
SOLA #211134 WITH
CAPACITOR. REGU-
LATES VOLTAGE AUTO-
MATICALLY AND INSTA-
NEOUSLY.
PRI: 95-130V 60CYC
SEC: 6.3 V 2.38 A
5x3x2; WT: 8LBS.
#5950-581-5333
UNUSED \$5.95

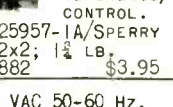
PLUG-IN TRANSFORM
PRI: 115V 60HZ
SEC: 24V 20VA
2x2x2; 2LB.
BE#8002 \$1.50



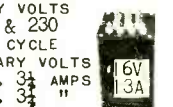
MAGNETIC
AMPLIFIER
115,400 CY/
HEATER/D.C
REFERENCE/
CONTROL.

KEARFOTT#425957-1A/SPERRY
622033, 3x2x2; 1 LB.
5950-712-3682 \$3.95


PRI: 2/115 VAC 50-60 HZ.
SEC: 5 VCT 2 A; 5 VCT 4 A;
6 VCT 3.5 A;
115 V RMS 600 MA.
SIZE: 4x4x4; WT: 15 LBS.
#89-G-2730, USED, \$4.95



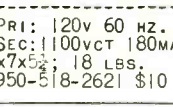
PRIMARY VOLTS
81,163 & 230
50/60 CYCLE
SECONDARY VOLTS
12 CT. 3/4 AMPS
12 CT. 3/4 " "
12 CT. 10 " "
@ 115V 2/16V-3A 1/17V
10A. SIZE 4x7x7 18LBS.
GE#7466333 \$5.95




PRI: 115V 50/60HZ
SEC: 1425VCT 250MA
SIZE: 4x5x4; 18LB
TRIAC#P-14A \$14.00



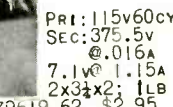
PRI: 120V 60 HZ.
SEC: 1100VCT 180MA
4x7x5; 18 LBS.
5950-518-2621 \$10



PRI: 120 V 60 CY
SEC: 2.5 V 10 A.
NO C.T. INS. 10M.
4x3x5; 8 LBS.
#229611.144
\$2.95



PRI: 115V60CY
SEC: 375.5V
@.016A
7.1V @ 1.15A
2x3x2; 1 LB
229619-62 \$2.95



PRI: 115V 60CY
SEC: 20 VOLT LOAD
OR 12.5V @ 2 AMPS
MOUNTED ON 4" RD.
ELECT. BOX COVER
3x3x2; 2 LBS.
#FR-24960 \$1.25

AUTO-TRANSFORMER 0-107-115-122-210-230 -250 V. 60HZ 1.5KVA W/ON-OFF SW. 3 SLO BLO FUSES & INDICATORS 5x13x7 $\frac{1}{2}$; 40LB. KS2833 \$15.

PRI: 220, 230, 240 Sec: 14V @ 5A 20V @ 5A 4x4x5 $\frac{1}{2}$ WT: 12 LB CS8779A \$5.95

PRI: 115 VOLT 50/60 HZ Sec: 230 V 2.2 A. 4ADC HALF WAVE. SIZE: 6x5x7 $\frac{1}{2}$; 35 LBS. FGC-29/7FIA03YY \$12

PRI: 0/116/120/124V. 60CY. Sec: 126V. 1.1A. 114V. 1.0A. TF4R01YY 8 $\frac{1}{2}$ x5 $\frac{1}{2}$ x4 $\frac{1}{2}$. .27 LBS. K95-1476 \$7.95

CHOKES

8 HY 100 MA 160 OHM 2 $\frac{1}{2}$ x3 $\frac{1}{2}$ x2 $\frac{1}{2}$; 3 LB. #TR-1024 \$1.50

10 HY 0-1 AMP DC @ 10V. 60 HZ, 268 OHMS. 2 $\frac{1}{2}$ x3 $\frac{1}{2}$ x2 $\frac{1}{2}$; 4 LB #6467 \$1.75

7.5 HY 165 MA. 200 OHMS. 2 $\frac{1}{2}$ x4x2 $\frac{1}{2}$; 3 LBS #8617 \$2.50

12 HY 210 MA 50 OHM; 5x6x4 $\frac{1}{2}$; 14 LBS. #3C316-33 \$2.50

140 HY @ 5V. 60 HZ; 10 MA DC 2700 OHMS. 2 $\frac{1}{2}$ x2 $\frac{1}{2}$ x3 $\frac{1}{2}$; 3 LBS. #HA-81-C \$2.95

BENDIX CHOKES 12 HY @ 400 MADC 100 OHM 5x6x4 $\frac{1}{2}$; 20 LBS #L217434-1 \$7
8 HY 300 MA RES. 90 OHM WT: 7 $\frac{1}{2}$ LBS 8x3 $\frac{1}{2}$ x4 $\frac{1}{2}$ 4x5x4 $\frac{1}{2}$; 12 LBS 3340-310-190 \$5.95

CHOCO .078 HY 0.6 AMP. 0.3 OHM 3x4x3 $\frac{1}{2}$; 5 LB 586-0781 \$2

CHOCO 5 HY. 60 MA. 200 OHMS DC 4 OZ. 2 $\frac{1}{2}$ x1 $\frac{1}{2}$ x1 $\frac{1}{2}$; 1 $\frac{1}{2}$ LB #8750 \$1.50

10,000 VOLT

AMP P/N 845321-3 PRI: 115V 60HZ. SEC: 10,000VAC/100MA 5x5x4; 10LBS. \$20

SCOPE XFOMERS

PRI: 115 VAC 60 HZ-535 WV Sec: 1850 V 7.1 MA RMS Two 2.5 V 3 AMPS 5.71 KV WVM. Size: 3 $\frac{1}{2}$ x3 $\frac{1}{2}$ x6 $\frac{1}{2}$; 9 LBS. SH. #K56J54, UNUSED, \$7.95

PRI: 118 vac 60 HZ Sec: 6.3 v. 5 AMP 8214 WV. Size: 5x3 $\frac{1}{2}$ x3 WT: 7 LBS. #5950-059-2414 \$6.95

PRI: 120 vac 60 HZ Sec: 2/6.3v. .6 A. OPPOSED; 350 WV TO SEC3; 3800 WV TO GROUND 180 FW BRIDGE 50 MA INSULATED FOR 3800 WV Size: 3 $\frac{1}{2}$ x3 $\frac{1}{2}$ x5 WT: 8 LBS. #HA-123-P \$6.95

10 AMP CHOKE

CHOKE INDUCTOR 30 MH 3 A. .18 OHMS, 5MH 10 A .075 OHMS. 5 $\frac{1}{2}$ x6 $\frac{1}{2}$ x4 $\frac{1}{2}$; 22LB SCHOTT #S3310 \$8.00

45 MHY 3.4 A-DC CHOKE; .24 OHMS 65 V MAX. 120 HZ 3 $\frac{1}{2}$ x4 $\frac{1}{2}$ x3 $\frac{1}{2}$; 11 LBS #4619, \$4.95

PRI: 115 V 60 HZ Sec: 900 VCT 130 MA RMS. 5x5x3 $\frac{1}{2}$; 13 LBS. #229612-38, \$7.95

1.5 HY 1.5 AMP 5000 V. TEST 8x8x6 $\frac{1}{2}$; 3 LBS. SHPG. WT: 60 LB 5950-159-6041 \$14.95

10 HY 150MA 210 OHMS WT. 4 $\frac{1}{2}$ LBS. SIZE: 2 $\frac{1}{2}$ x5x2 $\frac{1}{2}$ #217386-1 \$1.75

CHOKES LOW VOLTAGE HY UNKNOWN LEEP6580 3 AMP. \$1.95 LEEP6433 9 AMP. \$3.95 SIZE: 2 $\frac{1}{2}$ x3x2 $\frac{1}{2}$; 3 LBS. #L217434-1 \$7
6.3 HY @ 6.24A. 61 OHM; 3 $\frac{1}{2}$ x3x3 $\frac{1}{2}$; #814-2421 \$3.95

CHOCO 10 HENRY @ 200 MA 135 OHMS 2000 VRMS 60 CYC 3 $\frac{1}{2}$ x3 $\frac{1}{2}$ x5 WT. 9LB BENDIX #L217380-1 PRICE: \$3.95

3.5 HY 500 MA 100 V. 60 CYC 30 OHMS 715WV 4x5 $\frac{1}{2}$ x3 $\frac{1}{2}$; 10 LBS TF1A04KA/A8649 \$2.95

5.0 HY AT 10 60 CYC 400 M RES: 50 OHM SIZE: 6x4x4 WT. 13 LBS. #3521746 \$7.00

10 HY 225MA 25 OHM 3 $\frac{1}{2}$ x5 $\frac{1}{2}$ x5 WT. 11 LBS. #TF1RX04YY \$3.95

PRI: 115 VAC 60 HZ Sec: 550 VCT 200 MA 5 V 2 A; 6.3 V 3 A. 4x5x4 $\frac{1}{2}$; 15 LBS. SH. #K-44J208, \$6.95

DUAL CHOKE 11 HY 100 MA 200 OHMS 4x4x5 $\frac{1}{2}$ WT 8 #3C557F-1 \$1.75

11 HY 500MA 1350 VAC @ 120CY 7x6x9 $\frac{1}{2}$ WT. 42 LB ITC NO. DC-6281 PPRICE: \$8.95

10 HYS 500 MA 45 OHM DC RES 500 WORK VOLTS #5950-646-1383 \$5.95

PRI: 115 VAC 60 HZ Sec: 280 VCT 75 MA; 13.5 V 1.2 AMPS; 5 VCT 3 A. SIZE: 4 $\frac{1}{2}$ x3 $\frac{1}{2}$ x4-5/8; 16 LBS. #193-8767 \$3.95

PRI: 120V 50-60 cyc 37 VA Sec: 5VCT @ 2A 6.3V @ 1A 5VCT @ 4A 3x3x5 WT. 7 LB BENDIX #L217336-1 PRICE: \$3.95

REACTOR FILTER CHOKE INDUCTANCE 3 HY. RES. 30 OHM, 350 MA DC 2000 V. PK. SIZE: 3 $\frac{1}{2}$ x4x2 $\frac{1}{2}$; WT: 6 LBS. L-225/PP-115 \$2.50

PRI: 117V 50-60CYC Sec: 3/5V CT @ 2A 2/5V CT @ 2A 2/2.5V @ 10A 7x4x3 $\frac{1}{2}$ WT. 12 LB GILFILLAN #54148-1 PRICE: \$5.95

PRI: 220/230/240V 50-60 CYC Sec: 2.5V CT @ 10A 5x3 $\frac{1}{2}$ x3 $\frac{1}{2}$ WT. 6LBS 5950-648-4773 PRICE: \$2.95

IGNITION TRANSFORMER PRI: 230V 50/60 CYC Sec: 5000V 18 MA ONE END GND. 6x4x3 $\frac{1}{2}$; 12 LBS. 5950-959-5369 \$7.95

FILTERS

ANTIQUE MIGNON REGAL TONE FILTER HIGH PASS 40 HZ APPROX. 600 OHM INPUT W/0.8 MFD CAP. TO 600 OHM SPEAKER. 6 OZ. SIZE: 2 $\frac{1}{2}$ x3 $\frac{1}{2}$ x3 $\frac{1}{2}$ AGE WORN \$2.95

SONGBIRD TONE FILTER; LOW PASS, OUTPUT DECREASING ABOVE 1000 HZ., INPUT RESIST DC 1400 OHM, OUTPUT RESISTANCE DC 1500 OHM. AGE WORN SIZE: 2 $\frac{1}{2}$ x3 $\frac{1}{2}$ x3 $\frac{1}{2}$; 6 OZ. \$2.95

BAND PASS FILTER 27.8 TO 30.8 KC. OPER. FREQ. 29.3 KC, INPUT IMP. 200 K OHMS OUTPUT 100 K OHMS. 224376.28 4x5x3 $\frac{1}{2}$; 3LBS. \$2.95

DAVIS DIMMER AUTO TRANSFORMER 230 VOLT 60 CYCLE 1 PHASE WITH 5 48 VOLT CIRCUITS THAT CAN BE VARIED 0-48 V. MAX. 20 A. TOTAL. SIZE: 10x10x7; SHRG. WT: 90 LBS #GCR-3 \$19.95

MULTI-VOLTAGE ISOLATION TRANS. PRI: 73/88/95/105/115/125/190/210/230/250. 50/60 CY Sec: 17.6/35.2/189 193/196/200/203 @ 1.6 AMP. 9 $\frac{1}{2}$ x4 $\frac{1}{2}$ x7 $\frac{1}{2}$; 40 LBS. Z29619-6 \$14.95

CHOKE; 2.5 HY 700 MA; 16 OHMS. SIZE: 5x4-3/8x4 $\frac{1}{2}$; SH WT: 17 LBS #147-1340, \$3.95

SWINGING CHOKE, .48 HY 100 MA MIN.; 5.5 HY 600 MA MAX. 10.6 ; 1500 V RMS. 4 $\frac{1}{2}$ x3 $\frac{1}{2}$ x4 $\frac{1}{2}$; 14 LBS. #4547, \$4.95

TRANSFORMER WITH METER 0-100 AC AMPS. PRI: 115 vac 60cy Sec: 10/14/19/24 W/ON-OFF SW. AND FUSED LINE. 140 LB SIZE: 16x8x15 $\frac{1}{2}$; 5950-537-4950 PRICE: \$39.50

PRI: 250 VAC 50-60 HZ Sec: 7.5 VCT 50-60 AMPS W/24-STEP VOLTAGE ADJUST SWITCH. 8 $\frac{1}{2}$ x10x8 $\frac{1}{2}$; 42 LBS #351-5038, \$12.95

PRI: 120 V 60 CYCLE Sec: 5.4V/2.7V @15A 5VCT @15A WITH INSULATOR & TUBE SOCKET C6 5x5x7 $\frac{1}{2}$; 15 LBS 5950-553-5572 \$14.95

30/8 HY 10/130 MA DC CHOKE; 500 V RMS RIPPLE, 150 OHMS; 1200 WV. SIZE: 3x4 $\frac{1}{2}$ x3 $\frac{1}{2}$; 10 LBS. SH. #969-5721, \$2.95

VARIABLE TRANSFORMERS

LUXITROL VARIABLE TRANSFORMER; OUTPUT: 0-120 V 8.3 A. FROM 115 VAC 60 HZ INPUT. SET IN STEEL BOX 7 $\frac{1}{2}$ x7 $\frac{1}{2}$ x5 $\frac{1}{2}$; 20 LBS. USED, \$27.95
115 VAC 60 HZ PRIMARIES

VARIAC 200B, 0-135 V. @ 1.0 AMP, USED, \$8.95

POWERSTAT TYPE 10B, 0-132 V @ 2.25 AMPS, USED, \$11.95

STACO 300BU, 0-140 V. @ 3.0 AMPS, USED, \$14.95

POWERSTAT TYPE 21, 0-140 V @ 4.5 AMPS, USED, \$19.95

VARIAC V20, 0-135 V. @ 20 AMPS, USED, \$40.00

POWERSTAT TYPE 136, 0-130 V @ 20 AMPS; ENCASED WITH KNOB, USED, \$50.00

POWERSTAT TYPE 1156-C, 0-140 V @ 45 AMPS, UNUSED-BOXED, \$125.00

POWERSTAT 5-1066, 0-3.5 V @ 2 AMPS FROM 12 V 60 HZ INPUT, USED, \$2.95

VARIAC 200-CUH, 0-270 V @ 2 AMPS FROM 230 VAC 60 HZ INPUT, UNUSED, \$18.95

PRI: 115 v. 60 CYC Sec: 150V. 550 MA 150V. 2.0 AMP 5.0V 5.0 " 6 $\frac{1}{2}$ x6 $\frac{1}{2}$ x4 $\frac{1}{2}$; 26 LBS. 5950-537-4950 \$6.95 5950-481-3482 \$6.95

PRI: 120 V 60 CYCLE Sec: 5.4V/2.7V @15A 5VCT @15A WITH INSULATOR & TUBE SOCKET C6 5x5x7 $\frac{1}{2}$; 15 LBS 5950-553-5572 \$14.95

30/8 HY 10/130 MA DC CHOKE; 500 V RMS RIPPLE, 150 OHMS; 1200 WV. SIZE: 3x4 $\frac{1}{2}$ x3 $\frac{1}{2}$; 10 LBS. SH. #969-5721, \$2.95

VARIABLE TRANSFORMERS

VARIABLE TRANSFORMER KNOBS, VARIOUS SIZES, MFG'S. 2-3/8" DIA. WITH 3/8" POINTER; FITS 3/8" SHFT. LUXITROL, \$1.50

4" DIA. FITS 3/8" DIA. SHAFT; POWERSTAT, \$2.95

5" DIA. FITS 3/8" DIA. SHAFT; GENERAL RADIO, \$3.95

7 $\frac{1}{2}$ " DIA. WHEEL-TYPE CONTROL W/ALUMINUM POINTER; FITS 3/8" SHFT. POWERSTAT, \$5.95

DIAL PLATES, UNUSED. 4" DIA. 0-100 SCALE; 7/8" DIA. CTR. HOLE, TAKES 3 SCREWS. #BP8087, \$1.00 EA

10" DIA. 0-100 SCALE; 1 $\frac{1}{2}$ " DIA. CTR. HOLE, TAKES 4 SCREWS. #BP653, \$2.50 EA

POWERSTAT VARIABLE TRANSFORMER: INPUT 115/230V 50/60 CY OUTPUT: 30V @ 25A /15-0-15 35 AMPS. MAX. KVA. 0.75 SIZE: 7x8x5 SHAFT 1x1 $\frac{1}{2}$; WT: 25 LBS. POWERSTAT #LW136U USED \$25

KNOB 4" DIA. WITH POINTER TAKES 11/16" SHAFT (NEEDS TO BE REDUCED TO FIT ABOVE UNIT) #KNOB-35 \$1.50

VARIAC OR RHEOSTAT CAGE; SLANT FACE, 8 $\frac{1}{2}$ x7 $\frac{1}{2}$ x8 $\frac{1}{2}$ (BASE AND 1 $\frac{1}{2}$ DEEP TOP). WITH 5 $\frac{1}{2}$ " DIA. 0-100 DIAL PLATE, 3 BANANA JACKS, RUBBER FEET. GREY. OHMITE MFG. #6975, NEW, \$10.

ANTENNAS

MP-22 MAST SECTION MOUNTING BASE WITH SWIVEL THAT WILL TIP TO 90 DEGREES, RIGHT OR LEFT AND WILL LOCK IN THE VERTICAL POSITION. WILL TAKE MS-53 OR MS-54 MASTS AS THE STARTING SECTION. MOUNTING PLATE SIZE: 5x6 HEIGHT OF BASE 10". WT: 10LBS. \$4.95

MP-22A SAME AS ABOVE EXCEPT THE STARTING SECTION IS MS-51 AND YOU CAN ADD MS-50 & MS-49. \$4.75

MAST SECTIONS (SHOWN TO LEFT) 3 FT. TUBULAR STEEL COPPER COATED AND PAINTED. SECTIONS SCREW TOGETHER TO MAKE DESIRED LENGTH W/MS-49 AS TOP, THEN MS-50, 51, 52 & 53. MS-53 CAN BE SCREWED INTO EACH OTHER TO MAKE ADDITIONAL LENGTH, THEN SINGLE MS-54 & MS-55 & MS-56. MS-56 DOES NOT HAVE THREADS AT BOTTOM. SELF SUPPORT TO ONLY ABOUT 15 FT. ALL SECTIONS ARE IN GOOD USEABLE CONDITION AND MAY NEED PAINT MS-49, MS-50, MS-51, MS-52 EACH SEC. \$1.50 MS-55, MS-56 " " " \$1.00 SECTIONS TAPER 5/8 TO 3/16, AV. WT: 2LB. BG-56 CANVAS BAG, 5 COMPARTMENTS FOR 10 OR MORE SECTIONS. \$3.00

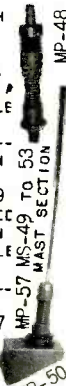


ADAPTER BASE WITH INSULATOR, MAST SECTIONS MS-52 OR MS-53 WILL SCREW INTO THE TOP, AND ADAPTER BOTTOM WILL SCREW INTO MS-52 OR MS-53. CAN BE USED TO ISOLATE SECTIONS OF WHIP OR DIPOLE. SIZE: 1 1/2 x 8; 1 1/2 LB. NT-66023 \$1.95

MP-48 MAST BASE WITH COIL SPRING FOR USE W/MS-49 TO 54 MAST SEC. LISTED TO LEFT. HEAVY DUTY 16"x3" DIA. REQ. 2 1/2" HOLE MTG. HOLE (C MP-50 BELOW) \$10

MP-57 MAST BASE WITH COIL SPRING & LARGE INS. FOR USE W/MS-49 TO 54 MAST SEC. LISTED TO LEFT, 1 1/2"x4 1/2" IN INSULATOR, REQ. 2 1/2" HOLE MTG. (C-MP-50) \$10

MP-50 BRACKET; MAST BASE USE, MP-48, MP-57 AB-15 ETC TWO SIDED MTG. FOR MAST BASES SIZE 5x5x8; 5LBS \$5



MOUNTING BRACKETS F/AB-15 OR LIKE 2" DIA. ANT. BASE MP-432 SIDE MOUNT, 6x1 1/2 x 4 1/2; 8 LBS SH., \$3.95 #221239-278 "L" MOUNT, 6x 9x5; 5 LBS SH., \$3.00

AB-15 BASE FOR WHIP ANTENNA SECTIONS MS-116-117 118 ALSO AB-21-22-23-24. SPRING ACTION WITH INSULATOR 3 1/2 x 3" AND COAXIAL CONNECTOR FOR USE WITH PL-259, REQUIRES 2" HOLE FOR MOUNTING. SIZE 15 x 3 WT: 2 LBS. \$4.95

WHIP ANTENNA MAST SECTIONS FOR USE WITH AB-15 MAST BASE MS-116 LARGEST SECTION 39 1/2" LG. DIA. .393, ONE OR MORE CAN BE USED, MS-117 & 118 FOR TAPER 39 1/2" LG. \$1.50 PER. SEC.

AB-243/G SIDE MTG. FOR AB-15 BASE, WITH 2" MTG. HOLE. SIZE: 10 1/2 x 7 x 4 1/2; WT: 8 LB \$4.95

CG-1013 TRANSMISSION LINE LAUNCHING UNIT WITH HEATING ELEMENT INSIDE. ALUMINUM W/ CONICAL FIBER GLASS SHIELD OVER ELE. COAXIAL CONN. FOR UG-100 PLUG, 33" LG. 8" DIA. 10 LBS. \$5

RG-14A/U COAXIAL CABLE 51 OHM #10 W/UG-100 & UG-707 10' \$7.50 15' \$10

SOLID COPPER #10 VINYL COVERED ANTENNA WIRE 250 FT. ZMI-4884C \$25



MP-73 GROUND PLANE MOUNTING BASE DESIGNED TO BE USED WITH MAST SECTIONS AB-21, 22, MS-116, 117 THAT SCREW TOGETHER TO MAKE DESIRED LENGTH FOR FREQ. REQUIRED. HAS SO-239 COAX. RECEPTACLE AND PROVISIONS FOR MOUNTING TO POLE TREE OR CORNER OF BUILDING. THE MOUNTING HOLES FOR THE VERTICAL ANT. AND THE RADIALS ARE 5/16" DIAMETER. SIZE: 10x15x6; WT: 10 LBS. PRICE: NEW \$9.95 AB-21, 22 OR MS-116, 117

MAST SECTIONS ARE AVAILABLE NOWHERE ELSE BUT WILL HAVE TO BE FASTENED IN WITH BOLTS AND NUTS TO MAKE A GOOD CONNECTION. THE SAME GOES FOR AN-109 WHIP ANT.

AN-109 WHIP ANTENNA 5 FT. TAPERED 1/4 TO 1/8 W/3" SQ. BASE. \$1.50 EA. 4 FOR \$5.
AN-119 WHIP ANTENNA 6 FT. TAPERED 1/2 TO 1/8 THREAD 1/2"x20 \$1.50 EA. 4 FOR \$5.
AN-130 WHIP GOOSENECK 30" SCREW BASE FITS BC-1000, PRC ETC. \$1.50 EA. 4 FOR \$5.
AT-272 GOOSENECK BASE 8" USED WITH FLAT ANT. ON PRC SETS. \$1.50 EA.
AT-272 FLAT ANTENNA 30" USED WITH ABOVE BASE FOR PRC SETS. \$1.50 EA.

MP-74 GOOSENECK BASE FOR MAST SECTION AB-23 OR MS-118, 14" LG. WITH SPADE TYPE BRACKET FOR SIDE MOUNTING. \$1.50 4/\$5.
M-422 ADAPTER FOR USING MS-116-117-118 OR AB-21-22-23-24 MAST SECTIONS WITH BC-1000 & PRC SERIES SETS IN THE LONG ANTENNA RECEPTACLE, 7 1/2" LG. \$1.50 EA. 4/\$5.
FIBERGLASS WHIP ANT. 82" LG. FOR 27 TO 39 MHZ 1" SC. BOTTOM. (NOT AVAILABLE) #9735 \$5.00
UPN-1 DIPOLE ANTENNA FOR USE IN THE 155 TO 235 AND 460-570 MHZ BANDS. BASE STANDS 21" HIGH FOR FLAT MOUNTING ALSO HAS ADJUSTABLE BRACKET FOR POLE MOUNTING.
AT-50 FOR USE IN LOW BAND \$14.95
AT-51 FOR USE IN HIGH BAND \$14.95

AT-598 ANTENNA TAPERED 30" LG. WITH CAST BASE AND COAX. RECEPTACLE FOR UG-100 A/U CONNECTOR. \$1.50 EA. 4/\$5.00
MATCHING COAXIAL LINE WITH 2/UG-100 ON 14" OF RG-14 \$3.00
AN-20T ANTENNA TELESCOPING 20" EXTENDED, 8 1/2" COLLAPSED, CHROME. 50¢ EA. 5/\$2.00
G01-51048 TELESCOPING WHIP ANTENNA, 15" COLLAPSED 7' EXTENDED. \$1.50 4/\$5.

A-62 DUMMY LOAD FOR ANTENNA; USED TO LOAD TRANSMITTERS UP TO 30 WATTS WITHOUT RADIATING FOR USE IN THE FREQUENCY RANGE 21 TO 27.9 MHZ. USED WITH BC-604. SIZE: 3x6; 5LBS. WITH MTG. BRACKET & INSTRUCTIONS. NEW \$4.95

ANTENNA CHANGEOVER RELAY, 12 VDC SPDT; LOW POWER RECEIVER TYPE. WITH TWO UG-88 BNC'S ON 15" COAX AND ONE UG-447 BNC. CASE GROUND. REMOVED F/EQUIP. #JAMES C-586, \$2.50

ANTENNA CHANGEOVER RELAY, 6 TO 24 VDC, 16 OHM COIL. W/TWO UG-88 BNC CONN.; REMOVED FROM EQUIP. 3x2x1; 1 LB SH. #K401/T-278, \$2.50 EA.

AS-27A/ARN-5 HORIZONTAL FOLDED DIPOLE AS USED WITH RC-103, BC-733, ARN-5 EQUIP. ON AIR PLANES. 108-110 MC \$9.95
AT-2/APN-2 DIPOLE ANTENNA 150-180 MC \$2.95
AN-104A STUB ANTENNA F/SCR-522 100-156 MC 1.95

AS-27A
AN-104A

MP-54 OFF-SET BASE FOR AB-15; 50 OHM LINE FEED. USES OFFSET 7" FROM BASE CONNECTOR. CTR. 1 1/2"H. #2A288A-35 \$7.95
20" DIPOLE W/14" SUP-PORT. 230-250 MHZ; 50 OHM LINE FEED. USES TYPE "N" TYPE "N" CONNECTOR. #2A288A-35 \$4.95

VIS-O-GLOW NEON LIGHTNING ARRESTORS, #4392, \$1.00 EA.

HORIZONTAL ANTENNA COMPONENTS
LEAD-IN WIRE
TUNING UNIT

AB-101 MAST SECTIONS FOR ANTENNA SUPPORT. STEEL MAST 2" OD. 5 1/8" LG. SWAGED END AND LOCK DEVICE. SOLD ONLY IN SET OF SEVEN WITH CARRY. WEIGHT 100 LBS. PRICE USED \$50.00
MX-364 INSULATOR, FITS OVER 1-3/8" DIA. MAST OTHER END 1-3/8" OUTER DIA. \$1.95
AB-154 BASE WITH SWIVEL STAKE, 1-3/8" DIA. SLIPS INTO MAST SECTION. \$1.95
MX-857 ADAPTER, FITS OVER 1-3/8" DIA. MAST F/USE OF MS-116-117-118 WHIPS. \$1.95
MX-GUY ROPES ARE 3/16" NYLON, 800 LB. TEST, W/ADJUSTMENT HARD. INSULATOR & HOOK.
MX-382 GUY 31 FT. WITH ATTACHMENTS \$1.00
MX-381 " 40 " " " \$1.25
MX-383 " 50 " " " \$1.50
MX-378 GUY RING FOR FASTENING GUYS AND IS USED BETWEEN THE MAST SECTIONS \$0.50
GRA-4 STAKE FOR GUYS, STEEL 18" 1x1 1/2" ANGLE WITH FASTENER. 2 LBS. \$.75

VLF LOOP ANTENNA

AT-382 LOOP ANTENNA FOR USE WITH RECEIVERS IN THE 190-1500 KHZ RANGE, 9" LOOP (19 UH) PROVIDES FOR AURAL DIRECTION FINDING, ANTI-STATIC RECEPTION AND SENSITIVITY. REQ. SMALL SPLINE FLEX. SHAFT & CONTROL BOX FOR REMOTE TUNING & UG-88 FOR ANT. CONN. 14x9x4; 10LB. UNUSED \$6.95



CHOPPER RF CHOPPER USED IN AUTOMATIC DIRECTION FINDING ANTENNAS TO SAMPLE BETWEEN SENSE AND REFERENCE ANTENNA. USES TWO 100 HZ ±5% COILS; CAN BE ACTUATED MANUALLY WITH DC VOLTAGES. HAS TWO UG-88 CONNECTORS ON 15" CABLES AND UG-290 BNC OUTPUT CONN. 4-3/8x3 1/2x2; SH WT: 3 LBS. REMOVED FROM EQUIP. #354-1013-00, \$2.95

MICROWAVE ANTENNA & 20' MAST FOR USE IN THE 4400-5000 MC BAND. PARABOLIC REFLECTOR MADE IN SECTIONS OF ALUMINUM SCREEN IMPREGNATED WITH FIBERGLASS, THE DUPLEXING HORN RECEIVES & TRANSMITS SIMULTANEOUSLY. THE AZIMUTH AND ELEVATION CAN BE ADJUSTED BY THE GEAR DRIVE MECHANISM. THE 20' ALUMINUM MAST IS SECTIONALIZED AND COMES W/ ALUMINUM CASE WITH NECESSARY BRACKETS, GUYS AND ANT. LEAD WIRE TO MAKE A PORTABLE SYSTEM. OA-1378 GROUP. CASE SIZE 27x17x9.75 LBS.

AT-271/PRC WHIP ANTENNA, 7 SEC. 8 1/2 FT. THRU-OUT TYPE. USED \$4.95
LM-21 AM LOOP ANTENNA FOR ARN-7 COMPASS SYSTEM 200 TO 1500 KC. USED \$2.95
AS-578/ARA ANTENNA FOR ARC-27, 34, 55 DIRECTION FINDER USED \$25.

AS-313/ARK-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS THAT TUNES FROM 200 TO 1750 KC, OPERATES FROM 26 VOLT 400 CYCLE SIZE: 10x11x5; WT: 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95

COMPARATOR

CM-167/U SIGNAL COMPARATOR MIXES TWO FREQUENCIES AND DELIVERS AN OUTPUT PROPORTIONATE TO THE DIFFERENCE OF THE TWO SIGNALS. WHEN USED WITH A STRIP CHART RECORDER IT WILL COMPARE 2 ALMOST EQUAL FREQ. STANDARDS WHOSE FREQ. ARE EITHER 100 KC OR 1 MC. THIS WILL BE RECORDED AS A SINE WAVE. USES 4 1N281 DIODES IN A FULL BRIDGE CIRCUIT ALONG WITH RESISTORS, CONDENSORS, TRANSFORMERS, ETC. INPUT IMPEDANCE 50-5000 OHMS. INPUT COAX. CONN. BCN. SIZE: 5 1/2 x 3 1/2 x 3 1/2; WT: 4 LBS. NEW \$4.95

CU-128F/U ANTENNA COUPLING UNIT, DESIGNED TO PROVIDE EFFICIENT SIGNAL TRANSFER BETWEEN ANTENNA TRANSMISSION LINES OF DIFFERENT IMPEDANCE, FREQ. RANGE 4 TO 20 MHZ. INPUT IMPEDANCE 200/250/700 OHMS OUTPUT 70 OHM WATERPROOF METAL BOX WITH MTS. & MANUAL SIZE: 8x4 1/2 x 7 1/2; SHPG. 15LBS. NEW \$4.95

AS-554/TRC-29 ANTENNA 8 FT. PARABOLOID WITH MESH REFLECTING SURFACE, AND HORN FEED. ANTENNA IS SHIPPED IN 2 CARRIERS, 2 SECTION IN EA. AND HORN SEPARATELY. ALUMINUM CONSTRUCTION, SHIPPING WEIGHT 500LBS. CG-1013 TRANSMISSION LINE LISTED ELSEWHERE ON THIS PAGE. PRICE: \$250.00
ANTENNA WIRE PHOSPHOR BRONZE #16, 20FT W/2 SNAPS & SLIDE. ADJ. AN-22 \$1.00 EA.

CABLES

NEW COAXIAL CABLE

NEW MANUFACTURE AND BRANDED WITH STANDARD TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-BETWEEN LENGTHS USE THE HIGHER PRICE. LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

COAX.	OHMS	100 FEET	500 FEET	1000 FEET	5000 FEET
RG-8/U	52	.18	.16	.16	.15
RG-11/U	75	.16	.14	.14	.14
RG-58/U	53.5	.08	.06	.05	.04
RG-59/U	73	.08	.06	.05	.04
RG-62/U	93	.08	.06	.06	.06

NEW COAXIAL CONNECTORS

SO-239	PL-259	M-359	PL-258 JUNCTION
59¢ EA.	59¢ EA.	69¢ EA.	\$1.25 EA.
10 OR MORE	10 OR MORE	10 OR MORE	10 OR MORE
55¢ EA.	55¢ EA.	60¢ EA.	\$1.10 EA.

COAX CONNECTORS

UG-18	NEW	\$1.00	UG-710	NEW	\$3.00
UG-21	USED	.75	UG-909	NEW	1.00
UG-21	NEW	1.25	UG-911	NEW	1.25
UG-22	USED	.75	UG-913	NEW	2.00
UG-27	USED	1.25			
UG-27	NEW	2.00	UG-924	NEW	3.00
UG-29	USED	1.00	UG-940	NEW	2.00
UG-29	NEW	1.50	UG-943	NEW	3.00
UG-30	NEW	1.50	UG-968	NEW	4.00
UG-36	NEW	6.00			
UG-88	USED	.39	UG-997	NEW	4.00
UG-100	USED	.75	UG-1090	USED	1.50
UG-100 PANEL	"	.75	UG-1185	NEW	2.00
UG-109	USED	1.00	UG-629	NEW	2.50
UG/DA-113	NEW	5.00	UG-1213	NEW	2.00
UG-160	USED	1.50	2176	NEW	3.00
UG-180	USED	3.00	C2365-3	NEW	1.50
UG-181	USED	3.00	3649-1	NEW	1.50
UG-201	NEW	2.00	6006	NEW	1.00
UG-212	NEW	3.00	6137	NEW	1.50
UG-255	USED	1.50	6177	NEW	1.50
UG-260	NEW	.75	6955	NEW	1.50
UG-261	NEW	1.00	8270-1	NEW	3.00
UG-273	NEW	1.50	8842	USED	1.00
UG-274	NEW	2.00	8576	USED	1.00
UG-282	USED	1.25	9113	NEW	1.50
UG-282	NEW	2.00	9192	NEW	1.50
UG-290	USED	.50	9196	NEW	4.00
UG-291	NEW	1.00	9192	USED	1.50
UG-306	USED	2.00	10442	NEW	1.50
			10651	NEW	1.50
			15601	NEW	1.50
UG-491	NEW	2.00	30231-1	NEW	1.50
UG-535	USED	1.25	30232-1	NEW	1.50
UG-536	NEW	2.00	95712-30369	NEW	2.00
UG-560	NEW	2.00	18-30-1A33	"	3.00
UG-573	NEW	2.00	83-877-1050	"	1.50
UG-603	NEW	2.00	10H528	NEW	1.00
UG-636	NEW	2.00	10H702	NEW	1.00
UG-701	NEW	2.50	10H1366	NEW	1.00

COAXIAL CABLE ASSY. REMOVED FROM TEST SETS AND EQUIPMENT. ALL GUARANTEED TO BE USEABLE.

RG-59, MALE/FEMALE "N" CONN. 50' #CG-357, \$3. UG-21 53 OHMS TO UG-626 37' \$3.50 UG-630 \$3.50

RG-55/U 53.5 OHMS .216 OD. 250 FT. W/UG-88 CONN. EA. END. ON TEST SPOOL, 12 LB. \$12.00

RG-26/U 48 OHM 30 FT. W/2-UG-34 CONN. \$4.95
RG-22/I 95 OHM 50 FT. NO CONNECTORS \$3.00

WIRE

AIRCRAFT TYPE WIRE, NYLON INSULATION, BRAID COVERING, 600V, 200 SILVER COATED WIRE/SHIELD

#22 STRANDED 100 FEET \$4.50 1000 FEET \$35.00
2/22 " " " 6.00 1000 " 50.00

#18 16/30 VINYL COVERED HOOK-UP \$2/c \$15/M FT
#20 10/30 " " " "1.75/c 11/M "

TAP SWITCHES



OHMITE MODEL 608-6 HEAVY DUTY TAP SWITCH, 300 VAC 100 AMP RATING; SIX TAPS WITH 200 FULL ROTATION. 6" DIA. X 3-3/8"; SHAFT 3/8" DIA. X 2". LESS KNOB, \$10.95
MODEL 608-4 TANDEM, SIMILAR, BUT TWO DECKS, FOUR TAPS EACH, 7" L. 12 LBS. USED, LESS KNOB, \$16.95

OHMITE MODEL 212-12 TAP SWITCH: 150 VAC 20 AMP RATING. TWELVE TAPS WITH 330 TOTAL ROTATION. SIZE: 2 1/2" DIA. X 1 1/2"; SHAFT 1/4" DIA. X 1 1/2"; SHPG. WT: 2 LBS. LESS KNOB, \$2.95

OHMITE MODEL 412-5 TAP SWITCH, 300 VAC 50 AMP (150 V. BETWEEN TAPS). FIVE TAPS IN 120 FULL ROTATION. 4 1/2" DIA. SHAFT. OVERALL: 4 1/2" DIA. X 2 1/2". SHPG. WT: 4 LBS. LESS KNOB, \$6.95

OTHER OHMITE SWITCHES AVAILABLE. WRITE.



TAP SWITCHES, 120/240 VAC 10/5 AMP UNLESS OTHERWISE NOTED. 2 1/2" DIA. SHPG. WT: 1 LB. USED.

#AHH-23-10; TWO DECK, THREE POSITION. WITH KNOB, \$1.95

#AHH-230; 2-DECK, 3-POS. AND OFF; CONT. TURN. 15/10 AMP. L/KNOB, SHFT 3/16" D. X 3/8", \$2.25

#LOV-230; LIKE AHH-230, BUT SHFT. 1 1/2" L. \$2.50

#AHH-33-10; 3-DECK, 3-POS., W/KNOB, \$2.75

#LOV-330; SAME AS LOV-230, BUT 3-DECK, \$2.95

#AHH-63-10; 6-DECK, 3-POS., W/KNOB, \$3.95



AHH-2W-3W TAP SWITCH; 3-POSITION WITH OFF. TWO-WIRE RATING: 120/240 VAC 30/15 AMP; THREE-WIRE: 15/15 AMPS. CASE SIZE: 1-7/8 X 1 1/2 X 1 1/2; WT: 1 LB. USED, WITH KNOB, \$2.95

SUGAR READER



CALBIOCHEM MR340 GLUCOSE MINI-READER; A SMALL FIXED-WAVELENGTH (340 NM) ULTRAVIOLET PHOTOMETER DESIGNED TO MEASURE GLUCOSE LEVELS IN BODY FLUIDS. USE OF THE INSTRUMENT INVOLVES THE PLAC-

ING OF A SAMPLE SOLUTION IN A SPECIAL CUVET (NOT AVAILABLE) BETWEEN THE KNOWN LIGHT SOURCE AND A PHOTORESISTIVE CELL. A REDUCTION REACTION OF NADP TO NADPH BROUGHT ABOUT BY A STANDARD SET OF ENZYMES ESTABLISHES THE SUGAR CONCENTRATION BY THE VARIANCE OF THE RESISTANCE IN THE ELECTRICAL CIRCUIT. THESE DIFFERENCES ARE TRANSLATED ELECTRONICALLY IN TERMS OF GLUCOSE CONTENT INDICATED ON A 2 1/2 X 2 1/2 METER. THE METER READS 0-350 MG% IN TWO SCALES. PRECISION: ±1% OF FULL SCALE. SENSITIVITY: 1/2 SCALE DIVISION (1.5 MG%) DISCERNABLE ON LOW SCALE. ENZYMATIC REAGENT PACKAGES ARE NOT AVAILABLE. OTHER USES OF THE METER WITHOUT THE SPECIAL ACCESSORIES POSSIBLE AS A COMPARATOR OF RELATIVE FLUID OR TRANSPARENT MATERIALS DENSITY. UNIT INCLUDES INSTRUCTION BOOK AND TEST INFO. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 4x7x4 1/2; SHPG. WT: 6 LBS. PRICE: UNUSED, \$29.95



MT-314/MPG-1 INDICATOR TUBE MOUNT FOR 7BP7 C.R. ELECTRIC FOCUSING WITH DIEHL CONTROL MOTOR FPE-25 75 V 60 CYC 2 PH AND A.C. SELSYN 115 V. 60 CYC. TYPE XV #78386, CAST ALUM INUM HOUSING & TUBE SOCKET FOR 7BP7 CATHODE RAY TUBE, FACE 1 1/2" SQ. X 1 1/2" DEEP, WT: 35 LBS. PRICE: LESS 7BP7 C.R. TUBE UNUSED \$14.95 WITH 7BP7 C.R. TUBE \$24.95

AMPLIFIER CONVERTER



AM-1955/GRC AMPLIFIER CONVERTER COVERS FREQ RANGE 600 TO 1000 MHZ. IF SEEMS TO BE ABOUT 20 MHZ. A 115V 60HZ MOTOR IS PART OF AFC SYSTEM. POWER REQUIRED 150 VDC AND 6.3 VAC. TUBES 2C40A, 2/5842, 5654, IN21B, IN21WE, SIZE 15x9x8 SHPG WT: 30 LBS. USED EXCELLENT CONDITION \$50.00

TRANSMITTING CAPACITORS

MICA TRANSMITTING CAPACITORS, G-SERIES TYPE IN USED OR UNUSED CONDITION DEPENDING UPON A VALUE'S AVAILABILITY. VARIOUS MANUFACTURERS. SATISFACTION GUARANTEED OR PURCHASE PRICE WILL BE REFUNDED. OTHER VALUES IN STOCK. WRITE.



TYPE	KV	MFD	KV	MFD
GL, 2 1/2" H X 2 1/2" DIA., WT: 3 LBS.	1.0	0.04	6.0	0.0001
	1.5	0.08	6.0	0.00024
	3.0	0.02	6.0	0.0006
	4.0	0.0062	6.0	0.0003
	5.0	0.00015	6.0	0.00047
	5.0	0.01	10.0	0.00015
G2, 3 1/2" H X 3" DIA., WT: 5 LBS.	2.0	0.03	10.0	0.00027
	2.0	0.045	10.0	0.00057
	8.0	0.003		
	10.0	0.00015	15.0	0.0002
	10.0	0.0002	20.0	0.00005
G3, 5" H X 4" DIA., WT: 8 LBS.	2.5	0.15	14.0	0.002
	5.0	0.02		
	6.0	0.006	20.0	0.000051
	8.0	0.005	20.0	0.00015
	10.0	0.0051		
G4, 5" H X 5 1/2" DIA., WT: 12 LBS.	4.0	0.084	10.0	0.02
	4.0	0.01	12.0	0.008
	6.0	0.024	15.0	0.004
	6.0	0.0373	15.0	0.01
	8.0	0.012		
	10.0	0.01	25.0	0.0025
G5, 6 1/2" H X 10" DIA., WT: 22 LBS.	10.0	0.02	25.0	0.0051
	15.0	0.0068	30.0	0.0027
	15.0	0.0082	35.0	0.0003
	15.0	0.01	35.0	0.00039
	25.0	0.003	35.0	0.00082
	25.0	0.004	35.0	0.0015

STEPPING SWITCHES



STOCK NO.	POS.	DECK	VDC	PRICE
7709181-P3	25	10	24	\$9.95
7709181-P6	25	9	24	8.95
7709181-P1	26	9	24	9.50
H77256	26	4	24	5.95
A224362 NEW	26	10	24	12.95
A202763	10	6	36-48	5.95
A29656	25	10	36-48	8.95
517722	24	8	30	5.95
289281 NEW	26	2	12	9.95
SW8BDC	25	10	28	8.95
A320750	20	8	115	9.95

AN/UPM-1 WAVEMETER-OSCILLATOR SCOPE RADAR TEST UNIT FOR 155-235MC AND 460-570MC CONTAINS PULSE AND SWEEP GENERATOR VIDEO AMP. 3" OSCILLOSCOPE, TWO WAVEMETER TWO OSCILLATORS. POWER REQUIREMENTS: 80, 115 OR 230 VOLTS AC. 60-1000 CYCLES. SIZE: 30x21x24 WT: 150 LBS. USED \$39.50
DIFOLE ANTENNA FOR AN/UPM-1 USED \$9.95

OS-29/UPM-4A OSCILLOSCOPE, USED AS PART OF RADAR TEST SET. INPUT SENSITIVITY: 0.2 TO 20 V. IN SIX STEPS; RISE TIME: 0.2 U-SEC. SWEEP DURATION: 5, 12, 75, 500, AND 2600 U-SEC; SWEEP DELAY ADJUSTABLE FROM 3 TO 175 U-SEC. MARKERS AT 0.1, 1, 5, AND 50 U-SEC. INPUT IMPED: 400K OHMS (MIN) PARALLELED BY 60 MMF. WITH 3JPI CRT. VOLTAGES REQUIRED: 300, -27, 425, AND 105 VDC. SIZE: 9 1/2 X 22 1/2 X 1 1/2; SHPG. WT: 50 LBS. RECOND., \$34.95

TS-239/UP OSCILLOSCOPE, AC COUPLED WITH 10 HZ TO 5 MHZ RESPONSE. SWEEP TIME: 0.5 TO 50K U-SEC. CONTINUOUSLY ADJUSTABLE; ALSO SWEEP DELAY AND EXPANSION X10. MARKERS AT INTERVALS 0.2, 1, 10, 100 OR 500 U-SECS. RISE TIME: 0.08 U-SEC. INPUT IMPEDANCE: 300K OHMS PARALLELED BY 30 MFD. SIGNAL INPUT VOLTAGE: 0.1 TO 100 VOLTS PEAK. WITH 3JPI CRT. POWER REQUIRED: 115 VAC 50-1000 HZ. SIZE: 21 1/2 X 16 1/2 X 3 1/2; SHPG. WT: 75 LBS. USED, REP, \$35

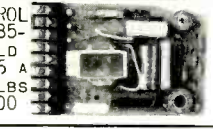
MAGNETIC GENERATORS; HAND CRANK, APPROX OUTPUT 100 VOLTS DEPENDING ON SPEED OF ROTATION. USED TO RING TELEPHONE BELLS. CAN BE USED FOR WORM SHOCKER ETC



GN-41 4 " " " " \$9 G-25 \$5.95
 GN-388 ALNICO " " " " \$10 G-42 \$7.95

DC AIRCRAFT MOTOR; GE#5BA-50LJ29, 0.4 HP, 3000 RPM. ARMATURE: 60V. @ 2.3 AMPS FIELD: 27 VOLTS @ 6.5 AMPS DUTY: 10 MIN. @ FULL RATING. SHAFT IS CORKSCREW-TYPE 5/8 INCH DIA. FLANGE MTG. 3/8 CNTS. BODY SIZE: 6x4x4 1/2 WT: 11 LBS. \$4.95

VARIABLE SPEED DRIVE CONTROL USED WITH MOTOR AM No. E-85-132. GE#3S750RJ750A1, FIELD 100 VDC ARM., 140 VDC., 2.6 A INPUT 230 V. 50/60 HZ. 5 LBS GE#3S7505RJ750A1 NEW \$25.00



JOHN OSTER TYPE C-24A-1B KS-5829 SERIES MOTOR; 27 VDC, 0.01 HP, 7000 RPM. SIZE: 3x2 DIA.; SHAFT: 1x7/8 DIA. WT: 1 LB. UNUSED, \$1.25



GE#5PR56HCM 110 v. 2.3 A. 8000 RPM. INT. 1/10 H.P. 50/60 cyc. REV. SIZE 3x5. SHAFT 3/16x1 STK. #3H3000B2 5 LBS. N. \$12.95

DICTAPHONE #7CB-2P; 115 v. 60 c 1/60 HP. 1740 RPM. SIZE 3x3. SHAFT EA. END 1/2, 2LB. N \$9.95

ART-13 MOTOR, 28 VDC. .05 HP @ 3900 RPM. REVERSIBLE; BALL BEARING. MOTOR WILL OPERATE ON 12 VDC. SIZE: 4x3x3 1/2 DIA. WT: 1 1/2 LB. PRICE: GOVT RECONDITIONED \$2.95



DELCO MOTOR A7155 27.5 vdc 2.4 AMP. 1/30 HP 3600 RPM. SIZE: 5 1/2 x 2 1/2 DIA. SHAFT 1 1/2 DIA. WT: 1 1/2 LB. UNUSED \$2.95

TG-10 KEYER MOTOR, 115v. 60 HZ. 1550 RPM WITH 1-7/8" SHAFT GEARED TO 80 RPM. REMOVED FROM TG-10 EQUIPMENT. SIZE: 3x3x4 1/2 WT: 3 LBS. #3H3000-3 Used \$2.95

ELECTROLUX MOTOR 28.5 vdc 1.8 AMPS. 1/35 HP 220 RPM. SHAFT SIZE: 1 1/2 DIA. MOTOR SIZE: 4x3x3 DIA. WT: 5 LBS. USED \$3.95

WESTINGHOUSE BUSINESS MACHINE MOTOR, 0.025 HP. 115v. 50/60 HZ @ 1.2/1.0 AMPS. TO BE USED WITH 4 OR 3 MFD. CAPACITOR FOR 1425 OR 1725 RPM. SIZE: 4x4x4; WT: 5 LBS. SHAFT 5/16x3 FLATTENED FOR RUBBER SHOCK MTG. BRACKET. NEW \$4.95

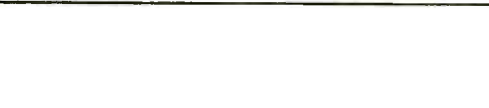
HYSTERESIS SYNCHRONOUS MOTOR 115V 60HZ, 1800RPM, CONT. 1/8HP FL. MTG. 7", SHAFT 2/11x3/8 DIA. SIZE 6x5, CAP. ST. USED 25LE. BODINE#MCH-54 OR EQUAL \$25.00

RECORDER MOTOR, 115 v. 60 CYCL CAP. REG. 4 MFD. INT. DUTY. 900 & 1800 RPM. 3.5/2.5 HP OZ. IN. MOTOR MOUNTED ON IN CLINE BASE THAT CAN BE REMOVED FOR FLAT MOUNT. 1/2" SHAFT AVAILABLE WITH OR WITHOUT CONE. MOTOR SIZE 4x3x3. REVERSIBLE DUAL SPEED. #HBC-2918-2N; 6 LBS. PRICES: WITH CONE \$5.95 LESS CONE \$4.95

HEINZ 1160039-C57; 115 v. 60 cyc. .7 A. 3500RPM MO. SIZE 3x3 1/2, SHAFT 1/2x3; 3 LB. CONT. N. \$6.95

EAD/WE KS-5718; 115 v. .27 A. 50/60 cyc. CAP. REG. 4 MFD. DUAL SPEED 2750/3300 RPM. MO SIZE 3x3x3, 4 LBS. SHAFT 5/16x1, 1/50 HP. N. \$14.95

WE KS-5871-LO1 MOTOR, 28.8 vdc @ 3.3 A. 5600 RPM, 0.04 HP SERIES WOUND. CONTINUOUS DUTY; REVERSIBLE WITH SPEED GOVERNOR. (MAY ALSO OPERATE AT 12 VDC AT REDUCED SPEED. SHAFT 1/2x1, OVERALL SIZE: 6x3x3 1/2 DIA. SHPG. WT: 7 LBS. USED \$7.95



MERCURY MOTOR 24 TO 28 VOLT DC 60 HZ. OPEN FRAME TYPE, APPROX. 2500 TO 3000 RPM DEPENDING ON THE OPERATING VOLTAGE AND LOAD. SIZE: 2x2x3x3 WT: 1 LB. #MER-MO2428 Used 75¢

OPEN FRAME MOTOR, 115v. 60 HZ. 500 RPM ONE DIRECTION, 1000 RPM THE OTHER. SHAFT 1x1/16" DIA. SIZE: 2x3x4 WT: 2 LBS. #B30B \$1.00

EMC TYPE 300, 45v. 60 HZ. 6.5 RPM. LIGHT OPEN FRAME 5x2x1 1/2, SHAFT: 1x3/16" DIA. WT: 1 LB. \$1.50

28 VOLT MOTOR, 135 RPM; HP: 1 OZ/IN. WITH 5/16x2 1/2 DIA. GEARED SHAFT; HAS 4 SOLDER TERMINALS ON 1x1 1/2x1 1/2 BLOCK. MOTOR SIZE: 5x1 7/8 DIA. WT: 1 LB. GE#5BA10FJ444 Used, \$7.95

GEARHEAD MOTOR; 115 VAC 60 HZ, 3.44 RPM. OPEN FRAME TYPE FOR LIGHT USE. SHAFT 4x5/16" DIA. 6x2x3, 2 LBS. #ZA-1056, \$1.95

ARN-6 BANDSWITCH GEAR AND MOTOR ASSEMBLY, 28 VDC. BENDIX M-4A MOTOR. ASSY. SIZE: 1 1/2x2 1/2x3 1/2; MOTOR SIZE: 1 1/2x2 1/2x1 1/2 WT: 3 LBS. \$2.95

B-701/R-107 MOTOR FROM AS-313/ARN-6 LOOP ANTENNA. OPERATES FROM 26 VOLT 400 HZ @ 2750 RPM. WILL OPERATE FROM 12 VDC 60 HZ. SIZE: 3x2 1/2x3 WITH 3/8" GEAR. WT: 2 LB. PRICE: USED \$3.95

POWERFUL SEVEN POLE 12 VDC MOTOR EXCELLENT FOR MODEL TRAINS OR BOATS. 1 1/2 IN LONG; 1 3/16 DIA. SINGLE ENDED 1/4 IN, 5/64 DIA SHAFT. ORIGINALLY PART OF TAPE DECK. WITH INSTRUCTIONS TO REMOVE CASSETTE DRIVE HUB. VERY LOW CURRENT REQUIRED. UNUSED \$7.95 EA

JELCO PM MOTOR 5067125, 27.5 vdc, 10,000 RPM. TWO GOVERNORS, TAPERED SHAFT 3/16x1/16" DIA. MOTOR SIZE: 3x1x1 WT: 5 LBS. \$3.95

MOTOR W/RIGHT ANGLE SHAFT & MOUNT, 1/8 HP 230 RPM. SHAFT SIZE: 5/16" LONG X 3/8" DIA. CLEARANCE BETWEEN SHAFT AND MOUNTING ABOUT 1" REQUIRES 115 VAC 60 HZ @ 1.9 AMPS. SIZE: 7x3 1/2 DIA. WT: 15 LBS. ROBBINS & MEYERS #KL-H330, \$12.95

VICKERS AR-10007G 115 VOLT 50/60 CYCLE SELENOID OPERATED AIR VALVE ONE INLET ACTUATES TUBE PLUNGER 1" STROKE. USED SIZE: 6x4x2 1/2; 5 LBS. \$18.00

REDMOND BLOWER MOTOR: 24 VOLT DC 6000 RPM MOTOR .96 AMPS. OVER-ALL SIZE 4x3x3 1/2; WT: 2LBS. #451-1085 UNUSED \$4.95

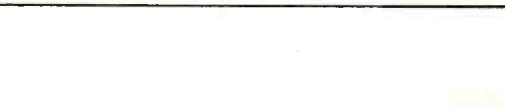
JOHN OSTER 10 CFM BLOWER WITH MOTOR C2BP-1A. 27.5 vdc 0.01 HP, 6000 RPM. SIZE: 3 1/2x3 1/2x4 1/2 WT: 4 LBS. USED \$3.95

28 VDC BLOWER, 6200 RPM WITH THE OPTION OF EITHER A SHUNT MOTOR TYPE OR PM MOTOR. SIZE: 3x2 1/2x3 SHPG. WT: 4 LBS. BLOWER WITH SHUNT MOTOR \$3.95 BLOWER WITH PM MOTOR \$6.95

12/24 VOLT DC DUAL BLOWER, APPROX. 50 CFM, 1500 RPM @ 12 vdc; 100 CFM, 3000 RPM @ 24 vdc. SIZE: 10x5x5 WT: 7 LBS. USED \$3.95

LOW SPEED MOTOR, 230 v. 60 HZ, 10 RPM WITH GEARBOX. SHAFT 1/2x1/2 DIA. MOTOR SIZE: 2 1/2x2 1/2x4, WT: 2 LBS. USED \$1.95

PHONOGRAPH MOTOR, 80 VDC 60 HZ. 78 RPM. WILL ALSO OPERATE ON 115V. WITH RESISTOR. ON MOUNTING PLATE. SIZE: 3x3x3 WT: 2 LBS. Used 59¢



AY-201 SYNCHRO CONTROL TRANSFORMER, ROTOR 1 PHASE 26 V., STATOR 11.8 V. 400 CYCLE. SIZE: 1 1/2x1 1/2; SHAFT 1/16x3/8. VARIOUS MANUFACTURE PRICE: REMOVED FROM EQUIP. \$4.00

AY-165 AUTOSYN DIFFERENTIAL, 400 CYCLE, 11.8 V. 3 PHASE ONE TO ONE RATIO. BENDIX & OTHERS. SIZE: 1 1/2x1 1/2. PRICE: REMOVED FROM EQUIP. \$2.95 AY-231 AND AY-232 SAME SPECS. AS ABOVE.

AY-123 AUTOSYN RESOLVERS; 400 CYCLE, ROTOR 2 PHASE 26 VOLT, STATOR 2 PHASE 11.8 VOLT. PRICE:

AY-177-B1 AUTOSYN DIFFERENTIAL 400 CYCLE 3 PHASE 11.8 V. TO 3 PHASE RATIO 1-1 SIZE: 1 1/2x1 1/2; SHAFT 2x1/16 PRICE: NEW \$2.95

SYNCHRO GENERATOR SPERRY #R5663642, MFG. BY BENDIX. SIMILAR TO BENDIX AY-401-2, OPERATES FROM 26 VOLTS 400 CYCLE SINGLE PHASE WHEN USED IN CONJUNCTION WITH AY-201 CONTROL TRANS. IT WILL OPERATE UP TO 20 UNITS. SIZE: 2 1/2x2 1/2; WT: 12 OZ. PRICE: NEW \$2.95 SPERRY RAY-248, RCY-250, RBX-251, 662428, 662-426, 652174 AND OTHERS. PRICE: RE-MOVED \$2.95

HUGHES RESOLVER 810229, 810228, 810227 RM \$2.95 KETAY TRANSFORMER K-101300-20 RE-MOVED \$2.95 23CX4 TRANSMIT. 115 v. 400 cyc USED \$ 8.95 23TX4 " " " " " " 8.95

23CT4 CON/TRANS. " " " " " " 8.95 23RS4A RESOLVER 90/90v " " " " 8.95 23CT6 TRANSFORMER 90/1V PER. DEG. "60CY 8.95

2JIHI SELSYN DIFFERENTIAL GENERATOR NORMALLY OPERATES FROM 57.5/57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 26 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM ON PAGE 31. SIZE: 2 1/2x4 1/2; WT: 8oz. PRICE WITH CONNECTOR CAPS. \$3.95

DAYSTROM TRANScoil CONTROL MOTOR 115 VOLT 60 CYCLE, 1 PHASE, 2 PHASE 200 VOLT CT., 3200 RPM. SIZE: 2x2x2, SHAFT SIZE: 1/16x3/8 WITH GEAR. REMOVED FROM NEW EQUIP. PRICE: \$5.00

GE SELSYN CONTROL TRANSFORMER WILL OPERATE FROM 26 VOLTS 60 CYCLE) SIZE: 2x2; 1 LB. PRICE NEW \$3.95

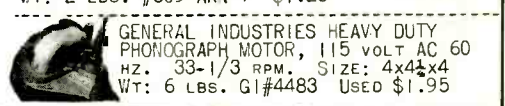
GM-4 AMMUNITION BOOSTER GEARED MOTOR MOUNTED IN-SIDE FRAME WITH SHAFT & SPROCKETS THAT ARE 3 1/2" DI & 3 1/2" APART. MOTOR DESIGNED FOR 24 v. 400 cyc. 3 PHASE, BUT CAN BE OPERATED FROM 24 v. 60 cyc @ 20 RPM. USING 4 MFD CAP. USING HIGHER CAP. WILL INCREASE SPEED AND TORQUE. STAINLESS STEEL FRAME CAN BE REMOVED EASILY. INST. FURNISHED. SIZE: 7 1/2x2 1/2x5 1/2; 10 LBS. GE#9160256-G4M N. \$5.95

LINEAR ACTUATOR, STAT. 200, TENS. 40, COMP. 40. ARM TRAVEL 5/16". MOTOR 115v. 400 HZ, 1600 RPM. DUTY 1/10, 0.04 HP. TORQUE: 6.7 IN-OZ. SIZE: 5x5x3 1/2 WT: 5 LB. AIRSEARCH#34930 Used \$3.95

LINEAR ACTUATOR, STAT. 200, TENS 75-100, COMP. 75-100. ARM TRAVEL 3/4". MOTOR 115v. 400 HZ., 0.025 HP 6500 RPM. DUTY 1/10, TORQUE: 3.9 IN-OZ. SIZE: 5x8 1/2x4 1/2 WT: 5LB AIRSEARCH#3D146-120 Used \$3.95

RATCHET MOTOR, 24 VDC 60 RPM CONTINUOUS. ALSO THREE POSITION STOP. BAND SWITCH ASSEMBLY AS USED IN R-5/ARN-7 COMPASS RECEIVER. UNIT WILL ALSO OPERATE FROM 18 TO 24 VDC. SIZE: 3x4x1 1/2 WT: 2 LBS. #609-ARN-7 \$1.25

GENERAL INDUSTRIES HEAVY DUTY PHONOGRAPH MOTOR, 115 VOLT AC 60 HZ. 33-1/3 RPM. SIZE: 4x4 1/2x4 WT: 6 LBS. G1#4483 Used \$1.95



RECEIVER-TRANSMITTER



AN/GRC-19 RECEIVER-TRANSMITTER SET WITH THE R-392 RECEIVER AND THE T-195 TRANSMITTER DESCRIBED BELOW. HOWEVER, A COMPLETE SET PRICE FOR THE R-392, T-195, MX-851 BASE, CX-1599 CABLE, BATTERY CABLE IS AVAILABLE. USED, CHECKED RECEIVER, REPARABLE TRANS. P.U.R.:

R-392/U/R RADIO RECEIVER, 500 KHZ TO 32 MHZ IN THIRTY-TWO BANDS OF 1 MHZ EACH, EXCEPT 500 KHZ TO 1 MHZ IS 1/2 MHZ. TYPE SIGNAL RECEIVED: CW, MCW, VOICE AND FSK. TRIPLE CONVERSION ON LOWER EIGHT BANDS, DOUBLE ON ALL OTHERS. CONTINUOUS TUNING READ DIRECTLY ON COUNTER TYPE INDICATOR. BUILT-IN CRYSTAL CALIBRATOR, 100 KHZ POINTS. WITH 25 TUBES OF 12AU7, 26A6, 26A7, 26C6, & 26O6. POWER REQUIRED FOR OPERATION: 24/28 VDC @ 3 AMPS. HIGH PERFORMANCE, RUGGED DESIGN. PORTABLE. SIZE: 11x14x11 WT: 52 LBS. SHPG. WT: 70. PRICE: USED, P.U.R.:

T-195/GRC-19 TRANSMITTER, 1.5 TO 20 MHZ IN TEN BANDS. FREQUENCY STABILITY 0.03% PLUS 1000 HZ. MANUAL OR AUTOMATIC TUNING. TRANSMITS CW, VOICE, OR FSK. POWER OUTPUT WITH 50 OHM ANTENNA: 100 WATTS @ 1.5 TO 12 MHZ; 90 WATTS @ 12 TO 16 MHZ; 80 WATTS @ 16 TO 20 MHZ. AUDIO INPUTS MICROPHONE OR 600 OHM LINE METERS FOR PA CATHODE CURRENT, PA GRID CURRENT, BATTERY VOLTAGE AND MODULATION LEVEL. WITH 22 TUBES INCLUDING TWO 4X1500'S. POWER REQUIRED: 22-30 VDC @ 42 AMPS MAX. 9 AMPS STANDBY. SIZE: 11x14x22; WT: 122 LBS. SHPG. WT: 150 LBS. PRICE: USED, COMPLETE-REPARABLE P.U.R.:

MT-851 MTG. BASE AS USED GRC-19 60 LBS. U.\$10
CX-1599 CABLE CONN. R-392 TO T-195 WRITE
T-195 BATT. CABLE WITH PLUG. \$4.95
R-392 MANUAL (REPRODUCTION) \$10.00
T-195 " " 7.50
AN/GRC-19 OPERATORS MANUAL 3.00
T-195 " " EACH 3.00

F-237/GRC BAND PASS FILTER 54-70.9 MHZ, CONTINUOUS TUNING 250 KHZ. BANDWIDTH @ 3 DB, 4.5 MHZ @ 40 DB. IN-OUT 50 OHMS IMP. REDUCES CROSS TALK SIZE: 11x11x5; WT: 15 LBS. UNUSED \$19.95

38 TO 54 MHZ RECEIVER



R-110 RECEIVER 38 TO 54 MHZ FM CONTINUOUSLY TUNEABLE, VARIABLE SQUELCH AND AUDIO, OUTPUT IMPEDANCE 600 OHMS. 4.3 MHZ. I.F. WITH TUBES 3/1U4, 2/1L4, 1A3, 2/3A5, 1S5, 2/3C4, 2/6AK5 & 0B2. VOLTAGES REQ. 135 VDC @ 70 MA. AND 6.3 VDC 2 AMPS. SIZE: 9x13x7 1/2; WT: 32 LBS. USED \$49.50

R-108 RECEIVER, SAME AS R-110 ABOVE EXCEPT 20-28 MHZ. USED \$29.95

R-109 RECEIVER, SAME AS R-110 ABOVE EXCEPT 27-39 MHZ. USED \$39.95

PP-282 POWER SUPPLY 24 VDC FOR R-108-109-110 RECEIVERS. MOUNTS INSIDE REC. USED \$5.95



SHOCKED-MOUNTINGS FOR GRC SERIES RADIO SETS. ALL HAVE APPROPRIATE CABLES & CONNECTORS

THAT GO FROM THE MTG. TO THE SET & BATTERY, BUT THEY DO NOT HAVE JUMPER CABLE UNIT-UNIT. MT-297/U HOLDS R/T, PS, REC., RT-70, AM-65 C434 SIZE: 3 3/4x13 3/4x4 1/2; WT: 75 LBS. USED \$25.00
MT-298/U HOLDS TWO (2) R/T & TWO (2) PS. SIZE: 3 3/4x13 3/4x4 1/2; WT: 85 LBS. USED \$20.00
MT-299/U HOLDS ONE RT-66, 67, OR 68 & ONE PS SIZE: 18 1/2x13 3/4x4; WT: 50 LBS. USED \$25.00
MT-300/U HOLDS (1) RT-70 & AM-65 (PIGGYBACK) SIZE: 8 1/2x13 3/4x4; WT: 25 LBS. USED \$20.00
MT-791/U NO CABLES, FOR SINGLE UNITS SUCH AS REC. MD, CY, GSA, PP, ETC. SIZE: 8 1/2x13 3/4x4; WT: 18 LBS. USED \$15.00

RECEIVER-TRANSMITTER

RT-68/GRC RECEIVER-TRANSMITTER, 38 TO 54.9 MHZ RANGE CONTINUOUSLY TUNEABLE OR 100 KHZ-STEP PRESENT CHANNELS OR TWO PRE-SET CHANNELS. RECEIVES AND TRANSMITS BOTH VOICE AND 1600 HZ RINGING FM SIGNALS. THE OVERALL COMMUNICATION RANGE IS FROM 10 TO 15 MILES. THE RECEIVER CIRCUIT IS A DUAL-CONVERSION SUPERHETERODYNE TYPE WITH THE 1ST IF VARIABLE FROM 4.45 TO 5.45 MHZ AND THE 2ND IF FIXED AT 1.4 MHZ. THE RECEIVER HAS A VARIABLE SQUELCH CONTROL AND A 600 OHM OUTPUT IMPEDANCE. THE TRANSMITTER CIRCUIT USES A CRYSTAL CONTROLLED OSCILLATOR AND OSCILLATOR POWER AMP AND PUTS OUT 2 WATTS ON LOW POWER VOLTAGE OR 16 WATTS ON HIGH POWER VOLTAGES SUPPLIED FROM THE POWER SUPPLY SOLD SEPARATELY. THE RT-68 ALSO PROVIDES A METER AND TEST SWITCH TO MONITOR TRANSMITTER POWER OUTPUT FILAMENT AND THE 90 VOLT INPUT. WITH TUBES 4/1U4, 2/1A3, 2/1L4, 4/1R5, 2/1AE4, 1S5, 4/3C4, 3/3A5, 2/3B4, 3A4, 6AK5 AND 2E24. SIZE: 9x13x11 1/2 WT: 42 LBS. USED \$75.00



RT-66/GRC RECEIVER-TRANSMITTER SAME AS RT-68 ABOVE EXCEPT 20-27.9 MHZ RANGE. USED \$39.50

RT-67/GRC REC-TRANS. SAME AS RT-68 EXCEPT 27-38.9 MHZ RANGE. REPARABLE \$49.50



PP-112/GRC 24 VOLT POWER SUPPLY FOR THE RT-66, 67 AND 68 SERIES RECEIVER-TRANSMITTERS. THIS UNIT SUPPLIES ALL THE NECESSARY VOLTAGES FOR THE RECEIVER AND TRANSMITTER CIRCUITS. INCLUDES LOW AND HIGH POWER SWITCH FOR THE TRANSMITTER SECTION. SIZE: 9x13x7 1/2 WT: 38 LBS. USED \$25.00

PRC-10 RECEIVER-XMITTER

RT-176/PRC-10 RADIO RECEIVER-TRANSMITTER; PORTABLE UNIT OPERATING FROM 38 TO 54.9 MHZ FM VOICE COMMUNICATIONS. THE RECEIVER SECTION HAS AN IF OF 4.3 MHZ AND AN AUDIO OUTPUT IMPED. OF 600 OHMS. TRANSMITTER OUTPUT IS 0.9 WATTS WITH A NORMAL RANGE OF ABOUT FIVE MILES. MICROPHONE INPUT IMPED. 150 OHMS. BOTH RECEIVER AND TRANSMITTER SECTIONS ARE CONTINUOUSLY TUNEABLE. WITH CONTROLS FOR VOLUME, TUNING, SQUELCH, POINTER ADJUST AND DIAL LOCK. CONNECTOR FOR EXTERNAL SPEAKER. WITH TUBES 9/5678, 2/5672, 3/5676, 1A04 AND 5A6. POWER REQUIRED: 135 VDC, 67 VDC AND 1 1/2 VDC. LESS BATTERY CASE. ACCESSORIES LISTED ELSEWHERE. SIZE: 9 1/2x3x10 1/2 WT: 9 LBS. RT-176/PRC-10 USED \$29.50



RT-174/PRC-8, SAME AS PRC-10 EXCEPT 20.0 TO 27.9 MHZ. USED-COMPLETE, NOT CHECKED, \$30.

RT-209/PRC-21 FM TRANSCEIVER, SINGLE-CHANNEL, CRYSTAL-CONTROLLED BETWEEN 152-174 MHZ. POWER OUTPUT: 150 MW. REQUIRES 135 VDC, 67.5 V, 45 V, 1.5 V, AND 2/-6 VDC. USED, \$39.50

ME-29 DC AMMETER, USED IN TESTING GRC EQUIPMENT. RANGES: 1, 5, 10, 50, 100, AND 500 MILLIAMPS DC. WITH 3 1/2" ROUND METER, REVERSE POLARITY SWITCH, PATCH CORD, AND COVER. SIZE: 7 1/2x3 1/2x5; WT: 7 LBS. PRICE: USED, CHECKED, \$15.95



ACCESSORIES

BATTERY CASE CY-744/PRC.....USED \$3.00
AT-272A GOOSENECK ANTENNA BASE...NEW \$1.50
AT-272 RIBBON ANTENNA SECTION...USED \$1.50

H-33/PT HANDSET W/UG-77 PLUG, USED WITH GRC & VRC EQUIPMENT USED \$5.95
M-29/U MICROPHONE W/UG-77 PLUG USED \$3.95
CONNECTOR PLUGS F/GRC & VRC \$2.50
CX-1211 CABLE ASSY(DOGBONE) 14 COND. \$4.95

LS-166/U LOUDSPEAKER 4" HEAVY DUTY PM IN ALUM CASE, 8 OHM OUTPUT, 600 OHM INPUT, HIGH-LOW SW. & UG-77 PLUG. SIZE 5x5x3 1/2; 5 LB"U"\$8.95

PRC-6 WALKIE-TALKIE



RT-196/PRC-6 RECEIVER-TRANSMITTER F.M. 47 TO 55.4 MHZ, CRYSTAL CONTROLLED ONE PRESET CHANNEL, ABOUT 1 MILE DEPENDING ON TERRAIN AND CONDITIONS. HANDHELD UNIT HAS PUSH TO TALK SWITCH MIC., PHONE, FOLD DOWN ANTENNA, SHOULDER STRAP ETC. ALSO PROVISIONS FOR USING H-33/PT HANDSET. WITH TUBES 6/5678, 3/5672, 2/5676, 3B4, POWER REQ. 1.5, 45, AND 90 VDC, USUALLY SUPPLIED BY BA-270 BATTERY (NOT AVAILABLE). SIZE: 15x5x4 1/2; 5 LBS. USED, EXCELLENT, \$25.



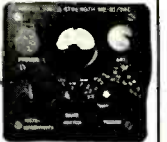
LS-166/U LOUDSPEAKER; HOUSED IN CAST ALUMINUM CASE, SPEAKER IS 4" WITH HEAVY DUTY P.M. MAGNET, MATCHING TRANS. 600 OHM INPUT, 8 OHM OUTPUT WITH HIGH-LOW SWITCHING, 6 FT. CORD WITH UG-77 CONNECTOR PLUG FOR USE WITH MOST GRC, VRC SERIES SETS. SIZE: 5x5x3 1/2; 5 LBS. USED \$9.95

GRC/PRC BATTERY TEST

AN/PSM-13 BATTERY TEST SET; DESIGNED TO CHECK GRC AND PRC-TYPE BATTERY PACKS INCLUDING BA-270, -279, -376, -377, -386/PRC-25, -398/PRC-25, -399, AND -505. METER INDICATES BAO-GOOD (FS=1 MA). WITH ADAPTERS U-240, -241, -242, -297, -314, -315, -346 AND CANVAS CASE. SHPG. WT: 7 LBS. PRICE: USED, EXCELLENT, \$24.95



ME-61/GRC FIELD STRENGTH METER 1.4 TO 24 MHZ IN THREE RANGES. WITH VARIABLE TUNING, SENSITIVITY CONTROL, 1 1/2" SQUARE METER, PHONE JACK AND ANTENNA. SIZE: 5x5x4 1/2 WT: 5 LBS. PRICE: USED \$34.50



RT-70 RECEIVER-TRANSMITTER 47 TO 58.4 MHZ FM VOICE COMMUNICATIONS. FEATURES CONTINUOUS TUNING OR TWO PRE-SET CHANNELS AND PUSH-TO-TALK TRANSMISSION. THE RECEIVER CIRCUIT IS THE DUAL CONVERSION TYPE WITH THE 1ST IF 4.3 MHZ AND THE 2ND IF 1.4 MHZ. WITH VARIABLE SQUELCH CONTROL. 600 OHM AUDIO OUTPUT IMPEDANCE. THE TRANSMITTER CIRCUIT HAS A 500 MW OUTPUT AND AN AUDIO INPUT IMPED. OF 150 OHMS. POWER REQUIRED: 90 VDC @ 80 MA, 6.3 @ 360 MA AND 6.3 @ 160 MA. WITH TUBES: 6/1U4, 3/1L4, 2/1R5, 1S5, 1AE4, 4/3C4, 3A5, AND 3B4. RELATED ACCESSORY EQUIPMENT LISTED ELSEWHERE. SIZE: 4 1/2x13x8 WT: 20 LBS. USED \$25.00



AM-65/GRC AUDIO FREQUENCY AMPLIFIER; THREE CHANNEL AUDIO FREQ. AMPLIFIER USED FOR INTERPHONE AND MONITORING OF VARIOUS TYPE GRC REC-TRANS. POWER REQUIRED: 135 VDC @ 35 MA AND 6, 12 OR 24 VDC. SIZE: 4 1/2x13x8 WT: 17 LBS. USED \$14.95



PP-282/GRC 24 VDC POWER SUPPLY USED WITH THE AM-65 AND RT-70. THIS UNIT PLUGS INSIDE THE AM-65 AND SUPPLIES THE VOLTAGES FOR BOTH AM-65 AND RT-70. SIZE: 4 1/2x6x3 WT: 6 LBS. USED \$5.95

COMBINATION OFFER

WHEN THE RT-70, AM-65 AND PP-282 ARE PURCHASED TOGETHER. ALL THREE FOR \$35.00

TECH MANUALS WITH SCHEMATICS FOR:
RT-196/PRC-6...\$7.50
PRC-9A-10A...\$7.50 AM-598...\$3.00
RT-66, 67 & 68...\$5.00 PP-109 & 112...\$5.00
RT-70...\$5.00 AM-65...\$5.00
R-108, 109 & 110...\$7.50
AN/VRC 13-15 OR AN/VRC 16-18, CONTAIN INFO & SCHEMATICS ON RT-66, 67, 68, R-108, 109, 110, PP-109, 112, VAR. MTG. CONTROL BOX ES. \$7.50

HIGH BAND

FM — TRANSMITTER — RECEIVERS

LOW BAND



R-394/U RECEIVER F.M. 152-172 MC. SINGLE CHANNEL CRYSTAL CONTROL DUAL CONVERSION, CRYSTAL FREQ. RANGE 24,033 TO 27.7 THIRD OVERTONE, TYPE CR-32/U, I.F. FREQ. 7.8 MC & 455 KC. 15 KC DEVIATION, OUTPUT IMPEDANCE 8 OHMS, POWER 6 WATTS, SQUELCH AND MUTING CIRC. MODULAR CONSTRUCTION WITH PLUG-IN UNITS FOR EASY SERVICING.

1ST R-F AMPL. UNIT W/TUBES 1/5840 2/1AD4.....LOCAL OSCILLATOR UNIT W/TUBES 2/1AD4,1/5678,1/VR31-5783 *****1ST I-F 7.8 MC UNIT W/TUBES 3/5678.....2D I-F AND DISCRIMINATOR UNIT WITH TUBES 7/5678.....AUDIO AND SQUELCH UNIT WITH TUBES 3/5678,1/5672,1/6AK6 ALSO 455 KC SELECTIVE FILTER UNIT WHICH IS WIRED, NOT PLUG-IN. ILLUSTRATION SHOWS THE PLUG-IN UNIT AND THE COMPARTMENT WHERE THE POWER SUPPLY IS ALSO PLUGGED INTO. COVER IS SUPPLIED AND HELD IN PLACE BY A SPRING LOADED FASTNER.

POWER SUPPLIES, CONNECTOR, CONTROL UNIT AND OTHER ITEMS THAT ARE USED WITH THIS SET ARE LISTED ELSEWHERE ON THIS PAGE.

SIZE: 8 1/2 x 5 1/2 x 14 1/2; WT: 19 LBS.

PRICES: USED GOOD CONDITION.....\$14.95
Gov't RE-CONDITIONED.... 22.50



R-257 or R-394 RECEIVER CHASSIS ONLY LESS ALL PLUG-IN UNITS AND FILTERS, WITH CONNECTORS & COVER. SHPG. WT: 10 LBS. USED \$4.95

R-257 or R-394 RECEIVER PLUG-IN UNITS ONLY

MX-1547 RECEIVER RELAY SUBASSEMBLY \$4.95

1ST R.F. AMPL. W/TUBES 1/5840,2/1AD4 \$3.95

LOCAL OSCILLATOR W/TUBES 2/1AD4,1/5678 \$4.95

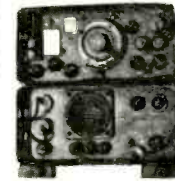
1/VR31-5783 & CRYSTAL. (NO CRYSTAL CHOICE)

2ND I.F. AND DISCRIMINATOR W/ TUBES 5678 \$3.95

1ST I.F. 7.8 MC. W/TUBES 3/5678 & CRYST \$4.95

AUDIO & SQUELCH W/TUBES 3/5678,1/5672 AND 1/6AK6 \$3.95

SELECTIVE FILTER 455 KC. (NOT SHOWN) \$2.95



AN/GRR-5 RADIO RECEIVING SET FOR USE IN THE 1.5 TO 18 MHZ RANGE, 4 BANDS 115 VOLTS 50 OR 60 CYCLE, 6, 12, 24 VDC OR DRY CELL BATTERIES 90 AND 1.5 VDC. CAN BE USED FOR OPERATION THE SET CONSISTS OF THE R-174 RECEIVER WHICH IS A SUPERHETRODYNE RECEIVES AM, CW AND MCW SIGNALS, WITH CONTINUOUS TUNING AND FACILITIES FOR PRESETTING ANY 10 CHANNEL FREQ., 200 KHZ CRYSTAL CALIBRATOR, 455 KHZ IF WITH TUBES 1/3V4,3/1R5,3/1L4 & 1/1U5. THE OUTPUT OF THE REC. IS FEED INTO A HEAVY DUTY 4" SPEAKER THAT IS PART OF THE PP-308 POWER SUPPLY AND TO OUTPUT PHONE JACKS ON THE REC.

PP-308 POWER SUPPLY FURNISHES ALL THE VOLTAGE REQUIRED WHEN ANY OF THE POWER SOURCES ARE APPLIED AS STATED ABOVE AND IT ALSO CONTAINS THE SPEAKER. BOTH UNITS ARE MOUNTED IN A TWO COMPARTMENT CABINET THAT IS SHOCKMOUNTED.

PP-308 IS SUPPLIED WITH TUBES 2/6AG7,1/1007 & 1/0B2.

SIZE: 13 1/2 x 8 1/2 x 12 1/2; WT: SHPG. 75 LBS. ACTUAL 62

PRICE: USED, REPAIRABLE \$49.50 CHECKED, \$59.50

POWER INPUT PLUG ONLY \$2.50; FIVE (5) FT AC LINE CORD 50¢; 15 FT. DC CORD \$1

MANUAL FOR AN/GRR-5 \$7.50



R-257 RECEIVER 25 TO 50 MC FM SAME AS R-394 RECEIVER ONLY DIFFERENT FREQUENCY RANGE. USES ALL THE SAME ACCESSORIES POWER SUPPLIES, TUBES ETC. SAME SIZE AND WEIGHT.

USED \$14.95



VIBRATOR TYPE POWER SUPPLIES FOR USE WITH R-394 & R-257 RECEIVERS. THE OUTPUT OF THE SUPPLIES ARE THE SAME AND ARE

155 VOLTS DC @ 15 MA.
150 " " @ 5 "
140 " " @ 50 "
140 " " @ .5 "
6.3 " " @ .45 AMPS.
6.3 " " @ 1.0 "
1.4 " " @ 1.25 "

PP-867/U 24 VOLTS DC @ 1.1 AMPS USED \$4.95

PP-868/U 12 " " @ 2.0 " " 9.95

PP-869/U 6 " " @ 3.7 " " 6.95

PP-846/U 115/230 v 60 CYC 2 AMPS " 18.95

PP-544 115/230v. 60 CYCLE AC POWER SUPPLY FOR T-417, T-208 AND T-278 TRANSMITTERS.

WRITE AS TO AVAILABILITY AND PRICE

C-844/U CONTROL UNIT FOR OPERATION OF RADIO SET FROM REMOTE POINT. USED \$14.95



CY-938 ELECTRICAL EQUIPMENT CABINET; USED TO HOUSE RECEIVERS R-394 OR R-257, TRANSMITTERS T-208 OR T-278 AND POWER SUPPLIES DY-93 OR DY-98 OR DY-100 FOR THE TRANSMITTERS.

SIZE: 17 1/2 x 11 1/2 x 25; WT: 33 LBS.

PRICES: USED \$7.95



T-208/U TRANSMITTER F.M. 25 TO 50 MC 25 WATTS. SINGLE CHANNEL CRYSTAL CONTROL, 15 KC DEVIATION, VOICE ONLY TRANSMISSION. CRYSTAL UNIT CR-27/U, FREQ. RANGE 1,562.5 TO 3125 KC. X 16 FOR ALL FREQUENCIES. 100 MV CARBON MIC. WITH TUBES 3/2E24,1/3B4,2/5672 4/5678 & 3/1AD4.

VOLTAGES REQUIRED ARE AS SHOWN WITH DYNAMOTORS DY-93/12 V, DY-98/24 V, DY-100/6 V.

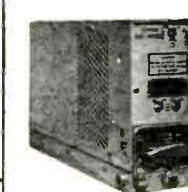
SIZE: 8 1/2 x 4 1/2 x 14 1/2; WT: 11 LBS. USED \$18.95



C-847 RADIO CONTROL BOX; USED TO CONTROL THE SYSTEM, HAS HEAVY ALNICO MAGNET 4" SPEAKER FOR MONITORING REC. CONTROLS FOR SQUELCH, VOLUME ON/OFF SW. PILOT LIGHTS AND RECEPTACLE FOR H-33 HANDSET WHICH HAS UG-77

SIZE: 9 1/2 x 5 1/2 x 3 1/2; WT: 6 LBS. USED \$8.95

H-33/PT HANDSET WITH CORD & UG-77 " 5.95



T-278/U TRANSMITTER F.M. 152 TO 174 MC APPROX. 30 WATTS, CRYSTAL CONTROL ON ANY TWO (2) PRESET FREQ. PHASE SHIFT MODULATION 15 KC DEVIATION, CR-27/U CRYSTAL UNIT FREQ. RANGE 4750-5437.5 KC. MULTIPLIED 32 TIMES. WITH TUBES 2/3B4,3/2E24,4/5678,2/5672 AND 2/1AD4.

VOLTAGES REQUIRED AS SHOWN WITH DY-93 DYNAMOTOR ELSEWHERE ON THIS PAGE. USED \$18.95

SIZE: 8 1/2 x 4 1/2 x 14 1/2; WT: 12 LBS. UNUSED \$24.95

T-278 TRANS. LESS TUBES AND CRYSTAL OVEN \$6



CHASSIS CONNECTORS TO FIT R-394, R-257, T-416 T-278, T-208 & SUPPLIES

TRANSMITTER PLUG P-401 CHASSIS CONNECTOR NO'S J-801, CANNON# DPD-A32C2-33S-2L \$2.50

RECEIVER PLUG R-252; CHASSIS CONNECTOR NO'S J-803, CANNON# DPD-A31C1-33S-2L \$2.50

POWER SUPPLY PLUG P-1203; CHASSIS CONNECTOR NO'S J-802, CANNON# DPD-30-33S-22 \$2.50

UG-77 PLUG ON 4 1/2 FOOT CORD.....\$1.00

H-33/PT HANDSET ON 4 1/2' CORD WITH UG-77 U 5.95



DY-93 DYNAMOTOR POWER SUPPLY

INPUT: 12 VDC @ 20 AMPS.

OUTPUT: 380 VDC @ 180 MA.

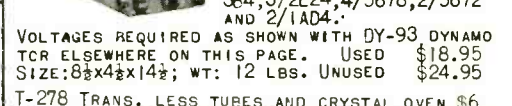
225 VDC @ 45 MA.

-25 VDC @ 5 MA.

USED WITH T-208 & T-278 TRANS.

SIZE: 8 1/2 x 7 x 14; WT: 27 LBS.

PRICE: USED \$9.95



CX-2371 CABLE ASSEMBLY USED FOR CONNECTING R-394-257 REC., T-208-278, 416, 417 TRANS. TO THE VARIOUS CABINETS SO THE UNITS CAN BE SERVICED OUTSIDE THE CABINETS.

LENGTH 7 FT. 3 LBS. \$10.00

CX-2341 CABLE FOR CONNECTING CONTROL BOX TO CABINET. NO PLUGS ON CABLE. 5 FOOT LENGTH \$5. MAXIMUM LENGTH 15'

RF MONITOR

ID-642/FSA RADIC FREQUENCY MONITOR, USES DIRECTIONAL COUPLER WITH IN-21B DIODE TO MONITOR RF VOLTAGE LEVEL. DC VOLTAGE IS APPLIED TO TRIGGER A 24 VDC RELAY (6.5 MA 4PST) OVER A POWER SCALE OF 25-200. UNIT WAS PROBABLY CALIBRATED INTO A STANDARD LOAD. REQUIRES HN CONNECTORS. WITH TUBES: 2/0A2, 5751, 5670 6X4, AND TJ791K10 CURRENT REGULATOR. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 11 x 19 x 10 1/2; SHPG. WT: 20 LBS. UNUSED, W/SCHEMATIC, \$12.95

TRANSMITTER RECEIVER

RT-53/TRC-7 RECEIVER-TRANSMITTER; 100-156 MHZ, A.M. VOICE, 1.5 W CRYSTAL CONTROL ON 2 PRESELECTED CHANNELS, 1 1/2" METER, PHONE, MIC. & MONITORING JACKS, VOL. CONTROL ETC. WITH TUBES 3/1A5, 3/1L4, 1/1S5, 5/3A5, 1/1L43, 1/3C4 & 2/3A4, VOLTAGES REQUIRED 90 VDC, 60 VDC & 4 1/2 VDC. SIZE: 11 1/2 x 5 1/2 x 13 1/2; 15 LBS. USED \$24.95



PP-638/U POWER SUPPLY USED WITH AM-494 & AM-495 POWER AMPLIFIERS. INPUT 115/230 VOLTS 50/60 CYCLE, OUTPUT 1100 VDC @ 320 MA, 230 VDC @ 60 MA AND 6.3 VAC @ 5.2 A. 2 1/2" RUGGEDIZED METERS 50 MADC 500 MADC AND 1.5 KVDC ALSO BLOWER FOR COOLING. UPPER COMPARTMENT SIZE 15W X 9 1/2 H X 8 1/2 D.

SIZE: 31 1/2 x 20 1/2 x 24 1/2; WT: 150 LBS.

PRICE: RE-NEW \$100.00

BC-604 F.M. TRANSMITTER 30 W. FREQ. RANGE 20-27.9 MHZ. 10 PRE-SET CRYSTAL CONTROL CHANNELS ARE POSSIBLE WITH THE PROPER CRYSTALS. WITH TUBES 4/1619 & 1/1624. VOLTAGE REQ. 12 OR 24 VDC & 625VDC @ 225MA. SIZE: 18 1/2 x 11 1/2 x 10 1/2; 60 LBS. PRICE: UNUSED W/SPARE TUBES \$25

GLIDE PATH RECEIVERS, 26 VDC, USED.

R-89/ARN-5, 335 MHZ, \$9.95

R-430/ARN-5C, 335 MHZ, \$12.95

R-122/ARN-12, FIXED-75 MHZ, \$9.95

R-322/ARN-18, 329.3-335 MHZ, REQUIRES CONTROL BOX, 115 V 400 HZ, \$24.95

R-445/ARN-30, 108-135 MHZ, REQUIRES CONTROL BOX F/CONTROL TUNE, \$19.95

AN/ARR-46 TRANSISTORIZED FM RECEIVER, 24.0-51.9 MHZ DIGITALLY TUNED IN 100 KHZ STEPS, 26 VDC, \$75.00

BENDIX TA-188B TRANSMITTER, 118-135.9 MHZ AM, TWO 8298'S, 26 V. 17 AMPS, REQUIRES CONTROL BOX, USED, \$59.50



AN/TRC-34 RADIO SET 152 TO 172 MHZ, FM 50 WATT OUTPUT, DUAL FREQ. SELECT ION ON ANY TWO PRESET CRYSTAL CONT. FREQ., TWO WAY COMMUNICATION OR RADIO RELAY USE.

THE SET CONSISTS OF T-416 TRANSMITTER THAT IS THE SAME AS T-278 EXCEPT IT USES A 5894 TUBE IN THE FINAL, R-394 REC., C-844 RELAY CONTROL BOX, PP-804 & PP-846 115/230 v 60 CYC POWER SUPPLIES AND CY-1221 CABINET, THAT HAS THE CONTROLS FOR LOCAL USE.

SIZE: 21 1/2 x 17 x 20 1/2; WT: 150 LBS. PRICE: USED \$100.00

TELEGRAPH-TELEPHONE SIGNAL CONVERTER: CONVERTS 20 CPS RINGING SIGNALS TO 1225/1600 CPS RINGING SIGNALS AND CONVERTS 1225/1600 CPS RINGING TO 20 CPS RINGING. POWER REQ: 115V 60HZ. W/2EA. 12AU7, 12AX7, 6AL5, 6X4 SIZE: 11 x 7 1/2 x 10 1/2; 18 LBS. TA-182 USED \$25.00

RECEIVER POWER SUPPLIES AND SPEAKER FOR THE FOLLOWING:
 R-23/ARC-5 BC-453 BC-342
 R-24/ARC-5 BC-454 BC-344
 R-25/ARC-5 BC-455 BC-348
 R-26/ARC-5 BC-946 BC-429
 R-27/ARC-5 R-108, 109, 110

COMPLETE WITH DYNAMIC SPEAKER HOUSED IN A METAL CABINET WITH CONNECTING CABLE, PLUG, PHONE JACK, VOLUME CONTROL, BFO SWITCH, ETC. IF APPLICABLE. CAN ALSO BE USED FOR OTHER SETS. OUTPUT: 200/250 VDC @ 90/60 MA AND 24 VAC @ 2 AMPS. INPUT: 115 VAC 60 HZ.

PLEASE SPECIFY THE TYPE SET. DIMENSIONS AND PARTS OF THE POWER SUPPLIES MAY VARY WITH AVAILABILITY OF MATERIALS. 9 3/4x6 1/2x5 WT: 10 LB

PRICES: KIT OF PARTS \$20.00 WIRED \$23.00

BC-652 RECEIVER POWER SUPPLY WITH SPEAKER SAME AS ABOVE; KIT \$20.00; WIRED \$23.95

BC-603/BC-683 RECEIVER P.S. DESIGNED TO BE PLUG IN-TO THE SAME PLACE AS THE DYNAMOTOR WITH NO CONVERSION TO THE SET THAT WILL EFFECT THE OPERATION FROM THE DYNAMOTOR. ONLY WORK REQUIRED TO ADD ON/OFF SWITCH IN PLACE OF SPAR FUSE HOLDER. TRANSFORMER TYPE USING 5Y3GT TUB

OUTPUT 220 VDC, 80 MA., & 24 VDC 2 A. WT: 5LBS.

PRICES: KIT OF PARTS \$15.00 WIRED \$20.00

PE-110 POWER SUPPLY FOR BC-669 TRANSMITTER-RECEIVER. INPUT 115 VOLT 60 CYC. OUTPUT 520 VDC @ 420 MA. A 12 VDC VIBRATOR TYPE POWER PACK WITH AN OUT PUT OF 275 VDC @ 64 MA THAT PLUGS INTO THE CHASSIS SERVES AS A RECEIVER STANDBY. INCLD. FOUR 5Z3 TUBES, RESET CIRCUIT BREAKERS, A.C. OUTLETS, AND SUFFIX LETTER, TUBE COMPLEMENT AND SIZE MAY VARY. 20x9x12; 75 LBS. USED REPARABLE \$25

PP-484/FGC-5 VOLTAGE REGULATED POWER SUPPLY OPERATES FROM 115/230 VOLT 50/60 CYCLE 1 RH. OUTPUT 115 VDC 100MA, 225VDC 550 MA.; 4/6.3 VAC 12 AMP. -6.3V BIA. WESTON 301 METERS 3 1/2" 0-10 VAC; 0-200 VDC & 0-500 VDC; W/ TUBES 2/3B28, 2/2050, 2/12AU7, 6Y6 & 5U4. ALSO 2 AC OUTLETS ON FRONT PANEL. 19x11 1/2x20; WT: 150 LBS. USED \$29.95

GILBERT AMERICAN FLYER TOY TRANSFORMER, INPUT: 120 VAC 60 HZ. OUTPUT: 7 TO 18 VOLTS AC. CONTROL READS 0 TO 120 MPH. WITH AC CORD AND OUTPUT BINDING POSTS. SIZE: 3 1/2x5x3 WT: 6 LBS. GILBERT #22034 USED, \$3.95

FGC-29/1660 POWER SUPPLY INPUT 115/230 VOLT 50/60 HZ OUTPUT: 225 VDC 100 MA. 6.3 VCT 4A. 6.3 V 1.5 A. INCL. FIL. 2/2D21 TUBES 1 1/2x5 1/2x4 1/2; 23 LBS. REM \$15

FGC-29/1640 POER SUPPLY: INPUT, 115/230 V. 50/60 HZ. OUTPUT, 40 VDC 30MA OR 35VDC 40MA 6.3V 1.4A INCL. FILAMENT 6x4. 5 1/2x3 1/2x4 1/2; 8 LBS. REMOVED \$10

TRANSISTORIZED POWER SUPPLY INPUT 115 VOLT 60 CYCLE, OUTPUT 200 VDC 300 MA. SIZE: 5x4x5; 15 LBS. 5820-805-3930 NEW \$22.95

ASI DC POWER SUPPLY, PROVIDES 4.5, 6, 9, OR 12 VDC 150 MA. REQUIRES 115 VAC 60 HZ. 5 1/2x2 1/2x1 1/2; SHPG. WT: 3 LBS. \$8.95

VERY HIGH VOLTAGE

DC POWER SUPPLY WITH 107-125 VAC 60 HZ PRIMARY. TWO OUTPUTS: -5.4 TO 5.75 Kv. @ 140 TO 300 U-A. ONE OUTPUT: -5.1 TO 5.3 Kv. @ 100 TO 270 U-A. SIZE: 12 1/2x2 1/2x4 1/2 WT: 10 LBS. GE#9763Y2029G6, USED, \$10.95

DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE CORD, PILOT LIGHT, LINE FUSE ETC. INDICATED RATINGS ARE FOR LOAD CONDITIONS.

OUTPUT 12 VOLT D.C. 2 AMPS. SIZE: APPROX. 5x10x2; WT: 10 LBS. STK.# 12VDC2A. PRICES: COMPLETE WIRED \$14.95 KIT OF PARTS 10.00

OUTPUT 24 VOLT D.C. 2 AMPS. APPROX. SIZE: 5x10x2; WT: 12 LB. STK.# 24VDC2A. PRICES: COMPLETE WIRED \$19.95 KIT OF PARTS \$14.00

OUTPUT 12 VOLT D.C. 4 AMPS. APPROX. SIZE: 5x10x2; WT: 12 LB. STK.# 12VDC4A. PRICES: COMPLETE WIRED \$18.95 KIT OF PARTS 13.00

OUTPUT 24 VOLT D.C. 4 AMPS. APPROX. SIZE: 5x10x2; WT: 14 LB STK.# 24VDC4A PRICES: COMPLETE WIRED \$22.95 KIT OF PARTS 18.00

LENKURT MODEL 5047A POWER SUPPLY, INPUT: 115 VAC 60 HZ. OUTPUT: 24 VCT. 10 AMPS AC AND 160V. 150 MA DC. CONSTRUCTED ON AN ALL-ALUMINUM CHASSIS WITH VENTILATED ALUMINUM COVER WITH FLIP-LOCKS. (NOT SHOWN) SIZE: 19 1/2x7 1/2x10 1/2 WT: 45 LBS. \$19.95

MOBILE SUPPLY

AVA-126 VIBRATOR POWER SUPPLY; OUTPUT 300 VDC 100 MA. OPERATES FROM 6, 12 OR 24 VOLTS D.C WHEN THE PROPER VIBRATOR IS USED, OCTAL BASE. SUPPLIED WITH 6 VOLT VIBRATOR (USED WITH AVT-112 AIRCRAFT TRANS) ILLUST. COVER REMOVED. UNUSED SIZE: 7 1/2x7 1/2x7 1/2; WT: 12LBS. \$4.95

HAND CRANK GENERATOR AS USED IN GIBSON GIRL RESCUE TRANSMITTERS OUTPUT 28 VDC @ 175 MA & 300 VDC @ 30 MA. WHEN CRANKED AT 60 RPM GEAR RATIO APPROX. 72 TO 1. NO LEGS SEAT OR MOUNTING. #GEN/CRT-3 RE-MOVED \$10.00

RA-87 RECTIFIER; FOR USE WITH TELETYPE EQUIPMENT. CONVERTS 95 TO 125 VOLT OR 190 TO 250 VOLTS 50-60 CYC TO 115 VDC 400 MA AND 115 VAC 4.35 A. WHEN USED WITH RF-NEW \$12.95 190 TO 250 VAC INPUT. SIZE: 14 1/2x7 1/2x8; 45 LBS. PRICE: USED \$16.95

SCOPE POWER SUPPLY

HFE CRT POWER SUPPLY; HAS 6.5 KV LOW CURRENT OUTPUT WHEN USED WITH 10 VDC 1.75 AMPS DC-TO-DC INPUT CONVERTER. WILL PRODUCE 7.5 KV FROM 12 VDC INPUT. OTHER LOW CURRENT OUTPUTS OF -2500 AND -1500 VDC. TRANSISTORIZED WITH COVER AND CONNECTORS. 11x6x5 1/2, 10 LBS. USED, ETC., \$15.95

HFE LOW VOLTAGE POWER SUPPLY; OUTPUT: 10 VDC 1.75 AMPS, ADJUSTABLE -1 V. INPUT: 115 VAC 60 HZ. TRANSISTORIZED WITH FUSE AND CONNECTOR. 10 1/2x6 1/2x4; 12 LBS. REMOVED F/EQUIP., \$7.95

HFE CRT AND LV POWER SUPPLIES AS SET, \$20.00

BREAKER 12.5 VDC 2.5 AMP POWER SUPPLY; 4 AMP SURGE, 4 AMP CIRCUIT BREAKER, 4-5/8x2 1/2x6 1/2; SHPG. WT: 6 LBS. #13-110, NEW, \$20.

MULTIVOLTAGE POWER SUPPLY; HAS REGULATED OUTPUTS: +12 VDC 500 MA, -12 VDC 500 MA, AND 24 VDC 1 AMP. ALSO 7 VDC 10 AMP UNREGULATED, INTERMITTENT. REG. VOLTAGES ADJUSTABLE OVER SMALL RANGE. INPUT: 115 VAC 60 HZ; 9x5x6, 13 LBS. #LR32605, \$25.

EXOTIC X-RAY TUBES

OBSELETE, BUT UNUSUAL VACUUM TUBES FOR THE EXPERIMENTER OR COLLECTOR. APPEAR TO BE UNUSED OR LITTLE USED, BUT NOT GUARANTEED OPERATIONAL. NO FURTHER DATA AVAIL. EUREKA #EV-10-140; VALVE RECTIFIER TUBE, 140 KVP 30 MA MAX. FROM 12.5 V 12 AMP FILAMENT. CHROME BASE AND TOP. 22 1/2x4 1/2" DIA. 6 LBS. \$15.00 MATCHLETT #ML-500, 15 1/2xLX5" DIA. 6 LBS., \$12. WESTINGHOUSE CL-2 TUBE WITHIN-A-TUBE, 90 WATT 5.5 AMPS. 12 1/2xLX2" DIA., 4 LBS SH., \$7.50

MAGNETRONS MAGNETRON TUBES LESS EXTERNAL MAGNETICS. USED, \$30 EA. SPECIFY:

2J26 (2992-3019 MHZ); 2J28 (2939-2965 MHZ); 2J29 (2914-2939 MHZ); 2J39 (3267-3333 MHZ); 2J61 (2992-3100 MHZ); 2J62 (2914-3019 MHZ); 725A (USED IN APS-4 RADAR).

POWER AMPLIFIER TUBES IN USED AND/OR UNUSED CONDITION. 4X150'S, 4CX250'S, ETC. WRITE

500 MHZ TRANSMITTING TUBE 8012-A TRIODE

DIRECT WIRE FILAMENT: 6.3 V. 1.92 AMPS. MAX. PLATE: 1000 V. 80 MA. 40 W. CAP: G-F 2.7; P-F 0.4; G-P 2.5 MU 18; GRID CURRENT 20 MA

CLASS "C" TELEGRAPHY 35 W W/DATA, UNUSED, TELEPHONY 20W \$2.00 EA. 4 FOR \$6.

OTHER SPECIAL TUBES: 213A (\$10); 215A (\$15); 218 (\$20); 701A (\$5); 705A (\$5); 706A (\$30).

BALLASTS BALLAST TUBES AND THERMAL RELAYS, \$1.50 EACH.

1T710 3-148 3-16 4-25 6-4 6A15 7H-4B 9H4 10T1 TJ801K1 3HF4 BALLAST TUBE, REPLACES 3T7 USED IN R-389, -390, -390A, -391 RECEIVERS. UNUSED, \$4. MANY OTHERS AVAILABLE. WRITE US YOUR NEEDS.

PP-308/URR POWER SUPPLY; OUTPUT VOLTAGES OF 90 VDC, 1.4 VDC, AND -4.2 VDC. A PORTABLE UNIT WHICH CAN OPERATE FROM 115V. 60 CYCLE LINE OR FROM 6, 12 OR 24 VOLT VEHICULAR BATTERY; WITH FUSE HOLDERS, POWER-SELECTOR SWITCH, POWER ON-OFF SW, SPEAKER ON-OFF SW, AND SPEAKER FOR A RECEIVER*. TAKES 4 COND. FEMALE CONNECTOR (NOT AVAILABLE). WITH TUBES 2/6AG7 AND OB2. SIZE: 5 1/2x8x12 WT: 30 LBS. PRICE: UNUSED, \$24.95; USED, \$14.95

PE-157 POWER SUPPLY; HAND CARRING TYPE WITH LEATHER HANDLE. HAS COMPARTMENT FOR INSTALLING BB-54 2 VOLT WET CELL WHICH IS POWER SOURCE FOR OPERATING THE VIBRATOR SUPPLY THAT HAS A OUTPUT OF 1.5 VDC @ .490 AMPS. AND 135 VDC @ 50 MA. (APPROX. V/A) ALSO HAS SPACE FOR MTG. 4" SPEAKER. SIZE: 6 1/2x12x6; WT: 19 LBS. PRICE: USED LESS SPEAKER & BATTERY \$14.95 BB-54 BATTERY 2 VOLT NEW \$ 2.95

REGULATED 48V 5A

REGULATED SOLID STATE POWER SUPPLY; OUTPUT: 48V. 5 AMPS. INPUT: 115 VAC 60 HZ. TRANSISTOR DEVICES MODEL SPS 828. SIZE: 16 1/2x8 1/2x3 1/2, SHPG. WT: 25 LBS PRICE: UNUSED, \$45.00

AUTO-RACE PACK BY VARNEY

TWO 14 VDC 600 MA. SECONDARIES MAKE THIS IDEAL FOR A SMALL BENCH POWER SUPPLY WITH THE ADDITION OF A REGULATOR AND FILTER. INCLUDES TRANSFORMER COVER, SWITCH, 5 1/2 FT. LINE CORD. 5x3 1/2x2 1/2 WT: 3 LBS. \$2.95

RELAYS



POTTER & BRUMFIELD 24 VDC LATCHING RELAY, 5 A CONTACT TWO INTERLOCKING 3PDT RELAYS CAN BE USED AS 6PDT. #PB-2-3PDT, USED, \$3.95

6PDT 26 V RELAY, 2 AMP 200 OHM, #0823, USED, \$1.50

6PDT 48 V RELAY, 2 AMP 3700 OHM, #MHX-6083, USED, \$1.00

MHX-2032 26.5 VDC 2PDT 325 OHM 2 A. 1 1/2 x 5/8 \$.75

5945-583-8378 26.5 VDC 1 1/2 x 1 1/2 6PDT 225 OHM PLUG-IN \$1.50



AGASTAT TIME DELAY SF-22HS, DPDT 28 VDC COIL, 0.3 SEC. ADJUSTABLE. SIZE 2x3x2 PRICE: NEW \$3.95

WESTERN ELECTRIC POLAR RELAY D163119A (255A) SIZE: 6x2 1/2 x 2 1/2 WT. 4 LBS. PRICE: \$2.50



115 VAC SPDT OCTAL BASE KR-5736 \$1.95

115 VAC DPDT OCTAL BASE KR-5737 \$2.50



4PDT 120 VAC, 3 AMP CONTACTS; 28 VDC 3 A RES. PLUG-IN SOLIDER. 2 1/2 x 1 1/2 x 1 1/2, #KH4695, \$1.50

4PDT 24 VDC, 120 VAC 3 A 24 VDC 3 A RES. CONTACTS. PLUG-IN SOLIDER TYPE

CLARE# OHMS ---CONTACTS--- CURRENT---
 REG. OPEN CLOSED OPERATE RELEASE
 A-102627 3500 4PDT 2PST --- 11 MA 3 MA
 A-211261 5000 SPDT 4PST 2PST 12 MA 4 MA
 C-211261 6000 SPDT 4PST 2PST 10 MA 5 MA
 ALL ABOVE RELAYS SAME SIZE 1 1/2 x 1 1/2 x 1 1/2 \$1.00 EA.

PLATE RELAY COIL 5000 OHM 10% OPR 2.8 MADC DPDT CNTT 2A 28VDC/115VAC, 9 PIN PLUG-IN #93179 \$2.50



LEACH RELAY NO. 9059, 5 AMP. TPDT NORMALLY OPEN, 24-28 VDC. SIZE: 5x2x2 1/2; WT: 4 OZ. \$.75

COLLINS RELAY 4050D17-00 115 AC 320 OHM 3PST 2x2x2 5945-502-9095 NEW \$3.00

ASCO VALVE, AIR ORFICE/PIPE 3/8" 120V 50HZ 6 WATTS. #6030B10 NEW \$5.00

MINIATURE RELAY 24VDC 180OHM DPDT, 7/8x3/8x3/8, GE3SV125 9A2; 5945-739-2162 \$2.00

MINIATURE PLUG-IN, 28VDC, 600 OHM, DPDT 2 AMP, FILTERS 106C 6555-1; #5945-987-8401 \$3.00

OCTAL PLUG-IN IN PLASTIC CASE; 24 VDC COIL, DPDT 10 AMP CONTACTS. 2x1-3/8x1-3/8 REM F/EQUIP. \$2.00 EA 3/5



SENSITIVE RELAY, 6 VDC, ONE POLE MAKE AND BREAK. 600 OHMS. 2 1/2 x 2 1/2 x 1 1/2. #ZA/CANI304 PRICE: \$1.00

SENSITIVE RELAY BX-14 DPST 1 NORM. OPEN 1 NORM CLOSED 48 VDC 1 A. OPERATING VOLT AGE 2.9 V 750 OHMS D.C 2 1/2 x 2 1/2 x 1 1/2; Z27588-23 \$.75

TYPE AS BK35, SPDT 6-12 VDC 1500 OHMS, CONTACT ADJUST.

SMALL RADIOSSONE RELAYS 6V 400 OR 500 OHM SPDT 3 SQ \$1



MERCURY RELAY, DURA KOOL #BEV-106, COIL 24 VDC 1 A. CONTACT 120 D.C 6 A. NORMAL OPEN, 1.3 SEC. OPERATE. SECONDS RELEASE 0, MTG. SIZE 4 1/2 x 2 1/2 6 P.S.T. PRICE: \$1.95

HEDIN RELAY #100-BH S.P.D.T. 5 AMP. CONT. 4 OHM COIL. \$1.50



RELAY, OCTAL PLUG IN TYPE, 115 VOLT 60 CYCLE, O.P.D.T. 20 AMP. CONTACTS. 1 1/2 x 1 1/2 x 2 1/2 #BOHRX-20 \$2.95



AN-ART-13 RELAY K-2701 DPDT; 12 AMP 28 VDC COIL. 115 OHMS RES. 3x2x1 1/2 4oz. PRICE: USED \$1.95

TCS RELAY SAME STYLE AS ABOVE USED IN POWER SUPPLY 12 VOLT D.C RES. 67 OHMS. DPDT- SPST NORM. OPEN



DYNAMOTOR START-TYPE SELENOID TYPE RELAY 12 V DC OPER. 20 AMP DC CONTACTS. SIZE: 3x2x2; 1 LB FRANZ-12 USED \$1

ROWAN CONTACTOR, TWO POLE CONTACTS RATED 15 A 250 VAC, 10/15 A 100/50 VDC. COIL VOLTAGE 100/115 VDC. 3-3/8x2 1/2 x 2 1/2. ROWAN #FE20, USED, \$2.



RELAY 1PDT & 1PST. CONT. 28VDC 1A. MAX. PICK UP .9MA, DROP-OUT 1MA. 16000 OHMS OCTAL BASE. SIG#80110 \$2.95



SPDT, SINGLE BREAK, 28 VDC 1 A. CONT. 800 OHMS DC COIL, 3MA PICK-UP, 1.5 MA HOLD. .75MA. MIN. OCTAL BAS SIG#77912 \$2.95



ADVANCE SEALED RELAY 3 STUD MOUNTING, SOLDER TERMINALS. SIZE: 1 1/2 x 2 1/2 x 1 1/2. 2 oz. PT#420-68-0211; 4PDT, 26.5 VDC, RES. 325 OHMS, 2 AMP. CONT. \$1.50



PT#879-1 26.5 VDC 2 AMP. CONT. 200 OHMS, 3PST NORM. CLOSE, 1PST NORM. OPEN \$1.50



PT#420-68-5530; 26.5 VDC 2 AMP. CONT 425 OHMS, 3PDT SPEC. #8788-1 \$1.25



OVERLOAD RELAY SC-1 .175-.700 DCA#B18-1 .5-2 A.A.C/DC #6943A CHOICE SPECIFY \$5 A.C. VOLTAGE ADJUST. 55-120 60 CYC. WEST.



#76-4; 28 VDC ROTARY RELAY, 2-DECK. TWO SPDT AND ONE BREAK THREE. USED, \$2.00 EA.

#76-3; 28 VDC ROTARY RELAY, 3PST NORMALLY CLOSED. USED, \$1.50 EA.

#78RR; 28 VDC ROTARY RELAY COIL ONLY. VARIOUS NUMBERS, BUT WITHOUT SWITCH OR WITH BROKEN SWITCH WAFERS. USED, \$1.00 EACH.

SOLID-STATE TIME DELAY RELAY; 2 SEC DELAY, 115 VDC INPUT. CONTACTS RATED 5 AMP SPDT. Uses 2N2646 UNIJUNCTION TRANSISTOR. CIRCUIT COMPONENTS CAN BE VARIED TO ADJUST DELAY. OCTAL PLUG-IN. #SSD-7574, \$3.95 EA.



DPDT CERAMIC RELAY, 15 AMP CONTACTS, 115 V 60 HZ COIL. 2 1/2 x 2 1/2 x 1 1/2. LEACH #1177, UNUSED, \$5.00



DPDT CERAMIC RELAY WITH SPST NORMALLY OPEN TO A 115 V CONTACTS, 24 VDC 280 COIL. 2 1/2 x 1 1/2 x 1 1/2; ADV#D-0041, \$4.50



ROWAN CONTACTORS COIL 110V 50/60HZ FULL LOAD RUNNING CURRENT 10 AMP. LOCKED ROTOR CURRENT 60 AMP. 600 V. MAX. 532934 3 POLE USED \$4.95

ROTARY SELENOID RELAY
4 WAFER
6 POLE
5 POSITI
48 VDC
3 1/2 x 1 1/2 x 1 1/2 .5945-710-4536 \$4.

POTTER & BRUMFIELD AC RELAYS, OPEN FRAME, STYLE KA. 3PDT 5 A CONTACTS MOUNTED IN METAL CASE. 2 1/2 x 1-3/8 x 1-3/8.
#5323 24 V 50-60 Hz, \$2.00
#5324 115 V 50-60 Hz, \$2.00

OPEN FRAME, SPDT 5.5-7.5 VAC COIL; CONTACTS RATED 5 A 115 VAC. 1 1/2 x 1 x 1-3/8
#5945-233-1398, \$1.25

ALLIED CONTROL T255X-18, COIL 115 VAC 2580 OHMS. GOLD-PLATED DPDT CONTACTS RATED 5 A 29 VDC. 1/2 x 7/8 x 1-3/8. UNUSED, \$3.00 EA.

4PDT RELAYS, 110 VDC, HEAVY CONTACTS. 2 1/2 x 1 1/2.
#DOX187T, 5000 OHM COIL, \$2.00
#DOX137T, 230 OHM COIL, \$1.50

115 VAC OPEN FRAME RELAY 3PDT 10 AMP. CONTACTS. 1 1/2 x 1 1/2 x 2 1/2. ALLIED LAC-3A
#5945-225-8616 NEW \$4.95

SEALED RELAYS 24 VDC 3 A. CONT. VARIOUS MFG. ROUND, OBLONG OR SQUARE, WIRE OR PLUG-IN. SORRY NO CHOICE.

IPDT	CWS571981	USED	.35
IPDT	#5703-34	"	.40
2PDT	#5709-7H	"	.45
3PDT	#56467	"	.50
4PDT	#54428	"	.55
6PST	#56469	"	.60

SIGMA DC RELAYS: OPEN-FRAME, 2 AMP CONTACTS, 1 1/2 x 2 1/2 x 1 1/2 REMOVED F/EQUIP.
#41F500S-SIL, 6 VDC, \$1.00
#41F1000S-SIL 12 VDC, \$1.50

BK-27A TELETYPE RELAY USED W/BD-100 SWITCHBOARD UNIT HAS 2 RELAYS
W/DUAL COILS 150 OHMS EACH
W/101A CONTACTS THAT CAN BE ADJUSTED FROM INSIDE AND OUTSIDE OF THE BOX FOR EAST WEST TRANS. CONTROL. NEW
SIZE: 6x4x3 1/2; 4 LB. \$3.95

FIVE ASSORTED RELAYS \$1.00

SUCH AS SEALED, OPEN FRAME, TELEPHONE ETC. MAY BE 6, 12, 24 OR 48 VOLTS. \$1.00

DIMMER CONTROL Type A-4 667498
150 OHM 50 WATT
2 1/2 MTG. HOLES,
W/KNOB 2 LBS.
\$2.50
MATCHING PLUG \$1

#BYLZ-2504; DUAL 70 / 80 COOL-HEAT SCALE, \$2.95
#BYLZ-2292; DUAL 300 OHMS, 40-80 SCALE, \$2.95

WESTON SENSITROL RELAYS
MODELS 723 AND 705; 3 1/2" ROUND. USED \$4.95 EACH SPECIFY:

RANGE	MODEL
80% TO 120% VOLTS DC	723
90% TO 110% VDC	723
95% TO 105% VDC	723
110% TO 100% VOLTS AC	705
100% TO 90% VAC	705
9 TO 1.1 MILLIAMPS	723

SILICON RECTIFIER

POWER TESTED AT 1 MA MAX. LEAKAGE

1 AMP (TOP HAT)

50-200 PIV	\$.10
200-400 "	.15
400-600 "	.25
600-800 "	.35
800- "	.45
1000 "	.55

5 AMP (STUD)

200-400 PIV	.50
400-600 "	.60
700 "	1.00
800 "	1.20
1000 "	1.75

INI347 6 AMP. 500 PVI (GOLD) 1.50

35 AMP (STUD)

50 V	1.50
100 V	1.75
200 V	2.10
300 V	2.40
400 V	2.25
500 V	2.50
600 V	3.00
900 V	4.00

RHEOSTATS

RHEOSTAT VALUES: FIRST SET OF NUMBERS AFTER RHEO-PREFIX IS THE WATTAGE. YOU INDICATE DESIRED OHMS IN SECOND SET. SCD= SCREWDRIVER ADJUST.

#RHEO-25W-(OHMS), \$1.00 EA

1	2	5	6	7
10	12	15	25	35
50	55	60	75	100
125	130	165	175	200
250	300	350	400	500
600	1K	1500	2500	3500
5K	20K	35K		

#RHEO-50W-(OHMS), \$1.50 EA

1	1.5	2	5	6
8	8.5	10	12	15
16	17	17.5	20	25
30	35	40	45	50
60	75	80	90	100
124	150	200	220	225
350	500	1K	7K	

#RHEO-75W-(OHMS), \$2.00 EA

10	15	25	75
(30-DUAL, \$3.00)			

#RHEO-100W-(OHMS), \$2.50 EA

3	5	6	7.5
20	100	350	1500
3K 3500-SCD			

#RHEO-150W-(OHMS), \$3.00 EA

2	3	4	5	10	15
16	35	40	410	500	SCD
2500	750	600	25		

#RHEO-300W-(OHMS), \$6.00 EA

2	32	50	500
1500 (13.2-DUAL, \$9.00)			

#RHEO-500W-(OHMS), \$10 EA.

2	80	(72.7-DUAL, \$15)
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#RHEO-750W-(OHMS), \$15 EA.

5	720
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OTHER VALUES AVAIL. WRITE.

RHEOSTAT CONTROL UNIT FOR HEATED CLOTHING; 100 WATT 5.75 OHM RHEOSTAT MOUNTED IN CONTROL BOX WITH INDICATOR KNOB ALSO ON/OFF SWITCH & DUAL LOCKING TYPE SOCKETS FOR INPUT AND CONTROLLED OUTPUT VOLTAGES. SIZE: 5x4x2; WT: 3 LBS. TYPE C-IC UNUSED \$2.95

HIGH CURRENT RECTIFIERS, SOLDER PIGTAIL-TYPE (PIGTAIL AND HARDWARE NOT AVAILABLE). CONSERVATIVELY RATED. NEW.
#50-100A; 50 V 100 AMPS, 5/8x3/8" DIA. THREADS, 1X2 OVERALL, \$2.00
#50-200; 50 V 200 AMPS, 1 1/16" DIA. THREADS, 1 1/2 x 3 OVERALL, \$3.50

CRYSTALS

465 KC CRYSTAL, RESONATOR TYPE FILTER AS USED IN BC-794, BC-1004 ETC. \$1.50

200 KC CRYSTAL IN OCTAL TYPE TUBE HOLDER \$3.50

CRYSTALS: FT-241-243 21-39 MC. F/BC-604-684-620-659 NO CHOICE FREQ. 5 FOR \$1.00

JK-02 CRYSTAL OVEN FOR CR-26 CRYSTALS, OPERATES FROM 6.3-24.2 V. AC/DC, OCTAL BASE.
MOTOROLA #251B1001 FOR ONE CRYSTAL AS USED IN R-394-257 RECEIVERS. \$1.95
MOTOROLA #251B1003 FOR TWO CRYSTALS AS USED IN T-278-208 ETC. TRANSMITTERS \$2.50

CRYSTAL DIODES IN-21 IN-32 \$1.00 EACH 6 FOR \$5.00

FREQUENCY METER CRYSTALS 1000 KC. OCTAL PLUG-IN FOR LM/BC-221/TS-323. WIRING TO SOCKET MAY HAVE TO BE CHANGED. REMOVED \$12

CIRCUIT BREAKER

AIRCRAFT BAT HANDLE TYPE LUMINOUS TIP 24 TO 30 VDC

STK#	AMPS.	PRICE
8751K4	10	.50
AN-3160	15	.75
AN-3160	20	.75

AIRCRAFT PUSH BUTTON Type 24 to 30 vdc

AN-3161	5	.75
AN-3161	10	.75
AN-3161	15	.75
PM-40	40	.75
AN-3161	50	.75

HEINEMAN MODEL AM12HK CIRCUIT BREAKERS, 2 1/2 x 2 1/2.

12 VDC 4 AMPS,	\$1.25
50 VDC 3 AMPS,	1.25
50 VDC 5 AMPS,	1.35
50 VDC 40 AMPS,	1.50
115 VAC 60 HZ, 1.5 A, 1.00	

#AM12RSK, 115 V 20 A, 1.00

HEINEMAN #JA2-A8-A, 240 VAC HOLD 17 A, TRIP 2 1/2 A, \$2.

115 VAC 60 HZ; 3 1/2 x 2 1/2.

#3H900-1-25, 1 1/2 AMP, \$1.00
#3H900-3-2, 3 AMPS, 1.00
#3H900-4-5, DPST, 4 AMPS; 5 1/2 x 3 1/2, USED, \$1.95.

SQUARE "D" CIRCUIT BREAKER TYPE MO-4 "PLUG-IN"

OR CAN BE MODIFIED FOR DIRECT WIRING. FOUR (4) 20 A. CIRCUITS 115 VOLT 60 CYCLE SIZE: 4 1/2 x 2 1/2; WT: 8 OZ. CAT# M0482222 PRICE: \$1.95

BOOKS & TECH MANUALS

\$3.00 EACH

BC-191	BC-375	PP-867,-868	-869	PP-281,-282	-494	PP-846
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\$5.00 EACH

BC-312,-342	BC-603,-604	BC-652,-653	BC-683,-684	BC-659	BC-1000	BC-1335	PP-804	PP-109,-112	PRS-3	1-49	1-72G-K	1-129B	1-208	BC-221-AH
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\$7.50 EACH

BC-669/ REPRO	PP-638	T-14/R-19	TS-175 REPRO	TS-352 REPRO
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BC-779,-1004 REPRO, \$10.
TCS-12 RE-PRO, \$12.00
BC-624,-625; PART OF SCR-522/542, REPRO, \$12.00

EE-94 & 95 CONTAINS TG-34 RD-60-V0-3-BD-114 ETC \$7.50

FGC-20 & 21 CONTAINS TT-98 TT-99-TT-100 & PP-978 \$10

MOTOROLA FST-250, FMR-13, FMT-25A, P-8028, FMT-30 \$7.50

AN/GRC 10, 39, 40 COVERS REC. R-125, T-235, C-632 ETC \$8.50

SP-600-JX REPRO/W.S. \$10
R-388 (51J4) REPRO/W.S. \$10
R-220/UHR-29 I.B./W.S. \$10
BC-348-R OR Q REPRO/W.S. \$10
CV-157/UHR REPRO/W.S. \$12
AN/USM-105 I.B./W.S. \$17
AN/USM-140 I.B./W.S. \$17
AN/TM-1 REPRO/W.S. \$10
TS-510/USM-44 REPRO/W.S. \$10
TV-2 REPRO/W.S. 8.50
TV-7 I.B./W.S. 7.50
ME-26 I.B./W.S. 8.50
FR-5/URM-80 I.B./W.S. 8.50
TS-148/UPM-33 I.B./WS 8.50

ARRL BOOKS

RADIO AMATEUR'S HANDBOOK, 1978 EDITION, \$8.50
THE LICENSE MANUAL, 3.00
THE ANTENNA MANUAL, 5.00
RADIO AMATEUR'S OPERATING GUIDE, 4.00*
COURSE IN RADIO FUNDAMENTALS, 4.00
UNDERSTANDING AMATEUR RADIO, 5.00*
ELECTRONIC DATA BOOK, 4.00
SPECIAL COMM. TECH., 4.00*
V.H.F. MANUAL, 4.00
S.S.B. MANUAL, 4.00
FM & REPEATERS, 4.00
HINTS & KINKS, 4.00*
GETTING TO KNOW OSCAR, 3.00
L/C/F CALCULATOR, 3.00
*PAST EDITIONS AVAIL. WRITE

TEXAS INSTRUMENTS

TI SOLID-STATE COMPONENTS DATA BOOKS; 10x7, SOFTBOUND.

THE MOS MEMORY DATA BOOK (1978), 200+ PP., \$2.50
BIPOLAR MICROCOMPUTER COMPONENTS (1977), 239 PP., \$2.95
INTERFACE CIRCUITS DATA BOOK (1977), 592 PP., \$4.75
THE TTL DATA BOOK, 2ND ED.; w/SCHOTTKY, 832 PP., \$4.95
TRANSISTOR AND DIODE DATA BOOK (1973), 1248 PP., \$8.50
POWER SEMICONDUCTOR DATA BOOK (1972), 816 PP., \$7.50
LINEAR CONTROL CIRCUITS DATA BOOK (1976), 368 PP., \$2.95
THE OPTOELECTRONICS DATA BOOK (1976); 368 PP., \$2.95
THE SEMICONDUCTOR MEMORY BOOK (1975), 272 PP., \$2.95
UNDERSTANDING SOLID-STATE ELECTRONICS (1972) BY TI; 12 LESSON, SELF-TEACHING COURSE. 250 PP. 168 ILLUS. \$2.95
INTEL 1976 DATA CATALOG; INFO AND PINOUTS ON 4004, 8080A, RAM'S, ROM'S, ETC. 618 PP., \$3.00

MAGAZINES WE CARRY MONTHLY ISSUES OF THESE MAGAZINES: 73 (\$2), QST (\$2), CQ (\$1.50), HAM RADIO (\$2), HAM RADIO HORIZONS (\$1), BYTE (\$2), AND KILOBAUD (\$2).

ABBREVIATIONS: I.B.=INSTRUCTION BOOK; H.M.I.=MAINTENANCE INSTRUCT.; O.I.=OPERATING ONLY; REPRO=REPRODUCTION INCLDG. THE ABOVE; W.S.=WITH SCHEMATIC; N.S.=NO SCHEMATIC

AHC-27,	-55 O.I./N.S.	\$3.00
ARC-60	I.B./W.S.	8.50
ARN-12	I.B./W.S.	5.00
ARN-59	O.I./N.S.	3.00
ART-13	TRANSMITTER REPRODUCTION ONLY, OPERATING SCHEMATICS, MAINTEN.	\$10
AN/GRC 3-8, VRC-13-15, VRC 16-18	COVER ALL OF THE SAME TYPE EQUIPMENT I.B./WS	\$8.50
GRC-9	I.B./W.S.	8.50
GRC-19	I.B./W.S.	8.50
GRC-26	I.B./W.S.	8.50
GRR-5	I.B./W.S.	7.50
PRC-6	I.B./W.S.	7.50
PRC-9A-10A	I.B./W.S.	7.50
VRC-19	I.B./W.S.	8.50
w/R-394/T-278/DY-93	98-100/PP-867-8-9	
RT-67-68-69	I.B./W.S.	\$5.00
RT-70	I.B./W.S.	5.00
R-108-109-110	"	7.50
R-274	REPRO/W.S.	10.00
R-390A	I.B./W.S.	12.00
R-392	I.B./W.S.	10.00
R-394	I.B./W.S.	7.50
R-140 (HRO)	I.B./W.S.	7.50
R-257	I.B./W.S.	7.50
T-278	I.B./W.S.	7.50
T-368	I.B./W.S.	8.50
T-208-417	I.B./W.S.	8.50
DY-93-98-100	"	3.00
ARC TYPE 12 RADIO SET		8.50
COVERS R-10-11-15-19		
T-11-13 & ACCESSORIES		
SIMILAR R-508-509-R-22		
AND OTHERS. H.M.I./W.S.		
CV-431/R-508 ARC-60		8.50

SCHEMATICS

REPRODUCTIONS OF SCHEMATICS \$1.50 AND UP. WRITE F/QUOTE

CQ SURPLUS CONVERSION HANDBOOK INCLDG. COMMAND SETS; ALSO ART-13, BC-348. \$4.50

U.S. ARMOH COMMUNICATIONS ELECTRONICS DATA (BOOK), JULY 1973; DESCRIPTIONS OF VARIOUS EQUIPMENT. \$3.00

THE LOW & MEDIUM FREQUENCY RADIO SCRAPBOOK BY W1MB, \$6.95; ADDENDUM 77/8, \$3.95

RTTY FROM A TO Z, \$5.00
NEW RTTY HANDBOOK. 3.95

73 IC TEST EQUIPMENT-\$4.95
ARRL SOLID-STATE DESIGN, \$7
ARRL LEARNING TO WORK WITH INTEGRATED CIRCUITS, \$2.00

ART-13 TRANSMITTER



T-47/ART-13 TRANSMITTER; THIS WELL-KNOWN UNIT HAS AN UPPER FREQUENCY RANGE FROM 2000 TO 18,000 KHZ. TRANSMISSION AT LOWER FREQUENCIES FROM 200 KHZ POSSIBLE WHEN THE PROPER OSCILLATOR AND LOADING COIL ARE USED (PRICED SEPARATELY BELOW). AUTO- OR MANUALLY TUNED. TRANSMITS CW, MCW, AND AM VOICE; 90 WATTS POWER OUTPUT. CONVERSION INFO IN Q SURPLUS CONVERSION HANDBOOK. WITH TUBES: 2/811, 813, 837, 2/1625, 12SJ7, 12SA7, 2/12SL7, AND 2/6V6. POWER REQUIRED: 28 VDC 10 AMP; 400 VDC 225 MA, AND 1250 VDC 250 MA. 23x16x11 1/2; WT: 70 LBS. USED, \$49.50

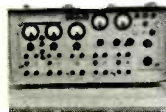
28 VDC DYNAMOTOR FOR ART-13, USED, \$14.95
CONNECTOR PLUGS FOR ART-13: U-7 AND U-8 FOR XMITTER; U-9 AND U-10 F/DYNAMOTOR, \$2.50 EA.
O-16/ART-13 LOW FREQUENCY OSCILLATOR, 200 TO 500 KHZ OR 600 TO 1500 KHZ, USED, \$17.95
O-17/ART-13 OSCILLATOR, 200 TO 600 KHZ, \$12.95

CDA-T CRYSTAL OSCILLATOR F/ART-13B; CRYSTAL-CONTROL FOUR CHANNELS OVER 300-500 KHZ. FITS IN SET. USED, \$9.95. CONNECTORS (2), \$1 EA.
HIGH FREQUENCY OSCILLATOR F/ART-13, VARIABLE OVER 1000-1510 KHZ; LESS 837 TUBE. USED, \$6.
AUDIO SPEECH AMP F/ART-13, #2C254, USED, \$6.
SA-22/ART-13 ANTENNA SWITCHING UNIT; W/BENDIX LM-26G VACUUM RELAY. 10 LBS. UNUSED, \$6.
C-87/ART-13 PILOT'S CONTROL BOX, UNUSED, \$3.

TMC COMPONENTS



TECHNICAL MATERIEL CORPORATION COMMUNICATION GROUPS COMPONENTS INCLUDING RF OSCILLATORS, RF AMPLIFIERS, MASTER OSCILLATORS, EXCITERS, POWER SUPPLIES, FSK AND SWR INDICATORS, AND CABINETS. MOST UNITS HAVE PARTS MISSING, THOUGH SOME ARE COMPLETE. SEND SASE FOR MORE INFO.



PP-351/U POWER SUPPLY; PORTABLE POWER UNIT PROVIDING REGULATED DC POWER FOR TESTING COMMUNICATION EQUIP. AN/PRC-6, 8, 9 & 10; SCR-510 & 610; AND RECEIVER-TRANSMITTER BC-1000.
INPUT: 115/230V. 2.6/1.3 AMPS, 50/60 CYCLES
OUTPUT, A₁: .9 TO 1.8 VDC @ 0 TO 1.5 AMPS
A₂: .9 TO 1.8 VDC @ 0 TO 1 AMP
AND 2.5 TO 8.6 VDC @ 0 TO 1 AMP.
B₁ & B₂: 22.5 TO 150 VDC @ 0 TO 100 MA.
C₂: 0 TO 22.5 VDC @ 0 TO 1 MA.
INCLD. INPUT CABLE AND OUTPUT CABLES FOR PRC-6; PRC-8, 9, 10; SCR-510, 610; AND BC-1000
SIZE: 25x11x14 1/2; WT: 150 LBS. USED \$49.50

TRC-29 MICROWAVE TRANSMITTER-RECEIVER



AN/TRC-29 RADIO RELAY SET. INCLUDES T-303A TRANSMITTER AND R-418A RECEIVER IN THE 1700 TO 2400 MHZ RANGE WITH 27 PRESET CHANNELS; T-389A ORDER-WIRE TRANS. AND R-543A ORDER-WIRE REC. ON A 6 MHZ FM CARRIER FREQUENCY; AND PP-690, -689, & -764 POWER SUPPLIES. TRC-29 IS DESIGNED TO PROVIDE COMMUNICATION TRUNK SERVICE OVER AS MANY AS 20 TANDEM HOPS WITH 30 MILES LINE-OF-SIGHT BETWEEN REPEATER STATIONS. UNIT USED IN PPM, PCM, FREQ. DIVISION MULTIPLEX, TELEVISION, OR SWITCHOVER RELAY SYSTEMS. T-303A EMPLOYS A SRL-7 KLYSTRON OSCILLATOR (NOT AVAILABLE) FOLLOWED BY A 2C39A TRIODE 10 WATT AMPLIFIER R-418A HAS A 6BM6 KLYSTRON OSCILLATOR, AFC, AND AGC. ANTENNA INPUT-OUTPUT IMPED. 50 OHM WITH TUBES 13 IN R-453A, 29 (R-418A), 18 (PP-690), 16 (PP-689), 12 (T-389A), 37 (LESS SRL-7 IN T-303A), AND 11 (PP-764). POWER REQUIRED: 115/230 VAC 50/60 HZ 2300 WATTS. SIZE: 62x29x29 FOR TRANSMITTER AND RECEIVER SECTIONS EACH. TOTAL WT: 1051 LBS.
PRICE: TRC-29, UNUSED LESS SRL-7 \$395.00

BC-348 RECEIVERS



BC-348 RECEIVER, 200 TO 500 KHZ AND 1.5 TO 18 MHZ AM AND CW IN SIX BANDS. FEATURES CRYSTAL FILTER, MANUAL AND AUTOMATIC VOLUME CONTROL, AND BFO. INTERMEDIATE FREQUENCY: 915 KHZ; OUTPUT IMPEDANCE: 300 OR 4000 OHMS. "Q" OR "R" MODELS SHIPPED ACCORDING TO AVAILABILITY. TUBE LINE-UP VARIES AMONG MODELS. SOLD LESS THE DYNAMOTOR POWER REQUIRED: 220 VDC 70 MA AND 24 VDC. SIZE: 18x10x9 1/2; SHPG. WT: 44 LBS.
PRICE: USED, REPARABLE, \$75. CHECKED, \$99.50
GOV'T RECONDITIONED, CHECKED, \$125.
GM-28 DYNAMOTOR, 28 VDC 2 AMPS, USED, \$8.95
115 VAC 60 HZ POWER SUPPLY W/SPEAKER, \$23.00
PL-103 CONNECTOR PLUG F/REAR OF REC., 2.50
MANUAL FOR BC-348-Q OR -R, REPRODUCTION, \$10.

RECEIVER-TRANSMITTER

RT-294A/ARC-44 RECEIVER-TRANSMITTER DESIGNED FOR AIRCRAFT USE IN THE FREQ. RANGE OF 24.0 TO 51.9 MHZ F.M. VOICE IN 280 PRE-SET CHANNELS. TRANSMITTER IS APPROX. 8 W. OUTPUT, 52 OHM LOAD, AIR TO GND. RANGE APPROX. 50 MILES. REC. AUDIO OUTPUT APPROX. 50 MW. ACROSS 150 OHM. 600 OHM HEADSET.



MAY ALSO BE USED AS HOMING DEVICE FOR KEYED UNMODULATED OR CW SIGNALS. POWER REC. 27.5 VDC 3 A. 150 VDC @ 85 MA., 300 VDC @ 125 MA., 27 V. 400 CYC. FOR BLOWER. WITH TUBES 9/5840, 7/5718, 4/5829, 3/5636, 2/5763, 1/5647, 1/5902, 1/6112 & 1/68F7.
SIZE: 7 1/2 x 14 x 5 1/2; WT: 17 LBS. PRICE: USED, \$19.95

SB-329/AR SIGNAL DISTRIBUTION BOX FOR ARC-44; SELECT 60 HZ RECEIVERS/XMITTERS, USED, \$3.95.

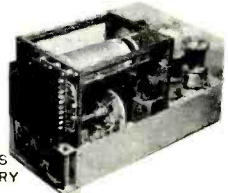
TRANSCIEVER R.F. TUNER FOR COLLINS 618S-1

THIS SUBSASSY. CONTAINS 1ST & 2ND R.F. AMP, 1ST & 2ND REC. MIXER, 1ST & 2ND TRANS. MIXER, I.F. AMP. DISCRIMINATOR, MULTIPLIER AND 2 DRIVER CIRCUITS. WITH TUBES 2/5654, 3/5749, 4/5750 & 2/5686. TUNING IS DONE BY THE SLUGS MOVING IN AND OUT OF THE COILS, FREQ. RANGE 2-25 MC
SIZE: 8x7x6 1/2; WT: 10 LBS. #5821-547-5718/618S-1
PRICE: USED \$14.95



POWER AMPLIFIER 618S-1 COLLINS TRANSMITTER

WITH VARIABLE INDUCTOR COIL 12.8 FT. #14 WIRE 27 TURNS, APPROX. 100 WATTS FOR 2 TO 25 MC, COIL IS ROTATED BY 115 V. 400 CYC SELSYN CONT. MOTOR, USES 3/6159 TUBES ALSO LARGE CERAMIC ROTARY SW. COILS, CHOKES ETC.
SIZE: 11x5x6; WT: 10 LBS #5821-547-3496/618S-1
PRICE: LESS TUBES \$14.95 WITH TUBES \$18.50
SCHEMATICS FOR 618S SUB-ASSEMBLIES EACH \$1.00
MATING CONNECTORS " " " " EACH \$1.50



GIBSON GIRL



T-74/CRT-3 SEA RESCUE TRANSMITTER EMERGENCY TYPE FOR USE ON THE DISTRESS FREQUENCIES OF 500 AND 8364 KH. POWERED BY HAND CRANK GENERATOR OR SENDS OUT AUTOMATICALLY SOS SIGNALS. CAN ALSO BE KEYS BY HAND WITH A 1000 CYCLE TONE, ON 500 KH ONLY.
SIZE: 10x8x10; WT: 20 LBS. USED \$24.95

GIBSON GIRL ACCESSORIES
M-315 HYDROGEN GENERATOR W/INFLATING TUBE; DESIGNED TO INFLATE M-278 BALLOON (NOT AVAILABLE). CONSISTS OF STEEL CYLINDER FILLED W/ LITHIUM HYDRIDE. IMMERSION ACTIVATED, \$7.00
M-308 SIGNAL LAMP W/STRAP FOR AROUND HEAD. PLUGS INTO T-74 AND LIGHTS WHEN XMITTING, \$1.
W-147 ANTENNA WIRE, 306' IN SPOOL. 65 LBS. TEST; #16 STRAND; .04" DIA. \$2.50

SSB TRANSCEIVER

RT-594/ARC-38A SSB TRANSCEIVER, 2.0 TO



25 MHZ FROM 20 PRESET CHANNELS; FREQ. INTERVAL: 500 HZ (2.0-7.25 MHZ) AND 1000 HZ (7.25-25.0 MHZ). HAS AUTOTUNE FROM CHANNEL TO CHANNEL. TRANSMITS SSB OR AM SIGNALS WITH MINIMUM PEAK OUTPUT OF 100 WATTS (2-14.25 MHZ) AND 90 WATTS (14.25-25 MHZ). ANTENNA TUNE POWER: 50 WATTS. CARRIER SUPPRESSION: 40 DB MIN. RECEIVES AM, DSB, AND SSB. SENSITIVITY: 1.5 U-V. FOR 10 DB (SSB); SELECTIVITY: 3 KHZ MIN. BANDWIDTH @ 6 DB DOWN; 8 KHZ MAX. @ 60 DB DOWN. CAN BE USED WITH FSK. UTILIZES A VFO, SPECIAL DISCRIMINATOR AND REFERENCE OSCILLATOR SUBASSEMBLIES. WITH 25 TUBES. POWER REQUIRED: 28 VDC AND 115 VAC 400 HZ.
600 VDC, 250 VDC, -50 VDC, -65 VDC AND 6.3 VAC. 115 V. 400 HZ FOR SELSYN ON PA INDUCTOR. SIZE: 15x8x23 1/2; WT: 65 LBS.
PRICE: RT-594/ARC-38A, USED, REPARABLE, \$135

618S-1/MC TRANSCEIVER MODIFIED FOR SSB. SIMILAR SPECS AS THE ARC-38A, USED, \$99.95

RT-311/ARC-38 TRANSCEIVER, SIMILAR TO THE ARC-38A, BUT WITHOUT SSB. USED, \$75.00

COLLINS 618S-1 TRANSCEIVER, SIMILAR TO RT-311/ARC-38, BUT WITHOUT VFO. CRYSTAL-CONTROLLED AM RECEIVER. USED, REPARABLE, \$49.50

1.5 - 30 MHZ RECEIVER



CFT-46243 RADIO RECEIVER, ORIGINALLY USED WITH NAVY DAU DIRECTION FINDER SET. COVERS 1.5 MHZ TO 30 MHZ IN FOUR BANDS. SUPERHETERODYNE TYPE RECEIVER HAS CONTROLS FOR BFO, AF GAIN, SENSE GAIN, AND SENSITIVITY. WITH TUBES 4/6SK7, 2/6SH7, 6SJ7, 6SQ7, 6SA7, 6K6, 6HG, 6J5, 0D3, AND 5U4G.
POWER REQUIRED: 115 VAC 60 HZ. SIZE: 14x19x17 1/2; SHPG. WT: 90 LBS. USED REPARABLE, \$100.

C-BAND AMP-MULTIPLIER



AM-915/GRC AMPLIFIER-MULTIPLIER, ORIGINALLY USED WITH THE T-302/GRC TRANSMITTER TO COVER THE C BAND, 225-400 MHZ FM. OUTPUT: 120 WATTS DRIVEN BY TWO 4X150's. SIZE: 12x6x14, SHPG. WT: 45 LBS. USED, \$54.95
AM-1180/GRC 50-100 MHZ, (1) 4X150A, \$49.50
AM-2537/TRA, 790-915 & 840-925 MHZ, \$59.50

AMPLIFIER-CONVERTER PLUG-IN UNITS USED WITH R-417/GRC RECEIVER. 30 MHZ IF. CONTINUOUS TUNING OF RF AND OSCILLATOR. USED, COMPLETE. SIZE: 7x6x9 1/2, SHPG. WT: 17 LBS.
AM-1179/GRC, 50-100 MHZ, \$39.50
AM-914/GRC, 225-400 MHZ, 4/6J4, 5670, \$34.95
AM-1177/GRC, 400-600 MHZ, \$44.50

BANDPASS FILTERS FOR R-417/GRC RECEIVERS.

Model	Frequency Range	Price	
F-193/U	121-142 MHZ	PRICE: USED, \$12.95	
F-195/U	163-184 "		
F-196/U	184-205 "	PRICE: USED, \$12.95	
F-197/U	205-226 "		
F-199/U	224-254 "	PRICE: USED, \$12.95	
F-200/U	254-284 "		
F-201/U	284-314 "	PRICE: USED, \$12.95	
F-202/U	314-344 "		
F-203/U	344-374 "	F-239/U	58.5-67.0 "
F-204/U	374-404 "	F-240/U	67.0-76.0 "
		F-241/U	75.0-84.0 "
		F-242/U	84.0-92.5 "

RF & IF MODULE
RF & VARIABLE IF MODULE FROM R-540/ARN-14 RECEIVER. 108 TO 135.9 MHZ RF; VARIABLE IF OF 19.5-21.4 MHZ. REQUIRES 88.5 TO 114.5 OSCILLATOR INJECTION (NOT PART OF MODULE). WORM-DRIVE VAR. CAPACITOR FOR TUNING. WITH TUBES 2/5654, 5670, AND 5725. 10x3 1/2x3 1/2, 12 LBS. UNUSED.
\$9.95

AUDIO AMPLIFIER

AM-864/U AUDIO FREQUENCY AMPLIFIER IS A PEAK-LIMITING UNIT FOR AM AND FM BROADCAST OPERATIONS. MAY ALSO BE USED IN RECORDING AND SOUND SYSTEMS REQUIRING AUTOMATIC REGULATION OF PROGRAM LEVEL. INPUT AND OUTPUT IMPEDANCE BOTH 600 OHMS CT. GAIN: 36 DB (MAX.) POWER OUTPUT: 6 MW INTO 600 OHMS. DISTORTION: LESS THAN 2% @ 400, 1000 & 5000 HZ. SPEED OF AUTOMATIC GAIN REDUCTION: 0.05 SECONDS; RECOVERY TIME: 2 SEC. NOISE LEVEL: 40 DB BELOW 6 MW. FREQ. RESPONSE: FLAT WITHIN 1 DB FROM 100 TO 5000 HZ. WITH TUBES 2/6SK7, 6SC7, 6SN7, 5Y3. RACKMOUNT. POWER REQUIRED: 115/220 VAC 50-60 HZ. SIZE: 7x8x19; WT: 30 LBS. PRICE: RE-COND. \$24.95



TCS RECEIVER

NAVY TCS RECEIVER COVERS 1.5 TO 12 MHZ AM IN THREE BANDS; CONTINUOUS TUNING OR FOUR CRYSTAL-CONTROLLED CHANNELS. AUDIO OUTPUT: 1.5 MW INTO 500 OHM LOAD. WITH TUBES 2/12A6, 12SA7, 3/12SK7, AND 12SQ7. POWER REQUIRED: 220 VDC 100 MA AND 24 VDC. SIZE: 11x11x13; SHPG. WT: 42 LBS. NET: 37 LBS. PRICE: USED, REPARABLE, \$19.95 CHECKED, \$50.00



TCS ACCESSORIES

TRANS. ANT. LOADING UNIT	USED	14.95
DYNAMOTOR P.S. F/REC & TRANS. 12V		14.95
REC. TO P.S. CABLE		2.75
TRANS. TO P.S. CABLE		2.75
CONTROL BOX TO P.S. CABLE		4.95
CONNECTOR PLUGS FOR ANY OF UNITS, EACH		2.00
MOUNTING BASE W/ SHOCK MOUNTS		4.75
SHOCK MOUNTS ONLY	EACH	.75
NOISE LIMITER CONVERSION KIT F/REC		3.00
AC POWER SUPPLY 115 VOLT 60 HZ TRANS.		40.00
REC. ONLY W/SPEAKER \$25. REC. & TRANS.		55.00

FOR MORE INFORMATION PLEASE WRITE

DIGITAL DISPLAY



BASKET BALL FOUL INDICATOR

DIGITAL DISPLAY: EACH UNIT WILL SHOW NUMBERS 0 TO 9 ALSO \$ SIGN 3-3/16" HIGH ON 3x4 SCREEN THAT CAN BE SEEN FOR QUITE A DISTANCE. OPERATES FROM 6.3 VAC. CAN BE ADAPTED FOR BASKETBALL FOUL INDICATOR BY PLACING ONE OVER EACH SCOREBOARD AND HAVE A CONTROL PANEL CONSISTING OF 5 SWITCHES AND TRANSFORMER AT THE SCORER'S TABLE. (WIRING DIAGRAM FURNISHED ON REQUEST) CAN ALSO BE ADAPTED FOR USE AS A MOVING READOUT BOARD. SIZE: 3x5x11; WT: 7 LBS.

PRICES: \$3.95 EA. 3 FOR \$10.00

SUBCYCLE RINGER

TA-13/TT STATIC FREQUENCY CONVERTER FOR RINGING PRIVATE TELEPHONE LINES. INPUT: 105-125 VAC 50-60 HZ. OUTPUT: 75-110 V 16-2/3 TO 20 HZ. WITH FUSE AND CONNECTORS. SIZE: 4-3/8x7-3/8x13; 45 LBS. SH; NET: 32 LBS. UNUSED, \$35.



AM-447 AUDIO FREQUENCY AMPLIFIER, VOLUME LIMITING TYPE, INSURES UNIFORM OUTPUT UNDER CONDITIONS WHERE THE RECEIVED SIGNAL LEVEL MAY VARY IN AMPLITUDE, ELIMINATING THE NEED FOR CONSTANTLY READJUSTING THE OUTPUT LEVEL. IT IS INTENDED TO BE USED RECEIVING EQUIPMENT, LINE AMPLIFIER OR TO AMPLIFY THE OUTPUT OF A MICROPHONE FOR MODULATING TRANSMITTING EQUIPMENT. INPUT IMPEDANCE 600 OHMS, OUTPUT IMPEDANCE 200 AND 600 OHMS, AUDIO INPUT: -10 DBM TO -10 DBM, FREQ. RESPONSE FLAT WITHIN 2 DB FROM 300 TO 3500 CPS.. GAIN: 34.8 DBM MAX. AUDIO OUTPUT 3 WATT HAS INPUT, OUTPUT AND PHONE JACKS ALSO VOLUME CONTROLS. WITH TUBES POWER REQUIRED 115 VOLT 50/60 CYCLE. SIZE: 7x12x14; (NO COVER WITH UNIT) WT: 23 LBS PRICES: USED SERVICEABLE \$8.95 TWO FOR \$15.00

BENDIX TRANSMITTER

BENDIX TA-12B TRANSMITTER, 40 WATTS OUTPUT CW, MCW AND PHONE FROM 300 TO 600 KHZ AND 3000 TO 7000 KHZ. EACH OF THE FOUR CHANNELS HAS ITS OWN OSCILLATOR, OSC. TUNING, AND LOADING. 0-5 RF AMMETER MONITORS ANTENNA CURRENT. WITH TUBES 4/12SK7 AND 3/807. ORIGINALLY USED WITH MP-28B 24 VDC 15 AMP DYNAMOTOR-MODULATOR (NOT AVAILABLE). POWER REQUIRED: 6.3 V. 3 AMPS, 260 AND 400 VDC EXTERNALLY MODULATED. SIZE: 10x15x11; WT: 40 LBS. USED, \$39.50



CU-992/URR MULTI-ANTENNA COUPLER FOR USE IN THE 2 TO 32 MHZ RANGE, CAN BE USED WITH 6 RECEIVERS FROM ONE ANTENNA SYSTEM. WITH TUBES 6/6AH6, 2/OB2 & 1/5U4G. POWER REQ. 115 V. 60 HZ. T.M.C. #AMC-6 RACK MTG. 19x8x15; WT: 40 LBS. REPARABLE \$25



TV-2/U DYNAMIC MUTUAL CONDUTANCE ELECTRONIC TUBE TESTER FOR PORTABLE USE. Used to test and measure performance capabilities and to determine rejection limits for electron tubes used in receivers, low-powered transmitters and other electronic equipment. Has provisions for checking tubes up to 9 pins including acorn, novaf, 7 pin trans., etc. Meters 2 1/2" for reading filament, grid, plate, screen, signal and transconductance (percent quality) which is 10,000 ohms per volt. All the important tests can be made on this unit and it will also test tubes under the actual operating conditions by setting the proper voltages that are indicated on the meters. Power required: 103 to 125V.; 50 to 1600 cycles. Size 173/4x16x8 1/2 shpg. wt: 45 lbs. Price: used reparable \$75.00 Chkd \$95.00

TV-2 PARTS: meters, sockets switches, transformers, etc. available. Write your needs.



AIRCRAFT MULTIMETER, WITH SCALES 1 TO 300 VAC AND 1000 VDC; 1 TO 1000 MA DC; AND 1 TO 1 MEGOHM. HAS 4" RD. METER, FS-1 MA. TWO 611 TWIN TRIODES REQUIRING 100 V. PLATE VOLTAGE (165 V. MAX.) NEEDS EXTERNAL POWER SUPPLY. METER CIRCUITRY SIMILAR TO H-P 410B/ME-26. NO COVERS. 9x5x10, 15 LBS. USED, \$19.95



ANTI-FIRE ANTI-THEFT

FIRE CHEX AUTOMOTIVE ELECTRICAL SHUT-DOWN DEVICE; DESIGNED TO AUTOMATICALLY DISCONNECT A CAR'S, TRUCK'S, OR BOAT'S ELECTRICAL SYSTEM IN THE EVENT OF A COLLISION AND THUS SUBSTANTIALLY REDUCE THE THREAT OF FIRE IN AN ACCIDENT. BY USING THE INCLUDED 80" SPLINE SHAFT, FIRE CHEX MAY ALSO BE USED AS AN ANTI-THEFT DEVICE. WITH THE ENGAGEMENT OF THE SPLINE LEVER HIDDEN UNDER A DASHBOARD, THE POTENTIAL THIEF COULD NOT START A VEHICLE, EVEN IF HE OR SHE "HOT-WIRED" THE IGNITION. THE ENGINE WOULD NOT TURN OVER UNTIL THE OWNER DISENGAGED THE UNIT. WORKS IN 6, 12, OR 24 VDC SYSTEMS. WITH SPLINE, FUSED LINE, MOUNTING BRACKETS, AND WIRING INSTRUCTIONS. SIZE: 4x4x1; SHPG. WT: 6 LBS. UNUSED, \$9.95



HEATH CHART RECORDER

HEATH EW-20-A CHART RECORDER, SINGLE SPEED 2" PER MINUTE WITH DIFFERENT SPEEDS POSSIBLE BY SUBSTITUTING INTERCHANGEABLE CHART MOTORS AVAILABLE FROM HEATH. 10" LINEAR SCALE; ONE SEC. FULL SCALE PEN RESPONSE. SENSITIVITY RANGES: 10, 25, 50, 100, AND 250 MV. ALSO VARIABLE DAMPING AND ZERO POSITION. TAKES STANDARD CARTRIDGE FOUNTAIN PEN (NOT INCLD.) POWER REQUIRED: 115 VAC 60 HZ. 8x15x13; SHPG. WT: 22 LBS. USED, REP., \$59.50



DATA STORAGE UNIT

CV-2607/GG CONVERTER SIGNAL DATA STORAGE; TAPE DATA STORAGE UNIT USES EIGHT CHANNEL HEADS, ONE READ AND ONE WRITE. TAPE STORED IN 14x12" MAGAZINE. SPROCKET-DRIVE HEADS HAS TWO SYNCHRONOUS STEPPING MOTORS @ 200 STEPS PER REVOLUTION. TWO SWING-OUT CIRCUIT CARD RACKS EACH HOLD FIFTEEN 6-3/8x5 1/2 CARDS. USES MOSTLY 2N404 TRANSISTORS, BUT ALSO SOME PLASTIC SILICON ONES. UNIT SETS IN RACKMOUNT CABINET WITH INTERIOR CLIDES AND MUFFIN FAN. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 19x10x21 1/2. SHPG. WT: 115 LBS. UNUSED, \$59.95



DIGITAL DISPLAY

ID-953 DIGITAL DISPLAY; six Burroughs 8421 (B-5092) NIXIE. Amber-colored filter; BEZEL marked hours, minutes, seconds. Has two Amphenol 57-40500 connectors (mates not available). With two spare 8421 NIXIE. 3 1/2" h x 4" d for standard rackmount. Price: Unused, \$29.95



TRANSISTOR RADIOSONDE

TRANSISTORIZED RADIOSONDE WITH CLOCKWORK TIMING MECHANISM (NO KEY); USED IN METEOROLOGICAL OBSERVATION OR SIMILAR APPLICATIONS REQUIRING AN EXTREMELY LIGHT-WEIGHT TRANSMITTER. UTILIZES A 2-TRANSISTOR MODULATOR AND A 2-TRANSISTOR TRANSMITTER CIRCUIT. TRANSMITTER HAS A 7533 INTEGRAL CAVITY TUBE WHICH FUNCTIONS AS THE TUNED CIRCUIT FOR THE OUTPUT: 1660-1700 MHZ, 575 MW (NO FURTHER DATA). WITH HUMIDITY ELEMENT. TRANSMITTER SIZE: 2 1/2" DIA. X 6"; OVERALL SIZE: 7x4x5 1/2. SHPG. WT: 4 LBS. FRIEZ #3002, UNUSED, \$9.95



T-69F/AMT-2 RADIOSONDE TRANSMITTER ONLY. F-2 EMISSION (FM) 390 TO 410 MC RANGE WITH TUBES 5703 AND 5910. REQUIRES BB-208 DRY CELL BATTERIES (SOLD SEPARATE). SIZE: 6x5x2 1/2; WT: 2 LBS. \$1.50 BB-208 DRY CELL BATTERY SET WT: 1 LB. \$2.00



GRAB BOX ASSORTMENT OF NEW & USED, USEABLE GOVERNMENT AND MANUFACTURERS SURPLUS ELECTRONIC ITEMS SUCH AS ASSEMBLIES, RESISTORS, CAPACITORS, MOTORS COILS, CHOKES, TRANSFORMERS, POTI CIRCUIT BOARDS, RELATED ITEMS. PACKED IN A CARTON OF 50 LBS. (THIS MAKES A GOOD FILLER TO MAKE THE MINIMUM WEIGHT REQUIRED FOR TRUCK SHIPMENTS OF 150 LB. CHARGE. GR-77 50 LBS. \$7.50 2 CTNS. 100 LBS. \$13.00

TELEMETRY RECEIVER

NEMS-CLARKE 1432 TELEMETRY RECEIVER WITH PHASE-LOCK DETECTOR. FUNCTIONAL IN THE 215-260 FM MHZ RANGE USING EITHER SINGLE-CHANNEL CRYSTAL CO-400 OR TUNABLE VFO VF-1400 PLUG-IN MODULES (NEITHER AVAILABLE). FIRST IF: 30 MHZ; SECOND: 5 MHZ. IF BANDWIDTH: 100 OR 500 KHZ. VIDEO OUTPUT: 10 HZ-100 KHZ AC COUPLED. FM DEVIATION RANGES: 25, 75, OR 150 KHZ. METERS FOR OUTPUT, DEVIATION, TUNING, AND SIGNAL LEVEL. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 8x19x16; SHPG. WT: 50 LBS. USED, REPARABLE, \$195.00 MANUAL F/1432, REPRO. \$10. *PURCHASE OF SET




Control Boxes Filters Indicators Tuning Units Amplifiers


ALARM BELL
OPERATES FROM
24 VOLT D.C.
SIZE: 4 1/2" x 4 1/2" x 2 1/2"
WT: 1 LB #561-13
NEW \$1.95




**PRINCESS #6902 PASTEL
SOLDERING IRON HANDLE.** TWO
WIRE CORD 4 1/2 FEET LONG.
NO ELEMENTS. UNUSED \$1.50




**C-345A/MRC-2
CONTROL BOX**
HAS VOLUME
CONTROLS,
PHONE & SPEAK-
ER JACKS,
FOR TWO RECEI-
VERS A & B.
ALSO 2 1/2 FT CORDS W/PL-68
PLUGS TO CONNECT THE UNIT
WITH A & B. 6x3 1/2x2 WT: 4LB
PRICE: \$3.95




**SB-329 SIGNAL
DISTRIBUTION
CONTROL BOX**
USED W/ARC-44
RADIO SET.
CONTAINS 4 POS. SEL. SWITCH
VOL CONT, 2 IND. LITES WITH
327 LAMPS, MINIATURE SWITCHES
3/SPDT, 1/SPDT & 1/DPD
1 1/2x1 1/2. SIZE: 2 1/2x3 1/2x4 1/2; 5 LB
PRICES: USED \$3.95 NEW \$7.95



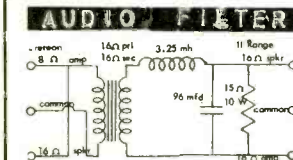
**DPDT POWER
KNIFE SWITCH**
RATED 125 V 60
AMPS. 3x3x8 1/2
INSULATOR BASE
6 1/2" LONG LEVER
W/BALL GRIP.
COPPER CONTACTS; 7 LBS SH.
#KNS-125V-60A, UNUSED, \$15



**LS-230 INTERCOMM.
UNIFICATION STAT-
ION CONTROL BX**
CONTAINS 3 ROT-
ARY 3 POSITION
LEVER CONT. SW
1 LEVER SW. OP
DT CENTER OFF,
1 LEVER SW. SPST 1 SIDE,
OTHERSIDE SPST MOM. & CEN-
TE OFF. 3 LITE IND. PHONE &
MIKE JACK & 1 MIN. TRANSFOR
50 TO 500 OHM. SIZE: 7x5x2 1/2;
WT: 3 LBS. PRICE: \$5.95

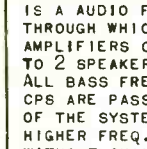


AUDIO FILTER




ELECTRO-VOICE FILTER EVXX3
IS A AUDIO FREQ. FILTER
THROUGH WHICH TWO AUDIC
AMPLIFIERS CAN BE CONNECTE-
D TO 2 SPEAKER SYSTEMS.
ALL BASS FREQ. BELOW 300
CPS ARE PASSED TO ONE SIDE
OF THE SYSTEM WHILE THE
HIGHER FREQ. ARE PASSED
WITHOUT CHANGE TO BOTH SYS-
TEMS. IN A STEREO SYSTEM
THIS ELIMINATES THE NEED
FOR 2 FULL RANGE SYSTEMS.
CAN ALSO BE ADAPTED TO
OTHER USES. #EVXX3F
5 1/2x4 1/2x5 1/2; 8 LBS. NEW \$2.95

**REMOTE STATION LINE
PANEL BOX** HAS THREE
POSITION SELECTOR
SWITCH, 2 BULLS EYE
INDICAYOR LIGHTS, 115 VAC
LINE CORD ETC. (NO BELL INC
3 1/2x6x4; 3LB.
#K-53-1604\$ NEW \$1.95



**RADIO COMPASS
INDICATOR 5"**
MN-98 CANADIAN.
W/AUTOSYN AY144
A1. CAN BE USED
W/AS-313/ARN-6
ANTENNA OR AY-201 AUTOSYN
AS TRANSMITTER. UNUSED \$15

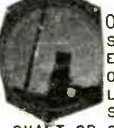


1D-637/ARN INDICATOR AZIMUT
RADIO COMPASS 3" UNUSED \$10

1D-91B INDICATOR 3" NEW \$10

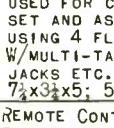
AY-201 AUTOSYN THAT CAN BE
USED WITH THE ABOVE INDICAT-
ORS AS A TRANSMITTER TO MAKI
WIND DIRECTION UNIT. RM\$2.95

1-81 OR 1-82 ARMATURES
3H2716/A1 ALSO MC-217/507
ARMATURES 3H2740-A5 NEW \$5




MN-40 INDICATOR
0-360 DEGREE SCALE
SIMILAR TO ABOVE
EXCEPT THAT IT IS
OPERATED MECHANIC-
ALLY BY USE OF A
SPINED FLEXIBLE

SHAFT OR SPIN KNOB OR BOTH.
MN-40 INDICATOR 5" \$2.50
MC-124 SHAFT 20" \$1.50
MC-137 SPIN KNOB \$1.00




•MAKE
•MACY'S
•PHONE
•PATCH


RM-52 REMOTE CONTROL UNIT
USED FOR CONTROL OF RADIO
SET AND AS INTERCOM., BY
USING 4 FLASHLIGHT BATT.
W/MULTI-TAP TRANS. MIC/PH
JACKS ETC. (PARTS -MACY'S)
7 1/2x3 1/2x5; 5LB. "U" \$3 "N" \$4



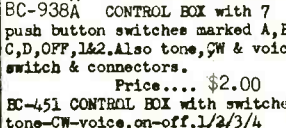
FLASHER POSITION
LIGHT, PERIODIC
AIRCRAFT TYPE
C-2, CONTAINS
2 FLASHER G-107
BALLAST TUBE,
24VDC RELAY DPDT, COND, RES.
SIZE: 4x4x4; WT: 2 LBS. USED
PRICE: \$1.00 EA. 2/\$1.50



SYLVANIA LAMP SOCKET STRIP
8 SOCKETS 1/2" CENTERS \$1.00 EA
28V LAMP 28PSB 30¢ EA. 4/\$1

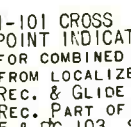


TS-446 R F
NEON INDICATOR
PROBE. NE-2. CLIP 4 1/2x 1/2 \$1.00




BC-938A BC-451 BC-136/2
BC-938A CONTROL BOX WITH 7
push button switches marked A, B,
C, D, OFF, 1&2. Also tone, SW & voice
switch & connectors.
Price.... \$2.00
BC-451 CONTROL BOX with switches
tone-ON-voice, on-off, 1/2/3/4
also code key, mic & phone jacks.
AUTO REMOTE CONTROL ASSY.
MIC. JACK, PILOT LITE, ON-OFF
SWITCH & 6 FT. 8 COND CABLE
MOUNTED TO PLATE 3x3 1/2 LBS.
PRICE: \$1.25 EA. 3/\$2.00

1-101 CROSS
POINT INDICATOR
FOR COMBINED USE
FROM LOCALIZER
REC. & GLIDE PATH
REC. PART OF ARN-
5 & RC-103. SIZE 3 1/2x3 1/2x3
WT: 3LBS. RECOND. \$2.95

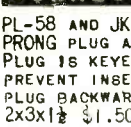


1D-304/APA-70C CROSS-POINT
COURSE INDICATOR W/ON-OFF
POWER SWITCH, UNUSED, \$7.95

1-81-N COMPASS IN-
DICATOR, 0-360
24 V 400 HZ OR 12
V 60 HZ. 3 1/2x3 1/2
DIA. \$8.95
CONNECTOR, \$2.50



CONNECTORS
PL-58 AND JK-37 THREE
PRONG PLUG AND JACK.
PLUG IS KEYS TO
PREVENT INSERTING
PLUG BACKWARDS.
2x3x1 1/2 \$1.50 EACH



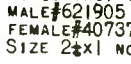
CONNECTOR PLUGS
15 CONTACT
SIZE: 2 1/2x1 1/2x1 1/2
PER PAIR \$1.50 P-601



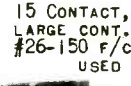
18 CONTACTS
2 1/2x2x1
P-2802
PER PAIR \$2.00



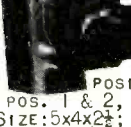
35 CONTACT CONNECTOR
MALE #621905
FEMALE #407375
SIZE 2 1/2x1 NO COVER \$1.50 PR.




15 CONTACT, POLARIZED 3
LARGE CONT. SIZE 1 1/2x2. AMP
#26-150 F/CHASS. #151 W/CO
USED \$1.50



**GENERAL
ELECTRIC
HEAVY DUTY
MULTI-SWITCH**
FOUR CONTACT 3
POSITION & OFF.
POS. 1 & 2, 2 & 3, AND 3&1
SIZE: 1 1/2x4x2 1/2; WT: 3 LBS.
GE#16SB1GF 1 1/4x3/8-1 \$4.95




BB-208/AMT RADIO-
SONDE DRY CHARGE
BATTERIES, 4 IN
A VACUUM PACKED
CAN, ONE 6V 2 1/2HR
THRU 30 OHMS, 3
36V EA. 3A HR.
THRU 1200 OHM. EA. BATT. SIZE
1-5/16x29/32x4-5/32; WT. EA.
BATT. 4 1/2 OZ.
BATTERY PACK (4) \$2.00



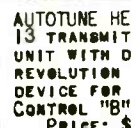
100 OHM 10 WATT
10-TURN VERNIER
SEALED POT, 3 1/2
1 1/2" DIA. #CLR-
2501/HFE USED,
\$4.95 EA.



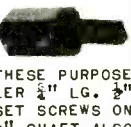
**BB
54**
WILLARD PLASTIC
STORAGE BATTERY
2 VOLT 28 AMP. HOUR NON-
SPILLABLE, BALL INDICATOR
DRY CHARGE, ADD ELECTROLYTE
SIZE 4x5x3; WT: 4LB. \$2.95



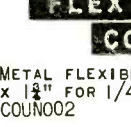
**AUTOTUNE HEAD FOR ATC/ART-
13 TRANSMITTERS.** MULTITURN
UNIT WITH DIAL 0-100, KNOB,
REVOLUTION COUNTER, LOCKING
DEVICE FOR PRESETTING.
CONTROL "B". COLF#23518
PRICE: \$1.95



SHAFT EXTENDER-
COUPLER-INSUL-
ATOR, CAN BE
USED FOR ANY OF
THESE PURPOSES. METAL COUPLER
1/2" LG. 1/2" DIA. WITH 2
SET SCREWS ON EA. END. FOR
1/2" SHAFT ALSO HAS FIBER IN-
SULATED SHAFT 1/2" LG. WITH
SLOTTED END.
#T-278-C 39¢ EA. 3 FOR \$1




**FLEXIBLE
COUPLING**
METAL FLEXIBLE COUPLING 2"
X 1 1/2" FOR 1/4 TO 1/4 SHAF
COUN002 EA. \$.40



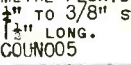
INSULATED FLEXIBLE COUPLING
1 1/2"x3" FOR 1/2" SHAFT.
COUN003 \$.25



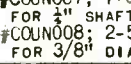
JOHNSON CERAMIC COU-
PLING 2x2 F 1/4" SHAFT
#COUN006 59¢ 2 FOR \$1



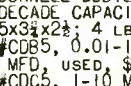
METAL FLEXIBLE COUPLING FIT
1" TO 3/8" SHAFTS. 1" DIA.
1 1/2" LONG.
COUN005 \$.25



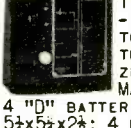
#COUN007; 1-5/8" DIA. X 1/2,
FOR 1/2" SHAFT, 39¢ EA
#COUN008; 2-5/8" DIA. X 1/2,
FOR 3/8" DIA. SHFT, 79¢ EA




CORNELL-DUBILIER
DECADE CAPACITOR
5x3 1/2x2 1/2; 4 LBS.
#CDB5, 0.01-1.1
MFD, USED, \$12.
#CDB5, 1-10 MFD, USED, \$15.




REMOTE MALFUNCTION
ALARM BOX,
-12 VDC APPLIED
TO TERMINALS AC-
TUATES 6 V BUZZ-
ZER. W/2 2500 4
MA RELAYS. USES
4 "D" BATTERIES (NOT INCLD)
5 1/2x5 1/2x2 1/2; 4 LBS. #E54R1, \$5



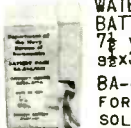
PRECISION VERNIER
WAVEGUIDE PROBE
4 3/4" LENGTH
3/8x5/8 WAVE-
GUIDE. PROBE
CAN BE POSITIO-
NED HORIZON-
TALLY 30MM AND VERTICALLY
10MM. P/O TN-191/GPN \$12.95




**CURRENT TRANSFORM-
ER** FOR USE WITH
AC AMMETER, MOLDED
TOROIDAL CONST
200/115 V 400 CPS
CURRENT RATING
500: 0.65 AMPS. 2 1/2x2 1/2x2 1/2 IN.
4 OZ, # 7499 \$.75
SIMILAR TO ABOVE OPEN
TOROIDAL. RATING 250: 2
AMPS 400 CPS. WEST. TYPE
AVT-15A 3x3x1, 8 OZ. \$.75



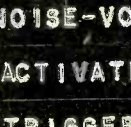
WATER ACTIVATED
BATTERY BA-316/AM
7 1/2 V. AND 114 V.
9 1/2x3 1/2x3 1/2; 3OZ. \$1 1/2
BA-315 MERCURY BATT
FOR URC-4 OUTDATED
SOLD "AS-IS" \$5
NICKEL CADMIUM BATTERIES
RB-422 CELL 1.2 V. 14 AMP.
HR. 3 1/2x7 1/2x1, USED \$8.00
BB-600 CELL 1.2 V. 34 AMP.
HR. 3 1/2x8 1/2x1 1/2, USED \$15.00



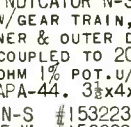
SILVER CELL
SILVER CELL DRY
CHARGE BATTERY, 1.5
V. APPROX. 8 AMP.
MIN. REQ. 3.4 CC OF
1,300 SPECIFIC GRAVITY POTAS-
SIUM HYDROXIDE FOR ACTIVA-
TION. SIZE: 1x1 1/2x3/8. #EP148E
PRICE: \$3.95 EA. 3 FOR \$10




**NOISE-VOICE
ACTIVATED
TRIGGERING
DEVICE** WHEN
CONN-
ECTED
TO 6-
9 VOLTS
AND A
RELAY
OF THE
SAME
VOLTAGE THE RE-
LAY CAN BE ACTI-
VATED BY NOISE
OR VOICE. UNIT CONSISTS OF
CRYSTAL MIC. TRANSISTOR, SCR
2 CAP. 3 RES. AND A TRIMMER
POT. FOR ADJUSTING SENSITI-
VITY. W/SCHEMATIC/LESS BATT
AND RELAY. SIZE: 1 1/2x1 1/2; 2 OZ.
LEE#5355 PRICE: \$1.95 3/\$5




INDICATOR N-S E-W
W/GEAR TRAIN, IN-
NER & OUTER DIALS
COUPLED TO 20,000
OHM 1% POT. U/WITH
APA-44. 3 1/2x4x5; 1LB
N-S #153223 \$4.95
E-W #153229 \$4.95




KEYBOARD
CALCULATOR
KEYBOARD,
17 BUSINESS-
SIZE KEYS.
EACH SWITCH
REMOVABLE;
CONTACTS AC-
CESSIBLE. SPAP
SLIDE SWITCH
USED, EXC. NCR#0092, \$3.95



KEYBOARD
16 KEY KEYBOARD
BY MICRO SWITCH
CONTACTS RATED
12V 6MA TO SIN-
GLE COMMON BUS.
BUTTONS .5x.5x.2. 0 THRU 9
RESET, DELETE, CARD NO.,
\$ AMT, PROCESS, FCT. SIZE
3x3x1 #16NW3-44 NEW \$6.95




VERNIER DIAL 6"
2 SCALES WITH
LOCK. USED ON
TAJ TRANSMITTER
MO TUNING, 5 LBS.
\$3.50




VIBRATORS

VB-16/6, 12 OR 24 VOLT
FOR PE-237 \$12.00
TYPES LISTED BELOW
\$1.95 EACH
VB-1/6VOLT FOR PE-117
PE-97 & PE-237
SAME AS VB-7
VS-3/6VOLT FOR PE-104
SAME AS MALL-550G
G534/12 VOLT FOR PE-110
VB-8/2 VOLT FOR PE-157
VB-9/6 VOLT FOR PE-157
VB-11/24 VOLT FOR PE-12
VB-12/6 VOLT FOR PE-120
VB-13/12 VOLT FOR PE-12



BB-51 BATT
ERY 6 VOLT
2.75 HOURS
THRU 30OHMS
LEAD CELLS
SIZE 1 1/2x3 1/2
x7/8. 5 OZ.
DRY CHARGE
PRICE:
\$1.00 EACH
BB-52 BATTERY, SAME AS
BB-51 EXCEPT 36V. EA. 3A.
HR. THRU 1200 OHM.
PRICE \$.50 EACH



RADIO TELEPHONE LINK



AN/TRC-47 RADIO SET IS PRIMARILY USED AS PART OF A 3 MILE SINGLE CHANNEL RADIO LINK IN A TWO WIRE TELEPHONE SYSTEM. A CONVERTER IS USED TO CONNECT THE TWO SYSTEMS. THE UNIT IS SINGLE CHANNEL AM CRYSTAL CONTROL FOR USE IN THE 132 TO 150 MC BAND AND REQUIRES 115 OR 230 VOL 50 TO 400 CYCLE FOR OPERAT

ION. THE TRANSMITTER OUTPUT IS 7 WATTS AND COMES WITH TUBES 1 EA. 2E26, 5763, 5R4, 6AK6, 0A2 12AX7, 2 EA. 12AU7 & 6L6, TUNING METER & METERING SW....RECEIVER HAS SPEAKER AND TUBES 1 EA. 12AT7, 6AQ5, 12AX7, 6AX5, 2 EA. 6BA6, 6J6, 0B2 & 4/6AK5...THE CONVERTER IS A COMBINED RINGING SIGNAL CONVERTER AND ELECTRONIC HYBRID NETWORK. IT CONVERTS A 20 CYCLE SIGNAL TO A 800 CYCLE AND 800 CYCLE FROM THE REC TO 20 CYCLE SO THE SIGNALS CAN BE TRANSMITTED AND ADAPTES TO TWO AND FOUR WIRE TEL. SYSTEMS. WITH TUBES 3 EA. 12AT7. 1 EA. 6AS6, 6AK6, 0B2, 2/0A2 & 3/6X4.

CABINET SIZE 21 1/2 x 14 1/2 x 22 1/2; SHPG. WT: 100 LBS. PRICES: USED SERVICEABLE \$59.50

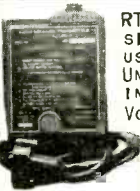
RT-159/URC-4 RADIO RECEIVER-TRANSMITTER USED FOR GROUND TO AIR-CRAFT RESCUE WORK. VHF FREQ. 120-130 MC. UHF FREQ. 240-260 MC. CRYSTAL CONTROL TRANSMITTER, SUPER REGENERATIVE RECEIVER. DIPOLE COLLAPSIBLE ANTENNA AND COMB. MIC & EARPHONE ARE PART OF THE SET. WITH 8 TUBES 4/6050, 2/6147, 2E32, & 304. BATTERY VOLTAGES REQUIRED 1.4 AND 90 VDC. UNITS USED SERVICEABLE. SIZE: 3 1/2 x 7 x 2 1/2; WT: 3LBS. PRICE: USED \$14.95



CX-1093A/U POWER CABLE FOR URC-4 \$1.50



URC-4 TEST SET, TS-684/URM-30 USED FOR ALIGNMENT AND TESTING RT-159 REC TRANS. CONTAINS 0-1 MA. METER, CRYSTAL OSC., METERING SW. ANTENNA, CABLE ETC. IN CASE SIZE 6x6x4. WITH INSTRUCTIONS IN THE COVER PRICE: \$9.95



RT-285/URC-11 RECEIVER-TRANSMITTER SIMILAR TO URC-4 RESCUE UNIT FOR USE BETWEEN AIRCRAFT AND GROUND. UNIT IS SET FOR 243 MC. TELESCOPING ANT. REC.-TRANS-TONE SW. BUTTOL VOLTAGES REQ. 1.4 & 90 VDC. SAME AS URC-4 ALSO URC-4 TEST SET CAN BE USED; TS-684 SHOWN ON PAGE 16 SIZE: 3x1 1/2 x 4; WT: 1 1/2 LBS. PRICE: USED..... \$18.95

CRYSTAL CALIBRATOR WITH THREE SEPARATE OSCILLATORS AT 10 KHZ, 100 KHZ, AND 1000 KHZ. WORKS FROM 1 TO 30 MHZ ON 1000 KHZ OSCILLATOR; 100 KHZ TO 10.5 MHZ ON 100 KHZ; AND FROM 10 KHZ TO 10 MHZ ON 10 KHZ. ORIGINALLY DESIGNED FOR USE WITH NO. 19 MK III RECEIVER-TRANSMITTER. WITH CRYSTAL SELECTOR, CABLE, AND PLUG. POWER REQUIRED: 12 VDC @ 0.5 A. & 265 V. @ 2.5 MA. SIZE: 2x9 1/2 x 4 1/2 WT: 7 LBS. USED, \$12.95



APX-6 R.F. HEAD A-403 P/O RF-29 WITH COUNTERS AND ANTENNA INPUT. USES TUBES 2C42, 2C46 & 1B40 8x8 1/2 x 3; WT: 6 LB. LESS TUBES \$4.95

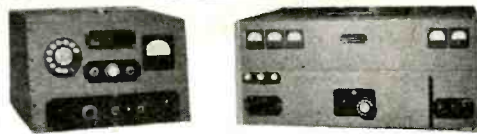


SONALERT

ALARM

MALLORY SONALERT ALARM MODULE, OPERATES FROM 5 TO 28 VDC 3-14 MA; FREQUENCY: 2900 HZ FAST PULSE, 68 TO 80 DB. 1-7/8 x 1-5/8 DIA. REMOVED F/EQUIP. #SC628P, \$5.95 EA.

SONALERT WITH 24 V SOLID-STATE PULSER MODULE, 30 CPM; PLUGS IN OCTAL BASE. MOUNTED ON BRACKET. REM F/EQUIP. #SC628P-PM, \$7.95



BC-1100 TRANSMITTER; 1.5 TO 10 MHZ, CRYSTAL CONTROL OR MO. ON ANY 4 PRESELECTED CHANNELS BY LOCAL OR REMOTE DIALING OR ON/OFF OPERATION 75 WATT C.W. 50 WATT PHONE. POWER REQ. 115/230 VOLT 50/60 CYCLE. WITH TUBES 2/6L6, 3/807, 1/VR-150, 1/5Z3 & 2/RK-60. MANUAL ONLY \$ 5.00 SIZE: 40x18x30; WT: SHPG. 411 LBS. NEW \$75.00

RM-40 REMOTE CONTROL & AMPLIFIER FOR ABOVE TRANSMITTER, HAS PULSE DIAL CIRCUITS THAT CAN BE USED TO OPERATE TRANS. OVER TELEPHONE LINE OR WIRE, MIC. AND PHONE AMP. AND LINE LEVEL METER. POWER REQ. 115/230 V. 50/60 CYC. WITH TUBES 2/6J5 & 1/80. SIZE: 10x14x13 1/2; WT: 50 LBS. NEW \$35.00 CARBON MICROPHONE \$7.95 MANUAL \$5.00

RADIOSONDE

AN/AMT-44 RADIOSONDE: CONSISTING OF THE T-304A TRANSMITTER & MD-147C MODULATOR. TRANS. IS A.M., 1680 MHZ AND THE MODULATOR CONTAINS THE PRESSURE SENSITIVE ELEMENT OR ANEROID, TEMPERATURE ELE. HUMIDITY ELEMENT AND A COMPUTOR, SERVES AS A SWITCHING ARRANGEMENT FOR THE DIFFERENT SERVICES WHICH IS TRANSMITTED BY THE RADIOSONDE THAT IS TAKEN UP BY A METEOROLOGICAL BALLON. ALSO USED FOR TRACKING WIND DIRECTION. WITH TUBES 5794 AND 5875. BATT. VOLTAGE REQ. 1.5, 6 & 115 VDC. WT: LESS BATT. 1 1/2 LBS. (613 GRAMS.) PRICES: MODULATOR ONLY LESS HUMIDITY AND SENSITIVE ELEMENTS \$3 TRANSMITTER ONLY \$4.95



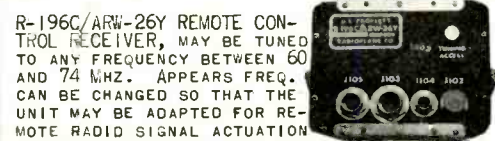
RT-380/AR RECEIVER-TRANSMITTER 2 TO 18.5 MC C.W. PHONE, 100 WATT TRANS. AM CRYSTAL CONTROL ON 10 PRESELECTED FREQ. RECEIVER 50 MW MIN. INTO 600 OHM LOAD. WITH TUBES 1/813, 2/811, 1/1625, 1/6AG7, 1/6V6, 1/12BE6, 2/12AU7, 2/12AL5, 2/28D7 & 4/68AG. POWER REQUIRED 400 VDC @ 750 MA. 750 VDC @ 350 MA. AND 27 VDC FOR RELAY AC FOR FILAMENTS. (SAME VOLTAGES AS ART-13) (SIMILAR TO COLLINS 18S4) SIZE: 15 1/2 x 7 1/2 x 23 1/2; WT: 70 LBS. LESS CRYSTALS PRICE: USED LESS DYNAMOTOR \$49.50



R-666/ARN-32 RECEIVER 75 MC CRYSTAL CONTROLLED FIXED FREQUENCY, USED TO ACTUATE RELAY THAT IN TURN CAN BE USED TO PERFORM A SPECIFIC FUNCTION FROM A REMOTE POINT BY RADIO, ALSO HAS AUDIO OUTPUT. COMES WITH TUBES 4/5908, 4/5907 AND 1/5903. POWER REQ. 27.5 VDC .6 A. SIZE: 2 1/2 x 5 x 8; WT: 2 LBS. PRICE: USED \$9.95



KB9-A 16 MM MOVIE CAMERA USED TO RECORD STRIKES BY THE MILITARY. HAS 35 MM, F3.5 KODAK EKTAR LENS; VARIABLE APERTURE FROM F3.5 TO F16. FILM SPEED: 32 FRAMES PER SECOND. FILM CAPACITY: 35 FT 16 MM FILM. CAN BE ACUTATED BY REMOTE CONTROL. POWER REQUIRED: 27 VDC FOR DRIVE MOTOR AND HEATER. RED AND YELLOW FILTERS INCLD. SIZE: 7x2 1/2 x 2 1/2 SHPG. WT: 5 LBS. PRICE: NEW \$34.95



R-196C/ARW-26Y REMOTE CONTROL RECEIVER, MAY BE TUNED TO ANY FREQUENCY BETWEEN 60 AND 74 MHZ. APPEARS FREQ. CAN BE CHANGED SO THAT THE UNIT MAY BE ADAPTED FOR REMOTE RADIO SIGNAL ACTUATION AS POSSIBLY GARAGE DOOR OPENER, SECURITY SYSTEM ACTUATOR, ETC. ACCEPTS A SIGNAL MODULATED AT 300, 650, 955, 1390 AND 3000 HZ. AUDIO TONE OPERATES A SEPARATE RELAY FOR EACH FREQUENCY. THE 955 HZ RELAY ACTIVATED WHEN THE OTHER RELAYS ARE NOT. THE UNIT PERFORMS MOST EFFECTIVELY FROM VISUAL DIRECTION. RECEIVER CONTAINS AN RF AMP, DETECTOR STAGE AND FIVE AUDIO FILTERS. WITH SIX 12AU7 TUBES. 7 1/2 x 8 1/2 x 5 1/2 WT: 8 LBS. USED \$9.95

CASES & CABINETS

TA-228/TCC-7 TRANSIT CASE; ALUMINUM WITH HASP FASTNERS AND RETRACTABLE HANDLES. INTERIOR SIZE: 10 1/2 W x 18 L x 15 D. WT: 18 LBS. PRICE: \$10.00

CY-1338/TRC TRANSIT CASE SAME STYLE AS ABOVE, 18 1/2 x 17 1/2 x 20 1/2, 29 LBS. \$16.00

CABINETS

STK. NO.	H X W X D	PANEL	DOOR	LBS.	COND.	PRICE
1015/39	10 1/2 x 22 x 15	9 1/2	TOP 25	USED	\$8.95	
1313/60	13 x 19 x 13	12	" 30	"	\$10.00	
CY-1693	16 1/2 x 22 x 14	14	NO 35	NEW	\$20.00	

OTHER TRANSIT CASES AND CABINETS IN STOCK--WRITE

EQUIPMENT ENCLOSURES



TABLE TOP CABINETS, ALL UNUSED, STEEL CONSTRUCTION WITH GRAY-CRACKLE FINISH.

A-1228, HAS HINGED TOP AND BALL CORNERS. TAKES 9x19 CAB. OVERALL SIZE: 10 1/2 x 20 1/2 x 15; SHPG. WT: 30 LBS. UNUSED, \$24.95

MS-5373, REAR ENTRY STYLE; HOLDS 8x19 RACK. OVERALL SIZE: 9 1/2 x 19 1/2 x 19 1/2; SHPG. WT: 25 LBS. UNUSED, \$15.95



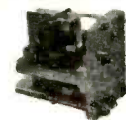
MS-733 CABINET; TAKES 9x10 1/2 x 7 1/2 PANEL. OVERALL SIZE: 10 1/2 x 12 1/2 x 8. SHPG. WT: 15 LBS. UNUSED, \$8.95



MS-1167, SHORT DEPTH 7x19 x 7 1/2 RACK. OVERALL SIZE: 8 1/2 x 20 1/2 x 8, SHPG. WT: 17 LBS. UNUSED, \$9.95

EQUIPMENT CABINETS

EQUIPMENT CABINETS, MANY SIZES AND STYLES. WRITE US YOUR NEEDS. SEND SASE FOR LISTING.



OSCILLATOR AMPLIFIER ASSEMBLY; WITH 7268 KLYSTRON AND 2/717A TUBES THAT WERE DESIGNED TO BE USED IN 2800-3000 MHZ RANGE. WESTERN ELECTRIC ASSY. #D-150815 SIZE: 6x5 1/2 x 4; SHPG. WT: 7 LBS. PRICE: UNUSED, \$12.95



MAGNET FROM MAGNETRON TUBE L3110-A DOUGHNUT SHAPED MAGNET 6x6x3, WITH CUT-OUTS ON EACH SIDE, WAVEGUIDE OUT LET 2x3 1/2, GOLD PLATED, ASSY: WT 10 LB NOT SOLD AS USEABLE TUBE. \$15 0-444/ALT-68 OSCILLATOR W/ABOVE TUBE & 27VDC AIR PUMP. 3000-4000MHZ. \$25.

ELECTRIC MOTORIZED WHEEL



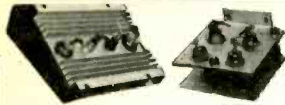
ELECTRIC MOTORIZED WHEEL WITH 6VDC MOTOR & HEAVY DUTY GEAR BOX, REVERSIBLE APPROX. 50 RPM NO LOAD, 1 AMP. 3 AMP. LOADED, 6 AMP STALL. RUBBER TIRED WHEEL 5" x 1 1/2", TOP OF FORK TO BOTTOM OF WHEEL 6 1/2", 2 1/2 x 5/8" CUP TOP OF FORK AND 6 1/2 x 3/4" TUBING ABOVE CUP. ALL METAL CONSTRUCTION INCLUDING GEARS EXCEPT MOTOR ENDS ARE HIGH IMPACT PLASTIC & TIRES. NET WT. 3 LBS PRICE: \$7.95 EA. 2 FOR \$15 No. 6VDC-P HAS MANY USES EQUIPMENT DOLLY, WHEEL CHAIR, CAR, FISHING REEL

NOISEGUARD

NOISEGUARD HEARING PROTECTORS USED TO REDUCE NOISE LEVEL IN HIGH NOISE LEVEL AREAS. LIGHTWEIGHT ASSY WITH ADJUSTABLE HEADBAND. W/INSTRUCTIONS. #FM-2011 NEW 1 LB. \$4.95



SILICON DIODES



SILICON DIODES; MOUNTED ON HEAT SINKS WITH MOUNTINGS. REMOVED FROM EQUIPMENT AND GUARANTEED TO BE OPERABLE. SILICON FULL BRIDGE, APPROX 100V. 5 A. S/T #5578-2 \$1 2C8R w/4/1N3208, 4/1N3208R, 2/TIERED MTG 4x4x2.75 3C12R w/4/1N3208, 4/1N3208R, 2/1N3209, 2/1N3209R, 3-TIERED MTG 4x4x4.25 IC1T 2N1557, 90 WATT, 40 V 15 AMP ON 3x4 1/2" HIGH COOLING HEAT SINK \$1.50

BAJB 2/1N3212, 2/2N686, (25 A. 250 PRV) 4x6x1 \$3.50 DI190 4/1N3208, 1/1N3208R, 1/3209, 1/1N3212, PLUS 10/RES, 4/CAP, 2/POT \$3

O-SCOPE VIEWING HOOD; FITS OS-CILLOSCOPE WITH 3" CRT. 11 1/2" LONG; BLACK RUBBER. MX-40A/APS-4, UNUSED, \$3.

COPY LENS W/8" FOCAL LENGTH, F5.6 APERTURE. COATED LENS HAS 4 ELEMETS MAGNIFIES APPROX. 3X. SIZE 2-1/8x2 1/2; WT. 12 OZ. EDNALITE # 245 NEW \$3.95

TRAVELING WAVE TUBE



THE TRAVELING WAVE TUBES LISTED BELOW ARE USED COMPLETE, NOT CHECKED, NOT GUARANTEED. (EXPERIMENTER'S ITEM)

ZM-3480 VARIAN TWT WITH DC-DC INVERTER POWER SUPPLY. OPERATES FROM 115 V. 48-420 HZ. HAS POWERFUL DISC MAGNETS THAT CAN BE DISMANTLED. SIZE: 13x3; 12 LBS. \$10.00

WJ-295 WATKINS JOHNSON TWT LOW NOISE AMPLIFIER 2.0-4.0 GHZ WITH INVERTER DC-DC P.S. FOR USE ON 115 V. 48-420 HZ OUTPUT 600 VDC, 150 VDC, -100 VDC & -30 VDC. HEAVY DISC MAGNETS. 10x3; 7 LBS. \$10.00

TWT'S LISTED BELOW DO NOT HAVE ANY POWER SUPPLIES OR MAGNETS. NO ADDITIONAL DATA. SPERRY STC-279 12x1 1/2 \$5 MICROWAVE M5217 13x1 \$5 HUGHES 333H 9 x 3 \$5 HUGGINS M5057A 17x1.5 \$5 RAYTHEON CKB994 8x2.5 \$5 MICROWAVE 10300 15x1 \$5 RCA PS296001/4033 \$5 ALL ABOVE TWT APPROX. 5 LBS.

BC-624/522 RECEIVER, 3 GANG 6-36 MMF EACH SECTION WITH SLUG TUNED TRIM. SHAFT 5/16 STK #3D9036V SIZE: 4 1/2x2 1/2x3 1/2; 1 LB. \$1.50

351-1013 3.5 TO 27 MMF, 13 PLATE SIZE: 1-5/8x1 1/2x1 1/2; 1-5/16" SHAFT 1 1/2x3/16. \$1.75

TCS VARIABLE CAPACITOR, 2 SEC. 10-360 MMF, ONE SEC. 10-360 MMF, 3 BAND CALIBRATED DIAL 4" 1.5 TO 12 MHZ SIZE: 7x3 1/2x3 1/2; WT: 10 LBS. #881 \$3.95 USED

TRANS. CAPS.

5910-193-8025 3 GANG 8-50 MMF 2000 VDC, ROTOR SECTION INSULATED FROM EACH OTHER. SIZE 3 1/2x2 1/2x6 1/2; 2 LBS. \$6.95

RBF-3-1A162 1 GANG 10-135 MMF. 2000 VDC 3 1/2x2 1/2x2 \$2.95

DIFFERENTIAL VAR. CAP., 7-75 PF EACH SIDE. .03" AIR GAP; 1 1/2x1 1/2x1 1/2, 5/8x3/4" DIA. SHFT. #309075V-37, \$1.95

VARIABLE AIR CAPACITOR 2.8 TO 8.5 MMF 5 PLATES P/O BC-640 TRANS. #A105262 3D9002VE8 \$1.79

LM FREQ. METER, LESS TUBES, CRYSTAL WITH VAR. CAP., 11.5-160 MMF & DIAL USEABLE. BALANCE (AS-13) \$10

VARIABLE CAPACITOR, 10-150 PF, 0.05" AIR GAP; 3x2 1/2x2 1/2, 3/8x1/2" DIA. SHFT. WITH THREE 3/8" FRONT MOUNTING POSTS. #P717517, NEW, \$3.95

#A8B083C; 10-106 PF, .02" AIR GAP; 1 1/2x1 1/2x1 1/2, SHAFT: 1x1/2" DIA. UNUSED, \$1.50

#667-7431; 10-140 PF; 1 1/2x1-1/8x3/4, 1x1/2" DIA. SHFT. MILLEN 21140, UNUSED, \$2.95

#C-221/T-195; 13.5-77.8 PF ONE GANG, 17-99.6 PF THE OTHER. APPROX. 3 KV. SHFT: 3/4x1/2" DIA. 5 1/2x1 1/2x3 1/2, \$3.95

BC-624 RECEIVER R.F. TUNER ASSY 100 - 156 MHZ A.M. W/VARIABLE CAP., COILS, TUBE SOCKETS, OSC. SEC. P/O SCR-522 5x5x5; WT: 7LBS 22K11150 Used \$3.95/N \$5.95

RF-OSCILLATOR TUNING CAPACITOR F/ MARK II RECEIVER; 4 GANG, 0-530 PF/GANG. 3 1/2x1 1/2x6. 5/8x5/8" DIA. SHAFT. #76330-C, USED, \$4.95

TANK TUNING CAPACITOR FROM MARK II; 1-GANG, 0-563 PF. 0, 03" AIR GAP; 3 1/2x2 1/2x1 1/2, 1x1/2" DIA SHFT. #76348-C, \$2.95

TUNING CAPACITOR F/RT-176/PRC-10, 38 TO 54.9 MHZ; 5-54.9 MHZ; 5-54.9 MHZ; 5-33 PF/GANG. WITH 1 1/2" AND 5/8" DIA. GEARS; 3/16" DIA SHFT. 1 1/2x1-5/8x4, USED, \$4.95

READ-OUT ASSEMBLY MOUNTED ON STRIP TO A TWO CONTACT WITH WAFER SW RESISTORS FOR 115 VOLT 60 CYCLE USE. STRIP SIZE 1x7, SWITCH SIZE 2 1/2" DIA. WT: 6 OZ. #LANS SW-249 REM-MOVED FROM EQUIP. \$1.50 EA. 4 FOR \$5.

TRANS. CAPS.

DUAL 4-30 MMF 1000 VDC 1 1/2x2, SHAFT 3/4x1/2 P/O BC-640 CARDWELL 430/1M REM \$2.95

DUAL 5-25 MMF 2000 VDC 1 1/2x4x4, SHAFT 3/4x1/2 P/O BC-640 CARDWELL 525/2M REM \$3.95

DUAL 4-20 MMF 2000 VDC 1 1/2x3 SHAFT 3/4x1/2 P/O BC-640 CARDWELL 420/2M REM \$3.95

DUAL 4-50 MMF 1000 VDC 1 1/2x3 SHAFT 3/4x1/2 P/O BC640 CARDWELL 450/1M REM \$2.95

SIAGLE 10-106 MMF 1500 VDC 2x2x2 1/2 SHAFT 3/4x1/2 P/O BC640 JOHNSON 155-4-4 REM \$2.95

SINGLE 8-54 MMF 1500 VDC 1 1/2x3 SHAFT 3/4x1/2 P/O BC-640 JOHNSON 155-2-2 REM \$2.95

SINGLE 10-24 PF .04" AIR GAP; 1-5/8x1 1/2x2, 3/4x1/2" DIA. SHFT. #K5-8923, \$1.50

DUAL 6-22 MMF 1500 VDC 1x1 1/2x2 1/2 SHAFT 3/16x1/2 TELERADIO 622/15M NEW \$1.95

DIFFERENTIAL CAPACITOR 150-300 MMF 500 VDC 1 1/2x1 1/2x5 1/2 SHAFT 3/4x1/2, BRASS PLATE HAMMARLUND 4111-79 REM \$7.

VARIABLE CAPACITORS 100 WATT SIZE: 4x2x3 SHAFT 3/8x1/4

P-7761569 23 TO 111 MMF M-7463006-1 22 TO 118 " T-7660443-4 19 TO 116 " WT: 2 LBS. REM \$1.95 EA.

COMMAND TUNING F/ TRANSMITTER 35-150 MMF 2000 VDC W/GEARTRAIN 4x2 1/2x3, 1 LB 2C6397/C8 \$1.95

PRE-SELECTOR UNIT ASST PART OF R-48 REC. 230-250 MHZ. CONSISTS OF RF MIXER & OSCIL. USING 6AG5-2 EA. 9002-1 EA. TUBES (LESS TUBES) FOR USE WITH 30 MC I.F. SIZE: 6x5 1/2x4; 5 LBS. USED \$5

GR PRECISION VARIABLE CAPACITOR 30-220 MMF 1000 VAC, SHAFT 5/16x1 1/2 IN ALUM. CAST 4x2 1/2x5 1/2; 6 LBS. 4 HOLE MTG. 5910-667-6732 \$9.95

TU-53 OSCILLATOR PLUG-IN ASSY. FOR BC-610 TRANSMITTER

FREQ. RANGE 8-12 MHZ. CONTAINS VAR. CAPACITORS WITH SHAFTS 140 MMFD, 190 MMFD. 2/CERAMIC CAP. 1/MICA CAP. 4/R.F. COILS, 2/RES. 1/DPDT SW. 1/DIAL, 2/KNOBS, CRYSTAL SOCKET, AND OTHER PARTS. SIZE: 2x8 1/2x4 1/2; 4 LBS. \$3.95

AUDIO OSCILLATOR BASIC ASSEMBLY, CONTAINS 24 12 MMFD CERAMIC TRIMMERS, 21 TEMP COMP. CAPACITORS & RESISTORS. WHEN USED WITH 2/6SU7 TUBES & ASSOCIATED PARTS IT WILL PRODUCE A FREQ OF 425-2295 HZ IN 12 STEPS OF 170 HZ EA. # DIV. REC-26 SIZE: 5 1/2x5 1/2x4 1/2; 5 LBS. \$4.95

RECEIVING TYPE CAPACITORS FOR AM-FM-AUDIO-OSCILLATOR USE WITH SHAFTS.

#48842 DUAL 12-90 MMF & 15-140 MMF SIZE 1x1x1 1/2 \$1.00

#66972 DUAL 9-50 MMF & 1-100 MMF, SIZE 1x1x1 1/2 \$1.00

#330V020-H02 DUAL 10-90 & 14-140 MMF 1 1/2x1 1/2x1 1/2 \$1.25

#CHC481060; 8-20 PF, 1 1/2x1 1/2x1 1/2, 3/4x1/2" D. SHFT. \$1.25

#330V030H02 DUAL 10-100 & 12-250 MMF, 1 1/2x1 1/2x1 1/2 \$1.50

#330V010H04 DUAL 10-100 & 12-365 MMF, 1 1/2x1 1/2x1 1/2 \$1.95

#M-C6225 3 GANG 10-365 MMF 1 1/2x1 1/2x3 1/2 \$3.95

#666-7837; 10-281 PF; 3 1/2x1 1/2x1 1/2, 5/8x3/4" D. SHFT. \$3.95

#124-260; 15-245 PF; 1 1/2x1 1/2x2 1/2, 3/4x1/2" D. SHFT. \$2.95

3D9200V-19 4 GANG, 14-200 MMF 3 1/2x1 1/2x4 1/2 \$4.50

5910-193-8004 5 GANG, 20-402 EA. SEC. 2 1/2x3 1/2x5 1/2 \$4.95

AIR PADDER CAP

ALL PADDER CAPS. REQUIRE SCREW-DRIVER ADJUST.

351-1054 2-8 PF 49¢ D3535 2-20 PF 49¢ CA-253 3-70 PF 49¢ CTN48785 5-17 PF 49¢ KS36534 10-49 PF 49¢ SBL72265-2 8-32 PF 49¢ CTN481426 22-104 PF 79¢ 406409 8-118 PF 79¢

JOHNSON #189-6-6; 1.8-13 PF 650 v. 7/16x7/16x9/16, 89¢

JOHNSON #T2-16; 1.9-15.7 PF 325 v. 9/16x5/16 DIA., 89¢

#3D9006V-7 DIFFERENTIAL, 3-6 PF, .045" GAP; 1 1/2x1 1/2, 1 1/2x1/2" D. SHAFT. NEW, \$1.95

COMPRESSION-TYPE MICA TRIMMER CAPACITORS, ASSORTED VALUES, FIVE FOR \$1.00

SMITTING VARIABLE CAPACITOR, TWO GANG, 30-180 PF/GANG. 0.031" AIR GAP; APPROX. 10 KV. RATING. SHAFT: 1 1/2x3/8" DIA. 7x4x1 1/2; SH. WT: 15 LBS. #KS-13987L USED, \$21.95

SMITTING VARIABLE CAPACITOR 100-750 PF, 87 PLATES. AIR GAP: 0.1" APPROX. 4 KV. SHFT: 1 1/2x1 1/2" DIA. 3 1/2x2 1/2x1 3/4; 8 LBS. #KS-13986L, \$16.95

PRESSURE TRANSDUCER TYPE M-1 TOSS BOMB COMPUTER ELECTRIC TYPE DUAL DIAPH. HIGH LOW CONN. PITOT & STATIC LINES. SIZE 6x3x4; WT: 3 LBS. STK#1280-568-6013 \$3.95

MAGNETIC FOCUSING YOKE WITH 2 MAGNETS MOUNTED IN RING RING SIZE 2-1/8" DIA. 5/8" W. 1" HOLE MAGNETS 5/8" x 9/16 WT: 7 OZ. # MAGNET CIR-7 PRICE: 35¢ 3 FOR \$1.00

T.V. TUNERS

UNITS HAVE NOT BEEN USED & ARE NOT GUARANTEED.

VHF CHANNELS 2-13 FREQUENCY 54-216 MC OUTPUT 41 MC

URC#27160 WITH TUBES 1/6ES8 & 1/6CG8. SIZE 4 1/2x3 1/2x4; \$4.95

URC#63K10-03 WITH TUBES 1/6KZ8 & 1/3GK5 SIZE: 2x2 1/2x3 1/2. \$5.95

CHANNELS 14 - 83 FREQUENCY 470-890 MC OUTPUT 41 MC

URC#34834 WITH 1/20Z4 TUBE OR EQUIVALENT. SIZE: 3 1/2x3 1/2x2. \$4.95

URC#86712 TRANSISTORIZED SIZE: 1 1/2x2 1/2x3 \$3.95

AM & FM TUNERS

AM FREQUENCY 550 - 1600 KC FM FREQUENCY 88 - 108 MC

UNITS HAVE NOT BEEN USED

F.M. TUNER WITH 1/12D8 TUBE & DIAL. SIZE 3x2x1 URC#462 \$3.95 A.M. & F.M. TUNER SAME AS ABOVE URC#2H02 \$4.95

A.M. & F.M. TUNER WITH 1/12D8 TUBE NO DIAL 3x2x1 URC#7H02 \$3.95

F.M. TUNER WITH 1/6AQ8 TUBE NO DIAL, 3x2x1 URC#4H02 \$2.95

MORE VARIABLE CAPACITORS P.5

LC-902 ANTENNA INPUT TANK FOR TN-2A/APR-1 TUNING UNIT, FREQ. 76 TO 300 MHZ. WITH VARIABLE CAPACITOR, COIL, AND 955 TUBE SOCKET. SIZE: 4 1/2x3 WT: 4 LBS. UNUSED \$9.95

LC-702 ANTENNA MIXER TANK FOR TN-3A/APR-1 TUNING UNIT FREQ. 300 TO 1000 MHZ. WITH VARIABLE CAPACITOR AND COIL SIZE: 2 1/2x3 1/2 WT: 3 LBS. PRICE: UNUSED \$6.95

LC-701 OSCILLATOR TANK FOR TN-3A. WITH VARIABLE CAPACITOR AND COIL. SIZE: 4 1/2x4 WT: 4 LBS. UNUSED \$8.95

MALLORY SPIRAL INDUCTOR, THREE-GANG TUNER .04 TO .70 UHY (APPROX.) PER SECTION. 19 TO 75 MHZ RANGE WHEN PLACED IN PARALLEL TO 100 MMF. PROVIDES ACCURATE, NOISE-FREE OPERATION AND ELIMINATES USE OF SWITCHING COILS, BAND SWITCHES, ETC. SIZE: 5x2x2; SHAFT: 3/8" LX 1/2" DIA. #B-10-77, \$8.95

FIRE DETECTOR PHOTOELECTRIC RESISTANCE TYPE 1.5 MEG. MAX DECREASES WITH INTENSITY OF LIGHT. #6340-651-6213 SIZE 1 1/2x3 \$2.95

INSULATORS

STAND-OFF, CROWS FOOT, 7" Hx1 1/2" D. CAST BASE, 2 1/2" CTRS. TOP CAST W/3/16"-20 SCREW #5970-405-8992 \$4.00 SIMILAR, ABOVE 3" 3.00 " 10" 7.00

IN-86 STRAIN INSULATOR 4 1/2" LONG, 3/4" DIA. MAYBE ROUND OR SQ. 59¢ EA. 2 FOR \$1.00

STK.#INS.1014; FEED-THRU 4" LONG 3/8" HOLE, 7/8 DIA. WITH NECK. PRICE: 25¢

CONE 1" BASE 1-1/8 H. #10-24 THREAD. #CSJ-61028 35¢ EA. 4 FOR \$1.05

STK.#INS.#1015; FEED-THRU BRASS BOLT 6 1/2" LONG X 1/2" W/ NUTS, SPLIT INSULATOR FOR 3/4" THICK MOUNTING WITH CORK WASHERS, OVERALL LGTH 3 1/2" X 2, WT: 2 LB. \$2.50

STK.#36584 IN-84 FEED-THRU CONICAL SHAPE, 5" LG. O/A; 2 CONICAL SHAPED 1-1/8 LG. X 1 1/2 DIA. AT BOTTOM, 1" AT TOP, 1/4" DIA. ROD WITH 1/4 20 THRD. WITH NUTS/WASHERS 1/2 LB. 25¢ EA. 5 FOR \$1.00

"D" CELL BATTERY HOLDER WITH SILVER-PLATED CONTACTS. 2 BATTERIES SECURELY HELD BY CLIP-LATCH COVER. MOUNT UPRIGHT. 3x2 x3 1/2. #BH2172, REMOVED-\$1.50

INSULATOR ENTERING TYPE, CERAMIC BOWL 2 1/2x2, PLATED MTG. RING 3 1/2x6 MTG. HOLES, 4 1/4" BOLT THRU. CENTER 1/4x20. STK#CBJ61023 H, 7" DIA. 59¢ 2 FOR \$1.00

STAND-OFF INSULATOR H-1 1/2, B-1 1/2, A-1 1/2, 1/4" BOLT REQ. 1 1/2" MTG HOLE #PP-1048 NO HARDWARE 3 FOR \$1.00

ART-13 TRANSMITTER ANTENNA INSULATOR PANEL; WITH 3 1/2x4 OBLONG INSULATOR WITH TWO SPRING-TYPE BINDING POSTS. ALSO A 2x1 AND A 2 1/2x2 CONICAL INSULATORS WITH PUSH-TYPE BINDING POSTS. WT: 1 LB. COMPLETE ASSY. USED \$1.00

VACUUM CAPACITOR 3 MMFD 15 KVDC ±10%; WITH CONNECTORS. SIZE: 5/8"x4", 8 OZ. JENNINGS TYPE Y-3 \$1.50

STAND-OFF'S

STAND-OFF INSULATORS, CROWS FEET TYPE. BRASS AND PLATED BRASS BASES AND TERMINALS.

D=DIAMETER
H=HEIGHT
M=MOUNT BASE HOLES' CENTER DISTANCES
ST=SCREW TERMINALS
CT=CLAMP TERMINALS

#B-H3-D1.25-ST3, BROWN CERAMIC; M=2.25", TERM. CAP SIZE: 7/8x1-5/8" DIA. SHPG. WT: 2 LBS. \$2.75
#B-H4-D1.25-ST2, WHITE; M=2.25". TERM CAP: 1x1-5/8" DIA. 3 LBS. \$3.25
#XW-H5-D1-ST, WHITE; M=2.25" TERM CAP: 2x1" DIA. \$3.00
#W-H5-D1.25-ST, WHITE; M=2.625" TERM CAP: 3/8x1 1/2" DIA. 3 LBS. \$3.75
#B-H5-D1.25-CT, WHITE; M=2.25". TERM CAP: 1x1-5/8" DIA. 3 LBS. \$4.00
#BL-H6-D1.25-ST2, BLACK PAINT ON BRASS; M=2.625" TERM CAP: 1x1 1/2" DIA. SHPG. WT: 4 LBS. \$4.25
#W-H6-D1.75-NTTH, WHITE; M=3.75". NO TERM CAP; THREADED. 5 LBS. \$4.50
#B-H7-D1.25-ST, BROWN; M=2.25". TERM CAP: 5/8x1-5/8" SHPG. WT: 3 LBS. \$4.75
#W-H8-D1.75-NTTH, WHITE; M=3.75". NO TERM CAP; THREADED. 6 LBS. \$5.25

PORCELAIN STAND-OFF INSULATORS, SCREW THREADED.

#P-4H-.75D, 8-24 THRD, \$5.50
#P-5H-.75D, 8-24 THRD, .65
#P-6.75H-1D, 10-24 THRD, .85

3 DIGIT COUNTER, VEEDER MFG. 1/2" DIA. GEAR SHAFT; 3/4" DIA. EXTERIOR SHAFT CAN BE GROUND TO 1/2". OVER-UNDER MOUNTING. 2 1/2x1 1/2x4 1/2; BC-1323 COUNTER \$1.00

TELEPHONE JACK STRIPS

#4C4322-25 TEN JACKS 3 CONDUCTOR, CONTACT ARRANGEMENT J-2-1A: \$1.95

#4C4436-92-2 TWENTY JACKS 3 CONDUCTOR, CONTACT ARRANGEMENT J2, NUMBERED 20-39. KELLOG #369 \$2.50

#4C4692-2 TEN JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J2 WECO #92 TYPE139 \$1.95

SELECTOR SWITCH 15 BUTTON, MAKE ONE BREAK ONE, RELAY RELEASES ALL BUTTONS WHEN ACTIVATED, 115 VAC OR 24VDC SIZE: 12x3x7 1/2; WT: 7 LBS. URC#1524115 NEW \$3.95

SIX PUSH BUTTON SWITCH, MAKE & BREAK EA. SIDE, EA. SW. AUTO-RELEASE. SIZE 4x5x3/4 W/TERM. BD. #6105-901-6365 \$3.95

MICRO SWITCHES

SPST, R-RL2, NORMALLY CLOSED ROLLER LEVER ASSEMBLY, 15 A 125/250V. 2x2x5/8 \$1.50

SPDT; 3Z-3R244T4; ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER; 2x1x2 1/2 .30

SPST; WHBT349A-1, NORMALLY OPEN. LEVER PLUNGER. 2"x1"x5/8". .30

SPDT; BZ-2R; ONE SIDE NORMALLY, OTHER CLOSED; PUSH PLUNGER ASSY. W/MOUNT. 2x1x2 .50

HR07-1P SPST NORMALLY OPEN, 115 V 10 A. 3/8" PLUNGER. \$.75

DPDT; MS25008, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. EXTENDED BUTTON PLUNGER. 2 1/2"x2"x1" \$1.50

UXGB-5 SP NORMALLY OPEN, MOUNTED IN HEAVY FRAME. 1" PLUNGER 2 1/2x2 1/2x2 1/2 \$1.00

SPDT; WHBT349B-1; ONE SIDE NORM. OPEN, OTHER CLOSED. LEVER PLUNGER 2x1x2 1/2 .30

SPST; MU SWITCH TYPE D; SPLIT DIE CAST ENCLOSURE 1/2" TAP CONDUIT HUB; 17/8.5A 125/250V. PUSH PLUNGER; 2 1/2x2x1 .75

WZ2RW80-D5 SP NORMALLY CLOSED 3" LEVER. 2x3/4 SW. 60¢

SPST; 2MC3-1A, NORMALLY CLOSED. PIN PLUNGER. 1 5/8"x2 1/2"x2 1/2. .45

SPST; SW-186, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2"x2 1/2"x5/8". .25

SPST; G-R5, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2"x2 1/2"x5/8". .40

SPST; M07-102T, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2"x2 1/2"x5/8". .40

SPST; WZ-RS9, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2"x2 1/2"x5/8". .40

V3 MICRO-TYPE 10 A. 125/230 A.C. SIZE 9/16x1x3/8

V3-21 SPST NORMALLY CLOSED.

V3-23 SPST " OPEN

V3-1 SPST 1/2 S NO 1/2 S NC

V3-21 & 23 35¢ V3-1 50¢

E4-78 MINATURE ELECTRO SNAP 3/8x3/4x1/4 40¢

YZ-3RLTC SPST NO 15 A. AC. LEVER TYPE 2x2x5/8 40¢

THUMB-IT WHEEL WAFER SWITCHES NUMBERED 1 TO 10 CAN BE USED SINGLY OR IN BANKS. EACH SECTION ON SIZE 2 1/2x2 1/2, PRICE EACH SECT. 65¢ #5930-539-6550

BANK OF FIVE AS ILLUSTRATED NOT AVAILABLE

PUSH SWITCHES

FOUR SPST N.O. PUSH-BUTTONS ON 3"x3" CHROMIUM PLATE. TWO COMMONS; TWO BUTTONS PER COMMON. USED. #PSW4-2C, 85¢

SPST NORMALLY OPEN; 3A/250. PSW002 .35

DPST NORMALLY OPEN; 1A/250. PSW004 .35

MICRO-SW. SPDT, 1 1/2" RED BUTTON, 15 A.A.C MTG. HOLES 1 1/2" CENT. 2 1/2x1x1 #71BP2 \$2.00

JPST INTERLOCK, NORMALLY OPEN. (329825/254) PSW006 .35

SPST PULL SWITCH, NORMALLY OPEN. PSW007 .35

SPST NORMALLY CLOSED; CASING AS GROUND; 1/2" SCREWS REQUIRED FOR MOUNT. PSW008 .35

SPST, NORMALLY OPEN PSW010 .35

SPST, PUSH-LEVER SWITCH, 115 VAC 20 AMP; SILVER CONTACTS. P/O 1-199 #1-199-S67 .65

SPST, NORM. OPEN, FITS 5/8" HOLE. J-3-PB .39

3PST PUSH SWITCH, MAKE 3/ BREAK 3. 2 1/2x5/8x3 1/2" DEEP. #PSW-5376, .50

FIVE-PUSH SWITCH 2PST NORM. GL. 1PST NORM. OP. 1PDT. 5x3x1 #PSW5022 \$1.00

SIX-PUSH SWITCH; FIVE ARE SPST NORMALLY OPEN, THE OTHER DPST AND DPDT ON THE OPPOSITE SIDE. 4 1/2"x2 1/2". PSW017 \$1.00

SPST PUSH-LEVER SWITCH. 3 5/8"x2 1/2"x2 1/2". PSW022 .35

MOTOR STARTING SWITCH HEAVY DUTY F/STD. GEM BOX MTG. RED/BLK BUTTONS, 1 NO 1 NC. #5930-548-8953 \$1.50

DPST, MICRO SW. NORM. CLOSE PUSH PLUNGER W/SIDE MOUNT; 1 1/2x1 1/2x1 1/2 CR1070C103 .50

EIGHT PUSH SWITCHES DPST NORM. OPEN AUTO RELEASE. PUSH SW. RELEASES ALL SPST NO.CL. 5x2x1 1/2; #855-151 \$1

CHAFF DISPENSER CONTROL BOX AND 24 VDC 5 DIGIT DECLINING COUNTER 2 DIGITS AT A TIME ALSO 12 POSITION WAFER SWITCH. LESS DIAL LAMPS \$ TOGGLE SWITCH. 6x4x3; 2LBS. \$1.95

SWITCHES

AIRCRAFT TYPE SWITCH TWO HOLE MOUNTING FIG. #1

CIR	CON	RATING	NO	PR
SPST	NEW	5/125	B-15	.65
ABOVE MOMENTARY N/CLOSED				
SPDT	REM	15/125	3022-7	.35
(ABOVE CENTER-OFF, MOM.)				
SPDT	NEW	15/125	B-1B	.30

SPDT REM 5/125 B-7A .55 (CENTER OFF, MOM ONE SIDE)

TOGGLE SWITCHES

TOGGLE SWITCHES SINGLE HOLE MOUNTINGS: CONDITION NEW & "REM" REMOVED FROM EQUIPMENT, ALL GUARANTEED.

CIR	CON	RATING	NO	PR
SPST	REM	8/125	8817K2	.35
(ABOVE SWITCH MOMENTARY)				
SPST	REM	6/125	SW-105N	.30

SPDT	REM	8/125	ST-13D	.25
(10" BOTH SIDES)				
DPST	REM	3/125	7463954	.25
DPST	REM	15/125	ST-50K	.40
DPDT	REM	3/125	SW3125	.30
DPDT	REM	5/125	ST-22R	.35
3PST	NEW	15/125	SW3115	1.00
4PST	REM	15/125	7661K5	1.00

BARKELEW DPDT SWITCH, PICTURED ABOVE, FAR RIGHT. 15 AMP 125 VOLTS AC. WITH FRONT MTG. SIZE: 5x6x1 1/2 WT: 1 LB. UNUSED \$1.50

ROCKER SWITCHES

0319 SPST 39¢ 3 FOR \$1.00

0348 DPDT 59¢ 2 FOR \$1.00

0320 SPDT MOMENTARY BOTH SIDES. 65¢ EA. 2 FOR \$1.20

0347 DPDT MOMENTARY BOTH SIDES. 80¢ EA. 2 FOR \$1.50

PUSH BUTTON SELECTOR

WHITE BUTTONS, 1 THRU 4 SEPARATE CONTACTS, 5, 6, 7 MAKE 2, 3, 4 RESPECTIVELY W/ COMMON. RED BUTTON RELEASES ALL. RATED @ 120/240VAC 8/ SIZE: 4 1/2x1 1/2x2 1/2; WT: 2 LBS. GE#ASP8128-417 UNUSED \$3.75

LEVER SWITCHES

1273 *K-22 *K-1100 RM57416

TELEPHONE TYPE LEVER SWITCH

6 MAKE ONE SIDE-CENTER "OFF" 6 MAKE OTHER SIDE; REMOVED. #HAC4803 \$.60

4 CIRCUIT EA. SIDE NORMALLY OPEN #329818-9.1 50¢ EA.

1 SIDE 8 BREAK 8 MAKE 4 MAKE OTHER 1 BREAK #SW-BC1323 RE-MOVED 60¢

1 SIDE 2 MAKE OTHER SIDE 2 BREAK 2 MAKE SW-EE-2 35¢

TCK#404 GE#P7763503-2 50¢ 1 SIDE DPDT NC & DPST NO.

MINIMUM ORDER \$5.00

PUSH-TO-TEST



PUSH TO TEST INDICATORS WITH MARKINGS ALSO HAVE CLEAR & AMBER LENSES

KORRY 260 PUSH-TO-TEST INDICATORS, DOUBLE LAMPHOLDER WITH MINIATURE BAYONET BASES. 1 1/2" x 2 1/2" x 2 1/2" NEW. CHOOSE FROM THESE LENS INSCRIPTIONS: POWER, AC POWER ON, AMPLIFIER POWER, 28 VDC OR 24 VOLTS DC. \$1 EA, 3/\$2

KORRY 260 INDICATORS WITH ROCKET LAUNCH-RELATED INSCRIPTIONS: LN₂ OVERFLOW; LN₂ LOWER LEVEL; LN₂ UPPER LEVEL; 100% LIQ O₂; LIQ O₂ FINE; 1200 PSI AFT SPHERES; JET PRESSURE; 11°C THERMOSTATS; ERECTOR; IGNITOR; COOLANT VENT VALVE; HYDRAULIC ACTUATOR TEST POWER; LOX VENT VALVE; 750 PSI SUPPLY LOW; STBY HEATER COMMAND; 400 CPS DRIFT TIMER, 75¢ EA. OR 4 FOR \$2.00 ASSORTMENT OF ROCKET LAUNCH INDICATORS, NO CHOICE, 6/\$2

KORRY 136 PUSH-TO-TEST INDICATORS, SINGLE LAMPHOLDER WITH MINIATURE BAYONET BASES. 1 1/2" x 2 1/2" x 2 1/2" D. INSCRIPTIONS: STANDBY; POWER ON; OVERLOAD; LOW; MALF. 65¢ 2/\$1.

KORRY 103 INDICATOR, PUSH-ON RED PLASTIC CAP; PLASTIC BODY. 5/8" SINGLE HOLE MOUNT. #5167, 50¢ EA. 3/\$1.

KORRY 204, DOUBLE LAMPHOLDER WITH MINIATURE BAYONET BASES; 1 1/2" x 2 1/2" x 2 1/2" D. AMBER INSCRIBED; CHECK FULL RPM. UNUSED, 50¢ EA. 3 FOR \$1.

KORRY 261, DOUBLE LAMPHOLDER WITH MIN. BAY. BASES; 1-5/8" x 1 3/16" x 1 1/2" D. COVERS NOT AVAILABLE. 4/\$1.00

PUSH-TO-TEST INDICATOR W/ MINIATURE SCREW BASE. RED 7/16" DIA. JEWEL; MOUNTS IN 1/2" HOLE. 1-5/8" LONG. #VM-500-2, USED, 50¢ EACH.



BULLS EYE PILOT LIGHTS
DULL FINISHED BRASS, BAYONET BASE, AND 0" TO 1/2" SURFACE CLEARANCE. ALL USED. LESS BULBS. PRICE: \$.39 EA

B. PILO01. 7/16" CLEAR JEWEL. SINGLE CONTACT MINIATURE BASE. 2-1/8" x 7/8" D.
D. LH62BY2. 3/8" DIA. AMBER JEWEL. SINGLE CONTACT MINIATURE BASE. 2 1/4" x 1"

GRIMES INDICATOR LIGHT WITH ROUND LENS CAP; RED LENS, SUB-MIN. 28V. BULB INCLD. 7/16" THREADED BASE; SINGLE CONTACT. 2 1/2" x 1 1/2" 6220-333-5827 \$.50



PILOT LIGHT JEWELS

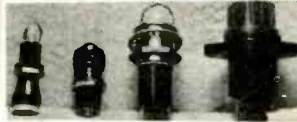
RED, FACETED. 3/8" DIA. JEWEL. SCREWS INTO 1/16" DIA. HOLE OF DESIRED ASSEMBLY. TYPE 81 \$.15 EA.

SMOOTH RED JEWEL 3/8" IN DIAMETER. SCREWS INTO A 3/8" ASSEMBLY. SERIES F \$.15 EA

LARGE 5/8" FACETED AMBER JEWEL. SLIPS OVER BRACKET 7/8" IN DIAMETER. HAS ALSO MOUNTING HOLES FOR 3/32" SCREWS. 2Z5368/1 \$.15 EA

3/8" DIA. WHITE SLIP-IN LAMP CAPS FOR SWITCHBOARDS. (NOT PICTURED) SLIPS INTO 3/8" HOLE. 4C1971 \$.15 EA 100/\$10

SUB-MINIATURE PILOT ASSEMBLY. 5/16" AMBER FACETED JEWEL FIT INTO BRACKET WITH AN OPENING OF 5/16". REQUIRES DOUBLE TERMINAL PLUG-IN OR SOLDER-IN NEON LAMPS. 1" LONG AND 1" HIGH. PILO10 \$.15 EA 8/\$1.00



SUB-MINIATURE NEON PILOT LIGHT ASSEMBLY. FLUTED 5/16" DIA. CLEAR JEWEL. BASE IS FEMALE PART FOR A THREE PRONG PLUG WITH 1/16" DIA. HOLES IN ISOSCELES TRIANGLE PATTERN. MOUNTS IN 3/8" HOLE. 0" TO 3/8" SURFACE CLEARANCE. 1 3/8" LONG. INCLUDES BULB. USED. 110V. PILO07 \$.25 5/\$1.00

SINGLE TERMINAL AND CONTACT SUB-MINIATURE DIMMER PILOT LIGHT. MECHANICAL DIMMER VARIES SIZE TO COMPLETE DARKNESS. REQUIRES T-1 1/2 BULB. 5/16" DIA. SMOOTH RED JEWEL. MOUNTS IN 7/16" HOLE. 1 3/8" LONG. LESS BULB. NEW. 6210-643-4087 \$.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. CLEAR STOVEPIPE, SMOOTH 5/8" DIA. JEWEL. MOUNTS IN 1 1/16" HOLE. SURFACE CLEARANCE IS 0" TO 3/8 2 1/8" LONG. LESS BULB. USED. PILO08 \$.39

ALL PLASTIC PILOT LIGHT. SINGLE CONTACT, MINIATURE SCREW TYPE BASE. RED FLUTED, COVER-LIKE JEWEL 3/8" IN DIAMETER. NEEDS 3/8" HOLE. SURFACE CLEARANCE OF 0" TO 1/2". THERE IS NO ADJUSTING INSTALLATION DEPTH BY A NUT TWO 3/32" SCREWS ARE NEEDED TO ANCHOR LIGHT. 1 1/2" LONG. LESS BULB. USED. PILO09 \$.39



PILOT LIGHT WITH A SINGLE CONTACT, CANELABRA SCREW BASE. LARGE 1" DIA. RED JEWEL FACETED ONLY AT THE EDGE. REQUIRES 1" HOLE AND HAS SURFACE CLEARANCE OF 0" TO 1/2". 2 3/8" LONG. LESS BULB. UNUSED. PILO02 \$.59

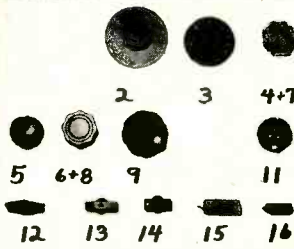
PILOT LIGHT WITH SINGLE CONTACT, CANELABRA SCREW TYPE BASE. 1" DIA. RED-FACETED JEWEL. MOUNTS IN 1" HOLE WITH SURFACE CLEARANCE OF 0" TO 1/2". 2 1/2" LONG. LESS BULB, UNUSED. PILO03 \$.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. 3/8" DIA. SMOOTH. GREEN JEWEL. MOUNTS IN 5/8" HOLE WITH A SURFACE CLEARANCE OF 0" TO 1/2". 2 1/16" LONG. LESS BULB, UNUSED. PILO04 \$.49

LAMP HOLDERS FOR 327 LAMPS 3/8" HOLE MTG. FLAT TOP LENSE 3/8" DEEP, VARIOUS COLORS AND NUMBERS. PLAIN LENSE RED, AMBER, GREEN YELLOW. NUMBERS 1 TO 9 #6210-617-0934 PLAIN \$.45 NO. 35¢ 327 LAMP \$.39

NEON CYLINDRICAL TYPE LITE #3509 115V 100K 3/8x1 1/2" ELDEMA V W/RES. 3/8x1 1/2" #2685 28V .04A 1/4x7/8

OBLONG SLIP IN TYPE NEON 1/2x1-3/8" 125V. #3100 USED ALL ABOVE 3 FOR \$1.00



FLUTED KNOBS

2-3/8" FLUTED KNOB W/3" SKIRT, BRASS INSERT FOR 1/2" SHAFT. GR#9682 \$1.00
2-3/8 FLUTED KNOB W/2-7/8 SEMI SKIRT, INSERT FOR 3/4" SHAFT. GR#9566 \$1.00

1 1/2" DIA. FLUTED KNOB WITH REMOVABLE 3" DIAL WITH MARKING 34L-0-34R. BRASS INSERT FOR 3/16 DIA. SHAFT. KNBN002 \$.25

1" DIA. FLUTED KNOB WITH 2 1/2" NON-LINEAR CALIBRATED DIAL. BRASS INSERT WITH 1/2" DIA. HOLE. KNBN003 \$.25

1-5/8" DIA. FLUTED KNOB W/2" SKIRT; FITS 1/2" SHAFT. URC# S-649, \$1.25 NEW

1 1/2" DIA. FLUTED KNOB WITH SKIRT AND POINTER. BRASS INSERT FOR 1/2" SHAFT. KNBN005 \$.25

1 1/2" FLUTED KNOB WITH BRASS INSERT FOR 1/2" SHAFT. KNBN006 \$.25

1" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR 1/2" SHAFT. KNBN007 \$.25

1" DIA. FLUTED KNOB WITH BRASS INSERT FOR 1/2" SHAFT. KNBN008 \$.25

ALL THE ABOVE KNOBS ARE OF SET SCREW TYPE.

SPIN KNOBS

2" DIA. METAL FLUTED SPIN KNOB FOR 5/32" SHAFT. KNBN009 \$.79

2 1/2" DIA. SPIN KNOB. METAL. TAKES 3/16" SHAFT. #8089 NEW \$2.00

MAKE ANY FLAT KNOB A SPIN 1 1/2" ADAPTER WITH 3 HOLES, TO FASTEN TO YOUR KNOB, WITH SPIN GRIPPER #2Z5816-3 \$1.00

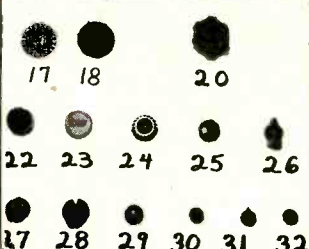
1-5/8" DIA. METAL SPIN KNOB F/3/8" SHAFT. URC#KN02, \$1.50
1 1/2" DIA. FLUTED KNOB W/1 1/2" SKIRT; BRASS INSERT FOR 3/8" SHAFT. URC#KN04, \$.50

1-5/8" DIA. FLUTED KNOB W/2" SKIRT; BRASS INSERT FOR 3/8" SHAFT. URC#KN03, \$.75
2-3/8" DIA. FLUTED KNOB W/3/8" POINTER; FITS 3/8" DIA SHAFT. #LUXITROL, \$1.50

1-5/8" DIA. PLASTIC KNOB WITH 2 1/2" DIA. ALUMINUM SKIRT, CALIBRATED 0 TO 10. BRASS INSERT FOR 1/2" SHAFT. #9414 NEW \$1.50

1-1/8" DIA. FLUTED PLASTIC KNOB WITH 1 1/2" DIA. SKIRT. BRASS INSERT FOR 1/2" SHAFT. #9347 NEW \$.50

1" DIA. PLASTIC KNOB WITH 1 1/2" DIA. SKIRT. CALIBRATED ALPHABETICALLY A, B, ..., Z. SKIRT ALUMINUM. 1/2" HOLE. #5312 NEW \$.50



BAR TYPE KNOBS

BAR TYPE BAKELITE KNOB FOR 1/2" SHAFT. 1 1/2" x 3/4" x 5/8". SET SCREW TYPE. KNBN012 \$.25

BAR TYPE BAKELITE KNOB FOR 3/4" SHAFT WHICH MUST BE TAPED FOR SET SCREW. 1 1/2" x 5/8" x 5/8". KNBN013 \$.25

RECTANGULAR BAR TYPE BAKELITE KNOB 1 1/2" x 3/4" x 5/8". WITH BRASS INSERT FOR 1/2" SHAFT. SET SCREW TYPE. KNBN014 \$.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR 1/2" SHAFT TAPED FOR SET SCREW. 2" x 3/4" x 3/4". KNBN015 2/\$.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR 1/8" SHAFT TAPED FOR SET SCREW. 1 1/2" x 5/8" x 5/8". KNBN016 \$.25

BAKELITE BAR TYPE KNOB 1" x 3/4" x 3/4" ON 1 1/2" REMOVABLE DIAL FOR 1/2" SHAFT. SET SCREW. KNBN017 \$.25

1 1/2" DIA. METAL KNOB FOR 1" SHAFT WITH TWO SET SCREWS. FINGER GRIP KNOB FOR HEAVY SWITCHING APPLICATIONS. KNBN018 2/\$.35

HAMMARLUND DIAL #31227-3 2 1/2" x 1-5/8" KNURLD KNOB WITH SKIRT DIAL MARKED 10-0 SILVER EDGED #E9821 \$1.50

1 1/2" BAKELITE KNOB FOR USE WITH 1/2" SHAFT. USED FOR APPLICATIONS WHERE EXTRA GRIP IS REQUIRED. 1 1/2" HIGH. KNBN020 \$.25 EA. 5/\$1.00

3/4" RIBBED KNOB 7/8" DEEP 1" SKIRT F/1/2" SHAFT DULL BLK. KNBN7820 35¢

5/8" x 3/4" SAME AS ABOVE BRIGHT BLK. KNBN1261 20¢

BAKELITE INSTRUMENT KNOB 1" DIA. 1" HIGH. BRASS INSERT FOR 1/2" SHAFT AND SET SCREW. KNBN022 \$.25

1 1/2" KNOB MARKED "INCREASED OUTPUT" 1 1/2" HOLE WITH SET SCREW. 3/8" THICK. METAL. KNBN023 \$.25

1 1/2" PUSH-ON KNOB FOR 1/2" SHAFT, W/MODIFICATION, BROWN KNBN024 2/\$.25

BROWN BAKELITE 1" DIA. KNOB KNURLD SHAFT OF 1 1/2". 1 1/2" HIGH. KNBN025 2/\$.25

BAKELITE POINTER KNOB WITH BRASS INSERT FOR 1/2" SHAFT. 1 1/2" x 1 1/2" x 1 1/2". KNBN026 \$.25

MATCHED KNOBS, ROUNDED EDGE W/4 SETS OF 4 HASH RIDGES, LOOKS LIKE OLD HAMMARLUND. #E5168 2 1/2" \$3 #E5570 1 1/2" \$2

HALLICRAFTERS, WITH BIG 1 1/2" DIA. ARROW & GRIP BAR. #81014 NEW \$1.00

MINIATURE LAMPS

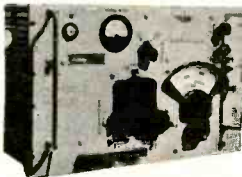
STK#	TYPE	V.	A.	BASE	BULB	EA	PKG.	10
2Z5950	LM-50	2	.25	MIN SC.	G-6	.20		.75
2Z5950	511	2	.25	MIN SC.	G-6	.20		.75
6B521	LM-21	110	400	MED S6C.	G-30	.50		4.00
	(LM-21)	P/O	SIGNAL	LAMP EQUIPMENT	EE-80			
6240-6594	LM-41	110	6W	CAN SC.	#8	.20		1.50
6Z6806.6	TS87	6-8	15CP	CAN/BAY	S-8CL	.35		3.00
2Z5985.2	351	1.3	1	MIN BAY	G3 1/2	.15		1.00
8870-775		150		CAN SC.	6S6 CL	.20		1.00
2Z5954	LM-54	105-125		LEADS	T-2	.20		.75
PR-6	LM-35	2.5	.3	FLASHLIGHT	-2D	.15		1.00
6240-7126		55	5W	MED SC.	S-14	.25		2.00
DE Evry494 (RED)		125	25W	CAN SC.	T-6	.25		2.00
2Z5949	LM-49	28	1.7	MIN BAY	T3 1/2	.25		2.25
6240-3394	356/5	115		DC BAY	T-4 1/2	.25		1.75
	502	5	.15	MIN SC.		.20		.75
PR-10	FLASHLIGHT	6	.5	5D CELLS	E.1.-	.15		1.00
	480	22	.55	MIN SC.	G-6	.30		2.00
2Z5882		18	.11	MIN SC.	T-3 1/2	.20		1.00
6Z6827	LM-30	27		CAN BAY	T-8	.20		1.00
	ME-2	1/17		AMP 2F SLIDE	BASE	.10		.75
	4C5491-K1			K1 SLIDE	BASE	.10		.75
#47 BULBS	6.3 V .15 A.			MIN. BAY.	T-3 1/2	.20		10/\$1.

SEAL BEAM MARINE TYPE 600 WATT 28 VOLT GE Q600 PAR 56/1 SCREW TERMINALS PRICE: \$6.00 EA. WRITE FOR 100 LOT PRICE.

GRIMES LAMP ASSY. #4725-24 WITH 327 GRAIN/WHEAT BULB. 6220-333-5827 59¢ EA. 2 FOR \$1

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FR-5 FREQUENCY METER



FR-5/URM-80 FREQUENCY METER, COVERS 10 TO 100 MHZ IN BANDS OF 10-21.7 MHZ, 21.7-46.7 MHZ, AND 46.7-100 MHZ. USES VARIABLE TUNED INTERPOLATION OSCILLATOR PLUS A FIXED HARMONIC OSCILLATOR TO DETERMINE AN UNKNOWN FREQUENCY. AUDIO OUTPUT: 1 MW INTO 600 OHMS. RF INPUT IMPEDANCE: 100 OHMS. POWER REQUIRED: 115/230 VAC 50-1000 HZ. SIZE: 12 1/2 x 19 x 15, SHPG. WT: 95 LBS. USED, REPARABLE, \$75.00; CHECKED, \$105.00 MANUAL F/FR-5, \$8.50

FR-4/URM-79 FREQUENCY METER, 100 KHZ TO 20 MHZ IN SEVEN BANDS. USES INTERPOLATION OSCILLATOR AND OSCILLOSCOPE (2BP1 CRT) TO HELP DETERMINE UNKNOWN FREQUENCY. POWER REQUIRED: 115/230 VAC 50-1000 HZ. SIZE: 15 x 19 x 18, SHPG. WT: 100 LBS. USED, REPARABLE, \$65.00

AUDIO OSCILLATOR

TS-382* AUDIO OSCILLATOR, 20 HZ TO 20 KHZ IN FOUR BANDS. OUTPUT: 0 TO 10 VOLTS ACROSS 1000 OHMS. WITH BUILT-IN 60 AND 400 HZ REED FREQUENCY METER. SIZE: 10 x 12 1/2 x 18 1/2, SHPG. WT: 50 LBS. NET: 45 LBS. PRICE: USED, REPARABLE, \$49.50. CHECKED, \$65.



TS-382F AUDIO OSCILLATOR, MOST RECENT VERSION TS-382. USED, REPARABLE, \$60. CHECKED, \$75. TRANSIT CASE F/TS-382F, USED, \$10.00.

TS-117/GP WAVEMETER



TS-117/GP WAVEMETER TEST SET DESIGNED FOR FREQUENCY MEASUREMENTS BETWEEN 2400 AND 3400 MHZ. USED TO MEASURE MICROWAVE ANTENNA RADIATION, LOCAL OSCILLATOR FREQUENCIES, RELATIVE FIELD STRENGTH, AND RELATIVE OUTPUT. UNIT HAS A Q FROM 1800 TO 2000. INCLUDES 0-50 U-AMP CRYSTAL CURRENT METER, SENSITIVITY VERNIER, AND FREQUENCY MICROMETER WITH CONVERSION TABLE. WITH ACCESSORIES AS-23 DIRECTIVE ANTENNA, UG-183 CABLE, UG-57 AND UG-131 ADAPTERS AND TRANSIT CASE. USES TYPE N CONNECTORS. SIZE: 5x6x3, SHPG. WT: 15 LBS. USED, COMPLETE, \$34.95; LESS ACCESS., \$24.95

SG-92 SWEEP GENERATOR, 50KHZ-1000MHZ SWEEP RANGE 0-30MHZ MAX. SWEEP RATE 50-100 HZ CAN BE SYNCHRONIZED AT 60 HZ. SWEEP OUTPUT UP TO 20 V. RF OUTPUT IMPEDANCE 50 OHMS. RF OUTPUT HIGH 100MV, LOW 5 MV. USES MICROMETER TYPE FREQUENCY READOUT. TUBES 0D3, 6Y6, 5U4, 6AC7, 6SN7, 6SL7, 2D21, 6C4, 2/2K25. POWER REQUIRED 105-125V 50-60HZ. SIZE 19 1/2 x 9 x 17. SH WT 45 LB USED REPARABLE, GOOD 2K25'S \$60.00 OLDER STYLE OF ABOVE, 10x12x17. SH WT 40 LBS USED REPARABLE, GOOD 2K25'S \$45.00



VOLTMETER-VLF RECEIVER



ML-71C/FCC AUDIO LEVEL METER COVERING FREQUENCIES FROM 20 KHZ TO 500 KHZ, CONTINUOUSLY TUNEABLE. AS SELECTIVE DETECTOR, THIS UNIT MEASURES RF CARRIER ACROSS A 135 OHM BALANCED OR 600 OHM UNBALANCED LINE. VARIABLE ATTENUATOR PROVIDES INPUT SENSITIVITIES FROM -70 TO +42 DBM, INDICATED ON 3 1/2" RD. METER. INCLUDES 100 KHZ CALIBRATOR. INPUT IMPEDANCE: 10,000 OHMS. WITH AUDIO GAIN AND TWO PHONE JACKS. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 17x14x9. SHPG. WT: 40 LB

PRICES: USED REPARABLE \$50.00
OPERATIONAL \$79.50
MANUAL REPRODUCTION \$ 7.50

DISTORTION ANALYZER



HEWLETT-PACKARD DISTORTION ANALYZER MODEL 330BR. WILL GIVE QUICK ACCURATE MEASUREMENTS OF DISTORTION AS LOW AS 0.1% AT ANY FREQ FROM 20 CPS TO 20,000 CPS IT WILL MAKE NOISE MEASUREMENTS OF VOLTAGES AS SMALL AS 100 MICROVOLTS. THE ANALYZER HAS HIGH SENSITIVITY AND HIGH STABILITY. ITS CIRCUIT 20 DB AMPLIFIER, OSCILLOSCOPE TERMINALS, AND PRECISION VACUUM TUBE VOLTMETER WHICH IS USEABLE SEPARATELY. EXCEPTIONALLY USEFUL FOR ALL KINDS OF AUDIO MEASUREMENTS IN RECORDING, BROADCAST, MOTION PICTURE, LABORATORY ETC. SIZE: 8 1/2 x 19 1/2 x 13 1/2 (RACK MOUNT) WT: SHPG. 40 LBS. PRICES: USED REPARABLE \$185. CHECKED \$225.

TS-723-C SPECTRUM ANALYZER, MILITARY VERSION OF HP-330B; USED, REP. \$165. CHECKED, \$210



TV-7/U ELECTRON TUBE TESTER, DYNAMIC MUTUAL CONDUCTANCE TYPE USED TO TEST AND MEASURE THE PERFORMANCE CAPABILITIES & TO DETERMINE THE REJECT-LIMITS FOR TUBES USED IN RECEIVERS, LOW POWER TRANS. AND OTHER TYPES OF ELECTRONIC EQUIPMENT. TESTS ARE MADE FOR DYNAMIC MUTUAL CONDUCTANCE, EMISSIONS, SHORTS, GAS, NOISE, CONT. PILOT LITES ETC. TEST SOCKETS ARE FOR OCTAL, OCTAL, 4, 5, 6, 7 PIN, NORVAL 9, 7 PIN MINIATURE, SUB-MIN. RD. FLAT, ACORN ETC. ADAPTERS FOR OTHER TYPES ARE LISTED BELOW. POWER REQ. 115 V 50 TO 1000 CYC. TUBE DATA CHART ALSO 7 & 9 PIN TUBE PIN STRAIGHTENERS.

SIZE 5 1/2 x 8 1/2 x 15 1/2. WT. 20 LBS
PRICES: USED REPARABLE \$29.95 CHECKED \$39.95
ADAPTERS F/2C39 \$5.829/832 \$5. MIN LG LD \$3

FREQUENCY COMPARATOR

CM-212/USM-144 FREQUENCY COMPARATOR, USED WITH FREQ. COUNTERS TO DETERMINE WITH HIGH ACCURACY FREQUENCIES FROM 10 MHZ TO 12.4 GHZ. MEASURES CW, FM, AND PULSE MODULATED RF SIGNALS. AN UNKNOWN SIGNAL IS FED INTO THE USM-144 AND IS COMPARED TO A MIXED FREQ. GENERATED FROM A STABLE AND CONTINUOUSLY ADJUSTABLE FUNDAMENTAL FREQ. FROM 100 TO 220 MHZ. THE DIFFERENCE IN THE UNKNOWN IS SHOWN ON A 2" DIA. (2BP1) SCOPE. FINAL DETERMINATION OF THE INPUT SIGNAL IS MADE BY THE ZERO BEAT OF THE FUNDAMENTAL FREQ. AND THE MULTIPLYING OF THAT VALUE BY THE APPROPRIATE HARMONIC. POWER REQUIRED: 115 VAC 50-440 HZ. SIZE: 19 1/2 x 13 1/2 x 13 1/2, SHPG. WT: 65 LBS. USED, REPARABLE, \$99.50



USM-144 MANUAL, PARTIAL REPRODUCTION, \$8.50

NOISE GENERATOR



RG-52 MICROWAVE MEGATRON NOISE GENERATOR WITH POWER SUPPLY. USED FOR THE MEASUREMENT OF NOISE FIGURE OR RECEIVER GAIN AND FOR THE CALIBRATION OF STANDARD SIGNAL SOURCES. FLUORESCENT GAS TUBE GIVES 8200 MHZ TO 12400 MHZ FREQUENCY RANGE. HAS THERMOMETER ATTACHED TO AID IN ADJUSTING THE WAVEGUIDE. THE NOISE POWER OUTPUT IS 15.8 DB. WITH AN MOUNTING FLANGE UG-39/U. POWER SUPPLY INPUT 115V. 50-60 HZ. WAVEGUIDE SIZE: 16x5 1/2 x 1 1/2. WT: 2 1/2 LBS. POWER SUPPLY SIZE: 11 1/2 x 7 x 7. WT: 15 LBS. PRICE: WAVEGUIDE W/POWER SUPPLY, UNUSED \$25.

TS-170/ARN-5 TEST OSCILLATOR USED FOR PRE-FLIGHT CHECKING OF GLIDE PATH RECEIVERS SENSITIVITY AND AUDIO CHANNELS. CRYSTAL CONTROLLED ON THREE PRESELECTED FREQ. 332.6, 333.8, 335 MC. MODULATION FREQ. 90 & 150 CYC. METER IS 2" 0-1 DC MILLIAMMETER. BATTERIES REQUIRED 2/1.5 VDC AND 2/45 VDC. WT: 29 LBS. SIZE: 12x16x12; USED \$29.95



TUNED CAVITY

FR-72 TUNED CAVITY PORTABLE RINGING CAVITY USED FOR TESTING POWER OUTPUT AND FREQUENCY SPECTRUM OF RADAR EQUIPMENT. FEATURES SILVER-PLATED RESONANT CAVITY IN WHICH INDUCTANCE AND CAPACITANCE ARE TUNED TO RESONANCE AT THE FREQUENCY MEASURED. COVERS 8500 TO 9000 MHZ. 3 1/2" RD. 0-30 U-AMMETER INDICATES STORED ENERGY; WITH IN-23B CRYSTAL DIODE, UG-446 ADAPTER, AND 8' COAX. POWER OBTAINED FROM UNIT UNDER TEST. SIZE: 16x26 x 14; SHPG. WT: 40 LBS. UNUSED, \$14.95



TS-148 SPECTRUM ANALYZER



TS-148/UP SPECTRUM ANALYZER; 8470 TO 9630 MHZ. PROVIDES VISUAL INDICATION OF RF OSCILLATOR SPECTRA. MAY ALSO BE USED TO MEASURE FREQUENCIES OF RESONANT CAVITIES, ECHO BOXES, MAGNETRONS AND LOCAL OSCILLATORS IN FREQ. RANGE. RECEIVES CW AND PULSED; TRANSMITS CW AND FM CARRIER WAVE. CONTINUOUSLY VARIABLE SWEEP FREQ. FROM 10 TO 30 CYCLES. MAX. SPECTRA DISPERSION 1.5 MHZ PER INCH. SENSITIVITY TO CW (SPECTRUM AMPLIFIED POSITION) -80 DB BELOW 1 WATT/IN. DEFLECTION; SENSITIVITY TO CW (SPECTRUM POS.) 55 DB BELOW 1 WATT/IN. DEFLECTION. ONE MILLIWATT POWER OUTPUT. WITH FREQ. METER, FREQ.-SWEEP RF OSCILLATOR, CRYSTAL MIXER, NARROW BAND I-F

WITH TUBES 2K25, 2X2, 3BP1, 5R4, 6AC7, 6SA7, 6Y6, 3/6SJ7, 3/6SN7, 884 & 4/991. Pow. REQ. 115V 60C
SIZE: 19x13 1/2 x 25; WT: 45 LBS.

TS-148/UP SPECTRUM ANALYZER ONLY USED \$50
AN/UPM-33 CONSISTING OF TS-148/UP DESCRIBED ABOVE, PLUS WAVEGUIDES, HORN ANT, CABLE, MANUAL ETC. USED \$75.00

KLYSTRON POWER SUPPLY



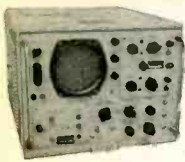
GENERAL MICROWAVE MODEL 303 KLYSTRON POWER SUPPLY; BEAM VOLTAGE VARIABLE FROM -250 TO -400 VOLTS AT 30 TO 50 MA. MAXIMUM. REFLECTOR VOLTAGE VARIABLE FROM 0 TO -900 VOLTS @ 10 UA. REFLECTOR VOLTAGE INTERNALLY MODULATED AT 1000 HZ SQUARE WAVES ADJUSTABLE UP TO 110 VOLTS PEAK TO PEAK. EXTERNAL MODULATION VIA FRONT PANEL TERMINAL, 100,000 OHM IMPEDANCE. SINUSOIDAL POWERLINE FREQUENCY, VARIABLE FROM 0 TO 350 VOLTS PEAK TO PEAK. POWER REQUIRED: 115 VAC 50/60 HZ. SIZE: 11 1/2 x 13 x 7 1/2 SHPG. WT: 25 LBS. WITH MANUAL (NO SCHEMATIC). PRICE: UNUSED \$45.00

REFERENCE GENERATOR

SG-323/TSM REFERENCE SIGNAL GENERATOR, USED IN DATA COMMAND SYSTEMS OF FLIGHT COMPUTERS. HAS 69 DIODE-TRANSISTOR LOGIC CARDS WHICH IN TOTAL CONTAIN OVER 300 2N404 TRANSISTORS. ALSO 32 DATA ENTRY SWITCHES PLUS SWITCHING FOR 16 PRESET MESSAGES. A AND B CHANNELS HAVE ODD-EVEN SELECTORS; EIGHT ADDRESS SWITCHES PER CHANNEL. TEST DISPLAY HAS INDICATOR LIGHTS NUMBERED 1, 2, 4, 8, 16, 32, & 64. OPERATING MODES: EXT AUTO, INT AUTO, AND MAN. MANUAL MODE SELECTION: 5 KC, NORMAL, OR ONE SHOT. IN ALL, 67 MINIATURE TOGGLE SWITCHES (MOSTLY SPDT) ARE USED. RCA MFG. POWER INPUT NOT KNOWN. SOLD AS "RECEIVED FROM GOVT. NOT CHECKED FOR OPERATION." SIZE: 19x7 1/2 x 16 1/2; SHPG. WT: 65 LBS. USED. PRICE: W/CABINET, \$55.00; LESS CABINET, \$50.



DUAL-TRACE PRICE-CUTS



AN/USM-140C OSCILLOSCOPE, DC TO 30 MHz MAINFRAME, SIMILAR TO H-P 170A. INCLUDES MX-2930 DUAL-TRACE VERTICAL PLUG-IN WITH DC TO 22 MHz PASSBAND. INPUT IMPEDANCE: 1 MEG-OHM SHUNTED BY 30 PF. INPUT SENSITIVITY: 0.02 VOLT/CM TO 20 V./CM. FUNCTIONS: CHANNEL

A, CHOPPED, A-B, AND ALTERNATE. HORIZONTAL MX-3078 PLUG-IN SWEEP RATE: 0.1 U-SEC/CM TO 5 SEC/CM. HORIZ. SENSITIVITY: 0.1 V/CM TO 10 V/CM. MAGNIFIER X1 TO X100 IN SEVEN STEPS. CALIBRATOR: 0.2 MV TO 100 V. IN NINE RANGES. POWER REQUIRED: 115/230 VAC 50-1000 HZ. SIZE: 14x19x22; SHPG. WT: 110 LBS. PRICE: USED, REPARABLE, \$195. CHECKED, \$295.

AN/USM-105A SCOPE WITH DUAL-TRACE PLUG-IN, SAME AS USM-140 EXCEPT DC TO 15 MHz RESPONSE. PRICE: USED, REPARABLE, \$135. CHECKED, \$195.

HEWLETT-PACKARD

H-P 202A LOW FREQUENCY FUNCTION GENERATOR; TRANSIENT FREE VOLTAGES OVER 0.008 HZ TO 1200 HZ IN FIVE RANGES. SINE, SQUARE, AND TRIANGULAR WAVE FORMS. 20x12x14; SHPG. WT: 50 LBS. PRICE: USED, REPARABLE, \$50. MANUAL, \$7.50



H-P 212A PULSE GENERATOR; PULSE LENGTH VARIABLE FROM 0.07 TO 10 U-SEC; RISE AND DECAY TIME EACH 20 N-SEC. 50 WATTS PEAK OUTPUT. 20x12x14; SHPG. WT: 60 LBS. PRICE: USED, REPARABLE, \$60.00; H-P 212A, RACKMOUNT STYLE, USED, REP, \$50.00



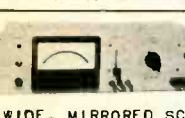
H-P 540A TRANSFER OSCILLATOR, 10 MHz TO 5 GHz WHEN USED WITH COUNTER IN 100 TO 200 MHz FREQ. RANGE. USES 2BP1 CRT TO TUNE-IN HARMONIC FREQUENCIES; CRT MAY HAVE TRACE BURNS. RACKMOUNT LESS COVERS. SIZE: 19x10x14; SHPG. WT: 47 LBS. USED, REPARABLE, \$85.00; H-P 540A, IN CABINET, USED, REPARABLE, \$95.00



H-P 522B ELECTRONIC DECADE COUNTER, 10 Hz TO 120 KHz FREQ. RANGE; PERIOD: .00001 HZ TO 10 KHz. TIME INTERVAL: 10 U-SEC TO 100K SEC. RACKMOUNT, 19x10x13; SHPG WT: 60 LBS. USED, REP, \$60. MANUAL, \$8.50



H-P TEST EQUIPMENT; ALL USED, REPARABLE.
H-P 400L, -LR LOGARITHMIC VTVM, 0.001 THRU 300 VAC RANGES; F/DB MEASUREMENT \$95.
H-P 500BR FREQUENCY METER, 3 HZ-100 KHz, \$60.
H-P 712A POWER SUPPLY, 0-500 VDC 200 MA REGULATED; 6 VAC-T 10 A UNREGULATED. \$75.
H-P 684C SWEEP OSCILLATOR, 4-8.1 GHz, \$250.
H-P (DYMEC) 2210 VOLTS-TO-FREQ. CONVERT, \$35.
H-P 1411A SAMPLING PLUG-IN, DC-4 GHz, \$125.
H-P 1781B SWEEP DELAY PLUG-IN, \$60.



H-P 412AR DC VOLTMETER; INDICATES 1 MV TO 1000 VOLTS DC IN 13 RANGES. ALSO 1 U-A TO 1.0 AMP AND 1 OHM TO 100 MEGOHMS. HAS WIDE, MIRRORED SCALE AND A DESIGNED ACCURACY OF 1% ON THE VOLTS SCALE. RACKMOUNT STYLE. SIZE: 19x5x7; SHPG. WT: 25 LBS. PRICE: USED, REPARABLE, \$100. CHECKED, \$125.
H-P 412A DC VOLTMETER, CABINET STYLE OF THE "AR", USED, REPARABLE, \$105. CHECKED, \$130.



H-P 430C MICROWAVE POWER METER DESIGNED FOR FREQUENCIES UP TO 40 GHz, BUT SUITABLE FOR RF MEASUREMENTS AS LOW AS 10 MHz WITH PROPER BOLOMETER (NOT AVAILABLE). ALLOWS FOR POWER READINGS FROM 0.1 TO 10 MW; -20 TO +10 DBM. SEE APRIL 1977 HAM RADIO FOR AMATEUR USAGES OF THIS METER. POWER REQUIRED: 115/230 VAC 50-1000 HZ. SIZE: 7x11x14; SHPG. WT: 20 LB. PRICE: USED, REPARABLE, LESS BOLOMETER, \$40.

TEKTRONIX CA PLUG-IN



TEKTRONIX TYPE CA DUAL-TRACE PLUG-IN, USED IN TEKTRONIX 530 540, AND 550-SERIES SCOPES AND IN SIMILAR SCOPES BY OTHER MANUFACTURERS. FREQ. RESPONSE: DC TO 24 MHz; 15 N-SEC RISE-TIME. SHPG. WT: 9 LBS. PRICE: USED, CHECKED, P.U.R.* TEK TYPE 53/54K DUAL-TRACE, OLDER VERSION OF THE CA, USED, CHKD., \$100.

OTHER TEKTRONIX-TYPE OSCILLOSCOPE PLUG-IN VERTICAL AMPS. SOLD IN USED, REPARABLE CONDITION. ADD \$10.00 FOR TEKTRONIX MANUFACTURED UNIT UNLESS OTHERWISE NOTED.
TEK TYPE 53/54B, WIDE-BAND, HIGH-GAIN, \$45.
TYPE D, HIGH-GAIN, DC DIFFERENTIAL, 40.
TYPE E, LOW LEVEL, AC DIFFERENTIAL, 45.
TEK TYPE G, WIDE-BAND, DC DIFFERENTIAL, 45.
TEK TYPE 53/54K, FAST-RISE, 50.
TEK TYPE L, FAST-RISE, HIGH-GAIN, 75.
TEK TYPE O, OPERATIONAL AMP, 175.
TEK TYPE P, SAMPLE TEST, 35.
TEK TYPE 80, VERT. COUPLING FOR 580's, 25.
TEK 105 SQUARE-WAVE GEN., 25 Hz-1 MHz, 65.
TEK 107 SQUARE-WAVE GENERATOR, .4-1 MHz, 35.

SCOPE CLEARANCE

OSCILLOSCOPE CLEARANCE; EACH SOLD IN USED REPARABLE CONDITION WITH A GOOD CRT TRACE. PLUG-IN TYPE SCOPES INCLUDE YOUR CHOICE OF 530, 540 SERIES SCOPES INCLUDE CHOICE OF G, 53/54K, P, OR 80. ADD \$10.00 FOR LAVOIE TYPE L PLUG-IN. QUANTITIES ARE LIMITED.

TEK 315D, DC TO 5 MHz, 3" CRT, \$165.00
514D, DC TO 10 MHz, 95.00
524D, TELEVISION SCOPE, DC TO 10 MHz. SWEEP DELAY, 110.00
524AD, TELEVISION SCOPE, NEWER VERSION W/DELAY, MARKERS, 195.00
532, DC TO 5 MHz, PLUG-IN TYPE, 195.00
535A, DC TO 15 MHz, SWEEP DELAY, USES LETTER PLUG-INS, 295.00
CHECKED, 395.00
545, DC TO 30 MHz, SWEEP DELAY, PLUG-IN TYPE, \$350.00
CHECKED \$425.00
545A, DC TO 30 MHz, SWEEP DELAY, W/TEK L PLUG-IN, CHECKED, 525.00
555, DC TO 30 MHz DUAL BEAM SCOPE W/TYPE 21 AND 22 TIME BASES AND POWER SUPPLY; LETTER PLUG-INS IN VERT., \$595.00
RM565, DC TO 10 MHz DUAL BEAM SCOPE, REQUIRES "2" AND "3" SERIES PLUG-INS IN VERT., \$375.00
RM567, DIGITAL READOUT SCOPE W/TYPE 6R1 DISPLAY; REQUIRES TYPE 3S76 AND 3T77 VERT. AMPS (NOT AVAILABLE), \$425.00
570 ELECTRON TUBE CURVE TRACER 275.00

OS-106/USM-117 TRANSISTORIZED SCOPE, DC TO 5 MHz. WITH MX-2996 HIGH-GAIN VERTICAL PLUG-IN, 4QP2 CRT, PROBES, AND COVER. SIZE: 8x9x16; SH WT: 28 LBS. USED, EXC., P.U.R.*

HICKOK 1805 SCOPE, SIMILAR TO TEK 535; WITH CHOICE OF PLUG-IN, \$225.00; CHECKED, \$320.00

LAVOIE LA-545 SCOPE, SIMILAR TO TEK 545; W/CHOICE OF PLUG-IN, \$250.00; CHECKED, \$350.00

ANALAB 1100R DUAL CHANNEL SCOPE WITH MODEL 700 PLUG-IN. DC-500 KHz, RACKMOUNT, \$100.00

HEWLETT-PACKARD 120A SCOPE, DC TO 200 KHz, 5" DISPLAY. REPARABLE, \$95.00; CHECKED, \$125

LUMATRON 120 SAMPLING SCOPE; DC TO 1 GHz, 350 PS RISETIME; DUAL-TRACE. USED, REP, \$295

H-P 175A SCOPE, W/1780A HORIZ. AND 1752B HIGH GAIN VERT. AMPS. DC TO 50 MHz; DUAL TRACE CAPABILITIES. USED, REPARABLE, \$425.00

H-P 185B SAMPLING SCOPE WITH 187B DUAL TRACE VERT. AMP; DC TO 1000 MHz. REPARABLE, \$495.

DUMONT 401 SCOPE, DC TO 500 KHz, CHKD., \$100.

DUMONT 304 SCOPE, DC TO 100 KHz. CHKD., \$85.

GREIBACH INSTRUMENTS

GREIBACH Z300 ZENER IMPEDANCE METER; COVERS THE FOLLOWING VOLTAGE RANGES: 0-40, 40-80, 80-120, 120-160M 160-200, AND 200-240. ZENER WATTAGE RANGE: 0-5, 5-10, AND 10-20 WATTS. FUNCTION SELECTOR/SCALER FOR 1 (x1, x10, x100); 1 (x1, x10) AND 2 (x100, x10, x1). INSTRUCTIONS AND SCHEMATIC NOT AVAILABLE. POWER REQUIRED: 115 VAC 60 Hz. SIZE: 7-5/8x10x8; SHPG. WT: 17 LBS. UNUSED, NOT CHECKED, \$45.



GREIBACH INSTRUMENTS MODEL V210 TRANSIENT VOLTAGE INDICATOR WITH SCALES 100 V., 300 V., 1000 V., AND 3000 V. VOLTAGE STANDARD IS SET ON 4" WIDE METER (FS-50 U-A) AND EACH INSTANCE IN WHICH THE STANDARD IS EXCEEDED IS COUNTED A SIX DIGIT COUNTER. INCLUDES HIGH VOLTAGE PROBE. POWER REQUIRED: 115 VAC 60 Hz AND FIVE "D" CELL BATTERIES (NOT INCLUDED). 10x7x8; 14 LBS. PRICE: UNUSED, NOT CHECKED, \$60.



GREIBACH MODEL V200 TRANSIENT VOLTAGE INDICATOR, SIMILAR TO MODEL V210, EXCEPT DOES NOT COUNT TRANSIENT VOLTAGE. IN ALUMINUM TRANSIT CASE W/HIGH VOLTAGE PROBE. POWER REQUIRED: 115 VAC 60 Hz AND FIVE "D" CELLS (NOT INCLUDED). SIZE: 6x9x5; 11 LBS. UNUSED, \$35.



100 MHZ OSCILLOSCOPE

TEKTRONIX R647A MODIFIED OSCILLOSCOPE FEATURING DC TO 100 MHz FREQUENCY RESPONSE, DUAL-TRACE CAPABILITIES, AND SOLID-STATE CIRCUITRY. UNIT INCLUDES THE TYPE 10A2A DUAL-TRACE AMPLIFIER AND THE TYPE 11B1 TIME BASE MODULES. AMPLITUDE CALIBRATOR GOES FROM 0.2 MV TO 100 VOLTS IN 18 STEPS. THIS SCOPE WITH ITS 14 KV ACCELERATING POTENTIAL ON THE CRT HAS HIGH WRITING SPEED AND IS CONSTRUCTED FOR RUGGED AND SEVERE ENVIRONMENTS. POWER REQUIRED: 90 TO 136 VAC AND FROM 180 TO 272 VAC IN SIX SWITCHABLE RANGES, 45-440 HZ. SIZE: 8x19x19, SHPG. WT: 75 LBS. NOTE: THE MODIFICATION ON THE R647A'S WHICH WE OFFER APPEARS TO BE THE VERTICAL ORIENTATION OF THE 6x10 CM. DISPLAY AS PICTURED ABOVE. THESE UNITS ARE SOLD AS REMOVED FROM SERVICE, LESS THE DISPLAY BEZEL, OPERABLE ON MOST MAJOR FUNCTIONS, BUT NOT LAB CALIBRATED. PRICE: TEK R647A MOD. SCOPE, USED, \$750.00



FRONT PANEL MODIFICATION KIT FOR THE ABOVE TEK R647A TO RE-SET IT FOR A HORIZONTAL TRACE RUN. INCLUDES NEW FRONT PANEL, BEZEL, GRATICULE, AND OTHER PARTS. WRITE FOR MORE INFO.

AN/USM-50 OSCILLOSCOPE WITH 3ADP1 CATHODE RAY TUBE AND 15 MHz BANDWIDTH, RISETIME FROM 0.022 U-SEC TO 30,000 U-SEC. SWEEP TIME CONTINUOUSLY ADJUSTABLE FROM 0.17 TO 37,500 U-SEC WITH SWEEP DELAY THAT ALLOWS 10% OF SWEEP LENGTH TO BE EXPANDED 10 TIMES FOR SWEEPS GREATER THAN 5 U-SEC. TRIGGER PULSE FROM 10 TO 10,000 HZ WITH 0.15 U-SEC RISETIME. TIMING MARKERS SYNCHD AT 0.2, 1, 5, 20, 100 500 AND 2000 U-SEC. VERTICAL INPUT IMPEDANCE: 1 MEGOHM SHUNTED BY 40 UUF FOR ALL ATTENUATOR POSITIONS HORIZONTAL IMPED: 1 MEGOHM SHUNTED BY 30 UUF INPUT VOLTAGE: 0.03 TO 90 VOLTS PEAK INPUT SENSITIVITY: 10 MV/CM-RMS CALIBRATION: 1 KHz ADJUSTABLE 20 TO 200 uV. EXTERNAL CONNECTIONS POSSIBLE TO BOTH THE VERTICAL PLATE AND THE HORIZONTAL AMPLIFIER. POWER REQUIRED: 115 VAC 50 TO 1000 HZ SIZE: 15x19x16; WT: 80 LBS. LESS PROBES PRICE: USED, REPARABLE \$75.00 USED, CHECKED \$100.00



TRANSISTORIZED SCOPE



HFE T4214A TRANSISTORIZED OSCILLOSCOPE; ENGLISH MANUFACTURED SCOPE USES PRINTED CIRCUIT CARDS FOR THE PRE-AMP, SIGNAL DEFLECTION AMP, TIME BASE, INTENSITY MOD, AND SWEEP AMP. PROVISIONS ALSO FOR SIGNAL DELAY, TRIGGER PICK-OFF, AND TRIGGER DELAY PC CARDS (NOT AVAILABLE). ESTIMATED FREQUENCY RESPONSE: 300 KHZ LIMITED BY DEFLECTION AMP. USES 5LCP11 CRT; SWEEP IS FROM TOP TO BOTTOM BUT CAN BE CHANGED TO LEFT TO RIGHT. INCLUDES CONTROLS: FOCUS, BRIGHTNESS, ASTIG., SIGNAL SHIFT, INPUT ATTENUATOR (0.1 TO 10 V./DIV. IN 7-STEP); TIME BASE (1 U-SEC TO 10 M-SEC IN 5-STEP); MULTIPLIER X.5, X1, AND X2; TIME BASE SHIFT, TIME BASE DEFLECTION (EXT/INT); TRIGGER LEVEL; AND FREE RUN/ SINGLE SHOT. SLIGHTLY BENT FRAME; LESS CASE AND POWER PLUG. POWER REQUIRED: 115 VAC 60 HZ OR 12 VDC 1 AMP. SIZE: 9x17x25, SHPG. WT: 60 LBS. PRICE: USED, REPARABLE \$50.00

TELETYPEWRITER SCOPE



TDA-2N TS-1060 TELETYPEWRITER TEST SCOPE, MEASURES BIAS AND DISTORTION OF START-STOP AND SYNCHRONOUS TELEGRAPH SIGNAL ON A 3" CRT. INPUT SPEEDS APPROX. 60 WPM (5 UNIT CODE), 60, 75, 100 WPM 7.42 CODE, AND BAUD SPEED EQUIVALENTS TO 60, 75, 100 WPM (10.42 UNIT CODE). INPUT IMP. 100 OHMS FOR 60MA NEUTRAL; 300 OHMS FOR 20MA NEUTRAL AND 30MA POLAR. MEASUREMENT RANGE 0-50% MARKING, OR SPACING BIAS AND DISTORTION. TUBES: 3HP1, 5651, 0A2, 3/12AT7, 6X4, 0B2, 3/5963, 5726. POWER REQUIRED 115/230V 60HZ. 8x8x15 SH WT 24 LBS. USED GOOD TRANS, CRT \$34.95

ME-9 MULTIMETER



ME-9/TS-352 MULTIMETER, PORTABLE GENERAL PURPOSE VOM. 1000 OHMS/VOLT AC-DC SENSITIVITY OR 20,000 OHMS/V. SENS. DC ONLY. MEASURES AC-DC VOLTS FROM 2.5 TO 1000 V. IN SIX RANGES. DC AMPS FROM 250 U-AMPS TO 10 AMPS IN EIGHT SCALES; OHMS FROM XI TO XI0K. WITH 4" METER (FS=50 UA); JACK FOR 5000 VDC @ 20,000 OHMS/V.; AND TEST LEADS. REQUIRES THREE 4 1/2 VDC AND ONE 1/2 VDC BATTERIES (NOT AVAILABLE). SIZE: 11x8x6; SHPG. WT: 17 LBS. USED. PRICE: REPARABLE, \$29.95; CHECKED, \$39.95

TS-375/U VACUUM TUBE VOLTMETER, AC VOLTS RANGES FROM 1.2 TO 120 VAC IN SIX STEPS; DC VOLTS FROM 1.2 TO 300 VDC. FREQUENCY RESPONSE FROM PANEL TERMINALS: 40 HZ TO 50 KHZ; OR 10 KHZ TO 150 MHZ USING PROBES. WITH BOTH AC AND DC PROBES. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 10x10x6; SHPG. WT: 23 LBS. USED. PRICE: REPARABLE, \$18.95; CHECKED, \$34.95



FLUKE 803R DC-AC DIFFERENTIAL VOLTMETER, MEASURE 0-50D VOLTS DC OR AC. DECADE-TYPE NULL RANGE SELECTOR: 10, 1, .1, OR .01 DC-AC. CONVERTER FREQ.: 30-50 HZ. 115 VAC 60 HZ. USED, REP., \$50.00

AUDIO LEVEL METER

DAVEN TR-924C AUDIO LEVEL METER; AS TERMINATING INSTRUMENT, IT INDICATES -40 TO +20 DB; -20 TO +20 DB WHEN BRIDGING. INPUT IMPEDANCE: 600 OHMS BALANCED (TERM.) OR 12,500 OHMS (BRIDGE). FREQ. RESPONSE: 50-10,000 HZ @ ±0.1 DB; 20 TO 20,000 HZ @ -2.0 TO 0.5 DB. TRANSISTORIZED. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 19x5 1/2 x 7 1/2, SHPG. WT: 23 LBS. PRICE: USED, \$50.00



DIGITAL COUNTER

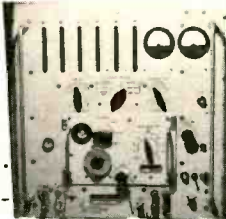
NORTHEASTERN ENGINEERING MODEL 14-20C FREQUENCY COUNTER WITH 8-PLACE NIXIE DIGITAL DISPLAY. FREQUENCY RANGE 10 HZ TO 10.1 MHZ WHICH CAN BE EXTENDED TO 1000 MHZ WITH THE PROPER PLUG-IN FREQUENCY CONVERTER. TIME PERIOD: 10 U-SEC TO 1.0 MILLION SEC. INPUT IMPEDANCE: 1 MEG-OHM SHUNTED BY 40 UUF.



ALSO COUNTER DESIGNED TO BE USED AS A SECONDARY FREQUENCY STANDARD FROM 10 MHZ TO 0.1 HZ WITH A CRYSTAL-CONTROLLED 1 MHZ OSCILLATOR. HOWEVER, THE 1 MHZ OSCILLATOR IS NOT AVAILABLE. COUNTER USES PLUG-IN UNITS INTERCHANGEABLE WITH FR-38 AND HEWLETT-PACKARD 524 SERIES COUNTERS. PLUG-INS SOLD SEPARATELY. POWER REQUIRED: 115 V. 50-400 HZ SIZE: 19 1/2 x 19 x 17 1/2 SHPG. WT: 110 LBS. PRICE: USED, LESS 1 MHZ OSCILLATOR, \$95.00

HP-524B COUNTER, 6 DECADE READOUT, SIMILAR TO FR-38, USES SAME PLUG-INS AS OTHER COUNTERS, PLUG-INS LISTED BELOW. PRICES: USED, REPARABLE \$150 CHECKED \$225.00

FR-38 FREQUENCY METER AND COUNTER; GENERAL PURPOSE UNIT SIMILAR TO HEWLETT-PACKARD 524B. USED TO MEASURE FREQUENCY AND TIME INTERVALS. FREQ. RANGE: 10 HZ. TO 10 MHZ; CAN BE EXTENDED WITH PROPER PLUG-INS TO 510 MHZ. TIME INTERVAL: .001 SEC TO 10 SEC. CAN BE EXTENDED FROM 1.0 U-SEC TO 100 DAYS WITH PROPER PLUG-IN. FR-38 CONSISTS OF A SIGNAL GATE, A TIME BASE SECTION, A GATE SECTION AND 6-DECADE COUNTER. RECEIVES CW OR PULSED. ACCURACY @ 1 TO 3000 HZ .03%; @ 3000 HZ TO 10 KHZ .001%. POWER REQUIRED: 115V AC 50 - 1000 HZ. SIZE: 19 1/2 x 19 x 18 1/2 WT: 125 LBS. PRICE: USED, REPARABLE \$125.00 CHECKED \$175.



COUNTER PLUG-INS FOR HP-524 SERIES OR SIMILAR TYPE COUNTER. USED, REPARABLE.
HP-525A 10-100 MHZ, \$60.
HP-525B 100-200 " , \$75.
HP-525C 100-500 " , \$35.
HP-526A VIDEO AMP, \$40.
HP-526B TIME INTERVAL, \$35.00
HP-526C PERIOD MULTIPLIER, \$40.00
TRANSIT CASES F/525-526 PLUG-INS. STEEL (11x 8x8), \$5.00. FIBERGLASS (14 1/2 x 9 1/2 x 9), \$10.00



BECKMAN COUNTERS

BECKMAN 7360 UNIVERSAL E/PUT METER AND TIMER, INDICATES E/PUT, PERIOD, AND TIME. DC TO 1 MHZ RESPONSE; PERIOD: 1 U-SEC TO 10 SEC. SEVEN DECADES. 22x10x15; SHPG. WT: 65 LBS. USED, REP., \$50.
7370 UNIVERSAL E/PUT METER, SIMILAR TO 7360 EXCEPT DC TO 11.5 MHZ. USED, REPARABLE, \$75.
7175N FREQUENCY METER, 10 HZ TO 110 MHZ, 8-DECADES. 10x19x15, 50 LBS. USED, REP., \$100.



NON-LINEAR SYSTEMS DIGITAL DC VOLTMETERS WITH RATCHET-TYPE 1 1/2" HIGH READOUTS; AC POWERED. USED, REPARABLE.
MODEL 481 9.999 TO 499.9 VDC, \$35.00
484A 9.999 TO 999.9 VDC, AUTO, 45.00
64 0.001 TO 499.9 VDC, SCALER, 40.00
V64 0.001 TO 999.9 VDC, " , 55.00
V35B 0.0001-999.99 VDC, TRANSISTOR, \$85.



AD-YU 405 PRECISION PHASE METER, INDICATES PHASE ANGLE IN RANGES: 0-12° 0-36°, 0-90°, AND 0-180°. FREQ. RANGE 8 HZ TO 40 KHZ AND UP TO 100 KHZ. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 20x12x10 1/2, WT: 30 LBS. REPARABLE, \$65.

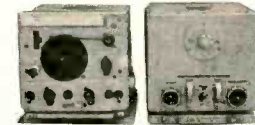


FREQUENCY METERS



AN/URM-32 FREQUENCY METER: 125 KC TO 1000 MC IN THREE RANGES, CAN ALSO BE USED AS A SIGNAL GENERATOR WHICH PROVIDES A CHOICE OF MODULATED OR UNMODULATED SIGNALS FOR TESTING AND CALIBRATING RADIO EQUIPMENT. SENSITIVITY WITH AN RF OUTPUT OF .05 MW MINIMUM IS OBTAINED. ACCURACY .01%, RF 100 UV MINIMUM ACROSS EXTERNAL 50 OHM RESISTIVE LOAD. FIVE TUBE HETERODYNE TYPE, POWER REQ. 6 VDC 1 AMP. 180 VDC 25 MA., DRY BATTERY OR AC SUPPLY CAN BE USED. METER IS USED TO READ P.S. VOLTAGES. W/CALIBRATION BOOK SIZE: 13 1/2 x 12 x 1 3/4; WT: 29 LBS.

PRICE: USED, CHECKED, \$125.00; URM-32 WITH 115 V. 60 HZ. POWER SUPPLY, \$150.00



LM-21 FREQUENCY METER WITH AC POWER SUPPLY; CRYSTAL CALIBRATED UNIT COVERS 125 TO 20,000 KHZ IN TWO BANDS.

DESIGN ACCURACY BETTER THAN .02%. AM MODULATION 40% AT 500 HZ. OUTPUT VOLTAGE 250 U-VOLTS MIN. OUTPUT IMPEDANCE 600 OHMS. WITH CALIBRATION BOOK. POWER REQUIRED: 115 VAC 60 HZ.

FREQUENCY METER SIZE: 8 1/2 x 8 x 8 1/2; WT: 14 LBS.
POWER SUPPLY SIZE: 8 1/2 x 8 x 8; WT: 15 LBS.
PRICES: USED, COMPLETE, \$24.95; CHECKED, \$50.
POWER INPUT CONN. F/LM-21 EACH 2.00
POWER SUPPLY " 2 REQUIRED " 2.00
SHOCKMOUNT \$2.50 MANUAL 7.50

BC-221 FREQUENCY METER, 125 TO 20,000 KHZ; REQUIRES 6 VDC 0.9 AMP AND 135 VDC 20 MA. SIZE: 10x13 1/2 x 10; SHPG. WT: 30 LBS. USED, REPARABLE, \$60.00; CHECKED, \$70.00
USED, REP. LESS CALIBRATION BOOK, \$45.00

TS-323 FREQUENCY METER, 20 TO 480 MHZ; REQUIRES 6 VDC AND 45 VDC. 15x12x10; 35 LBS. USED, REPARABLE, \$60.00; CHECKED, \$65.00

115 VAC 60 HZ POWER SUPPLY FOR EITHER BC-221 OR TS-323 (SPECIFY); OUR CONSTRUCTION, \$25.

COMMERCIAL TEST EQUIP

USED, REPARABLE CONDITION. IF NOT SATISFIED, EQUIPMENT MAY BE RETURNED WITHIN 10 DAYS OF RECEIPT AND THE PURCHASE PRICE WILL BE REFUNDED. QUANTITIES ARE LIMITED.

BALLENTINE 220A DECADE AMP, \$25.
BALLENTINE 300 VTM, 1 MV TO 100 VAC, \$25.
BALLENTINE 305 VTM, 1 MV TO 1000 VAC, \$45.
BOONTON 202-J TELEMETRY SIGNAL GENERATOR, 195-270 MHZ AM-FM, \$475.
BOONTON 207E INVERTER F/202B SIGNAL GENERATOR; ADDS 100 KHZ-50 MHZ RANGE, \$65.
BOONTON 207H INVERTER F/202H, -J, \$110.
BOONTON 240A SWEEP GENERATOR, AM-FM, \$225.
BOONTON 275A TRANSISTOR TESTER, \$195.
GENERAL RADIO 546-C MICROVOLTER, \$60.
GENERAL RADIO 716-C SI CAP. BRIDGE, \$125.
GENERAL RADIO 740B CAP. BRIDGE, \$75.
GENERAL RADIO 1001-A STANDARD SIGNAL GENERATOR, 5 KHZ TO 50 MHZ AM, \$195.
GENERAL RADIO 1304B BEAT-FREQ. AUDIO, \$125.
GENERAL RADIO 1932A DISTORTION ANALZ, \$165.
KAY RADA-PULSER SR. PULSE GEN. 12-80 MHZ, \$45
MARCONI TF-971D FM DEVIATION METER, \$525.
MEASUREMENTS MODEL 80 SIGNAL GENERATOR 2.0 TO 400 MHZ AM, P.U.R.
NEW LONDON 252 AM MODULATION METER, \$75.
RUTHERFORD B16 PULSE GEN., TRANSISTOR, \$125.
SIERRA 215A-50 VHF POWER SOURCE, 25 TO 50 MHZ, 175 MA PLATE CURRENT, \$195.
SIERRA 215A-150 VHF POWER SOURCE, 50 TO 150 MHZ, 175 MA PLATE CURRENT, \$225.
TSI 361-R UNIVERSAL COUNTER; 10 HZ TO 2.5 MHZ, DUAL CHANNEL, TIME INTERVAL. TRANSISTORIZED; 3 1/2 x 19 x 16, 27 LBS, SHPG, \$175.
AG3 AUDIO GENERATOR, 35 HZ TO 35 KHZ, \$40.
SANBORN 150 SERIES CHART RECORDER COMPONENTS; DC AMPLIFIERS, PRINTERS, CABINETS, ETC. WRITE US ABOUT YOUR SPECIFIC NEEDS.

MICROWAVE GENERATOR



TS-147/UP MICROWAVE SIGNAL GENERATOR

PORTABLE UNIT DESIGNED TO TEST AND ADJUST RADAR, BEACON AND MICROWAVE COMMUNICATION SYSTEMS OPERATING IN THE FREQUENCY RANGE OF 8500 TO 9600 MC. PROVIDES EITHER FM OR CW TEST SIGNALS OF KNOWN POWER LEVEL AND FREQUENCY. THIS UNIT CONTAINS A DIRECT READING FREQUENCY METER AND POWER LEVEL METER WITH POWER REFERENCED TO ONE MILLIWATT (DBM). USED TO MEASURE FREQ. AND POWER LEVEL OF THE INPUT AND OUTPUT SIGNALS. SPECTRUM WIDTH, FREQ. CHANGE, RECOVERY TIME AND STANDING WAVE RATIO. CAN ALSO BE MODULATED EXTERNALLY. OPERATES FROM 115 VOLT 50-1600 CYCLES. LESS. CABLES, PLUGS, ADAPTER, PICK-UP HORN. SIZE: 11 1/2 x 18 1/2 x 12 1/2; WT: 35 LBS.

TS-147A/UP.....\$49.50 USED
TS-147B/UP.....60.00 USED
TS-147D/UP.....75.00 USED



GENERAL RADIO SIGNAL GENERATOR MODEL 1021

250-920 MC IN ONE BAND, DIRECT READING CALIBRATION 1%, OUTPUT VOLTAGE CONT. ADJ. .5 TO 1 VOLT OPEN CIRCUIT. OUTPUT IMP. 50 OHMS 10%, AMPLITUDE MOD. ADJ. 0-50%, ENV. DIST. LESS THAN 5% AT 50% MOD. CARRIER NOISE LEVEL .2% MOD. STRAY FIELD LEAKAGE AND RESIDUAL OUTPUT VOLTAGE CANNOT BE DETECTED WITH A RECEIVER. 2-3 MV SENSITIVITY. POWER REQUIRED: 115/230 VOLT, 50-60CY. SIZE: 20 1/2 x 14 1/2 x 10 1/2; WT: 40 LBS. COND. USED PRICE: \$150.00 CHECKED FOR OPERATION \$25 EX.

MULTIMETER



ME-260/U MULTIMETER MEASURES AC OR DC VOLTAGES AND RESISTANCES AT FREQUENCIES FROM 20 HZ TO 700 MHZ. AC VOLTS SCALE: 0 TO 1, 3, 10, 30, 100, AND 300 VAC. DC VOLTS RANGE: 0 TO 1, 3, 10, 30, 100, 300, AND 1000 VDC. RESISTANCES MEASURED FROM 0 TO 500 MEGOHMS IN SEVEN RANGES. DC INPUT IMPEDANCE: 122 MEGOHMS; AC INPUT IMPED: MORE THAN 0.1 MEGOHMS AT 100 MHZ. UNITS ARE COMPLETE WITH PROBES, EXCEPT TIPS OF AC PROBES ARE MISSING. POWER REQUIRED: 115/230 VAC 50-1000 HZ. SIZE: 7 1/2 x 11 1/2 SHPG. WT: 15 LBS.

PRICE USED REPARABLE \$55.00, USED CKD \$75.00

OSCILLOSCOPE



TS-34A/AP OSCILLOSCOPE, SMALL PORTABLE UNIT WITH 2APl CRT. BANDWIDTH: 30 HZ TO 1 MHZ. RISE TIME: 0.25 TO 30,000 U-SEC.

SWEEP TIME ADJUSTABLE IN THREE RANGES FROM 10 TO 50,000 HZ. INPUT IMPEDANCE 62 OHMS OR 430,000 OHMS PARALLELED BY 12 MMF. INPUT VOLTAGE SENSITIVITY 10 TO 100 VOLTS AT 40 DB. EXTERNAL CONNECTION POSSIBLE TO ONE VERTICAL AND BOTH HORIZONTAL PLATES. WITH TUBES 4/6AK5, 2/6AG7, 2/6SL7, 6SN7, 5Y3, 6X5 AND 2APl. POWER REQUIRED: 115 VAC 50 TO 1200 HZ. SIZE: 20 1/2 x 9 x 8 SHPG. WT: 40 LB PRICE: USED, REPARABLE \$34.95 CHECKED \$49.95

TEK & H-P MANUALS

TECH MANUALS FOR THE FOLLOWING TEKTRONIX AND HEWLETT-PACKARD TEST EQUIPMENT:

TEK	TEK 82	H-P
B	\$7.50	202A
CA	7.50	212A
D	7.50	410B
G	6.00	412A
H	7.50	412A
K	7.50	454
L	7.50	454
W	6.00	202A
		212A
		410B
IA2	7.50	410B
IA4	7.50	412A
IA5	7.50	522B

TS-510A SIGNAL GENERATOR



TS-510A/USM-44A SIGNAL GENERATOR, 10 TO 420 MHZ AM, CW, AND PULSED CARRIER. INTERNAL MODULATION 400 OR 1000 HZ. EXTERNAL MOD: 100 HZ TO 20 KHZ. OUT PUT: 0.1 U-VOLTS TO 0.5 VOLT INTO A 50 OHM LOAD. LARGE 3 1/2" ROUND METERS INDICATE PERCENT MODULATION AND OUTPUT VOLTS-DBM. WITH BUILT-IN 1 MHZ AND 5 MHZ CRYSTAL CALIBRATOR. SIMILAR TO HEWLETT-PACKARD 608D. POWER REQUIRED: 115/230 VAC 50-1000 HZ. 13 1/2 x 16 1/2 x 21; 80 LBS. PRICE: USED, REPARABLE, \$300. CHECKED, \$395.

TS-510/USM-44; SAME AS ABOVE, BUT WITH ONLY 5 MHZ CALIBRATOR. REP. \$275. CHECKED, \$375.

MULTI-PURPOSE TEST SET



AN/TRM-1 SIGNAL GENERATOR AND POWER METER. 0.19-400 MHZ AM; DESIGNED TO PROVIDE PERFORMANCE MEASUREMENTS ON RECEIVERS AND TRANSMITTERS SUCH AS PERCENT MODULATION, POWER OUTPUT, AND CARRIER LEVEL SHIFT. CONSISTS OF TWO RF OSCILLATORS; SG-32 3-100 OVER RANGE 0.19-400 MHZ THROUGH THE USE OF CU-413 AND CU-220 COUPLERS WHEN USED WITH THE APPROPRIATE DUMMY LOAD. (COUPLERS AND LOAD NOT INCLUDED.) POWER REQUIRED: 115 VAC 60 HZ. SIZE: 18 x 13 x 8; SHPG. WT: 65 LBS. PRICE: USED, REPARABLE, \$195.00 USED, CHECKED, \$260.00

ACCESSORIES FOR AN/TRM-1. QUANTITY LIMITED
MX-1652 ANTENNA SIMULATOR, REC \$5.00
MX-2079 TEST ADAPTER 50 OHM 5.00
CN-399 FIXED ATTENUATOR 6 DB 5.00
CN-287 FIXED ATTENUATOR 12 DB 5.00
CX-3049 SPECIAL PURPOSE CABLE 5.00

MANUAL FOR TRM-1; PARTIAL REPRODUCTION WITH OPERATING, SERVICE INFO, SCHEMATICS, \$10.00

MILITARY TEST SETS; ALL USED, REPARABLE. ACCESSORIES EXTRA; WRITE FOR MORE INFO.

AN/TRM-3 AM-FM SWEEP GENERATOR, P.U.R.*
AN/UPM-99 RADAR BEACON TEST SET, P.U.R.*
AN/URM-25D SIGNAL GENERATOR, P.U.R.*
AN/URM-76 TEST METER FOR ARC-34, \$49.95
1-95 FIELD STRENGTH METER F/SCR-522, \$19.95
1-96 SIGNAL GENERATOR F/SCR-522, \$39.50
ME-30A VTVM, .001-300 VAC, MIL-HP-400D, \$75.
ME-51 POWER METER, 3.1-3.5 GHZ, \$15.00
ME-82 WATTMETER, 50-600 MHZ, 0-120 W, \$85.
SG-12 SIG. GENERATOR, 20-100 MHZ, P.U.R.*
TS-251 LORAN TEST SET, 45.00
TS-305B POWER METER, 220-320 MHZ, 59.50
TS-403 SIGNAL GENERATOR, 1.8-4.2 GHZ, P.U.R.*
TS-419 SIGNAL GENERATOR, .9-1.2 GHZ, P.U.R.*

COMPUTER DATA ENTRY



DATA ENTRY KEYBOARD, USED ORIGINALLY FOR REMOTE ACCESS TO A COMPUTER FOR INVENTORY OR CREDIT CHECK. UNIT CONSISTS OF 16-BUTTON KEYBOARD WITH NUMBERS 0-9, INQ, ENTER \$, SEND, CHECK, DATA, AND A BLANK. LOGIC CIRCUIT BOARD FEATURES A CV141281 CHIP. DIGIT DISPLAY BOARD HAS TEN LED'S INCLUDING FOUR 7-SEGMENT FND70351 READOUTS WITH SPACE FOR FOUR MORE. SET IN RUGGED PLASTIC HOUSING. WITH 20-CONTACT CONNECTOR FOR POWER AND COMPUTER ACCESS. NOT GUARANTEED OPERATIONAL. 6 1/2 x 8 1/2 x 3, 6 LBS. #DATA-4105, USED, \$12.95

EIGHT LEVEL PAPER TAPE PUNCH, SIMILAR TO THOSE USED ON TELETYPE MACHINES. COULD BE USED TO MAKE TAPES FOR THE TAPE READER. UNIT CONSISTS OF SOLENOIDS, DIES, AND DRIVE MECHANISM, NO MOTOR, NO ENCODING. 8 1/2 x 5 1/2 x 5 1/2, SH WT 6 LBS. GOOD COND. \$14.95



#KEY735



#KEY736

KEYBOARDS SHOWN ABOVE HAVE NO DECODING ELECTRONICS. EACH KEY SWITCH HAS INDIVIDUAL CONTACTS. APPROX THREE FEET OF CABLE ON EACH KEYBOARD. SHIPPING WT 12 LBS.

735 KEYBOARD HAS 49 KEYS PLUS SPACE BAR; 11/TEN VOLT LAMPS; 2 IN SPEAKER; 2 MIN. TOGGLE SWITCHES; SODECO 24VDC 53MA 10IMP/S RESETTABLE COUNTER. 14x7x3 1/2 #KEY735 \$22.00

736 KEYBOARD HAS 48 KEYS AND SPACE BAR; 40/TEN VOLT LAMPS; 2 IN SPEAKER; 8 MIN. TOGGLE SWITCHES, SODECO 24VDC 200 OHM 25IMP/S RESETTABLE COUNTER. 14x9x3 3/4 #KEY736 \$26.00



CONTROL ASSEMBLIES ON 9x4 HEATSINK. USED, EXCELLENT YIELD ON SEMICONDUCTORS. SHPG WT. 4 LBS EA. SIMILAR TO PICTURE ORDER BY NUMBER

TRANSISTOR CONTROL ASSEMBLY WITH DIODES.

8/TO-3 60V (SIMILAR TO 2N3055) AND 8/TO-66 (SIMILAR TO 2N3054) 60V TRANSISTORS, 8/0.4 OHM 5W AND 8/30HM 3W RESISTORS, 8/0.4 DIODES WITH INSULATED MOUNTING HARDWARE. #7729 \$5.75

TRANSISTOR CONTROL ASSEMBLY, CONTAINS 8/TO-3 AND 8/TO-66 AND EMITTER RESISTORS AS ABOVE. SMALL DIODES AND RESISTORS #0425 \$5.00

CONTROL CLUTCH ASSEMBLY AND HEATSINK 9X4 IN. 8/100V TO-3 AND 2/60V TO-66 TRANSISTORS, FIVE 0.4 OHM 10 W RESISTORS, MORE.#095-8139 \$4.00

SOLENOID DRIVER ASSEMBLY WITH 6/70MFD 300V CAPACITORS, 6/ 60 OHM 3/10WATT DALE RESISTO TRANSISTORS AND DIODES. 3LB #340C4587 \$3.50

SOLENOID DRIVER ASSEMBLY WITH 4 TO-3 100V GERMANIUM TRANSISTORS ON HEATSINK, 4/110MFD 75 VOLT CAPACITORS, EMITTER RESISTORS AND OTHER COMPONENTS.4LB #340D3068 \$1.00



REED RELAY

REED RELAY BOARDS LISTED BELOW CONTAIN 12VDC REED RELAYS AND ASSOCIATED COMPONENTS. ORDER BY BOARD NUMBER. SH WT. 3 LBS.

#5336 1/DPST, 4/5PST, 2/4PST, MERCURY WETTED RELAY SPDT, 26 DIODES. \$3.95

#5341 3/4PST, 3/3PST, 2/2PST, 5PST, MERCURY WETTED SPDT, 23 DIODES \$4.95

#5346 12/SPST, DPST, 2/DPST MERCURY WETTED. 5 TRANSISTORS, 51 DIODES, 3/25MFD 50V 47 MED 35V \$5.95

#5351 10/SPST, 10/DPST, 90 DIODES \$7.95

#5361 3/DPST, 4/SPST, MERCURY WETTED SPDT 6 TRANSISTORS, 24 DIODES, CAPACITORS DIODES, RESISTORS. \$3.95

#998-0115153 4/3PST, 2/2PST, SPDT MERCURY WETTED RELAY, 22 DIODES. \$3.95

#3150341 8 CLARE HGSN 7004 MERCURY WETTED RELAYS, SPDT. \$3.95

#E40380 MAGNETIC REED SWITCHES WITH BIAS MAGNETS ON BOARD. 68/BOARD \$4.95



TALLY OSCILLATOR; 2N3643, 9/2N3565, 39 NICE CAPACITORS .001 TO .47 @ 50V. FERRITE CORE COILS: 81.9, 72.5, 44.7, 42.9, 35.6, 34.9, 30.2.MHY. #601748 \$2.95

TALLY RECEIVER; 15 MINI-DIP 741, 2 IN SOCKET 723 VOLTAGE REG IN SOCKET, 4 TRANSISTORS, 6 TRIMPOTS, CAPACITORS, RESISTORS ETC SH WT 1LB #601740 \$3.95

TALLY LOGIC; 26/2N3643, 2N6027, 3/324, TWO 16 PIN SOCKETS, 500MFD 75V, 2/200MFD 25V 4MINI POTS, RESISTORS,CAPACITORS, DIODES SH WT 2 LBS #691746 \$3.50

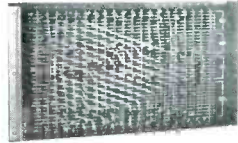
READ AND SWITCH CORE CURRENT SOURCE. 2/8V REFERENCE DIODES, 2 TRANSISTORS ON HEATSINK. 6 SECTION INDUCTOR, 75 OHM 25 WATT RHEOSTAT DALE 31 OHM 1/2 25 WATT RESISTOR. SH WT 4 LBS #315CURRENT SOURCE \$2.50



FLUORESCENT DISPLAY 12 DIGIT DG1001, 1 1/8 IN WITH 1/4 INCH DISPLAY, 27 TRANSISTORS AND ASSOCIATED RESISTORS AND CAPACITORS. SH WT 3 LBS #QP3666 \$7.95

14 DIGIT FLOURESCENT DISPLAY. CONSISTS OF 14 MG-17F 1 1/8 INCH TUBES WITH 3/8 INCH DISPLAY, 31 TRANSISTORS, 22 CAPACITORS, DIODES, RESISTORS. TUBES ARE ON PLUG-IN ASSEMBLY (22 PIN) 8x3 3/4x2 1/2. SH WT 3LB #CP-2704 \$6.95

NEON NUMERICAL DISPLAY, 3/4 INCH, 0-9, 16 TUBES ON PANEL. VOLTAGE REQUIRED 150-170VDC SIZE: 12x4, SH WT 3 LB. #N11AMCL48 \$3.95



DIODE MATRIX 34 X 20 CONTAINS 90 DIODES IN4004 OR EQUAL. 6x11 #005330 \$3.95

DIODE MATRIX 25 X 7, 23 TRANSISTORS, DIODES WITH 22 PIN SOCKET. 7x4 1/2 #2010200 \$2.95

CORE MEMORY ARRAY 2 SECTIONS EACH 52 X 52 BOARD SIZE 13x13x1 1/2 #2162301 5 LB \$6.95

SMALL CORE MEMORY ARRAY, 2 SECTIONS APPROX 65x15 EACH. 4 REED RELAYS 2/3PST, 2/5PST 7x4 1/2 #2006000 \$3.95

SWITCH NETWORK DIGITAL AND LINEAR IC BOARD. 3352.8KHZ CRYSTAL, 3/2 POLE 4 POS, AND 1/3P2P PC ROTARY SWITCHES. 4 MULTI TLRN POTS. 38/72301 OP-AMPS, 2/MC1448, 944DC, 5/9016, 4/7408, 3/NE565, 74195 2/SH29007, 2/74161, 2/74109, 3/7400, 2/7410 2/9602, SP380, SP363. 11x13 1/2, WT 5LB. SEVERAL HUNDRED RES,CAP, DIODE, #9829 \$8.95

100 KHZ CRYSTAL BOARD; BLILEY HR-3 100.00KHZ CRYSTAL, 40 TRANSISTORS, RESISTORS, CAPACITORS ETC. 1 LB. #CUC2112000 \$3.95

VOLTAGE REGULATOR 3/723, 2/ TO-66 TRANSISTOR 4 TRANSISTORS, 9 TRIMMER RESISTORS, DICDE BRIDGE, THERMISTORS. #6200673 \$2.00

CONTROL BOARD 162407, FAIRCHILD TTL 95 IC'S 17/9002, 15/9003, 11/9009, 10/9007, 8/9016 25/9024, 2/9300, 9301, 9310, 3/9316, 2/4510 PRESETTABLE DECADE UP/DOWN COUNTER. 3LBS 9x11 1/2 #162407 \$5.95

FAIRCHILD IC'S 4/9002, 2/9015, 2/9016, 74180 3/9024, 2/9602, 9/2N2222, RESISTORS, CAPS, DIODES SH WT 2LB #C200504G1 \$1.95

LINEAR IC'S; CA3001, 5/CA3018, NE 531, 2N4919 18 TRANSISTORS, DIODES RESISTORS, CAPACITORS SH ST 1 LB #54224107 \$1.00



100 KHZ CRYSTAL CIRCUIT BOARD, WITH CRYSTALS 100 KHZ (CR-50), 33.36 KHZ, AND 12 KHZ INCLUDING HOLDERS. ALSO SIX 44 MH AND TWO 6 MH POTTED COILS PLUS OTHER REUSABLE PARTS. 6x9 1/2 3 LBS. #650784, \$4.95

TWELVE DIGIT FLUORESCENT DISPLAY #POS2, 3/8" DIGITS WITH CHARACTER 0 THRU 9, -, ., ' AND DECIMAL POINT. TUBES ABOUT 2" HIGH. ALSO 2/M5812 COUNTER IC'S, 27 TRANSISTORS, AND OTHER PARTS. 9x8x2 1/2, SHPG. WT: 4 LBS.



PC CARD RACK

PC CARD RACKS FOR 4 1/2 x 6 1/2 DOUBLE SIDE CARD. 1/16x1/32 W W PINS. CR735; 38 CARD GUIDES WITH 33 22 PIN DOUBLE EDGE CONNECTORS 13x18x9 WT 15LB #CR735 \$18.00

IC SOCKETS

I.C. THREE LEVEL WIRE WRAP SOCKETS

14 PIN WIRE WRAP	35¢ EA.	6/\$2.00
16 PIN WIRE WRAP	40¢ EA.	6/\$2.00
14 PIN P.C.	25¢ EA.	5/\$1.00
16 PIN P.C.	28¢ EA.	5/\$1.00

COMPUTER POWER SUPPLIES

SOLID STATE POWER SUPPLY RATED CONSERVATIVELY AND CONSTRUCTED ON RUGGED STEEL FRAME. UNITS HAVE FRONT VOLTAGE ADJUST ±10%, RUNNING LIGHT, AC RESET. ALSO FEATURED IS ADJUSTABLE CURRENT LIMITING AND OVER VOLTAGE PROTECTION. POWER INPUT 115V 60 HZ. REMOVED FROM EQUIPMENT GOOD CONDITION.



AC POWER INPUT PLUG		\$2.00		
RATING	SIZE	SH WT	No.	PRICE
4v 30A	15x13x7	65LB	926	\$30.00
4v 75A	20x19x7	125	650	50.00
12v 5A	16x9x7	35	655	37.50
12v 15A	15x13x7	60	654	65.00
12v 25A	15x19x7	75	928	75.00
30v 3A	15x19x7	38	889	27.50
20 to 24				
5.5A	20x9x7	47	332	39.95

DUAL POWER SUPPLY SAME STYLE AS ABOVE UNITS. +32-36 @ 14.7A AND -32-36 @ 10.3A. TWO INDEPENDENT REGULATORS OPERATING WITH COMMON GROUND BUSS. SIZE 20x14x12. WT 100LB SH WT 125LB. #450 \$60.00

HARMONIC REGULATED 24VDC 20 AMPS, VERY HEAVY CONSTRUCTION, SIMILAR TO ABOVE. CAN SUPPLY 24VDC 30AMPS INTERMITTENTLY. 20x13x7. SH WT 100 LBS. #6004501 \$30.00

12 VDC 4VDC 17.5A

12VDC 3.5 AMPS AND 4VDC 17.5 AMPS WITH CURRENT LIMITING AND OVER VOLTAGE PROTECTION. THE 4 VOLT OUTPUT WILL ADJUST TO 5 VOLTS. SIZE: 14x 8x6 SH WT 35 LBS. 115V 60 HZ. USED EXCELLENT COND. #9566WC \$30.00

POWER SUPPLY SAME AS #9568 ONLY LESS REGULATOR CARDS. HAS OUTPUT TRANSISTORS AND HEATSINKS. AN EXCELLENT FOUNDATION \$20.00

32-36 VDC 4.8 AMPS; CONVERSION INFO FOR 12-36 VDC OPERATION INCLD. WITH ADJUST. CURRENT LIMITING AND OVP; 5" COOLING FAN. 9x6x6 1/2 X19; SHPG. WT: 37 LBS. #32-36V-4.8, \$24.95

OPEN FRAME REGULATED

COMPUTER POWER SUPPLY TRANSISTOR REGULATED OPEN CONSTRUCTION WITH ADJUSTABLE VOLTAGE 20% AND CURRENT LIMITING UNITS WHERE OVP IS

NOTED ALSO HAVE ADJUSTABLE OVERVOLTAGE PROTECTION. UNITS ARE USED GOOD CONDITON, REPAIRABLE. PLEASE ORDER BY RATING AND PART NUMBER

RATING	SIZE	SH WT.	NUMBER	
5v 2A	14x4 1/2x5	16	1012-01	\$10.95
5v 2A OVP	"	16	1012-22	12.95
5v 4A	"	16	1014-33	14.95
5v 4A OVP	"	16	1014-24	15.95
5v 20A OVP	14x16 1/2x5	30	1031-23	25.00
8v 4A OVP	14x4 1/2x5	16	1014-21	14.00
12v 3A OVP	"	16	1014-22	25.00
12v 6A	14x8 1/2x5	23	1018-32	35.00
12v 6A OVP	"	23	1018-22	37.00

35 TO 40V 500W CVP " 60 1037-12 35.00
30V 3A 14x8 1/2x5 23 1018-23 22.50
30V 3A OVP " 23 1018-33 25.00

MULTI-VOLTAGE POWER SUPPLIES.

THE FOLLOWING POER POWER SUPPLIES HAVE HARMONIC REGULATED POWER TRANSFORMERS. SOME OUTPUTS ARE ALSO TRANSISTOR REGULATED.

PS736 HAS THE FOLLOWING OUTPUTS: 30V 0.5A 30V 1A, 10V 4A REG., 10V 4A REG., 3.6V 1A REG. THE OUTPUTS ARE INDEPENDENT OF EACH OTHER. 22x6x6. SH WT 30LBS #2090200 \$14.95

PS735 HAS THE FOLLOWING OUTPUTS: 30V 0.5A 30V 1A, 10V 0.5A, 10V 1A. 10V OUTPUTS ARE TRANSISTOR REGULATED. 22x6x6. SH WT 30LB. PS-55685. \$11.95

FAIRCHILD SOLID STATE

TECHNOLOGY KIT

0.8" HIGH DISPLAY ARRAYS

FTK0010 12 Hour, 3 1/2 DIGIT CLOCK Dis. 7.00
FTK0011 24 Hour. 4 DIGIT CLOCK Dis. 8.00

LED LAMPS
FTK0020 10 RED LED 1.00
FTK0021 5 MIXED COLORS LED 1.00
FTK0022 10 LED MOUNTING CLIPS 1.00
FTK0023 5 THREE PIECE LED MOUNT ADPT 1.00

PHOTO TRANSISTORS

FTK0030 5 FLAT LENS PHOTO TRANSISTOR 1.00
FTK0031 5 ROUND LENS PHOTO TRANS. 1.00
FTK0032 3 FLAT LENS PHOTO DARLINGTON 1.00
FTK0033 3 ROUND LENS PHOTO DARLINGTON 1.00

PHOTO ARRAYS

FTK0040 9 ELEMENT TAPE READER ARRAY 16.00
FTK0042 12 ELEMENT TAPE READER 24.00
FTK0042 REFLECTIVE OPTO COUPLER 4.00

COUPLERS

FTK0050 3 GENERAL PURPOSE OPTO COUPL 1.00
FTK0051 DARLINGTON OPTO COUPLER 1.00

FTK0405 DIRECT DRIVE DIGITAL CLOCK/CALENDAR CIRCUIT (FCM7015), 6.00
FTK0106 AUTOMOBILE CLOCK KIT, \$27.95



MICROPROCESSOR CIRCUIT BOARD CONTAINS C4004 P CHANNEL MICRO PROCESSOR, 4/P4001 256x8 BIT PROGRAMMABLE ROM, 2/P4002-1 320 BIT RAM AND 4 BIT OUTPUT PORT, 3/P4003 10 BIT SERIAL IN/PARALLEL OUT, SERIAL OUT SHIFT REGISTER. ALSO HAS 53 TRANSISTORS ON BOARD. 6x6x6 SH WT 2 LB. #IC-07 \$12.95

CMOS TTL

25% OFF LIST PRICE WHEN BUYING 3 OR MORE CMOS BOARDS.



CMOS #84293; 3/4001, 2/4002, 5/4009, 2/4010 4/4011, 2/4012, 7/4013, 4021, 2/4022, 7/4023 2/4025, 2513 A 64x8x5 CHARACTER GENERATOR 7417. 9x7 1/2, SH WT 2LBS #84293 \$7.50

CMOS-K1; 6/4008, 4/4009, 4/4011, 2/4012 7/4013, 9/4016, 5/4022, 2/4023, 4024 5/4040 9x7 1/2, SH. WT. 2 LBS #CMOS84292 \$6.95

CMOS #14007; 4/4001, 2/4011, 2/4013, 4042, 4558 DUAL OP-AMP, 23 TRANSISTORS, MANY RESISTORS, CAPACITORS. 1 LB #14007 \$2.95

IC BOARD #595254; 3/9322 QUAD 2 INPUT MULTIPLEXER, 7402, 7404, 7406, 7410, 3/7438, 741, 7442. 1 LB #595254 \$1.95

IC BOARD #594747; 8/75451 DUAL PERIPHERAL AND DRIVER, 7438, 7474, 74121, 7404, 6/7400, 7402, 7414, TRANSISTORS, RESISTORS, DIODES CAPACITORS 2 LB #594747 \$2.95

ENDERSOR DRIVER 4/DM8851 DUAL RETRIGGERABLE MVBR, 7474, 9109 HIGH VOLTAGE HEX INVERTER, 2/7400, 7420, 7406, 18 BYPASS CAPACITORS. TO-3 TRANSISTOR ETC 1 LB #484-0001801 \$1.50

CARD READER CONTAINS A TEN SECTION SPST DUAL IN LINE SWITCH, A 8 POSITION MINATURE PC ROTARY SWITCH; 5/7400, 4/7404, 7/7408, 5/7410 4/7420, 7437, 74109, 3/74157, 74180, 9602 2/N82562, 2/2N29301, NCR 94, 8 IC'S NO CROSS REFERENCE. SH WT 2LBS #315-0529449 \$3.50

TTL CIRCUIT BOARD 2/7400, 7402, 2/7408, 7410/2 2/74109, 3/ 9016, 3/9602, NE565, CAPACITORS RESISTORS, DIODES. #095-0300644 \$1.00

HAMMER CONTROL MRTL IC'S MC817, 4/MC824, 4/MC889, MC892, 2/50K TEN TURN POTS 20 TRANSISTORS, RESISTORS ETC. #2144500 \$1.00

CLOCK BOARD 1.000MHZ HB-2 BLILEY CRYSTAL MRTL IC'S 2/MC824, MC826, MC879, 2/MC889 4/MC892. SH WT 2 LB Clock #2144700 \$4.95

IBM 2315 CARTRIDGE \$15.00

22 PIN DOUBLE SIDE P C BOARD SOCKETS, SOLDER STYLE, REMOVED FROM EQUIP \$1.00EA

GOING NORTH
USE EXIT 125 (turn left)
Designated 309 - 117
Lima - Kenton

GOING SOUTH
USE EXIT 125B (turn right)
Designated 309W - 117
Lima - Kenton

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TV LOUNGE FOR THE FAMILY

COMPUTER FOUNDATION

DISPLAY CIRCUIT BOARD WITH EIGHT 3/8" 7-SEGMENT LED READ-OUTS, EIGHT RED LED'S, 15 DARLINGTONS, 8 PNP TRANSISTORS 3/C4003 SHIFT REGISTERS, PLUS OTHER COMPONENTS, BLOCK DIAGRAM. 10x3 1/2, #ECR7700, \$12.95

COMMUNICATIONS CIRCUIT BOARD, CONTAINS MODEM CARD WITH 7 1458 OP AMPS (NO SCHEMATIC). MAIN BOARD HAS TMS-6011 UART, INPUT SHIFT REGISTERS, AND GATES (TEN IC'S). ALSO INPUT TRANSFORMERS FOR MODEMS, SELECT WIRING FOR 4- OR 2-LINE INPUT, AND LEVELS 0 DBM, -3 DBM, -6 DBM, OR -9 DBM. MODEM INFO, BLOCK DIAGRAM. #ECR9600, \$14.95

IMPRINTER LOGIC BOARD, THREE 200 VOLT 4 AMP TRIACS DRIVEN BY CONTACTS OF THREE 12 VDC REED RELAYS. ALSO HAS 2/4003 SHIFT REGISTERS, EIGHT DARLINGTONS, EIGHT PNP'S. 3/9002, AND A 4049 HEX BUFFER/CONVERTER. W/BLOCK DIAGRAM. 10x4, #ECR9060, \$9.95

CONTROL CIRCUIT BOARD WITH C4004 4-BIT MICROPROCESSOR, 2/4003 SHIFT REGISTERS, 3/4002 RAM'S, AND 8/4001 ROM'S. ALSO A 4.704 MHZ CRYSTAL, FIVE OTHER IC'S FOR CLOCK AND GATING, 12 IC SOCKETS, BLOC DIAGRAM. 10x5, 3 LBS. #ECR9620, \$17.95

MICROCOMPUTER POWER SUPPLY, USES TWO 3-TERMINAL REGULATORS AND A 723 WITH TIP3055 TRANSISTOR. INPUT: 115 VAC 60 HZ; OUTPUT: -25 VDC 180 MA; -5 VDC 800 MA, -15 VDC 1.25 AMPS. WITH SCHEMATIC. SIZE: 3x5x4; SHPG. WT: 10 LBS. #ECRPS-744, \$15.00

CREDIT CARD SCANNER, USES AN OPTICAL SYSTEM TO READ THE RAISED NUMBERS OF A CREDIT CARD INTO IN PHOTO ARRAY. HAS SMALL AC MOTOR TO DRIVE CARD THROUGH THE READER. ALSO LIGHT AND PLASTIC OPTICS, TWO ROCKWELL IC'S 10561 AND 15120. WITH DIAGRAM OF CONNECTOR WIRING. 5x5x4, #ECR2020, \$8.95.

20-KEY KEYBOARD, 5/8" SQUARE BUSINESS KEYS WITH CHARACTERS: 0 THRU 9, CLR, RST, CRED, CASH, IMP, SEND, RET, CODE, \$, AND ACCT. TWO BUSES: ONE FOR NUMBERS; THE OTHER FOR INSTRUCTIONS. SIZE: 4x4 1/2, WT: 2 LBS. #ECR4835, \$3.95

ECR COMPONENT PACKAGE DEAL THE ABOVE SEVEN ITEMS WITH AN ECR-PREFIX WERE ORIGINALLY COMPONENTS OF AN ELECTRONIC CARD READER SYSTEM. THEY MAY BE PURCHASED INDIVIDUALLY AS MARKED OR TOGETHER AS A PACKAGE FOR \$59.50.

SEIKI PRINTERS

EP-101 SHINSHU SEIKI DIGITAL PRINTER; 21 COLUMN PRINTER, PRINTS CHARACTERS 0 THRU 9, #, -, OVERFLOW, PROGRAM, PLUS OTHER SPECIALIZED SYMBOLS. USES 3 1/2" WIDE PAPER; PRINTS 2.8 LINES/SECOND. PARALLEL DATA ENTRY. MOTOR REQUIRES 17 VDC (±3 VDC). SIZE: 4x6 1/2x5-3/8; SHPG. WT: 7 LBS. USED, REMOVED FROM EQUIPMENT. GOOD CONDITION, \$15.

MATRIX PRINTER, VICTOR COMPTONETER IPM-130, 115 VAC 60 HZ; LESS COVER. UNUSED, \$149.50

SPRING SPECIAL

LAMP POWER SUPPLY, OUTPUT 120 V. 9000 HZ. APPROX. HAS TWO 1x4x6 HEATSINKS WITH TWO T0-3 TRANSISTORS EACH. ALSO PLUG-IN CIRCUIT CARDS WITH TRANSISTORS, DIODES, CAPACITORS, ETC. FERRITE CORE AUTO-TRANSFORMERS, 50 OHM 5% 50 WATT RESISTOR. TRANSFORMER INPUT: 115 VAC 60 HZ; OUTPUT: 2/4 VCT 500 MA SIZE: 4 1/2x8 1/2x3 1/2; SHPG. WT: 9 LBS. GE#9T68Y1500-G4, W/COVER, \$7.95

POCKET KNIFE

TL-29 ELECTRICIAN'S POCKET KNIFE WITH 2 1/2" HIGH-GRADE CUTLERY STEEL BLADE AND 2 1/2" LOCKING SCREWDRIVER BLADE. HANDLE SIZE: 1/2"W x 5/8"H; FOLDED LENGTH: 3 1/2". RUGGED PLASTIC SIDES; MADE BY CAMILLUS. SHPG. WT: 1 LBS. UNUSED, \$5.95

2-32 MHZ SSB RECEIVER

AN/FRR-59A TRIPLE CONVERSION SSB RECEIVER WITH FULL CARRIER SUPPRESSION FROM 2 TO 32 MHZ IN FOUR BANDS: (2-4) (4-8), (8-16), AND (16-32) MHZ. RECEIVES LSB, USB, AM, CW, AND MCW SIGNALS; LSB AND USB RECEPTION POSSIBLE SIMULTANEOUSLY OR SEPARATELY. INCREMENTAL OR CONTINUOUS DIGITAL TUNING IN 0.5 KHZ STEPS. INTERMEDIATE AND 80 KHZ. BUILT-IN 1 MHZ CRYSTAL CALIBRATOR. AF LINE OUTPUT: 60 MW INTO 600 OHMS (MIN.); PHONE OUTPUT: 15 MW INTO 600 OHMS (MAX.). RECOMMENDED ANTENNA TERMINAL IMPEDANCE: 50 OHMS. USES 7- AND 9-PIN 6.3 V. GLASS TUBES. POWER REQUIRED: 105-125 VAC 50/60 HZ (250 WATTS). SIZE: 25 1/2x22x24; SHPG. WT: 300 LBS. NET WT: 250 LBS. PRICE: USED, REPARABLE \$375. CHECKED, \$475.

12 - 24 VDC POWER SUPPLY

CPP-2 POWER SUPPLY; OUTPUT: 12 VDC @ 22 AMPS OR 24 VDC @ 11 AMPS. WITH MAINS AND LOAD CONTROL, AND OUTPUT MODE INDICATOR LIGHTS. POWER REQUIRED: 90-130 VAC 60 HZ. SIZE: 11x18 1/2x10 1/2; SHPG. WT: 90 LBS. USED, \$65.00

PORTABLE SIGNAL LIGHT

CANADIAN MORSE CODE SIGNAL LIGHT; MIRRORED REFLECTOR TILTED BY TRIGGER IN HAND GRIP, SIGHTING TUBE ON TOP, 4" CLEAR REPLACEABLE LENSES LISTED BELOW. TEN FOOT CABLE & 12 VDC 31 WATT LAMP. CAN ALSO BE USED AS SPOT LIGHT. COMES IN WOOD CARRYING CASE, 9x6 1/2x8; 15 LBS. CAN#5A USED \$14.95
EXTRA INTERCHANGEABLE LENSES IN RED, BLUE, GREEN OR CLEAR TINT \$1 EA. SET OF 4 \$3



A PRAYER AWAY

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AUDIO GENERATOR

SG-15/PCM SIGNAL GENERATOR, DESIGNED AS TEST POWER SOURCE FOR TRANSMISSION MEASUREMENT OF CARRIER EQUIPMENT AND WIRE AND CABLE LINES; ALSO CAN BE USED AS AN AUDIO OSCILLATOR. OUTPUT: -54 THRU -26 DBM INTO 600 OHMS FROM 200 HZ TO 35 KHZ ON ONE CONTINUOUS BAND. WITH 2 1/2" RD. OUTPUT LEVEL METER, ZERO-BEAT ADJUST, COARSE AND FINE DBM CONTROLS. POWER REQUIRED: 115/230 VAC 50-60 HZ. 8 1/2x19x13; SH. WT: 50 LBS. USED, REP, \$40.

HETERODYNE VOLTMETER

BRUEL & KJAER HETERODYNE VOLTMETER TYPE 2005; DESIGNED FOR MANUAL PLOTTING OF RF SPECTRUM FROM 20 KHZ TO 30 MHZ IN FOUR BANDS. ALSO USED IN MEASUREMENT OF RF RADIATION, HARMONICS, ETC. VOLTAGE RANGE: 15 U-VOLTS TO 150 M-VOLTS; INTERMEDIATE FREQUENCY: 1650 KHZ. UNIT ORIGINALLY USED A SPECIAL HIGH IMPEDANCE INPUT PROBE (NOT AVAILABLE), THAT IS NOT NECESSARY FOR OPERATION. A REPLACEMENT PROBE COULD BE MADE AND THE PROBE'S CONNECTOR MODIFIED FOR STANDARD FITTINGS. THREE 4x4 METERS INDICATE FREQUENCY, RF, AND MODULATION, RESPECTIVELY; BUILT-IN SPEAKER. MADE IN DENMARK. WITH TUBES: ECH21, 4/EF42, ECC61 (12AT7), ECC82 (12AU7), EZ90, AND 2/0B2. POWER REQUIRED: 115, 127, 150, 220, OR 240 VAC 40-400 HZ. SIZE: 16x20x11; 50 LBS. USED, REPARABLE, W/SCHEMATIC, \$99.50

COAXIAL RELAY

SPDT ANTENNA CHANGEOVER RELAY, HEAVY SILVER CONTACTS GOOD FOR AT LEAST 500 WATTS. COIL: 6 V 60 HZ 1 OHM. REQUIRES THREE "N" CONNECTORS. OVERALL SIZE: 3x3x1; SH WT: 2 LBS. REMOVED F/EQUIP. #0-901/T-282, \$9.95
UG-21 "N" CONNECTORS, USED-CUT-OFFS, 75¢ EA.

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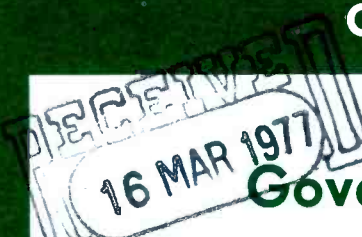


1947
TO
1977



CATALOG

WS-77



World's Finest
Government Surplus

ELECTRONICS

LOW-COST TEST SETS



LT-601 VOLT-OHM METER, LOW-COST INSTRUMENT FEATURES A 50 UA METER MOVEMENT AND A 3" MIRRORED SCALE. DC VOLTS RANGES: 5, 25, 50, 250, 500 AND 2.5 KV. DC AMPS OF 50 UA, 2.5 MA & 250 MA. AC RMS RANGES: 10, 50, 100, 500 & 1000 V. OHMS SCALE X1K OR X10. ALSO -20 TO +22 DB. WITH TEST LEADS. REQUIRES ONE AA PENLIGHT BATTERY (NOT INCLUDED). SIZE: 5 1/2 x 3 1/2 x 1 1/2, WT: 3 LBS. NEW, \$13.95

TRANSISTORIZED SIGNAL TRACER FOR USE IN RF, IF, AND AUDIO CIRCUITS. INPUT IMPEDANCE: 30,000 OHMS (AF) AND 50,000 OHMS (RF). WITH 2" 8 OHM SPEAKER, TEST LEADS, AND 9 V. BATTERY. 2x5 1/2 x 1 1/2, WT: 3 LBS. NEW, \$9.95



TRANSISTOR CHECKER TESTS NPN AND PNP TRANSISTORS AND INDICATES CURRENT GAIN, ELECTRODE OPEN, CIRCUITS, AND SHORT CIRCUITS. ALLOWS FOR THE MATCHING OF SIMILAR TRANSISTORS, GO/NO-GO CURRENT TESTS FROM 5 MA TO 50 MA, AND FOR USE WITH AC VOLTMETERS OR OSCILLOSCOPES. WITH TEST LEADS AND SOCKETS. INCLUDES C BATTERY FOR OPERATION. SIZE: 6 1/2 x 3 x 2 1/2, 3 LBS. NEW, \$12.95



DC POWER SUPPLY PROVIDES 4.5, 6, 9, OR 12 VDC AT 150 MA. REQUIRES 115 VAC 60 HZ. SIZE: 5 1/2 x 2 1/2 x 1 1/2, WT: 3 LBS. NEW, \$8.95



BREAKER SWR METER

AND FIELD STRENGTH METER MODEL 13-500. SH WT 3 LB. NEW \$13.95



POWER SUPPLY

12V 2.5A BREAKER 12 VDC 2.5 AMP POWER SUPPLY, 4 AMP SURGE, 4 AMP CIRCUIT BREAKER. SH WT 6 LBS. 4 5/8 x 2 1/2 x 6 1/2 NEW #13-110 \$20.00

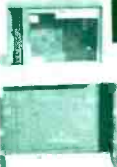
PHOTO FLASH TUBE



ELECTRONIC PHOTO-FLASH TUBE R4330 SYLVANIA, OPERATING VOLTAGE 2250, 6 FLASHES PER/MIN

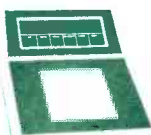
100 WATT-SEC/FLASH MAXIMUM, PEAK LIGHT OUTPUT 12,000,000 LUMENS, INTERGRATED LIGHT OUTPUT 3500 LUMEN SEC. FLASH. \$10 OCTAL CER. SOC. 50¢

OPERATIONS CENTER



DESK FOR YOUR RADIO OR COMPUTER OPERATIONS CENTER. OVERALL SIZE 31WX 29D X 43 H. TOP SECTION HAS AREA WITH GLASS DOOR 19 1/2 X 14 1/2 H X 13 D. AREA FOR CONTROL PANEL 3 1/2 X 15. BOTTOM SECTION USEABLE APPROX 30X14D X 20H. DESK AREA 15 X 31. ACT WT 140 LB. SH WT 200 LB. USED \$30

COMPUTER DATA ENTRY



DATA ENTRY KEYBOARD, USED ORIGINALLY FOR REMOTE ACCESS TO A COMPUTER FOR INVENTORY OR CREDIT CHECK. UNIT CONSISTS OF 16-BUTTON KEYBOARD WITH NUMBERS 0-9, INQ, ENTER \$, SEND, CHECK, DATA, AND A BLANK. LOGIC CIRCUIT BOARD FEATURES A CV14281 CHIP. DIGIT DISPLAY BOARD HAS TEN LED'S INCLUDING FOUR 7-SEGMENT FND70351 READOUTS WITH SPACE FOR FOUR MORE. SET IN RUGGED PLASTIC HOUSING. WITH 20-CONTACT CONNECTOR FOR POWER AND COMPUTER ACCESS. NOT GUARANTEED OPERATIONAL. 6 1/2 x 8 1/2 x 3, 6 LBS. #DATA-4108, USED, \$20.00

PORTABLE SIGNAL LIGHT

CANADIAN MORSE CODE SIGNAL LIGHT; MIRRORED REFLECTOR TILTED BY TRIGGER IN HAND GRIP, SIGHTING TUBE ON TOP, 4" CLEAR REPLACEMENT LENSES LISTED BELOW. TEN FOOT CABLE & 12 VDC 31 WATT LAMP. CAN ALSO BE USED AS SPOT LIGHT. COMES IN WOOD CARRYING CASE, 9x6 1/2 x 8, 15 LBS. CAN #5A USED \$14.95 EXTRA INTERCHANGEABLE LENSES IN RED, BLUE, GREEN OR CLEAR TINT \$1 EA. SET OF 4 \$3



MICROVOLTER

GENERAL RADIO 546-C MICROVOLTER, USED TO PROVIDE AUDIO FREQUENCY VOLTAGES FROM 0.5 UV. TO 1.0 VOLT FOR FREQ. RESPONSE MEASUREMENTS FROM 20 HZ TO 20 KHZ. WHEN USED WITH AN AUDIO OSCILLATOR. OUTPUT IMPEDANCE: 600 OHM. INPUT IMPED: 600 OHMS. DB METER AND CONTROLS FOR OUTPUT AND MULTIPLIER. REQUIRES 2.2 V. ACROSS 600 OHMS OR 8 MW. SIZE: 10x7 1/2 x 6 1/2, SHPG. WT: 12 LBS. SPECIFY GRAY OR BLACK-FINISHED MODEL. USED, REPAIRABLE, \$60.00

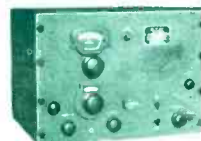


BENDIX TRANSMITTER

BENDIX TA-12B TRANSMITTER, 40 WATTS OUTPUT CW, MCW, AND PHONE FROM 300 TO 600 KHZ AND 3000 TO 7000 KHZ. EACH OF THE FOUR CHANNELS HAS ITS OWN OSCILLATOR, OSC. TUNING, AND LOADING. 0-5 RF AMMETER MONITORS ANTENNA CURRENT. WITH TUBES 4/12SK7 AND 3/807. ORIGINALLY USED WITH MP-28B 24 VDC 15 AMP DYNAMOTOR-MODULATOR (NOT AVAILABLE). POWER REQUIRED: 6.3 V. 3 AMPS, 260 AND 400 VDC EXTERNALLY MODULATED. SIZE: 10 1/2 x 15 x 11; WT: 40 LBS. USED, \$49.50



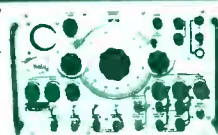
1.5 - 30 MHZ RECEIVER



CFT-46243 RADIO RECEIVER, ORIGINALLY USED WITH NAVY DAW DIRECTION FINDER SET. COVERS 1.5 MHZ TO 30 MHZ IN FOUR BANDS. SUPERHETERODYNE TYPE RECEIVER HAS CONTROLS FOR BFO, AF GAIN, SENSE GAIN, AND SENSITIVITY. WITH TUBES 4/6SK7, 2/6SH7, 6SJ7, 6SQ7, 6SA7, 6K6, 6H6, 6J5, 003, AND 5U4G. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 14 1/2 x 19 x 17 1/2, SHPG. WT: 90 LBS. USED REPAIRABLE, \$150

FREQUENCY COMPARATOR

CM-212/USM-144 FREQUENCY COMPARATOR, USED WITH FREQ. COUNTERS TO DETERMINE WITH HIGH ACCURACY FREQUENCIES FROM 10 MHZ TO 12.4 GHZ. MEASURES CW, FM, AND PULSE MODULATED RF SIGNALS. AN UNKNOWN SIGNAL IS FED INTO THE USM-144 AND IS COMPARED TO A MIXED FREQ. GENERATED FROM A STABLE AND CONTINUOUSLY ADJUSTABLE FUNDAMENTAL FREQ. FROM 100 TO 220 MHZ. THE DIFFERENCE IN THE UNKNOWN IS SHOWN ON A 2" DIA. (2BPI) SCOPE. FINAL DETERMINATION OF THE INPUT SIGNAL IS MADE BY THE ZERO BEAT OF THE FUNDAMENTAL FREQ. AND THE MULTIPLYING OF THAT VALUE BY THE APPROPRIATE HARMONIC. POWER REQUIRED: 115 VAC 50-440 HZ. SIZE: 19 1/2 x 13 1/2 x 13 1/2, SHPG. WT: 65 LBS. USED, REPAIRABLE, \$135



NOISEGUARD

NOISEGUARD HEARING PROTECTORS USED TO REDUCE NOISE LEVEL IN HIGH NOISE LEVEL AREAS. LIGHTWEIGHT ASSY WITH ADJUSTABLE HEADBAND. W/INSTRUCTIONS. #FM-2011 NEW 1 LB. \$4.95



ORDERING
INFORMATION
SEE PAGE 2


FAIR RADIO SALES CO., INC.

1016 EAST EUREKA STREET - P. O. BOX 1105
LIMA, OHIO 45802 - TELEPHONE (419) 227-6573

MINIMUM
ORDER
\$5.00

FAIR RADIO SALES CO., INC.


SHUNT
50 MV. 15 AMP
SIZE: 2x1 1/2 x 1 1/2
6625-810-6742
UNUSED \$2.50




500 MICROAMP DC
MOVE. FACE MARKED
"SET TO RED LINE"
LINE LEFT CENTER
MARKED "6 V" TOP
"150 V" BOTTOM.
3 1/2" ROUND SEALED, RUGGEDIZ.
TELECTRO TM-263.
#6625-255-0121 NEW \$6.95




425 MICROAMPE-
RES D.C. 4x4 1/2
SCALE, TOP 0-60
BOTTOM 0-3/15/
60 MARKED ACV
DCV AND MILLI-
AMPERES.
P/O 1-135E TEST SET, M-1
#P30033 USED \$6.95



DC VOLTMETER 3
IN. SQ. NO SCALE
COLORED SEGMENT
SIMPSON MFG. NEW
50 VDC #1913 \$6
25 VDC #1906 \$6



GE PANEL METER
1-0-1 MA. 3x2
3/4, 2 1/2 IN MTG
HOLE.
#76-632-0719
PRICE: UNUSED \$8.95




500 MICROAMPS.
D.C. RES. 300
OHM DC. 1 1/2" SQ.
1-3/8" MTG.
DEJUR MOD. 112
STK #3F3312-6.6
\$4.95




SELSYN METER
FOR CHECKING
LEAD AND LAG.
TERMINALS FOR
115 VOLT A.C.
AND FROM SEL
SYN. 4 1/2" DIA.
WESTON 543/245620 U \$6.95



MULTIMETER USED
TO TEST AIRCRAFT
CIRCUITS. FULL-
SCALE 100 UA.
1100 OHMS 10%
4x4 1/2 x 5 WT. 3 LBS
USAF-5200-474900
\$4.95



MICROMHOS DYNAMIC
MUTUAL CONDUCTANCE
USED IN 1-177 TUBE
CHECKER BASIC 0-1.4
MA. HICKOK #M547A
STK #3F1350 \$4.95




TV-2 REPLACEMENT
METER, 0-250
SCREEN VOLTS,
FS-1 MA. 2 1/2" RD.
SEALED. NEW \$5.95



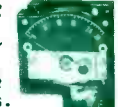
DECIBELS
-10-0-64 DB 6MW 600 OHMS
2 1/2" RD. WEST. 2837 \$4.95
-12-0-84 DB 100 UAFS 3 1/2" RD.
BLK. RUGG. WAC4586 N \$7.95
-10-0-64 DB 3 1/2" RD. FS-5VAC
WESTHM41286-1 NEW \$6.95
-20-0-34 DB FS-199 MUA 2 1/2" R
#GA50934 USED \$4.95

OTHER VALUES IN STOCK, WRITE
POWER SET +6 TO 0 TO-3
2 1/2" RD. FS-200 UA. WAGLINE
1496/400 RUGG/SEAL U \$3.95


VOLTS-AMPS-MILLI
0-1 MA 3 1/2 IN WITH
SHUNTS & MULTI-
PLIER RESISTORS
PROVIDE RANGES
LISTED: 0-120,
30, 60 AMPS; 0-3, 12,
30, 60, 300, 1200
VDC. METER, SHUNTS, MULTIPLIER
RESISTORS MOUNTED ON TERMIN-
AL BOARDS, REMOVED FROM UN-
USED EQUIP. HSM199 \$14.95




DUAL SCALE METER
0-1 MA MOVEMENT
TWO MECHANICALLY
SWITCHED SCALES,
0-25, 0-125. FOR
BEHIND PANEL MTG.
CAN BE ILLUMINATED
SHAFT EXTENDS 3/8" FRONT AND
REAR. 2 1/2 x 1 FACE, 2 1/2 x 3 x 1 1/2 OVE
ALL. UNUSED \$5.95



ROENTGENS
PER HOUR METER
50 MICROAMPERE
D.C. FULL SCALE
3 1/2" RUGGEDIZED
REMOVEABLE
PLASTIC LENSE,
BLACK FACE.
TOP SCALE 0-500, LOWER 0-10
#300-10764 UNUSED \$3.95



BALLENTINE
V.T.V.M.
METER
ONLY
AC VOLTS
1-10
DECIBELS
0-20
WESTON 643
4 1/2" OR EQ.
MFG. PT. NO. 205007 NEW
STK #6625-557-0899 \$8.95




OUTPUT METER
FOR TS-497B AND
TS-497C SIGNAL
GENERATORS.
300-0-300 DC
MICROAMPS. 3 1/2" RD.
MARION HS3, #5705 NEW \$7.95



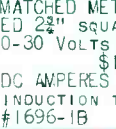
EDGE-WISE METER
0-100 D.C. MA.
FULL SCALE 20 MA
2 1/2 x 3 1/2 x 3/4 FACE
INTERNATIONAL 1135ULB \$5.95




MATCHED METERS CHROME PLAT
ED 2 1/2" SQUARE, 2" HOLE MTG.
0-30 Volts DC #1046A-12
\$1.95
DC AMPERES 400-0-400 SCALE
INDUCTION TYPE MOVEMENT.
#1696-1B \$1.95



PIC.#1 SCALES: OHMS 0-INF.
DCV 0-15, ACV 0-50, PP 0-40
0-150 DB-10-0-5 FS-200 UA
HEATH VTVM #407-62 N \$12




PIC.#2 SCALE #1 5W TO 0 #2
0-150 FS=750 UA 4x4 1/2 SQ.#
202130-139 FSN0562 N \$10



PIC.#3 SCALES OHMS 0-1000
VDC 0-30-10, VAC 0-30-0-10
4 1/2" x 4 1/2" #0752 NEW \$10



1-176 TEST UNIT METER FOR
MULTIMETER #8347 NEW \$15.



1016 E. EUREKA
BOX 1105, LIMA, OHIO 45802
TEL: AREA CODE 419 227-6573
STORE HOURS
9:00 A.M. TO 5:30 P.M.
MONDAY THRU SATURDAY

TERMS

PRICES NET, F.O.B. LIMA, OHIO
SEND CASH, CHECK OR MONEY
ORDER WITH PURCHASE ORDER.

MINIMUM ORDER \$5.00
Orders less than \$5.00
ADD \$1.00 HANDLING CHARGE

Include sufficient money for
shipping charges. (UNUSED
PAYMENTS RETURNED AT
ONCE.) Otherwise we will send
shipping charges collect.

C. O. D. ORDERS, SEND 25% OF
PURCHASE WITH ORDER. BAL-
ANCE will be COLLECTED
UPON DELIVERY.

When writing for information
PLEASE state what specific
information you desire.

AC VOLTMETERS

0-3VAC 3" RD. SUB PANEL MTG
1000 P/V 2F8003-11 NEW \$7.

0-7.5VAC 3" RD. STD.
WEST. CAY22237 NEW \$6.95

0-10VAC 2 1/2" SQ. OR RD. STD.
WESTON 517 NEW \$5.95

0-50VAC 4-1/8x4-5/8" STD.
#6227 NEW \$8.95

0-150VAC 2 1/2" RD. STANDARD
GRO-3169 USED \$5.95

0-300VAC 2 1/2" RD. RUGGED.
3F8300-72 USED \$4.95

0-300VAC 2 1/2" RD. STD. USED
SUN422/MR25300ACVV \$3.95

VAC SCALES 0-3/10/30/100 2 1/2
"RD. FS-1.5V 07231 NEW \$4.95

0-300VAC 3" SQUARE STD.
SIMPSON 6783 NEW \$6.95

OTHER VALUES IN STOCK, WRITE

AC AMMETERS

0-2 ACA 3 1/2" RD. SC.
WESTON 476 USED \$6.95

0-3 ACA 3 1/2" SQ. WIDE-VUE
SIMPSON M003ACA NEW \$9.95

0-40 ACA 3 1/2" RD. FS-5 AMP
SIMPSON 55R USED \$5.95

0-150 ACA 3 1/2" RD. FS-5AMP
#3974 NEW \$6.95

0-200 ACA 3 1/2" RD. FS-5AMP.
#9710 NEW \$6.95

0-300 ACA 2 1/2" RD. FS-5 AMP
WESTON 2524 RUGGED \$6.95

0-5MA-AC 3" SQ. STD.
WESTON 1302 NEW \$6.95

0-10MA-AC 3 1/2" RD. STD.
SIMPSON 56 USED \$5.95

0-25MA-AC 3 1/2" RD. STD.
TRIPLET 231S USED \$6.95

0-50 MA-AC 3 1/2" RD. STD.
WESTON 476 USED \$7.95

OTHER VALUES IN STOCK, WRITE

D.C. MILLIAMPS

0-1 DCMA MOVE. 0-150VDC SC.
2 1/2" RD. RUGGED #8973 N \$4.95

0-2 DCMA MOVE 0-2 SCALE
3 1/2" RD RUGG. #4078 N \$6.95

0-80 DCMA SCALE
2 1/2" RD. RUGG. #8274 N \$4.95

0-100DCMA 100MA. MOVE.
3 1/2" RD. RUGG. #4265 N \$6.95

0-150 DCMA SC. USED
3 1/2" RD. STD. CAY22061 \$5.95

0-200 DCMA SC. 2 1/2" RD. USED
#MR25200DCMA \$3.95

0-200 DCMA SC. 3 1/2" RD NEW
GE-CG22063 \$5.95

0-300 DCMA SC. 3 1/2" RD.
GRO-300 USED \$4.95

0-500 DCMA SC. 3 1/2" RD.
GRO-500 USED \$4.95

0-500DCMA 3" sq.
SIMPSON D092 USED \$4.95

0-750 DCMA 3" sq. 2000 OHM
P/V SIMPSON M27/750 U \$4.95

FULL SC. 1.2 MA. 0-100 SC.
2 1/2" RD. 3F910-47 U \$2 NEW \$3

D.C. MICROAMPS

0-200 D.C. MICRO-
AMPERES, 3 1/2"
ROUND. CENTER ADJ
USTMENT. USED
WE#167807 \$4.95



0-200 DC MICROAMPERES, 3 1/2"
RD. RUGGEDIZED, MARION
HS-3 #3981 NEW \$4.95

0-200 DC MICROAMPERES 2 1/2"
RD. PLAIN SCALE MARKED CAL-
IBRATE-ZERO. RES 75 OHMS
#6625-504-2327 NEW \$4.95

50 UA MOVEMENT, SCALE -30,
0, 150, POINTER AT ZERO, SEAL
ED, 2 1/2" RD USED TRC30150 \$4

50 UA MOVE, SCALE 0-100 %
MOD/PEAK VOLTS. SEALED
2 1/2" RD USED TRC10050 \$4.00

FS-100MUA, COLORED SCALE NO
NUMERALS 2 1/2" RD. RUGGEDIZED.
WESTON 1521/4967 NEW \$5.95

DS-200MUA. SCALE 0-25/0-5
1 1/2" HOLE MTG. 2" RD. RUGG.
#519-7432 NEW \$3.95

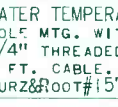
OTHER VALUES IN STOCK, WRITE

LP-GAS METER 2" HOLE MTG.
CHROME 0-1VDC 48560-2 \$1.50



WATER TEMPERATURE METER 2"
HOLE MTG. WITH HEAT SENSOR
3/4" THREADED COUPLING AND
6 FT. CABLE. SCALE 100-220
KURZ#ROOT#157-E3-2003 \$5

0-20 DCA SCALE
50mv 3 1/2" N \$10.



0-6 D.C. AMPS
2 1/2" #8678 \$10

0-500 MA/AC 3 1/2" #6775 \$15

BIG LOOK

0-100 DC AMPS
4 1/2 x 4 1/2 6317 \$15

100-0-100 DCA
3 1/2" sq 6775 \$10

SIMPSON SIGNAL STRENGTH
0-100. 200 UA. 1 3/4 sq
NEW #21-9400 \$7.95

D.C. VOLTMETERS

NO SCALE, FS-6VDC, 5000OHM
P/V 3 1/2" RD RUGG#6648 NEW \$8

0-1VDC SC. 2 1/2" RD. RUGGED
FS-1V #0887 NEW \$5.95

0-10VDC SC. 2 1/2" RD. RUGGED
#2979 NEW \$5.95

0-30VDC SC. AIRCRAFT TYPE
2 1/2" sq. AN3203/4782 NEW \$15

0-80VDC SC. 3 1/2" RD. 1000OHM
P/V #8142 NEW \$6.95

0-100VDC SC. 2 1/2" RD. RUGGED
#9545 NEW \$5.95

0-200VDC SC. 3 1/2" RD. 1000OHM
P/V WESTON 301 USED \$5.95

0-250VDC SC. 3 1/2" RD. 1000OHM
P/V WESTON 301 USED \$5.95

0-300VDC SC. 2 1/2" RD.
WESTON 506 NEW \$5.95

0-500VDC SC. 3" sq.
#231-1624 NEW \$5.95

0-500VDC SC. 2 1/2" RD. RUGGED.
FS-500UA #683-9829 NEW \$5.95

PEAK VOLTS 0-5/10/20 SCALES
FS-500 UA 2 1/2" RD. UNUSED
WESTON MODEL 1021 \$4.95

R.F. AMMETERS

0-5 ANT CURR. W/TRANS. COIL
2 1/2" RD. M101/ART13 U \$5.95

0-15 RF 3" sq. FS-1MA.
SIMPSON 271 U \$8.95

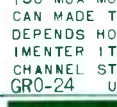
0-5 RF 2 1/2" RD. BLK FACE
SIMPSON MR25R005FLAA U \$8

0-.5 RF W/THERMO 2" RING
MTG. NO RING M10A U \$6

AC VOLTS PORTABLE
0-15 & 150 SCALES
SUP#1550 USED \$15



OIL - TEMP
INDICATORS
DUAL MOVE-
MENT & COIL
W/8 RES. IN
SERIES/PARA
LEL, 280 MU
AMP AT PLUG



150 MUA MOVE. POINTERS
CAN MADE TO READ UP/DOWN
DEPENDS HOW WIRED. EXPER-
IMENTER ITEM FOR MULTI-
CHANNEL STEREO USE.
GRO-24 USED \$2.95

DC AMMETERS

0-20ADC 2 1/2" RD.
WESTON 506 \$5.95

0-150ADC 3" sq. 50 MV SHUNT
REQ. #8397 NEW \$6.95

0-450ADC 1 1/2" sq. 50 MV SHUNT
REQ. 152049 NEW \$5.95

100-0-100DCA 1 1/2" SIMPSON
WIDE-VUE 50MV REQ#2347 \$5.95

AUTOMOTIVE TYPES 2 1/2" RD.
0-30DCA. EMICO 2105 \$2.95
20-0-20DCASTERLING 2020 \$2.95
30-0-30" SW 6625-9014 \$3.95

OTHER VALUES IN STOCK, WRITE

SIMPSON **Wide-Vue**
0-100 DC AMPS
4 1/2 x 4 1/2 6317 \$15

100-0-100 DCA
3 1/2" sq 6775 \$10

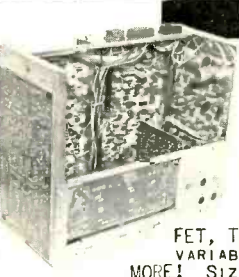
SIMPSON SIGNAL STRENGTH
0-100. 200 UA. 1 3/4 sq
NEW #21-9400 \$7.95

RECENT COMPUTER SURPLUS TRANSISTOR BOARDS
BOARD #1 8"x6" OVER 100 TRANSISTORS, MANY
DIODES, RES., INDUCTORS, TRIMPOTS, CAPS
ETC. FOUR #1 BOARDS \$4.00
BOARD #2 5"x7" 50 TRANSISTORS
RES., CAPS, ETC.
FOUR #2 BOARD \$2.50
BOARD #3 4x6, OVER 150
SILICON TRANSISTORS,
RES., CAP, ETC 4/#3BD \$4



SANDY'S TRANSISTOR BOARD SPECIAL WITH TRANSISTORS, DIODES SEMI-CONDUCTORS, COND. RESISTORS ET APPROX. 100 TRANSISTORS PLUS OTHER PARTS. 4 LBS. \$1

CARTRIVISION COMPONENTS



FISH TANK
FISHTANK OF ELECTRONIC COMPONENTS, P/O VIDEO TAPE SYSTEM. CONSISTS OF DEMODULATOR, SERVO-AMP, DROPOUT COMPENSATOR, PER/POST PROCESSOR DC POWER SUPPLY (115 V 60 HZ; OUTPUT -12/-12 1AMP REG, 5 VDC 1 AMP UNREG. MANY PARTS, IC'S, FET, TRANSISTORS, TRANSFORMER VARIABLE RESISTORS, CAPACITOR MORE! SIZE 14x12x6 1/2 WT 15 \$19.95

TIMER BONANZA

TIMER CONTROL, CARTRIVISION COMPONENT, TIMER MOTOR 115V 60 HZ W/SPDT CONTACTS, UP TO 8 HOUR DELAY. 18V 200MA TRANSFORMER, RELAY SPST 12V SLIDE SWITCHES SPDT, 4PDT CENTER OFF, SPST MICRO SWITCH RECTIFIER, CAP, TRANSISTOR, MORE! \$2.95



Cermet Trimmer

195/RJ12 CERMENT TRIMMERS
1 1/2" RECTILINEAR 23 TURN.
79¢ EACH. 2 FOR \$1.50

TYPE P
500, 5K
10K, 50K
100K, 1MEG

TYPE Y
50 1K 5K 20K
200 2K 10K 25K
250 2.5K 20K 50K

TYPE L
50, 100, 1K, 200K

THREE CHANNEL ULTRASOUND DEVICE, USED IN REMOTE CONTROL OF TV SETS. UNIT CONSISTS OF THREE CHANNEL RECEIVER, PICK-UP, 2 CHANNEL MECHANICAL ACTUATOR. 2 CHANNELS 42KHZ AND 46KHZ ACTUATE SPDT GROUNDING RELAYS. THE THIRD CHANNEL 44KHZ, ACTUATES A STEPPER RELAY TO CONTROL VOLUME. THIS 3RD CHANNEL IS NOT ACTUATED BY THE ACTUATOR SUPPLIED. TRANSISTORIZED UNIT OPERATES FROM 115V 60HZ. RECEIVER SIZE 5 1/2x3 1/2 SH WT 5 LBS WITH HOOK-UP DIAGRAM UNUSUED \$14.95

BURROUGHS DIGITAL DISPLAY UTILIZING THREE NUMERICAL NIXIES (122P224). CAN BE ADAPTED INTO COUNTER, TIMER, OR SIMILAR. CONTACT CLOSURE MAY BE PRESET FROM 0 TO 499 COUNTS USING THE SELECTORS ON THE FRONT. INPUT PULSE: 24 VDC 0.5 MA OR 24-120 VAC WITH MAX. DURATION 150 MILLISEC. MAX. COUNT SPEED: 220 PER MINUTE; POWER REQUIRED: 115 VAC 60 HZ. 10"x6 1/2"x5; WT: 12 LBS. MDA#101S824, UNUSUED, \$9.95

MAGNETIC IDENT HOLDER

IDENTIFICATION HOLDER MADE OF METAL WITH CLEAR PLASTIC TOP FOR INSERTING COPY IN-BETWEEN & MAGNETS FOR HOLDING ON STEEL. SIZE: 3 1/2"x12; 8 OZ. \$1.00 EA. 2 FOR \$1.75

Cermet Trimmer



385 TYPE
50, 1C, 2C, 5C
1K, 2.5K, 3K, 5K, 10K, 20K, 25K, 50K, 100K, 200K, 500K, 1MEG
39¢ EA.
3-\$1.00

M174/RJ22
1C, 2C, 5C, 1K, 2K, 5K, 10K, 25K, 50K, 100K, 200K, 500K, 1MEG.
59¢ 2/\$1

M175/RJ22
2C, 5C, 1K, 5K, 10, 25K, 50K, 100K, 200K, 250K, 500K, 1MEG.
59¢ 2/\$1

M176/RJ22
1K, 5K, 10K, 20K, 25K, 50K, 100K, 500K, 2C, 500
59¢ 2/\$1



170 TYPE
1C, 1K, 2.5K, 5K, 10K, 25K, 50K, 100K, 200K, 250K, 500K, 1MEG.
65¢ 2/\$1.20

171/PCS
1C, 2C, 250, 5C, 2.5K, 5K, 10K, 25K, 50K, 100K, 250K, 500K, 1MEG.
65¢ 2/\$1.20

171/PCS
1C, 2C, 5C, 1K, 2K, 5K, 10K, 100K, 250K, 500K, 1MEG.
65¢ EA.
2-\$1.20

172 TYPE
1C, 2C, 5C, 1K, 2K, 5K, 10K, 25K, 50K, 100K, 250K, 500K, 1MEG.
65¢ EA.
2-\$1.20

165 TOP ADJ. 3/8" SQ. 165 SIDE ADJ. 3/8" SQ.
20, 50, 1C, 5C, 1K, 2K, 10, 25K, 100K, 200K, 250K, 500K, 1MEG.
39¢ 3 - \$1

190 CERMET TRIMMER 20 TURN
3/4" RECTILINEAR; 200, 100K, 200K. 79¢ EA. 2 FOR \$1.50

DOLLAR DAZE SOME ITEMS AVAILABLE IN QUANTITY. WRITE FOR PRICE.

1-77 SLA-1 LED .33 INCH 0-9 WITH DECIMAL EACH \$1.00	17 CONTROL BOX; W/SWITCHES 1EA. DPDT, DPST, SPST ALSO 3 PILOT LITES W/BULBS \$1.00	33 VINYL COVER FOR TYPEWRITER, FITS BASE 18x18 MAX HEIGHT 8 INCHES \$1.00 EA
SLA-2 LED .33 INCH, 1 (PLUS) - (MINUS) & 1 (ONE) 2 FOR \$1.00 2-77	FELT FOOT MOUNTING; 3/4" DIA. FT. MTG. STUD 1" LG. 8/32 THREAD 12 FOR \$1.00 18	CKT BRD 38 FUSES 8A, 28EA. IN1487 23 RESISTORS, 3 TANT. CAPS 2/\$1 34-77
TRIPLET AC ADAPTER 5.8VDC 310MA WHEN USED WITH EXTERNAL CAPACITOR(NA) 3/\$5.00 3	FELT FOOT MOUNTING; DIAMOND SHAPE ROUND ED CORNERS, 1 1/2x1 1/2, 8/32 HOLE 12 FOR \$1.00 19	LEE PANEL "L" 3 TRANS. 1 SM. HEAT SINK, 9 RES. 2-10 W.PHENOLIC 4/\$1 35-77
IC BOARDS, 30 IC'S, MRTL, RTL, HOUSE NO. TTL TRANSISTORS/CAPS \$3 4-77	US ARMY ARMOR COMMUNICATIONS ELECTRONIC DATA, ST 24-18-1 6-73 \$3.00 20-77	LEE PANEL "J" 9 TRANS., 19 RES. 2-10 W.3 SM. HEATSINKS PH.BD 2/\$1 36-77
2N604 HIGH SPEED SWITCH AND AMPLIFIER 14 FOR \$1.00 5-77	FIVE COND. CORD 20' LG. 5 PRONG PLUG 1 END, FLEX. 2 FOR \$1.00 21-77	PANEL D, 3 TRANS, 8 DIODES, 6 RES 2-2/\$1 37 OWATT. PHENOLIC BRD, ANGLE BRACKETS
12 VOLT SWITCHING SILICON TRANSISTOR. HOUSE NUMBER 12 FOR \$1.00 6-77	GAS-GUARD, SPRING COIL TYPE, 2" AT LGE. END, 5 1/2" LG. 3 FOR \$1 22-77	M-210 SIGNAL CORPS TRIPLICATE MESSAGE BOOK WITH CARBON. 3/\$1.00 38
PHOTO-CELL 12V SENSITIVE SW. CLAREX CL-407 3 FOR \$1 7-77	BRASS COUPLINGS FOR 3/8" SHAFTS, 3/4" LG. 3 FOR \$1.00 23-77	90 SWIVEL BASE, 5x5, AS USED ON TV ETC. REMOVE STOP FOR 360 ROTATION 3/\$2.00 39
MINI-BOX; 2 PC. 6x4x3, W/HOLES FOR SLIDE SW, 2/5-16, 1/2, 3/3-16 & 7/7-8 HOLES \$1.00 8	MINIATURE TUBE PIN STRAIGHTENER 8 & 10 PIN. 2 FOR \$1 24-77	TIMER MOTOR 115 V 50 HZ 3/4 RPM 2/\$1.00 40
REC-TRANS CHASSIS; SOLID STATE FOR USE IN BROADCAST BAND, 2 1/2x6x1, NO/CASE \$2.00 9	MOBILE PLATE W/SPST SW, LITE, JACK, 10 COND. 6' WIRE 3 1/2x3 1/2 PLATE \$1 25-77	COUNTERS SMALL MECHANICAL TYPES 3 TYPES \$1.00 41-77
SENTRY ALARM; BUZZES WHEN PIN IS PULLED SIZE 2 1/2x3 1/2, REQ. 9 VOLT BATT. \$1.00 10	COILED CORD 3 COND. 18-36" TELEPHONE USE, PINK OR GREEN 3 FOR \$1.00 26-77	ID-98/APN, USES LAMP TO INDICATE RF FIELD INTENSITY. 5" ELEMENTS, \$1.00 42
CLEAR PLASTIC 1/4" PLASTIC TAPE REEL 7" 2 FOR \$1.00 11	LINE CORD; STANDARD, MOULDED PLUG, 6' TINNED ENDS, 2 COND. # 18 3 FOR \$1.00 27	TAPE, RUBBER, ADHESIVE, 3/4" W.X15' .045" THICK TL-192 3 FOR \$1.00 43-77
PLASTIC MITTENS 12 PAIR \$1.00 12	PHONE PLUG 3 CONDUCTOR, ON 24" COILED CORD RETRACTED, 48" STRETCHED. \$1.00 28	PM SPEAKER REM T-39/SCR-511. 2 1/2 DIA 1 1/2" D. 3 OHMS DC RES. \$1.00 44
TOGGLE SWITCHES; SPST, CUT-OFFS 5/\$1.00 13	NON-SKID RUBBER TURNABLE MATS, 11 1/2" DIA. 1 1/2" CENTER HOLE. 2 FOR \$1.00 29	RELAY TIME DELAY SPST, 110 SEC, N.O 115V 6 A. OCTAL SOCKET 3 FOR \$1 45-77
PUSH SWITCHES; SPST, NORM/OPEN 5/\$1. 14	MIXED HARDWARE, SCREWS, NUTS WASHERS ETC. REMOVED FROM EQUIP. ALL USEABLE 5LBS \$1 30	RELAY ASST: AC, DC, 6, 12, 24, 48 VOLT, OPEN, SEALED, PLATE RELAYS ETC. 5/\$1.00 46
PUSH SWITCHES; SPST, NORM/CLOSED 5/\$1. 15	HORSESHOE MAGNET, 2 3/8x 2 1/2 2/\$1.00 31	METAL STAND, BASE 8x11 LEGS EXTEND OUT & DOWN FROM BASE 16x13x2 1/2 H. 5LB 2/\$1.00 47
SLIDE SWITCHES; 2PST & 1PDT 5/\$1. 16	APPLIANCE SWITCH SP2P, SPST W/OFF. 20AMP MAX TOTAL CURRENT, 120/230V 60HZ \$1.00 32	GP-16, 24" STEEL GUY & GROUND STAKE WITH SCREW TERMINAL. APPROX 3/4" DIA 2/\$1.00 48

BC & ARC COMMAND SETS

THE COMMAND SET SERIES OF TRANSMITTERS AND RECEIVERS HAVE BEEN POPULAR FOR MANY YEARS ON THE SUPPLUS MARKET.

THE SERIES CONSISTS OF SEVERAL SEPARATE UNITS COVERING THE FREQUENCY RANGE OF 190 KC TO 9.1 MC FOR THE RECEIVERS AND 2.1 TO 9.1 MC FOR THE TRANSMITTERS.

IF YOU ARE NOT FAMILIAR WITH THE CONVERSION OF THIS EQUIPMENT IT IS SUGGESTED THAT YOU PURCHASE CONVERSION MANUAL COVERING THE SET.

CQ SURPLUS CONVERSION MANUAL, WHICH INCLUDES COMMAND SETS IS AVAILABLE FROM US FOR \$4.50 (FOR OTHER CONVERSION MANUALS SEE PAGE 21)



THE RECEIVERS ARE SIX TUBE SUPERHETERODYNE WITH THE FOLLOWING TUBE LINE-UP; 1/12A6, 1/12K8, 3/12SK7 & 1/12SR7. DESIGNED TO OPERATE WITH THE USE OF A DM-32 24 VOLT D.C. DYNAMOTOR WITH AN OUTPUT VOLTAGE OF 250 VDC @ 60 MA. ALSO REQUIRES 24 VOLTS FOR FILAMENTS. THE SET WAS TUNED FROM A REMOTE POSITION BY THE USE OF A FLEXIBLE SHAFT AND CONTROL BOX. SIZE: 5x5x11; WT: 12 LBS.

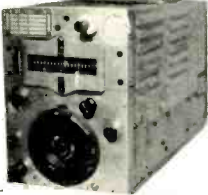
BC-453/R-23 190 to 550 KHZ USED \$18.95

BC-455/R-27 6.0 to 9.1 MHz RE-COND 19.95

R-25/ARC-5 1.5 to 3.0 " UN-USED 24.95

R-28/ARC-5 100 to 156 MC CRYSTAL CONTROL ON FOUR PRE-SET CHANNELS WITH 24 VDC MOTOR, NOT CONTINUOUS TUNING. USES SAME VOLTAGE BUT DIFFERENT TUBES. SEE CONVERSION MANUAL FOR DETAILS TO MAKE CONTINUOUS TUNING. USED \$18.95

THE TRANSMITTERS WITH PROPER USE CAN PUT OUT 50 WATTS CW AND 30 WATTS ON PHONE. MODULATION IS OBTAINED FROM SEPARATE UNITS, BC-456 FOR SINGLE TUBE MOD. AND MD-7 FOR PUSH-PULL MOD. THE DM-33 DYNAMOTOR IS USED TO SUPPLY THE VOLTAGES AND IS MOUNTED ON THE MODULATOR. VOLTAGES REQUIRED 575-600 VDC @ 175-200 MA. AND 24 VOLTS. WITH TUBES 2/1626 & 1/1629 MAGIC EYE TUBE FOR TUNING AND CRYSTAL FOR CALIBRATION. SIZE: 5x7x12; 12LB



BC-457 TRANSMITTER 4.0 to 5.3 MHz NEW \$14.95
BC-458 " 5.3 to 7.0 " " \$14.95

CV-431 FREQ. CONVERTER-TRANSMITTER FOR 228-258 MHZ. RECEIVER CONVERTS SIGNALS FROM 228-258 MHZ TO 118-148 MHZ WHICH HAS TO BE FEED INTO A SEPARATE REC. IN THE 118-148 MHZ RANGE. TRANS. IS 8 CH. CRYST. CONTROL. VOLTAGE REQ. 24VDC & 250VDC 60 MA. WITH TUBES 4/5763, 1/6201 & 1/6939. SIZE: 5x4x11; WT: 7LB. USED \$12.95

BC-456 MODULATOR FOR USE WITH COMMAND TRANSMITTERS, SINGLE TUBE MODULATION WITH TUBES 1/1625, 1/12U5GT AND 1/VR-150. HAS PROVISIONS FOR MOUNTING DM-33 DYNAMOTOR. SIZE: 7x8x10; WT: 11LBS USED \$9.95

MD-7/ARC-5 MODULATOR SAME AS BC-456 ONLY USES 2/1625 TUBES IN PUSH-PULL FOR 40 to 60 WATTS. USED L/COVER \$9.95

COMMAND RECEIVER AC POWER SUPPLY SEE PAGE 20

SPIN TUNING KNOB FOR RECEIVERS \$2.00
DM-32 DYNAMOTOR 24 V FOR REC. UN-USED 4.95

35X032 DYNAMOTOR FOR REC. 12 VOLT 4.95
C-56 CONTROL BOX F/REC. TUNING & TRANSMITTER CH. SEL. 118-148 MHZ. VOL. CONT. ETC. \$8.95
FLEXIBLE SHAFTS MC-215 FOR COMMAND EQUIPMENT 6 FT. \$1.50 EACH ADDITIONAL FT. 25¢ EXTRA.

DYNAMIC SPEAKER FROM R-48/TRC-8; 3 1/2" DIA. CONE; PM; ONE WATT NORMAL, 2 WATTS PEAK. 4-OHM IMPED. OVERALL SIZE: 4x4x2 1/2; WT: 3 LBS. PRICE: \$4.95



LOUDSPEAKER, DYNAMIC; PERMANENT MAGNETIC FLD 4" DIA. 100-160 MILLIWATTS, SCREEN COVER, 8FL P/O PP-308/GHR-5 #LS-101 6LBS. USED \$4.95

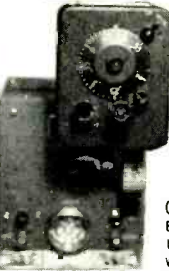
RECEIVER-TRANSMITTER

BC-669 RADIO RECEIVER AND TRANSMITTER, FREQ. RANGE FROM 1680 TO 4450 KC. OPERATING RANGE IS 20-30 MILES FROM FIXED STATIONS AND 15 MILES FOR MOBILE ONES, DEPENDING UPON ENVIRONMENTAL CONDITIONS. THE TRANSMITTER SECTION WITH AN OUTPUT OF 45 WATTS, SENDS VOICE MODULATED SIGNALS, WHILE THE RECEIVER IS OF THE SUPERHETERODYNE TYPE, DETECTING BOTH VOICE MODULATED AND TONE MODULATED C-W TELEGRAPH SIGNALS. HAS SIX CRYSTAL-CONTROLLED FREQUENCIES WHICH MAY BE PRESET FOR TRANSMISSION AND RECEPTION. MANUAL CONTROL FOR RECEIVING IS ALSO PROVIDED. WITH TUBES 6H6, 6J5, 6K6, 5/6L6, 6SA7, 3/6SK7, 12J5, AND 2/807. POWER SUPPLY REQUIRED 115V. AC 60 CYCLE (PE-110). SIZE: 18x21x13 WT: 150 LBS. PRICE: USED NEED WORK, \$39.95
PE-110 115V. AC POWER SUPPLY FOR BC-669; WT: 100 LBS. PRICE: \$30.00 USED
RM-21 CONTROL BOX FOR REMOTE OPERATION OF BC-669, WT: 8 LBS. PRICE: \$3.95 USED



BROADCAST RECEIVER

R-22 RECEIVER 550 TO 1500 KC AM, ONE BAND CONTINUOUS TUNING, NO DIAL (SEE BELOW FOR CONTROL BOX) WITH TUBES 2/14A7, 1/14S7, 1/14R7, 1/14F7 AND 1/12A6. VOLTAGES REQUIRED 250-290 VDC @ 50-90MA. AND 24 VOLTS. SIZE: 6x5x11 1/2; WT: 10 LBS. PRICE: NEW \$22.50
CONTROL BOX & ADAPTER FOR RECEIVERS WITHOUT DIALS. UNIT ILLUSTRATED IS NOT AVAILABLE. WE WILL SHIP WHATEVER TYPE THAT IS SUITABLE & AVAILABLE \$6.95



SCR-522 RECEIVER-TRANSMITTER AM CRYSTAL CONTROL, 30 WATT, 4 CHANNEL ON ANY FREQ. IN THE 100-156 MC RANGE. TUBES TRANS. 2/832, 6SS7, 3/12A6, 6G6 REC. 1/9002, 9003, 12C6, 12H6, 3/12SG7, 12A6 & 2/12A7. UNITS CAN BE RE-MOVED FROM CABINET CASE SEPARATELY. REQUIRES POWER SUPPLY. SIZE: 16x12x10 1/2; WT: 50 LBS. RE-COND \$34.95 CONNECTOR PLUGS, \$1.50 EA. OTHER ITEMS AVAILAB.



R-77/ARC-3 VHF RECEIVER A.M. 100-156 MC, CRYSTAL CONTROL ON 8 PRE-SET CHAN. WITH TUBES 6/6AK5, 3/12SG7, 2/12SN7, 1 EA. 9001, 9002, 12A6, 12H6, 12SL7 & 12SH7. VOLTAGE REQ. 24 VDC & 210 VDC @ 210 MA. SIZE: 11x7x15; WT: 21 LBS. USED \$24.50
R-5009/ARC-502 SIMILAR TO ARC-3 EXCEPT MADE FOR CANADA. (WE WILL SHIP WHAT IS AVAILABLE)
T-67/ARC-3 TRANSMITTER A.M. 100-156 MC, 8 CHAN. PRESET CRYSTAL CONTROL. WITH TUBES 2/832, 2/6L6 3/6V6, 1/6J5 & 1/12SH7. VOLTAGE REQ. 24 VDC & 410 VDC @ 325 MA. SIZE: 15x10x12 1/2; WT: 22 LBS. USED \$24.95 CONNECTOR PLUGS \$1.50 OTHER ITEMS AVAILABLE.



T-366A/ARC TRANSMITTER 116 TO 132 MC, 5 CHANNELS CRYSTAL CONTROL WITH 5/5763 TUBES FOR 24- to 28 VOLTS D.C. OPERATION. USES ARC-14958 CRYSTALS. APPROX. 5 WATTS OUTPUT, USED IN AIRCRAFT. SIZE: 4 1/2x4 1/2x6; WT: 6 LBS. PRICE: RE-COND. \$16.95



R-15/R-509 RECEIVER VHF 108-135 MC. AM. CONTINUOUS TUNING NO DIAL ON REC. DESIGNED FOR REMOTE USE, 15 MC. I.F. REQ. 24-28 V. FOR FILAMENTS AND 250 VDC 60 MA. HV. HAS FACILITY F. MTG. DYN. ON REAR, AS D-10/DM-32 ETC. W/TUBES 14A7, 12A6, 9002, 2/14R7, 9003 R-15 NO SQUELCH USED \$16.95



R-101/ARN-6 RADIO COMMAND-PASS RECEIVER, 100-1750 KC IN FOUR BANDS, WITH TUBES 6/12SK7, 4/12SX7, 2/26A7, 2/2050, 1/12SY7 & 1/12SX7. POWER REQUIRED 24-28 VDC. SIZE: 11x7x15 1/2; 40 LBS PRICE: USED \$39.50

AS-313/ARN-6 LOOP ANTENNA USED \$7.95
10-91/ARN-6 INDICATOR 3" NEW 8.95
PD-5/ARA-19 TUNING DRIVE USED 9.95
AM-203B/ARA-19 AMPLIFIER NEW 8.95
C-403/ARN-6 CONTROL PANEL USED 8.95
MC-124 FLEX. TUNING SHAFT 20 IN. USED 1.50
MC-203 "T" ADAPTER USED 1.50
MC-136 RIGHT ANGLE ADAPTER USED 2.00



AIRCRAFT RADIO RECEIVER 108-135 MHZ, FACILITIES AVAILABLE FOR USE VOICE, VOR, VAR, AMP-LOC, CONTINUOUS TUNING, NO DIAL ON REC., DESIGNED FOR REMOTE USE. FOR TUNING LOCALLY SEE ADAPTER DESCRIBED ELSEWHERE ON THIS PAGE. WITH TUBES 3/9003, 1/9002, 2/14R7, 1/14A7, 1/14F7 & 1/12A6. POWER REQ. 28 VDC & 250 VDC 60 MA. OR DYNAMOTOR D-10/DM-32 OR EQUAL. SIZE: 6x5x11 1/2; 10 LBS. R-445/ARN-30 USED \$19.95

R-518 RECEIVER

R-518/FRR-27 RECEIVER, SINGLE-CHANNEL CRYSTAL-CONTROLLED RECEPTION OF AM OR TONE SIGNALS IN THE 100 TO 156 MHZ. RANGE. DOUBLE CONVERSION DESIGN WITH IF'S OF 23 MHZ AND 3 MHZ. AUDIO OUTPUT: 1.5 WATTS INTO 200-600 OHMS, 15 MW PHONE. ANTENNA INPUT: 50 OHMS UNBALANCED. WITH SQUELCH AND TUBES 3/12A7, 2/6AU6, 5654 2/6AV6, & 6005. POWER REQUIRED: 115 VAC 60-60 HZ. SIZE: 19x6x18 1/2; 45 LBS. USED, \$45.00



VHF RECEIVER-TRANSMITTER

VHF TRANSMITTING AND RECEIVING EQUIPMENT AM 100 TO 156 MC. CRYSTAL CONTROL ON 4 PRESELECTED CHANNELS IN THE RANGE SPECIFIED. R-28/ARC-5 RECEIVER (SHOWN ON THE LEFT) CRYSTALS ARE INSERTED IN THE FRONT OF THE SET BEHIND THE ACCESS DOOR, FREQ. DIAL AND SQUELCH ADJ. ARE ALSO ON THE FRONT. SELECTION OF CHANNEL IS DONE REMOTELY WITH THE USE OF THE C-30 /ARC-5 CONTROL UNIT WHICH IS AVAILABLE SEPARATELY. WITH TUBES 4/717, 3/12SH7, 2/12SL7 & 12A6 VOLTAGES REQUIRED 24/28 VDC FOR RELAYS AND SELECTOR MOTOR ETC. 250 VDC & 60 MA. HIGH V. DM-32 DYNAMOTOR CAN BE USED ON THE REAR OF THE SET FOR THE HIGH VOLTAGE. (FOR VARIABLE TUNING SEE SURPLUS CONVERSION MANUAL VOLUME III PRICE \$3.50) SIZE: 14x7x4 1/2; WT: 16 LBS. USED \$18.95

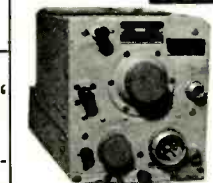


T-23/ARC-5 TRANSMITTER (SHOWN TO THE RIGHT) THE OUTPUT OF THIS UNIT AS DESIGNED IS APPROX 10 WATTS HIGHER OUTPUT CAN BE OBTAINED AS IT HAS (2) TWO 832 TUBES AND TWO 1625'S. THE AUDIO POWER FOR MODULATING IS FURNISHED BY THE MD-7/ARC-5 MODULATOR WHICH IS AVAILABLE SEPARATELY. FREQ. CHANNEL SELECTION IS MADE BY USE OF THE C-30 CONTROL UNIT WHICH IS AVAILABLE SEPARATELY. VOLTAGES REQ. 24/28 VDC FOR RELAYS & SELECTOR MOTOR ETC. APPROX 600 VDC @ 175 MA F/HIGH V. SIZE: 15x8x5 1/2; WT: 15 LBS. RE-NEW \$24.95
MD-7 MODULATOR; PUSH-PULL MODULATOR DESCRIBED ON PAGE 4 OF OUR REGULAR CATALOG RE-NEW \$12.00



RECEIVER

R-11A RECEIVER 190-550 KC ONE BAND, 85 KC IF FREQ. WITH TUBES 2/14A7, 1/14S7, 1/14R7, 1/14F7 & 1/12A6 (14 SERIES TUBES ARE LOCAL FILAMENTS ARE WIRED FOR 12-14 OR 24-28 VOLTS, HIGH VOLTAGE REQ. 250 VDC 60MA. NO DIAL, DESIGNED FOR REMOTE USE BUT ITEMS LISTED BELOW CAN BE ADAPTED FOR LOCAL TUNING. SIZE: 6x5x11 1/2; WT: 10 LBS. USED \$12.95
TUNING CONTROL BOX & ADAPTER AS DESCRIBED IN LEFT COLUMN, 2ND ITEM \$6.95



EQUIPMENT BLOWERS



FASCO DUAL BLOWER 50 C.F.M. 115 VOLT 60 CYCLE .74 AMP. 2800 R.P.M. OUTLETS 2x1-5/8, 1 OUTLET IS PARALLEL TO MTG. BASE OTHER IS AT APPROX. 90° BUT CAN BE MODIFIED AS SHOWN IN ILLUSTRATION, INLETS 2". OVERALL SIZE 7 1/2 x 6 x 5 1/2; 10 LB FASCO TYPE 21 XEROX #127S217 NEW \$10.00



DAYTON BLOWER C.F.M. 115 VOLT 60 CYCLE 1500 R.P.M. 0.7 AMP. INLET 5" OUTLET 3 x 3, OVERALL SIZE 7 1/2 x 7 x 5; WT: 12 LBS. STK.#9M-439 NEW \$10.95

HEINZE DUAL BLOWER 120 C.F.M. 115 VOLT 60 CYCLE, 3000 R.P.M., .6 AMPS. INLETS 2" OUTLETS 2", OVERALL SIZE 8 1/2 x 6 x 6; WT: 12 LBS. HEINZE#D60362J52 USED \$8.95

EASTERN AIR DEVICES BLOWER 100 CFM CAPACITOR TYPE MOTOR 120 VOLTS 60 CYCLE, 3300 R.P.M. INTAKE 3" OUTLET 2x2 1/2, OVERALL SIZE 6x6x6 w/MTG. EAD#B7ABLC-2DR USED \$12.95

TORRINGTON BLOWER, 200 CFM, 220 VOLT 3000 RPM, (110 v. 1500 RPM 100 CFM) INTAKE 4", OUTLET 2 1/2 x 3, OUTLET MTG. 4" DIA. OVERALL SIZE 7x7x7 1/2. 10 LBS TORRINGTON#A13980 NEW BOXED \$18.95

ORDANANCE BLOWER 6 VOLTS D.C. APPROX 180 C.F.M., TURBINE TYPE IMPELLER, INTAKE 3" OUTLET 1" DIA., OVERALL SIZE 6 1/2 x 6 1/2 x 4; WT: 7 LBS. ORD.#G486392 NEW \$7.95

EASTERN AIR TWO SPEED BLOWER 2800/3200 R.P.M. CAPACITOR START MOTOR 1/40 H.P. .38 A. 115/230 VOLT 50/60 CYC. MOUNTED ON BASE W/4MFD. CAP. TERM. STRIPS ETC. BLOWER APPROX 150 CFM. INTAKE 3" OUTLET 1 1/2 x 2 1/2; WT: 12 LBS. SIZE: OVERALL 8 1/2 x 11 x 6 1/2. EAD#B747MI-C USED \$12.95

FASCO BLOWER, 200 CFM, 115 VOLTS 60 CYCLES, 2.2 AMPS. 3200 R.P.M. 5" INTAKE, 3x3 1/2" OUTLET, 4 1/2 x 4 1/2" FLANG MTG. SIZE: 7 1/2 x 7 x 9; WT: 12 LBS. FASCO#50755-J232 UNUSED \$16.95

FAN TYPE BLOWER, 115 VOLT 60 CYCLE, 20 WATT, 4" PLASTIC FAN BLADES, OPEN FRAME NOISELESS MOTOR, MOUNTED IN CADMIUM CASEMENT TYPE FRAME APPROX. 100 CFM. USED SIZE: 13x5x2; 5 LBS. HOWARD#1075-3102 \$3.95

COOLING FAN . AXIAL FAN 115 115 V 60 HZ. VOLT 60 HZ. 15 4 1/2 x 2 1/2 . WATT, 4 1/2" SQ. NYLON BLADE . DURABLE PLAST. REMOVED/EG. . REMOVED/EQUIP. URC3391 \$3 . #M-747 \$6.95

TRANSISTORS HEAT SINKS



FOUNDATION FOR 12 VDC 20 AMP POWER SUPPLY; CONTAINS SIX MOTOROLA POWER TRANSISTORS 108/6402 MOUNTED ON ALUMINUM HEAT SINKS. WITH 15 VDC 8000 MFD. CAPACITOR, A 20 AMP CIRCUIT BREAKER, A 9 LINE TERM. STRIP, WIRE WOUND RESISTORS, ETC. MOUNTED ON FRAME 6x6x8, WT: 10 LBS. LESS TRANSFORMER. IBM #ASM-730470 Removed-used, \$7.95

SAME AS ABOVE, BUT WITH EIGHT TRANSISTORS AND HEAT SINKS, 12 V. 26 A. #ASM-730-480, \$9.95

HEAT SINKS ONLY, AS USED IN THE ABOVE, 5x2x1 1/2, #HS-8/UR 55¢ EACH; TWO FOR \$1.00

WAKEFIELD HEAVY DUTY HEAT SINK HAS 8 INDIVIDUALLY INSULATED SINKS, 4 EA. (1 1/2 x 3) AND 4 EA. (2 1/2 x 3). TAPPED TO MOUNT TRANSISTOR STUDS. PROVISIONS FOR MOUNTING MUFFIN FAN FOR COOLING. ANODIZED ALUMINUM. SIZE: 5 1/2 x 4 1/2 x 4 1/2; WT: 4 LBS. #FCA-800 PRICE: \$3.95; THREE IN CRATE, \$10.00 UNUSED.



TAPE RECORDER MOTORS

DUAL SPEED OPEN FRAME MOTOR USED WITH RECORDING UNITS, 115 VAC 60 Hz, 2000 & 3000 RPM WITH PULLEY FOR BELTS, PLASTIC FAN BLADE ON OTHER SIDE, 2" DIA. MOTOR SIZE LESS SHAFTS 2 1/2 x 2 1/2 x 2 WT: 2 LBS. #TM-594-1 UNUSED \$2.95, 2 FOR \$5.



HEAVY DUTY TAPE RECORDER MOTOR 115 VAC 60 Hz, 1500 RPM. MOTOR SIZE: 3 1/2 x 3 1/2 x 2 1/2, SHAFT 1 1/2 x 5/16" DIA. WT: 5 LBS. STK.#D6-20220 UNUSED, \$5.95

RECORDER MOTOR, 1500 RPM; 115 VAC 60 HZ, DOUBLE END SHAFT, 3/8 x 3/16" DIA. & 1 x 3/16" W/PULLEY. MOTOR SIZE: 2 1/2 x 2 1/2 x 2 1/2; WT: 2 LBS. STK.#G140700 UNUSED, \$4.95

RECORDER MOTOR, 1500 RPM; 2" SHAFT IS 3/16" DIA. FOR 1 1/2"; 3/64" DIA. LAST 3". 3/8 x 3/16" DIA. SHAFT ON OTHER SIDE. MOTOR SIZE: 2 1/2 x 2 1/2 x 2; WT: 2 LBS. #602-1 UNUSED, \$4.75

POWER SUPPLIES

SOLA CONSTANT VOLTAGE DC POWER SUPPLIES; 19"x6", SHPG. WT: 40 LBS. USED, \$19.95 EACH

SOLA #	INPUT	OUTPUT
28238	180/240	200 VDC 1.5 A.
28239	"	120 VDC 1.1 A.
		20 VDC 2 A.
28323	115/208/230	120VDC 2 AMP
28266	115v 60 HZ.	OUTPUT 20VDC @ 4 A. \$30

SOLA CONSTANT VOLTAGE TRANSFORMER ONLY.
PRI: 90-130V 60HZ. SEC: 6.5V 25 A. #237\$15
" 190-260V " SEC: 118V 4.2A. #150 \$15

PP-523/GRC POWER SUPPLY, SELECTABLE OUTPUT IN SIX STEPS FROM 34 VDC @ 3 AMPS TO 50 VDC @ 4 1/2 AMPS. INPUT: 115 VAC 60 HZ. WITH TWO 2 1/2" RD. METERS 0-100 VDC AND 0-5 AMPS DC. SIZE: 9x11x16, 50 LBS. USED, \$32.95

CC-20409 POWER SUPPLY; INPUT: 115 VAC 60 HZ. OUTPUT: 12 VDC @ 300 MA. (OUTPUT FROM TRANSFORMER: 14 VDC @ 1.5 AMPS.) IN ALUMINUM CASE. SIZE: 8x11x8, WT: 20 LBS. UNUSED, \$9.95

TELETYPE POWER SUPPLY FOR #19 SET. INPUT 105-125 V. 50/60 HZ, OUTPUT 120 VDC 0.6 AMP. W/8 SEC. TAPS. SELENIUM DISC. RECTIFIERS. SIZE: 20 1/2 x 8 x 9; 75 LBS. #4TRC-13 USED \$14.95

TRANSISTORIZED



TRANSISTORIZED-REGULATED P.S. INPUT: 105-125 VAC 50/60 HZ. MOUNTED ON CIRCUIT BOARD, 4 1/2 x 5, WT: 3 LBS. UNUSED, #CD5N1.5 5 VDC 1.5 A. \$15. #CD12N.85 12 VDC .85 A. \$18.

THUNDER POWER SUPPLY, OUTPUT: 3.7 VDC 750 MA. VOLT. REG. INPUT 115 V. 60 HZ. HOUSED IN CASE. 3 1/2 x 5 x 3; WT: 5 LBS. #S3.7-750 UNUSED, \$12.00

RECTI CHARGER



RECTI CHARGER BY RAYTHEON, A BATTERY CHARGER FOR TELEPHONE SWITCHBOARD USE. SUPPLIES CURRENT AT A CONSTANT VOLTAGE WITHIN ITS RANGE AND ALSO CHARGES A STORAGE BATTERY ACROSS THE LOAD. INPUT: 95-130 VAC 50/60 HZ.

#1070D	22-24 CELLS RATED AT 6.0 AMPS	
	24x29x12, WT: 280 LBS.	\$30.00
#6860	22-24 CELLS RATED AT 3.0 AMPS	
	20x19 1/2 x 9 1/2, WT: 231 LBS.	\$20.00

DUAL BLOWERS



DUAL HIGH VOLUME BLOWER 210 VOLT 60 HZ 3450 RPM 1/8 HP MOTOR, 450 CFM (ESTIMATED), INLET 3" OUTLET 4" DIA. MOUNTED ON FRAME 29x6 1/2 IN. (FRAME CAN BE REMOVED) WT: 40 LBS. URC#683-KP USED \$12.95

ROTRON HEAVY DUTY DUAL BLOWER, 220 VOLT 2 A. 3 PHASE, 3100 RPM, 50/60 HZ. MOTOR SHAFT 1/2" DIA. 2-1/2" LG. BLOWER INLET 4", OUTLET WITH FLANGE 5 1/2 x 5 1/2, MOUNTING BASE 6 x 9 1/2. WT: 40 LBS. URC#4345 USED \$24.95

A.C. LINE REGULATOR

WANLESS VARAX AC LINE REGULATOR; INPUT: 102-125 VAC 60 HZ. OUTPUT: 120 VAC WITH LO-HI SWITCH FOR 400 OR 1500 WATT LOAD CHANGE. DC OUTPUT: 24 VDC @ 1.8 A. UNIT IS CAPABLE OF NO LOAD TO FULL LOAD REGULATION WITH BI-1500 INDUCTOR. SIZE: 11x5x11, 43 LBS. MODEL C223, USED \$49.50



CENTRIMAX BLOWER



ROTRON CENTRIMAX HEAVY-DUTY BLOWER, 225 CFM @ 15 MM H2O STATIC PRESSURE. FIBREGLASS CONSTRUCTION. OVAL OUTTAKE 3 1/2 x 4 1/2 WITH 4x4 MOUNTING FLANGE. 115 VAC 50/60 HZ. SIZE: 7x9x10 1/2, WT: 20 LBS. #CHX29A2G, UNUSED, \$29.95

T-195 TRANS. ASSY.

VFO-MASTER OSCILLATOR FROM THE T-195 TRANSMITTER; GENERATES FREQUENCY OF 1.5 TO 3 MHz. HAS 5749 OSCILLATOR TUBE AND 5749 BUFFER-AMP TUBE. WITH 2 1/2 x 3/16" DIA. SHAFT. 2 1/2 x 3 x 7, WT: 5 LBS. VFO/T-195, REMOVED F/EQUIPMENT, \$7.95



EXCITER STAGE FROM T-195, USED TO AMPLIFY VFO OUTPUT AND SUPPLY DESIRED TRANSMITTING FREQUENCY TO POWER AMP. SLUG TUNED IN RANGES (1.5-3), (3-6), (6-12), AND (12-20) MHz. WITH TUBES 6AU6, 2/6AK6, AND 5763. SIZE: 4 1/2 x 3 1/2 x 8, 12 LBS. EXC/T-195, \$14.95



VARIABLE CAPACITOR, 13.5-77.8 MMF ONE SECTION; 17-99.6 MMF THE OTHER. 0.094" AIR GAP. WITH 3/8" DIA. SHAFT. 5 1/2 x 1 1/2 x 3 1/2 OVERALL. C-221/T-195 \$3.95



VARIABLE CAPACITOR, 25-485 MMF ONE SECTION; 23-437 MMF THE OTHER. 0.03" AIR GAP. WITH GEARS 1 1/2" DIA. AND 5/8" DIA. 4 1/2 x 3 x 4 1/2 OVERALL. C-222/T-195 \$4.95



ANTENNA TUNING VARIABLE CAPACITOR, 20 TO 400 MMF. 0.03" AIR GAP. WITH 5/8" x 1/2" DIA. SHAFT. 4x1-5/8 x 1 1/2 OVERALL. C-1003/T-195 \$3.95



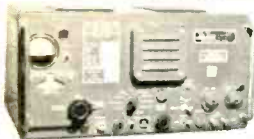
AM-FM TUNER

AM-FM TRANSISTORIZED TUNER, 5 TRANSISTOR 4-DIODES WITH AVC AND AFC. CONSISTS OF RF OSCILLATOR, IF DETECTOR STAGES. REQUIRES 9 VDC. NOT GUARANTEED OPERABLE, UNUSED WITH SCHEMATIC AND HOOKUP DIAGRAM. 4 1/2 x 3 1/2 x 1 1/2 BC-CD-34 TUNER \$2.50 EACH



MINIMUM ORDER \$5.00

U. H. F. RECEIVER



R-48/TRC-8 RECEIVER F.M. 230 TO 250 MC. ONE BAND VARIABLE TUNING, VOLTAGE REQUIRED 115/230 60 CYC. WITH SPEAKER, PHONE JACK, SQUELCH CIRCUIT 2" METER FOR CIRCUIT CHECKING. WITH TUBES 8/6AG7, 1/9002, 1/5U4, 1/6V6, 1/VR-150, 1/6N7, 1/6SN7, 1/6AL7. SIZE: 20x19x16; WT: 75 LBS. USED \$34.95

MN-26K RADIO COMPASS



BENDIX MN-26K RADIO COMPASS, USED WITH AIR NAVIGATION EQUIPMENT AS DIRECTION FINDER OR GENERAL RECEIVER. COVERS 200 TO 1750 KHZ IN BANDS (200-410), (410-850), & (850-1750 KHZ). TUNING POSSIBLE DIRECT OR REMOTELY WITH SPLINE SHAFT AND CONTROL BOX. OPERATES FROM 28 VDC 3 AMPS. WITH TUBES 6F6, 6B8, 2/6J5, 2/6N7, AND 5/6K7. SIZE: 17x11x12. WT: 45 LBS. USED, EXCELLENT, \$19.95
 MN-28LB CONTROL BOX F/MN-26LB REC. SOME DIAL NUMBER CHANGE REQ. FOR USE WITH MN-26K \$3.95
 MC-124 FLEXIBLE SHAFT F/MN-26 20" 1.5C
 MC-127 SPIN TUNING KNOB FOR REC. 1.5C
 MC-203 "T" ADAPTER FOR SHAFT & KNOB USE 1.5C
 MN-26 MANUAL FOR MODELS A, C, M, W, Y, X (BASICALLY SAME AS "K" & OTHERS. 5.0C

70 TO 100 MHZ RECEIVER

R-19/TRC-1 RECEIVER; 70 TO 100 MHZ FM IN 300 CHANNELS. 1ST IF VARIABLE FROM 32.5 TO 47.5 MHZ; 2ND FIXED 5 MHZ. OUTPUT IMPEDANCE: 6 OHMS. WITH TUBES 7/6SH7, 3/6AC7, 2/6H6, 2/6X5, 6SN7, 6SL7, AND 6X5. POWER REQUIRED: 115 VAC 50/60 HZ. SIZE: 8x12x19 1/2 SHPG. WT: 50 LBS.



PRICE: USED, LESS CRYSTALS, \$29.50

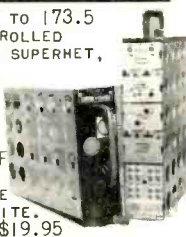
POWER AMPLIFIER



AM-8/TRA-1 POWER AMPLIFIER FOR 70-100 MC F.M. 200 WATT WITH A RF INPUT OF 25 WATT (APPROX.) IMPEDANCE 70 OHM USES 2/4E27 TUBES IN CLASS "C" PUSH-PULL TUNED PLATE CIRCUIT AND 3/003 V.R. TUBE THE FILAMENT TRANSFORMER 5 V.C.T 15 A. IS SUPPLIED IN THE UNIT, -100 VDC, 450 VDC @ 40 MA AND 2000 VDC 250 MA ARE ALSO REQUIRED BUT ARE NOT IN THE UNIT. A 115 V. 60 CYCLE BLOWER IS ALSO IN THE EQUIP. VAR. CAP. DUAL 5-50 & 7-35 MMF SIZE: 16x10x12; WT: 55 LBS. IN CHEST 100 LBS PRICES: USED WITH TUBES \$30.00 /RE-NEW \$40.00

TRANSISTORIZED RECEIVER

R-962 RECEIVER V.H.F. 162.5 TO 173.5 MHZ IN SIXTEEN CRYSTAL CONTROLLED CHANNELS. DOUBLE CONVERSION SUPERHET, THAT CAN DETECT A.M., F.M. & VIDEO SIGNALS. RECEIVER CONSISTS OF 5 PLUG-IN MODULES OF PRINTED CIRCUIT ASSEMBLY NO TUBES ARE USED. 18 VDC CONVERSION FOR 2 METERS, VHF WEATHER, SATELLITE TV ETC. SEE INFORMATION CQ MAGAZINE OCT. 74. BY GORDON ELIOT WHITE. SIZE: 7x2x10; 5 LBS. USED \$19.95

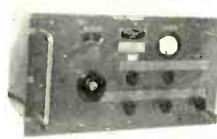


20 CHANNEL RECEIVER



R-550/ARR-40 VHF RECEIVER 265 TO 284.9 MHZ IN 20 CHANNELS. GUARD CHANNEL 243.0 MHZ. ONE MEGAHERTZ CHANNEL SPACING. RECEIVER MODULES AUDIO, 1.85 MHZ IF, IF AND GUARD, HF AND INJECTION UNIT. TUBES: 7/6201, 8/5840, 3/6AK5, 2/5896, 5902. POWER REQUIRED: 28VDC, 130V 140MA, 220V 20MA. SIZE 12x4x6. SH WT 15 LBS. W/COVER, USED REPARABLE \$19.95
 28 VOLT DYNAMOTOR FOR R-550 WT 5 LBS \$4.95

VHF RECEIVER



BC-639 RECEIVER, 100 TO 156 MHZ AM, CONTINUOUSLY TUNABLE OVER A SINGLE BAND. CONTROLS FOR CW, TONE, AVC-MANUAL, RF AND AUDIO GAIN, ATTENUATION, AND SENSITIVITY. WITH TUNING METER, PHONE JACKS, AND TUBES 3/9003, 9002, 4/6SG7, 6SQ7, AND 6K6. INCLUDED IS THE SEPARATE POWER SUPPLY RA-42-B WHICH PROVIDES THE NECESSARY VOLTAGES FROM 90-140 OR 200-250 VAC 50-60 HZ. SIZES: 10x19x10 (BC-639) AND 7x19x8 (RA-42); TOTAL WT: 75 LBS. REPARABLE, \$50. CHKD., \$75. RA-42-A POWER SUPPLY, SAME AS RA-42-B EXCEPT WITH 0-300 VDC AND 0-150 MA DC METERS. ADD \$10.00 IF RA-42-A IS PREFERRED TO THE "B".

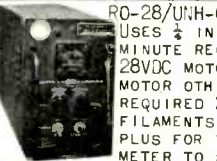
U. H. F. RECEIVER



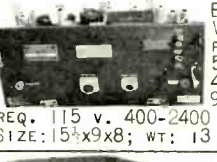
R-278 RECEIVER 225-399.9 MC, AM, CRYSTAL FREQ. CONTROL 1750 CHANNELS 0.1 MC INTERVALS, 10 PRESET CHANNELS, AUDIO FREQ. RESPONSE WIDE 200 TO 20,000 CYCLES NARROW 200 TO 5000 CYCLES AVC, SQUELCH, AIR COOLED, POWER REQ. 115/230 V. 50-60 CYCLE. UNITIZED CHASSIS, RACK MTG. SIZE: 19x12x20; WT: 115 LBS. USED SERVICEABLE PRICE: R-278 WITH FORTY-FOUR TUBES, LESS GUARD CHANNEL USED \$125.00



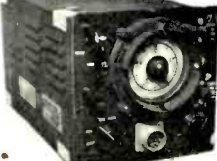
RT-18/ARC-1 TRANSMITTER & RECEIVER AM, 100 TO 156 MC 30 WATT CW AND PHONE, CRYSTAL CONTROL. VOLTAGE REQUIRE 360 VDC @ 135 MA AND 24 VDC WITH TUBES 18/6AK5, 2/6C4, 2/6V6, 2/6J6, 2/12A6, 1/6SL7 AND 2/832. SIZE: 10x8x20; WT: 45 LBS. PRICE: 20 CHANNEL \$45
 DY-9 DYNAMOTOR 26VDC \$10/DY-10 13/26 USED \$15



RO-28/UNH-6 2 CHANNEL TAPE RECORDER USES 1/2 INCH TAPE 7" REELS FOR 45 MINUTE RECORDING TIME. USES TWO 28VDC MOTORS, ONE AS CAPSTAN DRIVE MOTOR OTHER AS TAKE UP MOTOR. POWER REQUIRED 28 VDC FOR MOTOR AND FILAMENTS, 115V 400HZ SUPPLIES B PLUS FOR TUBES. HAS ONE 1 1/2" VU METER TO SET LEVELS. TUBES 6TF4, 2625, 0A2, 5/5703, 2/6533 SIZE 8x5x19 1/2 LONG SHPG WT: 30 LBS. USED \$24.95



BC-788 TRANSMITTER RECEIVER AIRCRAFT ALTITUDE, PULSE TYPE, TRANS. OUTPUT 50 WATTS, FIXED FREQUENCY 440 MHZ, WITH TUBES 1/6L6 9/6AG5 & 1/5Y3. POWER REQ. 115 V. 400-2400 CYCLE. SIZE: 15x9x8; WT: 13 LBS. PRICE: USED \$18.95



I-152(*) INDICATOR; USES WITH BC-788 ALTITUDE FOR INDICATING HEIGHT OVER TERRAIN IN AIRCRAFT WITH 30PI CATHODE RAY TUBE (SAME SOCKET/SHIELD AS 3BP1 TUBE AND OTHER TYPES) ALSO TUBES 3/6AG5 AND 2X2. HAS R.F. CIRCUIT, POTENTIOMETERS, 115 V. 400 CYCLE POWER SUPPLY ETC. (WILL MAKE GOOD FOUNDATION FOR A MONITOR) SIZE: 6x6x12; WT: 9 LBS. PRICE: USED \$8.95 SCHEMATIC \$1.00

RANGE RADAR INDICATOR



I-169/APN-12 INDICATOR OSCILLOSCOPE; USED TO DETERMINE RANGE OF RADAR NAVIGATIONAL BEACON EQUIPMENT WHEN USED WITH RADAR REC-TRANS UNITS FOR WHICH IT WAS DESIGNED. HAS VERTICAL, FOCUS, SWEEP, INTENSITY CONTROLS ON FRONT PANEL. MOTORIZED COAXIAL SWITCHING UNIT FOR ANTENNAS WITH TUBES 1/3BP1, 2/6H6, 2/6SN7, 1/6G6, 1/6X5, 1/2X2. POWER REQUIRED 115 VOLT 400 CYCLE AND 24 VOLTS DC. (TRANSFORMER OUTPUT VOLTAGE APPROX. 425 VOLTS.) SCHEMATIC ONLY \$1
 SIZE: 10x8x22; WT: 30 LBS. GOV'T RE-COND \$14.95

RECEIVERS



R-648/ARR-41 RECEIVER, USED IN AIRCRAFT OVER RANGES 195-550 KHZ AND 2-25 MHZ AM AND CW. DIGITAL-TYPE TUNING IN 1 KHZ STEPS. CONTROLS FOR BFO, SENSITIVITY, BROAD/SHARP BANDWIDTH, AND PHONE JACKS. WITH TUBES 0A2, 6AU6, 5654, 5686, 2/5726, 7/5749, 2/5750, AND 2/5814. DYNAMOTOR INPUT: 27.5 VDC 4 AMPS; OUTPUT: 250 VDC 100 MA. SIZE: 7x16x13 1/2; WT: 30 LBS. PRICE: USED, REPARABLE, \$125. CHECKED, \$175

R-390/URR RECEIVER, 500 KHZ TO 32 MHZ IN 1 KHZ STEPS, DIGITALLY TUNED. AM, CW, AND MCW. 115/230 VAC 50-60 HZ. USED, REPARABLE, \$300.

R-390A/URR RECEIVER, SAME AS THE R-390, BUT WITH MECHANICAL FILTERS. SHPG. WT: 100 LBS. PRICE: USED, REPARABLE, \$400. CHECKED, \$550.

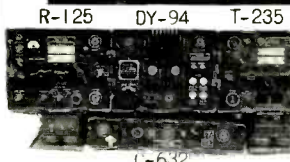
ARR-58 FM RECEIVER

R-863/ARR-58 RECEIVER, FM 162.25 TO 173.5 MHZ. DESIGNED TO RECEIVE SONOBOUY SIGNALS ON 16 PRESET CHANNELS. IF=30 MHZ. INPUT IMPEDANCE: 52 OHMS. MORE RECENT VERSION OF THE R-316/ARR-26 RECEIVER. CONVERSION INFO FOR R-316 TO 145-175 MHZ PLUS AUDIO, SQUELCH, AND 115 VAC 60 HZ POWER MODIFICATION INFO INCLUDED. WITH TUBES 7/6AK5, 2/6AS6, 2/6AL5, 6J6, AND 5814. POWER REQUIRED: 150 VDC 125 MA AND 6.3 VAC. SIZE: 5x8x17, WT: 20 LBS. USED, \$19.95



J-953/ARR-58 JUNCTION CABINET, INCLUDES TWO R-863 RECEIVERS, TWO AM-1870 AUDIO FREQUENCY AMPS, AND ONE AM-1871 RF AMP. USED, \$45.00

AN/GRC-10 RADIO SET



R-125 DY-94 T-235 AN/GRC-10 RADIO SET, CONSISTS OF R-125 RECEIVER, T-235 TRANSMITTER, DY-94 AC POWER SUPPLY, C-632 CONTROL UNIT, AND THE MT-700 RACK DESCRIBED SEPARATELY BELOW. USES SAME ACCESSORIES AS THE OTHER GRC EQUIPMENT WE ADVERTISE. SHPG. WT: 250 LBS. USED, \$200.00

R-125/GRC-10 RECEIVER, 54 TO 70.9 MHZ FM IN 0.1 MHZ STEPS. DUAL CONVERSION TYPE WITH A FIXED IF OF 4.3 MHZ AND A TWO-STAGE VARIABLE IF OF 15.15-16.05 MHZ. HAS CRYSTAL AND AFC FREQUENCY CONTROL; ANTENNA TRIMMER; AND SQUELCH. METER INDICATES OSC 1, OSC 2, 3RD IF, 1ST LIM, DISC PRI, DISC., DISC., AND LINE LEVEL. OUTPUT IMPEDANCE: 600 OHMS (SPEAKER) OR 4 OHMS (EARPHONE OF HANDSET). HAS 23 TUBES. POWER REQUIRED: 200 VDC 100 MA (PLATE AND SCREEN); AND 24 VDC 1.3 AMPS (FILAMENTS). SIZE: 11x9x12 1/2; SHPG. WT: 36 LBS. USED, \$50.

T-235/GRC-10 TRANSMITTER, 54 TO 70.9 MHZ FM IN 0.1 MHZ STEPS. TRANSMITS VOICE, MULTI-CHANNEL TELEPHONE, TELEGRAPH, OR FACSIMILE IN ANY COMBINATION. POWER OUTPUT: 40 WATTS (HI) AND 10 WATTS (LO). HAS CRYSTAL-CONTROLLED MONITOR RECEIVER FOR AFC. AUDIO INPUT IMPEDANCE: 600 OHMS (WIDE-BAND) AND 150 OHMS (MICROPHONE). OUTPUT IMPED: 50 OHMS. FORCED-AIR COOLING. METER INDICATES XTAL OSC, AFC+, LINE LEVEL, RF POWER, PA PLATE, PA GRID, AND OSC. HAS 16 TUBES INCLUDING ONE 4X150D IN THE POWER AMP. POWER REQUIRED: 550 VDC 150 MA (PA PLATE); 250 VDC 120 MA (PLATE AND SCREEN); 20 VDC 25 MA (MIC) AND 24 VDC 1.7 AMPS (FILAMENTS). SIZE: 11x9x12 1/2; SHPG. WT: 40 LBS. USED, \$89.50

DY-94/GRC-10 AC POWER SUPPLY FURNISHES ALL THE NECESSARY VOLTAGES FOR THE R-125 AND T-235 FROM POWER INPUTS OF 115/230 VAC 50-65 HZ (292 WATTS) OR 24 VDC (326 WATTS). HAS FORCED-AIR BLOWER FOR COOLING. SIZE: 11x9x12 1/2; SHPG. WT: 75 LBS. USED, \$99.50

C-632/GRC-10 CONTROL SET COORDINATES THE POWER AND ANTENNA CONNECTIONS IN THE GRC-10 SET AND WITH OTHER SYSTEMS. POWER REQUIRED: 115/230 VAC 50-65 HZ OR 24 VDC. SIZE: 17x3x12 1/2; SHPG. WT: 15 LBS. USED, \$34.95

9-PIN GRC CONNECTOR FOR POWER/CONTROL, \$2.50 OTHER GRC/VRC ACCESSORIES LISTED ON PAGE 18.

400 WATT TRANSMITTER



T-631/GRC-14 TRANSMITTER, 2 TO 20 MHZ 400 WATTS PEAK OUTPUT, 100 WATTS NOMINAL CARRIER. EMPLOYS DECADE TYPE TUNING IN 100 HZ STEPS WITH BANDS: (2-3), (3-6), (6-10), AND (10-20 MHZ) TRANSMITS AM PHONE, CW, OR FSK. HAS AFC OR MANUALLY ADJUSTED VFO. FREQUENCY SHIFT OF #500 HZ. METER INDICATES FSK SYNCHRONIZATION. ALSO METERING FOR RF LINE AND MANUAL TUNE. INPUT IMPEDANCE: 100 OHMS (MIC) OR 600 OHMS (LINE). OUTPUT IMPED: MATCHED OR 50 OHMS WITH RF TUNER BYPASSED. WITH 28 TUBES INCLUDING THREE 4X250F's IN THE POWER AMP.

SIZE: 13 1/2 x 29 x 17 1/2; SHPG. WT: 230 LBS. NET: 157 LBS. SEPARATE AC POWER SUPPLY PP-1711 PROVIDES THE NECESSARY VOLTAGES FOR THE T-631 FROM 115 VAC 60 HZ OR 26.5 VDC AND 24 VAC. ALSO 115 VDC OUTPUT FOR TELETYPE LOOP CURRENT. SIZE OF PP-1711: 10x29x17 1/2; SHPG. WT: 310 LBS. NET: 284 LBS. USED, NOT CHECKED PRICE: T-631 XMITTER & PP-1711/GRC-14, \$250. T-631, R-808, & PP-1711/GRC-14, \$375. MANUAL FOR MRC-55, COVERS GRC-14, \$20.00

RECEIVER WITH FSK

R-808/GRC-14 RECEIVER WITH FSK CONVERTER; CONTINUOUSLY TUNEABLE FROM 2 TO 32 MHZ IN FOUR BANDS: (2-4), (4-8), (8-16), AND (16-32 MHZ). RECEIVES CW, MCW, AM PHONE, AND FSK. DUAL CONVERSION WITH IF's OF 455 KHZ AND 1500 KHZ; SELECTIVE BANDWIDTH: 700 HZ (BROAD) OR 350 HZ (SHARP). UNIT HAS CRYSTAL CALIBRATOR WITH BFO PITCH CONTROL. HAS METER FOR TELETYPE TUNING; HOLD-OPERATE AND NORMAL-REVERSE TELETYPE LINE SWITCHES. INPUT IMPEDANCE: 300 OHMS (H1-Z) OR 50 OHMS (L0-Z). OUTPUT IMPED.: 600 OHMS. USES 46 TUBES. POWER REQUIRED: 115 VAC 60 HZ OR 26.5 VDC 5 AMPS. SIZE: 13 1/2 x 10 x 17 1/2; SHPG. WT: 80 LBS. USED, EXCELLENT, NOT CHECKED, \$195.



JB-70 JUNCTION BOX; USED WITH BC-610 TRANSMITTER. FRONT PANEL HAS SWITCHES AND CONTROLS FOR REMOTE USE OF TRANS. HAS AC OUTLETS BOTTOM & SIDE, 4 HEADSET & 2 KEY JACKS, MIC PLUG, 2 WAFER, 4 TOGGLE, LEVER & START/STOP SWITCHES, CIRCUIT BREAKER, CABLES ETC. SIZE 19x13x5 1/2; WT: 40 LBS PRICE: USED \$9.95

TELEGRAPH SET

TG-5 TELEGRAPH SET, USED OVER SHORT LINES WITH FEW INTERMEDIATE STATIONS. SET CONSISTS OF J-41 KEY, HS-20 HEADSET, 1000 HZ. INTERRUPTER, AND BELL. J-41 IS AN OPEN-CIRCUIT TYPE KEY MOUNTED ON BAKELITE. COMPONENTS PLACED IN ALUMINUM BOX. ALSO CANVAS BAG AND MANUAL INCLUDED. OPERATES FROM TWO D CELL BATTERIES (3 VDC) AND 22.5 VDC. SIZE: 5 1/2 x 10 x 5 1/2; SHPG. WT: 10 LBS. UNUSED, \$18.95



C-113/TRC-1 CONTROL UNIT AND INTERCOM SET FOR USE WITH REC TRANS. OR SEPARATE INTERCOM. OPERATES FROM 115 V. 60 CYCLE HAS MIC. AND HEADSET JACKS, BINDING POSTS TO CONN. WIRE, PL-68 PLUG & CABLE, 5 WIRE CABLE, ETC. IN WOOD CASE WITH STORAGE COMPARTMENT. SIZE: 14x9x12; WT: 25 LBS. USED \$6.95



RC-298 ARMORED TANK INTERPHONE EXTENSION KIT; CONTAINS HEAVY GAUGE WATERPROOF STEEL BOX WITH H-22 HANDSET & COILED CORD, SIGNAL LIGHT, CALL SWITCH, VOLUME CONTROL ETC. REMOTE CALL BOX HAS 2 SW. SIGNAL LITE, CABLE CONN. ETC. CABLE 7 COND. 30 FT. HARDWARE KIT HAS 125 POS. OF VARIOUS ITEMS, RUBBER TAPE, EXTRA SW, LENS AND LAMP ETC. SHPG. WT. 78 LBS. PRICE: NEW \$14.95

TA-1/PT TELEPHONE



SOUNDPOWERED TELEPHONE SET WITH AUDIBLE AND VISUAL CALL SYSTEM. PALM OPERATED GENERATOR PUTS OUT APPROX. 100 V. THAT SOUNDS BUZZER IN OTHER PHONE AND ACTUATES VISUAL INDICATOR. COILED CORD WITH PUSH TYPE BINDING POSTS FOR INTERCONNECTING WIRES TO BE FASTENED TO. COMES WITH FIBER CARRING CASE. SIZE: 8 1/2 x 3 1/2 x 3 1/2; WT: ACT 2LB USED \$19.95 EACH



TA-312/PT TELEPHONE SET IS A RUGGED, LIGHTWEIGHT, WATERPROOF FIELD TELEPH. THAT CAN BE USED OUTDOORS ON A DESK OR WALL MOUNTED. HANDCRANK GENERATOR FOR RINGING BUZZER. REQUIRES 2/1 1/2 V BATT. FOR LOCAL USE NONE REQ. W/CB. UNIT COMES IN A CANVAS CASE & SHOULD-ER STRAP WITH ZIPPER. SIZE: 12x7x4; WT: 10 LBS. USED \$29.50

MULTIPEX



PHILCO CST-2 SIGNALING AND TERMINATION UNIT. FOR USE IN MULTIPLEX SYSTEMS FOR TRANSMISSION OF DIAL OR RINGDOWN SIGNALING AND TERMINATES A FOUR WIRE CIRCUIT OF THE MULTIPLEX INTO A TWO WIRE TELEPHONE CIRCUIT. A 3.5 KC TONE IS USED FOR SIGNALING. ALSO HAS CONTROLS FOR PROPER ATTENUATION OF VOICE LEVEL. OPERATES FROM 115 V. 60 CYC. AND IS COMPLETE WITH 2/12AU7 TUBES, RELAYS, RACK MTD. 19x4x12; WT: 25 LBS. PRICE: USED \$12.95

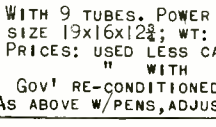
TG-34 KEYS: CODE PRACTICE SET USED TO REPRODUCE SIGN ALS PREVIOUSLY RECORDED ON INKED PAPER TAPE, VARIABLE SPEED MOTOR, KEYING OSCILLATOR WITH SPEAKER, PHONE & KEY JACKS. POWER REQUIRED 115 V. 50/60 CYCLE. SUPPLIED WITH ONL ONE EMPTY REEL. (PHOTO SHOWS REEL OF TAPE AS ILLUSTRATION ONLY.) COMES IN WOOD PORTABLE CARRING CASE, SIZE 15x10x10; WT: 40 LBS. USED \$24.95; CHECKED \$34.95



ONLY ONE REEL SUPPLIED WITH EACH KEYSER. CODE PRACTICE TAPES: MADE ESPECIALLY FOR THE TG-34 KEYSER, SAME GROUPINGS AND SPEEDS AS USED BY THE GOV'T. NOT MOUNTED ON METAL REELS. FIFTEEN (15) TAPES TO SET. \$2 EA TAPE

#1 TO 4 COVER DIFFERENT GROUPS WIDE SPACE LETTERS	#9 12WPM	CODED/GR
#5 WIDE SPACE NUMBERS & LETTERS	#10 12WPM	TACT/MESS
#6 5WPM NUMBERS & LETTERS	#11 12 "	" "
#7 7WPM " " "	#12 15 "	" "
#8 10 " CODED GROUPS OF 5	#13 15 "	" "
	#14 20 "	" "
	#15 20 "	" "

RD-60/U CODE RECORDER OF RADIO TELEGRAPH CODE SIGNALS. USES 3/8" WIDE, 800 FOOT ROLLS OF PAPER TAPE. RECORDS CODE SPEEDS UP TO 1000 WORDS PER MINUTE WITH A RECORDING TIME OF 26 MINUTES (LOW) OR 13 MINUTES (HIGH). INPUT SIGNAL FREQ. 500 TO 5000 HZ. INPUT IMPEDANCE 500 AND 5000 OHMS. OUTPUT IMPED. 6 OHMS. WITH 9 TUBES. POWER REQ. 115 V. 60 HZ. SIZE 19x16x12 1/2; WT: 150 LBS. PRICES: USED LESS CABINET REPARABLE \$19.95 " WITH " " 24.95 Gov't RE-CONDITIONED W/CABINET 30.00 AS ABOVE W/PENS, ADJUSTING, TOOLS/BOOK 34.50



C-434/GRC CONTROL BOX USED WITH GRC-TYPE EQUIPMENT OVER TWO-WIRE TELEPHONE LINE. HANDCRANK MAGNETO GENERATOR FUNCTIONS AS A SINGLE PHASE 20 HZ RINGER. AUDIO CONNECTOR ON FRONT FOR USE WITH H-33/PT HANDSET. CONTROLS FOR LOCAL AND REMOTE USE, CALL LIGHT AND ALSO TWO 30" CORDS WITH UG-77 CONNECTORS IN THE REAR COMPARTMENT. INTERNAL SWITCH FOR BELL OR LAMP SIGNAL. WITH TWO SIGMA 80030 AND ONE GAC 21031 OCTAL RELAYS. (SEE PAGES 22 & 23 FOR SPECS.) UNIT USES TWO FLASHLIGHT BATTERIES. 10 1/2 x 8 1/2 x 3 1/2; WT: 12LB PRICES: GOV'T RE-CONDITION \$16.00 USED \$12.00

AUTOMATIC ELECTRIC RELAY ASSEMBLY; 12 A/E TYPE RT-379-A1 RELAYS, 48VDC .1 AMP OPERATING 1D CONTACT ARRANG. #D-857697 AUTOMATIC LINE FINDER, RACK MOUNTING SIZE: 13 1/2 x 4 1/2 x 6 1/2; 12 LBS. PRICE: W/COVER N\$12.95

SWITCHBOARD PANEL ASSEMBLY 10 RED, 10 GREEN LAMPHOLDER W/DIMMER, LEVER SWITCHES MOMENTARY SIDE BREAK ONE, & BREAK & MAKE, CENTER-OFF, OTHER SIDE MAKE 4, 320 SERIES LAMPS NOT INCLUDE SIZE: 11x4 1/2 x 4; 8LBS. ASSY #770938861 \$24.95 GRAIN/WHEAT LAMP 327 24 V. 59¢ EA. 2 FOR \$1

SIGNALING SYSTEM

DUPLEX SIGNALING UNIT DSU-2 AUDIO TONE TRANS. & REC. FOR USE IN THE 2000 TO 7475 HZ CARRIER SYSTEM FOR LAND LINE, POWER LINE OR RADIO SIGNALING. REC. CAN BE ON SAME OR DIFFERENT FREQ. CH. CNT. FRE 2000-3500 x 100HZ INTERKEYING SPEED 14-21 P-PER-SEC. TRANS. OUTPUT 600 OHM. REC. INPUT 600 OHM. POWER REQ. 105-125V. 50/60HZ, FOR 19" RACK MOUNT. W/TUBES 2/12AU7, 2/6AG5, 1/6AL5, 1/5964 (RELAY) 1/5Y3 ALSO 2 SEPARATE ASSY. LAMP PANEL ASSY. W/BUZZER & VOICE BAND FILTER PANEL. SIZE: 3 1/2 x 19 x 8, OTHER UNITS 1 1/2" DEEP. WT: 50LB HAMMARLUND DSU-2M W/MANUAL \$18.95

MODEL 14 TELETYPE TRANSMITTER--DISTRIBUTOR SINGLE CHANNEL, GOVERNOR CONTROLLED MOTOR 1/25 HP 2100 RPM, TAPE DISC NO. 77070, 60 WPM, POWER REQ. 115 V. 60 CYCLE. SIZE: 15 1/2 x 8 1/2 x 9; WT: 35 LBS. PRICE: USED \$19.95



TAPE, TELETYPEWRITER

TELETYPE PERFORATOR TAPE, 11/16" WIDE 900 FT. OILED ROLLS. \$.60 PER ROLL; 10 ROLLS \$5.00

EE-91 TELEPHONE BOX WITH PLUG-IN HANDSET. HAS CRANK GENERATOR FOR RINGING MAGNETO LINES; 3000 OHM LINE RESISTANCE TALKING CIRCUIT HAS 30 DB NET LOSS. DESIGNED FOR WALL MOUNT WITH MTG. FLANGES PROVIDED. REQUIRES 3 VDC FOR OPERATION. SIZE: 6x7 1/2 x 5 WT: 16 LBS. NEW \$19.95



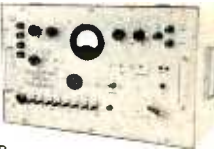
OPERATOR'S CIRCUIT

TA-277/GTA-6 OPERATOR'S TELEPHONE CIRCUIT FOR UP TO TEN LINES. EACH LINE HAS SWITCH WITH "TALK" AND "RING" POSITION. ALSO WHITE AND RED INDICATOR LIGHTS FOR EACH LINE. TWO INPUT JACKS. SIZE: 7x8x12 WT: 15 LBS. PRICE: RECONDITIONED, \$14.95



TELEPHONE TEST SET

I-142/PTM-6 TELEPHONE TEST SET, DESIGNED TO MEASURE ELECTRICAL CHARACTERISTICS OF PHONE AND MIC. CIRCUITS BY PROVIDING SOUND SOURCE AND MEASURING CIRCUIT TO MAKE THE TESTS FOR CAPACITOR LEAKAGE, RESISTANCE, GENERATOR, RINGING, INSULATION, DIAL PULSE PERIOD, CONTINUITY, A 600 OHM CIR. FOR BATT. & SOUND POWERED PHONES, 24 V. 361 OHM DC RES. 320 OHM AC CIR. FOR COMMON BATT. 3 V. 4 OHM DC RES. IMP. MATCHING CIR. OF 30, 60, 75, 150 & 300 OHMS FOR CARBON MICS AND 128, 256, 512, 1024, 5K & 10K OHMS FOR REC. & MAG. MICS. METER SCALE -10 TO -6 DB & 0-100 VDC. POWER REQ. 3, 12, 24 OR 135 VDC. SIZE: 19x12x9; WT: 50 LBS. PRICES: USED \$49.50



Headsets — Telephone Equipment — Microphones — Handsets



HEADSET & CUSHIONS

HS-23 HEADSET ONLY (MODIFIED) w/GREY HEADBAND, 4 1/2" CORD STD. 2 CIR. PHONE PLUG & 2000 OHM PHONE ELEMENTS, NEW LESS CUSHIONS \$8

CUSHIONS ONLY
MC-162 SMALL RUBBER CUSHIONS \$1
MX-41 MEDIUM RUBBER CUSH. \$1.25
M-301 CHAMOIS \$2

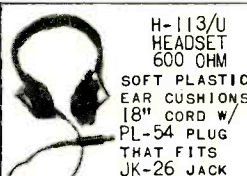


HEADSET & BOOM MICROPHONE, SINGLE ELEMENT HEADSET 300 OHM, 100 OHM MIC., 10 FT. CORD 4 COND. PLUG. ROANWELL 62890 USED \$9.95

ROANWELL HAH-S1 HEADSET & BOOM w/SW. BX. CORD w/UG-77 USED \$10



HS-230 HEADSET w/PL-54 PLUG ON 13" CORD, VELOUR TYPE CUSHIONS, 250 OHM ELEMENTS AS USED ON HS-30 HEADSET, HEADBAND, NEW, ELEMENTS USED, COMPLETE w/ ELEMENTS \$6.95 HEADBAND AND CUSHIONS ONLY \$4 SEE BELOW CD-307 EXTENSION CORD.



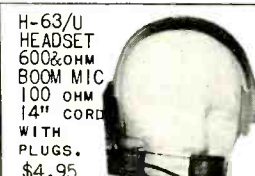
H-113/U HEADSET 600 OHM SOFT PLASTIC EAR CUSHIONS 18" CORD w/ PL-54 PLUG THAT FITS JK-26 JACK (SEE CD-307 EXTENSION CORD ELSEWHERE ON THIS PAGE) WT: 3LBS. USED-EX \$3.95

H-62 HEADSET SAME AS H-113/U ONLY IN BLACK AND HAS PROVISIONS FOR SNAPPING ON LIP MICROPHONE CW-51071 LISTED BELOW. USED-EX. \$3.95

CW-51071 LIP MICROPHONE 100 OHMS IMPEDANCE w/ 2 SNAPS FOR FASTENING TO H-62 HEADSET, 14" CORD w/ PL-291 PLUG INTO EXTENSION CORD CD-318 LISTED ON THIS PAGE OR CW-49561 EXTENSION CORD LISTED BELOW USED \$1.00

JK-38 PHONE JACK FOR INLINE USE, TAKES TWO PL-55 PHONE PLUGS \$1

PUSH BUTTON SWITCHES FOR HANDSETS THAT USE BUTTERFLY TYPES. DIRECT REPLACEMENT. #5930-327-7308 \$1.25



H-63/U HEADSET 600 OHM BOOM MIC 100 OHM 14" CORD WITH PLUGS. \$4.95 USED MIC. OR PHONE ELEMENTS ONLY, \$1 EA.

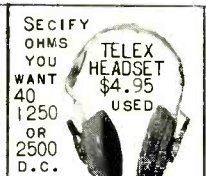
T-24-S MICROPHONE HAND HELD BRASS CARBON MIC. w/50 OHM ELEMENT, PUSH TO TALK SWITCH, 5 1/2 FT. STRAIGHT CORD w/PL-68 PLUG. WT: 1 LB. PRICE: UNUSED \$3.95

CO-78 HEADSET "Y" CORD 7 1/2" LG. RUBBER COVER NO PLUGS, TERM. \$1.50

PL-204 PLUG: SINGLE HOLDER PL-68 & PL-55 SIDE BY SIDE. \$2.00

DOUBLE PLUS D178452 F/HEADSET SIMILAR 289 298. #3850 NEW \$1.50

SWITCHBOARD CORD 4 1/2" w/PL-47 #BD-96 \$1.00



TELEX HEADSET \$4.95 USED



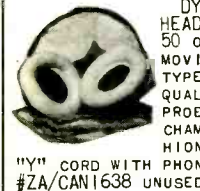
HS-30 HEADSET 250 OHM IMPEDANCE HEARING AID TYPE LIGHT WEIGHT HEADBAND 7 FOOT CORD WITH PL-55 PLUG (CD-605) USED \$2.75 EA.



HS-16 HEADSET, IMPEDANCE 520 OHMS @ 800 CYC, 6 FT COTTON COVERED "Y" CORD WITH METAL TIPS. NEW \$3.95



H-33/PT HANDSET PHONE 300 OHM, MIC 40 OHM w/CORD UG-77 PLUG & PUSH TO TALK SWITCH. USED \$5.95



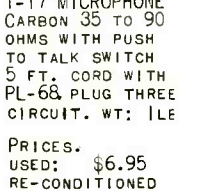
DYNAMIC HEADPHONES

50 OHMS IMP. MOVING COIL TYPE, HIGH QUALITY RE-PRODUCTION, CHAMOIS CUSHIONS AND "Y" CORD WITH PHONE PLUG. #ZA/CAN1638 UNUSED \$4.95



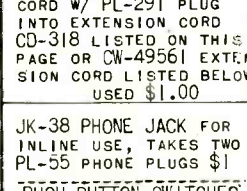
T-17 MICROPHONE

CARBON 35 TO 90 OHMS WITH PUSH TO TALK SWITCH 5 FT. CORD WITH PL-68 PLUG THREE CIRCUIT. WT: 1LB PRICES. USED: \$6.95 RE-CONDITIONED \$9.00



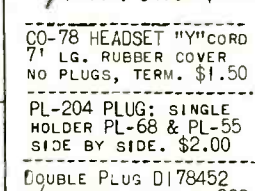
JK-38 PHONE JACK

FOR INLINE USE, TAKES TWO PL-55 PHONE PLUGS \$1



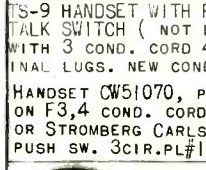
PUSH BUTTON SWITCHES

FOR HANDSETS THAT USE BUTTERFLY TYPES. DIRECT REPLACEMENT. #5930-327-7308 \$1.25



CO-78 HEADSET

"Y" CORD 7 1/2" LG. RUBBER COVER NO PLUGS, TERM. \$1.50



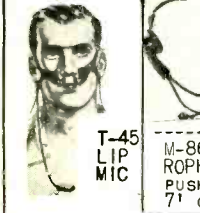
TS-9 HANDSET

WITH PUSH TO TALK SWITCH (NOT BUTTERFLY) WITH 3 COND. CORD 4" AND TERMINAL LUGS. NEW COND. \$4.95



HANDSET CW51070

PUSH BUTTON F3, 4 COND. CORD, NO PLUG OR STROMBERG CARLSON w/BAR PUSH SW. 3 CIR. PL#1016 N \$9



T-45 LIP MIC

H-108/U HANDSET HEADSET, PHONE 300 OHM, MIC 40, w/3 PIN PLUG 1348 ON 30" CORD USED \$9.95



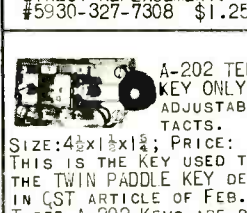
M-86/U MAGNETIC MICROPHONE

50 OHM IMP. PUSH SW. LEVEL CONTROL 7" CORD. UNUSED \$14.95



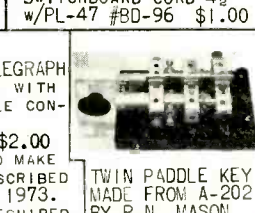
T-30 THROAT MIC.

Elements only \$1.50 a dozen



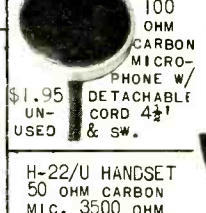
A-202 TELEGRAPH KEY ONLY

WITH ADJUSTABLE CONTACTS. SIZE: 4 1/2 x 1 1/2 x 1 1/2; PRICE: \$2.00 THIS IS THE KEY USED TO MAKE THE TWIN PADDLE KEY DESCRIBED IN CST ARTICLE OF FEB. 1973. THREE A-202 KEYS ARE REQUIRED, PLUS 3 BINDING POSTS AND BASE. ALSO SMALL HARDWARE & FINDINGS



TWIN PADDLE KEY

MADE FROM A-202 BY R.N. MASON W8MN 551 TURNER IIMA, OH 45804



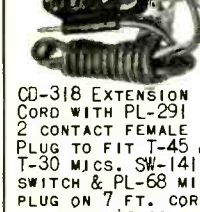
RS-83 100 OHM CARBON MICROPHONE

w/COILED CORD 1-4" BROOK-TEL BTU-1 NEW \$13.95



HANDSET HOLDER

RUBBER COVERED AS ILLUSTRATED \$1.50 CAST ALUMINUM \$2.00



T-45 MICROPHONE

CARBON TYPE 100 OHM 50DB BELOW 1 MILLIVOLT, FLAT RESPONSE WITH PL-291 2 CONT MALE PLUG, 11" CORD NEW \$2.00



CD-307 CORD EXTENSION

FOR CORDS WITH PL-54 PLUG AS USED ON HEADSETS, 65" LG WITH JK-26 JACK & PL-55 PLUG. USED \$1.50



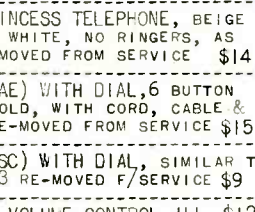
T-30 MICROPHONE

CARBON TYPE 75 OHM 50DB BELOW 1 MILLIVOLT, FLAT RESPONSE WITH PL-291 2 CONT MALE PLUG, 11" CORD PRICE: USED 3/31 UNUSED \$1.50



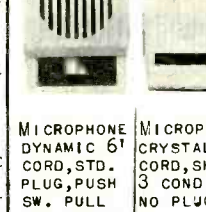
PL-55 RECEPTACLE

WITH PL-55 PLUG ON END 3 FT. CORD #R16-G3#820 NEW \$1.00



CALL COMMANDER SWITCHBOARD

NE634C-IAS RE-MOVED FROM SERVICE. 11 LINES \$24.95 17 " 34.95 5 LINE KEY BAR ONLY \$ 8.00



PRINCESS TELEPHONE

BEIGE OR WHITE, NO RINGERS, AS REMOVED FROM SERVICE \$14



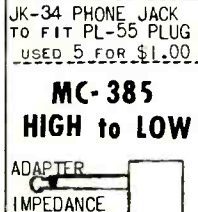
DESK SET (AE) WITH DIAL

5 LINE 1 HOLD, WITH CORD, CABLE & PLUG, AS RE-MOVED FROM SERVICE \$15



CD-318 EXTENSION CORD

WITH PL-291 2 CONTACT FEMALE PLUG TO FIT T-45 & T-30 MICS. SW-141 SWITCH & PL-68 MIC PLUG ON 7 FT. CORD USED \$2.00



CD-604 CORD WITH IMPEDANCE MATCHING TRANSFORMER

500 OHM TO 4000, USED WITH HS-30 HEADSET, 6" CORD & PL-54 PLUG. NEW 50¢ USED 25¢



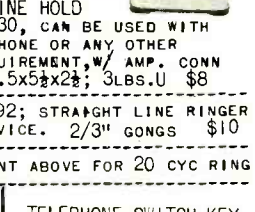
WE ECI-50 RINGER

w/SOUND ADJUSTMENT 20 CYC, IVORY ONLY 3x5x1 1/2. NEW \$10



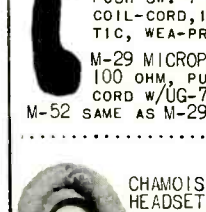
WALL TELEPHONE

STRAIGHT 20 CYCLE RINGER 5x10x3; 5LB WE5M USED \$10.00



DESK SET (SC) WITH DIAL

AE. SC#1543 RE-MOVED F/SERVICE \$9



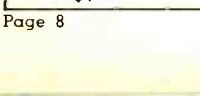
AMPLIFIED HANDSET

WITH VOLUME CONTROL J11 \$12



WE F-1A 20 CYCLE CHIME RINGER

RE-MOVED. SER \$6



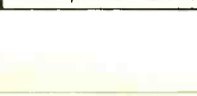
COILED CORD SET

THREE CONDUCTOR 24" TO 72" 75¢ 12" TO 36" 50¢



MC-385 HIGH to LOW ADAPTER

FOR HEADSET 4000-600 OHM USED \$0.50 NEW \$0.75



STANDARD TYPE TELEPHONE HANDSET AND CORD

USED..\$2.50 NEW \$4.50



TELEPHONE 5 LINE HOLD KEY BOX

AE 7030, CAN BE USED WITH REGULAR TELEPHONE OR ANY OTHER SWITCHING REQUIREMENT, w/ AMP. CONN 57-10500-7. S. 5x5 1/2 x 2 1/2; 3LBS. U \$8



WE LOUD BELLS #592; STRAIGHT LINE RINGER

REMOVED FROM SERVICE. 2/3" GONGS \$10



H-60 HANDSET: 150 OHM REC.

25-45 OHM MIC. PUSH SW. 7 COND. 5" COIL-CORD, IMPACT PLASTIC, WEA-PROF U\$5.95



M-29 MICROPHONE

40-100 OHM, PUSH SW. 6" CORD w/UG-77 PLUG. U \$3.95

M-52 SAME AS M-29 w/PL-68 U \$3.95

FOUR CONDUCTOR

12" TO 36" \$1.00

TELEPHONE BELL

USE AS EXTENSION IN SHOP ETC. 2 LB. 4x4x1 1/2 #3661A \$1.50

CHAMOIS HEADSET CUSHIONS

4" DIA. \$2.00 PR

TELEPHONE SWITCH KEY

IN METAL BOX FOR MTG. LEVER TYPE SWITCH. MC-88003 FOR 2 OR 3 LINE. (SPECIFY) \$3.95

TELEPHONE BELL

USE AS EXTENSION IN SHOP ETC. 2 LB. 4x4x1 1/2 #3661A \$1.50

TELEPHONE BELL

USE AS EXTENSION IN SHOP ETC. 2 LB. 4x4x1 1/2 #3661A \$1.50

TELEPHONE BELL

USE AS EXTENSION IN SHOP ETC. 2 LB. 4x4x1 1/2 #3661A \$1.50

TRAILER LIGHTS BALANCING LOAD ASSY. USED FOR TAIL AND STOP LIGHTS. CONTAINS RESISTORS 1.1 40 WATT, 1.5 40 WATT, .6 & .8 OHM 70WATT SIZE 7x2x4; 3 LBS. MOPAR#B7015812 \$1.50




TELEMETER PROGRAM SELECTOR USED FOR PAY TELEVISION. CHOICE OF 3 PROGRAMS, PRE-RECORDED TAPE GIVES PROGRAM INFO. & AMOUNT OF MONEY THAT IS TO BE PUT IN REGISTER FOR EA. PROGRAM, AS SHOWN ON THE COIN REGISTER. A 8 MC. SIGNAL IS USED TO TRIGGER THE MECHANISM AND WE ASSUMED A 35 MC SIGNAL CARRIES THE VIDEO AND VOICE (ITEMS LISTED BELOW ARE PART OF THIS UNIT AND CAN BE PURCHASED SEPARATELY.) SIZE: 15x7x7; WT: 25 LBS. COMPLETE UNIT #1001/5 \$9.95

HIGH IMPACT PLASTIC CABINET ONLY #TELE-CAB.1001 \$3.00

COIN REGISTER MECHANISM CONTAINS TWO ACTUATING PLATE TYPE SEL ENOIDS 300 AND 1200 OHMS. CRAMER 115V60 CYCLE, 5 RPM SYNCHRONOUS MOTOR, OPEN FRAME 115 V. 60 CYC. GEARED MOTOR, WITH GEARED MECHANISM AS USED IN COIN OPERATED TV PROGRAM SELECTOR SYSTEM. ALSO GEARS, LITES COIN NUMBERING RECORDING DIALS ETC. SIZE: 7x5x6; WT: 8 LBS. TELE-REG.#1004 RE-MOVE \$5



TAPE MAGAZINE 1/4" 66 FT. CONTINUOUS LOOP TYPE. HAS RECORDING HEAD, FOR 20 RPM OPERATION. USED WITH COIN REGISTER DESCRIBED ABOVE. (NOT MOTORIZED) SIZE: 4x6x3; WT: 2 LBS. TEL-TAPE#1003 RE-MOVE \$3.00

TELEMETER CHASSIS; WITH 4" SPEAKER, 2 PLATE RELAYS, R.F. COILS FOR 8 MC. 115 V. 60 CYC. POWER SUPPLY, OUTPUT 150VDC 100MA & 6.3V3A. 8135 CRYST. W/TUBES 3/6U8, 6BE6, 6BA8 & 12BH7 1EA. SIZE: 10x6x6; 10 LB. TELE-CHASSIS#1002 RE-MOVE \$7

VARIOMETER, FOR USE WITH RECEIVER OR TRANSMITTER FOR MAX MATCHING OF ANTENNA TO SET TRANSMITTER MAX. 50 WATTS. USED WITH MARK 11 REC-TRAN: CAN BE USED W/OTHER SETS HAS 0-200 DIAL, 360 USED SIZE: 5x9; 8LB. PC75608 \$5

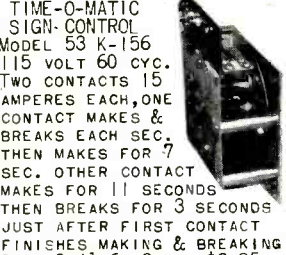
VARIOMETER AS USED IN COM MAND TRANSMITTER. SIZE: 2x3; 4oz. #7249 \$1

VARIOMETER, SERIES WOUND SIZE 5x4; WT: 5 LBS. WILCOX-GAY PT#172428 \$3

RF TANK COIL; 100 MH INDUCTANCE, 39 TURNS EDGEWISE WOUND RIBBON, 4 TURNS FLAT 3/8 x 1/16 SIL-PL. ON MIC. ALEX. 1.6x3x3, COIL 8-7/E 2C638IB/C3 COLLINS \$10


AS-207/CRT-3 ASSY WITH 300 FOOT OF 16 STRAND BRAIDED CADMIUM ALLOY COPPER WIRE ON RL-48 REEL WITH CRANK MOUNTED TO ALUMINUM DOOR WITH ADJUSTABLE BRAKE AND SNAP SWIVEL USED AS ANTENNA FOR GIBSON GIRL TRANSMITTERS, WIRE IS ATTACHED TO BALOON OR KITE WHICH IS NOT SUPPLIED. SIZE: 4x2; 2 LBS. \$5.95

TIME-O-MATIC SIGN-CONTROL MODEL 53 K-156 115 VOLT 60 CYC. TWO CONTACTS 15 AMPERES EACH, ONE CONTACT MAKES & BREAKS EACH SEC. THEN MAKES FOR 7 SEC. OTHER CONTACT MAKES FOR 11 SECONDS THEN BREAKS FOR 3 SECONDS JUST AFTER FIRST CONTACT FINISHES MAKING & BREAKING SIZE: 2x4x6; 3 LB. \$2.95

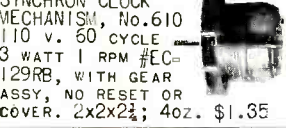


TIME-O-MATIC SIGN CONTROL MODEL 53 K-155 115 VOLT 60 CYCLE, THREE CONTACTS 15 AMPERES EACH, TWO (2) CONTACTS ALTERNATE MAKE AND BREAK ONCE PER SECOND FOR 15 SECONDS, OTHER CONTACT BREAKS FOR 20 SEC. WHILE THE OTHER 2 ARE ALTERNATING THEN ALL 3 MAKE AT THE SAME TIME. THEN CYCLE REPEATS AGAIN. SIZE: 3x5x6; 3 LBS. \$4.95

KEY SELECTOR CONSISTS OF MANUAL CLOCK MECHANISM FOR SENDING 17 IMPULSES, CAN BE SET TO CALL ANYONE AT 78 STATIONS, SPST LEVER SWITCH 2x2x4; 4C5100.60A \$1.50



SYNCHRON CLOCK MECHANISM, No.610 110 V. 60 CYCLE 3 WATT 1 RPM #EC-129RB, WITH GEAR ASSY, NO RESET OR COVER. 2x2x2; 4oz. \$1.35




HAYDON SYNCHRONOUS MOTOR 115 V. 50 HZ. 3/4 RPM CW #42106 \$1.00

HANSEN SYNCHRON CLOCK MOTOR 110 VOLT 60 CYCLE 10 R.P.H. MODIFIED WITH SLEEVE OVER SHAFT TO 24 R.P.H. #A12-RC-12-62 \$1.50

CRAMER TIMER SWITCH ASSY. MODEL TC-60SEC, 230 V 60 CYC, SWITCH 5 AMP. CONT. 3.8 W. 4/5 RPM MOTOR. \$1.95

VARIOMETER, FOR USE WITH RECEIVER OR TRANSMITTER FOR MAX MATCHING OF ANTENNA TO SET TRANSMITTER MAX. 50 WATTS. USED WITH MARK 11 REC-TRAN: CAN BE USED W/OTHER SETS HAS 0-200 DIAL, 360 USED SIZE: 5x9; 8LB. PC75608 \$5

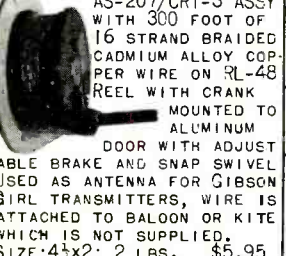


VARIOMETER AS USED IN COM MAND TRANSMITTER. SIZE: 2x3; 4oz. #7249 \$1

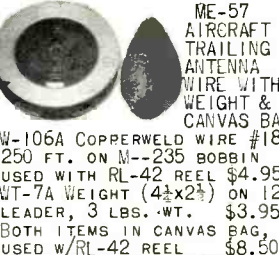
VARIOMETER, SERIES WOUND SIZE 5x4; WT: 5 LBS. WILCOX-GAY PT#172428 \$3

RF TANK COIL; 100 MH INDUCTANCE, 39 TURNS EDGEWISE WOUND RIBBON, 4 TURNS FLAT 3/8 x 1/16 SIL-PL. ON MIC. ALEX. 1.6x3x3, COIL 8-7/E 2C638IB/C3 COLLINS \$10

AS-207/CRT-3 ASSY WITH 300 FOOT OF 16 STRAND BRAIDED CADMIUM ALLOY COPPER WIRE ON RL-48 REEL WITH CRANK MOUNTED TO ALUMINUM DOOR WITH ADJUSTABLE BRAKE AND SNAP SWIVEL USED AS ANTENNA FOR GIBSON GIRL TRANSMITTERS, WIRE IS ATTACHED TO BALOON OR KITE WHICH IS NOT SUPPLIED. SIZE: 4x2; 2 LBS. \$5.95




ME-57 AIRCRAFT TRAILING ANTENNA WIRE WITH WEIGHT & CANVAS BAG W-106A COPPERWELD WIRE #18 250 FT. ON M--235 BOBBIN USED WITH RL-42 REEL \$4.95 WT-7A WEIGHT (4x2x2) ON 12" LEADER, 3 LBS. WT. \$3.95 BOTH ITEMS IN CANVAS BAG, USED W/RL-42 REEL \$8.50



RECORDING TAPE MAGNETIC TAPE FOR MOST AUDIO RECORDERS, 10 1/2" REEL; 3/4" WIDTH APPROX. 3600 FT LEADING MANUFACTURERS. WT; 2 LB AST3045 \$1.50 4 FOR \$5



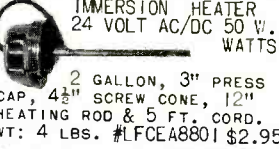
MYLER COMPUTER TAPE; 1/2" 1 1/2 MIL APPROX. 2400 FT. REEL IS IN LOCK TOP BOX. 3LBS USED URC-AMPEX 838 OR EQUAL. \$2.95 2/\$5



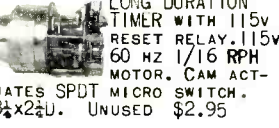
VERNIER SET ATC TIMER WITH 15 MIN. TIMING PERIOD. SYNCHRONOUS MOTOR OPERATES FROM 230V 60 CYC AND HAS SPDT CONTACTS FOR CONTROL OF INDUSTRIAL EQUIPMENT. SIZE 6x5x3 1/2 WT. 5 LBS. PRICE \$4.95 NEW



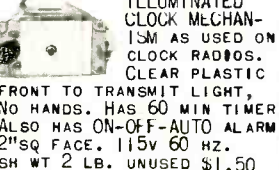
IMMERSION HEATER 24 VOLT AC/DC 50 W. WATTS 2 GALLON, 3" PRESS CAP, 4 1/2" SCREW CONE, 12" HEATING ROD & 5 FT. CORD. WT: 4 LBS. #LFCEA8801 \$2.95



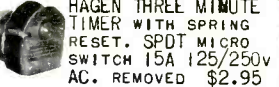
LONG DURATION TIMER WITH 115V RESET RELAY. 115V 60 HZ 1/16 RPH MOTOR. CAM ACTUATES SPDT MICRO SWITCH. 3 1/2x2 1/2. UNUSED \$2.95



ILLUMINATED CLOCK MECHANISM AS USED ON CLOCK RADIOS. CLEAR PLASTIC FRONT TO TRANSMIT LIGHT, NO HANDS. HAS 60 MIN TIMER ALSO HAS ON-OFF-AUTO ALARM 2 1/2" SQ FACE. 115V 60 HZ. SH WT 2 LB. UNUSED \$1.50



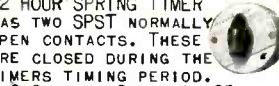
HAGEN THREE MINUTE TIMER WITH SPRING RESET. SPDT MICRO SWITCH 15A 125/250V AC. REMOVED \$2.95




ELECTRIC TIMER ONE HOUR, OPENS AT END OF PERIOD 115 V. 60 CYCLE CONTACT 230 V 25 A. ROBERTSHAW 700-2141 \$1.95



12 HOUR SPRING TIMER HAS TWO SPST NORMALLY OPEN CONTACTS. THESE ARE CLOSED DURING THE TIMERS TIMING PERIOD. 3x3x2 SH WT 2LB \$1.95



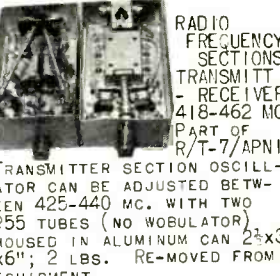
BELL SYSTEM BELL 6 VOLTS D.C. 3 INCH GONG, 2 1/2 x 5 1/2" OVERALL BELL#7-C \$2.95



ALLIGATOR CLIP WITH PINCH SPIKE JAWS AND SCREW HOLDER FOR WIRE, 2" LONG. 12 FOR \$1.00

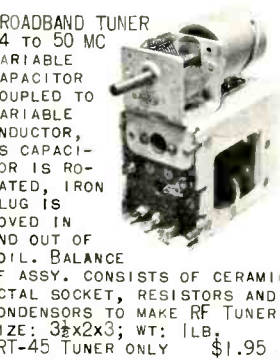


RADIO FREQUENCY SECTIONS TRANSMITTER - RECEIVER 418-462 MC PART OF R/T-7/APN1 TRANSMITTER SECTION OSCILLATOR CAN BE ADJUSTED BETWEEN 425-440 MC. WITH TWO 955 TUBES (NO WOBULATOR) HOUSED IN ALUMINUM CAN 2 1/2x3x6"; 2 LBS. RE-MOVED FROM EQUIPMENT.

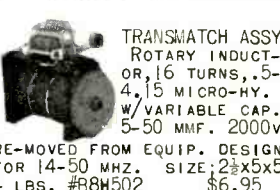


RECEIVER SECTION, BALANCED. DETECTOR WITH 2-9004 TUBES. HOUSED IN ALUMINUM CAN 2 1/2x3x6"; WT: 2 LBS. RE-MOVED FROM EQUIPMENT RT-7/APN-1 RECEIVER OR TRANSMITTER SUB-ASSEMBLY PRICE: WITH TUBES...\$1.50 LESS " .75

BROADBAND TUNER 14 TO 50 MC VARIABLE CAPACITOR COUPLED TO VARIABLE INDUCTOR, AS CAPACITOR IS ROTATED, IRON SLUG IS MOVED IN AND OUT OF COIL. BALANCE OF ASSY. CONSISTS OF CERAMIC OCTAL SOCKET, RESISTORS AND CONDENSORS TO MAKE RF TUNER. SIZE: 3 1/2x2x3; WT: 1LB. RT-45 TUNER ONLY \$1.95




TRANSMATCH ASSY ROTARY INDUCTOR, 16 TURNS, .5-4.15 MICRO-HY. W/VARIABLE CAP. 5-500 MUF. 2000V RE-MOVED FROM EQUIP. DESIGN FOR 14-50 MHZ. SIZE: 2 1/2x5x5 4 LBS. #B8H502 \$6.95



ROTARY INDUCTOR ONLY, DESCRIBED ABOVE 45L-102 \$3.95


CAPACITY TUNER WITH AUTOTUNE 160 TO 211 MC WITH COND. RESISTORS 2/SO-239 1/2C26 TUBE. 7x5 1/2x5 7 LBS. WITH TUBE \$2.95



RT-58/ARC-12 CHANNEL SELECTOR AND MOTOR ASSY. 10 POSITION AUTOTUNE MOTOR DRIVEN 26.5 VDC WITH 2 SHAFTS 60 RPM ALSO RELAYS. 4x6x3 1/2; 5 LB. #596C-1 \$2.95



BUZZER 24/28 VOLTS D.C IN SEALED CAN. TWO HOLE MGT. SIZE: 3x2x1 1/2; WT: 1 LB. #AM-12079 \$.75

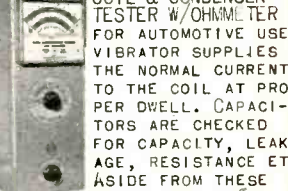


RATE-GYRO No.8511364 28 VOLTS D.C GYRO MOTOR WITH POTENTIOMETER. WESTERN ELECTRIC GA-10147--3 SIZE: 2 1/2x2 1/2x4; WT: 3LB. \$4.95

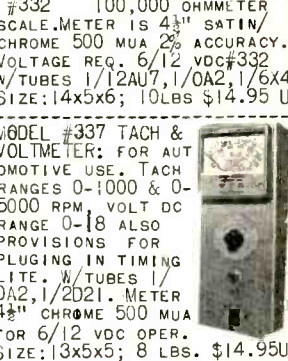


AUTOMOTIVE THE AUTOMOTIVE TEST EQUIPMENT LISTED BELOW IS FROM THE HEYER INDUSTRIES DYNAMOVISION AND MOTOR TUNE-UP EQUIPMENT LINE MADE FOR SERVICE STATION USE AND EVEN THOUGH IT IS OF OLD DESIGN IT MAY BE STILL BE USED FOR WHAT IT WAS INTENDED BUT WE DO NOT MAKE ANY GUARANTEE

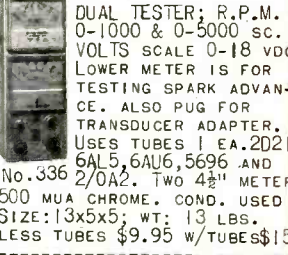
COIL & CONDENSER TESTER W/OHM METER FOR AUTOMOTIVE USE VIBRATOR SUPPLIES THE NORMAL CURRENT TO THE COIL AT PROPER DWELL. CAPACITORS ARE CHECKED FOR CAPACITY, LEAKAGE, RESISTANCE ET ASIDE FROM THESE METER ALSO HAS A 100,000 OHM METER SCALE. METER IS 4 1/2" SATIN CHROME 500 MUA 2% ACCURACY. VOLTAGE REQ. 6/12 VDC #332 W/TUBES 1/12AU7, 1/0A2, 1/6X4 SIZE: 14x5x6; 10LBS \$14.95 U



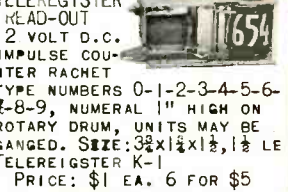
MODEL #337 TACH & VOLTMETER: FOR AUTOMOTIVE USE. TACH RANGES 0-1000 & 0-5000 RPM, VOLT DC RANGE 0-18 ALSO PROVISIONS FOR PLUGGING IN TIMING LITE. W/TUBES 1/0A2, 1/2D21. METER 4 1/2" CHROME 500 MUA FOR 6/12 VDC OPER. SIZE: 13x5x5; 8 LBS. \$14.95 U



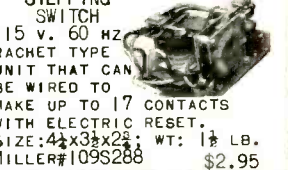
DUAL TESTER; R.P.M. 0-1000 & 0-5000 SC. VOLTS SCALE 0-18 VDC LOWER METER IS FOR TESTING SPARK ADVANCE. ALSO PUG FOR TRANSDUCER ADAPTER. USES TUBES 1 EA. 2D21 6AL5, 6AU6, 5696 AND 6X4. TWO 4 1/2" METER 500 MUA CHROME. COND. USED SIZE: 13x5x5; WT: 13 LBS. LESS TUBES \$9.95 W/TUBES \$15



TELEREGISTER READ-OUT 12 VOLT D.C. IMPULSE COUNTER RACKET TYPE NUMBERS 0-1-2-3-4-5-6-7-8-9, NUMERAL 1" HIGH ON ROTARY DRUM, UNITS MAY BE GANGED. SIZE: 3 1/2x1 1/2x1 1/2; 1 1/2 LB. TELEREGISTER K-1 PRICE: \$1 EA. 6 FOR \$5




STEPPING SWITCH 115 V. 60 HZ RACKET TYPE UNIT THAT CAN BE WIRED TO MAKE UP TO 17 CONTACTS WITH ELECTRIC RESET. SIZE: 4 1/2x3 1/2x2 1/2; WT: 1 1/2 LB. MILLER#109S288 \$2.95



725-A MAGNETRON MAGNET. AIR GAP 3/4" 5200 GAUSS 7"x2 3/4x6 3/4 SH WT 11LB. D169974 OR EQUAL \$20.00



CERAMIC MAGNETS CERAMIC MAGNETS W/KEEPERS 26 DISC'S 2 1/2" DIA. 1/4" TH. IN TRAVELING WAVE TUBE CASING, 10 1/2 LG. 5 LBS. TW-MAG-7740 \$3.00



BRUSH SETS

BD-77 PE-73 DY-17 \$3.00 PER SET



DM-21	DM-28	DM-35	DM-32
DM-33	DM-34	DM-35	DM-36
DM-37	DM-40	DM-41	DM-42
DM-43	DM-45	DM-53	DM-64
BD-83	BD-93	BD-93	BD-69

PE-86 DA-12 DA-14 DA-1F SP-125 DY-21 DY-22

OTHER TYPES ALSO AVAILABLE SET OF FOUR BRUSHES \$1.00

MODULAR POWER SUPPLIES



LAMBDA MODULAR POWER SUPPLIES, RUGGED SOLID-STATE. REGULATED 0.03%. REMOVED FROM EQUIPMENT BUT IN EXCELLENT CONDITION. RATINGS ARE BASED ON A 60 HZ VAC INPUT; OUTPUT V-5% AND AMPS @ 40° CENTIGRADE.

MODEL	INPUT	OUTPUT	PRICE
LMB-5	105-132	5V 3.7A	\$40.00
LMB-20	105-132	20V 1.8A	35.00
LMCC-5	105-132	5V 10.5A	50.00
LMCC-5V	205-250	5V 10.5A	50.00
LMCC-20	105-132	20V 5.0A	50.00
LMCC-20V	205-265	20V 5.0A	40.00
LMD-20	105-132	20V 7.4A	60.00
LMD-20V	205-265	20V 7.4A	60.00
LME-5	105-132	5V 20A	70.00

PACKAGE SIZE: (B) TYPE; 3 1/2 x 5 x 6 1/2; (CC): 5 x 5 x 9 1/2; (D): 5 x 7 1/2 x 9 1/2; (E): 5 x 7 1/2 x 11 1/2.

LRA RACKS FOR LAMBDA MODULAR UNITS AVAILABLE

SPERRY SOLID STATE P.S., 115/230V. 60HZ. OUTPUT 6VDC @ 3.5A., OR 12.03A @ 230V INPUT SIZE 8x10x11; 25 LBS. #4124957 \$24.95

OUTPUT 6VDC @ 5A., -12VDC @ 2.5A. & 48VDC @ 5.5A SIZE: 20 1/2 x 9 x 8; 40 LBS. #411328 \$39.95

OVER-VOLTAGE PROTECTORS FOR USE WITH THE ABOVE LAMBDA POWER SUPPLIES:

LM-OV-2	6-20 VDC	UNUSED-BOXED	\$10.00
LM-OV-3	18-70 VDC	UNUSED-BOXED	\$10.00

LAMBDA HIGH CURRENT POWER SUPPLIES, LTD. QTY

LMF-5	3 1/2 x 19 x 16 1/2	105-132V. 5V 48A	\$150
LMF-A-5	"	105-132V. 5V 31.5A	150
LMF-5-0V-V	"	205-265V. 5V 48A	150
LMF-20	"	105-132V. 20V 23A	150
LMF-A-20	"	105-132V. 20V 16A	125
LMF-20-V	"	205-265V. 20V 23A	150

OTHER MANUFACTURER'S SOLID-STATE REGULATED POWER SUPPLIES WITH 60 HZ INPUT VOLTAGES:

CON AVIONICS	INPUT	OUTPUT	PRICE
HT-39-1.75A-5.15	115V.	39V 1.75A	\$30
HT-20-5.6A-5.15	115V.	20V 5.6A	\$50
HS-20-15.5-896	220V.	20V 15.5A	\$75
NJE-HS-20-15.5-515	216-264V.	"	\$75

DRESSER-BARNES WITH REMOTE SENSING, 26859 210-250V. 20V 3A NEW \$30
26858 210-250V. 20V 9A NEW \$60
27091 208, 220, 240V. THREE PHASE, UNREGULATED, 10V 6A AND 50V 3A. NEW \$25

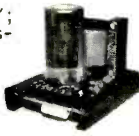
ELECTROSTATICS MODEL 50; INPUT: 103-127 V. 50-400 HZ. OUTPUT: 18-22 VDC @ 2 AMPS. LESS COVER. 6 1/2 x 5 x 4 WT. 10 LBS. NEW \$25

NORTH ELEC. P.S. 105-132V. 40-440HZ. OUTPUT 3.7VDC @ 14A. (MODULAR) 9 1/2 x 5 x 7 1/2; WT: 17 LBS. #N14003KA NEW \$35.00

NORTH ELECT. P.S. 115/230V 60HZ. OUTPUT 6VDC @ .5A. -6VDC @ .5A -12VDC @ 1.6A. -28VDC @ 4A. SIZE: 21 x 5 1/2 x 5 1/2; WT: 28 LBS. #PEC2754 \$29.95

NORTH ELECT. 115/230V. 60HZ. OUTPUT 5VDC 42 A. 15VDC 5 A. -15VDC 5 A. -18VDC 12 AMP. 24 VDC 10A. 250VDC 200 MA. SIZE: 24 x 7 x 16; WT: 150 LBS. #PEC3496 \$100.

WANLESS I-0EM IC POWER SUPPLY; OUTPUT: 24 V. @ 2.5 AMPS. REGULATED; AUTOMATIC FOLDBACK CURRENT LIMITING. FLOATING + AND - OUTPUTS. AC INPUT; SOLID-STATE. SIZE: 5 1/2 x 5 x 6; WT: 10 LBS. NEW, \$36.00



GENERATOR

GENERATOR G-24 AC-DC
115 V. 800 CYC 10.5 AMPS.
24 V. D.C. 60 " "
SPLINE SHAFT SIZE 7/8 x 1 1/2
SIZE: 6 1/2 x 7 1/2 x 13; WT: 45 LBS.
RE-COND. \$24.95



BELL SYSTEM POWER SUPPLY 105-130 VOLT 60 HZ. OUTPUT 18VDC .6 AMP 20VDC 1.0 " "
9VAC 2.8 AMP & 18VAC 1.4 AMP. FUSED & AC CORD.
SIZE: 8 1/2 x 4 1/2 x 8 1/2; WT: 22 LB
#J86731A USED \$6.75

VOLTAGE REGULATED POWER SUPPLIES



LAMBDA

MODEL #28 200-325 VDC @ 100 MA. & 6.3 VAC @ 3 A. RACK MTG. \$20

MODEL #28M WITH METERS \$30

MODEL #29M WITH METERS 100-200 VDC @ 100 MA. 6.3 VAC @ 3A. R-MTG \$35

MODEL #33M W/METERS 100-200 VDC @ 300 MA. 6.3 VAC 2/6.3 @ 5A. R.M. \$45

MODEL #50M W/METERS 0-500 VDC @ 500 MA. W/VAR. TRANS. 2/6.3VAC @ 5A. F/BENCH USE \$100

MODEL C-280 0-200 VDC @ 200 MA. 1/6.3 VAC 10 A. \$55.00

MODEL C-280M W/METERS \$65.00

MODEL C-281M W/METERS 125-325 VDC @ 200 MA. 6.3VAC @ 10A. RACK M \$40.

MODEL C-480 0-200 VDC @ 0-400 MA. 6.3 VAC @ 15A. W/VAR. TRANS RM \$65

MODEL C-480M W/METERS \$75

MODEL C-481M W/METERS 125-325 VDC @ 400 MA. 6.3VAC @ 10 RACK MTG \$50

MODEL 1581M W/METERS 125-325 VDC @ 0-1500 MA. W/VAR. TRANS. 6.3VAC @ 30 A. RACK MTG. \$125

KEPCO 500-R WITH METERS 0-600 VDC 0-300 MA. & 6.3 VAC CT. @ 10 AMPS. RACK MTG. 10 1/2" H. USED \$75.00

NJE S-300 WITH METERS 200-500 VDC @ 300 MA. & 6.3 VAC CT. @ 5 AMPS. W/CABINET 12"H. USED \$75.00

MANY OTHER POWER SUPPLIES IN STOCK WRITE AND TELL US WHAT YOU REQUIRE

DYNAMOTORS

TYPE	USED	RENEW	TYPE	USED	RENEW
DM-25	2.95	4.95	D-401	6.95	6.95
DM-28	6.95	9.95	D-402	6.95	6.95
DM-32	2.95	4.95	D-401(SPEC)	8.95	8.95
DM-32(12V)	4.95	DY-9	9.95		
DM-33(WRITE AV)	4.95	DY-10	12.95		
DM-34	2.95	4.95	DY-17	12.95	
DM-35	20.00	DY-21	8.95		
DM-36	2.95	6.95	DY-22	9.95	
DM-37	13.00				
DM-40	5.95	DA-6A	8.95		
DM-41	5.95	DA-1F	11.00		
DM-42	15.00	DA-14	8.95		
DM-43	15.00				
DM-53	4.95	BD-77	19.95		
DM-53	5.95 (12V)	BD-83	8.95		
DM-64	7.95				

ADVISE US OF YOUR REQUIREMENTS OR WRITE FOR SPECS.
PE-86 5.95
PE-98 8.95 (COMP)
PE-98 4.95 (DYN)
PE-94 9.95

CARTER MA-2503; INPUT 6 VDC 6.3 A. OUTPUT 250 VDC 30 MA. SIZE 3 1/2 x 5 x 3; WT. 6 LBS. USED \$4.95

41S14 F/COLLINS 618; INPUT 27.5VDC 22 AMPS. OUTPUT 650 VDC 550 MA. & 250 VDC @ 150 MA. SIZE 9x14 N \$15

DYNAMOTOR DM-35 INPUT 12 VDC @ 18.7 AMP. OUTPUT 625 VDC @ 225 MA SIZE: 4 1/2 x 4 1/2 x 8 1/2; 13 LBS. UNUSED \$20

INVERTERS



EICOR INVERTER X3516-1 INPUT: 27.5 VDC 165 AMPS. OUTPUT: 115 VOLT 400 CYCLE 2500 V.A 1 PHASE SIZE: 16x11x8; WT: 75 LBS. EXCELLENT COND. \$49.50

PU-7 INVERTER

INPUT: 28 VDC 160 AMPS. OUTPUT: 115 VAC. 400 CYCLE 21.6 AMP. 1 PHASE SIZE 19 1/2 x 8 x 10 1/2; 100 LBS. PRICE: UNUSED \$49.50

5AS13N3 INVERTER

INPUT: 26 VDC 100 AMPS. OUTPUT: 115 VAC 400 CYCLE 1500 VA 1 PHASE SIZE: 14x9 1/2 x 6; WT: 50 LBS. PRICE: UNUSED \$45.00

MG-149F INVERTER

INPUT: 24 VDC 36 A. 750 VA. OUTPUT: 115 V. 400 CYCLE 1 PHASE 500 VA & 26 V. 400 CYCLE 1 PHASE 250 VA. SIZE: 12x8x8; WT: 25 LBS. PRICE: GOV. RECOND. \$39.50

INVERTER INPUT 27.5VDC 60A

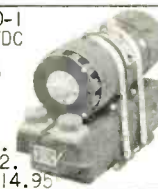
OUTPUT 115 V 400 CY 750 W 3 PHASE 26 V 400 CY 50 W 1 PHASE SIZE 11x10x6; WT: 4 LBS. LELAND #10285 USED \$34.95

JACK & HEINTZ INVERTER

INPUT: 27.5 VDC 150 AMPS. OUTPUT: 115/200 VAC 1/3 PHASE, 2250/2500 VA 400 CYC SIZE: 20x12x8; WT: 75 LBS. J&H F-45-3 OR EQUAL USED PRICE: USED, REPARABLE \$75

PU-43/A-800-1

INPUT: 24 VDC @ 75 AMPS. OUTPUT: 115 V. 800 CYC. 1 PHASE 10.5 AMPS. WT: 35 LB. SIZE: 4 1/2 x 8 x 12. USED \$14.95



JACK & HEINTZ

F-132 INVERTER

INPUT 27.5 VDC @ 100 AMPS. OUTPUT 115 V. 400 CYCLE 1500 VA 3 PHASE SIZE: 16 x 11 x 7; WT: 55 LBS PRICE: USED \$75.00

F-147 INVERTER

INPUT 27.5 VDC @ 180 AMPS. OUTPUT 115 V. 400 CYCLE 2500 VA 1 PHASE SIZE 18x11x7; WT: 75 LBS. PRICE: USED \$75.00

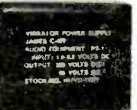
JACK & HEINTZ INVERTER

#AN-3532-2 INPUT 27.5 VDC @ 20 AMPS. OUTPUT 115 VOLT 400 CYCLE, 3 PHASE, 250VA VOLTAGE REGULATED. SIZE: 12 1/2 x 7 1/2 x 4 1/2; WT: 20 LBS. FE06125-617-0967 USED \$14.95 RE-COND. \$22.95

M4A1 PERISCOPE WITH TELESCOPE M77C, 1.5 POWER, COATED OPTICS, ERECT IMAGE ADJ. FOR ELEVATION AND DEPTH. ALSO MIRROR TYPE PRISMS EACH END OF PERISCOPE. SIZE: 6 1/2 x 11 x 1 1/2; WT: 9 LBS. PRICES: COMPLETE UNIT \$12. PERISCOPE LESS TELESCOPE \$7. TELESCOPE ONLY M77C \$8. PRISMS ONLY \$1.50



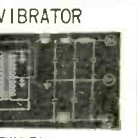
VIBRATOR POWER SUPPLY, USED WITH AN/PI-P-1A PUBLIC ADDRESS SYSTEM. INPUT: 5.2 TO 6.2 DC VOLTS; OUTPUT: 300 VDC 60MA, 50 VAC. SIZE: 4 1/2 x 3 1/2 x 2 3/8 LBS #H17VD-11077 NEW \$9.95



PE-104 POWER CONVERTER. 6 OR 12 VDC INPUT, OUTPUT 90 VDC, 1 1/2 VDC AND -45 VDC. SIZE: 4x4x7; WT: 10 LBS. NEW \$3.95 W/EXTRA VIB. \$4.95



PP-855/PRC-14 VIBRATOR POWER SUPPLY WITH FILTER NETWORK. 6 VOLTS DC INPUT, 5.35 AMP OUTPUT 135 VDC @ 155 MA. SIZE: 7 1/2 x 2 1/2 x 2 1/2; WT: 3 LBS. NEW \$4.95



DUAL SIX VOLT D.C VIBRATOR POWER SUPPLY. OUTPUT 540 VDC @ 150 MA. CAN BE TAPPED AT 270 VDC. WITH 2/OZ4 TUBES. SIZE: 9x6x5; WT: 10 LBS. STK#3H6694-5 NEW \$7.95



PE-237 POWER SUPPLY FOR BC-1306 GRC-9

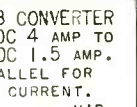


VIBRATOR TYPE WITH 1005 & 1006 TUBES ALSO VB-16 VIB. VOLATGE REQ. 6 OR 12 OR 24 VDC, OUTPUT 525 VDC @ 90MA 105 VDC @ 42 MA. 6.5 VDC @ 2 AMP, 6 VDC @ 500 MA. 1.3 VDC @ 450 MA. & 130 VDC @ 17 MA. SIZE: 10x10x17; WT: 85 LBS. RE-COND. \$19.95

RA-120 AC POWER SUPPLY FOR BC-620 AND BC-659 RECEIVER-TRANSMITTERS. VOLTAGE REQUIRED 115 OR 230 VOLT 50-60 HZ. FASTENS TO BOTTOM OF REC.-TRANS. SAME AS PE-97, 117 & 120 POWER SUPPLIES. SUPPLIES ALL VOLTAGES NEEDED FOR SETS. SIZE: 5x14x15; 30 LBS. REPARABLE \$25.00



PP-18 CONVERTER 12 VDC 4 AMP TO 24 VDC 1.5 AMP. PARRALLEL FOR MORE CURRENT. WITH VIBRATOR ALSO PLUG NEW \$4.95



HARDWARE KIT: CONTAINS 50 CLAMPS OF 5 DIFFERENT SIZES, 20 SCREWS, 5 TYPES, 15 WASHERS, 7 LUGS, 4 HEX. NUTS, 18 SPACERS. #RC298 5LB.75¢



RUBBER SHOCK MOUNTS
 4 LB. #4 \$.30
 6 " #6 .35
 10 " #10 .40
 12 " #12 .50
 16 " #16 .60
 24 " #24 .75
 35 " #5215 .75

OTHER TYPE MOUNTS AVAILABLE IN LIGHTER & HEAVIER. ADVISE NEED

TUBE SOCKETS

OCTAL CERAMIC 2 HOLE MTG. \$.25
 " " RING " .15
 " BLACK " " .15
 LOCTAL MICA 2 HOLE MTG .25
 4 PIN CERAMIC 2 " " .35
 813 CERAMIC SOCKET \$1.50
 6 " " 2 HOLE " .29
 7 " " " " " .29
 4/5/7/9 PIN WAFER " " EA..10
 7/9 PIN MICA SMALL " " .20
 9 PIN CERAMIC " " .35
 METAL SHIELDS SMALL 7-9 " .10
 829 CERAMIC SOCKET .75
 872 " " W/SHOULDER .75
 811/866 " " W/SHOULDER .75

GIANT 4 CONTACT CERAMIC FOR 872, 211 ETC. 3 1/2" RD. GE#ML7461594-G1 PRICE: USED \$.39

GIANT 4 CONTACT CERAMIC SOCKET FOR 715, 718 ETC. 3 1/2" RD. STK#227684.98 PRICE: NEW \$1.00

TERMINAL STRIPS WITH CLIPPED WIRE
 BARRIER TERM. STRIPS AVAILABLE, 3/4, 1 & 1 1/2" WIDTHS, 2 TO 16 TERM. INALS. TWO TERMINAL 20¢, EA. EACH ADDITIONAL TERMINAL 3¢. WE WILL SHIP CLOSEST TO YOUR ORDER.

HEAVY DUTY TERMINAL STRIPS.
 APPROX. 2" x 1 1/2".
 6 TERM. 4 LUGS \$1.50 12 TERM. WITH 8 " 6 " 2.00 SCREW DOWN 12 " 8 1/2 " 3.00 HOLDER TYPE#4

BINDING POSTS, 5/8" DIA. HEAD; 1/2" LONG #8 THREAD. OVERALL: 1 1/2". USED, \$1/DOZEN

TWO 4X150 TUBE SOCKETS MOUNTED ON CHASSIS AS WAS USED IN T-195 TRANSMITT MODULATOR. SIZE 4 1/2 x 3 x 2 1/2; 1 LB. T-195/4x150 \$10

ENERGY STORAGE

ENERGY STORAGE CAP. 7.5 MFD., 20K VDC .06 UH IND. OSCILLATORY DUTY, 75K PEAK AMPS. CASTOR OIL FILLED. SIZE: 1 1/2 x 1 1/2 x 5; 65 LBS 3E#14F66635 \$50

U-102/U ADAPTER TUBE SOCKET; VECTOR MODEL T-8-0. FITS STANDARD 8-PIN OCTAL. FLASH-OVER VOLTAGE 1500+ VDC. 1 1/2 x 1 1/2 #U-102/U \$.59 EA. 2/\$1.

Capacitors



MFD	VDC	SIZE	PRICE
24000	3	4x3	\$1.00
2000	15	1 1/2 x 4 1/2	.59
1100	25	1 1/2 x 4	.75
50	150	2 1/2 x 4 1/2	1.50
500	200	2x4	1.00
14	220	3 1/2 x 2 x 1	.75
4	400	2 1/2 x 4 x 1	.50
10	400	2 1/2 x 4 x 1 1/2	.75
2	600	2 1/2 x 2 x 1	.50
3	600	1 1/2 x 3 x 1	.50
4	600	3 1/2 x 2 x 1	.65
6	600	4 1/2 x 2 x 1	.75
7	600	4x4x2	.85
8	600	3 1/2 x 5 x 1 1/2	1.00
10	600	3 1/2 x 4 x 1 1/2	1.25
1.3	950ac	5x4x1 1/2	.75
1	1000	1 1/2 x 2 x 1	.50
2	1000	1 1/2 x 4 x 1	.75
4	1000	2 1/2 x 4 x 1 1/2	1.00
7	1000	3 1/2 x 4 x 1 1/2	1.50
10	1000	3 1/2 x 4 x 1	1.75
15	1000	3 1/2 x 5 x 2 1/2	1.25
2	1500	2 1/2 x 4 x 1 1/2	1.00
1	2500	3 1/2 x 4 x 1 1/2	1.00
3x1	1200	3x3x2 1/2	.75
1	1200	2 x 3 x 1	.50
4	2000	2x3x1	1.00
4	2000	3 1/2 x 4 x 2 1/2	2.50
2	2500	2 1/2 x 4 x 1 1/2	3.00
1	3000	3 1/2 x 4 x 2 1/2	1.00
2x.1	4500	3 1/2 x 3 1/2 x 1 1/2	1.00
1	5000	8 1/2 x 4 1/2 x 3 1/2	4.00

COMPUTER GRADE

MFD	VDC	SIZE	PRICE
28000	15	2 1/2 x 4 1/2	2.00
20000	25	3 x 4 1/2	2.00
16500	30	3 x 4	2.00
24000	30	2 1/2 x 4	2.25
25000	30	3 x 4 1/2	2.50
18000	35	3 x 4	2.50
16000	40	3 x 4	2.75
30000	40	3 x 4 1/2	3.00
48000	40	3 x 5	4.00
51000	40	3 x 4 1/2	4.50
12500	50	3 x 4	2.25
23200	50	3 x 4	3.75
22000	75	3 x 6	4.00
1500	75	1 1/2 x 4	2.00
3500	100	3 x 5 1/2	4.00
1700	200	3 x 5 1/2	4.00

AC CAPACITORS

MFD	VAC	SIZE	PRICE
5	220	3 1/2 x 1 x 4	1.00
47-58	220	2x4 1/2 RD	2.00
3.9	330	1x2x4	1.00
4	330	2x6	1.00
7	330	3 1/2 x 3 1/2 x 1 1/2	1.25
3	660	3 1/2 x 4 x 1 1/2	.75
4	370	1 1/2 x 2 1/2 x 2 1/2	.75
10	370	6x1 1/2 RD	1.25

HIGH VOLTAGE

MFD	VOLTS	SIZE	PRICE
1	10000	13x12x4	12.00
2	12500	13x12x4	13.00
1	15000	13x12x4	15.00
1	18700	15x14x5	20.00
2	20000	15x12x10	50.00

OTHER VALUES IN STOCK, WRITE PHOTO-FLASH CAPACITOR 25.6 MFD 1000/2000 VDC INTERMITT ENT. RE-MOVED FROM EQUIPMENT GE25F454 3 LBS. \$7.50

SYNCHRO CAPACITOR 3x10 90 V 60 HZ. 4 1/2 x 4 1/2 x 4 1/2 \$7.50

CAPACITANCE DIVIDER 30 MMF 15KV. INS. RATIO 60:1 W/54" RG-11 & PL-259 CONN. GE#C373179, 6x6x7 1/2, 6LBS \$7

ROTARY SWITCH, FOUR DECK, THREE POLE-THREE POSITION EACH DECK. CERAMIC WITH SILVER CONTACTS. SIZE: 2x6 #5930-407-2704 NEW \$4.95

ROTARY SWITCH, CERAMIC, 2" D 3 POLE, 3 POSITION, 1 DECK 3Z9825-34.1 NEW \$1.00

HEAVY DUTY ROTARY SWITCH, 10 AMP. 1-POLE 5-POS. WITH SCREW TERMINALS. 2x1 1/2 DIA. #5930-594-1015 PRICE: UNUSED, 89¢

ROTARY BAKELITE DPOT 2 SECTION, NON SHORTING, LOCK ACT 3Z9826-34.2 75¢

ROTARY SWITCH 10 POLE, 4 POS. 5 DECK. 3 1/2 x 1 1/2. RM-39/31.9 RE-MOVED \$1.00

GE CERAMIC POWER SWITCHES 2 DECK 3 POSITION 2x5 IN. GE#P42U198-1 G1/394 \$1.95

GE HEAVY DUTY CERAMIC, TWO DECK 4 BREAK 3 MAKE, 2x4" #ML7464910-G1/407 \$1.95
GE HEAVY DUTY CERAMIC, TWO DECK 3 POSITION, 3x4 1/2" #ML7762999-G1/397 \$1.95

ROTARY SWITCH; ONE POLE 12 POSITION NO STOP, 1 1/2" DIAMETER #AB-6-22 75¢

ROTARY SWITCH CERAMIC WAFERS, 2 DECK 4 POSITION, 2" DIAMETER. #C-87/S-602 75¢ EACH.

TWO ON/OFF SWITCHES ON ROTARY WAFER, 2 DECK, POLE 2, 5 POS. #333-9774 \$1.00

ROTARY SWITCH, BAKELITE WAFER, 1-POLE 11-POSITION, 1 1/2 x 1 1/2 3Z9825-92.3 50¢

ROTARY SWITCH SINGLE 17 CONTACT DECK, ONE TIE DECK DIA. 2 1/2 x 1 LANS. SW-942-249 75¢ EACH 2 FOR \$1.25

ROTARY ACTUATOR WILL OPERATE FROM 12-28 VDC, 12 POS ITION, 30 DEGREES EA. 2 1/2" SHAFT AND RODS FOR MOUNTING WAFER SWITCHES. MOUNTING 2 1/2 x 3, 1 1/2" H. WT: 1 LB. #MX167869G1 \$1.50

BENDIX HEAVY DUTY TAP SWITCH BENDIX HEAVY DUTY TAP SWITCH 12 POSITION, W/ KNOB, AIRCRAFT TYPE. SIZE: 3x1 1/2 WT: 4OZ. \$2.95

ROTARY SWITCH, BAKELITE WAFER; 2 DECK, 5 POSITION, 1 POLE MOMENTARY 5 POS. 2x2 x2 SW-145 39¢ EA 3/\$1.00

CERAMIC ROTARY SWITCH, 5 WAFER, 2 POLE, 6 POSITION EA. WAFER. #5930-254-0141 \$2.95

Kits \$1.00

DISC CERAMIC CONDENSERS 33 ASST. 15MMF-.61MFD. Good Value \$1.00 a KIT

TUBULAR CONDENSER 50 ASST. .00025 to .1 200 to 600 V \$1.00 a KIT

MICA CONDENSERS 25 ASST. 10 MMFD To 6800 MMFD. \$1.00 a KIT

TRIMMER CONDENSERS 25 ASST. 3 TO 280MMF WIDE RANGE \$1.00 KIT.

RESISTORS INSULATED ON BOARDS 50 ASST. 1/2, 1 & 2 Watt wide range of good values \$1.50

RESISTORS WIREWOUND 25 ASST. 5 to 20 Watt Wide range of values some tapped. 25 ASST \$1.00

VOLUME CONTROLS 10 ASST. Popular Values \$1.00

TUBE SOCKETS 20 ASST. Octals Loctals Miniatures Wafers etc \$1.00

PILOT LIGHT SOCKETS 25 ASST Bayonet Screw etc. \$1.00

TERMINAL STRIPS, Tie lug strips, ASST types. 25 for \$1.00

TERMINAL WGS, ring spade, crimp types. Wide variety of sizes for all uses in clear plastic box, APPROX. 200 PCS. \$1.50

ROTARY SWITCHES BRAND NEW ORDER NOW 6 for \$1.00

BATHUS CONDENSER KIT 1 MFD. to 1 MFD. up to 600 Volt. 10 for \$1.00

HARDWARE KIT NUTS, WASHERS SCREWS, RIVET GROMMETS ETC. 1 1/2 LBS. \$1.00

COMPUTER GRADE



COMPUTER GRADE CAPACITORS OUT OF EQUIPMENT GUARANTEED

MFD	VDC	SIZE	PRICE
900	165	2x4 RD	\$1.25
100	250	1 1/2 x 2 1/2	1.25
1500	75	1 1/2 x 4	1.25
1400	99	2x4 RD	1.25

LOTS OF 6 \$1.00 EACH.

5500	45	2x4RD	.75
12000	11	2x4	.75
35000	12	2x5 1/2	1.25
11500	18	2x4 1/2	1.25
4000	33	2x4	.75
3500	52.5	2x4	.75

MICA CAPACITORS

MICA CAPACITORS CER-MIC CASED VARIOUS MANUFACTURERS, VALUES NOT AVAILABLE IN ALL TYPES.

CAPACITY	VOLTS	PRICE
.04	1,000	\$ 6.00
.08	1,500	9.00
.09	1,500	9.00
.027	2,000	16.00
.03	2,000	16.00
.045	2,000	20.00
.082	2,000	25.00
.02	3,000	20.00
.01	5,000	15.00
.001	5,000	15.00
.024	5,000	20.00
.003	5,000	20.00
.002	6,000	20.00
.0002	6,000	20.00
.00051	6,000	20.00
.0006	6,000	20.00
.0022	6,000	20.00
.0047	6,000	23.00
.016	8,000	25.00
.005	8,000	25.00
.001	10,000	38.00
.01	15000	45.00
.0075	10,000	38.00
.00025	10,000	38.00
.0016	15,000	45.00
.002	15,000	45.00
.0068	15,000	45.00
.0082	15,000	45.00
.0012	20,000	50.00
.00015	20,000	50.00
.000051	20,000	50.00
.0012	25,000	58.00
.0051	25,000	55.00
.0036	25000	50.00

WRITE OTHER VALUES IN STOCK

ANTENNA CIRCUIT SWITCH 100 WATT 3/MAKE 3/BRE AK SIZE: 4 1/2 x 2 1/2 IN. #329626 \$2.50

RESISTORS. PRECISION 25 ASST. ON BOARDS. WIRE WOUND OR CARBON 1% OR BETTER GOOD VALUES. \$1.00 50 TINY CAPACITORS SELECTED TINY ASST PAPER & CERAMIC X GOOD VALUES. \$1.50

WIRE ASSORTMENT SIX 25 FT. COILS FULLY INSULATED STANDARD SIZES TINNED COPPER ASST. COLORS \$1.00

TRANSFORMERS

**60 VCT
15 AMP**

PRI: 115v. 60CY.
SEC: 50VCT. 15A.
50VCT. 1A.
5x4x4 WT: 14LBS.
BURNS#43847
PRICE \$9.95

PRI: 115 V
60 CYC
SEC: 200VCT
2 AMPS
4x4x4
20 LBS
1FX46-16 \$4.95

PRI: 115V47-420CYC
SEC: 3/120VCT120MA
115/50MA
16V @ 15 AMP.
4x5x3 1/2: 10 LBS
#9525 \$9.95

PRI: 115 V. 60 HZ
SEC: 56 VAC CT &
10V TAP @ 6 AMPS.
3x3x3 1/2: 9 LBS.
ANKER#4601 \$5.95

PRI: 115 v 60 CYC
SEC: 42 VCT 4 A.
2 VCT 12 A.
4x5x8 1/2: 17 LBS.
3H4674B. 1/16 \$6.00

PRI: 115 v. 60 CYC
SEC: 63 V. TAPPED
35 V @ 7A/28V@25A.
8x8x5 1/2: 40 LBS.
5950-845-2755 \$22

TF45X02YY
THREE PHASE
PRI 171V 50-450CY
SEC 28V @ 40A
6x7x9 1/2 WT. 45LBS
PRICE: \$14.95

MICROPHONE TRANS
PRI: 40 OHMS
SEC: 75000 "
SIZE: 1 1/2 x 1 1/2 x 2
WT: 2 OZ.
229986-2/RM-12
PRICE: 75¢

MICROPHONE
PRI: 14.5-21 OHM
SEC: 4475-6500
OHMS
CARBON MIC.
2 1/2 x 3 1/2 x 2 1/2
#P7762352G1
\$1.00

Microphone Transformer
Pri: 1 ohm
Sec: 2000
1 1/2 x 2 1/2
STW229666A
Price \$1.59

**1-177
TUBE CHECKER
TRANSFORMER**
SIZE: 4 1/2 x 4 1/2 x 5 1/2 LB
STK # 229613.667
PRICE: \$4.95

**PRIMARYS
115 VOLT
60 HZ**
SEC: 50 VCT 1.5 A.
5 V. 2.0 A.
3 1/2 x 2 1/2 x 3 1/2: 4 LBS.
URC#10603004 \$2.50

SEC: 70 VCT 1.5 A.
5 V. 1.5 A.
3x2 1/2 x 3 1/2: 5 LBS.
URC#18085-1 \$2.75

PRI: 115/230V 60 HZ
SEC: 700VCT@120 MA.
5V/3A. 6.3V/4 A.
300 VCT@30MA.
SIZE: 4 1/2 x 5 1/2 x 4 1/2: 10LB
RD60T3 \$4.95

**ALL PRIMARYS
115 VOLT 60 CYCLE**
SEC: 6V. @ 500 MA.
1 1/2 x 1 1/2 x 1 1/2: 3 OZ.
URC#1378648 \$1.25

SEC: 6.3 V @ 1 AMP
1 1/2 x 1 1/2 x 1 1/2: 3 OZ.
URC#115821 \$1.50

SEC: 2/14 V. 600 MA
2 1/2 x 1 1/2 x 2: 1 LB.
WARNEY 214/6 \$1.95

SEC: 2/30 V. 250 MA
2 1/2 x 1 1/2 x 1 1/2: 4 OZ.
URC#60605 \$1.50

SEC: 110 VAC 100 MA
130 " 100 MA
SZ12: 2 1/2 x 3 x 2;
#801632 \$1.75

SEC: 125 VCT 15 MA
6.3 VAC 0.6 A
SIZE: 2x2x1 1/2: 8 OZ.
#30961 \$1.50

AUDIO OUTPUT TRANS
PRI: 450 OHMS
SEC: 300/4000 OHMS
IMPEDANCE
PC/BC-348
STK# 2C4348M/T
2x2 1/2 x 4 WT. 2 1/2 LBS.
PRICE: \$1.00

LOW VOLTAGE TRANSFORMERS

ALL PRIMARIES 105/110/115
120/125 VOLTS 60 CYCLE.

SEC: 6.6 v. 18 AMP
3 1/2 x 5 1/2 x 4: 12 LBS.
GE#9T35Y159 \$3.95

SEC: 6.6 v. 10 AMP
6.6 v. 1 AMP
5x4x3 1/2 WT: 10 LBS.
GE#9T35Y184 \$3.25

ALL PRIMARIES 115 V 60 HZ.

SEC: 6.3 VCT 3 A. AND 5 V.
6 AMP. 3 1/2 x 4 1/2 x 4: 4 LBS.
#229611.106 \$4.95

PRI: 115 v. 50/60 HZ.
SEC: TWO 6.3 V WINDING 3A.
2 1/2 x 3 1/2 x 2 1/2: 2LBS.#0555 \$3.95

PRI: 66 v. 50 TO 63 HZ
SEC: 115 V. 25 AMPS
SIZE: 5x4 1/2 x 6 1/2 WT: 15 LBS.
#5950-660-7183 \$12.95

PRI: 230V 60 CYC
SEC: 6.3V 30A OR 5.67V30A
4 1/2 x 5 1/2 x 3 1/2: 13LB#6510 \$4.95

PRI: 115V60HZ. SEC: 2.5VCT10A
10V INS. 3x3 1/2 x 2 1/2: P3060 \$4

PRI: 115V60HZ. SEC: 3/6.3V2A
5V3A. 3x4 1/2 x 3: GE80G114 \$3.95

SEC: 6.3V 7.5A/6.3V 5A./
6.3V 0.5A
3 1/2 x 4 1/2 x 4 1/2: 8 LBS.
BENDIX#L217328 \$4.95

**2-6.3 VCT
35 AMP.**

PRI: 105-125V 50/60 HZ
SEC: 2-6.3VCT 35 AMPS.EA.
7x6 1/2 x 5 1/2: 33 LBS.
SMITH#3002730 USED \$20.00

PRI: 120V 50/60 HZ
SEC: 5VCT 4A/5VCT 2A/6.8V1A
3x4 1/2 x 3 1/2: 6 LBS.
BENDIX#L217335-1 \$3.95

MICROPHONE TRANSFORMER
PRI: IMPEDANCE 50 OHM 30MA
SEC: IMPEDANCE 500 OHM
FREQ. RESPONSE 400-1900CPS
SIZE: 1 1/2 x 1 1/2 x 1 1/2: 8 OZ.
\$1.00 T-204/PP-115

LINE TRANSFORMER INPUT
PRI: IMPEDANCE 500 OHM CT
SEC: " 500 "
FREQ. RESPONSE 600-12000CP
SIZE: 2 1/2 x 2 1/2 x 2: 1 LB.
T-203/PP-115 \$1.50

PRI: 115 VOLT
60 KH
SEC: 2000 VCT
@ 500MA. CONT
700 MA. INT.
7 1/2 x 5 1/2 x 3: 30LBS
8323 \$25.00

PRI: 7000 OHM CT
SEC: 265 " "
80 " "
ONE WINDING
POWER: 62.5 WATTS
RESPONSE: 1 DB
20-20,000 CPS
SIZE: 4 1/2 x 6 x 4: 20 LB
TF1A13MA \$4.95

HIGH VOLTAGE TRANSFORMERS

DC POWER SUPPLY
PRI: 115V 60 CY
SEC: -8000 V.
@ .25-1 MA.
-120V @ 15 MA
-24V @ 1.2 A
-16V @ .45 A
SIZE: 4x4x9 1/2: WT: 15 LBS.
#GE9T63Y2280G03 \$14.95

**IGNITION
TRANSFORMER**
GE# 9762Y4054
PRI: 120V 60HZ
SEC: 5000 V
20 MA. CASE GN
SIZE: 5x4 1/2 x 3 1/2: WT: 13 LBS.
#5950-529-6870 \$9.95

PRI: 115 V. 60 HZ. 250 VA.
SEC: 10,000 V. 23 MA. CASE
GROUND
SIZE: 8x5x5: WT: 18 LBS.
GE# 5669 \$14.95

PRI: 115/230 V. 60 HZ.
SEC: 520 VCT @ 90 MA.
6.3V/1 1/2 A. 6.3VCT 4A.
SIZE: 4 1/2 x 5 1/2 x 3 1/2: WT: 7 LBS.
#TBIRX03LB/FGC-29 \$5.95

CHOKE FOR ABOVE 10/25 HY.
125/15 MA. 4 1/2 x 3 1/2 x 4 1/2: 4 LBS
#TFIRX04LB/FGC-29 \$3.95

ISOLATION 6.3 TO 6.3

PRI: 6.3V 60HZ./SEC: DUAL
6.3V 1A. 3x3x2 1/2: 1LB.
FGC-512664A \$2.95

PRI: 105-110-115
120-125
SEC: 560CT 75 MA
365 V 150 MA
TAP335 V
3 1/2 x 5 x 3 1/2: 8 LBS.
#TFIA02JA \$1.95

NOISE FILTERS

RADIO INTERFERENCE
250 VOLTS AC/DC
3 AMPS. F-311/U
3 1/2 x 4 x 1 1/2: 12 OZ.
SNSM N17S050968-
5555 \$3.95

FILTRON FA-380 3x10 AMPS.
28 VDC 3x3x1 1/2 \$2.50

CORNELL-DUBILIER NF10501
4 AMP 50VDC 2 1/2 x 2 x 2 1/2 \$2.00

TOBE FILTERETTE 1426, 7.5
AMPS 500 VDC 2 1/2 x 1 1/2 x 1 1/2 \$2

TOBE 1163FL-23 10 AMP 30 V
DC 2x2x1, w/BACKET \$2

SPRAGUE JX-51K 10 AMPS, 100
VDC. SIZE 2x2x1 1/2: \$2

PRI: 110/220/440 V
50/60 CYCLE
SEC: 24 V 6 AMP.
6 V I

CIRCUIT RESET FOR
4 1/2" sq. BX. MTG.
7x4 1/2 x 5: 10 LBS.
#5950-581-5333
UNUSED \$9.95

PRI: 115 V 60 C
SEC: 6.3 V 3.6 A
15 V.004 A
15 V.004 A
SIZE: 3x3 1/2 x 3 1/2: 4 LBS
STK#ORD7629806
PRICE: \$1.50

**CONSTANT VOLTAGE
TRANSFORMERS; 95
TO 130 VAC 60 HZ
PRIMARY; WITH
CAPACITORS. SOLA
AND OTHER MFGS.
REMOVED FROM E-
QUIPMENT.**

SEC: 18 VDC 6 AMPS
SIZE: 4 1/2 x 3 x 5 1/2: 10LB
#21804 \$7.95

SEC: 24 VDC 5 AMPS
SIZE: 4 1/2 x 3 x 5 1/2: 10LB
#22661-1 \$9.95

SEC: 25-27VDC 3.5 A
AMPS; 5x3 1/2 x 4 1/2: 11LB
#22662 \$6.95

**MAGNETIC
AMPLIFIER
115,400 CY/
HEATER/D.C.
REFERENCE/
CONTROL.**

KEARFOTT#425957-1A/SPERRY
622033. 3x2x2; 1 1/2 LB
5950-712-3882 \$3.95

PRI: 120V 50-60CYC.
SEC: 5V CT @ 10.8A/
SIZE: 5 1/2 x 3 1/2 x 3 1/2
WT. 8 LBS.
#L 217247-1
PRICE: \$3.95

**PRIMARY VOLTS
81,163 & 230
50/60 CYCLE
SECONDARY VOLTS
12 CT. 3 1/2 AMPS
12 CT. 3 1/2 " "
13 CT. 10 " "
@ 115V 2/16V-3A 1/17V
10A. SIZE 4x7x7 18LBS.
GE#7466333 \$5.95**

PRI: 95/105/115/125/
190/210/230/250
@ 60 CYCLE
SEC: 2/4, 6/8/@225 MA
90/100/110 @
225 MA.
115 @ 500 MA.
4 1/2 x 5 1/2 x 4: WT: 13 LBS.
KLIENSCHMIDT 5399 \$9.95

PRI: 115v 60CYC
SEC: 40-0-40V .18A
3x3x5 WT. 5LBS
#7629808 \$1.50

PRI: 120/240 v. 60 HZ.
SEC: 420-470V 450MA/2.5V/3A
347V .83A/15V .02A/10.2V 5A
6.5V 5A. SIZE: 5 1/2 x 6 1/2 x 6 1/2: 20L
5950-235-3786 \$6.95

PRI: 1/2/4/10/20/
40/100/200/400/
1000/2000
SEC: 40 V. 100 MA
6x7x5; 20 LBS.
ESPEY T-41627 \$8

PRI: 115V 60 HZ.
SEC: 130VCT 100MA
6.3V 2A. 5V 2A.
4 1/2 x 3 1/2 x 4: 8 LBS.
URC#EK211-PAL18 \$8.95

PRI: 115V. 50-1600 HZ.
810VCT 125MA/570VCT 75MA.
2/5V 2A/6.3V 3.25A/2/6.3.65
4 1/2 x 5 1/2 x 4: 18 LBS.
C-1367048 \$8.95

PRI: 115V60CY
SEC: 375.5V
5V
@.016A
7.1V @ 1.15A
2x3x2: 1LB
229619-62 \$2.95

**CONSTANT VOLTAGE
TRANSFORMER**
SOLA #211134 WITH
CAPACITOR. REGUL-
ATES VOLTAGE AUTO-
MATICALLY AND IN-
STANTANEOUSLY.
PRI: 95-130V 60CYC
SEC: 6.3 V 2.38 A
5 1/2 x 3 1/2 x 2 1/2: WT: 8LBS.
#5950-581-5333
UNUSED \$9.95

PRI: 115 V 60 HZ
SEC: 24VAC 2.2 A.
3x2 1/2 x 2 1/2: 4 LBS.
#BE 8445 \$2.50

PLUG-IN TRANSFORM
PRI: 115V 60HZ
SEC: 24V 20VA
2 1/2 x 2 1/2 x 2: 2 LB.
#FR-24960 \$1.25

AUTO-TRANSFORMER 0-107-115-122-210-230
 -250 v. 60HZ 1.5KVA
 W/ON-OFF SW. 3 SLO
 BLO FUSES & INDICATORS
 5x13x7 1/2; 40LB. KS2833 \$15.

PRI: 115V 60HZ. SEC: 400 v. 2.5A AC., SIZE: 6x6x5; 30LB
 TE-7446 \$15.00

PRI: 115V 60HZ. SEC: 500 v. 2.0A AC., SIZE: 6x6x5; 30LBS
 TE-6813 \$17.00

10 AMP CHOKE

CHOKE INDUCTOR
 30 MH 3 A. 18 OHMS, 5MH 10 A .075 OHMS.
 5 1/2 x 6 1/2 x 4 1/2; 22LB
 SCHOTT #33310 \$8.00

DUAL 2.5V

25 HY 35 MA DO 1070 MV
 2x3x2; 2LBS
 GE #7415231 \$7.99

5-.25 HY & 2-.6 ADC
 70HMS MAX DC 535V WVM
 2 1/2 x 3 1/2 x 2 1/2
 4 LBS.
 GE #T35Y283 \$1.25

DUAL CHOKE

11 HY 100 MA 200 OHMS
 4x4x5 1/2; WT 8 #30557F-1 \$1.75

11 HY 500MA 1350 VAC @ 120CY
 7x6x9 1/2; WT. 42 L
 ITC NO. DC-6281
 PRICE: \$8.95

DAVIS DIMMER AUTO TRANSFORMER
 230 VOLT 60 CYCLE 1 PHASE WITH 5 48 VOLT CIRCUITS THAT CAN BE VARIED 0-48 V. MAX. 20 A. TOTAL.
 SIZE: 10x10x7; SHPG. WT: 90 LBS #GR-3 \$19.95

MULTI-VOLTAGE ISOLATION TRANS.
 PRI: 73/88/95/105/115/125/190/210/230/250. 50/60 CY
 SEC: 17.6/35.2/189/193/196/200/203 @ 1.6 AMP.
 9 1/2 x 4 1/2 x 7 1/2; 40 LBS.
 Z29619-6 \$14.95

TRANSFORMER WITH METER 0-100 AC AMPS.
 PRI: 115 VAC 60CY SEC: 10/14/19/24 W/ON-OFF SW. AND FUSED LINE. 140 LB
 SIZE: 16x8x15 1/2; 5950-537-4950
 PRICE: \$39.50

PRI: 115 v. 60 CYC SEC: 150v. 550 MA 150v. 2.0 AMP 5.0v 5.0 " 6 1/2 x 6 1/2 x 4 1/2; 28 LBS.
 5950-537-4950 \$6.95
 5950-481-3482 \$6.95

PRI: 115 VOLT 50/60 HZ SEC: 230 v 2.2 A. 4ADC HALF WAVE. SIZE: 6x5x7 1/2; 35 LBS. FGC-29/7F1A03YY \$12

PRI: 0/116/120/124v. 60CY. SEC: 126v. 1.1A. 114v. 1.0A. TF4R01YY
 8 1/2 x 5 1/2 x 4 1/2; .27 LBS. K95-1476 \$7.95

30 HY 70 MA 550 OHM
 2 1/2 x 2 1/2 x 3 1/2; 1LB #3C325-6 \$1.25

PRIMARY 115 v 60 HZ SECONDARY 2.5 VCT 10A 2.5 " " 2400 v. TEST 3 1/2 x 3 1/2 x 4 1/2; 6LB #29987-3 \$4.95

10 HYS 500 MA 45 OHM DC RES 500 WORK VOLTS #5950-646-1383 \$5.95

14 HY 125MA 275 OHMS. 2 1/2 x 3 1/2 x 5 1/2; 308-708-060 \$1.25

PRI: 115/230V 50/60 CYC SEC: 444VCT 97 MA. 6.5VCT 3.2 A. 12.4V 390 MA. 4x4x3 1/2; 8 LBS. 5950-376-9600 \$3.95

PRI: 115/230V 50/60 CYC SEC: 444VCT 97 MA. 6.5VCT 3.2 A. 12.4V 390 MA. 4x4x3 1/2; 8 LBS. 5950-376-9600 \$3.95

PRI: 115 v. 60 CYC SEC: 8.5 v. 54 AMF OR 7.5 v. 48 " OR 7.5 v. 32 " SIZE: 6x7x9; 50 LBS #3340-296-879 \$14.95

PRI: 117.5v 60CYC SEC: 525VCT 125 MA. 6.3v 6.3 A. 5.0v 2.0 A. 4x5x5; 15 LBS. JEFFERSOND-12A64E \$4.95

CHOKES

8 HY 100 MA 160 OHM 2 1/2 x 3 1/2 x 2 1/2; 3 LB. #TR-1u24 \$1.50

10 HY 0-1 AMP DC @ 10v. 60 HZ, 268 OHMS. 2 1/2 x 3 1/2 x 2 1/2; 4 LB #6467 \$1.75

7.5 HY 165 MA. 200 OHMS. 2 1/2 x 4 x 2 1/2; 3 LBS #8617 \$2.50

12 HY 210 MA 50 OHM; 5x6x4 1/2; 14 LBS. #3C316-33 \$2.50

140 HY @ 5v. 60 HZ; 10 MA DC 2700 OHMS. 2 1/2 x 2 1/2 x 3 1/2; 3 LBS. #HA-81-C \$2.95

1.5 HY 1.5 AMP 5000 v. TEST 8 1/2 x 8 1/2 x 6 1/2; SHPG. WT: 60 LB 5950-159-6041 \$14.95

10 HY 150MA 210 OHMS. WT. 4 1/2 LBS. SIZE: 2 1/2 x 5 x 2 1/2 #217366-1 \$1.75

10 HY 150MA 210 OHMS. WT. 4 1/2 LBS. SIZE: 2 1/2 x 5 x 2 1/2 #217366-1 \$1.75

17 HY 80 MA 300 OHM 2 1/2 x 2 1/2 x 3 WT. 2 #3C326-31B \$1.25

PRI: 115/230V 50/60 CYC SEC: 444VCT 97 MA. 6.5VCT 3.2 A. 12.4V 390 MA. 4x4x3 1/2; 8 LBS. 5950-376-9600 \$3.95

PRI: 120 v. 60 CYCLE SEC: 5.4v/2.7v @15A 5vct @15A WITH INSULATOR & TUBE SOCKET C6 5x5x7. 15 #5950-553-5572 \$14.95

PRI: 120 v. 60 CYC SEC: 2.65v 3.5 A 2.65v 3.5 A 6.3v 3.5 A SIZE: 3 1/2 x 5 x 3 1/2; 8LB #BNJT-166 \$2.50

VARIABLE TRANSFORMERS

POWERSTAT B57515 120V IN, 0-140V. OUT 20A. 60HZ. EXT ENSION FOR KNOB REQ. \$40

POWERSTAT 116/0 0-135v OUT 7A. 60HZ. W/KNOB USE \$20

POWERSTAT TYPE 108 115 VOL 60 HZ 0-132 2.25 AMP \$14.95

STACO 300BU 120 v 50/60 HZ 0-140 v. 3 AMP. \$17.95

VARICK TYPE 200B 115 v. 60 HZ. 1 AMP. \$10.95

POWERSTAT TYPE 21 120 v. 50/60 HZ. 0-140 v. 4.5 AMP \$21.95

BENDIX CHOKES
 12 HY 400 MADC 100 OHM 5x6x4 1/2; 20 LBS #L217434-1 \$7

8 HY 300 MA RES. 90 OHM WT: 7 1/2 LBS. 3x4 1/2 x 4 1/2; 3340-310-190 \$5.95

5 HY @ 400 MADC 60 OHMS. 4x5 1/2 x 4; 12 LBS #L217432-1 \$5

CHOKES LOW VOLTAGE HY UNKNOWN

LEEP6580 3 AMP. \$1.95
 LEEP6433 9 AMP. \$3.95
 SIZE: 2 1/2 x 3 x 2 1/2; 3 LBS.

6.3 HY @ 6.24A. 51 OHM; 3 1/2 x 3 1/2 #814-2421 \$3.95

10 HY 415 MA RES. 60 OHMS TEST V 1800 SIZE 4x5x3 1/2; WT: 12 LBS. 5950-645-9675 \$4.95

REACTOR FILTER CHOKE
 INDUCTANCE 3 HY. RES. 30 OHM, 350 MA DC 2000 v. PK. SIZE: 3 1/2 x 4 1/2 x 2 1/2; WT: 6 LBS. L-225/PP-115 \$2.50

PRI: 117V 30-60CYC SEC: 3/5V CT @ 2A 2/5V CT @ 2A 2/2.5V @ 10A 7x4x3 1/2; WT. 12 LB GILFILLAN #54148-1 PRICE: \$5.95

PRI: 220/230/240V 50-60 CYC SEC: 2.5v CT @ 10A 5 1/2 x 3 1/2 x 3 1/2; WT. 6LBS 5950-648-4773 PRICE: \$2.95

PRI: 120V 50-60 CYC 37 VA SEC: 5VCT @ 2A 6.3V @ 1A 5VCT @ 4A 3x3 1/2 x 5; WT. 7 LB BENDIX #L217336-1 PRICE: \$3.95

POWERSTAT VARIABLE TRANSFORMER: INPUT 115/230V 50/60 CY OUTPUT: 30V @ 25A /15-0-15 35 AMPS. MAX. KVA. 0.75 SIZE: 7x8x5 SHAFT 1/2 x 1; WT: 25 LBS. POWERSTAT #LW136U USED \$35

SUPERIOR S-649 230 v. 60 HZ 3 PHASE, 9 AMP. \$75.00

VARICK V5H 0-270 , 2 AMP 50/60 HZ. \$18.95

SUPERIOR 3UK3Y 0-240 v. 3 PHASE 400 HZ 7.5 AMP. \$25.00

GR TYPE M-5/MS11-2, 115v. 400 HZ. OUTPUT 0-135v. 7.5 AMPS, 0.862 KVA. #5950-683 7486, 1-PHASE. NEW \$12.95

POWERSTAT, 115v. 400/800HZ OUTPUT: 0-130V 7.5 AMPS, 0.975 KVA. #5950-518-2508, NEW \$13.95

CHOKE .078 HY 0.6 AMP. 0.3 OHM. 3x4 1/2 x 3 1/2; 5 LB 586-0761 \$2

CHOKE 5 HY. 60 MA. 200 OHMS DC 4 OZ. 2 1/2 x 1 1/2 x 1 1/2; #8750 \$1.50

5 HY 50 MA RES. 250 OHM 2x2x2 1/2; 1 1/2 LB #3C3672 \$1.75

CHOKE 10 HENRYS @ 200 MA 135 OHMS 2000 VRMS 60 CYC 3 1/2 x 3 1/2 x 5; WT. 9LB BENDIX #L217380-1 PRICE: \$3.95

10 HY 150 MA RES. 100 OHM TEST 3000 V. SIZE: 3 1/2 x 3 1/2 x 4 1/2; WT: 7 LBS. 3C323-6220 \$1.95

PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4 1/2 x 5 1/2 x 7; 18 LBS. #5950-645-3891 \$6.95

PRI: 120V 50-60 CYC 37 VA SEC: 5VCT @ 2A 6.3V @ 1A 5VCT @ 4A 3x3 1/2 x 5; WT. 7 LB BENDIX #L217336-1 PRICE: \$3.95

POWERSTAT VARIABLE TRANSFORMER: INPUT 115/230V 50/60 CY OUTPUT: 30V @ 25A /15-0-15 35 AMPS. MAX. KVA. 0.75 SIZE: 7x8x5 SHAFT 1/2 x 1; WT: 25 LBS. POWERSTAT #LW136U USED \$35

POWERSTAT, 115v. 400/800HZ OUTPUT: 0-130V 7.5 AMPS, 0.975 KVA. #5950-518-2508, NEW \$13.95

MOTOR DRIVEN POWERSTAT 1126-1013, 115v. 50/60 HZ. SINGLE PHASE. OUTPUT: 0-135v. 15 AMP, 2 KVA. NEW \$65.00

10,000 VOLT
 AMP P/N 845321-3
 PRI: 115v 60HZ. SEC: 10,000VAC/100MA 5x5x4; 10LBS. \$20

SCOPE XFORMERS

PRI: 115/230 v. 40-60 HZ SEC: 700VCT 12MA/800V 1 MA. 6.3V @ 1.5A/2.5V @ 1.5A/2.5V @ 2A/5VCT @ 2A. SIZE: 3x4 1/2 x 4; 10 LBS. #279619-92 \$4.95

PRI: 118 VAC 60 HZ SEC: 6.3 v. 5 AMP 8214 WV. SIZE: 5x3 1/2 x 3; WT: 7 LBS. #5950-059-2414 \$6.95

PRI: 120 VAC 60 HZ SEC: 6.3 v. .7 A. 535 WV. 2/6.3v. .6 A. OPPOSED; 350 WV TO SEC3, 3800 WV TO GROUND 180 FW BRIDGE 50 MA, INSULATED FOR 3800 WV SIZE: 3 1/2 x 3 1/2 x 5; WT: 8 LBS. #HA-123-P \$6.95

3.5 HY 500 MA 100 v. 60 CYC 30 OHMS 715VW 4x5 1/2 x 3 1/2; 10 LBS TFI A04KA/A8649 \$2.95

11 HY 120 MA 3 1/2 x 3 1/2 x 3 1/2; 6LBS. #13639-S \$1.95

FILTERS ANTIQUE

MIGNON REGAL TONE FILTER HIGH PASS 40 HZ APPROX. 600 OHM INPUT W/0.8 MFD CAP. TO 600 OHM SPEAKER. 6 OZ. SIZE: 2 1/2 x 3 1/2 x 3 1/2; AGE WORN \$2.95

SONGBIRD TONE FILTER; LOW PASS, OUTPUT DECREASING ABOVE 1000 HZ., INPUT RESIS DC 1400 OHM, OUTPUT RESISTANCE: 2x3x3 1/2; 6 OZ. \$2.95

POWERSTAT VARIABLE TRANSFORMER: INPUT 115/230V 50/60 CY OUTPUT: 30V @ 25A /15-0-15 35 AMPS. MAX. KVA. 0.75 SIZE: 7x8x5 SHAFT 1/2 x 1; WT: 25 LBS. POWERSTAT #LW136U USED \$35

POWERSTAT, 115v. 400/800HZ OUTPUT: 0-130V 7.5 AMPS, 0.975 KVA. #5950-518-2508, NEW \$13.95

MOTOR DRIVEN POWERSTAT 1126-1013, 115v. 50/60 HZ. SINGLE PHASE. OUTPUT: 0-135v. 15 AMP, 2 KVA. NEW \$65.00

5.0 HY AT 10 60 CYC 400 M RES: 50 OHM SIZE: 6x4 1/2 x 4; WT. 13 LBS. #3521746 \$7.00

10 HY 225MA 85 OHM 3 1/2 x 3 1/2 x 5; WT. 11 LBS. #TF1RX04YY \$3.95

BAND PASS FILTER 27.8 TO 30.8 KC.. OPER. FREQ. 29.3 KC, INPUT IMP. 200 K OHMS OUTPUT 100 K OHMS. 274376.28 4 1/2 x 5 1/2 x 3 1/2; 3LBS. \$2.95

POWERSTAT VARIABLE TRANSFORMER: INPUT 115/230V 50/60 CY OUTPUT: 30V @ 25A /15-0-15 35 AMPS. MAX. KVA. 0.75 SIZE: 7x8x5 SHAFT 1/2 x 1; WT: 25 LBS. POWERSTAT #LW136U USED \$35

VARIABLE LOW VOLTAGE INPUT
 PRI: 12v. 60 HZ. SEC: 0-3.5 v. 2 A. NO. 5-1066 \$2.95

INPUT: 30V 400HZ OUTPUT: 0-30v. 5A. MKS15133LOL \$2.95

POWERSTAT VARIABLE TRANSFORMER: INPUT 115/230V 50/60 CY OUTPUT: 30V @ 25A /15-0-15 35 AMPS. MAX. KVA. 0.75 SIZE: 7x8x5 SHAFT 1/2 x 1; WT: 25 LBS. POWERSTAT #LW136U USED \$35

POWERSTAT, 115v. 400/800HZ OUTPUT: 0-130V 7.5 AMPS, 0.975 KVA. #5950-518-2508, NEW \$13.95

MOTOR DRIVEN POWERSTAT 1126-1013, 115v. 50/60 HZ. SINGLE PHASE. OUTPUT: 0-135v. 15 AMP, 2 KVA. NEW \$65.00

ANTENNAS

MP-22 MAST SECTION MOUNTING BASE WITH SWIVEL THAT WILL TIP TO 90 DEGREES, RIGHT OR LEFT AND WILL LOCK IN THE VERTICAL POSITION. WILL TAKE MS-53 OR MS-54 MASTS AS THE STARTING SECTION. MOUNTING PLATE SIZE: 5x6 HEIGHT OF BASE 10". WT: 10 LBS. \$4.95

MP-22A SAME AS ABOVE EXCEPT THE STARTING SECTION IS MS-51 AND YOU CAN ADD MS-50 & MS-49. \$4.75

MAST SECTIONS (SHOWN TO LEFT) 3 FT. TUBULAR STEEL COPPER COATED AND PAINTED. SECTIONS SCREW TOGETHER TO MAKE DESIRED LENGTH W/MS-49 AS TOP, THEN MS-50, 51, 52 & 53. MS-53 CAN BE SCREWED INTO EACH OTHER TO MAKE ADDITIONAL LENGTH. THEN SINGLE MS-54 & MS-55 & MS-56. MS-56 DOES NOT HAVE THREADS AT BOTTOM. SELF SUPPORT TO ONLY ABOUT 15 FT. ALL SECTIONS ARE IN GOOD USEABLE CONDITION AND MAY NEED PAINT

MS-49, MS-50, MS-51, MS-52, MS-53, MS-54, MS-55, MS-56

MS-49, MS-50, MS-51, MS-52 EACH SEC. \$.50
MS-55, MS-56 " " \$ 1.00

SECTIONS TAPER 5/8 TO 3/16, AV. WT: 2 LB. BG-56 CANVAS BAG, 5 COMPARTMENTS FOR 10 OR MORE SECTIONS. \$3.00



ADAPTER BASE WITH INSULATOR, MAST SECTIONS MS-52 OR MS-53 WILL SCREW INTO THE TOP, AND ADAPTER BOTTOM WILL SCREW INTO MS-52 OR MS-53. CAN BE USED TO ISOLATE SECTIONS OF WHIP OR DIPOLE

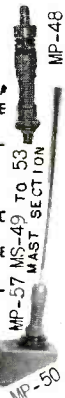
SIZE: 1 1/2 x 8; 1 1/2 LB. NT-66023 \$1.95

AN-45 ANTENNA; MONEL, 8' EXTENDED, 17 1/2" COLLAPSED TAKES 5/16" 8TH STD. SHOWN MOUNTED ON TM-206 ANT. TERM. BX. INSULATED PROVISION FOR WIRE TERM OR PL-259. SIZE 3x4x1 1/2. AN-45 \$2.95 TM-206 \$3.

MP-48 MAST BASE WITH COIL SPRING FOR USE W/MS-49 TO 54 MAST SEC. LISTED TO LEFT. HEAVY DUTY 16"x3" DIA REQ. 2 1/2" HOLE MTG. HOLE (C MP-50 BELOW) \$10

MP-57 MAST BASE WITH COIL SPRING & LARGE INS. FOR USE W/MS-49 TO 54 MAST SEC. LISTED TO LEFT, 1 1/2"x4 1/2" INSULATOR, REQ. 2 1/2" HOLE MTG. (C-MP-50) \$10

MP-50 BRACKET; MAST BASE USE MP-48, MP-57 AB-15 ETC TWO SIDED MTG. FOR MAST BASES SIZE 5x5x8; 5 LBS \$5



MP-73 GROUND PLANE MOUNTING BASE DESIGNED TO BE USED WITH MAST SECTIONS AB-21, 22, MS-116, 117 THAT SCREW TOGETHER TO MAKE DESIRED LENGTH FOR FREQ. REQUIRED. HAS SO-239 COAX. RECEPTACLE AND PROVISIONS FOR MOUNTING TO POLE TREE OR CORNER OF BUILDING. THE MOUNTING HOLES FOR THE VERTICAL ANT. AND THE RADIALS ARE 5/16" DIAMETER. SIZE: 10x15x6; WT: 10 LBS. PRICE: NEW \$9.95

AB-21, 22 OR MS-116, 117 MAST SECTIONS ARE AVAILABLE NOW! MP-5 MAST SECTION SHOWN ELSE WHERE ON THIS PAGE WILL FIT BUT WILL HAVE TO BE FASTENED IN WITH BOLTS AND NUTS TO MAKE A GOOD CONNECTION. THE SAME GOES FOR AN-109 WHIP ANT.

AN-109 WHIP ANTENNA 5 FT. TAPERED 1/4 TO 1/8 W/3" SQ. BASE. \$1.50 EA. 4 FOR \$5.

AN-119 WHIP ANTENNA 6 FT. TAPERED 1/2 TO 1/8 THREAD 1/2"x20 \$1.50 EA. 4 FOR \$5.

AN-130 WHIP GOOSENECK 30" SCREW BASE FITS BC-1000, PRC ETC. \$1.50 EA. 4 FOR \$5.

AT-272 GOOSENECK BASE 8" USED WITH FLAT ANT. ON PRC SETS. \$1.50 EA.

AT-272 FLAT ANTENNA 30" USED WITH ABOVE BASE FOR PRC SETS. \$1.50 EA.

MP-74 GOOSENECK BASE FOR MAST SECTION AR-23 OR MS-118, 14" LG. WITH SPADE TYPE BRACKET FOR SIDE MOUNTING. \$1.50 4/\$5.

M-422 ADAPTER FOR USING MS-116-117-118 OR AB-21-22-23-24 MAST SECTIONS WITH BC-1000 & PRC SERIES SETS IN THE LONG ANT ENNA RECEPTACLE, 7 1/2" LG. \$1.50 EA 4/\$5.

FIBERGLASS WHIP ANT. 82" LG. FOR 27 TO 39 MHZ 1" SC. BOTTOM. (NOT MAILABLE) #9735 \$5.00

UPM-1 DIPOLE ANTENNA FOR USE IN THE 155 TO 235 AND 460-570 MHZ BANDS. BASE STANDS 21" HIGH FOR FLAT MOUNTING ALSO HAS ADJUSTABLE BRACKET FOR POLE MOUNTING.

AT-50 FOR USE IN LOW BAND \$14.95

AT-51 FOR USE IN HIGH BAND \$14.95

AT-598 ANTENNA TAPERED 30" LG. WITH CAST BASE AND COAX. RECEPTACLE FOR UG-100 A/U CONNECTOR. \$1.50 EA. 4/\$5.00

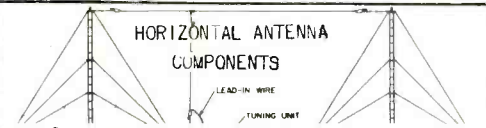
MATCHING COAXIAL LINE WITH 2/UG-100A ON 14" OF RG-14 \$3.00

AN-20T ANTENNA TELESCOPING 20" EXTENDED, 8 1/2" COLLAPSED, CHROME. 50¢ EA. 5/\$2.00

GOI-51048 TELESCOPING WHIP ANTENNA, 15" COLLAPSED 7' EXTENDED. \$1.50 4/\$5.

A-62 DUMMY LOAD FOR ANTENNA; USED TO LOAD TRANSMITTERS UP TO 30 WATTS WITHOUT RADIATING FOR USE IN THE FREQUENCY RANGE 21 TO 27.9 MHZ. USED WITH BC-604. SIZE: 3x6; 5 LBS. WITH MTG. BRACKET & INSTRUCTIONS. NEW \$4.95

AT-880 DIPOLE ANTENNA WITH CORNER REFLECTORS, FREQUENCY APPROX. 200 TO 300 MHZ. DIPOLE HAS ADJUSTABLE ELEMENTS WHICH EXTEND SPREAD FROM 12" X 7" W TO 21" X 15" W. DIPOLE STANDS 14" OFF MTG. BASE. TWO REFLECTORS ARE AT 45° ANGLE TO DIPOLE, 32" HIGH AND 40" ACROSS. FOLDS TO 32x7x30. MOUNTS ONTO 2" DIA. MAST. ALUMINUM. SHPG. WT: 35 LBS. PRICE: UNUSED, \$25.00



AB-101 MAST SECTIONS FOR ANTENNA SUPPORT. STEEL MAST 2" OD. 5 1/8" LG. SWAGED END AND LOCKING DEVICE. SOLD ONLY IN SET OF SEVEN WITH CARRY. WEIGHT 100 LBS. PRICE USED \$50.00

MX-384 INSULATOR FITS OVER JUNCTION OF MS-44 M.S. ABOVE. 3 LBS. \$2.95

AB-154 BASE WITH SWIVEL STAKE THAT MAST SEC. MS-44 OR MX-384 INS. SLIPS INTO. \$1.95

MX-857 ADAPTER FITS TOP OF MS-44 SO THAT MS-116-117-118 WHIPS CAN BE USED \$1.95

MX-GUY ROPES ARE 3/16" NYLON, 800 LB. TEST, W/ADJUSTMENT HARD. INSULATOR & HOOK. \$1.00

MX-382 GUY 31 FT. WITH ATTACHMENTS \$1.00

MX-381 " 40 " " " \$1.25

MX-383 " 50 " " " \$1.50

MX-378 GUY RING FOR FASTENING GUYS AND IS USED BETWEEN THE MAST SECTIONS. \$0.50

GRA-4 STAKE FOR GUYS, STEEL 18" 1 1/2x1 1/2 ANGLE WITH FASTENER. 2 LBS. \$.75

VLF LOOP ANTENNA

AT-382 LOOP ANTENNA FOR USE WITH RECEIVERS IN THE 190-1500 KHZ RANGE, 9" LOOP (19 UH) PROVIDES FOR AURAL DIRECTION FINDING, ANTI-STATIC RECEPTION AND SENSITIVITY. REQ. SMALL SPLINE FLEX. SHAFT & CONTROL BOX FOR REMOTE TUNING & UG-88 FOR ANT. CONN. 14x9x4; 10 LB. UNUSED \$6.95



AS-125/APR ANTENNA FOR USE WITH RECEIVERS IN THE 1000 TO 6000 MHZ RANGE. HAS 6" MOUNTING RING WITH HARDWARE AND UG-22 COAXIAL RECEPTACLE. SIZE: 6x8; 4 LBS. NEW \$4.95

UG-21 COAX. CONN. TO FIT 50¢ AS-69/APT ANTENNA FOR 535 TO 700 MHZ. RANGE. HAS 2 CROSS DIPOLES BENT DOWN FOR 1/4 WAVE TRANS. AND PHASING. SIZE: 9 1/2x8; WT: 8 LB. TAKES UG-21 \$7.95

MICROWAVE ANTENNA & 20' MAST FOR USE IN THE 4400-5000 MC BAND. PARABOLIC REFLECTOR MADE IN SECTIONS OF ALUMINUM SCREEN IMPREGNATED WITH FIBERGLASS, THE DUPLEXING HORN RECEIVES & TRANSMITS SIMULTANEOUSLY. THE AZIMUTH AND ELEVATION CAN BE ADJUSTED BY THE GEAR DRIVE MECHANISM. THE 20' ALUMINUM MAST IS SECTIONALIZED AND COMES W/ ALUMINUM CASE WITH NECESSARY BRACKETS, GUYS AND ANT. LEAD WIRE TO MAKE A PORTABLE SYSTEM. QA-1378 GROUP. CASE SIZE 27x17x9.75 LBS.

PRICE: \$50

AT-271/PRC WHIP ANTENNA, 7 SEC. 8 1/2 FT. THRU-OUT TYPE. USED \$4.95

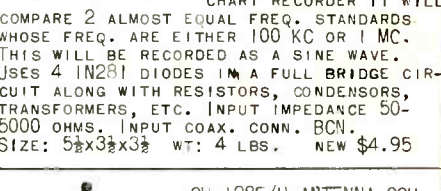
LM-21AM LOOP ANTENNA FOR ARN-7 COMPASS SYSTEM 200 TO 1500 KC USED \$25

AS-578/ARA ANTENNA FOR ARC-27, 34, 55 DIRECTION FINDER USED \$25.

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS THAT TUNES FROM 200 TO 1750 KC, OPERATES FROM 26 VOLT 400 CYCLE SIZE: 10x11x5; WT: 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95

COMPARATOR

QM-167/U SIGNAL COMPARATOR MIXES TWO FREQUENCIES AND DELIVERS AN OUTPUT PROPORTIONATE TO THE DIFFERENCE OF THE TWO SIGNALS. WHEN USED WITH A STRIP CHART RECORDER IT WILL COMPARE 2 ALMOST EQUAL FREQ. STANDARDS WHOSE FREQ. ARE EITHER 100 KC OR 1 MC. THIS WILL BE RECORDED AS A SINE WAVE. USES 4 IN281 DIODES IN A FULL BRIDGE CIRCUIT ALONG WITH RESISTORS, CONDENSORS, TRANSFORMERS, ETC. INPUT IMPEDANCE 50-5000 OHMS. INPUT COAX. CONN. BCN. SIZE: 5 1/2x3 1/2x3 1/2; WT: 4 LBS. NEW \$4.95



CU-128F/U ANTENNA COUPLING UNIT, DESIGNED TO PROVIDE EFFICIENT SIGNAL TRANSFER BETWEEN ANTENNA TRANSMISSION LINES OF DIFFERENT IMPEDANCE, FREQ. RANGE 4 TO 20 MHZ. INPUT IMPEDANCE 200/250/700 OHMS OUTPUT 70 OHM WATERPROOF METAL BOX WITH MTS. & MANUAL. SIZE: 8x4x7 1/2; SHPG. 15 LBS. NEW \$4.95

AS-554/TRC-29 ANTENNA 8 FT. PARABOLOID WITH MESH REFLECTING SURFACE, AND HORN FEED. ANTENNA IS SHIPPED IN 2 CARRIERS, 2 SECTION IN EA. AND HORN SEPARATELY. ALUMINUM CONSTRUCTION, SHIPPING WEIGHT 500 LBS. CG-1013 TRANSMISSION LINE LISTED ELSEWHERE ON THIS PAGE. PRICE: \$250.00

ANTENNA WIRE PHOSPHOR BRONZE #16, 20 FT W/2 SNAPS & SLIDE. ADJ. AN-22 \$1.00 EA.



AB-15 BASE FOR WHIP ANTENNA SECTIONS MS-116-117 118 ALSO AB-21-22-23-24. SPRING ACTION WITH INSULATOR 3 1/2x3" AND COAXIAL CONNECTOR FOR USE WITH PL-259, REQUIRES 2" HOLE FOR MOUNTING. SIZE 15 x 3 WT: 2 LBS. \$4.95

WHIP ANTENNA MAST SECTIONS FOR USE WITH AB-15 MAST BASE

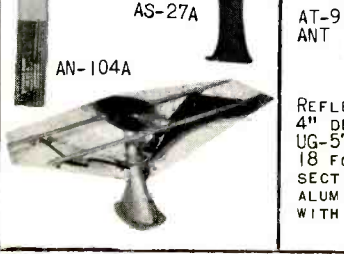
MS-116 LARGEST SECTION 39 3/4" LG. DIA. .393 ONE OR MORE CAN BE USED. MS-117 & 118 FOR TAPER 39 3/4" LG. \$1.50 PER. SEC.

AB-243/G SIDE MTG. FOR AB-15 BASE, WITH 2" MTG. HOLE. SIZE: 10 1/2x7x4 1/2; WT: 8 LB \$4.95

AS-27A/ARN-5 HORIZONTAL FOLDED DIPOLE AS USED WITH RC-103, BC-733, ARN-5 EQUIP. ON AIRPLANES. 108-110 MC \$9.95

AT-2/APN-2 DIPOLE ANTENNA 150-180 MC 2.95

AN-104A STUB ANTENNA F/SCR-522 100-156 MC 1.95

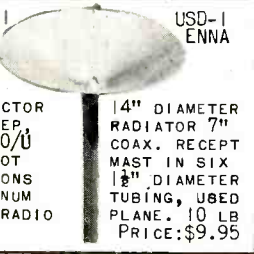


CG-1013 TRANSMISSION LINE LAUNCHING UNIT WITH HEATING ELEMENT INSIDE. ALUMINUM W/ CONICAL FIBER GLASS SHIELD OVER ELE. COAXIAL CONN. FOR UG-100 PLUG, 33" LG. 8" DIA. 10 LBS. \$5

RG-14A/U COAXIAL CABLE 51 OHM #10 W/UG-100 & UG-707 10' \$7.50 15' \$10

SOLID COPPER #10 VINYL COVERED ANTENNA WIRE 250 FT. ZMI-4884C \$25

REFLECTOR 4" DEEP UG-570/U 18 FOOT SECTIONS ALUMINUM WITH RADIO 14" DIAMETER RADIATOR 7" COAX. RECEPT MAST IN SIX 1 1/2" DIAMETER TUBING, USED PLANE. 10 LB PRICE: \$9.95



CABLES

NEW COAXIAL CABLE

NEW MANUFACTURE AND BRANDED WITH STANDARD TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-BETWEEN LENGTHS USE THE HIGHER PRICE. LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

COAX.	OHMS	100 FEET	500 FEET	1000 FEET	5000 FEET
RG-8/U	52	.18	.16	.16	.15
RG-11/U	75	.16	.14	.14	.14
RG-58/U	53.5	.08	.06	.05	.04
RG-59/U	73	.08	.06	.05	.04
RG-62/U	93	.08	.06	.06	.06

NEW COAXIAL CONNECTORS

SO-239	PL-259	M-359	PL-258 JUNCTION
59¢ EA.	59¢ EA.	69¢ EA.	\$1.25 EA.
10 OR MORE	55¢ EA.	60¢ EA.	\$1.10 EA.

COAX CONNECTORS

UG-18	NEW	\$1.00	UG-710	NEW	\$3.00
UG-21	USED	.75	UG-909	NEW	1.00
UG-21	NEW	1.25	UG-911	NEW	1.25
UG-22	USED	.75	UG-913	NEW	2.00
UG-27	USED	1.25	UG-914	NEW	1.00
UG-27	NEW	2.00	UG-924	NEW	3.00
UG-29	USED	1.00	UG-940	NEW	2.00
UG-29	NEW	1.50	UG-943	NEW	3.00
UG-30	NEW	1.50	UG-968	NEW	4.00
UG-36	NEW	6.00	UG-971	NEW	4.00
			UG-997	NEW	4.00
UG-88	USED	.39	UG-1090	USED	1.50
UG-100	USED	.75	UG-1185	NEW	2.00
UG-100/PANEL	"	.75	UG-629	NEW	2.50
UG-109	USED	1.00	UG-1213	NEW	2.00
UG/DA-113	NEW	5.00	2176	NEW	3.00
UG-160	USED	1.50	C2365-3	NEW	1.50
UG-180	USED	3.00	3649-1	NEW	1.50
UG-181	USED	3.00	6006	NEW	1.00
UG-201	NEW	2.00	6137	NEW	1.50
UG-212	NEW	3.00	6177	NEW	1.50
UG-255	USED	1.50	6955	NEW	1.50
UG-260	NEW	.75	8270-1	NEW	3.00
UG-261	NEW	1.00	8842	USED	1.00
UG-273	NEW	1.50	8576	USED	1.00
UG-274	NEW	2.00	9113	NEW	1.50
UG-282	USED	1.25	9192	NEW	1.50
UG-282	NEW	2.00	9196	NEW	4.00
UG-290	USED	.50	9192	USED	1.50
UG-291	NEW	1.00	10442	NEW	1.50
UG-306	USED	2.00	10651	NEW	1.50
			15601	NEW	1.50
UG-491	NEW	2.00	30231-1	NEW	1.50
UG-535	USED	1.25	30232-1	NEW	1.50
UG-536	NEW	2.00	95712-30369	"	2.00
UG-560	NEW	2.00	18-30-1AS3	"	3.00
UG-573	NEW	2.00	88-877-1050	"	1.50
UG-603	NEW	2.00	10H528	NEW	1.00
UG-636	NEW	2.00	10H702	NEW	1.00
UG-701	NEW	2.50	10H1366	NEW	1.00



COAXIAL CABLE ASSY. REMOVED FROM TEST SETS AND EQUIPMENT. ALL GUARANTEED TO BE USEABLE.

RG-8/U 52 OHM COAX. RG-21 53 OHMS, UG-630 USED (USEABLE) 8¢ FT. TO UG-626 37¢ \$3.50

RG-55/U 53.5 OHMS .216 OD. 250 FT. W/UG-88 CONN. EA. END. ON TEST SPOOL, 12 LB. \$12.00

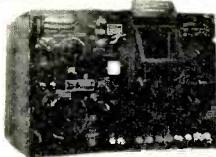
RG-26/U 48 OHM 30 FT. W/2-UG-34 CONN. \$4.95
RG-22/U 95 OHM 50 FT. NO CONNECTORS \$3.00

WIRE

AIRCRAFT TYPE WIRE, NYLON INSULATION, BRAID COVERING, 600V. 200 SILVER COATED WIRE/SHIELD

#22 STRANDED 100 FEET \$4.50 1000 FEET \$35.00
2/22 " " " 6.00 1000 " \$50.00

#18 16/30 VINYL COVERED HOOK-UP \$2/c \$15/M FT
#20 10/30 " " " 1.75/c 11/M "



TS-239 OSCILLOSCOPE
GENERAL PURPOSE INSTRUMENT FOR TESTING RADAR & COMMUNICATION EQUIPMENT. DISPLAYS A LUMINOUS PLOT OF TIME-VARYING VOLTAGE PULSE OR WAVE ON A 3" CR TUBE. SINE WAVE OF 10 CYC TO 5 MC ARE SERVEABLE.

INPUT IMP. 300M OHMS W/30 MMFD CAP. SIGNAL INPUT SCOPE ONLY .1 TO 100 VOLTS PEAK. OUTPUT TRIGGER PULSE ± 25 V. 4 MICROSEC. DUR FREQ. RANGE 1 CYC TO 3 MC. PULSE DISPLAY .2 TO 5W MISRSEC. INTERNAL SQUARE WAVE 150 CYC PER-SEC. ADJ. .1 TO 1 VOLT. ALSO 75 VOLT SQ. WAVE. SENSITIVITY .1 VOLT PRODUCES STAND. DEFLECTION W/MAX. AMPLIFICATION. CONTROLS & CONN. ON FRONT PANEL. SIX STEP MULTIPLIER EXTENDS RANGE 300 TIMES. SWEEP ADJ. .1 TO 50M MICROSEC. POSITIVE OR NEGATIVE POLARITY. WITH USE OF PROBE INPUT IMP. MAY BE INCREASED TEN TIMES WITH LOSS OF SENS. AND INCREASE IN VOLTSGE TO 450. WITH TUBES 3/6AK5, 2/6AG7, 2/6C4, 8/7F8 1/6AL5, 2/6SN7, 1/VR-105, 2/6X5, 1/5RA & 1/3JP1 SIZE: 21x16x13 1/2. WT: 75 LBS. PRICE: USED REPARABLE \$45.00 CHECKED \$59.50



OS-29/UPM-4A
PRECISION SYNCHROSCOPE EMPLOYING A THREE INCH CATHODE RAY TUBE. THE SWEEP OF THE CRT CAN BE TRIGGER EXTERNALLY

OR INTERNALLY AND CAN BE DELAYED WITH EITHER TRIGGER. THE SWEEP DURATION AND, WHEN INTERNALLY TRIGGERED, THE SWEEP FREQ. CAN BE CONTROLLED. THE INPUT SENSITIVITY OF THE VIDEO AMPLIFIER CAN BE VARIED IN SIX STEPS FROM 0.2-20 VOLTS PER INCH OF VERTICAL DEFLECTION. THE UNIT CONTAINS HIGH VOLTAGE POWER SUPPLY, BUT REQUIRES THE FOLLOWING VOLTAGES FOR OPERATION 300V., -27V., 425, 105V. NORMALLY SUPPLIED BY POWER SUPPLY PP-802/UPM-4A, NOT AVAILABLE. SIZE: 22x19x10. WT: 50 LBS. RENEW- \$34.95.....USED- \$22.95

BC-306 ANTENNA TUNING UNIT 150-800 KH W/VARIOMETER TAPPED COIL SW VERNEIR DIAL ETC. P/O BC-375 TRANS. SIZE: 18x9x9 1/2. LBS. NEW \$5.95

WILCOX L-10 PN/42077

VARIABLE INDUCTOR 2 TO 26 MHZ, 14 TURNS 1/2 IN. SILVER PLATED TUBING, 5/8" COIL TAPPED @ TURNS 2, 3, 4, 7, 9, 11, SILVER PLATED RIBBON COND. ARE VAR. THRU. THE COIL. 1/2x4 1/2" SHAFT. SIZE: 13x7x7 1/2; 10 LBS. 5950-092-1126 \$25.00

TRANSCEIVER R.F. TUNER FOR COLLINS 618S-1. THIS SUBASSY. CONTAINS 1ST & 2ND R.F. AMP, 1ST & 2ND REC. MIXER, 1ST & 2ND TRANS. MIXER, I.F. AMP, DISCRIMINATOR, MULTIPLIER AND 2 DRIVER CIRCUITS. WITH TUBES 2/5654, 3/5749, 4/5750 & 2/5686. TUNING IS DONE BY THE SLUGS MOVING IN AND OUT OF THE COILS, FREQ. RANGE 2-25 MC SIZE: 8x7x6 1/2; WT: 10 LBS. #5821-547-5718/618S- PRICE: USED \$14.95



MT-314/MPG-1 INDICATOR TUBE MOUNT FOR 7BP7 C.R. ELECTRIC FOCUSING WITH DIEHL CONTROL MOTOR FPE-25 75 V 60 CYC 2 PH AND A.C. SELSYN 115 V. 60 CYC. TYPE XV #78386, CAST ALUM INUM HOUSING & TUBE SOCKET FOR 7BP7 CATHODE RAY TUBE, FACE 1 1/2" SQ. X 1 1/2" DEEP, WT: 35 LBS. PRICE: LESS 7BP7 C.R. TUBE UNUSED \$14.95 WITH 7BP7 C.R. TUBE " \$24.95

AMPLIFIER CONVERTER



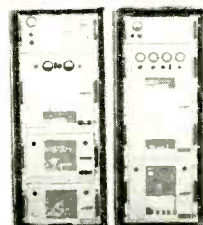
AM-1955/GRC AMPLIFIER CONVERTER COVERS FREQ RANGE 600 TO 1000 MHZ. IF SEEMS TO BE ABOUT 20 MHZ. A 115V 60HZ MOTOR IS PART OF AFC SYSTEM. POWER REQUIRED 150 VDC AND 6.3 VAC. TUBES 2C40A, 2/5842, 5654, IN21B, IN21WE, SIZE 15x9 1/2x8 SHPG WT: 30 LBS. USED EXCELLENT CONDITION \$50.00

PARTS BONNAZA



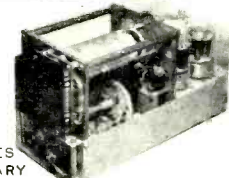
PLUG-IN TUNING UNITS USED WITH BC-191/BC-375 TRANSMITTERS. FOR LIST OF PARTS THAT ARE IN EACH UNIT LOOK IN OUR PREVIOUS CATALOGS OR SEND FOR LIST. SIZE: 17x9x7 1/2. WT. 15 LBS.
TU-7B 4500 KH -6200 KH USED \$4.95 NEW \$5.95
TU-8B 6200 " -7700 " " 4.95 " 5.95
TU-9B 7700 " -10000 " " 4.95 " 5.95
TU-10B 10M " -12500 " " 4.95 " 5.95
BC-306 ANTENNA TUNING UNIT FOR USE IN THE 150-800 KH RANGE. USED \$4.95 NEW \$5.95
NOTE: IF USED UNITS ARE NOT AVAILABLE WE WILL SHIP NEW AT THE NEW PRICE OR VICE VERSA.

TRC-29 MICROWAVE TRANSMITTER-RECEIVER



AN/TRC-29 RADIO RELAY SET. INCLUDES T-303A TRANSMITTER AND R-418A RECEIVER IN THE 1700 TO 2400 MHZ RANGE WITH 27 PRESET CHANNELS; T-389A ORDER-WIRE TRANS. AND R-543A ORDER-WIRE REC. ON A 6 MHZ FM CARRIER FREQUENCY; AND PP-690, -689, & -764 POWER SUPPLIES. TRC-29 IS DESIGNED TO PROVIDE COMMUNICATION TRUNK SERVICE OVER AS MANY AS 20 TANDEM HOPS WITH 30 MILES LINE-OF-SIGHT BETWEEN REPEATER STATIONS. UNIT USED IN PPM, PCM, FREQ. DIVISION MULTIPLEX, TELEVISION, OR SWITCHOVER RELAY SYSTEMS. T-303A EMPLOY A SRL-7 KLYSTRON OSCILLATOR (NOT AVAILABLE) FOLLOWED BY A 2C39A TRIODE 10 WATT AMPLIFIER R-418A HAS A 6BM6 KLYSTRON OSCILLATOR, AFC, AND AGC. ANTENNA INPUT-OUTPUT IMPED. 50 OHM WITH TUBES 13 IN R-453A, 29 (R-418A), 18 (PP-690), 16 (PP-689), 12 (T-389A), 37 (LESS SRL-7 IN T-303A), AND 11 (PP-764). POWER REQUIRED: 115/230 VAC 50/60 HZ 2300 WATTS. SIZE: 62x29x29 FOR TRANSMITTER AND RECEIVER SECTIONS EACH. TOTAL WT: 105 1/2 LBS. PRICE: TRC-29, UNUSED LESS SRL-7 \$395.00

POWER AMPLIFIER 618S-1 COLLINS TRANSMITTER



WITH VARIABLE INDUCTOR COIL 12.8 FT. #14 WIRE 27 TURNS, APPROX. 100 WATTS FOR 2 TO 25 MC. COIL IS ROTATED BY 115 V. 400 CYC SELSYN CONT. MOTOR, USES 3/6159 TUBES ALSO LARGE CERAMIC ROTARY SW. COILS, CHOKES ETC. SIZE: 11x5x6; WT: 10 LBS. #5821-547-3496/618S-1 PRICE: LESS TUBES \$14.95 WITH TUBES \$18.50 SCHEMATICS FOR 618S SUB-ASSEMBLIES EACH \$1.00 MATING CONNECTORS " " EACH \$1.50

ART-13 LOW FREQUENCY OSCILLATORS UNITS PLUG INTO THE FRONT OF TRANSMITTER AND ENABLES USE ON SPECIFIED FREQ. OF THE OSC. USED. 0-16 COVERS 200-600 KC OR 500 TO 1500 KC. USED \$18. 0-17 COVERS 200-600 KC. \$9.95 BOTH LFO ARE SUPPLIED W/1625 TUB UNITS REQUIRE PROPER ANT. COIL FOR MAX. RESULTS


RECEIVER-TRANSMITTER

RT-294A/ARC-44 RECEIVER-TRANSMITTER DESIGNED FOR AIRCRAFT USE IN THE FREQ. RANGE OF 24.0 TO 51.9 MHZ F.M. VOICE IN 280 PRE-SET CHANNELS. TRANSMITTER IS APPROX. 8 W. OUTPUT, 52 OHM LOAD, AIR TO GND. RANGE APPROX. 50 MILES. REC. AUDIO OUTPUT APPROX. 50 MW. ACROSS 150 OHM. 600 OHM HEADSET. MAY ALSO BE USED AS HOMING DEVICE FOR KEYED UNMODULATED OR CW SIGNALS. POWER REC. 27.5 VDC 3 A. 150 VDC @ 85 MA., 300 VDC @ 125 MA., 27 V. 400 CYC. FOR BLOWER. WITH TUBES 9/5840, 7/5718, 4/5829, 3/5636, 2/5763, 1/5647, 1/5902, 1/6112 & 1/6B7F. SIZE: 7x14x5 1/2; WT: 17 LBS. PRICE: USED \$19.95




MAGNETIC GENERATORS; HAND CRANK, APPROX OUTPUT 100 VOLTS DEPENDING ON SPEED OF ROTATION. USED TO RING TELEPHONE BELLS. CAN BE USED FOR WORM SHOCKER ETC

GN-38A 3 HORSESHOE MAGNETS \$8 ROUND TYPE
 GN-41 4 " " " \$9 G-25 \$5.95
 GN-38C ALNICO " " \$10 G-42 \$7.95




DC AIRCRAFT MOTOR; GE#58A-50LJ29, 0.4 HP, 3000 RPM. ARMATURE: 60V. @ 2.3 AMPS. FIELD: 27 VOLTS @ 6.5 AMPS. DUTY: 10 MIN. @ FULL RATING. SHAFT IS CORKSCREW-TYPE 5/8 INCH DIA. FLANGE MTG. 3/8 CNTS. BODY SIZE: 6 1/4 x 4 1/4 x 4 1/4 WT: 11 LBS. \$4.95

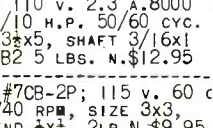
VARIABLE SPEED DRIVE CONTROL USED WITH MOTOR AM NO. E-85-132. GE#3S750RJ750A1, FIELD 100 VDC. ARM. 140 VDC., 2.6 A INPUT 230 V. 50/60 HZ. 5 LBS. GE#3S7505RJ750A1 NEW \$25.00



JOHN OSTER TYPE C-24A-1B KS-5829 SERIES MOTOR; 27 VDC, 0.01 HP, 7000 RPM. SIZE: 3x2 DIA.; SHAFT: 1x1/16 DIA. WT: 1 LB. UNUSED; \$1.25




GE#5PR56HCM 110 V. 2.3 A. 8000 RPM. INT. 1/10 H.P. 50/60 CYC. REV. SIZE 3x5, SHAFT 3/16x1 STK.#3H3000B2 5 LBS. N.\$12.95

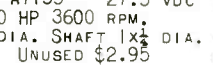


DICTAPHONE #708-2P; 115 V. 60 C 1/60 HP. 1740 RPM, SIZE 3x3, SHAFT EA. END 3x2, 2LB.N \$9.95


ART-13 MOTOR, 28 VDC. .05 HP @ 3900 RPM. REVERSIBLE; BALL BEARING. MOTOR WILL OPERATE ON 12 VDC. SIZE: 4x3x3 DIA. WT: 1 1/2 LB. PRICE: GOV'T RECONDITIONED \$2.95



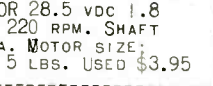
DELCO MOTOR A7155 27.5 VDC 2.4 AMP. 1/30 HP 3600 RPM. SIZE: 5x2x2 DIA. SHAFT 1x1/16 DIA. WT: 1 1/2 LB. UNUSED \$2.95



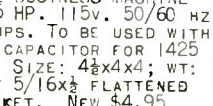
TG-10 KEYER MOTOR, 115V. 60 HZ. 1550 RPM WITH 1-7/8" SHAFT GEARED TO 80 RPM. REMOVED FROM TG-10 EQUIPMENT. SIZE: 3x3x4x4 WT: 3 LBS. #3H3000-3 Used \$2.95




ELECTROLUX MOTOR 28.5 VDC 1.8 AMPS. 1/35 HP 220 RPM. SHAFT SIZE: 1x1/16 DIA. MOTOR SIZE: 4x3x3 DIA. WT: 5 LBS. USED \$3.95



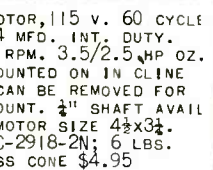
WESTINGHOUSE BUSINESS MACHINE MOTOR, 0.025 HP. 115V. 50/60 HZ @ 1.2/1.0 AMPS. TO BE USED WITH 4 OR 3 MFD. CAPACITOR FOR 1425 OR 1725 RPM. SIZE: 4x4x4; WT: 5 LBS. SHAFT 5/16x3 FLATTENED FOR RUBBER SHOCK MTG. BRACKET. NEW \$4.95



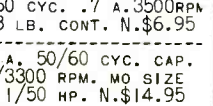
HYSTERESIS SYNCHRONOUS MOTOR 115V 60HZ, 1800RPM, CONT. 1/8HP FL. MTG. 7", SHAFT 2 1/16x3 DIA. SIZE 6x5, CAP. ST. USED 25LB. BODINE#MCH-54 OR EQUAL \$25.00



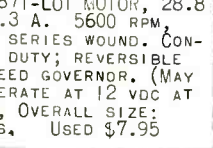
RECORDER MOTOR, 115 V. 60 CYCLE CAP. REQ. 4 MFD. INT. DUTY. 900 & 1800 RPM. 3.5/2.5 HP OZ. IN. MOTOR MOUNTED ON IN CLINE BASE THAT CAN BE REMOVED FOR FLAT MOUNT. 1/2" SHAFT AVAILABLE WITH OR WITHOUT CONE. MOTOR SIZE 4x3x3. REVERSIBLE DUAL SPEED. #HBC-2918-2N; 6 LBS. PRICES: WITH CONE \$5.95 LESS CONE \$4.95




HEINZ 1160039-C57; 115 V. 60 CYC. .7 A. 3500RPM MO. SIZE 3x3, SHAFT 1x3; 3 LB. CONT. N.\$6.95




VE KS-5871-LOI MOTOR, 28.8 VDC @ 3.3 A. 5600 RPM, 0.04 HP SERIES WOUND. CONTINUOUS DUTY; REVERSIBLE WITH SPEED GOVERNOR. (MAY ALSO OPERATE AT 12 VDC AT REDUCED SPEED. SHAFT 1/2x1/16, OVERALL SIZE: 6x3x3 DIA. SHPG. WT: 7 LBS. USED \$7.95




MERCURY MOTOR 24 TO 28 VOLT DC 60 HZ. OPEN FRAME TYPE, APPROX. 2500 TO 3000 RPM DEPENDING ON THE OPERATING VOLTAGE AND LOAD. SIZE: 2x2x3 WT: 1 LB. #MER-MO2428 Used 75¢




OPEN FRAME MOTOR, 115V. 60 HZ. 500 RPM ONE DIRECTION, 1000 RPM THE OTHER. SHAFT 1x1/16" DIA. SIZE: 2x3x4 WT: 2 LBS. #B30B \$1.00




EMC TYPE 300, 45V. 60 HZ. 6.5 RPM. LIGHT OPEN FRAME 5x2x1 1/2. SHAFT: 1x3/16" DIA. WT: 1 LB. \$1.50.




28 VOLT MOTOR, 135 RPM; HP: 1 OZ/IN. WITH 5/16x1/2" DIA. GEARED SHAFT; HAS 4 SOLDER TERMINALS ON 1x1/2" BLOCK. MOTOR SIZE: 5x1-7/8 DIA. WT: 1 LB. GE#5EA10FJ444 Used, \$7.95



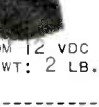
GEARHEAD MOTOR; 115 VAC 60 HZ, 3.44 RPM. OPEN FRAME TYPE FOR LIGHT USE. SHAFT 4x5/16" DIA. 6x2x3, 2 LBS. #ZA-1056, \$1.95




ARN-6 BANDSWITCH GEAR AND MOTOR ASSEMBLY, 28 VDC. BENDIX M-4A MOTOR. ASSY. SIZE: 1 1/2x1x3/2; MOTOR SIZE: 1 1/2x2x1 1/2 WT: 3 LBS. \$2.95




B-701/R-107 MOTOR FROM AS-313/ARN-6 LOOP ANTENNA. OPERATES FROM 26 VOLT 400 HZ @ 2750 RPM. WILL OPERATE FROM 12 VDC 60 HZ. SIZE: 3x2x3 WITH 3/8" GEAR. WT: 2 LB. PRICE: USED \$3.95



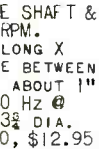
DELCO PM MOTOR #5069466, 27.5 VDC, 10,000 RPM. IN ALUMINUM CASE GEARED TO WORM GEAR. WORM GEAR 2000 RPM. MOTOR SIZE: 1 1/2x1x2 1/2; CASE SIZE: 2 1/2x2 1/2x2 WT: 2 LBS. #3H3100A-1 \$3.95



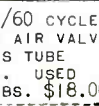
DELCO PM MOTOR 5067125, 27.5 VDC, 10,000 RPM. TWO GOVERNORS, TAPERED SHAFT 3/16x1/16" DIA. MOTOR SIZE: 3x1x1 WT: 5 LBS. \$3.95



MOTOR W/RIGHT ANGLE SHAFT & MOUNT, 1/8 HP 230 RPM. SHAFT SIZE: 5/16" LONG X 3/8" DIA. CLEARANCE BETWEEN SHAFT AND MOUNTING ABOUT 1" REQUIRES 115 VAC 60 HZ @ 1.9 AMPS. SIZE: 7x3 1/2 DIA. WT: 15 LBS. ROBBINS & MEYERS #KL-H330, \$12.95



VICKERS AR-10007G 115 VOLT 50/60 CYCLE SELENOID OPERATED AIR VALVE ONE INLET ACTUATES TUBE PLUNGER 1" STROKE. USED SIZE: 6x4x2 1/2; 5 LBS. \$18.00



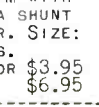
REDMOND BLOWER MOTOR: 24 VOLT DC 6000 RPM MOTOR .96 AMPS. OVERALL SIZE 4x3x3 1/2; WT: 2LBS. #451-1085 UNUSED \$4.95



JOHN OSTER 10 CFM BLOWER WITH MOTOR C2BP-1A. 27.5 VDC 0.01 HP, 6000 RPM. SIZE: 3x3x3x4 1/2 WT: 4 LBS. USED \$3.95




28 VDC BLOWER, 6200 RPM WITH THE OPTION OF EITHER A SHUNT MOTOR TYPE OR PM MOTOR. SIZE: 3x2x3 SHPG. WT: 4 LBS. BLOWER WITH SHUNT MOTOR \$3.95 BLOWER WITH PM MOTOR \$6.95




12/24 VOLT DC DUAL BLOWER, APPROX. 50 CFM, 1500 RPM @ 12 VDC; 100 CFM, 3000 RPM @ 24 VDC. SIZE: 10x5x5 WT: 7 LBS. USED \$3.95



LOW SPEED MOTOR, 230 V. 60 HZ, 10 RPM WITH GEARBOX. SHAFT 1/2x1/2" DIA. MOTOR SIZE: 2 1/2x2 1/2x4, WT: 2 LBS. USED \$1.95



PHONOGRAPH MOTOR, 80 VDC 60 HZ. 78 RPM. WILL ALSO OPERATE ON 115V. WITH RESISTOR. ON MOUNTING PLATE. SIZE: 3x3x3 WT: 2 LBS. USED 59¢




AY-201 SYNCHRO CONTROL TRANSFORMER, ROTOR 1 PHASE 26 V., STATOR 11.8 V. 400 CYCLE. SIZE: 1 1/2x1 1/2; SHAFT 1/16x3/4. VARIOUS MANUFACTURE PRICE: REMOVED FROM EQUIP. \$2.95

AY-165 AUTOSYN DIFFERENTIAL, 400 CYCLE, 11.8 V. 3 PHASE ONE TO ONE RATIO. BENDIX & OTHERS. SIZE: 1 1/2x1 1/2. PRICE: REMOVED FROM EQUIP. \$2.95

AY-231 AND AY-232 SAME SPECS. AS ABOVE.

AY-123 AUTOSYN RESOLVERS; 400 CYCLE, ROTOR 2 PHASE 26 VOLT, STATOR 2 PHASE 11.8 VOLT. PRICE:

AY-177-B1 AUTOSYN DIFFERENTIAL 400 CYCLE 3 PHASE 11.8 V. TO 3 PHASE RATIO 1-1 SIZE: 1 1/2x1 1/2; SHAFT 1/2x1/16 PRICE: NEW \$2.95


SYNCHRO GENERATOR SPERRY#R5663642, MFG. BY BENDIX. SIMILAR TO BENDIX AY-401-2, OPERATES FROM 26 VOLTS 400 CYCLE SINGLE PHASE WHEN USED IN CONJUNCTION WITH AY-201 CONTROL TRANS. IT WILL OPERATE UP TO 20 UNITS. SIZE: 2 1/2x2 1/2; WT: 12 OZ. PRICE: NEW \$2.95

SPERRY RAY-248, RCY-250, RBX-251, 662428, 662-426, 652174 AND OTHERS. PRICE: RE-MOVED \$2.95

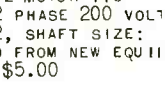
HUGHES RESOLVER 810229, 810228, 810227 RM \$2.95
 KETAY TRANSFORMER K-101300-20 RE-MOVED \$2.95
 23CX4 TRANSMIT. 115 V. 400 CYC USED \$ 8.95
 23TX4 " " " " " 8.95

23CT4 CON/TRANS. " 400 " " 8.95
 23RS4A RESOLVER 90/90V " " " 8.95
 23CT6 TRANSFORMER 90/1V PER. DEG."60CY 8.95

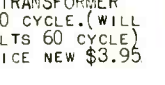
2JIHI SELSYN DIFFERENTIAL GENERATOR NORMALLY OPERATES FROM 57.5/57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 26 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM ON PAGE 31. SIZE: 2 1/2x4 1/2; WT: 8oz. PRICE WITH CONNECTOR CAPS.....\$3.95




DAYSTROM TRANScoil CONTROL MOTOR 115 VOLT 60 CYCLE, 1 PHASE, 2 PHASE 200 VOLT ET. 3200 RPM. SIZE: 2 1/2x2, SHAFT SIZE: 1/16x3/4 WITH GEAR. REMOVED FROM NEW EQUIP. PRICE: \$5.00




GE SELSYN CONTROL TRANSFORMER 57.5/57.5 VOLTS 400 CYCLE. (WILL OPERATE FROM 26 VOLTS 60 CYCLE) SIZE: 2x2; 1 LB. PRICE NEW \$3.95




GM-4 AMMUNITION BOOSTER GEARED MOTOR MOUNTED IN-SIDE FRAME WITH SHAFT & SPROCKETS THAT ARE 3/8" DI & 3/8" APART. MOTOR DESIGNED FOR 24 V. 400 CYC. 3 PHASE, BUT CAN BE OPERATED FROM 24 V. 60 CYC @ 20 RPM BY USING 4 MFD CAP. USING HIGHER CAP CAP: HIGHER CAP. WILL INCREASE SPEED AND TORQUE. STAINLESS STEEL FRAME CAN BE REMOVED EASILY. INST. FURNISHED. SIZE: 7x2x2 1/2x5 1/2; 10 LBS. GE#9160256-G4M N. \$5.95



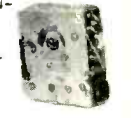
LINEAR ACTUATOR, STAT. 200, TENS. 40, COMP. 40. ARM TRAVEL 5/16". MOTOR 115V. 400 HZ, 1600 RPM. DUTY 1/10, 0.04 HP. TORQUE: 6.7 IN-OZ. SIZE: 5x5x3 1/2 WT: 5 LB. AIRSEARCH#34930 Used \$3.95




LINEAR ACTUATOR, STAT. 200, TENS 75-100, COMP. 75-100. ARM TRAVEL 5/16". MOTOR 115V. 400 HZ., 0.025 HP 6500 RPM. DUTY 1/10, TORQUE: 3.9 IN-OZ. SIZE: 5x8x4 1/2 WT: 5LB AIRSEARCH#3D146-120 Used \$3.95



RATCHET MOTOR, 24 VDC 60 RPM CONTINUOUS. ALSO THREE POSITION STOP. BAND SWITCH ASSEMBLY AS USED IN R-5/ARN-7 COMPASS RECEIVER. UNIT WILL ALSO OPERATE FROM 18 TO 24 VDC. SIZE: 3x4x1 1/2 WT: 2 LBS. #609-ARN-7 \$1.25



GENERAL INDUSTRIES HEAVY DUTY PHONOGRAPH MOTOR, 115 VOLT AC 60 HZ. 33-1/3 RPM. SIZE: 4x4x4 WT: 6 LBS. G1#4483 Used \$1.95



HIGH BAND

FM — TRANSMITTER — RECEIVERS

LOW BAND



R-394/U RECEIVER F.M. 152-172 MC.
SINGLE CHANNEL CRYSTAL CONTROL DUAL CONVERSION, CRYSTAL FREQ. RANGE 24.033 TO 27.7 THIRD OVERTONE, TYPE CR-32/U, I.F. FREQ. 7.8 MC & 455 KC. 15 KC DEVIATION, OUTPUT IMPEDANCE 8 OHMS, POWER 6 WATTS, SQUELCH AND MUTING CIRC. MODULAR CONSTRUCTION WITH PLUG-IN UNITS FOR EASY SERVICING.
1ST R-F AMPL. UNIT W/TUBES 1/5840 2/1AD4.....LOCAL OSCILLATOR UNIT W/TUBES 2/1A04, 1/5678, 1/VR31-5783
.....1ST I-F 7.8 MC UNIT W/TUBES 3/5678.....2D I-F AND DISCRIMINATOR UNIT WITH TUBES 7/5678.....AUDIO AND SQUELCH UNIT WITH TUBES 3/5678, 1/5672, 1/6AK6 ALSO 455 KC SELECTIVE FILTER UNIT WHICH IS WIRED, NOT PLUG-IN. ILLUSTRATION SHOWS THE PLUG-IN UNIT AND THE COMPARTMENT WHERE THE POWER SUPPLY IS ALSO PLUGGED INTO. COVER IS SUPPLIED AND HELD IN PLACE BY A SPRING LOADED FASTNER. POWER SUPPLIES, CONNECTOR, CONTROL UNIT AND OTHER ITEMS THAT ARE USED WITH THIS SET ARE LISTED ELSEWHERE ON THIS PAGE.
SIZE: 8 1/2 x 5 1/2 x 14 1/2; WT: 19 LBS.
PRICES: USED GOOD CONDITION.....\$14.95
GOV'T RE-CONDITIONED..... 22.50



R-257 RECEIVER 25 TO 50 MC FM
SAME AS R-394 RECEIVER ONLY DIFFERENT FREQUENCY RANGE. USES ALL THE SAME ACCESSORIES POWER SUPPLIES, TUBES ETC. SAME SIZE AND WEIGHT.
USED \$14.95



T-208/U TRANSMITTER F.M.
25 TO 50 MC 25 WATTS. SINGLE CHANNEL CRYSTAL CONTROL, 15 KC DEVIATION, VOICE ONLY TRANSMISSION. CRYSTAL UNIT CR-27/U, FREQ RANGE 1,562.5 TO 3125 KC. X 16 FOR ALL FREQUENCIES. 100 MV CARBON MIC. WITH TUBES 3/2E24, 1/3B4, 2/5672 4/5678 & 3/1A04.

VOLTAGES REQUIRED ARE AS SHOWN WITH DYNAMOTORS DY-93/12 V, DY-98/24 V. DY-100/6 V.
SIZE: 8 1/2 x 4 1/2 x 14 1/2; WT: 11 LBS. USED \$18.95



CHASSIS CONNECTORS TO FIT R-394, R-257, T-416 T-278, T-208 & SUPPLIES

TRANSMITTER PLUG P-401 CHASSIS CONNECTOR NO'S J-801, CANNON# DPD-A32C2-33S-2L \$2.50
RECEIVER PLUG R-252; CHASSIS CONNECTOR NO'S J-803, CANNON# DPD-A31C1-33S-2L \$2.50
POWER SUPPLY PLUG P-1203; CHASSIS CONNECTOR NO'S J-802, CANNON# DPD-30-33S-22 \$2.50
UG-77 PLUG ON 4' FOOT CORD.....\$1.00
H-33/PT HANDSET ON 4 1/2' CORD WITH UG-77 U 5.95

CV-278 FREQUENCY SHIFT CONVERTER

USED TO CONVERT FREQUENCY SHIFT SIGNALS TO NEUTRAL OR POLAR MARKING OR DC IMPULSES. THE FREQ. SHIFT-KEYED (FSK) SIGNALS ARE RECEIVED FROM THE I.F. OF THE RECEIVER WITH A RANGE OF 450 TO 500 KC AND ARE CONVERTED TO DC IMPULSES AND USED FOR OPERATION OF TELETYPEWRITER OR REPERFORATOR MACHINES. CRYSTAL CONTROL, BAND WIDTH 1500 CPS. WITH TUBES 2/26A6, 1/26A7, DIODES 1/IN63, 2/IN69. VOLTAGE REQ. 28 VDC @ 2.0 AMPS. \$16. INPUT METER 0-100 & DISC. 50-0-50 1-3/4" MICROAMP. SIZE: 9 1/2 x 13 1/2 x 7 1/2; WT: 23 LBS. USED \$24.50
CONNECTOR PLUGS FOR INPUT OR OUTPUT \$2.50

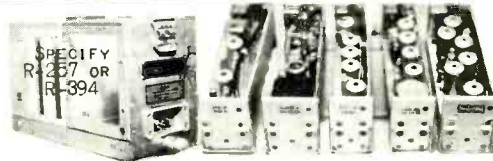


BC-604 F.M. TRANSMITTER 30 W.

FREQ. RANGE 20-27.9 MHZ. 10 PRE-SET CRYSTAL CONTROL CHANNELS ARE POSSIBLE WITH THE PROPER CRYSTALS. WITH TUBES 4/1619 & 1/1624. VOLTAGE REQ. 12 OR 24 VDC @ 625 MA. SIZE: 18 1/2 x 11 1/2 x 10 1/2; 60 LBS. PRICE: UNUSED W/SPARE TUBES \$25



TELEGRAPH-TELEPHONE SIGNAL CONVERTER: CONVERTS 20 CPS RINGING SIGNALS TO 1225/1600 CPS RINGING SIGNALS AND CONVERTS 1225/1600 CPS RINGING TO 20 CPS. RINGING. POWER REQ; 115V 60HZ. W/2EA. 12AU7, 12AX7, 6AL5, 6X4
SIZE: 11 x 7 1/2 x 10 1/2; 18 LBS. TA-182 USED \$25.00



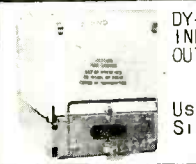
R-257 OR R-394 RECEIVER CHASSIS ONLY LESS ALL PLUG-IN UNITS AND FILTERS, WITH CONNECTORS & COVER. SHPG. WT: 10 LBS. USED \$4.95
R-257 OR R-394 RECEIVER PLUG-IN UNITS ONLY
MX-1547 RECEIVER RELAY SUBASSEMBLY \$4.95
1ST R.F. AMPL. W/TUBES 1/5840, 2/1AD4 \$3.95
LOCAL OSCILLATOR W/TUBES 2/1A04, 1/5678 \$4.95
1/VR31-5783 & CRYSTAL. (NO CRYSTAL CHOICE)
2ND I.F. AND DISCRIMINATOR W/ TUBES 5678 \$3.95
1ST I.F. 7.8 MC. W/TUBES 3/5678 & CRYST \$4.95
AUDIO & SQUELCH W/TUBES 3/5678, 1/5672 AND 1/6AK6 \$3.95
SELECTIVE FILTER 455 KC. (NOT SHOWN) \$2.95



VIBRATOR TYPE POWER SUPPLIES FOR USE WITH R-394 & R-257 RECEIVERS. THE OUTPUT OF THE SUPPLIES ARE THE SAME AND ARE
150 VOLTS DC @ 15 MA.
150 " " @ 5 " "
140 " " @ 50 " "
-40 " " @ .5 " "
6.3 " " @ .45 AMPS.
6.3 " " @ 1.0 " "
1.4 " " @ 1.25 " "
PP-867/U 24 VOLTS DC @ 1.1 AMPS USED \$4.95
PP-868/U 12 " " @ 2.0 " " 9.95
PP-869/U 6 " " @ 3.7 " " 6.95
PP-846/U 115/230 V 60 CYC 2 AMPS " 18.95
PP-804 115/230V. 60 CYC AC POWER SUPPLY FOR T-417, T-208 AND T-278 TRANSMITTERS.
WRITE AS TO AVAILABILITY AND PRICE
C-844/U CONTROL UNIT FOR OPERATION OF RADIO SET FROM REMOTE POINT. USED \$14.95



C-847 RADIO CONTROL BOX;
USED TO CONTROL THE SYSTEM, HAS HEAVY ALNICO MAGNET 4" SPEAKER FOR MONITORING REC. CONTROLS FOR SQUELCH, VOLUME ON/OFF SW. PILOT LIGHTS AND RECEPTACLE FOR H-33 HANDSET WHICH HAS UG-77
SIZE: 9 1/2 x 5 1/2 x 3 1/2; WT: 6 LBS. USED \$8.95
H-33/PT HANDSET WITH CORD & UG-77 " 5.95



DY-93 DYNAMOTOR POWER SUPPLY
INPUT: 12 VDC @ 20 AMPS.
OUTPUT: 380 VDC @ 180 MA.
225 VDC @ 45 MA.
-25 VDC @ 5 MA.
USED WITH T-208 & T-278 TRANS.
SIZE: 8 1/2 x 7 x 14; WT: 27 LBS.
PRICE: USED \$9.95

TRANSMITTER RECEIVER

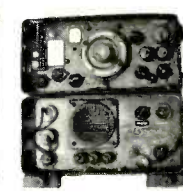


RT-53/TRC-7 RECEIVER-TRANSMITTER; 100-156 MHZ, A.M. VOICE, 1.5 W CRYSTAL CONTROL ON 2 PRESELECTED CHANNELS, 1 1/2" METER, PHONE, MIC. & MONITORING JACKS, VOL. CONTROL ETC. WITH TUBES 3/1A85, 3/1L4, 1/1S5, 5/3A5, 1/1LA3, 1/3Q4 & 2/3A4, VOLTAGES REQUIRED 90 VDC, 60 VDC & 4 1/2 VDC. SIZE: 11 1/2 x 5 1/2 x 13 1/2; 15 LBS. USED \$24.95

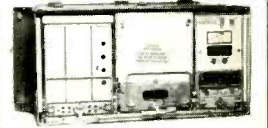
RECEIVER



AF/URG-60 RECEIVER
100-156 MHZ AM CRYSTAL CONTROL (1)
ONE CHAN. AVC, SQUELCH, NOISE LIMITER, WITH TUBES 4/6AK5, 4/6S7, 2/6H6, 1/6F6, 2/6S7 & 1/5Y3GT ALSO PHONE JACK, LINE JACK, VOL. CONT. PILOT LT. SWITCH ETC. RACK MFG. 19x5 1/2 x 15 1/2; SHPG. WT: 50 LBS. POWER REQUIRED, 115 VOLT, 25 TO 60 CY
PRICES: USED \$39.50 CHECKED \$49.50



AN/GRR-5 RADIO RECEIVING SET FOR USE IN THE 1.5 TO 18 MHZ RANGE, 4 BANDS 115 VOLTS 50 OR 60 CYCLE, 6, 12, 24 VDC OR DRY CELL BATTERIES 90 AND 1.5 VDC. CAN BE USED FOR OPERATION THE SET CONSISTS OF THE R-174 RECEIVER WHICH IS A SUPERHETRODYNE RECEIVES AM, CW AND MCW SIGNALS, WITH CONTINUOUS TUNING AND FACILITIES FOR PRESETTING ANY 10 CHANNEL FREQ., 200 KHZ CRYSTAL CALIBRATOR, 455 KHZ IF WITH TUBES 1/3V4, 3/1R5, 3/1L4 & 1/1U5. THE OUTPUT OF THE REC. IS FEED INTO A HEAVY DUTY 4" SPEAKER THAT IS PART OF THE PP-308 POWER SUPPLY AND TO OUTPUT PHONE JACKS ON THE REC. PP-308 POWER SUPPLY FURNISHES ALL THE VOLTAGE REQUIRED WHEN ANY OF THE POWER SOURCES ARE APPLIED AS STATED ABOVE AND IT ALSO CONTAINS THE SPEAKER. BOTH UNITS ARE MOUNTED IN A TWO COMPARTMENT CABINET THAT IS SHOCKMOUNTED. PP-308 IS SUPPLIED WITH TUBES 2/6AG7, 1/1007 & 1/0B2.
SIZE: 13 1/2 x 8 1/2 x 12 1/2; WT: SHPG. 75 LBS. ACTUAL 62
PRICE: USED, REPARABLE \$49.50 CHECKED, \$59.50
POWER INPUT PLUG ONLY \$2.50; FIVE (5) FT AC LINE CORD 50¢; 15 FT. DC CORD \$1
MANUAL FOR AN/GRR-5 \$7.50



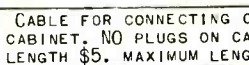
CY-938 ELECTRICAL EQUIPMENT CABINET; USED TO HOUSE RECEIVERS R-394 OR R-257, TRANSMITTERS T-208 OR T-278 AND POWER SUPPLIES DY-93 OR DY-98 OR DY-100 FOR THE TRANSMITTERS.
SIZE: 17 1/2 x 11 1/2 x 25; WT: 33 LBS.
PRICES: USED \$7.95



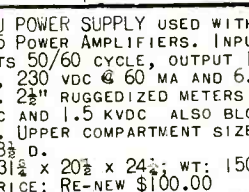
T-278/U TRANSMITTER F.M.
152 TO 174 MC APPROX. 30 WATTS, CRYSTAL CONTROL ON ANY TWO (2) PRESET FREQ. PHASE SHIFT MODULATION 15 KC DEVIATION, CR-27/U CRYSTAL UNIT FREQ. RANGE 4750-5437.5 KC. MULTIPLIED 32 TIMES. WITH TUBES 2/3A4, 3/2E24, 4/5678, 2/5672 AND 2/1A04.
VOLTAGES REQUIRED AS SHOWN WITH DY-93 DYNAMOTOR ELSEWHERE ON THIS PAGE. USED \$18.95
SIZE: 8 1/2 x 4 1/2 x 14 1/2; WT: 12 LBS. UNUSED \$24.95



CX-2371 CABLE ASSEMBLY USED FOR CONNECTING R-394-257 REC., T-208-278, 416, 417 TRANS. TO THE VARIOUS CABINETS SO THE UNITS CAN BE SERVICED OUTSIDE THE CABINETS.



CX-2341 CABLE FOR CONNECTING CONTROL BOX TO CABINET. NO PLUGS ON CABLE. 5 FOOT LENGTH \$5. MAXIMUM LENGTH 15'



PP-638/U POWER SUPPLY USED WITH AM-494 & AM-495 POWER AMPLIFIERS. INPUT 115/230 VOLTS 50/60 CYCLE, OUTPUT 1100 VDC @ 320 MA, 230 VDC @ 60 MA AND 6.3 VAC @ 5.2 A. 2 1/2" RUGGEDIZED METERS 50 MADC 500 MADC AND 1.5 KVDC ALSO BLOWER FOR COOLING. UPPER COMPARTMENT SIZE 15WX 9 1/2 H x 8 1/2 D.
SIZE: 31 1/2 x 20 1/2 x 24 1/2; WT: 150 LBS.
PRICE: RE-NEW \$100.00



AN/TRC-34 RADIO SET 152 TO 172 MHZ, FM 50 WATT OUTPUT, DUAL FREQ. SELECT ION ON ANY TWO PRESET CRYSTAL CONT. FREQ., TWO WAY COMMUNICATION OR RADIO RELAY USE.
THE SET CONSISTS OF T-416 TRANSMITT. THAT IS THE SAME AS T-278 EXCEPT IT USES A 5894 TUBE IN THE FINAL, R-394 REC., C-844 RELAY CONTROL BOX, PP-804 & PP-846 115/230 V 60 CYC POWER SUPPLIES AND CY-1221 CABINET, THAT HAS THE CONTROLS FOR LOCAL USE.
SIZE: 21 1/2 x 17 x 20 1/2; WT: 150 LBS. PRICE: USED \$100.00



RECEIVER POWER SUPPLIES AND SPEAKER FOR THE FOLLOWING:
 R-23/ARC-5 BC-453 BC-342
 R-24/ARC-5 BC-454 BC-344
 R-25/ARC-5 BC-455 BC-348
 R-26/ARC-5 BC-946 BC-429
 R-27/ARC-5 R-108,109,110

COMPLETE WITH DYNAMIC SPEAKER HOUSED IN A METAL CABINET WITH CONNECTING CABLE, PLUG, PHONE JACK, VOLUME CONTROL, BFO SWITCH, ETC. IF APPLICABLE. CAN ALSO BE USED FOR OTHER SETS. OUTPUT: 200/250 VDC @ 90/60 MA AND 24 VAC @ 2 AMPS. INPUT: 115 VAC 60 HZ. PLEASE SPECIFY THE TYPE SET. DIMENSIONS AND PARTS OF THE POWER SUPPLIES MAY VARY WITH AVAILABILITY OF MATERIALS. 9 1/2 x 6 1/2 x 5 WT: 10 LB
 PRICES: KIT OF PARTS \$20.00 WIRED \$23.00

BC-652 RECEIVER POWER SUPPLY WITH SPEAKER SAME AS ABOVE; KIT \$20.00; WIRED \$23.95

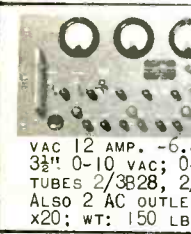


BC-603/BC-683 RECEIVER P.S. DESIGNED TO BE PLUG IN-TO THE SAME PLACE AS THE DYNAMOTOR WITH NO CONVERSION TO THE SET THAT WILL EFFECT THE OPERATION FROM THE DYNAMOTOR. ONLY WORK REQUIRED TO ADD ON/OFF SWITCH IN PLACE OF SPAR FUSE HOLDER. TRANSFORMER TYPE USING 5Y3GT TUB

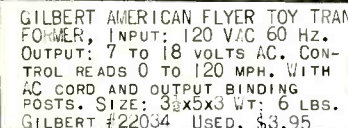
OUTPUT 220 VDC. 80 MA. & 24 VDC 2 A. WT: 5LBS. PRICES: KIT OF PARTS \$15.00 WIRED \$20.00



PE-1100 POWER SUPPLY FOR BC-669 TRANSMITTER-RECEIVER. INPUT 115 VOLT 60 CYC. OUTPUT 520 VDC @ 420 MA. A 12 VDC VIBRATOR TYPE POWER PACK WITH AN OUT PUT OF 275 VDC @ 64 MA THAT PLUGS INTO THE CHASSIS SERVES AS A RECEIVER STANDBY. INCLD. FOUR 5Z3 TUBES, RESET CIRCUIT BREAKERS, A.C. OUTLETS, AND SUFFIX LETTER, TUBE COMPLEMENT AND SIZE MAY VARY. 20x9x12; 75 LBS. USED REPARABLE \$25



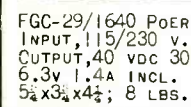
FP-484/FGC-5 VOLTAGE REGULATED POWER SUPPLY OPERATES FROM 115/230 VOLT 50/60 CYCLE 1 PH. OUTPUT 115 VDC 100MA, 225VDC 550 MA. 4/6.3 VAC 12 AMP. -6.3V BIA. WESTON 301 METERS 3 1/2" 0-10 VAC; 0-200 VDC & 0-500 VDC; W/ TUBES 2/3B2B, 2/2050, 2/12AU7, 6V6 & 5U4. ALSO 2 AC OUTLETS ON FRONT PANEL. 19x11 1/2 x 20; WT: 150 LBS. USED \$29.95



GILBERT AMERICAN FLYER TOY TRANSFORMER, INPUT: 120 VAC 60 HZ. OUTPUT: 7 TO 18 VOLTS AC. CONTROL READS 0 TO 120 MPH. WITH AC CORD AND OUTPUT BINDING POSTS. SIZE: 3 1/2 x 5 x 3 WT: 6 LBS. GILBERT #22034 USED, \$3.95



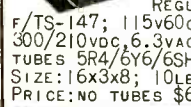
FGC-29/1660 Power Supply INPUT 115/230 VOLT 50/60 HZ OUTPUT: 225 VDC 100 MA. 6.3 VCT 4A. 6.3 V 1.5 A. INCL. FIL. 2/2021 TUBES. 11 1/2 x 5 1/2 x 4 1/2; 23 LBS. REM \$15



FGC-29/1640 POER SUPPLY: INPUT, 115/230 V. 50/60 HZ. OUTPUT, 40 VDC 30MA OR 35VDC 40MA 6.3V 1.4A INCL. FILAMENT 6x4. 5 1/2 x 3 1/2 x 4 1/2; 8 LBS. REMOVED \$10



TRANSISTORIZED POWER SUPPLY INPUT 115 VOLT 60 CYCLE, OUTPUT 200 VDC 300 MA. SIZE: 5x4x5; 15 LBS. 5820-805-3930 NEW \$22.95



REGULATED P.S. F/TS-147; 115v60cy, OUTPUT 300/210VDC, 6.3VAC 1.7A. REQ. TUBES 5R4/6Y6/6SH7 & 2/0C3 SIZE: 16x3x8; 10LBS. #PS-147 PRICE: NO TUBES \$6 WITH \$9

VERY HIGH VOLTAGE
 DC POWER SUPPLY WITH 107-125 VAC 60 HZ PRIMARY. TWO OUTPUTS: -5.4 TO 5.75 Kv. @ 140 TO 300 U-A. ONE OUTPUT: -5.1 TO 270 U-A. SIZE: 12 1/2 x 2 1/2 x 4 1/2 WT: 10 LBS. GE#9T63Y2029G6, USED, \$10.95

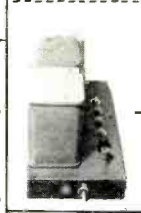
DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE CORD, PILOT LIGHT, LINE FUSE ETC. INDICATED RATINGS ARE FOR LOAD CONDITIONS.

OUTPUT 12 VOLT D.C. 2 AMPS. SIZE: APPROX. 5x10x2; WT: 10 LB. STK.# 12VDC2A. PRICES: COMPLETE WIRED \$14.95 KIT OF PARTS 10.00



OUTPUT 24 VOLT D.C. 2 AMPS. APPROX. SIZE: 5x10x2; WT: 12 LB. STK.# 24VDC2A. PRICES: COMPLETE WIRED \$19.95 KIT OF PARTS \$14.00

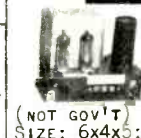


OUTPUT 12 VOLT D.C. 4 AMPS. APPROX. SIZE: 5x10x2; WT: 12 LB. STK.# 12VDC4A. PRICES: COMPLETE WIRED \$18.95 KIT OF PARTS 13.00



OUTPUT 24 VOLT D.C. 4 AMPS. APPROX. SIZE: 5x10x2; WT: 14 LB. STK.# 24VDC4A. PRICES: COMPLETE WIRED \$22.95 KIT OF PARTS 18.00

FREQ. METER P.S.



POWER SUPPLY FOR FREQUENCY METER SUCH AS BC-221, TS-173, 174, 175, TS-323 ETC. SUPPLIES 135 VDC @ 20 MA. AND 6.3 V. @ .9 A. POWER REQ. 115 V. 60 HZ. W/TUBES 0A2 VOLTAGE LIMITER AND 6X4 RECTIFIER (NOT GOVT) SIZE: 6x4x5; WT: 6 LBS. #PS-FREQ.CS6406 \$24.95

MOBILE SUPPLY



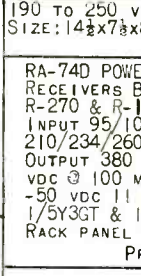
AVA-126 VIBRATOR POWER SUPPLY; OUTPUT 300 VDC 100 MA. OPERATES FROM 6, 12 OR 24 VOLTS D.C. WHEN THE PROPER VIBRATOR IS USED, OCTAL BASE. SUPPLIED WITH 6 VOLT VIBRATOR (USED WITH AVT-112 AIRCRAFT TRANS) ILLUST. COVER REMOVED. UNUSED SIZE: 7 1/2 x 7 1/2 x 7 1/2; WT: 12LBS. \$4.95



HAND CRANK GENERATOR AS USED IN GIESON GIRL RESCUE TRANSMITTERS OUTPUT 28 VDC @ 175 MA & 300 V @ 30 MA. WHEN CRANKED AT 60 RPM GEAR RATIO APPROX. 72 TO 1. NO LEGS SEAT OR MOUNTING. #GEN/CRT-3 RE-MOVED \$10.00



RA-87 RECTIFIER; FOR USE WITH TELETYPE EQUIPMENT. CONVERTS 95 TO 125 VOLT OR 190 TO 250 VOLTS 50-60 CYC TO 115 VDC 400 MA AND 115 VAC 4.35 A. WHEN USED WITH 190 TO 250 VAC INPUT. RF-NEW \$12.95 SIZE: 14 1/2 x 7 1/2 x 8; 45 LBS. PRICE: USED \$16.95



RA-74D POWER SUPPLY FOR RECEIVERS BC-779, 794, 1004, R-270 & R-129U. INPUT 95/105/117/130/190/210/234/260 VAC 25-60 CYC. OUTPUT 380 VDC @ 50 MA, 250 VDC @ 100 MA 100 VDC 4.5 MA -50 VDC 11 MA & 6.3 VAC 7 AMP. WITH TUBES 1/5Y3GT & 1/5U4G. RACK PANEL MTG. SIZE: 19x10 1/2 x 10; WT: 100 LBS PRICE: USED \$24.95

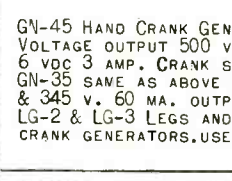
RADIOSONDE

AN/AIT-4A RADIOSONDE; CONSISTING OF THE T-304A TRANSMITTER & MD-147C MODULATOR. TRANS. IS A.M., 1680 MHZ AND THE MODULATOR CONTAINS THE PRESSURE SENSITIVE ELEMENT OR ANEROID, TEMPERATURE ELE. HUMIDITY ELEMENT AND A COMPUTATOR, SERVES AS A SWITCHING ARRANGEMENT FOR THE DIFFERENT SERVICES WHICH IS TRANSMITTED BY THE RADIOSONDE THAT IS TAKEN UP BY A METEOROLOGICAL BALLON. ALSO USED FOR TRACKING WIND DIRECTION. WITH TUBES 5794 AND 5875. BATT. VOLTAGE REQ. 1.5, 6 & 115 VDC. WT: LESS BATT. 1 1/2 LBS. (613 GRAMS.) PRICES: MODULATOR ONLY LESS HUMIDITY AND SENSITIVE ELEMENTS \$3 TRANSMITTER ONLY \$4.95

LENKURT MODEL 5047A POWER SUPPLY, INPUT: 115 VAC 60 HZ. OUTPUT: 24 VCT. 10 AMPS AC AND 160V. 150 MA DC. CONSTRUCTED ON AN ALL-ALUMINUM CHASSIS WITH VENTILATED ALUMINUM COVER WITH FLIP-LOCKS. (NOT SHOWN) SIZE: 19 1/2 x 7 1/2 x 10 1/2 WT: 45 LBS. \$19.95



PP-1243 POWER SUPPLY USED WITH AN/URM-32 FREQ. METER, CAN ALSO BE USED WITH OTHER EQUIPMENT. POWER REQ. 115/230 VOLT 50-450 CYCLES. OUTPUT VOLTAGES 180 VDC @ 20 MA. 6.3 VAC @ 1.1 AMP. WITH 6X4 TUBE SIZE: 12x3 1/2 x 7; WT: 8 LBS. USED \$24.95

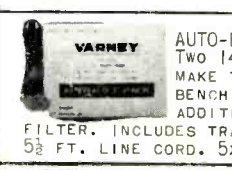


GN-45 HAND CRANK GENERATOR W/CRANKS USED VOLTAGE OUTPUT 500 VDC @ 140 MA & 6 VDC 3 AMP. CRANK SPEED 60 RPM. GN-35 SAME AS ABOVE ONLY 8 V. 2.5 A & 345 V. 60 MA. OUTPUT, USED \$10 LG-2 & LG-3 LEGS AND SEAT FOR HAND CRANK GENERATORS, USED \$10. PE-157 POWER SUPPLY; HAND CARRING TYPE WITH LEATHER HANDLE. HAS COMPARTMENT FOR INSTALLING BB-54 2 VOLT WET CELL WHICH IS POWER SOURCE FOR OPERATING THE VIBRATOR SUPPLY THAT HAS A OUTPUT OF 1.5 VDC @ .490 AMPS. AND 135 VDC @ 50 MA. (APPROX. V/A) ALSO HAS SPACE FOR MTG. 4" SPEAKER. SIZE: 6 1/2 x 12 x 6; WT: 19 LBS. PRICE: USED LESS SPEAKER & BATTERY \$14.95 BB-54 BATTERY 2 VOLT NEW \$ 2.95

PP-308/URR POWER SUPPLY; OUTPUT VOLTAGES OF 90 VDC, 1.4 VDC, AND --4.2 VDC. A PORTABLE UNIT WHICH CAN OPERATE FROM 115V. 60 CYCLE LINE OR FROM 6, 12 DR 24 VOLT VEHICULAR BATTERY; WITH FUSE HOLDERS, POWER-SELECTOR SWITCH, POWER ON-OFF SW, SPEAKER ON-OFF SW, AND SPEAKER FOR A RECEIVER*. TAKES 4 COND. FEMALE CONNECTOR (NOT AVAILABLE). WITH TUBES 2/6AG7 AND 0B2. SIZE: 5 1/2 x 8 x 12 WT: 30 LBS. WITH GOVT SPEAKER \$14.95 NO SPEAKER \$9.95 " COMMERCIAL " \$12.95 CONDITION USED SERVE



REGULATED 48V 5A
 REGULATED SOLID STATE POWER SUPPLY; OUTPUT: 48V. 5 AMPS. INPUT: 115 VAC 60 HZ. TRANSISTOR DEVICES MODEL SPS 828. SIZE: 16 1/2 x 8 1/2 x 3 1/2, SHFG. WT: 25 LBS PRICE: UNUSED, \$69.50



AUTO-RACE PACK BY VARNEY TWO 14 VDC 600 MA. SECONDARIES MAKE THIS IDEAL FOR A SMALL BENCH POWER SUPPLY WITH THE ADDITION OF A REGULATOR AND FILTER. INCLUDES TRANSFORMER COVER, SWITCH, 5 1/2 FT. LINE CORD. 5x3 1/2 x 2 1/2 WT: 3 LBS. \$2.95

MAGNET FROM MAGNETRON TUBE L3110-A DOUGHNUT SHAPED MAGNET 6x6x3, WITH CUT-OUTS ON EACH SIDE, WAVEGUIDE OUT LET 2x3 1/2, GOLD PLATED, ASSY: WT 10 LB NOT SOLD AS USEABLE TUBE. \$15 0-444/ALT-6B OSCILLATOR W/ABOVE TUBE & 27VDC AIR PUMP. 3000-4000MHZ. \$25.

STEPPING SWITCHES				
STOCK NO.	POS.	DECK	VDC	PRICE
7709181-IP3	25	10	24	\$9.95
7709181-P6	25	9	24	8.95
7709181-P1	26	9	24	9.50
H77256	26	4	24	5.95
B215238 NEW	26	10	24	12.95
A202763	10	6	36-48	5.95
A29656	25	10	36-48	8.95
917722	24	8	30	5.95
289281 NEW	26	2	12	9.95
SW8BDC	25	10	28	8.95
A320750	20	8	115	9.95

ROTARY SELENOID RELAY
4 WAFER
6 POLE
5 POSITI
48 VDC
3x1x1 1/2. 5945-710-4536 \$4.

TELEPHONE TYPE



RELAY 4PST NORMALLY OFF 12 VDC GR204-BC-966A 1x1x1 1/2x3 3380-557180-7435 \$1.00
6PST 50 VDC 1/2 A. COIL 250 OHMS 50 VDC 39 MA. OPERAT. 4x1x1 1/2; 4C8400-26 \$1.00
1PDT & 3PST 50 VDC 2 A. OPER. 46 VDC 38 MA 1200OHM 4x2x1 1/2; 4C7737-62 \$1.00
RELAY 200 VDC 135 MA, ONE COIL 1100 OHM, OTHER 1200 OHM, CONTACTS 2PDT, 6PST-NO 1PST-NC#5945-259-4275 \$1.
5000 OHM COIL, 110 VDC, 4PDT HEAVY CONTACTS, DOX187T \$2.230 OHM, 24VDC, 4PDT SAME AS ABOVE, 2x2x1 1/2, DOX137T \$1.50
115 VAC OPEN FRAME RELAY 3PDT 10 AMP. CONTACTS. 1x1x1 1/2x2 1/2. ALLIED LAC-3A #5945-225-8616 NEW \$4.95
SEALED RELAYS 24 VDC 3 A. CONT. VARIOUS MFG. ROUND, OBLONG OR SQUARE, WIRE OR PLUG-IN. SORRY NO CHOICE.

1PDT CWS571981 USED .35
1PDT #5703-34 " .40
2PDT #5709-7H " .45
3PDT #55467 " .50
4PDT #54428 " .55
6PST #56469 " .60

POTTER & BRUMFIELD 12 PIN PLUG-IN PLASTIC COVERED 12 VAC 2PST, SIZE 1 1/2x2 1/2x2 1/2 #82-70-5130 75¢



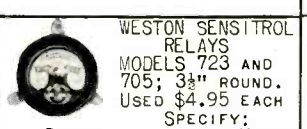
12 VDC RELAY, DPST, NORMALLY OPEN, 67 OHMS, 2x3 1/2x 1 1/2; # SW-182 USED 50¢

RELAY 6V D 1x1x1 1/2x1 1/2x1 1/2 41F 500S-SIL \$1.50
PLATE RELAY 10,000 OHMS. CONTACTS 115 VAC @ 5 AMPS 1x1x1 1/2x1 1/2x1 1/2 #R73P-3189 \$1.50

FIVE ASSORTED RELAYS \$1.00

SUCH AS SEALED, OPEN FRAME, TELEPHONE ETC. MAY BE 6, 12, 24 OR 48 VOLTS. \$1.00

INTERVAL TIMER ASSEMBLY RELAY TIME DELAY 5 MIN. RESET DELAY 100 SEC. MOTOR VOLTAGE 120V 400 CPS CLUTCH VOLTAGE 28 VDC. ALLIED CONTROL UNIT; 115V 400 CPS, CONT. 2A-29VDC AND 24V 4PDT RELAY. 5LBS. #SS 19180 \$2.95



WESTON SENSITROL RELAYS MODELS 723 AND 705; 3 1/2" ROUND. USED \$4.95 EACH SPECIFY:
RANGE MODEL
80% TO 120% VOLTS DC 723
90% TO 110% VDC 723
95% TO 105% VDC 723
110% TO 100% VOLTS AC 705
100% TO 90% VAC 705
.9 TO 1.1 MILLIAMPS 723

SILICON RECTIFIER

POWER TESTED AT 1 MA MAX. LEAKAGE

1 AMP. (TOP HAT)	
50-200 PIV \$.10
200-400 "	.15
400-600 "	.25
600-800 "	.35
800- "	.45
1000 "	.55

5 AMP. (STUD)	
200-400 PIV	.50
400-600 "	.60
700 "	1.00
800 "	1.20
1000 "	1.75

INI347 6 AMP. 500 PVI (GOLD)	1.50
35 AMP. (STUD)	
50 V	1.50
100 V	1.75
200 V	2.10
300 V	2.40
400 V	2.25
500 V	2.50
600 V	3.00
900 V	4.00

DIMMER CONTROL
Type A-4 667498
150 OHM 50 WATT
2 1/2 MTG. HOLES,
W/KNOB 2 LBS.
MATCHING PLUG \$1

RHEOSTAT

OTHER VALUES IN STOCK WRITE FOR YOUR NEEDS

STK#	WATTS	OHMS	PRICE
24609	25	5	.60
9547	25	100	.75
88396	25	125	.60
6102	25	150	.60
34J228	25	400	.60
140223	25	600	.75
057-65	25	1000	.60
FD252KK	25	2500	.75
35211	25	3000	.60
P6850	50	1.5	1.00
41132	50	7.5	.85
2954	50	15	.85
15822	50	17	.85
850-30	DUAL 50	30	1.85
34611	50	29.7	.85
3779	50	35	1.00
PR-50	50	100	.85
2896	50	200	1.00
5055	50	225	.85
251KK	50	250	.85
4041	50	400	.85
689	50	1000	.85
6452	100	200	1.40
3300-8	100	350	1.40
KS-8178	100	3500	1.40
6938	150	3	3.25
5R0KK	150	5	3.25
L-350	150	35	3.25
W1525	150	25	3.25
D150/350	150	350	3.25
5638	150	750	3.25
H-300	300	20	9.00
RP-351	300	500	5.95

RHEOSTAT CONTROL UNIT FOR HEATED CLOTHING; 100 WATT 5.75 OHM RHEOSTAT MOUNTED IN CONTROL BOX WITH INDICATOR KNOB ALSO ON/OFF SWITCH & DUAL LOCKING TYPE SOCKETS FOR INPUT AND CONTROLLED OUTPUT VOLTAGES. SIZE: 5x4x2; WT: 3 LBS. TYPE C-IC UNUSED \$2.95

BK-27A TELETYPE RELAY USED W/BD-100 SWITCHBOARD UNIT HAS 2 RELAYS W/DUAL COILS 150 OHMS EACH W/IDIA CONTACTS THAT CAN BE ADJUSTED FROM INSIDE AND OUTSIDE OF THE BOX FOR EAST WEST TRANS. CONTROL. NEW SIZE: 6x4x3 1/2; 4 LB. \$3.95

CRYSTALS

465 Kc CRYSTAL, RESONATOR TYPE FILTER AS USED IN BC-794, BC-1004 ETC. \$1.50
200 Kc CRYSTAL IN OCTAL TYPE TUBE HOLDER \$3.50
CRYSTALS: FT-241-243 21-39 Mc. F/BC-604-684-620-659 NO CHOICE FREQ. 5 FOR \$1.00

JK-02 CRYSTAL OVEN FOR CR-26 CRYSTALS, OPERATES FROM 6.3-24.2 V. AC/DC, OCTAL BASE. MOTOROLA #25B1001 FOR ONE CRYSTAL AS USED IN R-394-257 RECEIVERS. \$1.95
MOTOROLA #25B1003 FOR TWO CRYSTALS AS USED IN T-278-208 ETC. TRANSMITTERS \$2.50
CRYSTAL DIODES IN-21 IN-32 \$1.00 EACH 6 FOR \$5.00

FREQUENCY METER CRYSTALS 1000 KC. OCTAL PLUG-IN FOR LM/BC-221/TS-323. WIRING TO SOCKET MAY HAVE TO BE CHANGED. REMOVED \$12

CIRCUIT BREAKER



AIRCRAFT BAT HANDLE TYPE LUMINOUS TIP 24 TO 30 VDC
STK# AMPS. PRICE
875TK4 10 " .50
AN-3160 15 " .75
AN-3160 20 " .75

AIRCRAFT PUSH BUTTON TYPE 24 TO 30 VDC
AN-3161 5 .75
AN-3161 10 .75
AN-3161 15 .75
PM-40 40 .75
AN-3161 50 .75

3H900-35-6 14.6 VDC 35 AMPS SIZE 3 1/2x2 1/2x1 1/2 \$1.50

HEINMANN # AM12HK 12 VDC 4 AMP. 2 1/2x1 1/2x2 1/2 #3050229 \$1.25

HEINMANN #JA2-AB-A 240 VAC HOLD 17A TRIP 21.25A \$2.00

115 v. 60 CYC SIZE 2 1/2x2 1/2x2 1/2 CAT#AM12HK 1.5 AMP \$1.00

" AM12RSK 20.0 " 1.00
115 v. 60 CYC SIZE 3 1/2x1x2 1/2

3H900-1.25 1 1/2 " 1.00
3H900-3-2 3 " 1.00
AM2511M6-115 3.7AMP \$1.00

SQUARE "D" CIRCUIT BREAKER TYPE MO-4 "PLUG-IN" OR CAN BE MODIFIED FOR DIRECT WIRING. FOUR (4) 20 A. CIRCUITS 115 VOLT 60 CYCLE SIZE: 4 1/2x2 1/2x2 1/2; WT: 8 OZ. CAT# M048222 PRICE: \$1.95

MANUALS

\$3.00 EACH \$5.00 EACH
BC-191 BC-312-BC-342
BC-375 BC-603-BC-604
PP-867-868 BC-652-BC-653
869 BC-683-BC-684
PP-281-282 BC-659
494 BC-1000
PP-846 BC-1335
PP-804 PP-804
TCS-12 \$12 PP-109-112

\$7.50 EACH PRS-3
BC-669/110 1-49
BC-1306/237 1-72G-H-1-K
PP-351 1-129B
PP-638 1-208
1-208
TS-352

R-48/T-30 BC-221AH ONLY
T-14/R-19 HALLICRAFTERS
TS-175 S-20R SX-28
BC-221/211 NATIONAL
BC-779 NC-100 HRO
HALLICRAF S36

EE-94 & 95 CONTAINS TG-34
RD-60-V0-3-BD-114 ETC \$7.50

FGC-20 & 21 CONTAINS TT-98
TT-99-TT-100 & PP-978 \$10

MOTOROLA FST-250, FMR-13,
FMT-25A, P-8028, FMT-30 \$7.50

AN/GRC 10, 39, 40 COVERS REC.
R-125, T-235, C-632 ETC \$8.50

AN/GRC 10, 39, 40 COVERS REC.
R-125, T-235, C-632 ETC \$8.50

SCHEMATICS \$1.00 EACH

BC#SERIES 923/924/603/604/
652/653/624/625/224/348/
659/620/645/669/733/745/
778/779/683/684/929/1206/
1306/1016/

"R" SERIES 48/77/122/320/
28/316/257/394/105
T-23/T-67/RT-91/RT-58/RT-7,
SCR-625/PE-237/PE-110/TBY/
RAX-1, 2 OR 3/ANB/FMR-13/
ARR-2/TCS-REC OR TRANS/
ART-13/MN-26/
COMMAND SERIES 274 OR ARC5

OTHER MANUALS & SCHEMATICS AVAILABLE, TELL US YOUR REQ

ARRL BOOKS

RADIO AMATEURS HANDBOOK \$7.50
RADIO AMATEURS OPERATING GUIDE \$4.00
COURSE IN RADIO FUNDAMENTALS \$3.00
ARRL ELECTRONIC DATA BOOK \$4.00
UNDERSTANDING AMATEUR RADIO \$4.00
LICENSE MANUAL \$1.50
HINTS & KINKS \$2.00
SPECIALIZED COMMUN. \$3.00
V.H.F. MANUAL \$4.00
S.S.B. MANUAL \$4.00
ANTENNA MANUAL \$4.00
FM & REPEATERS MAN. \$4.00

SURPLUS BOOKS

U.S. ARMOR COMMUNICATIONS ELECTRONICS DATA (BOOK) ST 24-18-1 JULY 1973 \$3
SHOWS AND DESCRIBES VARIOUS EQUIP. IN USE AT THE TIME.
CQ SURPLUS CONVERSION HAND BOOK INCL. COMM. SETS \$4.50
RTTY FROM A TO Z \$5.00
NEW RTTY HANDBOOK \$3.95

MIXER AMPLIFIER WITH TUBES 3/6247CK & 3/5703 WA 3/DELAY LINES, 2 MIC-SEC. TAPPED MICRO-SE

ALSO T7 RES. CAPACITORS ETC. SIZE: 8x7x2 1/2; 5LB. #015 \$5.00

MANUALS

ABBREVIATIONS: H.M.I. HANDBOOK OF MAINTENANCE INSTRUCTIONS/O.I. OPERATING INSTRUCTIONS/N.S. NO SCHEMATICS/I.B. INSTRUCTION BOOK/W.S. WITH SCHEMATICS.

ARC-27/ARC-55 O.I./N.S. \$3.00
ARC-44 I.B./W.S. \$10.00
ARC-60 I.B./W.S. 8.50
ARN-12 I.B./W.S. 5.00
ARN-30 O.I./N.S. 3.00
ARN-59 O.I./N.S. 3.00
ART-13 TRANSMITTER REPRODUCTION ONLY, OPERATING SCHEMATICS, MAINTEN. \$10

AN/GRC 3-8, VRC-13-15, VRC 16-18 COVER ALL OF THE SAME TYPE EQUIPMENT I.B./WS \$8.50
GRC-9 I.B./W.S. 8.50
GRC-19 I.B./W.S. 8.50
GRC-26 I.B./W.S. 8.50
GRR-5 I.B./W.S. 7.50
PRC-6 I.B./W.S. 7.50
PRC-9A-10A I.B./W.S. 7.50
VRC-19 I.B./W.S. 8.50

w/R-394/T-278/DY-93 98-100/PP-867-8-9

RT-67-68-69 I.B./W.S. \$5.00
RT-70 I.B./W.S. 5.00
R-108-109-110 " " 7.50
R-274 I.B./W.S. 10.00
R-390A I.B./W.S. 12.00
R-392 I.B./W.S. 10.00
R-394 I.B./W.S. 7.50
R-140 I.B./W.S. 7.50
R-257 I.B./W.S. 7.50
T-278 I.B./W.S. 7.50
T-368 I.B./W.S. 8.50
T-208-417 I.B./W.S. 8.50
DY-93-98-100 " " 3.00

ARC TYPE 12 RADIO SET COVERS R-10-11-15-19 T-11-13 & ACCESSORIES SIMILAR R-508-509-R-22 AND OTHERS. H.M.I./W.S. CV-431/R-508 ARC-60 8.50

R-220 RECEIVER 8.50
SPN-11 RADAR SET 8.50
TPS-1 RADAR SET 15.00
TV-7/U TUBE CHECKER 7.50
TG-34 KEYS 7.50
FR-5/URM-80 TEST SET 8.50
TS-172 TEST SET 8.50
TS-148/UPM-33 " 8.50
AN/URC-14 RADIO SET 7.50
GRC-10 " 8.50
CV-278 OPERATORS MAN. 5.00
GSA-7 " 5.00
ME-26 MULTIMETER 8.50
GRC-39/40/87 OPERATORS MANUAL 8.50

ANTENNA CHANGE-OVER RELAY 6 V.D.C. SWITCHES BCN TO SUB-MINIATURE COAX. SPDT. 2 1/2x1 1/2x1 1/2; 4 OZ. #3380-511125-1125 \$2.95

ARC-12 ANTENNA CHANGE-OVER RELAY BNC CONNECTORS FOR EQUIP. UG-23-UG-21 F/ANT. REGULAR & AUX ANT. CONN. 24 VDC RELAY. W/BNC CABLES. \$2.75

UG-21 ANTENNA CONN. \$7.75

ANTENNA CHANGE-OVER RELAY, 6-24 VDC 16 OHM COIL, RE-MOVED FROM EQUIPMENT SIZE: 3x2x1; 1 LB.

PRICE WITH TWO UG-88 COAX. CONNECTORS... \$2.50

FIRE DETECTOR PHOTOELECTRIC RESISTANCE TYPE 1.5 MEG. MAX DECREASES WITH INTENSITY OF LIGHT. #6340-651-6213 SIZE 1 1/2x3 \$2.95

ANTENNA CHANGE-OVER RELAY, 6-24 VDC 16 OHM COIL, RE-MOVED FROM EQUIPMENT SIZE: 3x2x1; 1 LB.

PRICE WITH TWO UG-88 COAX. CONNECTORS... \$2.50

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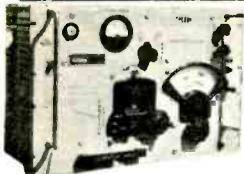
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ANTENNA CHANGE-OVER RELAY, 6-24 VDC 16 OHM COIL, RE-MOVED FROM EQUIPMENT SIZE: 3x2x1; 1 LB.

PRICE WITH TWO UG-88 COAX. CONNECTORS... \$2.50

FIRE DETECTOR PHOTOELECTRIC RESISTANCE TYPE 1.5 MEG. MAX DECREASES WITH INTENSITY OF LIGHT. #6340-651-6213 SIZE 1 1/2x3 \$2.95

FR-5 FREQUENCY METER



FR-5/URM-80 FREQUENCY METER, COVERS 10 TO 100 MHZ IN BANDS OF 10-21.7 MHZ, 21.7-46.7 MHZ, AND 46.7-100 MHZ. USES VARIABLE-TUNED INTERPOLATION OSCILLATOR PLUS A FIXED HARMONIC OSCILLATOR TO DETERMINE AN UNKNOWN FREQUENCY. AUDIO OUTPUT: 1 MW INTO 600 OHMS. RF INPUT IMPEDANCE: 100 OHMS. POWER REQUIRED: 115/230 VAC 50-1000 HZ. SIZE: 12 1/2 x 19 x 15, SHPG. WT: 95 LBS. USED, REPARABLE, \$75.00; CHECKED, \$105.00 MANUAL F/FR-5, \$8.50

FR-4/URM-79 FREQUENCY METER, 100 KHZ TO 20 MHZ IN SEVEN BANDS. USES INTERPOLATION OSCILLATOR AND OSCILLOSCOPE (2BP1 CRT) TO HELP DETERMINE UNKNOWN FREQUENCY. POWER REQUIRED: 115/230 VAC 50-1000 HZ. SIZE: 15 x 19 x 18, SHPG. WT: 100 LBS. USED, REPARABLE, \$65.00

AUDIO OSCILLATOR

TS-382* AUDIO OSCILLATOR, 20 HZ TO 20 KHZ IN FOUR BANDS. OUTPUT: 0 TO 10 VOLTS ACROSS 1000 OHMS. WITH BUILT-IN 60 AND 400 HZ REED FREQUENCY METER. SIZE: 10 x 12 1/2 x 10 1/2, SHPG. WT: 50 LBS. NET: 45 LBS. PRICE: USED, REPARABLE, \$49.50. CHECKED, \$65.



TS-382F AUDIO OSCILLATOR, MOST RECENT VERSION TS-382. USED, REPARABLE, \$60. CHECKED, \$75. TRANSIT CASE F/TS-382F, USED, \$10.00.

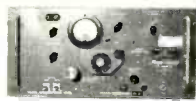
SWEEP GENERATOR



AN/TRM-3 SWEEP GENERATOR PROVIDES CW, AM, OR FM SIGNALS HAVING BAND WIDTHS FROM 600 KHZ TO 160 MHZ AT CENTER FREQUENCIES IN THE RANGE 15 TO 400 MHZ. USED TO TEST, CALIBRATE AND ALIGN RF TUNED CIRCUITS. RF OUTPUT 0.1 VOLT TO .1 VOLT INTO 50 OHMS. FREQ. MARKER SPACINGS 0.2, 1.5, 20MHZ, FM SWEEP DEVIATION -2% TO -20% OF CENTER FREQUENCY, STEP TYPE VERTICAL ATTENUATOR 0 TO 60 DB IN SEVEN RANGES. POWER REQUIRED 103 TO 126 VOLTS 50-1000 HZ. SIZE 17 x 17 x 13 SHPG WT: 120 LBS USED REPARABLE \$300.00 USED CHECKED \$375.00

FLUKE 803R DC-AC DIFFERENTIAL VOLTMETER, MEASURE 0-500 VOLTS DC OR AC. DECADE-TYPE NULL RANGE SELECTOR 10, 1, .1, OR .01 DC AND AC. CONVERTER FREQUENCY 30 HZ TO 50 HZ. POWER REQ. 115 V. 60 HZ 19 1/2 x 8 1/2 x 1 7/8; 40 LBS. USED REPARABLE, \$95.00

SG-92 SWEEP GENERATOR, 50KHZ-1000MHZ SWEEP RANGE 0-30MHZ MAX. SWEEP RATE 50-100 HZ CAN BE SYNCHRONIZED AT 60 HZ. SWEEP OUTPUT UP TO 20 V. RF OUTPUT IMPEDANCE 50 OHMS. RF OUTPUT HIGH 100MV, LOW 5 MV. USES MICROMETER TYPE FREQUENCY READOUT. TUBES 0D3, 6Y6, 5U4, 6AC7, 6SN7, 6SL7, 2D21, 6C4, 2/2K25. POWER REQUIRED 105-125V 50-60HZ. SIZE 19 1/2 x 9 x 17. SH WT 45 LB USED REPARABLE, GOOD 2K25'S \$60.00 OLDER STYLE OF ABOVE, 10x12x17. SH WT 40 LBS USED REPARABLE, GOOD 2K25'S \$45.00



20 KHZ TO 50 KHZ



ML-71C/FCC AUDIO LEVEL METER COVERING FREQUENCIES FROM 20 KHZ TO 500 KHZ, CONTINUOUSLY TUNEABLE. AS SELECTIVE DETECTOR, THIS UNIT MEASURES RF CARRIER ACROSS A 135 OHM BALANCED OR 600 OHM UNBALANCED LINE. VARIABLE ATTENUATOR PROVIDES INPUT SENSITIVITIES FROM -70 TO +42 DBM, INDICATED ON 3 1/2" RD. METER. INCLUDES 100 KHZ CALIBRATOR. INPUT IMPEDANCE: 10,000 OHMS. WITH AUDIO GAIN AND TWO PHONE JACKS. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 17x14x9. SHPG. WT: 40 LB PRICES: USED REPARABLE \$50.00 OPERATIONAL \$79.50 MANUAL REPRODUCTION \$7.50



BOONTON 207H UNIVERT-ER, ADDS THE FREQUENCY RANGE OF 100 KHZ TO 50 MHZ AM-FM TO THE BOONTON 202H SIGNAL GENERATOR. RF OUTPUT: 0.1 TO 1 V. AND 1 MV. TO 0.01 V. POWER REQUIRED: 115/230 VAC 50-400 HZ. USED, REPARABLE, \$125.00

BOONTON 207E UNIVERTER, SIMILAR FUNCTION AS THE H MODEL WHEN USED WITH THE OLDER VERSION 202B GENERATOR. USED, \$65.00

HEWLETT-PACKARD 400C AC VACUUM TUBE VOLTMETER, MEASURES FROM 1 MV TO 300 VOLTS AC IN TWELVE RANGES. FREQ. RESPONSE: 20 HZ TO 2 MHZ. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 7x7x9, WT: 14 LBS. USED, REPARABLE, \$35.



TV-7/U ELECTRON TUBE TESTER, DYNAMIC MUTUAL CONDUCTANCE TYPE USED TO TEST AND MEASURE THE PERFORMANCE CAPABILITIES & TO DETERMINE THE REJECT-LIMITS FOR TUBES USED IN RECEIVERS, LOW POWER TRANS. AND OTHER TYPES OF ELECTRONIC EQUIPMENT. TESTS ARE MADE FOR DYNAMIC MUTUAL CONDUCTANCE, EMISSIONS, SHORTS, GAS, NOISE, CONT. PILOT LITES ETC. TEST SOCKETS ARE FOR LOCAL, OCTAL, 4,5,6,7 PIN, NORVAL 9,7 PIN MINIATURE, SUB-MIN. RD. FLAT, ACORN ETC. ADAPTERS FOR OTHER TYPES ARE LISTED BELOW. POWER REQ. 115 V 50 TO 1000 CYC. TUBE DATA CHART ALSO 7 & 9 PIN TUBE PIN STRAIGHTENERS.

SIZE 6 1/2 x 8 1/2 x 1 5/8; WT. 20 LBS PRICES: USED REPARABLE \$29.95 CHECKED \$39.95 ADAPTERS F/2C39 \$5, 829/832 \$5. MIN LG LD \$3

400 TO 1000 MHZ



TS-418/U SIGNAL GENERATOR, 400 TO 1000 MHZ IN ONE BAND. GENERATES AM, CW OR PULSED CARRIER. OUTPUT VOLTAGE 0.2 TO 200,000 U-VOLTS INTO 50 OHMS. INTERNAL AND EXTERNAL MODULATION 40 TO 4000 HZ. EXTERNAL MOD. PEAK PULSE AMPLITUDE 40 TO 70 VOLTS; PULSE WIDTH 0.5 TO 20 U-SEC; POSITIVE OR NEGATIVE PULSE OR SINE WAVE SYNCH. INPUT IMPEDANCE: 10,000 OHMS SHUNTED BY 115 UUF; OUTPUT IMPED.: 50 OHMS. POWER REQUIRED: 115 VAC 50 TO 1600 HZ SIZE: 12 1/2 x 17 1/2 x 13 1/2 SHPG. WT: 80 LBS. PRICE: USED, REPARABLE \$95.00 USED, CHECKED \$120.00

NOISE GENERATOR



RG-52 MICROWAVE MEGATRON NOISE GENERATOR WITH POWER SUPPLY, USED FOR THE MEASUREMENT OF NOISE FIGURE OR RECEIVER GAIN AND FOR THE CALIBRATION OF STANDARD SIGNAL SOURCES. FLUORESCENT GAS TUBE GIVES 8200 MHZ TO 12400 MHZ FREQUENCY RANGE. HAS THERMOMETER ATTACHED TO AID IN ADJUSTING THE WAVEGUIDE. THE NOISE POWER OUTPUT IS 15.8 DB. WITH AN MOUNTING FLANGE UG-39/U. POWER SUPPLY INPUT 115V. 50-60 HZ. WAVEGUIDE SIZE: 16x5 1/2 x 1 1/2 WT: 2 1/2 LBS. POWER SUPPLY SIZE: 11 1/2 x 7 x 7 WT: 15 LBS. PRICE: WAVEGUIDE W/POWER SUPPLY, UNUSED \$25.

TS-170/ARN-5 TEST OSCILLATOR USED FOR PRE-FLIGHT CHECKING OF GLIDE PATH RECEIVERS SENSITIVITY AND AUDIO CHANNELS. CRYSTAL CONTROLLED ON THREE PRESELECTED FREQ. 332.6, 333.8, 335 MC. MODULATION FREQ. 90 & 150 CYC. METER IS 2" 0-1 DC MILLIAMETER. BATTERIES REQUIRED 2/1.5 VDC AND 2/45 VDC. WT: 29 LBS. SIZE: 12x16x12; USED \$29.95

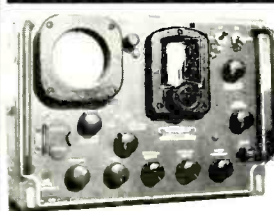


AN/URM-32 FREQUENCY METER: 125 KC TO 1000 MC IN THREE RANGES, CAN ALSO BE USED AS A SIGNAL GENERATOR WHICH PROVIDES A CHOICE OF MODULATED OR UNMODULATED SIGNALS FOR TESTING AND CALI-

BRATING RADIO EQUIPMENT. SENSITIVITY WITH AN RF OUTPUT OF .05 MW MINIMUM IS OBTAINED. ACCURACY .01%, RF 100 UV MINIMUM ACROSS EXTERNAL 50 OHM RESISTIVE LOAD. FIVE TUBE HETERODYNE TYPE, POWER REQ. 6 VDC 1 AMP. 180 VDC 25 MA., DRY BATTERY OR AC SUPPLY CAN BE USED. METER IS USED TO READ P.S. VOLTAGES. W/CALIBRATION BOOK SIZE: 13 1/2 x 12 x 13 1/2; WT: 29 LBS.

PRICE USED REPARABLE \$69.95 CHECKED \$95.00 PP-1243 POWER SUPPLY F/URM-32 \$24.95

TS-148 SPECTRUM ANALYZER



TS-148/UP SPECTRUM ANALYZER; 8470 TO 9630 MHZ. PROVIDES VISUAL INDICATION OF RF OSCILLATOR SPECTRA. MAY ALSO BE USED TO MEASURE FREQUENCIES OF RESONANT CAVITIES, ECHO BOXES, MAGNETRONS AND LOCAL OSCILLATORS IN FREQ. RANGE. RECEIVES CW AND PULSED; TRANSMITS CW AND FM CARRIER WAVE. CONTINUOUSLY VARIABLE SWEEP FREQ. FROM 10 TO 30 CYCLES. MAX. SPECTRA DISPERSION 1.5 MHZ PER INCH. SENSITIVITY TO CW (SPECTRUM AMPLIFIED POSITION) -80 DB BELOW 1 WATT/IN. DEFLECTION; SENSITIVITY TO CW (SPECTRUM POS.) 55 DB BELOW 1 WATT/IN. DEFLECTION. ONE MILLIWATT POWER OUTPUT. WITH FREQ. METER, FREQ.-SWEEP RF OSCILLATOR, CRYSTAL MIXER, NARROW BAND I-F

WITH TUBES 2K25, 2X2, 3BP1, 5R4, 6AC7, 6SA7, 6Y6, 3/6SJ7, 3/6SN7, 884 & 4/991. Pow. Req. 115V 60C SIZE: 19 x 13 x 25; WT: 45 LBS.

TS-148/UP SPECTRUM ANALYZER ONLY USED \$50

AN/UPM-33 CONSISTING OF TS-148/UP DESCRIBED ABOVE, PLUS WAVEGUIDES, HORN ANT, CABLE, MANUAL ETC. USED \$75.00

KLYSTRON POWER SUPPLY



GENERAL MICROWAVE MODEL 303 KLYSTRON POWER SUPPLY; BEAM VOLTAGE VARIABLE FROM -250 TO -400 VOLTS AT 30 TO 50 MA. MAXIMUM. REFLECTOR VOLTAGE VARIABLE FROM 0 TO -900 VOLTS @ 10 UA. REFLECTOR VOLTAGE INTERNALLY MODULATED AT

1000 HZ SQUARE WAVES ADJUSTABLE UP TO 110 VOLTS PEAK TO PEAK. EXTERNAL MODULATION VIA FRONT PANEL TERMINAL, 100,000 OHM IMPEDANCE. SINUSOIDAL POWERLINE FREQUENCY, VARIABLE FROM 0 TO 350 VOLTS PEAK TO PEAK. POWER REQUIRED: 115 VAC 50/60 HZ. SIZE: 11 1/2 x 13 x 7 1/2 SHPG. WT: 25 LBS. WITH MANUAL (NO SCHEMATIC). PRICE: UNUSED \$45.00

SPECTRUM ANALYZER



TS-723-C SPECTRUM ANALYZER USED TO MEASURE HARMONIC DISTORTION AND NOISE LEVEL IN AUDIO AMPLIFIERS. MEASUREMENTS ARE MADE IN PERCENTAGE OR DECIBELS AND NOISE IS MEASURED IN RMS OR DB VALUES REFERRED TO 1 MW ACROSS 600 OHMS (DBM). THE SPECTRUM ANALYZER CAN ALSO BE USED AS AN AC VACUUM TUBE VOLTMETER FREQ 20-20KHZ, DISTORTION LEVELS AS LOW AS 0.3% FULL SCALE. INPUT IMPEDANCE 200,00 OHMS 40 MMF SHUNT. METER RANGES: 0.03 0.1, 0.3, 1, 3, 10, 30, 100, 300 RMS VOLTS DB -30, -20, -10, 0, +10, +20, +30, +40, AND +50 VTVM FREQ RANGE 10 TO 100KHZ, VTVM INPUT IMPEDANCE 1 MEGOHM POWER REQUIRED 115/230 VOLTS 50-1000 HZ TUBES 6H6, 3/6AC7, 2/6J5, 0D3, 4/6SJ7, 5Y3, 6Y6, 19" RACK MOUNT 10 1/2 x 12" SHPG WT: 50 LBS. USED REPARABLE \$200.00 USED CHECKED \$250.00

AUDIO AMPLIFIER

AM-864/U AUDIO FREQUENCY AMPLIFIER IS A PEAK-LIMITING UNIT FOR AM AND FM BROADCAST OPERATIONS. MAY ALSO BE USED IN RECORDING AND SOUND SYSTEMS REQUIRING AUTOMATIC REGULATION OF PROGRAM LEVEL. INPUT AND OUTPUT IMPEDANCE BOTH 600 OHMS CT. GAIN: 36 DB (MAX.) POWER OUTPUT: 6 MW INTO 600 OHMS. DISTORTION: LESS THAN 2% @ 400, 1000 & 5000 HZ. SPEED OF AUTOMATIC GAIN REDUCTION: 0.05 SECONDS; RECOVERY TIME: 2 SEC. NOISE LEVEL: 40 DB BELOW 6 MW. FREQ. RESPONSE: FLAT WITHIN 1 DB FROM 100 TO 5000 HZ. WITH TUBES 2/6SK7, 6SQ7, 6SN7, 5Y3. RACKMOUNT. POWER REQUIRED: 115/220 VAC 50-60 HZ. SIZE: 7x8x19; WT: 30 LBS. PRICE: RE-COND. \$24.95



AM-447 AUDIO FREQUENCY AMPLIFIER, VOLUME LIMITING TYPE, INSURES UNIFORM OUTPUT UNDER CONDITIONS WHERE THE RECEIVED SIGNAL LEVEL MAY VARY IN AMPLITUDE, ELIMINATING THE NEED FOR CONSTANTLY READJUSTING THE OUTPUT LEVEL. IT IS INTENDED TO BE USED RECEIVING EQUIPMENT, LINE AMPLIFIER OR AMPLIFY THE OUTPUT OF A MICROPHONE FOR MODULATING TRANSMITTING EQUIPMENT. INPUT IMPEDANCE 600 OHMS, OUTPUT IMPEDANCE 200 AND 600 OHMS, AUDIO INPUT: -10 DBM TO -10 DBM, FREQ. RESPONSE FLAT WITHIN 2 DB FROM 300 TO 3500 CPS.. GAIN: 34.8 DBM MAX. AUDIO OUTPUT 3 WATT HAS INPUT, OUTPUT AND PHONE JACKS ALSO VOLUME CONTROLS. WITH TUBES POWER REQUIRED 115 VOLT 50/60 CYCLE. SIZE: 7x12x14; (NO COVER WITH UNIT) WT: 23 LBS PRICE: USED SERVICEABLE \$8.95 TWO FOR \$15.00



STANDARD ELECTRIC TIMER; MEASURES TIME UP TO TEN MINUTES IN 0.01 SECOND INCREMENTS. HAS 115 VOLT 60 HZ. CLUTCH AND MANUAL RESET. #AVCO 300-400 SIZE: 5x4x6; 6 LBS. USED \$34.95

AMPLIFIERS

AM-142/AIC AMPLIFIER USED \$3.95
 AM-26/AIC AMPLIFIER USED 4.95
 NAVY/TCS AMPLIFIER UNUSED 7.95
 MD-2 SERVO AMPLIFIERS VARIOUS NO. USED 2.95

EE-89 TELEPHONE REPEATER AMPLIFIER 4.95
 GSC-TI CODE TRAINING KEY AMPLIFIER SETS 16.95
 TAPE PULLERS FOR CODE TAPES MX No. \$14.95

BC1323 AUDIO AMPLIFIER 3 CHANNEL \$6.95
 IC/VRV-7 WIRE RECORDER (NO AMPLIFIER) \$9.95
 C-974/FRR-33 SELECTOR CONTROL F/R-390 \$24.95
 C-975/URR RECEIVER CONTROL F/R-390 \$24.95
 TG-30 TELEGRAPH REPEATER OR TG-31 \$24.95
 AIRSPEED INDICATOR ID-168B/APA-44 \$9.95

RADIOSONDE

AN/AMT-2 RADIOSONDE, 403 MC FM. A SINGLE PACKAGE INSTRUMENT WHICH CARRIED BY A FREE BALOON, IS USED TO TRANSMIT METEOROLOGICAL INFORMATION TO A GROUND STATION. THE FREQUENCY MODULATION IS CONTROLLED BY A SENSOR MECHANISM CONTAINING ELEMENTS CONTROLLED BY PRESSURE, TEMPERATURE AND HUMIDITY TOGETHER WITH A COMMUTATOR ARRANGEMENT WHICH SETS UP A SEQUENCE OF SIGNALS. USES 2 TUBES AND REQUIRES 1.5, 6 & 115 VDC FOR OPERATION. W/ TUBES, LESS BATT. SIZE: 4x6x6; WT: 1 1/2 LB. PRICE: \$5.00

T-69F/AMT-2 RADIOSONDE TRANSMITTER ONLY. F-2 EMISSION (FM) 390 TO 410 MC RANGE WITH TUBES 5703 AND 5910. REQUIRES BB-208 DRY CELL BATTERIES (SOLD SEPARATE). SIZE: 6x5x2 1/2; WT: 2 LBS. \$1.50
 BB-208 DRY CELL BATTERY SET WT: 1 LB. \$1.29



NAVY TCS TRANSMITTER 1.5-12 MHZ A.M. 3 BANDS, 40 WATTS CW 20 WATTS PHONE, VFO, 4 CRYSTAL CONTROL PRE-SELECTED CHANNELS WITH TUBES 3/12A6 & 4/1625. VOLTAGES REQ. 12 VDC & 400 TO 440 VDC @ 200 MA.

SIZE: 11x11x13 1/2; WT: 4 LBS. PRICES: USED REPARABLE \$34.50 CHECKED \$44.50

NAVY TCS RECEIVER 1.5 TO 12 MHZ. A.M. IN 3 BANDS, CRYSTAL CONTROL ON 4 PRESET FREQ. IN THE FREQ. RANGE. CONTINUOUS TUNING OVER THE ENTIRE FREQ. RANGE. AUDIO OUTPUT 1.5 INTO A 500 OHM LOAD. WITH TUBES 3/12SK7, 1/12SA7, 1/12SQ7, 2/12A6. (VOLTAGES REQ. SIZE: 11x11x13 1/2; 37 LBS. (12VDC/220VDC) 100MA PRICES: USED REPARABLE \$25 USED CHECKED \$50



TCS ACCESSORIES
 REMOTE CONTROL BOX WITH SPEAKER USED \$ 9.95
 TRANS. ANT. LOADING UNIT USED 14.95
 DYNAMOTOR P.S. F/REC & TRANS. 12V 14.95
 REC. TO P.S. CABLE 2.75
 TRANS. TO P.S. CABLE 2.75
 CONTROL BOX TO P.S. CABLE 4.95
 CONNECTOR PLUGS FOR ANY OF UNITS, EACH 2.00
 MOUNTING BASE W/ SHOCK MOUNTS 4.75
 SHOCK MOUNTS ONLY EACH .75
 NOISE LIMITER CONVERSION KIT F/REC 3.00
 AC POWER SUPPLY 115 VOLT 60 HZ TRANS. 40.00
 REC. ONLY W/SPEAKER \$25. REC. & TRANS. 55.00
 FOR MORE INFORMATION PLEASE WRITE

RECEIVERS & TRANSMITTERS

LINK REC-TRANS. #5FRX 30-40 MHZ FM U. \$29.50
 LINK RECEIVER #1905 152-172 MHZ FM U. \$24.95
 LINK RECEIVER #11UFED6 30-50 " " U. \$24.95
 LINK RECEIVER # BC-499 20-28 " " U. \$18.95
 R-127 REC. 2 CHANNEL 162-174 " " U. \$14.95

MAB NAVY REC-TRANS. 2.3-4.5 MHZ AM U \$ 9.95
 DAV " " " 2.3-4.5 " " U \$12.95

T-193 TRANS. 30-40 MHZ FM 40 WATT UN \$14.95

BUDELMAN 142BW RECEIVER 840-940 MHZ \$100.00
 R-89/ARN-5 RECEIVER GLIDE PATH 332-335 \$9.95
 R-430/ARN-5 " " " " " " \$12.95
 R-122/ARN-12 " 75 MHZ \$9.95
 R-65/APN-9 LORAN RECEIVER \$65.00
 R-322/ARN-18 RECEIVER \$24.95
 ARR-45 RECEIVER 24 TO 51.9 MHZ. \$65.00
 COMCO MODEL 278 TRANS.-REC. 275 MHZ \$30.00
 RT-91/AHC-2 TRANS.-REC. 2-9.5 MHZ. \$50.00
 T-95/CRT-2 ROCKET TRANS. 1330-1850 KHZ \$24.95
 T-30/THC-8 TRANSMITTER 230-250 MHZ \$25.00
 TA-188B TRANS. 118-135.9 MHZ A.M. \$59.50

BC-1206 RECEIVER 200-400 KC, SOLD "AS-IS"
 BECAUSE IF COIL MAY BE OPEN, LESS TUBES \$2.95
 BC-733 RECEIVER 108.1-110.3 MHZ REPARABLE \$9
 PREVIOUS CATALOG'S WILL DESCRIBE ABOVE ITEMS.

DATA STORAGE UNIT



CV-2607/CG CONVERTER SIGNAL DATA STORAGE; TAPE DATA STORAGE UNIT USES EIGHT CHANNEL HEADS, ONE READ AND ONE WRITE TAPE STORED IN 14x12 1/2" MAGAZINE. SPROCKET-DRIVE HEADS HAS TWO SYNCHRONOUS STEPPING MOTORS @ 200

STEPS PER REVOLUTION. TWO SWING-OUT CIRCUIT CARD RACKS EACH HOLD FIFTEEN 6-3/8x5 1/2" CARDS. USES MOSTLY 2N404 TRANSISTORS, BUT ALSO SOME PLASTIC SILICON ONES. UNIT SETS IN RACKMOUNT CABINET WITH INTERIOR SLIDES AND MUFFIN FAN. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 19x10 1/2 x21 1/2. SHPG. WT: 115 LBS. UNUSED, \$59.95



GRAB BOX ASSORTMENT OF NEW & USED, USEABLE GOVERNMENT AND MANUFACTURERS SURPLUS ELECTRONIC ITEMS SUCH AS ASSEMBLIES, RESISTORS, CAPACITORS, MOTORS COILS, CHOKES, TRANSFORMERS, POT, CIRCUIT BOARDS, RELATED ITEMS. PACKED IN A CARTON OF 50 LBS. (THIS MAKES A GOOD FILLER TO MAKE THE MINIMUM WEIGHT REQUIRED FOR TRUCK SHIPMENTS OF 150 LB. CHARGE. GR-77 50 LBS. \$7.50 2 CTNS. 100 LBS. \$13.00

DIGITAL DISPLAY



DIGITAL DISPLAY: EACH UNIT WILL SHOW NUMBERS 0 TO 9 ALSO \$ SIGN 3-3/16" HIGH ON 3 1/2 x 4 SCREEN THAT CAN BE SEEN FOR QUITE A DISTANCE. OPERATES FROM 6.3 VAC. CAN BE ADAPTED FOR BASKETBALL FOUL INDICATOR BY PLACING ONE OVER EACH SCOREBOARD AND HAVE A CONTROL PANEL CONSISTING OF 5 SWITCHES AND TRANSFORMER AT THE SCORER'S TABLE. (WIRING DIAGRAM FURNISHED ON REQUEST) CAN ALSO BE ADAPTED FOR USE AS A MOVING READOUT BOARD. SIZE: 3 1/2 x 5 1/2 x 1 1/2; WT: 7 LBS. PRICES: \$3.95 EA. 3 FOR \$10.00

ID-229/APA-64 PULSE ANALYZER INDICATOR; WITH 2 1/2" METERS, 200 MICRO-AMP. SEALED TYPE SCALES READ PULSE WIDTH AND PULSE RATE FREQUENCY, ALSO SWITCHES 2/SPST, 1/MOM, 1/DPST, 1/DPDT CENTER OFF & 4/POTS. SIZE: 6 1/2 x 4 1/2 x 4 1/2; 5 LB. U \$4.95



CU-992/URR MULTI-ANTENNA COUPLER FOR USE IN THE 2 TO 32 MHZ RANGE, CAN BE USED WITH 6 RECEIVERS FROM ONE ANTENNA SYSTEM. WITH TUBES 8/6AH6, 2/OB2 & 1/5U4G. POWER REQ. 115 V. 60 HZ. T.M.C. #AMC-6 RACK MFG. 19 1/2 x 8 1/2 x 15; WT: 40 LBS. REPARABLE \$25



TV-2/U DYNAMIC MUTUAL CONDUCTANCE ELECTRONIC TUBE TESTER for portable use. Used to test and measure performance capabilities and to determine rejection limits for electron tubes used in receivers, low-powered transmitters and other electronic equipment. Has provisions for checking tubes up to 9 pins including acorn, noval, 7 pin trans., etc. Meters 2 1/2" for reading filament, grid, plate, screen, signal and transconductance (percent quality) which is 10,000 ohms per volt. All the important tests can be made on this unit and it will also test tubes under the actual operating conditions by setting the proper voltages that are indicated on the meters. Power required: 103 to 125V.; 50 to 1600 cycles. Size 173/4x16x8 1/2 shpg. wt: 45 lbs. Price: used reparable \$75.00 Chkd \$95.00

TV-2 PARTS: meters, sockets switches, transformers, etc. available. Write your needs.

DIGITAL DISPLAY



ID-953 DIGITAL DISPLAY; six Burroughs 8421 (B-5092) NIXIE. Amber-colored

filter; BEZEL marked hours, minutes, seconds. Has two Amphenol 57-40500 connectors (mates not available). With two spare 8421 NIXIE. 3 1/2" h x 4" d for standard rackmount. Price: Unused, \$39.95



CARRIER MONITOR: WHEN COUPLED TO AN ANTENNA TRANSMISSION LINE IT PROVIDES DIRECT CURRENT TO A REMOTE POSITION WHICH CAN BE USED AS AN INDICATION OF PROPER TRANSMISSION. THE OUTPUT AMPLITUDE IS PROPORTIONAL TO THE CURRENT FLOW IN THE TRANSMISSION LINE. INPUT IMPEDANCE 600 OHM, OUTPUT IMP. 600 OHM. OUTPUT LEVEL - 30DB FOR 100% MOD. INTO 600 OHM LINE. WITH TUBES 6X4, 6J6, 6AL5, V103. VOLTAGE REQ. 115/230V 60 CYC. OUTPUT JACKS AND CONTROLS ON FRONT PANEL. ALSO 2 VACUUM CAPACITORS 3M5FD 15 KV AND LEAD FOR CONNECTING TO 500 TO 50K WATT TRANSMITTER IN THE 2 TO MC. RANGE. UNIT ALSO HAS COVER. SIZE: 6x6x8 1/2; 15 LBS. #1028017 UNUSED \$4.95

RADIO TELEPHONE LINK



AN/TRC-47 RADIO SET IS PRIMARILY USED AS PART OF A 3 MILE SINGLE CHANNEL RADIO LINK IN A TWO WIRE TELEPHONE SYSTEM. A CONVERTER IS USED TO CONNECT THE TWO SYSTEMS. THE UNIT IS SINGLE CHANNEL AM CRYSTAL CONTROL FOR USE IN THE 132 TO 150 MC BAND AND REQUIRES 115 OR 230 VOL 50 TO 400 CYCLE FOR OPERATION. THE TRANSMITTER OUTPUT IS 7 WATTS AND COMES WITH TUBES 1 EA. 2E26, 5763, 5R4, 6AK6, 0A2 12AX7, 2 EA. 12AU7 & 6L6, TUNING METER & METERING SW. RECEPTOR HAS SPEAKER AND TUBES 1 EA. 12AT7, 6AQ5, 12AX7, 6AX5, 2 EA. 6BA6, 6J6, 0B2 & 4/6AK5... THE CONVERTER IS A COMBINED RINGING SIGNAL CONVERTER AND ELECTRONIC HYBRID NETWORK. IT CONVERTS A 20 CYCLE SIGNAL TO A 800 CYCLE AND 800 CYCLE FROM THE REC TO 20 CYCLE SO THE SIGNALS CAN BE TRANSMITTED AND ADAPTES TO TWO AND FOUR WIRE TEL. SYSTEMS. WITH TUBES 3 EA. 12AT7. 1 EA. 6AS6, 6AK6, 0B2, 2/0A2 & 3/6X4.

CABINET SIZE 21 1/2 x 14 1/2 x 22 1/2; SHPG. WT: 100 LBS. PRICES: USED SERVICEABLE \$59.50

RT-159/URC-4 RADIO RECEIVER-TRANSMITTER USED FOR GROUND TO AIR-CRAFT RESCUE WORK. VHF FREQ. 120-130 MC. UHF FREQ. 240-260 MC. CRYSTAL CONTROL TRANSMITTER, SUPER REGENERATIVE RECEIVER. DIPOLE COLLAPSIBLE ANTENNA AND COMB. MIC & EARPHONE ARE PART OF THE SET. WITH 8 TUBES 4/6050, 2/6147, 2E32, & 3Q4. BATTERY VOLTAGES REQUIRED 1.4 AND 90 VDC. UNITS USED SERVICEABLE.



RT-159/URC-4 RADIO RECEIVER-TRANSMITTER USED FOR GROUND TO AIR-CRAFT RESCUE WORK. VHF FREQ. 120-130 MC. UHF FREQ. 240-260 MC. CRYSTAL CONTROL TRANSMITTER, SUPER REGENERATIVE RECEIVER. DIPOLE COLLAPSIBLE ANTENNA AND COMB. MIC & EARPHONE ARE PART OF THE SET. WITH 8 TUBES 4/6050, 2/6147, 2E32, & 3Q4. BATTERY VOLTAGES REQUIRED 1.4 AND 90 VDC. UNITS USED SERVICEABLE.

URC-4 TEST SET, TS-684/URM-30 USED FOR ALIGNMENT AND TESTING RT-159 REC TRANS. CONTAINS 0-1 MA. METER, CRYSTAL OSC., METERING SW. ANTENNA, CABLE ETC. IN CASE SIZE 6x6x4. WITH INSTRUCTIONS IN THE COVER PRICE: NEW \$9.95

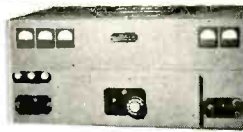
RT-285/URC-11 RECEIVER-TRANSMITTER SIMILAR TO URC-4 RESCUE UNIT FOR USE BETWEEN AIRCRAFT AND GROUND. UNIT IS SET FOR 243 MC. TELESCOPING ANT. REC.-TRANS-TONE SW. BUTTOI VOLTAGES REQ. 1.4 & 90 VDC. SAME AS URC-4 ALSO URC-4 TEST SET CAN BE USED; TS-684 SHOWN ON PAGE 16 SIZE: 3x1 1/2 x 4; WT: 1 1/2 LBS. PRICE: USED..... \$18.95

CRYSTAL CALIBRATOR WITH THREE SEPARATE OSCILLATORS AT 10 KHZ, 100 KHZ, AND 1000 KHZ. WORKS FROM 1 TO 30 MHZ ON 1000 KHZ OSCILLATOR; 100 KHZ TO 10.5 MHZ ON 100 KHZ; AND FROM 10 KHZ TO 10 MHZ ON 10 KHZ. ORIGINALLY DESIGNED FOR USE WITH NO. 19 MK III RECEIVER-TRANSMITTER. WITH CRYSTAL SELECTOR, CABLE, AND PLUG. POWER REQUIRED: 12 VDC @ 0.5 A. & 265 V. @ 2.5 MA. SIZE: 2x9 1/2 x 4 1/2; WT: 7 LBS. USED, \$12.95



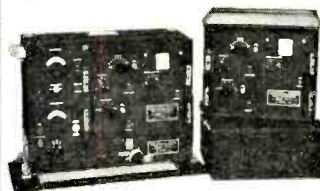
APX-6 R.F. HEAD A-403 P/O RF-29 WITH COUNTERS AND ANTENNA INPUT. USES TUBES 2C42, 2C46 & 1B40 8x8x3; WT: 6 LB. LESS TUBES \$4.95

R-425B/ARV-59 RECEIVER USED IN PILOT LESS AIRCRAFT IN THE 406 - 420 MC. F.M. BAND, 15 CHANNELS WITH A RESONANT AUDIO TONE OUTPUT IN THE FREQ. RANGE OF 7.5 TO 22.17 K.C. SENSITIVITY 5 MICROVOLTS WITH TUBES 8/5840, 5/5702, 6/5718, 2/5647, 1/5639 ALSO 2 CRYSTALS, 24 VDC BLOWER AND DYN. 24 VDC 2.3 A. OUTPUT 128 V. 205 MA. SIZE: 9x8x6; WT: 10 LBS. USED \$14.95



BC-1100 TRANSMITTER; 1.5 TO 10 MHZ, CRYSTAL CONTROL OR MO. ON ANY 4 PRESELECTED CHANNELS BY LOCAL OR REMOTE DIALING OR ON/OFF OPERATION 75 WATT C.W. 50 WATT PHONE. POWER REQ. 115/230 VOLT 50/60 CYCLE. WITH TUBES 2/6L6, 3/807, 1/VR-150, 1/5Z3 & 2/RK-60. MANUAL ONLY \$5.00 SIZE: 40x18x30; WT: SHPG. 411 LBS. NEW \$75.00

RM-40 REMOTE CONTROL & AMPLIFIER FOR ABOVE TRANSMITTER, HAS PULSE DIAL CIRCUITS THAT CAN BE USED TO OPERATE TRANS. OVER TELEPHONE LINES OR WIRE, MIC, AND PHONE AMP. AND LINE LEVEL METER. POWER REQ. 115/230 V. 50/60 CYC. WITH TUBES 2/6J5 & 1/80. SIZE: 10x14x13 1/2; WT: 50 LBS. NEW \$35.00 CARBON MICROPHONE \$7.95 MANUAL \$5.00



RC-223 TRANSMITTER, 25 WATT 2000 TO 5000 KHZ WITH THREE PLUG-IN TUNING UNITS. CRYSTAL CONTROL AND VARIABLE OSCILLATOR. FOUR PRESELECTED CHANNELS USING

FT-171 CRYSTAL HOLDERS. WITH TUBES 801 OSCILLATOR, 801 POWER AMP, 2/46 MODULATORS, 46 AUDIO AMP. 0-3 RF AMP AND 0-300 VDC METERS. VOLTAGE REQUIRED 12 OR 24 VDC AND 500 VDC @ 15G-200 MA. SIZE: 18x13x7 WT: 100 LBS. PRICE: W/TUBES, THREE TUNING UNITS, AND CASES FOR TWO TUNING UNITS, NEW \$19.95



RT-380/AR RECEIVER-TRANSMITTER 2 TO 18.5 MC C.W. PHONE, 100 WATT TRANS. AM CRYSTAL CONTROL ON 10 PRESELECTED FREQ. RECEIVER 50 MW MIN. INTO 600 OHM LOAD. WITH TUBES 1/813, 2/811, 1/1625, 1/6AG7, 1/6V6, 1/12BE6, 2/12AU7, 2/12AL5, 2/28D7 & 4/6BAG6. POWER REQUIRED 400 VDC @ 750 MA. 750 VDC @ 350 MA. AND 27 VDC FOR RELAY AC FOR FILAMENTS. (SAME VOLTAGES AS ART-13) (SIMILAR TO COLLINS 18S4) SIZE: 15 1/2 x 7 1/2 x 23 1/2; WT: 70 LBS. LESS CRYSTALS PRICE: USED LESS DYNAMOTOR \$49.50



R-666/ARN-32 RECEIVER 75 MC CRYSTAL CONTROLLED FIXED FREQUENCY, USED TO ACTUATE RELAY THAT IN TURN CAN BE USED TO PERFORM A SPECIFIC FUNCTION FROM A REMOTE POINT BY RADIO, ALSO HAS AUDIO OUTPUT. COMES WITH TUBES 4/5908, 4/5907 AND 1/5903. POWER REQ. 27.5 VDC .6 A. SIZE: 2 1/2 x 5 x 8; WT: 2 LBS. PRICE: USED \$9.95



BC-1333 MARKER BEACON RECEIVER 75 MHZ, USED IN AIRCRAFT FOR RECEIVING SIGNAL FROM AIRPORT. SIGNAL RECEIVED ENERGIZES RELAY WHICH IN TURN OPERATES INSTRUMENT PANEL LIGHT. CAN BE USED TO ACTUATE ELECTRICALLY OPERATED THINGS FROM A REMOTE POINT. VOLTAGE REQ. 24 VDC. WITH TUBES 1/125N7, 1/6SH7, 1/6SL7. SIZE: 3x5 1/2 x 5 1/2; WT: 3 LBS. PRICE: USED \$4.95

R-196C/ARV-26Y REMOTE CONTROL RECEIVER, MAY BE TUNED TO ANY FREQUENCY BETWEEN 60 AND 74 MHZ. APPEARS FREQ. CAN BE CHANGED SO THAT THE UNIT MAY BE ADAPTED FOR REMOTE RADIO SIGNAL ACTUATION AS POSSIBLY GARAGE DOOR OPENER, SECURITY SYSTEM ACTUATOR ETC. ACCEPTS A SIGNAL MODULATED AT 300, 650, 955, 1390 AND 3000 HZ. AUDIO TONE OPERATES A SEPARATE RELAY FOR EACH FREQUENCY. THE 955 HZ RELAY ACTIVATED WHEN THE OTHER RELAYS ARE NOT. THE UNIT PERFORMS MOST EFFECTIVELY FROM VISUAL DIRECTION. RECEIVER CONTAINS AN RF AMP, DETECTOR STAGE AND FIVE AUDIO FILTERS. WITH SIX 12AU7 TUBES. 7 1/2 x 8 1/2 x 5 1/2; WT: 8 LBS. USED \$9.95



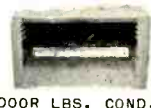
CASES & CABINETS

TA-228/TCC-7 TRANSIT CASE; ALUMINUM WITH HASP FASTENERS AND RETRACTABLE HANDLES. INTERIOR SIZE: 10 1/2 x 18 x 15 D. WT: 18 LBS. PRICE: \$10.00
CY-1338/TRC TRANSIT CASE SAME STYLE AS ABOVE, 18 x 17 1/2 x 20 1/2, 29 LBS. \$16.00



CABINETS

STK. NO.	H X W X D	PANEL	DOOR	LBS.	COND.	PRICE
1015/39	10 1/2 x 22 x 15	9 1/2"	TOP 25"	25	USED	\$8.95
1313/60	13 x 19 x 13	12"	" 30"	30	"	\$10.00
CY-1693	16 1/2 x 22 x 14	14"	" 35"	35	NEW	\$20.00



OTHER TRANSIST CASES AND CABINETS IN STOCK--WRITE

EQUIPMENT ENCLOSURES



TABLE TOP CABINETS, ALL UNITS, STEEL CONSTRUCTION WITH GRAY-CRACKLE FINISH.

A-1228, HAS HINGED TOP AND BALL CORNERS. TAKES 9x19 RACK. OVERALL SIZE: 10 1/2 x 20 1/2 x 15; SHPG. WT: 30 LBS. UNUSED, \$24.95

MS-5373, REAR ENTRY STYLE; HOLDS 8x19 RACK. OVERALL SIZE: 9 1/2 x 19 1/2 x 19 1/2; SHPG. WT: 25 LBS. UNUSED, \$15.95



MS-733 CABINET; TAKES 9x10 1/2 x 7 1/2 PANEL. OVERALL SIZE: 10 1/2 x 12 1/2 x 8. SHPG. WT: 15 LBS. UNUSED, \$8.95



MS-1167, SHORT DEPTH 7x19 x 7 1/2 RACK. OVERALL SIZE: 8 1/2 x 20 1/2 x 8, SHPG. WT: 17 LBS. UNUSED, \$9.95



TS-10C HEAVY ALUMINUM CASE, HINGED COVER, HASPS & HANDLE. SIZE 10 1/2 x 15 1/2 x 6 1/2 10 1/2 x 15 1/2 x 6 1/2 D, WT: 15 LBS. \$10.00

RATIONS BOX NO 1 FOR 2 MEN, 1 DAY RIVETED CANVAS STRAP, HANDLE AND SERVES AS HINGE WITH BUCKLE. 8 1/2 x 5 1/2 x 4 1/2; 5 LB. \$1.00

EQUIPMENT CABINET



CY-1823 DOUBLE CABINET WITH PULL-OUT DESK, TWIN REAR DOORS AND AC OUTLETS. SLANTED TOP SECTIONS EACH HAVE 15 1/2 x 19 x 20 EQUIPMENT SPACE. LOWER HALF CABINET HAS TWO 24 x 19 x 24 AREAS ALUMINUM CONSTRUCTION. OVERALL SIZE: 45 1/2" H X 40 1/2" W X 25" D SHPG. WT: 310 LBS. (CRATED) PRICE: USED, \$50.
USED LESS PANELS \$40 WITH PANELS \$50

ELECTRIC MOTORIZED WHEEL

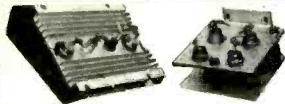


ELECTRIC MOTORIZED WHEEL WITH 6VDC MOTOR & HEAVY DUTY GEAR BOX, REVERSIBLE APPROX. 50 RPM NO LOAD, 1 AMP. 3 AMP. LOADED, 6 AMP STALL. RUBBER TIERED WHEEL 5 1/2 x 1 1/2", TOP OF FORK TO BOTTOM OF WHEEL 6 1/2", 2 1/2 x 5/8" CUP TOP OF FORK AND 6 1/2 x 3/4" TUBING ABOVE CUP. ALL METAL CONSTRUCTION INCLUDING GEARS EXCEPT MOTOR ENDS ARE HIGH IMPACT PLASTIC & TIRES. NET WT. 3 LBS PRICE: \$7.95 EA. 2 FOR \$15 No. 6VDC-P HAS MANY USES EQUIPMENT DOLLY, WHEEL CHAIR, CAR, FISHING REEL



MOTOR & GEAR BOX ASSEMBLY NO. RS-85 SIMILAR TO UNIT USED ON ELECTRIC MOTORIZED WHEEL ASSY DESCRIBED ABOVE, EXCEPT THIS UNIT HAS PLASTIC GEARS & GEAR BOX. OPERATES FROM 6 VDC BUT WILL RUN ON 2 VDC TO 12 VDC WITH VARYING SPEEDS OF 50 TO 250 RPM DEPENDING ON LOAD AND VOLTAGE USED. MOTOR IS ALSO REVERSIBLE. SIZE: 3 1/2 x 2 x 4 1/2; WT: 1 LB. AMER. #122830 \$4.50

SILICON DIODES



SILICON DIODES; MOUNTED ON HEAT SINKS WITH MOUNTINGS. REMOVED FROM EQUIPMENT AND GUARANTEED TO BE OPERABLE. SILICON FULL BRIDGE, APPROX 100V. 5 A. S/T#55578-2 \$1
2C8R w/4/IN3208, 4/IN3208R,
2/TIERED MTG 4x4x2 \$2.75
3C12R w/4/IN3208, 4/IN3208R,
2/IN3209, 2/IN3209R,
3-TIERED MTG 4x4x4 \$4.25
ICIT 2N1557, 90 WATT, 40 V 15
AMP ON 3x4 1/2" HIGH COOL-
ING HEAT SINK \$1.50
BAJ6 4/IN3212, ON 4x6x7/8
HEAT SINK. \$3.00
BAJ8 2/IN3212, 2/2N686, 25 A.
250 PRV 4x6x1 \$3.50
DI190 4/IN3208, 1/IN3208R, 1/
3209, 1/IN3212, PLUS
10/RES, 4/CAP, 2/POT \$3

ALLIED CONTROL RELAY
24VDC 700 OHMS 4PDT
2 AMP CONT. 1000MFD
500 MFD 50V CAPS, 2/
10-3TRANS. CIR PLUG.
DRIVER 2114800 \$2.95

COPY LENS
W/8" FOCAL
LENGTH, F5.6
APERTURE.
COATED LENS
HAS 4 ELEMETS
MAGNAFIES APPROX. 3x.
SIZE 2-1/8x2 1/2; WT. 12 OZ.
EDNALITE # 245 NEW \$3.95

TRAVELING WAVE TUBE



THE TRAVELING WAVE TUBES
LISTED BELOW ARE USED COM-
PLETE, NOT CHECKED, NOT GUAR-
ANTEED. (EXPERIMENTER'S ITEM)

ZN-3480 VARIAN TWT WITH DC-
DC INVERTER POWER SUPPLY.
OPERATES FROM 115 V. 48-420
HZ. HAS POWERFULL DISC MAG-
NETS THAT CAN BE DISMANTLED.
SIZE: 13x3; 12 LBS. \$10.00

WJ-295 WATKINS JOHNSON TWT
LOW NOISE AMPLIFIER 2.0-4.0
GHZ WITH INVERTER DC-DC P.S.
FOR USE ON 115 V. 48-420 PZ.
OUTPUT 600 VDC, 150 VDC, -100
VDC & -30 VDC. HEAVY DISC
MAGNETS. 10x3; 7 LBS. \$10.00

TWT'S LISTED BELOW DO NOT
HAVE ANY POWER SUPPLIES OR
MAGNETS. NO ADDITIONAL DATA.
SPERRY STC-279 12x1 1/2 \$5
MICROWAVE M5217 13x1 1/2 \$5
HUGGINS 333H 9x3 \$5
HUGGINS M5057A 17x1.5 \$5
RAYTHEON K8994 8x2.5 \$5
MICROWAVE 10300 15x1 1/2 \$5
RCA PS296001/4033 \$5
ALL ABOVE TWT APPROX. 5 LBS.

BC-624/522 RECEI-
VER, 3 GANG 6-36
MMF EACH SECTION
WITH SLUG TUNED
TRIM. SHAFT 5/16
STK#3D9036V
SIZE: 4 1/2x2 3/4; 1 LB. \$1.50

351-1013 3.5 TO
27 MMF 1 1/2 PLATE
SIZE: 1-5/8x1 1/2
1-5/16. SHAFT
1 1/2x3/16. \$7.5

TCS VARIABLE
CAPACITOR, 2
SEC. 10-360
MMF. ONE SEC.
10-360 MMF,
3 BAND CALI-
BRATED DIAL 4" 1.5 TO 12 MHZ
SIZE: 7x3 1/2x3 1/2; WT: 10 LBS.
#881 \$3.95 USED

TRANS. CAPS

5910-193-8025 3 GANG 8-50
MMF 2000 VDC, ROTOR SECTION
INSULATED FROM EACH OTHER.
SIZE 3 1/2x2 1/2x6 1/2; 2 LBS. \$6.95

RF-3-14A162 1 GANG 10-135
MMF. 2000 VDC 3 1/2x2 1/2x2 \$2.95

VARIABLE CAPACITOR FROM TCS
TRANSMITTERS, 425 MMFD, 3 1/2x
1 1/2x1 1/2 WITH SHAFT.
TCS-C116, REM. F/TCS \$2.95

VARIABLE AIR CAPACITOR
2.8 TO 8.5 MMF 5 PLATES
P/O BC-640 TRANS. #A105262
3D9002VE8 \$.79

LM FREQ. METER, LESS
TUBES, CRYSTAL, WITH
VAR. CAP., 11.5-160
MMF & DIAL USEABLE.
BALANCE (AS-13) \$10

PRE-SELEC
TOR UNIT
ASSEMBLY
PART OF
R-19/508
RECEIVER
118-148MC

CONSISTS OF 1ST & 2ND R.F.
AMP. R.F. OSC. & MIXER STAG-
ES, FOR USE WITH 3/9003 &
1/9002 TUBES. (LESS TUBES.)
SIZE: 4 1/2x3 1/2x3 1/2; 3 LBS. N \$7.95

VARIABLE CAPACI-
TOR, 25 TO 250
MMF, 1000 VOLTS.
1/2" DIA. x 1 1/2"
SHAFT; OVERALL 3 1/2x1 1/2x2 1/2.
GOLD PLATED PLATES;
REM- BC-778 Used \$2.95

BC-624 RECEIVER
R.F. TUNER ASSY
100 - 156 MHZ
A.M. w/VARIABLE
CAP. COILS, TUBE
SOCKETS. OSC.
SEC. P/O SCR-522
5x5x5; WT: 7LBS
2ZK11150 Used \$3.95/N \$5.95

VARIABLE CAPS.
SCREW DRIVER
ADJUSTMENT
CTN48785 5 TO 17 MMF 59¢
K536534 10 TO 49 " 59¢
CTN481426 22 TO 104 " 79¢
406409 6 TO 118 " 79¢
VAR. CAPS BELOW SHAFT 1/2x2
K71J801 4 TO 23 MMF 7 PL.
1 1/2x1 1/2 89¢
361-1022 4 TO 32 MMF 11 PL
1 1/2x1 1/2 89¢
21110-514 6 TO 18 MMF 3 PL
1 1/2x1 1/2 89¢

COMMAND RECEIVER
VARIABLE CAPACITOR
3 GANG WITH TRIM-
MERS AND GEARS
#4601 147 MMF 3-6 MC \$2.50
#6558 62 MMF 6-9 MC \$2.50
SIZE: 4x3x3; WT: 2 LBS.

READ-OUT
17 LAMPS
ON STRIP
TO A TWO
CONTACT
WITH
FOR 115 VOLT 60 CYCLE USE.
STRIP SIZE 1x7, SWITCH SIZE
2 1/2" DIA. WT: 6 OZ.
#LANS SW-249 RE-MOVED FROM
EQUIP. \$1.50 EA. 4 FOR \$5.

TRANS. CAPS.

DUAL 4-30 MMF 1000 VDC 1 1/2x
1 1/2x2, SHAFT 1/2x2 P/O BC-640
CARDWELL 430/IM REM \$2.95

DUAL 5-25 MMF 2000 VDC 1 1/2x
1 1/2x2 SHAFT 1/2x2 P/O BC-640
CARDWELL 525/2M REM \$3.95

DUAL 4-20 MMF 2000 VDC 1 1/2x
1 1/2x3 SHAFT 1/2x2 P/O BC-640
CARDWELL 420/2M REM \$3.95

DUAL 4-50 MMF 1000 VDC 1 1/2x
1 1/2x3 SHAFT 1/2x2 P/O BC640
CARDWELL 450/IM REM \$2.95

SINGLE 10-106 MMF 1500 VDC
2x2x2 1/2 SHAFT 1/2x1 1/2 P/O BC64C
JOHNSON 155-4-4 REM \$2.95

SINGLE 8-54 MMF 1500 VDC
2x2x2 SHAFT 1/2x1 1/2 P/O BC-64C
JOHNSON 155-2-2 REM \$2.95

SINGLE 3-10 MMF 2000 VDC
1x1x1 SHAFT 1/2x2 P/O BC64C
CARDWELL 310/2M REM \$1.25

DUAL 6-22 MMF 1500 VDC 1x1 1/2x
x2 1/2 SHAFT 3/16x2
TELERADIO 622/15M NEW \$1.95

DIFFERENTIAL CAPACITOR
150-300 MMF 500 VDC 1 1/2x1 1/2x
1 1/2x1 1/2 SHAFT 1/2x2, BRASS PLATES
HAMMARLUND 411-179 REM \$7.

VARIABLE
CAPACITORS
100 WATT
SIZE: 4 1/2x2x3
SHAFT 3/8x1/4

P-7761569 23 TO 111 MMF
M-7463006-1 22 TO 118 "
T-7760443-8 15 TO 81 "
WT: 2 LBS. REM \$1.95 EA.

COMMAND TUNING
F/ TRANSMITTER
35-150 MMF 2000
VDC w/GEARTRAIN
4x2 1/2x3, 1 LB.
2C6397/C8 \$1.95

PRE-SELECTOR
UNIT ASST PART
OF R-48 REC.
230-250 MHZ.
CONSISTS OF RF
MIXER & OSCIL.
USING 6AG5-2 EA. 9002-1
EA. TUBES (LESS TUBES.) FOR
USE WITH 30 MC I.F.
SIZE: 6x5 1/2x4; 5 LBS. USED \$5

GR PRECISION VAR-
IABLE CAPACITOR
30-220 MMF, 1000
VAC, SHAFT 5/16x
1/2 IN ALUM. CAST
ING 4 1/2x5x5 1/2; 6 LBS. 4 HOLE
MTG. 5910-667-6732 \$9.95

TU-53
OSCILLATOR
PLUS-17
ASSY. FOR
BC-610
TRANSMITTER

FREQ. RANGE 8-12 MHZ. CONTAINS
VAR. CAPACITORS WITH
SHAFTS 140 MMFD, 190 MMFD.
2/CERAMIC CAP. 1/MICA CAP.
4/R.F. COILS, 2/RES. 1/DPDT
SW. 1/DIAL, 2/KNOBS, CRYSTAL
SOCKET, AND OTHER PARTS.
SIZE: 2x8 1/2x4 1/2; 4 LBS. \$3.95

AUDIO OSCILLATOR
BASIC ASSEMBLY;
CONTAINS 24 12
MMFD CERAMIC
TRIMMERS, 21 TEMP
COMP. CAPACITORS &
RESISTORS.
WHEN USED WITH
2/6SJ7 TUBES & ASSOCIATED
PARTS IT WILL PRODUCE A FREQ.
OF 425-2295 HZ IN 12 STEPS
OF 170 HZ EA. # DIV. REC-26
SIZE: 5 1/2x5x4 1/2; 5 LBS. \$4.95

RECEIVING TYPE
CAPACITORS FOR
AM-FM-AUDIO-
OSCILLATOR USE
WITH SHAFTS.

#48842 DUAL 12-90 MMF & 15-
140 MMF SIZE 1x1x2 \$1.00

#66972 DUAL 9-50 MMF & 1-
100 MMF, SIZE 1x1x2 \$1.00

#330V020-H02 DUAL 10-90 &
14-140 MMF 1 1/2x1 1/2x1 \$1.25

#900223 DUAL 10-150 MMF &
10-260 MMF 1 1/2x1 1/2x1 1/2 \$1.50

#330V030H02 DUAL 10-100 &
12-250 MMF, 1 1/2x1 1/2x1 1/2 \$1.50

#330V010H04 DUAL 10-100 &
12-365 MMF, 1 1/2x1 1/2x1 1/2 \$1.95

#M-C6225 3 GANG 10-365 MMF
1 1/2x1 1/2x3 1/2 \$3.95

5910-581-8221 2 GANG 12-
365 MMF. 3 1/2x2x2 1/2 \$3.50

URC#9989 3 GANG 10-450 MMF
3 1/2x2x4 1/2 \$3.95

3D9200V-19 4 GANG, 14-200
MMF 3 1/2x1 1/2x4 1/2 \$4.50

5910-193-8004 5 GANG, 20-
402 EA. SEC. 2 1/2x3 1/2x5 1/2 \$4.95

AIR PADDER CAP

351-1054 2-8 MMF 49¢
D3535 2-20 MMF 49¢
D344331 4-45 MMF 49¢
73468 5-50 MMF 49¢
CA-253 3-70 MMF 49¢

ABOVE CAPACITORS, SCREW-
DRIVER ADJUST, 2 HOLE MTG.

COMPRESSION TYPE MICA TRIM-
MER CAPACITORS, ASSORTED
VALUES 5 FOR \$1.00

R.F. OSCILLATOR ASSEMBLY P/O
R/T-39 APG-5 RADAR SET, 2500
TO 2600 MHZ. REQUIRE 2C40 &
2C43 & 1B27 TUBES. HAS SPECIAL
COAX. FEED LINES FOR
JG TYPE CONNECTORS. SILVER
PLATED ASSY. WITHOUT TUBES
OR TUBE CAPS. #2C2783
SIZE: 9x4x4 WT: 5 LBS. \$1.95

WAVEGUIDE COUPLER ASSY-DUAL
DIRECTIONAL. FLANGE SIZE
1-7/8x1-7/8 WAVEGUIDE 3/4x
1-1/8, DUAL GUIDES 9 1/2" LONG
WITH PRESSURIZING ASSY. 5LB.
1BM #1280-779-5806 \$1.95

PRESSURE
TRANSDUCER
TYPE M-1
TOSS BOMB
COMPUTER
ELECTRIC TYPE
DUAL DIAPH. HIGH LOW CONN.
PITOT & STATIC LINES.
SIZE 6x3x4; WT: 3 LBS.
3TK#1280-568-6013 \$3.95

MAGNETIC FOCUSING
YOKE WITH 2 MAG
NETS MOUNTED
IN RING, RING
SIZE 2-1/8"
DIA. 5/8" W.
1" HOLE, MAG-
NETS 5/8"x3/16
WT: 7 OZ. # MAGNET CIR-7
PRICE: 35¢ 3 FOR \$1.00

T.V. TUNERS

UNITS HAVE NOT BEEN USED &
ARE NOT GUARANTEED.

VHF CHANNELS 2-13
FREQUENCY 54-216 MC
OUTPUT 41 MC

URC#27160 WITH
TUBES 1/6ES8 &
1/6CG8. SIZE 4 1/2x
3 1/4; \$4.95

URC#63K10-03
WITH TUBES 1/6KZ8 & 1/3GK5
SIZE: 2x2x3 1/2. \$5.95

UHF CHANNELS 14 - 83
FREQUENCY 470-890 MC
OUTPUT 41 MC

URC#34834 WITH
1/2024 TUBE OR
EQUIVALENT.
SIZE: 3 1/2x3 1/2x2.
\$4.95

URC#86712 TRANSISTORIZED
SIZE: 1 1/2x2 1/2x3 \$3.95

AM & FM TUNERS

AM FREQUENCY 550 - 1600 KC
FM FREQUENCY 88 - 108 MC
UNITS HAVE NOT BEEN USED

F.M. TUNER WITH
1/12D78 TUBE &
DIAL. SIZE 3x2x
URC#462 \$3.95
A.M. & F.M. TUNER
SAME AS ABOVE
URC#2H02 \$4.95

A.M. & F.M. TUNER WITH 1/
12D78 TUBE NO DIAL 3x2x1
URC#7H02 \$3.95

F.M. TUNER WITH 1/6AQ8
TUBE, NO DIAL, 3x2x1
URC#4H02 \$2.95

MORE VARIABLE CAPACITORS P32

LC-902 ANTENNA
INPUT TANK FOR
TN-2A/APR-1 TUN-
ING UNIT, FREQ.
76 TO 300 MHZ.
WITH VARIABLE
CAPACITOR, COIL, AND 955
TUBE SOCKET. SIZE: 4 1/2x3
WT: 4 LBS. UNUSED \$9.95

LC-702 ANTENNA MIXER TANK FOR
TN-3A/APR-1 TUNING UNIT
FREQ. 300 TO 1000 MHZ. WITH
VARIABLE CAPACITOR AND COIL
SIZE: 2 1/2x3 1/2x1; 3 LBS.
PRICE: UNUSED \$6.95

LC-701 OSCILLATOR TANK FOR
TN-3A. WITH VARIABLE CAP-
ACITOR AND COIL. SIZE: 4 1/2x4
WT: 4 LBS. UNUSED \$8.95

MALLORY SPIRAL INDUCTOR
FOUR GANG TUNER .04 TO .70
UH (APPROX.) PER SECTION.
19 TO 75 MHZ RANGE WHEN
PLACED IN PARALLEL TO 100
UUF. PROVIDES ACCURATE,
NOISE-FREE OPERATION AND
ELIMINATES USE OF SWITCH-
ING COILS, BAND SWITCHES,
ETC. SIZE: 6x2x2 SHAFT:
1 1/2x2 #HT-254-0 \$9.95

THREE GANG INDUCTOR, 0.04
TO .07 U-HY/SECTION. 60 TO
75 MHZ PARALLEL WITH 100
UUF 5x2x2, SHAFT 1 1/2x2 DIA.
#B-10 '77 \$8.95

INSULATORS



STAND-OFF, CROWS FOOT, 7"
Hx1 1/2" D. CAST. BASE, 2 1/2" CTRS.
TOP CAST W/3/16"-20 SCREW
#5970-405-8992 \$4.00
SIMILAR, ABOVE 3" 3.00
" 10" 7.00

IN-86 STRAIN INSULATOR 4 1/2"
LONG, 3/4" DIA. MAYBE ROUND
OR SQ. 59¢ EA. 2 FOR \$1.00


STK.#INS.1014; FEED-THRU 4"
LONG 3/4" HOLE, 7/8" DIA. WITH
NECK. PRICE: 25¢

CONE 1" BASE 1-1/8" H. #11
10-24 THREAD. #CSJ-61028
35¢ EA. 4 FOR \$1.05

STK.#INS.#1015; FEED-THRU
BRASS BOLT 6 1/2" LONG x 1/2"
W/NUTS, SPLIT INSULATOR FOR
3/4" THICK MOUNTING WITH
CORK WASHERS, OVERALL LGTH
3 1/2" x 2, WT: 2 LB. \$2.50

STK.#3G584 IN-84 FEED-THRU
CONICAL SHAPE, 5" LG. O/A;
2 CONICAL SHAPED 1-1/8" LG.
1 1/2" DIA. AT BOTTOM, 1" AT
TOP, 1/4" DIA. ROD WITH 1/4"
20 THREAD WITH NUTS/WASHERS
2 LB. 25¢ EA. 5 FOR \$1.00

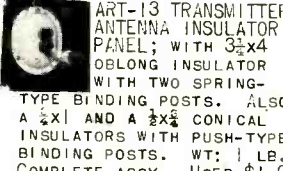
TRANSMITTING LEAD-
IN INSULATOR, THREADED ROD
W/CONE INSULATORS 2X1 EACH.
ADJUSTABLE BETWEEN CONES.
15" OVERALL. WT: 2 LBS.
#4238 PRICE: \$1.00



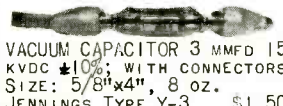
INSULATOR ENTER-
ING TYPE, CERAMIC
BOWL 2 1/2" x 2, PLAT-
ED MTG. RING 3 1/2"
6 MTG. HOLES, 4"
4" BOLT THRU
CERAMIC
CENTER 1/4"x20.
BOWL 4-3/8" STK#CBJ61023
H, 7" DIA. 59¢ 2 FOR \$1.00

BASE MTG. 3/8" DIA. 2 RINGS
1-3/32" THICK, OTHER 3/16"
W/6, 3/4" NUTS, 2 1/2" BOLTS,
BLL CAP 6" DIA. W/1 1/2"
3/8" ROD THRU CENTER W/NUTS
#3G1830-67076/77 \$5.00 EA.

STAND-OFF INSULATOR
H-1 1/2", B-1 1/2", A-3/4", 1/4"
BOLT REQ. 1 1/2" MTG HOLE
PP-1048 NO HARDWARE
3 FOR \$1.00

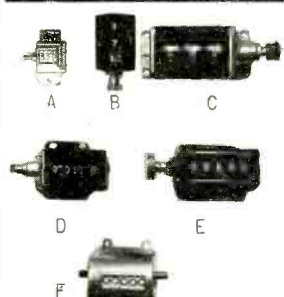


ART-13 TRANSMITTER
ANTENNA INSULATOR
PANEL; WITH 3 1/2"x4
OBLONG INSULATOR
WITH TWO SPRING-
TYPE BINDING POSTS. ALSO
A 2"x1" AND A 3"x2" CONICAL
INSULATORS WITH PUSH-TYPE
BINDING POSTS. WT: 1 LB.
COMPLETE ASSY. Used \$1.00



VACUUM CAPACITOR 3 MMFD 15
KVDC ±10%; WITH CONNECTORS.
SIZE: 5/8"x4", 8 OZ.
JENNINGS TYPE Y-3 \$1.50

COUNTERS



A. 3 DIGIT COUNTER. 1/8"
SHAFT. EACH NUMERAL 1/8"
IN. SIZE: 2 1/2"x2 1/2".
STK#CBSH334 \$.75

B. 3 DIGIT COUNTER. FOR
VERTICAL MOUNTING. 3/8"
IN. GEAR ON SHAFT. EACH
NUMERAL 1/8". 1 1/2"x1 1/2"-1/8"
STK#CBSH173 \$.75

C. 3 DIGIT COUNTER WITH
BEVELED GEAR 2 1/2"x1 1/2"x1 1/2".
NUMERALS 2 1/2" IN.
STK#CBSH177 \$1.00

D. 3 DIGIT COUNTER W/DIGITS
10THS, ONES, TENS. 100
THIS DIGIT REMAINS 0. 1/3"
IN. NUMERALS. 2x1 1/2"x1 1/2"
STK#CBSH9030 \$.75

G. THREE DIGIT COUNTER
WITH BEVEL GEAR OPEN
FRAME BACK, LEFT DRIVE.
SIZE 1x3/4x3/4, MTG.
MASK 1 1/2"x1.
STK#G32163 \$.50

F. 5 DIGIT COUNTER W/3/16"
IN SHAFT EXTENDING 3/4"
AT EACH END. 99999-0
DESCENDING ONLY. 1/8"
NUMERALS. 1 1/2"x1 1/2"x1 1/2"
STK#CBSH0000 \$1.00

3 DIGIT COUN-
TER, VEEDER
MFG. 3/4" DIA.
GEAR SHAFT;
3/4" DIA. EX-
TERIOR SHAFT
CAN BE GROUND TO 1/4". OVER-
UNDER MOUNTING. 2 1/2"x1 1/2"x4 1/2";
BC-1323 COUNTER \$1.00

TELEPHONE JACK STRIPS


#4C4426-14 TWENTY JACKS 3
CONDUCTOR CONTACT ARRANGEMENT
J-2, KELLOG #261 \$2.80

#4C4322-25 TEN JACKS 3 CON-
DUCTOR, CONTACT ARRANGEMENT
J-2-1A; \$1.95

#4C4426-11 TWENTY JACKS 3
CONDUCTOR, CONTACT ARRANGEMENT
J-2, NUMBERED 0-19 \$2.50

#4C4436-92-2 TWENTY JACKS
3 CONDUCTOR, CONTACT ARRANGEMENT
J2, NUMBERED 20-99; \$2.50
KELLOG #369

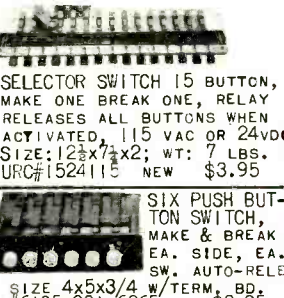
#4C4692-2 TEN JACKS 3 CON-
DUCTOR CONTACT ARRANGEMENT
J2 WECO#92 TYPE139 \$1.95



SELECTOR SWITCH 15 BUTTON,
MAKE ONE BREAK ONE, RELAY
RELEASES ALL BUTTONS WHEN
ACTIVATED. 115 VAC OR 24VDC
SIZE: 12 1/2"x7 1/2"x2; WT: 7 LBS.
URC#1524115 NEW \$3.95

SIX PUSH BUT-
TON SWITCH,
MAKE & BREAK
EA. SIDE, EA.
SW. AUTO-RELEASE

SIZE 4x5x3/4 W/TERM. BD.
#6105-901-6365 \$3.95

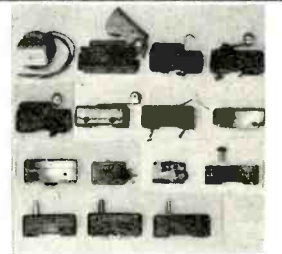


THUMB-IT
WHEEL WAFER
SWITCHES
NUMBERED
1 TO 10
CAN BE USED
SINGLY OR
IN BANKS.
EACH SECT-
ON SIZE 2 1/2"
x2 1/2", PRICE EACH SECT. 65¢

BANK OF FIVE AS ILLUSTRATED
NOT AVAILABLE

#5930-539-6550

MICRO SWITCHES



SPST, R-RL2, NORMALLY CLOSED
ROLLER LEVER ASSEMBLY, 15 A
125/250V. 2x2 1/2"x5/8 \$.50

SPDT; 3Z-3R244T4; ONE SIDE
NORMALLY OPEN, THE OTHER
CLOSED. PIN PLUNGER; 2x1x1 1/2
\$.30

SPST; WHBT349A-1, NORMALLY
OPEN. LEVER PLUNGER. 2"x1"
x5/8". \$.30

SPDT; BZ-2R; ONE SIDE NOR-
MALLY, OTHER CLOSED; PUSH
PLUNGER ASSY. W/MOUNT.
2x1 1/2" \$.50

HRO7-1P SPST NORMALLY
OPEN, 115 V 10 A. 3/8"
PLUNGER. \$.75

DPDT; MS25008, ONE SIDE
NORMALLY OPEN, THE OTHER
CLOSED. EXTENDED BUTTON
PLUNGER. 2 1/2"x2"x1" \$1.50

DXGB-5 SP NORMALLY
OPEN, MOUNTED IN HEAVY
FRAME. 3/4" PLUNGER
2 1/2"x2 1/2"x2 1/2" \$1.00

SPDT; WHBT349B-1; ONE SIDE
NORM. OPEN, OTHER CLOSED.
LEVER PLUNGER 2x1x1 1/2" \$.30

SPST; MU SWITCH TYPE D;
SPLIT DIE CAST ENCLOSURE
4/8" TAP CONDUIT HUB;
17/8.5A 125/250V. PUSH
PLUNGER; 2 1/2"x2x1" \$.75

WZ2RW80-05 SP NDMAALLY
CLOSED 3" LEVER. \$.60
2x3/4 sw.

SPST; 2MC3-1A, NORMALLY
CLOSED. PIN PLUNGER.
1 5/8"x2 1/2"x2 1/2". \$.45

SPST; SW-186, NORMALLY
CLOSED. EXTENDED PIN
PLUNGER. 2"x2 1/2"x5/8". \$.25

SPST; G-RS, NORMALLY OPEN.
EXTENDED PIN PLUNGER. 2"x
2 1/2"x5/8". \$.40

SPST; M07-102T, NORMALLY
OPEN. EXTENDED PIN PLUN-
GER. 2"x2 1/2"x5/8". \$.40

SPST; WZ-RS9, NORMALLY
CLOSED. EXTENDED PIN
PLUNGER. 2"x2 1/2"x5/8". \$.40

V3 MICRO-TYPE 10 A. 125/230
A.C. SIZE 9/16x1x3/8

V3-21 SPST NORMALLY CLOSED.

V3-23 SPST " OPEN

V3-1 SPDT 1/S NO 1/S NC

V3-21 & 23 35¢ V3-F 50¢

E4-78 MINIATURE ELECTRO SNAP
3/8x3/4x1/4 40¢

YZ-3RLTC SPST NO 15 A. AC.
LEVER TYPE 2 1/2"x2x5/8 40¢

PUSH SWITCH WITH TWO SPDT
MINIATURE MICRO SWITCHES,
ONE SIDE NORM. OPEN, OTHER
CLOSED; SCREW CAP COVERS
PUSH BUTTON. #2PB1 .75

SPST NORMALLY OPEN; 3A/250.
PSW002 .35

DPST NORMALLY OPEN; 1A/250.
PSW004 .35

MICRO-SW. SPDT, 1/2"
RED BUTTON, 15 A.A.C
MTG. HOLES 1 1/2" CENT.
2 1/2"x1 1/2" #71BP2 \$2.00

JPST INTERLOCK, NORMALLY
OPEN. (329825/254)
PSW006 .35

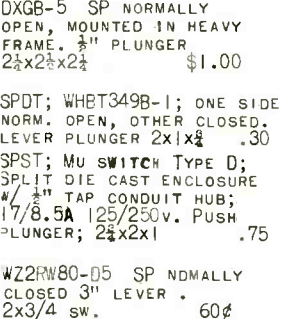
SPST PULL SWITCH, NORMALLY
OPEN. PSW007 .35

SPST NORMALLY CLOSED; CASE-
ING AS GROUND; 1/4" SCREWS
REQUIRED FOR MOUNT.
PSW008 .35

SPST, NORMALLY OPEN
PSW010 .35

SPST, PUSH-LEVER SWITCH,
115 VAC 20 AMP; SILVER CON-
TACTS. P/O I-199
#I-199-S67 .65

SPST, NORM. OPEN, FITS 5/8"
HOLE. J-3-PB .39



DPDT PUSH-LEVER SWITCH.
PSW013 .50

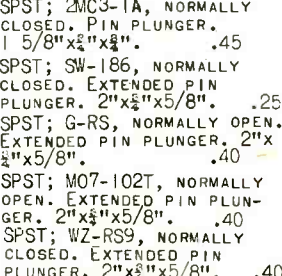
DPST PUSH-LEVER SWITCH.
NORMALLY OPEN. PSW014 .50

DPST NORMALLY OPEN.
PSW015 .50

FIVE-PUSH SWITCH 2PST NORM.
GL. 1PST NORM. OP. 1PDT.
5x3x1 #PSW5022 \$1.00

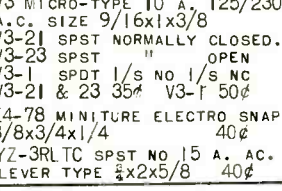
SIX-PUSH SWITCH; FIVE ARE
SPST NORMALLY OPEN, THE
OTHER DPST AND DPDT ON THE
OPPOSITE SIDE. 4 1/2"x2 1/2"
PSW017 \$1.00

SPST PUSH-LEVER SWITCH.
3 5/8"x2 1/2"x2 1/2".
PSW022 .35



MOTOR STARTING SWITCH
HEAVY DUTY F/STD. GEM
BOX MTG. RED/BLK BUT-
TONS. 1 NO 1 NC.
#5930-548-8953 \$1.50

DPST, MICRO SW. NORM. CLOSE
PUSH PLUNGER W/SIDE MOUNT;
1 1/2"x1 1/2"x1 1/2" CR1070C103 .50



EIGHT PUSH SWITCHES DPST
NORM. OPEN AUTO RELEASE.
PUSH SW. RELEASES ALL SPST
NO. CL. 5x2x1 1/2; #855-151 \$1

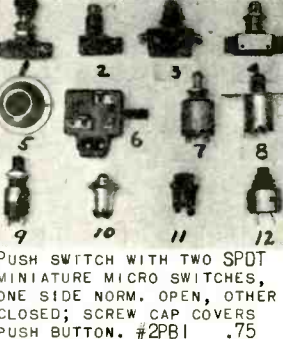
CHAFF DISPENSER
CONTROL BOX AND
24 VDC 5 DIGIT
DECLINING COUN-
TER 2 DIGITS AT
A TIME ALSO 12
POSITION WAFER SWITCH. LESS
DIAL LAMPS \$ TOGGLE SWITCH.
6x4x3; 2 LBS. \$1.95



TOGGLE SWITCHES SINGLE HOLE
MOUNTINGS: CONDITION NEW &
"REM" REMOVED FROM EQUIP-
MENT, ALL GUARANTEED.

CIR CON RATING NO PR
SPST NEW 5/125 B-15 .65
ABOVE MOMENTARY N/C CLOSED
SPDT REM 15/125 3022-7 .35
(ABOVE CENTER-OFF, MOM.)
SPDT NEW 15/125 B-1B .30
SPDT NEW 20/125 3023-10 .55
SPDT REM 5/125 B-7A .55
(CENTER OFF, MOM ONE SIDE)

PUSH SWITCHES



SPST NORMALLY OPEN; 3A/250.
PSW002 .35

DPST NORMALLY OPEN; 1A/250.
PSW004 .35

MICRO-SW. SPDT, 1/2"
RED BUTTON, 15 A.A.C
MTG. HOLES 1 1/2" CENT.
2 1/2"x1 1/2" #71BP2 \$2.00

JPST INTERLOCK, NORMALLY
OPEN. (329825/254)
PSW006 .35

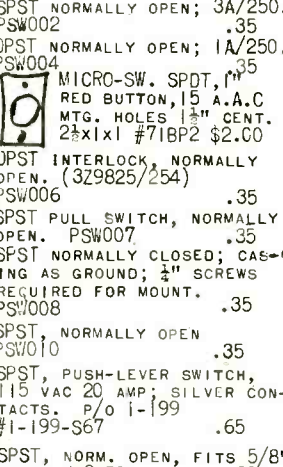
SPST PULL SWITCH, NORMALLY
OPEN. PSW007 .35

SPST NORMALLY CLOSED; CASE-
ING AS GROUND; 1/4" SCREWS
REQUIRED FOR MOUNT.
PSW008 .35

SPST, NORMALLY OPEN
PSW010 .35

SPST, PUSH-LEVER SWITCH,
115 VAC 20 AMP; SILVER CON-
TACTS. P/O I-199
#I-199-S67 .65

SPST, NORM. OPEN, FITS 5/8"
HOLE. J-3-PB .39

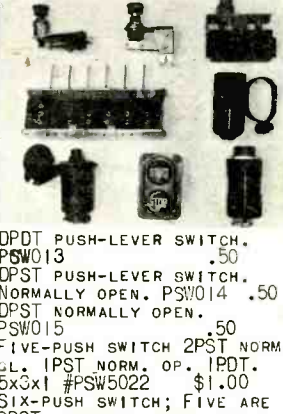


ROCKER SWITCHES
0319 SPST
39¢ 3 FOR \$1.00

0348 DPDT
59¢ 2 FOR \$1.00

0320 SPDT MOMENTARY BOTH
SIDES. 65¢ EA. 2 FOR \$1.20

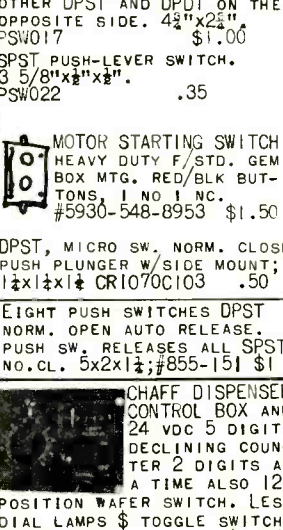
0347 DPDT MOMENTARY BOTH
SIDES. 80¢ EA. 2 FOR \$1.50



PUSH
BUTTON
SELECTOR

WHITE BUTTONS, 1 THRU 4
SEPARATE CONTACTS, 5, 6, 7
MAKE 2, 3, 4 RESPECTIVELY W/
COMMON. RED BUTTON RELEASE
ALL. RATED 5/120/240VAC 8;
SIZE: 4 1/2"x1 1/2"x2 1/2"; WT: 2 LBS.
GE#ASP8128-417 UNUSED \$.75

LEVER SWITCHES



TELEPHONE TYPE LEVER SWITCH
6 MAKE ONE SIDE-CENTER "OFF"
6 MAKE OTHER SIDE; REMOVED.
#HAC4803 \$.60

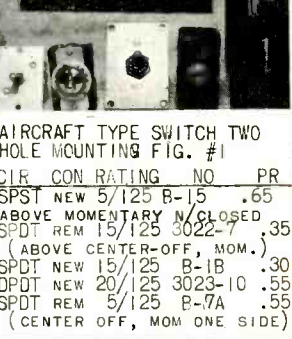
4 CIRCUIT EA. SIDE NORMALLY
OPEN #329818-9.1 50¢ EA.

1 SIDE 8 BREAK 8 MAKE 4
MAKE OTHER 1 BREAK
#SW-BC1323 RE-MOVED 60¢

1 SIDE 2 MAKE OTHER SIDE
2 BREAK 2 MAKE SW-EE-2 35¢

TCK#404 GE#P7763503-2 50¢
1 SIDE DPDT NC & DPST NO.

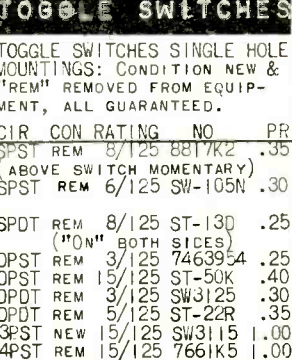
SWITCHES



AIRCRAFT TYPE SWITCH TWO
HOLE MOUNTING FIG. #1

CIR CON RATING NO PR
SPST NEW 5/125 B-15 .65
ABOVE MOMENTARY N/C CLOSED
SPDT REM 15/125 3022-7 .35
(ABOVE CENTER-OFF, MOM.)
SPDT NEW 15/125 B-1B .30
SPDT NEW 20/125 3023-10 .55
SPDT REM 5/125 B-7A .55
(CENTER OFF, MOM ONE SIDE)

TOGGLE SWITCHES



TOGGLE SWITCHES SINGLE HOLE
MOUNTINGS: CONDITION NEW &
"REM" REMOVED FROM EQUIP-
MENT, ALL GUARANTEED.

CIR CON RATING NO PR
SPST REM 8/125 887K2 .35
(ABOVE SWITCH MOMENTARY)
SPST REM 6/125 SW-105N .30

SPDT REM 8/125 ST-130 .25
("ON" BOTH SIDES)

DPST REM 3/125 7463954 .25

DPST REM 15/125 ST-50K .40

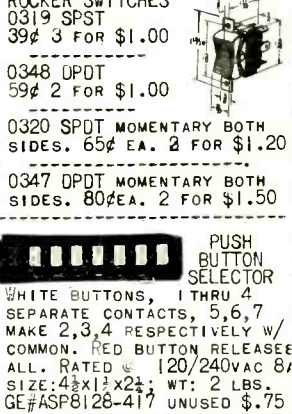
DPDT REM 3/125 SW3125 .30

DPDT REM 5/125 ST-22R .35

SPST NEW 15/125 SW3115 1.00

4PST REM 15/125 7661K5 1.00

BARKELEW DPDT SWITCH, PIC-
TURED ABOVE, FAR RIGHT.
15 AMP 125 VOLTS AC. WITH
FRONT MTG. SIZE: 5x6x1 1/2
WT: 1 LB. UNUSED \$1.50



ROCKER SWITCHES
0319 SPST
39¢ 3 FOR \$1.00

0348 DPDT
59¢ 2 FOR \$1.00

0320 SPDT MOMENTARY BOTH
SIDES. 65¢ EA. 2 FOR \$1.20

0347 DPDT MOMENTARY BOTH
SIDES. 80¢ EA. 2 FOR \$1.50

LEVER SWITCHES



TELEPHONE TYPE LEVER SWITCH
6 MAKE ONE SIDE-CENTER "OFF"
6 MAKE OTHER SIDE; REMOVED.
#HAC4803 \$.60

4 CIRCUIT EA. SIDE NORMALLY
OPEN #329818-9.1 50¢ EA.

1 SIDE 8 BREAK 8 MAKE 4
MAKE OTHER 1 BREAK
#SW-BC1323 RE-MOVED 60¢

1 SIDE 2 MAKE OTHER SIDE
2 BREAK 2 MAKE SW-EE-2 35¢

TCK#404 GE#P7763503-2 50¢
1 SIDE DPDT NC & DPST NO.

PUSH-TO-TEST

PUSH TO TEST INDICATORS WITH MARKINGS ALSO HAVE CLEAR & AMBER LENSES

PUSH-TO-TEST INDICATORS. DOUBLE LAMP HOLDERS WITH MINIATURE BAYONET BASE, 2 1/2" x 1 1/2" x 3/4". KORRY ST-260 SCREW TERMINALS OR TYPE 260 WITH SOLDER TERMINALS. AVAILABLE WITH THE FOLLOWING INSCRIPTIONS:
 POWER - AIR CONDITIONING-IGNITER - POWER SUPPLIES-ERECTOR - 100% LIQ OXY
 PRICE: \$1.00

PUSH-TO-TEST INDICATOR WITH MINIATURE BAYONET SINGLE LAMP HOLDER. 2 1/2" x 1 1/2" x 3/4". KORRY ST-136 SCREW TERMINALS OR TYPE 136 WITH SOLDER TERMINALS. AVAILABLE WITH THE FOLLOWING INSCRIPTIONS:

LOW - OVERLOAD - MAF. - POWER ON
 PRICE: \$.75

PUSH-TO-TEST INDICATOR WITH MINIATURE SCREW BASE. RED 7/16" DIA. SMOOTH JEWEL. 0" TO 3/8" SURFACE CLEARANCE. REQUIRES 3/8" HOLE TO MOUNT. 1 5/8" LONG. USED.
 VM-500-2 \$.50

INDICATOR LITE ONLY KORRY #TYPE 103, 5/8 SINGLE HOLE MTG. PUSH-ON RED PLASTIC CAP-PLASTIC BODY.
 #6210-299-5167 \$.50

PUSH-TO-TEST INDICATOR WITH MINIATURE BAYONET DOUBLE LAMP HOLDER. 2 5/8" x 1 1/2" x 5/8" WITHOUT LAMP COVER. COVERS NOT AVAILABLE. NEW KORRY TYPE 261 WITH SOLDER TERMINALS
 PRICE: \$.50

INDICATOR LIGHT WITH MINIATURE BAYONET DOUBLE LAMP HOLDER. 2 1/2" x 1 1/2" x 3/4". INSCRIBED WITH "CHECK FULL RPM" NEW. KORRY TYPE 204 SOLDER TERMINALS.
 PRICE: \$.50

BULLS EYE PILOT LIGHTS

DULL FINISHED BRASS, BAYONET BASE, AND 0" TO 1/2" SURFACE CLEARANCE. ALL USED. LESS BULBS. PRICE: \$.39 EA

B. PILOO1. 7/16" CLEAR JEWEL. SINGLE CONTACT MINIATURE BASE. 2-1/8"x7/8"
 D. LH62BY2. 3/4" DIA. AMBER JEWEL. SINGLE CONTACT MINIATURE BASE. 2 1/2"x1"

GRIMES INDICATOR LIGHT WITH ROUND LENS CAP; RED LENS, SUB-MIN. 28V. BULB INCLD. 7/16" THREADED BASE; SINGLE CONTACT. 3/4"x1 1/2"
 6220-333-5827 \$.50



PILOT LIGHT JEWELS

RED, FACETED, 3/8" DIA. JEWEL. SCREWS INTO 11/16" DIA. HOLE OF DESIRED ASSEMBLY.
 TYPE 81 \$.15 EA.

SMOOTH RED JEWEL 3/8" IN DIAMETER. SCREWS INTO A 3/8" ASSEMBLY.
 SERIES-F \$.15 EA

LARGE 5/8" FACETED AMBER JEWEL. SLIPS OVER BRACKET 7/8" IN DIAMETER. HAS ALSO MOUNTING HOLES FOR 3/32" SCREWS.
 225368/1 \$.15 EA

3/8" DIA. WHITE SLIP-IN LAMP CAPS FOR SWITCHBOARDS. (NOT PICTURED) SLIPS INTO 3/8" HOLE.
 4C1971 \$.15 EA 100/\$10

SUB-MINIATURE PILOT ASSEMBLY. 5/16" AMBER FACETED JEWEL FIT INTO BRACKET WITH AN OPENING OF 5/16". REQUIRES DOUBLE TERMINAL PLUG-IN OR SOLDER-IN NEON LAMPS. 1" LONG AND 1" HIGH.
 PILO10 \$.15 EA 8/\$1.00



SUB-MINIATURE NEON PILOT LIGHT ASSEMBLY. FLUTED 5/16" DIA. CLEAR JEWEL. BASE IS FEMALE PART FOR A THREE PRONG PLUG WITH 1/16" DIA. HOLES IN ISOSCELES TRIANGLE PATTERN. MOUNTS IN 3/8" HOLE. 0" TO 3/8" SURFACE CLEARANCE. 1 3/8" LONG. INCLUDES BULB. USED. 110V. PILOO7 \$.25 5/\$1.00

SINGLE TERMINAL AND CONTACT SUB-MINIATURE DIMMER PILOT LIGHT. MECHANICAL DIMMER VARIES SIZE TO COMPLETE DARKNESS. REQUEST T-1 1/2 BULB. 5/16" DIA. SMOOTH RED JEWEL. MOUNTS IN 7/16" HOLE. 1 3/8" LONG. LESS BULB. NEW.
 6210-643-4087 \$.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. CLEAR STOVEPIPE, SMOOTH 5/8" DIA. JEWEL. MOUNTS IN 1 1/16" HOLE. SURFACE CLEARANCE IS 0" TO 3/8 2 1/8" LONG. LESS BULB. USED.
 PILOO8 \$.39

ALL PLASTIC PILOT LIGHT. SINGLE CONTACT, MINIATURE SCREW TYPE BASE. RED FLUTED, COVER-LIKE JEWEL 3/8" IN DIAMETER. NEEDS 3/8" HOLE. SURFACE CLEARANCE OF 0" TO 3/8". THERE IS NO ADJUSTING INSTALLATION DEPTH BY A NUT TWO 3/32" SCREWS ARE NEEDED TO ANCHOR LIGHT. 1 1/2" LONG. LESS BULB. USED.
 PILOO9 \$.39



PILOT LIGHT WITH A SINGLE CONTACT, CANELABRA SCREW BASE. LARGE 1" DIA. RED JEWEL FACETED ONLY AT THE EDGE. REQUIRES 1" HOLE AND HAS SURFACE CLEARANCE OF 0" TO 3/8". 2 3/8" LONG. LESS BULB. UNUSED.
 PILOO2 \$.59

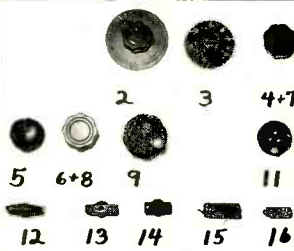
PILOT LIGHT WITH SINGLE CONTACT, CANELABRA SCREW TYPE BASE. 1" DIA. RED-FACETED JEWEL. MOUNTS IN 1" HOLE WITH SURFACE CLEARANCE OF 0" TO 3/8". 2 1/2" LONG. LESS BULB, UNUSED.
 PILOO3 \$.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. 3/8" DIA. SMOOTH. GREEN JEWEL. MOUNTS IN 5/8" HOLE WITH A SURFACE CLEARANCE OF 0" TO 1/4". 2 1/16" LONG. LESS BULB, UNUSED.
 PILOO4 \$.49



LAMP HOLDERS FOR 327 LAMPS 3/8" HOLE MTG. FLAT TOP LENSE 3/8" DEEP, VARIOUS COLORS AND NUMBERS. PLAIN LENSE RED, AMBER, GREEN YELLOW. NUMBERS 1 TO 9
 #6210-617-0934 PLAIN \$.45
 NO. 35 327 LAMP \$.39

NEON CYLINDRICAL TYPE LITE #3509 115V 100K 3/8x1 1/2" ELDEMA V W/RES. 3/8x1 1/2" #2685 28V .04A 1/4x7/8 OBLONG SLIP IN TYPE NEON 1/2x1-3/8" 125V. #3100 USED ALL ABOVE 3 FOR \$1.00



FLUTED KNOBS

2-3/8" FLUTED KNOB W/3" SKIRT, BRASS INSERT FOR 3/4" SHAFT GR#9682 \$1.00
 2-3/8 FLUTED KNOB W/2-7/8 SEMI SKIRT, INSERT FOR 3/4" SHAFT. GR#9566 \$1.00
 1 1/2" DIA. FLUTED KNOB WITH REMOVABLE 3" DIAL WITH MARKING 34L-0-34R. BRASS INSERT FOR 3/16 DIA. SHAFT. KNBNO02 \$.25

1" DIA. FLUTED KNOB WITH 2 1/2" NON-LINEAR CALIBRATED DIAL. BRASS INSERT WITH 3/8" DIA. HOLE.
 KNB003 \$.25

1 1/2" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR 3/4" SHAFT.
 KNBNO04 EA \$.25, 5/\$1.00

1 1/2" DIA. FLUTED KNOB WITH SKIRT AND POINTER. BRASS INSERT FOR 3/4" SHAFT.
 KNBNO05 \$.25

1 1/2" FLUTED KNOB WITH BRASS INSERT FOR 3/4" SHAFT.
 KNBNO06 \$.25

1" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR 3/4" SHAFT.
 KNBNO07 \$.25

1" DIA. FLUTED KNOB WITH BRASS INSERT FOR 3/4" SHAFT.
 KNBNO08 \$.25

ALL THE ABOVE KNOBS ARE OF SET SCREW TYPE.

SPIN KNOBS

2" DIA. METAL FLUTED SPIN KNOB FOR 5/32" SHAFT.
 KNBNO09 \$.79

2 1/2" DIA. SPIN KNOB. METAL. TAKES 3/16" SHAFT.
 #8089 NEW \$2.00

MAKE ANY FLAT KNOB A SPIN 1 1/2" ADAPTER WITH 3 HOLES, TO FASTEN TO YOUR KNOB, WITH SPIN GRIPPER #225816-3 \$1.00

MILLEN KNOB 3 1/2" FLUTED, 0-100 SCALE, TAKES 3/4" SHT. #10008 NEW \$3

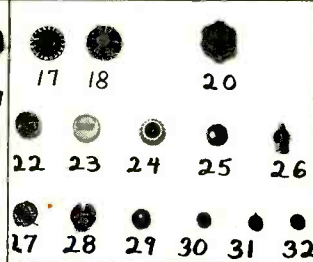
SAME STYLE AS ABOVE 2 1/2" DIA. #EMCO2750100 USED \$2.00

SAME STYLE AS ABOVE 0-100 360 4" EMCO#40100360 \$3.00

1-5/8" DIA. PLASTIC KNOB WITH 2 1/2" DIA. ALUMINUM SKIRT, CALIBRATED 0 TO 10. BRASS INSERT FOR 3/4" SHAFT. #9414 NEW \$1.50

1-1/8" DIA. FLUTED PLASTIC KNOB WITH 1 1/2" DIA. SKIRT. BRASS INSERT FOR 3/4" SHAFT. #9347 NEW \$.50

1" DIA. PLASTIC KNOB WITH 1 1/2" DIA. SKIRT. CALIBRATED ALPHABETICALLY A, B, ... Y, Z. SKIRT ALUMINUM. 3/8" HOLE. #5312 NEW \$.50



BAR TYPE KNOBS

BAR TYPE BAKELITE KNOB FOR 3/4" SHAFT. 1 1/2" x 3/4" x 5/8". SET SCREW TYPE.
 KNBNO12 \$.25

BAR TYPE BAKELITE KNOB FOR 3/4" SHAFT WHICH MUST BE TAPED FOR SET SCREW. 1 1/2" x 3/4" x 5/8".
 KNBNO13 \$.25

RECTANGULAR BAR TYPE BAKELITE KNOB 1 1/2" x 3/4" x 5/8", WITH BRASS INSERT FOR 3/4" SHAFT. SET SCREW TYPE.
 KNBNO14 \$.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR 3/4" SHAFT TAPED FOR SET SCREW. 2" x 3/4" x 3/4".
 KNBNO15 2/\$.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR 1/8" SHAFT TAPED FOR SET SCREW. 1 1/2" x 5/8" x 3/4".
 KNBNO16 \$.25

BAKELITE BAR TYPE KNOB 1" x 1/2" x 3/4" ON 1 1/2" REMOVABLE DIAL FOR 3/4" SHAFT. SET SCREW.
 KNBNO17 \$.25

1 1/2" DIA. METAL KNOB FOR 3/4" SHAFT WITH TWO SET SCREWS. FINGER GRIP KNOB FOR HEAVY SWITCHING APPLICATIONS.
 KNBNO18 2/\$.35

HAMMARLUND DIAL #31227-3 2 1/2" x 1-5/8" KNURLED KNOB WITH SKIRT DIAL MARKED 10-0 SILVER EDGED #E9821 \$1.50

1 1/2" BAKELITE KNOB FOR USE WITH 3/4" SHAFT. USED FOR APPLICATIONS WHERE EXTRA GRIP IS REQUIRED. 1 1/2" x 1" HIGH.
 KNBNO20 \$.25 EA. 5/\$1.00

3/4" RIBBED KNOB 7/8" DEEP 1" SKIRT F/3/4" SHAFT DULL BLK. KNB7820 35¢

5/8" x 3/4" SAME AS ABOVE BRIGHT BLK. KNB1261 20¢

BAKELITE INSTRUMENT KNOB 1" DIA. 1" HIGH. BRASS INSERT FOR 3/4" SHAFT AND SET SCREW.
 KNBNO22 \$.25

1 1/2" KNOB MARKED "INCREASED OUTPUT" 3/4" HOLE WITH SET SCREW. 3/8" THICK. METAL.
 KNBNO23 \$.25

1 1/2" PUSH-ON KNOB FOR 3/4" SHAFT, W/MODIFICATION, BROWN
 KNBNO24 2/\$.25

BROWN BAKELITE 1" DIA. KNOB KNURLED SHAFT OF 3/4". 1 1/2" HIGH.
 KNBNO25 2/\$.25

BAKELITE POINTER KNOB WITH BRASS INSERT FOR 3/4" SHAFT. 1 1/2" x 1" x 3/4".
 KNBNO26 \$.25

MATCHED KNOBS, ROUNDED EDGE W/4 SETS OF 4 HASH RIDGES, LOOKS LIKE OLD HAMMARLUND. #E5168 2 1/2" \$3 #E5570 1 1/2" \$2

HALLICRAFTERS, WITH BIG 1 1/2" DIA. ARROW & GRIP BAR. H#81014 NEW \$1.00

MINIATURE LAMPS

STK#	TYPE	V.	A.	PASE	BULB	EA	PKG.	10	
225950	LM-50	2	.25	MIN SC.	G-6	.20		.75	
225950	511	2	.25	MIN SC.	G-6	.20		.75	
68521	LM-21	1.0	400	MED S6C.	G-30	.50		4.00	
	(LM-21 P/O SIGNAL LAMP EQUIPMENT EE-80)								
6240-6594	LM-41	110	6W	CAN SC.	#8	.20		1.50	
626806.6	TS87	6-8/15CP		CAN/BAY	S-8CL	.35		3.00	
225985.2	351	1.3	.1	MIN BAY	G3 1/2	.15		1.00	
8870-775		150		CAN SC.	6S6 CL	.20		1.00	
225954	LM-54	105-125		LEADS	T-2	.20		.75	
PR-6	LM-35	2.5	.3	FLASHLIGHT-2D		.15		1.00	
6240-7126		55	5W	MD SC.	S-14	.25		2.00	
DE EVRY494 (RED)		125	25W	CAN SC.	T-6	.25		2.00	
626812-5	LM-44	12-16		DC BAY	G-6	.20		.75	
225949	LM-49	28	1.7	MIN BAY	T3 1/2	.25		2.25	
6240-3394	336/5	115		DC BAY	T-4 1/2	.25		1.75	
	502	5	.15	MIN SC.		.20		.75	
626812-6	STANDARD LAMP	12	VOLT	FROSTED		.35		3.00	
PR-10	FLASHLIGHT	6	.55	5D CELLS	T-1	.15		1.00	
225882		22	.55	MIN SC.	G-6	.30		2.00	
626827	LM-30	17	.11	MIN SC.	T-3 1/2	.20		1.00	
	NE-2	1		CAN BAY	T-8	.20		1.00	
		1/17		AMP 2F	SLIDE BASE	.10		.75	
	4C5491-K1			K1	SLIDE BASE	.10		.75	
GE# 5F001	4 WATT FLUORESCENT LAMP, 5-3/8" LONG, TERMINAL TO TERMINAL							\$.25 EA.	24 FOR \$3.



MARINE TYPE 600 WATT 28 VOLT GE Q600 PAR 56/1 SCREW TERMINALS PRICE: \$6.00 EA. WRITE FOR 100 LOT PRICE.

GRIMES LAMP ASSY. #4725-24 WITH 327 GRAIN/WHEAT BULB. 6220-333-5827 59¢ EA. 2 FOR \$1



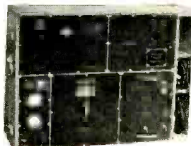
DYNAMOTOR TESTER



TS-114 DYNAMOTOR TESTER
THIS EQUIPMENT PROVIDES A MEANS OF TESTING DYNAMOTORS OF SEVERAL TYPES UNDER LOAD CONDITIONS. PROVISION IS MADE FOR THE MEASUREMENT OF INPUT VOLTAGE, INPUT CURRENT, OUTPUT VOLTAGE, OUTPUT CURRENT AND OUTPUT RIPPLE VOLTAGE OF BOTH SINGLE AND MULTIPLE OUTPUT DYNAMOTORS. METERS; INPUT D.C.V.; INPUT AC VOLTS RMS; DC OUTPUT CURRENT; DC OUTPUT VOLTS POWER REQUIRED: 14/28 VDC, 50 AMPS. SIZE: 27x21x17. WT. 100 LBS. \$35.00

PUT VOLTAGE, OUTPUT CURRENT AND OUTPUT RIPPLE VOLTAGE OF BOTH SINGLE AND MULTIPLE OUTPUT DYNAMOTORS. METERS; INPUT D.C.V.; INPUT AC VOLTS RMS; DC OUTPUT CURRENT; DC OUTPUT VOLTS POWER REQUIRED: 14/28 VDC, 50 AMPS. SIZE: 27x21x17. WT. 100 LBS. \$35.00

SIGNAL GENERATOR

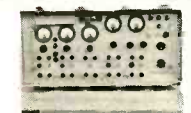


1-96-A SIGNAL GENERATOR
WV11-VINTAGE SET EMITS 12 MHZ FIXED IF OR 100 TO 156 MHZ AM RF SIGNAL. 30% MODULATION AT 100 HZ; OUTPUT: 0-5000 U-VOLTS UNCALIBRATED, CRYSTAL-CONTROLLED. METERING FOR 0-1 MA DC AND FOR DUMMY ANTENNA 0-500 RF MA. WITH TUBES 2/9002, 4/9003, 0D3, AND 5Y3. POWER REQUIRED: 115 VAC 60 HZ OR 135 VDC AND 6 VDC. SIZE: 26x19x19. SHPG. WT: 90 LBS. USED, \$39.50

2/9002, 4/9003, 0D3, AND 5Y3. POWER REQUIRED: 115 VAC 60 HZ OR 135 VDC AND 6 VDC. SIZE: 26x19x19. SHPG. WT: 90 LBS. USED, \$39.50



TS-35/AP SIGNAL GENERATOR
USED FOR THE TESTING AND GENERAL MAINTENANCE OF RADAR EQUIP. PRODUCES SIGNALS, CW OR PULSED INTERNALLY OR EXTERNALLY SYNCHRONIZED, OF KNOWN FREQUENCY AND POWER. USED TO MEASURE THE FREQUENCY AND AVERAGE POWER OF RADAR TRANSMITTER SIGNALS, AND TO PRODUCE FM SIGNAL FOR DETECTION OF DEFECTS IN RADAR EQUIP. WILL MEASURE SIGNAL TO NOISE RATIO, TRANSMIT RECEIVE RECOVERY TIME, FREQUENCY PULLING, AFC OPERATION AND BANDWIDTH. FREQUENCY RANGE: 8700-9500 MC; POWER SUPPLY 115V±10% 50-1200 CYCLES SIZE: 9x9x14, WT: 35 LBS. PRICE: USED, \$39.95



PP-351/U POWER SUPPLY; PORTABLE POWER UNIT PROVIDING REGULATED DC POWER FOR TESTING COMMUNICATION EQUIP. AN/PRC-6, 8, 9 & 10; SCR-510 & 610; AND RECEIVER-TRANSMITTER BC-1000. INPUT: 115/230V. 2.6/1.3 AMPS, 50/60 CYCLES OUTPUT, A₁: .9 TO 1.8 VDC @ 0 TO 1.5 AMPS A₂: .9 TO 1.8 VDC @ 0 TO 1 AMP AND 2.5 TO 8.6 VDC @ 0 TO 1 AMP. B₁ & B₂: 22.5 TO 150 VDC @ 0 TO 100 MA. C₁: 0 TO 22.5 VDC @ 0 TO 1 MA. INCLD. INPUT CABLE AND OUTPUT CABLES FOR PRC-6; PRC-8, 9, 10; SCR-510, 610; AND BC-1000 SIZE: 25x11x14. WT: 150 LBS. USED \$49.50

OSCILLOSCOPE



TS-34A/AP OSCILLOSCOPE, SMALL PORTABLE UNIT WITH 2API CRT. BANDWIDTH: 30 HZ TO 1 MHZ. RISE TIME: 0.25 TO 30,000 U-SEC.

SWEEP TIME ADJUSTABLE IN THREE RANGES FROM 10 TO 50,000 HZ. INPUT IMPEDANCE 62 OHMS OR 430,000 OHMS PARALLELED BY 12 MMF. INPUT VOLTAGE SENSITIVITY 10 TO 100 VOLTS AT 40 DB. EXTERNAL CONNECTION POSSIBLE TO ONE VERTICAL AND BOTH HORIZONTAL PLATES. WITH TUBES 4/6AK5, 2/6AG7, 2/6SL7, 6SN7, 5Y3, 6X5 AND 2API. POWER REQUIRED: 115 VAC 50 TO 1200 HZ. SIZE: 20x9x8 SHPG. WT: 40 LB PRICE: USED, REPARABLE \$34.95 CHECKED \$49.95

ARC-34 TEST SET



AN/TRM-76 TEST METER USED TO TEST CIRCUITS IN THE ARC-34 RADIO SET. CAN BE USED AS A DC VOLTMETER WITH RANGES: 1.5, 5, 15, 50, 150 AND 500 VDC. WITH FS=50 U.A. 3" RD. METER, SCALE: 0-15-50 VOLTS-MILLIAMPS DC. TEST LEADS AND PROBE INCLD. SIZE: 7x6x3. WT: 10 LBS. USED, \$49.95

SIZE: 7x6x3. WT: 10 LBS. USED, \$49.95

MULTI-PURPOSE TEST SET



AN/TRM-1 SIGNAL GENERATOR AND POWER METER. 0.19-400 MHZ AM; DESIGNED TO PROVIDE PERFORMANCE MEASUREMENTS ON RECEIVERS AND TRANSMITTERS SUCH AS PERCENT MODULATION, POWER OUTPUT, AND CARRIER LEVEL SHIFT. CONSISTS OF TWO RF OSCILLATORS; SG-32 MODULATED INTERNALLY 0-60% 1000 HZ OR EXTERNALLY 200-6000 HZ. EACH HAS A NINE STEP FIXED ATTENUATOR 2.5-100000 uV, 50 OHM IMPEDANCE. ALSO VOLT/MW METER: DCV, 3, 30, 300, 600 @ 20K u/V. ACV: 3, 30, 300 @ 5k u/V. MW, 10, 100, 1000 200-6000 HZ, INPUT IMP 300 OHMS. RF WATTS 3-100 OVER RANGE 0.19-400 MHZ THROUGH THE USE OF CU-413 AND CU-220 COUPLERS WHEN USED WITH THE APPROPRIATE DUMMY LOAD. (COUPLERS AND LOAD NOT INCLUDED.) POWER REQUIRED: 115 VAC 60 HZ. SIZE: 18x13x8; SHPG. WT: 65 LBS. PRICE: USED, REPARABLE, \$195.00 USED, CHECKED, 260.00

ACCESSORIES FOR AN/TRM-1. QUANTITY LIMITED
MX-1652 ANTENNA SIMULATOR, REC \$5.00
MX-2079 TEST ADAPTER 50 OHM 5.00
CN-399 FIXED ATTENUATOR 6 DB 5.00
CN-287 FIXED ATTENUATOR 12 DB 5.00
CX-3049 SPECIAL PURPOSE CABLE 5.00
CX-3824 OSCILLATOR EXTENDER CABLE 7.50
CU-220 RF COUPLER-DETECTOR, \$7.50

FR-72 TUNED CAVITY PORTABLE-RINGING CAVITY USED FOR TESTING THE OVERALL PERFORMANCE OF RADAR EQUIPMENT SUCH AS POWER OUTPUT & FREQUENCY SPECTRUM. THE ECHO BOX CONTAINS A PRECISE-DIMENSIONED, SILVER-PLATED RESONANT CAVITY THAT OPERATES AS A SHARPLY TUNED CIRCUIT IN WHICH INDUCTANCE AND CAPACITANCE ARE TUNED TO RESONANCE AT THE FREQUENCY MEASURED. FREQ. RANGE 8500 TO 9000 MEGAHERZ. A 3" RD. 0-30 MICROAMMETER IS USED TO INDICATE PART OF THE STORED ENERGY. POWER IS OBTAINED FROM THE UNIT UNDER TEST. SUPPLIED WITH IN-23B CRYSTAL DIODE, UG-44E/U ADAPTER AND 8 FOOT COAXIAL CABLE. SIZE: 16x26x14 WT: 45 LBS. UNUSED \$14.95

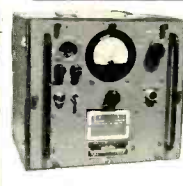


TS-62 ECHO BOX & CAVITY PORTABLE SELF-CONTAINED MANUALLY TUNED TEST SET USED FOR CHECKING RADAR EQUIPMENT IN THE 9320-9420 MHZ RANGE. IT WILL DETERMINE THE FREQ. OF CW, MCW OR PULSED SIGNALS, MEASURE THE RELATIVE OUTPUT ON 0-20 3" MICROAMMETER, DETECT DOUBLE MODING OF MAGNETONS AND GIVES SIGNAL-TO-NOISE RATIO OF REC. ANTEENNA PICK-UP ASSY. WITH CABLE PROVIDED. SIZE: 6x18x11. WT: 15 LBS. USED \$9.95

AUDIO LEVEL METER

DAVEN TR-924C AUDIO LEVEL METER; AS TERMINATING INSTRUMENT, IT INDICATES -40 TO +20 DB; -20 TO +20 DB WHEN BRIDGING. INPUT IMPEDANCE: 600 OHMS BALANCED (TERM.) OR 12,500 OHMS (BRIDGE). FREQ. RESPONSE: 50-10,000 HZ @ ±0.1 DB; 20 TO 20,000 HZ @ -2.0 TO 0.5 DB. TRANSISTORIZED. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 19x5x7. SHPG. WT: 23 LBS. PRICE: USED, \$50.00

TS-305B POWER METER



TS-305B/UP POWER METER USED TO MEASURE PEAK RF POWER OF RADIO AND RADAR SETS. FREQUENCY RANGE: 220 TO 320 MHZ. POWER RANGE: 0 TO 50 KILOWATTS INDICATED ON 3" ROUND MICROAMMETER. INPUT IMPEDANCE: 50 OHMS. POWER REQUIRED: 115 VAC 50-1600 HZ. SIZE: 12x11x10. SHPG. WT: 32 LBS. PRICE: USED, REPARABLE, \$75.00

SSB TRANSCEIVER

RT-594/ARC-38A TRANS-CEIVER COVERS 2.0 TO 25 MHZ FROM 20 PRESET CHANNELS; FREQ. INTERVAL: 500 HZ (2.0-7.25 MHZ) AND 1000 HZ (7.25-25.0 MHZ). HAS AUTOTUNE FROM CHANNEL TO CHANNEL. TRANSMITS SSB OR AM SIGNALS WITH MINIMUM PEAK OUTPUT OF 100 WATTS (2-14.25 MHZ) AND 90 WATTS (14.25-25 MHZ). ANTENNA TUNE POWER: 50 WATTS. CARRIER SUPPRESSION: 40 DB MIN. RECEIVES AM, DSB, AND SSB. SENSITIVITY: 1.5 U-V. FOR 10 DB (SSB); SELECTIVITY: 3 KHZ MIN. BANDWIDTH @ 6 DB DOWN; 8 KHZ MAX. @ 60 DB DOWN. CAN BE USED WITH FSK. UTILIZES A VFO, SPECIAL DISCRIMINATOR AND REFERENCE OSCILLATOR SUBASSEMBLIES. WITH 25 TUBES. POWER REQUIRED: 28 VDC AND 115 VAC 400 HZ. 600 VDC, 250 VDC, -50 VDC, -65 VDC AND 6.3 VAC. 115 V. 400 HZ FOR SELSYN ON PA INDUCTOR. SIZE: 15x8x23. WT: 65 LBS. PRICE: RT-594/ARC-38A, USED, REPARABLE, \$185.



618S-1/MC TRANSCEIVER MODIFIED FOR SSB. SIMILAR SPECS AS THE ARC-38A, USED, \$140.00

RT-311/ARC-38 TRANSCEIVER, SIMILAR TO THE ARC-38A, BUT WITHOUT SSB. USED, \$99.50

COLLINS 618S-1 TRANSCEIVER, SIMILAR TO RT-311/ARC-38, BUT WITHOUT VFO. CRYSTAL-CONTROLLED AM RECEIVER. USED, REPARABLE, \$65.

R.F. TUNER FROM COLLINS 618S-1, SLUG TUNING WITH TUBES 2/5654, 3/5749, 4/5750 & 2/5686. 8x7x6. WT: 10 LBS. #5718/618S-1, USED, \$15.

MODULATOR FROM 618S-1, INCLUDES AUDIO DRIVE AND TUBES 2/6159, 5751, 5814, & 5726. MODULATION TRANSFORMER IS NOT PART OF THIS SUBASSY. 4x3x6, WT: 4 LBS. #3599/618S-1, USED, \$7.95

POWER AMPLIFIER FROM 618S-1; INCLUDES 100 W VARIABLE INDUCTOR COIL OR 27 TURNS OF #14 WIRE (12.8 FT.) FOR 2 TO 25 MHZ. ROTATED BY 115 VAC 400 HZ. SELSYN. WITH TUBES 3/6159. SIZE: 11x5x6; WT: 10 LBS. #3496/618S-1, USED. PRICE: WITH TUBES, \$18.50. LESS TUBES, \$14.95

SCHEMATICS FOR 618S-1 SUBASSEMBLIES, \$1.00 EA MATING CONNECTORS FOR " , \$1.50 EA

C-BAND AMP-MULTIPLIER



AM-915/GRC AMPLIFIER-MULTIPLIER, ORIGINALLY USED WITH THE T-302/GRC TRANSMITTER TO COVER THE C BAND, 225-400 MHZ FM. OUTPUT: 120 WATTS DRIVEN BY TWO 4X150's. SIZE: 12x6x14, SHPG. WT: 45 LBS. USED, \$54.95
AM-1180/GRC 50-100 MHZ, (1) 4X150A, \$49.50
AM-2537/TRA, 790-915 & 840-925 MHZ, \$59.50

AMPLIFIER-CONVERTER PLUG-IN UNITS USED WITH R-417/GRC RECEIVER. 30 MHZ IF. CONTINUOUS TUNING OF RF AND OSCILLATOR. USED, COMPLETE. SIZE: 7x6x9. SHPG. WT: 17 LBS. \$39.50
AM-1179/GRC, 50-100 MHZ, \$49.50
AM-914/GRC, 225-400 MHZ, 4/6J4, 5670, \$44.50
AM-1177/GRC, 400-600 MHZ, \$44.50

F-194/U BANDPASS FILTER FOR R-417/GRC RECEIVER, 142 TO 163 MHZ. OTHERS LISTED BELOW.

F-193/U 121-142 MHZ	
F-195/U 163-184 "	
F-196/U 184-205 "	PRICE: USED
F-197/U 205-226 "	\$12.95
F-199/U 224-254 "	
F-200/U 254-284 "	F-238/U 50.0-58.5 MHZ
F-201/U 284-314 "	F-239/U 58.5-67.0 "
F-202/U 314-344 "	F-240/U 67.0-76.0 "
F-203/U 344-374 "	F-241/U 75.0-84.0 "
F-204/U 374-404 "	F-242/U 84.0-92.5 "

WRITE ABOUT OTHERS



RF & IF MODULE



RF & VARIABLE IF MODULE FROM R-540/ARN-14 RECEIVER. 108 TO 135.9 MHZ RF; VARIABLE IF OF 19.5-21.4 MHZ. REQUIRES 88.5 TO 114.5 OSCILLATOR INJECTION (NOT PART OF MODULE). WORM-DRIVE VAR. CAPACITOR FOR TUNING. WITH TUBES 2/5654, 5670, AND 5725. 10x3x3. 12 LBS. UNUSED. \$9.95

OSCILLOSCOPE



HEWLETT-PACKARD 150A OSCILLOSCOPE with H-P 152B dual-trace plug-in; General purpose scope has a DC to 10 Mhz vertical bandwidth and a 5" display. Vertical Sensitivity: 50 mv/cm to 50 v/cm. Sweep Time: 0.1 u-sec/cm to 5 sec/cm. Sweep magnification X1, X5, X10, X50, X100. Horizontal Sensitivity: 0.2 v/cm to 5 v/cm. Calibrator 0.2 mv to 100 v. Power required: 115/230 vac 50-440 Hz. Size: 16x14x23 1/2 Shpg. wt: 100 lbs. Price: Used, repairable \$250. Checked \$300.

PLUG-IN TYPE SCOPES



LA-545 OSCILLOSCOPE, DC to 30 Mhz RESPONSE and DUAL-TRACE CAPABILITIES WITH PROPER PLUG-IN. SIMILAR TO TEKTRONIX 545A AND ACCEPTS ALL TEK LETTER AND "I" SERIES VERTICAL PLUG-INS. HORIZONTAL SENSITIVITY: 0.2 v/cm to 15 v/cm. SWEEP RATE: 0.1 u-sec/cm to 5 sec/cm IN 24 STEPS (TIME BASE A) AND 2 u-sec/cm TO 1 sec/cm IN 18 STEPS (TIME BASE B) SWEEP DELAY: 2 u-sec TO 10 sec/cm. AMPLITUDE CALIBRATOR: 1000 Hz SQUAREWAVE, 2 mv-100 v. SOLD LESS PLUG-INS. POWER REQUIRED: 115/230 VAC 50-60 HZ. SIZE: 17x13x24, WT: 85 LBS. PRICE: USED, REPAIRABLE, \$395. CHECKED, \$495.

HICKOK 1805 O-SCOPE DC TO 15 Mhz AND DUAL-TRACE CAPABILITIES WITH PROPER PLUG-IN. SIMILAR TO TEKTRONIX 535A AND ACCEPTS TEK LETTER AND "I" SERIES PLUG-INS. LESS PLUG-IN. PRICE: USED, REPAIRABLE, \$295. CHECKED, \$395.

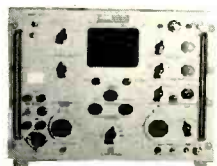


TEKTRONIX TYPE OSCILLOSCOPE PLUG-IN AMPS FOR USE WITH TEKTRONIX 530, 540, 550 SERIES AND SIMILAR MANUFACTURERS' SCOPES. SOLD AS "USED, REPAIRABLE-COMPLETE." ADD \$10.00 FOR TEKTRONIX MFG. UNIT.
 TYPE B WIDE-BAND, HIGH-GAIN, \$35.
 TYPE D HIGH-GAIN, DC DIFF., \$40.
 TYPE E, LOW LEVEL AC DIFFERENTIAL, \$45.
 TEK TYPE G, WIDE BAND DC DIFFERENTIAL, \$45.
 TEK TYPE MC, MILITARY DUAL-TRACE, \$125.
 TEK TYPE ML, MILITARY L FAST-RISE, \$75.
 TEK TYPE O, OPERATIONAL AMPLIFIER, \$175.
 TEK TYPE 53/54K, FAST-RISE, \$50.
 TEK TYPE P, SAMPLE TEST, \$35.
 TEK TU-2 TEST LOAD PLUG IN. TESTS 225V POWER SUPPLY UNDER LOAD. \$35.00
 TEK 81A ADAPTER FOR 580 SERIES \$35.00



AN/USM-81 OSCILLOSCOPE, similar to Tektronix 535, not Tektronix manufacture. DC to 11 Mhz, two time bases. Accepts TEK and similar "letter" and "I" series plug-ins. Sold less plug-ins. Shpg. wt: 80 lbs. Used. Repairable, \$250. Checked \$325.

AN/USM-50 OSCILLOSCOPE WITH 3ADP1 CATHODE RAY TUBE AND 15 Mhz BANDWIDTH, RISE TIME FROM 0.022 u-sec TO 30,000 u-sec. SWEEP TIME CONTINUOUSLY ADJUSTABLE FROM 0.17 TO 37,500 u-sec WITH SWEEP DELAY THAT ALLOWS 10% OF SWEEP LENGTH TO BE EXPANDED 10 TIMES FOR SWEEPS GREATER THAN 5 u-sec. TRIGGER PULSE FROM 10 TO 10,000 Hz WITH 0.15 u-sec RISE TIME. TIMING MARKERS SYNCHED AT 0.2, 1, 5, 20, 100, 500 AND 2000 u-sec. VERTICAL INPUT IMPEDANCE: 1 MEGOHM SHUNTED BY 40 UUF FOR ALL ATTENUATOR POSITIONS. HORIZONTAL IMPED: 1 MEGOHM SHUNTED BY 30 UUF INPUT VOLTAGE: 0.03 TO 90 VOLTS PEAK INPUT SENSITIVITY: 10 mv/cm-RMS CALIBRATION: 1 KHz ADJUSTABLE 20 TO 200 mv. EXTERNAL CONNECTIONS POSSIBLE TO BOTH THE VERTICAL PLATE AND THE HORIZONTAL AMPLIFIER. POWER REQUIRED: 115 VAC 50 TO 1000 HZ SIZE: 15 1/2 x 19 1/2 x 16 1/2 WT: 80 LBS. LESS PROBES PRICE: USED, REPAIRABLE \$75.00 USED, CHECKED \$100.00



HEWLETT-PACKARD SCOPES

H-P 130A OSCILLOSCOPE, DC TO 300 KHz. VERTICAL SENSITIVITY: 1 mv TO 50 v/cm. SWEEP RATE: 1 u-sec TO 15 sec/cm. X5 MAGNIFIER. SIZE: 9 1/2 x 15 x 21 1/2, WT: 50 LBS. USED. REPAIRABLE, \$125. CHKD. \$165.



H-P 120A SCOPE, DC TO 200 KHz. 1 u-sec TO 0.5 sec/cm SWEEP. OTHER FEATURES SIMILAR TO H-P 130A. PRICE: USED, REPAIRABLE, \$100. CHECKED, \$145.

H-P 175A SCOPE, w/1780A HORIZ. AND 1752B HIGH GAIN VERT. AMPS. DC TO 50 Mhz. DUAL-TRACE CAPABILITIES. USED, REPAIRABLE, \$550.00

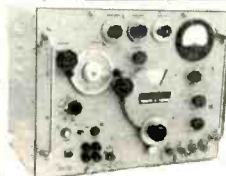
H-P 185B SAMPLING OSCILLOSCOPE WITH 187B DUAL-TRACE VERT. AMP. DC TO 1000 Mhz. RISE TIME: 2 n-sec. USED, REPAIRABLE, \$595.00 QUANTITIES ARE LIMITED. WRITE FOR MORE INFO.

10 TO 100 Mhz CONVERTER

NORTHEASTERN 14-21C FREQUENCY CONVERTER; 10 TO 100 Mhz COUNTER PLUG-IN EXTENDS FREQUENCY RESPONSE OF NORTHEASTERN 14-20C, FR-38, AND HEWLETT-PACKARD 524-SERIES FREQUENCY COUNTERS. BEIGE; WT: 10 LBS. PRICE: USED, REPAIRABLE \$35.00



SIGNAL GENERATOR



TS-403 SIGNAL GENERATOR, SIMILAR TO HEWLETT-PACKARD 616B; 1.8 TO 4.2 GHz DIRECTLY CALIBRATED. DESIGNED FREQUENCY CALIBRATION -1%. OUTPUT RANGE OF 1 mw OR .223 v. TO 0.1 u-v. INTO 50 OHM LOAD IS DIRECTLY CALIBRATED AND CONTINUOUSLY MONITORED. INTERNAL MODULATION 40 TO 4000 Hz; EXTERNAL PULSE MOD. REQUIREMENTS 40 TO 70 v. POS. OR NEG., WIDTH 1 u-sec TO 2500 u-sec; MAY BE SQUAREWAVE MODULATED. POWER REQUIRED: 115/230 VAC 50-1000 HZ. SIZE: 17 1/2 x 13 1/2 x 13 1/2, WT: 65 LBS. PRICE: USED, REPAIRABLE \$150.00

SCOPES LESS THAN \$100

OS-8 OSCILLOSCOPE w/3RP1 CRT HIGHLY PORTABLE UNIT HAS DC TO 2 Mhz VERT. RESPONSE. SWEEP RANGE: 3 TO 50 KHz. INPUT IMPED: 9 MEGOHMS SHUNTED BY 11 MMF (DC). DIRECT ACCESS TO VERTICAL AND HORIZONTAL DEFLECTION PLATES. SIZE: 9 1/2 x 6 x 15 1/2, WT: 20 LBS. PRICE: USED, REPAIRABLE, \$50. CHECKED, \$75.00.



OS-57/USM-38 SCOPE, PORTABLE UNIT WITH 10 Hz TO 6 Mhz VERT. RESPONSE, AC COUPLED. TRIGGERED SWEEP: 1 TO 100K u-sec. WITH SWEEP DELAY TIMING MARKERS, AND 3WPI CRT. SIZE: 9 x 13 x 16, WT: 40 LBS. ACCESSORIES EXTRA. WRITE. USED, REPAIRABLE, \$75.00. CHECKED, \$95.00

DUMONT 301A/USM-32 SCOPE, COMPACT UNIT WITH 10 Hz TO 4 Mhz AC. INPUT IMPED: 1 MEGOHM SHUNTED BY 28 MMF (AMP) OR 3 MEGOHMS BY 30 MMF. TIME MARKERS FROM 1 TO 10K u-sec. 3WPI CRT. SIZE: 9 1/2 x 6 1/2 x 17; SHPG. WT: 24 LBS. USED, REPAIRABLE, \$79.50. CHECKED, \$99.50

COLLINS 250 KC I.F.



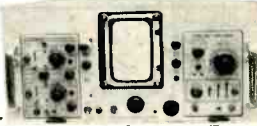
COLLINS 250 KC I.F. AMPLIFIER WITH MECHANICAL FILTER 250 KC, 6.7 KC WIDE, 3/5749 & 2/5726 TUBES. P/O 618S SET. SIZE: 4 1/2 x 6 x 3 1/2. 3 LBS. #5821-505-2602 UNUSED \$9.95

MICROMETER WAVEMETER, 1700-2600 Mhz SIZE 3 1/2 x 2 1/2, WT: 4 LBS. USED P/O TRC-29 WITH CALIBRATION \$15 LESS CALIBRATION CHART \$8



100 Mhz OSCILLOSCOPE

TEKTRONIX R647A MODIFIED OSCILLOSCOPE FEATURING DC TO 100 Mhz FREQUENCY RESPONSE, DUAL-TRACE CAPABILITIES, AND SOLID-STATE CIRCUITRY. UNIT INCLUDES THE TYPE 10A2A DUAL-TRACE AMPLIFIER AND THE TYPE 11B1 TIME BASE MODULES. AMPLITUDE CALIBRATOR GOES FROM 0.2 mv TO 100 VOLTS IN 18 STEPS. THIS SCOPE WITH ITS 14 KV ACCELERATING POTENTIAL ON THE CRT HAS HIGH WRITING SPEED AND IS CONSTRUCTED FOR RUGGED AND SEVERE ENVIRONMENTS. POWER REQUIRED: 90 TO 136 VAC AND FROM 180 TO 272 VAC IN SIX SWITCHABLE RANGES, 45-440 Hz. SIZE: 8 1/2 x 19 x 19, SHPG. WT: 75 LBS. NOTE: THE MODIFICATION ON THE R647A'S WHICH WE OFFER APPEARS TO BE THE VERTICAL ORIENTATION OF THE 6x10 CM. DISPLAY AS PICTURED ABOVE. THESE UNITS ARE SOLD AS REMOVED FROM SERVICE, LESS THE DISPLAY BEZEL, OPERABLE ON MOST MAJOR FUNCTIONS. BUT NOT LAB CALIBRATED PRICE: TEK R647A MOD. SCOPE, USED, \$795.00

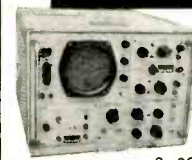


OSCILLOSCOPE CAMERA USED WITH TEK R647A. EXPOSES 35 MM FILM CARRIED IN 500 FT. CAPACITY VAC MOTOR-DRIVEN MAGAZINES. INCLUDES F1.0 2" CRT COPY LENS. WRITE FOR INFO. \$175.00

TEKTRONIX OSCILLOSCOPES IN USED, REPAIRABLE CONDITION. QUANTITIES ARE LIMITED.

315D	DC TO 5 Mhz, SWEEP DELAY, 3" CRT, PORTABLE.	\$150.00
513D	DC TO 20 Mhz, .01 TO 1000 u-sec/cm SWEEP RATE.	175.00
514D	DC TO 10 Mhz, 0.1 TO 10K u-sec/cm SWEEP.	125.00
524D	TELEVISION SCOPE, DC TO 10 Mhz, SWEEP DELAY AND MARKERS.	140.00
524AD	TELEVISION SCOPE, NEWER VER.	225.00
532/RM32	DC TO 5 Mhz, USES LETTER PLUG-INS.	200.00
535A	DC TO 15 Mhz, SWEEP DELAY, USES LETTER PLUG-INS.	325.00
545	DC TO 30 Mhz, SWEEP DELAY, LETTER PLUG-INS, SQUARE CORNERED MODEL.	350.00
RM45	DC TO 30 Mhz, RACKMOUNT 545 WITH ROUNDED CORNERS.	425.00
555	DC TO 30 Mhz DUAL BEAM SCOPE w/TYPE 21 AND 22 TIME BASES AND POWER SUPPLY. USES LETTER PLUG-INS IN VERTICAL AMPS.	595.00
RM565	DC TO 10 Mhz DUAL BEAM SCOPE, REQUIRES "2" OR "3" SERIES PLUG-INS FOR VERTICAL AMPS.	450.00
570	ELECTRON TUBE CURVE TRACER.	300.00

DUAL TRACE SCOPES



AN/USM-140D OSCILLOSCOPE, DC TO 30 Mhz MAINFRAME, SIMILAR TO HEWLETT-PACKARD 170A. INCLUDES MX-2930D DUAL-TRACE VERTICAL PLUG-IN WITH DC TO 22 Mhz PASS BAND INPUT IMPEDANCE: 1 MEGOHM SHUNTED BY 30 PF. INPUT SENSITIVITY: 0.02 VOLT/cm TO 20 VOLTS/cm. FUNCTIONS: CHANNEL A, CHOPPED, A-B, AND ALTERNATE. HORIZONTAL MX-3078 PLUG-IN SWEEP RATE: 0.1 sec/cm TO 5 sec/cm. HORIZONTAL SENSITIVITY: 0.1 v/cm TO 10 v/cm. MAGNIFIER X1 TO X100 IN SEVEN STEPS. CALIBRATOR: 0.2 mv TO 100 v. IN NINE RANGES. POWER REQUIRED: 115/230 VAC 50-1000 HZ. SIZE: 14 1/2 x 19 x 22, SHPG. WT: 110 LBS. NET: 95 LBS. PRICE: USED, REPAIRABLE, \$375. CHECKED, \$450.

AN/USM-140B OSCILLOSCOPE, EARLIER VERSION OF THE ABOVE. SAME SPECS WITH DUAL-TRACE PLUG-IN. USED, REPAIRABLE, \$350. CHECKED, \$425.

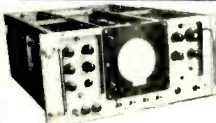
AN/USM-105A SCOPE WITH DUAL-TRACE PLUG-IN, SAME AS USM-140 EXCEPT DC TO 15 Mhz RESPONSE. PRICE: USED, REPAIRABLE, \$195. CHECKED, \$295.

HUGHES 105A MEMORY SCOPE WITH WIDEBAND VERT. AMP. USED, REPAIRABLE, \$350.00

LUMATRON 120 SAMPLING OSCILLOSCOPE, DC TO GHz. WITH 2160 DUAL-TRACE VERT. AND 2170 HORIZONTAL AMPS. USED, REPAIRABLE, \$350.00

HP-275A TRANSISTOR TEST SET: USED TO OBTAIN PRECISE MEASUREMENTS OF BASIC TRANSISTOR PARAMETERS, CHARACTERISTICS, DIODES S/C ETC \$265

TRANSISTORIZED SCOPE

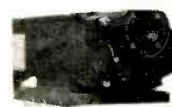


HFE T4214A TRANSISTORIZED OSCILLOSCOPE; ENGLISH MANUFACTURED SCOPE USES PRINTED CIRCUIT CARDS FOR THE PRE-AMP, SIGNAL DEFLECTION AMP, TIME BASE, INTENSITY MOD, AND SWEEP AMP. PROVISIONS ALSO FOR SIGNAL DELAY, TRIGGER PICK-OFF, AND TRIGGER DELAY PC CARDS (NOT AVAILABLE). ESTIMATED FREQUENCY RESPONSE: 300 KHZ LIMITED BY DEFLECTION AMP. USES 5LCP11 CRT; SWEEP IS FROM TOP TO BOTTOM BUT CAN BE CHANGED TO LEFT TO RIGHT. INCLUDES CONTROLS: FOCUS, BRIGHTNESS, ASTIG., SIGNAL SHIFT, INPUT ATTENUATOR (0.1 TO 10 V./DIV. IN 7-STEPS); TIME BASE (1 U-SEC TO 10 M-SEC IN 5-STEPS); MULTIPLIER X.5, X1, AND X2; TIME BASE SHIFT, TIME BASE DEFLECTION (EXT/INT); TRIGGER LEVEL; AND FREE RUN/SINGLE SHOT. SLIGHTLY BENT FRAME; LESS CASE AND POWER PLUG. POWER REQUIRED: 115 VAC 60 HZ OR 12 VDC 1 AMP. SIZE: 9x17x25. SHPG. WT: 60 LBS. PRICE: USED, REPARABLE \$50.00

TELETYPEWRITER SCOPE



TDA-2N TS-1060 TELETYPEWRITER TEST SCOPE, MEASURES BIAS AND DISTORTION OF START-STOP AND SYNCHRONOUS TELEGRAPH SIGNAL ON A 3" CRT. INPUT SPEEDS APPROX. 60 WPM (5 UNIT CODE), 60, 75, 100 WPM 7.42 CODE, AND BAUD SPEED EQUIVALENTS TO 60, 75, 100 WPM (10.42 UNIT CODE). INPUT IMP. 100 OHMS FOR 60MA NEUTRAL; 300 OHMS FOR 20MA NEUTRAL AND 30MA POLAR. MEASUREMENT RANGE 0-50% MARKING, OR SPACING BIAS AND DISTORTION. TUBES: 3KP1, 5651, 0A2, 3/12A7, 6X4, 0B2, 3/5963, 5726. POWER REQUIRED 115/230V 60HZ. 8x8x15 SH WT 24 LBS. USED GOOD TRANS, CRT \$34.95



KB9-A 16 MM MOVIE CAMERA USED TO RECORD STRIKES BY THE MILITARY. HAS 35 MM, F3.5 KODAK EKTAR LENS; VARIABLE APERTURE FROM F3.5 TO F16. FILM SPEED: 32 FRAMES PER SECOND. FILM CAPACITY: 35 FT 16 MM FILM. CAN BE ACUTATED BY REMOTE CONTROL. POWER REQUIRED: 27 VDC FOR DRIVE MOTOR AND HEATER. RED AND YELLOW FILTERS INCLD. SIZE: 7x2x2 1/2 SHPG. WT: 5 LBS. PRICE: NEW \$24.95

TS-352 MULTIMETER, PORTABLE GENERAL PURPOSE VOLT-OHM-METER. SENSITIVITY 1000 OHMS/VOLT AC-DC OR 20,000 OHMS/VOLT DC ONLY. AC-DC VOLT SCALES: 2.5/10/50/250/500/1000 VOLTS. DC AMP SCALE: 250 UA/2.5 MA/10 MA/50 MA/100 MA/500 MA/2.5-10 AMPS. RESISTANCE SCALE: Rx1/x10/x100/x1000/x10,000 OHMS



WITH FOUR INCH METER FS=50 U-AMPS. JACK FOR 5000 VDC @ 20K OHMS/VOLT. WITH TEST LEADS. USES THREE 4 1/2 VOLT AND ONE 1/2 VOLT BATTERIES. SIZE: 1 1/2x11x10 WT: 23 LBS. PRICE: USED, REPARABLE \$29.95.



AG3 AUDIO GENERATOR, MFG. IN CANADA BY MEASUREMENT ENGINEERING. 35 HZ TO 35 KHZ IN THREE RANGES. FREQUENCY RESPONSE FLAT WITHIN 1/2 DB FROM 35 HZ TO 15 KHZ. POWER OUTPUT 1 WATT INTO 500 OHMS; OVER 25 VOLTS ON OPEN CIRCUIT. WITH TUBES 6SJ7, 6SF5, 6K6, 6V6 AND 5U4. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 18x14x8 SHPG. WT: 60 LBS. PRICE: USED, COMPLETE, NOT CHECKED \$40.00



GENERAL RADIO TYPE 874 VV VOLTMETER INDICATOR; MEASURES RECTIFIED DC OUTPUT OF CRYSTAL DIODES, RF DIODES, AND CALIBRATES THE CRYSTAL AT THE APPLIED LEVEL VOLTAGE. FREQUENCY RANGE 60 HZ TO 7.0 GHZ. CALIBRATING VOLTAGE ACCURACY: 0.1 TO 2.0 V. CRYSTAL CURRENT 0-200 U-AMPS. INCLUDES 2 1/2" 0-200 MICROAMMETER, DIRECTLY CALIBRATED DIAL, AND SCHEMATIC. POWER REQUIRED 115/230V. 50-60 HZ. AC. SIZE: 5 1/2x5 1/2x3 1/2 WT: 6 LBS. PRICE: UNUSED \$24.95

DIGITAL COUNTER

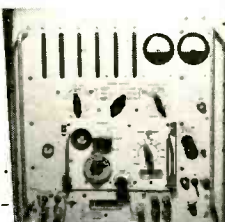
NORTHEASTERN ENGINEERING MODEL 14-20C FREQUENCY COUNTER WITH 8-PLACE NIXIE DIGITAL DISPLAY. FREQUENCY RANGE 10 HZ TO 10.1 MHZ WHICH CAN BE EXTENDED TO 1000 MHZ WITH THE PROPER PLUG-IN FREQUENCY CONVERTER. TIME PERIOD: 10 U-SEC TO 1.0 MILLION SEC. INPUT IMPEDANCE: 1 MEG-OHM SHUNTED BY 40 UUF.



ALSO COUNTER DESIGNED TO BE USED AS A SECONDARY FREQUENCY STANDARD FROM 10 MHZ TO 0.1 HZ WITH A CRYSTAL-CONTROLLED 1 MHZ OSCILLATOR. HOWEVER, THE 1 MHZ OSCILLATOR IS NOT AVAILABLE. COUNTER USES PLUG-IN UNITS INTERCHANGEABLE WITH FR-38 AND HEWLETT-PACKARD 524 SERIES COUNTERS. PLUG-INS SOLD SEPARATELY. POWER REQUIRED: 115 V. 50-400 HZ SIZE: 19 1/2x19 1/2 SHPG. WT: 110 LBS. PRICE: USED, LESS 1 MHZ OSCILLATOR, \$95.00

HP-524B COUNTER, 6 DECADE READOUT, SIMILAR TO FR-38, USES SAME PLUG-INS AS OTHER COUNTERS, PLUG-INS LISTED BELOW. PRICES: USED, REPARABLE \$150 CHECKED \$225.00

FR-38 FREQUENCY METER AND COUNTER; GENERAL PURPOSE UNIT SIMILAR TO HEWLETT-PACKARD 524B. USED TO MEASURE FREQUENCY AND TIME INTERVALS. FREQ. RANGE: 10 HZ. TO 10 MHZ; CAN BE EXTENDED WITH PROPER PLUG-INS TO 510 MHZ. TIME INTERVAL: .001 SEC TO 10 SEC. CAN BE EXTENDED FROM 1.0 U-SEC TO 100 DAYS WITH PROPER PLUG-IN. FR-38 CONSISTS OF A SIGNAL GATE, A TIME BASE SECTION, A GATE SECTION AND 6-DECADE COUNTER. RECEIVES CW OR PULSED. ACCURACY @ 1 TO 3000 HZ .03%; @ 3000 HZ TO 10 MHZ .001%. POWER REQUIRED: 115V AC 50-1000 HZ. SIZE: 19x19x18 1/2 WT: 125 LBS. PRICE: USED, REPARABLE \$125.00 CHECKED \$175.



COUNTER PLUG-INS FOR HP-524 SERIES OR SIMILAR TYPE COUNTER. USED, REPARABLE. HP-525A 10-100 MHZ, \$60. HP-525B 100-200 " , \$75. HP-525C 100-500 " , \$135. HP-526A VIDEO AMP, \$40. HP-526B TIME INTERVAL, \$35.00 HP-526C PERIOD MULTIPLIER, \$40.00 TRANSIT CASES F/525-526 PLUG-INS. STEEL (11x8x8), \$5.00. FIBERGLASS (14x9x9), \$10.00

RI-FI METER TEST SET

IM-37A/PRM-1A RADIO INTERFERENCE-FIELD INTENSITY METER, SIMILAR TO STODDART NM-20B. USED TO DETERMINE SOURCE OF RADIATED OR CONDUCTED INTERFERENCE AND THE EXPLORING OF RADIATION PATTERNS. COVERS FREQ. RANGE FROM 150 KHZ TO 25 MHZ WITH CAPABILITIES OF MEASURING RF VOLTAGES FROM 1.0 U-VOLT TO 1 VOLT. AS A FIELD INTENSITY METER, IT CAN MEASURE FROM 2.0 U-V/METER TO 2.0 VOLTS/METER. INCLUDES AT-211, -212, & -213 ANTENNAS; UG-104, -105, & -537 ADAPTERS; CU-195, -196, & -197 IMPEDANCE MATCHING NETWORKS; MX-980 RF PROBE; CALIBRATION BOOK; AND CY-749A TRANSIT CASE. BATTERY POWER REQUIRED: 1.5 VDC @ 0.8 A; 90 VDC @ 30 MA; 9 VDC AND 1.5 VDC. SIZE: 7 1/2x14x16 1/2 SHPG. WT: 50 LBS. USED, REPARABLE, \$250.00



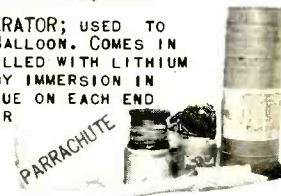
AN/PRM-1A TEST SET INCLUDING THE IM-37A RI-FI METER, PP-472B AC POWER SUPPLY, ME-33/U REMOTE METER, AND THE FOLLOWING ACCESSORIES: CG-571, -572, & -573 SPECIAL PURPOSE CABLES; CADV-62481 & CG-444 CABLES; CADV-62480 POWER CABLE; AND CY-750 TRANSIT CASE. SHPG. WT: 100 LBS. PRICE: USED, REPARABLE, \$325.00

M-278 BALLOON; USED TO RAISE THE ANTENNA OF THE CRT-3 RESCUE TRANSMITTER WHEN LACK OF WIND DOES NOT PERMIT THE USE OF THE M-357 KITE. THE BALLOON IS MADE OF NEOPRENE AND IS SUPPLIED IN A CAN WITH A KEY FOR OPENING. WHEN INFLATED BY MEANS OF THE HYDROGEN GENERATOR AND INFLATING TUBE, DESCRIBED BELOW, THE DIAMETER WILL BE OVER 4 FEET. HAS 2 CORD LOOPS FOR ATTACHING ANTENNA AND RUBBER CORK STOPPER. SHPG. WT: 2 LBS. PRICE: \$4.95



M-278 BALLOON WITH M-315 HYDROGEN GENERATOR AND INFLATING TUBE.....\$10.00

M-315 HYDROGEN GENERATOR; USED TO INFLATE THE M-278 BALLOON. COMES IN A STEEL CYLINDER FILLED WITH LITHIUM HYDRIDE; OPERATED BY IMMERSION IN WATER; KEY AND TONGUE ON EACH END FOR OPENING CYLINDER. REQUIRES INFLATING TUBE FOR USE WITH BALLOON. SHPG. WT: 8 LBS.



M-315 HYDROGEN GENERATOR W/INFLATING TUBE \$7 W-147 ANTENNA WIRE, 65 LB. TEST 306' LG. ON SPOOL #16 STRD. .040 DIA. \$2.50 M-308 SIGNAL LAMP W/STRAP FOR AROUND HEAD. PLUGS INTO TRANS & LIGHTS WHEN TRANS. \$1.00



T-74/CRT-3 SEA RESCUE TRANSMITTER EMERGENCY TYPE FOR USE ON THE DISTRESS FREQUENCIES OF 500 AND 8364 KH. POWERED BY HAND CRANK GENERATOR AND SENDS OUT AUTOMATICALLY SOS SIGNALS. CAN ALSO BE KEYED BY HAND WITH A 1000 CYCLE TONE, ON 500 KH ONLY. SIZE: 10x8x10; WT: 20 LBS. USED \$24.95 AN/CRT-3 TRANSMITTER COMPLETE WITH ACCESSORY ITEMS AS LISTED ABOVE CONSISTING OF 2/M-278, 2/M-315 w/TUBE, 1/M-308, 1/W-147 \$50.00 WITH 1/M-357 KITE \$75.00



SG-376-A AUDIO AND RF SIGNAL GENERATOR USED TO TEST SSR RADIO EQUIPMENT AND CONSISTS OF TWO VARIABLE FREQUENCY AUDIO OSCILLATORS AND TWO DUAL FREQUENCY IF OSCILLATORS INDEPENDENT OF EACH OTHER, FREQ RANGE 20-20KHZ IN STEPS 1HZ FROM 20-100HZ 10HZ FROM 100-1000HZ, 100HZ FROM 1000 TO 10 KHZ, AND 200HZ FROM 10KHZ TO 20KHZ, ACCURACY 1% IF FREQUENCIES AVAILABLE ARE 497.5KHZ, 498.5KHZ, 501.5KHZ, 502.5KHZ, CRYSTAL CONTROLLED 0.01% AF OUTPUT 2 TO 2.5 VOLTS ATTENUATED UP TO 100DB, OUTPUT IMPEDANCE 600 OHM. THE AUDIO OSCILLATORS AND EITHER PAIR OF THE RF OSCILLATORS MAY BE MIXED FOR USE AT THE SAME TIME TO TEST SSR COMMUNICATIONS EQUIPMENT. CAN BE REMOVED FROM CASE FOR RACK MOUNTING. TRANSISTORS: 12/2N526, 6/2N1309, 1/2N297, 1/2N404; POWER REQUIRED 115VOLT 47.5 TO 450 HZ 15 WATTS 5 1/2x11x19 SHGWT 35 LBS MANUAL \$7.50 USED REPARABLE \$175.00 USED CHECKED \$225.00



TS-375/U VOLTMETER FOR AC OR DC VOLTAGES. AC RANGES ARE 1.2, 3, 12, 30 AND 120 VAC WITH FIVE MEGOHM RESISTANCE SHUNTED BY FIVE MMF. DC RANGES ARE 1.2, 3, 12, 30, 120 AND 300 VDC WITH CONSTANT INPUT RESISTANCE OF 30 MEGOHMS. FREQUENCY RANGE IS FROM 40 HZ TO 50 KHZ USING THE PANEL TERMINALS AND 10 KHZ TO 150 MHZ WITH THE PROBE. WITH AC AND DC PROBES. POWER REQUIRED: 115 VAC 50-1600 HZ. SIZE: 10 1/2x10 1/2x6 1/2 WT: 21 LBS. PRICE: USED, REPARABLE \$25.00 CHECKED \$35.00



I-95 FIELD STRENGTH METER, 100 TO 156 MHZ CONTINUOUSLY TUNABLE; ORIGINALLY DESIGNED FOR USE WITH SCR-522 EQUIPMENT. RELATIVE FIELD STRENGTH INDICATED ON A 2 1/2" ROUNDO 0 TO 1.0 DC MILLIAMMETER. WITH 16 1/2" TELESCOPING ANTENNA AND ZERO-ADJUST. MODULATION FREQ. 1000 HZ. VOLTAGES REQUIRED 45 VDC AND 1.5 VDC. SIZE: 7 1/2x7 1/2x8 WT: 7 LBS. PRICE: USED, \$19.95

MICROWAVE GENERATOR



TS-147/UP MICROWAVE SIGNAL GENERATOR
PORTABLE UNIT DESIGNED TO TEST AND ADJUST RADAR, BEACON AND MICROWAVE COMMUNICATION SYSTEMS OPERATING IN THE FREQUENCY RANGE OF 8500 TO 9600 MC. PROVIDES EITHER FM OR CW TEST SIGNALS OF KNOWN POWER LEVEL AND FREQUENCY. THIS UNIT CONTAINS A DIRECT READING FREQUENCY METER AND POWER LEVEL METER WITH POWER REFERENCED TO ONE MILLIWATT (DBM). USED TO MEASURE FREQ. AND POWER LEVEL OF THE INPUT AND OUTPUT SIGNALS. SPECTRUM WIDTH, FREQ. CHANGE, RECOVERY TIME AND STANDING WAVE RATIO. CAN ALSO BE MODULATED EXTERNALLY. OPERATES FROM 115 VOLT 50-1600 CYCLES. LESS CABLES, PLUGS, ADAPTER, PICK-UP HORN. SIZE: 11 $\frac{1}{2}$ x18 $\frac{1}{2}$ x12 $\frac{1}{2}$; WT: 35 LBS.

TS-147A/UP.....\$49.50 USED
TS-147B/UP.....60.00 USED
TS-147D/UP.....75.00 USED



GENERAL RADIO SIGNAL GENERATOR MODEL 1021 250-920 MC
IN ONE BAND, DIRECT READING CALIBRATION 1% OUTPUT VOLTAGE CONT. ADJ. .5 TO 1 VOLT OPEN CIRCUIT. OUTPUT IMP. 50 OHMS 10% AMPLITUDE MOD. ADJ. 0-50%. ENV. DIST. LESS THAN 5% AT 50% MOD. CARRIER NOISE LEVEL .2% MOD. STRAY FIELD LEAKAGE AND RESIDUAL OUTPUT VOLTAGE CANNOT BE DETECTED WITH A RECEIVER. 2-3 MV SENSITIVITY. POWER REQUIRED: 115/230 VOLT, 50-60cyc. SIZE: 20 $\frac{1}{2}$ x14 $\frac{1}{2}$ x10 $\frac{1}{2}$; WT: 40 LBS. COND. USED PRICE: \$150.00 CHECKED FOR OPERATION \$25 EX.

MULTIMETER

ME-81/USM-34 MULTIMETER, PORTABLE INSTRUMENT MEASURES DC AND AC VOLTAGES, RF VOLTS, OHMS, AND DC MILLIAMPS. SCALES: 0 TO 1000 VOLTS DC OR AC IN FOUR RANGES; 0 TO 3000 VOLTS DC PEAK TO PEAK; 0 TO 1000 DC MILLIAMPS; 0 TO 3.0 VAC P-P; 0 TO 2000 MEGOHMS; AND 0 TO 1000 DC MILLIAMPS. DC INPUT IMPEDANCE: 38.3 MEGOHMS WITH PROBE. RF INPUT IMPEO: 8 PF SHUNTED BY 13 MEGOHMS ON 100 VOLT AC RANGE. POWER REQUIRED: 115 VAC 50-1000 Hz. SIZE: 11 $\frac{1}{2}$ x8 $\frac{1}{2}$ x5 $\frac{1}{2}$ SHPG. WT: 17 LBS. PRICE: USED, REPARABLE \$30.00 CHECKED \$45.00



MODEL 300 BALLANTINE VACUUM TUBE VOLTMETER. GENERAL PURPOSE TEST SET USED TO MEASURE AC VOLTAGES ALSO AS CAN BE USED AS AN AMPLIFIER AND MICROMETER WHEN PROPERLY CONNECTED. FREQ. RANGE 10-1500 cyc. VOLTAGE RANGES 0.001-.01/.1/1.0/10 & 100 DECIBEL SCALE 0-20, OUTPUT IMP. 0-15000 OHMS, INPUT IMP. 0.5 MEGOHMS SHUNTED BY 30 MWF. STABILITY 1% APPROX. DEPENDING ON LINE VOLTAGE. ACC. APPROX. 2% OVER RANGE. POWER REQ. 115 v. 50/60 cyc. SIZE: 4 $\frac{1}{2}$ x5 $\frac{1}{2}$ x11; WT: 13 LBS. PRICES: USED CHECKED \$39.95, REPARABLE \$29.50

ALSO AVAILABLE MODELS 310/305/220 ETC.

ATTENUATORS

MX-1309/URV-23 POWER MEASURING; KIT OF WAVEGUIDE ATTENUATORS, ADAPTER, BALOMETER, CABLE & CHART, 1000 TO 4000 MC.

ATTENUATOR CN-110/U 10 DB
" CN-111/U 20 DB (2pc)
" CN-168/U 3 DB
" CN-169/U 6 DB

RF BALOMETER DT-76/U, "N" CON
ADAPTER CONN. UG-402/U
COAXIAL CABLE CG-92B/U w/UG-21 EA. END.
METAL CARRYING CASE, FITTED. SIZE: 19x5 $\frac{1}{2}$ x14;
WT: 32 LBS. COMPLETE SET \$18.95



BC-221

FREQUENCY METER



THIS IS A SIMPLE ACCURATE AND RELIABLE CRYSTAL CALIBRATED FREQUENCY INDICATING INSTRUMENT FOR USE IN THE 125 TO 20,000 KC RANGE, WITH A NORMAL OPERATING ACCURACY OF LESS THAN .02%. CAN ALSO BE USED AS A SIGNAL GENERATOR OR VARIABLE FREQ. OSCILLATOR.

OPERATING VOLTAGE REQUIRED FOR DRY CELL OPERATION 6 VDC .9 AMP. & 135 VDC 20 MA.
SIZE: 10x13 $\frac{1}{2}$ x10; WT: 25 LBS.
UNITS MAY BE IN WOOD OR METAL CASES. VARIOUS LETTERS, COMPLETE WITH TUBES, CRYSTAL, ORIGINAL CALIBRATION BOOK. USED, REPARABLE \$60.00
PRICE: USED CHECKED FOR OPERATION \$70.00

BC-221 FREQUENCY METER LESS CALIBRATION BOOK NOT CHECKED FOR OPERATION, OTHERWISE COMPLETE
PRICE: \$45.00

CALIBRATOR



TS-102B/AP CALIBRATOR
RANGE CALIBRATOR PORTABLE PULSE GENERATOR WITH REPETITION FREQ. OF 400, 800, 1600, 2000, & 4000, MARKER AND SYNCHRONIZING PULSE, VARIABLE DELAY LINE PHASE ADJUSTMENT. OPERATES FROM 115 V. 50-1000 CYCLES WITH TUBES 2/6X4W, 3/6AG7, 6/5814, 2/UG273/U CONN. 4 CABLES W/UG-86B/U. SIZE: 16x10x11; WT: 28 LBS.
PRICE: UNUSED \$14.95

115 V. 50-1000 CYCLES WITH TUBES 2/6X4W, 3/6AG7, 6/5814, 2/UG273/U CONN. 4 CABLES W/UG-86B/U. SIZE: 16x10x11; WT: 28 LBS.
PRICE: UNUSED \$14.95

LORAN TEST SET



TS-251 LORAN TEST SET
PORTABLE SIGNAL GENERATOR USED IN PRE-FLIGHT AND SHIPBOARD CHECKING OF LONG RANGE LORAN RECEIVERS. FREQUENCY RANGE 1700 TO 2010 KC PULSE SIGNAL. WITH TUBE 6J5, 6SJ7, 6SK7, 6SL7, 6X5 AND 6SN7. POWER REQ. 80/115/230 v. 50-1600cy
SIZE: 7 $\frac{1}{2}$ x11 $\frac{1}{2}$ x10 $\frac{1}{2}$; WT: 30 LBS.
PRICE: USED SERVICEABLE \$50.00 CHECKED \$60.

AND 6SN7. POWER REQ. 80/115/230 v. 50-1600cy
SIZE: 7 $\frac{1}{2}$ x11 $\frac{1}{2}$ x10 $\frac{1}{2}$; WT: 30 LBS.
PRICE: USED SERVICEABLE \$50.00 CHECKED \$60.

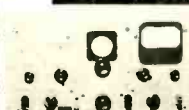
MULTIMETER



ME-260/U MULTIMETER MEASURES AC OR DC VOLTAGES AND RESISTANCES AT FREQUENCIES FROM 20 Hz TO 700 MHZ. AC VOLTS SCALE: 0 TO 1, 3, 10, 30, 100, AND 300 VAC. DC VOLTS RANGE: 0 TO 1, 3, 10, 30, 100, 300, AND 1000 VDC. RESISTANCES MEASURED FROM 0 TO 500 MEGOHMS IN SEVEN RANGES. DC INPUT IMPEDANCE: 122 MEGOHMS; AC INPUT IMPED: MORE THAN 0.1 MEGOHMS AT 100 MHZ. UNITS ARE COMPLETE WITH PROBES, EXCEPT TIPS OF AC PROBES ARE MISSING. POWER REQUIRED: 115/230 VAC 50-1000 Hz. SIZE: 7x11x7 $\frac{1}{2}$ SHPG. WT: 15 LBS.
PRICE USED REPARABLE \$55.00, USED CKD \$75.00

RANGES. DC INPUT IMPEDANCE: 122 MEGOHMS; AC INPUT IMPED: MORE THAN 0.1 MEGOHMS AT 100 MHZ. UNITS ARE COMPLETE WITH PROBES, EXCEPT TIPS OF AC PROBES ARE MISSING. POWER REQUIRED: 115/230 VAC 50-1000 Hz. SIZE: 7x11x7 $\frac{1}{2}$ SHPG. WT: 15 LBS.
PRICE USED REPARABLE \$55.00, USED CKD \$75.00

DISTORTION ANALYZER

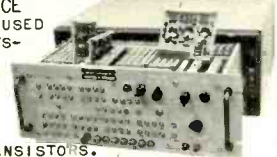


HEWLETT-PACKARD DISTORTION ANALYZER MODEL 330BR. WILL GIVE QUICK ACCURATE MEASUREMENTS OF DISTORTION AS LOW AS 0.1% AT ANY FREQ FROM 20 CPS TO 20,000 CPS

IT WILL MAKE NOISE MEASUREMENTS OF VOLTAGES AS SMALL AS 100 MICROVOLTS. THE ANALYZER HAS HIGH SENSITIVITY AND HIGH STABILITY. ITS CIRCUIT 20 DB AMPLIFIER, OSCILLOSCOPE TERMINALS, AND PRECISION VACUUM TUBE VOLTMETER WHICH IS USEABLE SEPARATELY. EXCEPTIONALLY USEFUL FOR ALL KINDS OF AUDIO MEASUREMENTS IN RECORDING, BROADCAST, MOTION PICTURE, LABORATORY ETC. SIZE: 8 $\frac{1}{2}$ x19 $\frac{1}{2}$ x13 $\frac{1}{2}$ (RACKMTG) WT: SHPG. 40 LBS. PRICES: USED REPARABLE \$225 CHECKED \$275

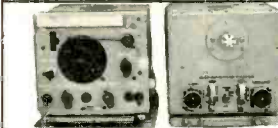
REFERENCE GENERATOR

SG-323/TSM REFERENCE SIGNAL GENERATOR, USED IN DATA COMMAND SYSTEMS OF FLIGHT COMPUTERS. HAS 69 DIODE-TRANSISTOR LOGIC CARDS WHICH IN TOTAL CONTAIN OVER 300 2N404 TRANSISTORS. ALSO 32 DATA ENTRY SWITCHES PLUS SWITCHING FOR 16 PRESET MESSAGES. A AND B CHANNELS HAVE ODD-EVEN SELECTORS; EIGHT ADDRESS SWITCHES PER CHANNEL. TEST DISPLAY HAS INDICATOR LIGHTS NUMBERED 1, 2, 4, 8, 16, 32, & 64. OPERATING MODES: EXT AUTO, INT AUTO, AND MAN. MANUAL MODE SELECTION: 5 KC, NORMAL, OR ONE SHOT. IN ALL, 67 MINIATURE TOGGLE SWITCHES (MOSTLY SPDT) ARE USED. RCA MFG. POWER INPUT NOT KNOWN. SOLD AS "RECEIVED FROM GOV'T. NOT CHECKED FOR OPERATION." SIZE: 19x7 $\frac{1}{2}$ x16 $\frac{1}{2}$; SHPG. WT: 65 LBS. USED. PRICE: W/CABINET, \$75.00; LESS CABINET, \$70.



TS-323/UR FREQUENCY METER AND CRYSTAL CALIBRATOR, 20 TO 480 MC. PORTABLE SELF-CONTAINED CRYSTAL CONTROLLED HETERODYNE TYPE USED FOR TESTING CW, MCW AND PULSED SIGNALS. FUNDAMENTAL FREQ. RANGE 20 TO 40 MC. ACCURACY .005%, AUDIO 20 MW AT CHECK PTS. RADIO FREQ. OUTPUT 50-1000 MV. SENSITIVITY 50M MV SIG. GIVES AUDIO BEAT NOTE OUTPUT OF 10 MW. RANGE 2500 TO 500 MV. POWER REQUIRED 2 DRY BATTERIE BA-203 (6 vdc) AND 3 BA-59 (45 vdc). SIZE: 15x12x10 WT: 35 LBS. PRICE: USED REPARABLE \$50.00 CHECKED \$65.00 115 VOLT 60 CYCLE POWER SUPPLY \$24.95

2500 TO 500 MV. POWER REQUIRED 2 DRY BATTERIE BA-203 (6 vdc) AND 3 BA-59 (45 vdc). SIZE: 15x12x10 WT: 35 LBS. PRICE: USED REPARABLE \$50.00 CHECKED \$65.00 115 VOLT 60 CYCLE POWER SUPPLY \$24.95



LM-21 FREQUENCY METER WITH AC POWER SUPPLY; CRYSTAL CALIBRATED UNIT COVERS 125 TO 20,000 KHZ IN TWO BANDS.

DESIGN ACCURACY BETTER THAN .02%. AM MODULATION 40% AT 500 HZ. OUTPUT VOLTAGE 250 U-VOLTS MIN. OUTPUT IMPEDANCE 600 OHMS. WITH CALIBRATION BOOK. POWER REQUIRED: 115 VAC 60 HZ.

FREQUENCY METER SIZE: 8 $\frac{1}{2}$ x8 $\frac{1}{2}$; WT: 14 LBS. POWER SUPPLY SIZE: 8 $\frac{1}{2}$ x8 $\frac{1}{2}$; WT: 15 LBS. PRICES: USED, COMPLETE, \$24.95; CHECKED, \$50. POWER INPUT CONN. F/IM-21 EACH 2.00 POWER SUPPLY " 2 REQUIRED " 2.00 SHOCKMOUNT \$2.50 MANUAL 7.50

IM-120/UPM STANDING WAVE RATIO METER DESIGNED TO BE PLACED OVER 1 $\frac{1}{2}$ " WAVE GUIDE TO DETERMINE THE STANDING WAVE RATIO OF THE WAVEGUIDE TO THE ANTENNA SYSTEM. USED WITH DIRECTIONAL COUPLER CU-245/U BUT CAN BE ADAPTED TO OTHER SYSTEMS. UNIT HAS 6/1N25 CRYSTAL DIODES AND 3 $\frac{1}{2}$ " METER FOR INDICATION. ALSO INSTRUCTION MANUAL. THE CARRYING CASE IS ALUMINUM SEALED, WATERPROOF AND IS OPTIONAL. CASE SIZE 9x7x5 $\frac{1}{2}$; WT: 10 LBS. NEW PRICE: LESS CASE \$11.50 WITH CASE \$14.95

WAVE METER SCOPE OSCILLATOR

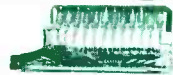
AN/UPM-1 WAVEMETER-OSCILLATOR SCOPE RADAR TEST UNIT FOR 155-235MC AND 460-570MC. CONTAINS PULSE AND SWEEP GENERATOR, VIDEO AMP, 3" OSCILLOSCOPE, TWO WAVEMETER TWO OSCILLATORS. POWER REQUIREMENTS: 80, 115 OR 230 VOLTS AC. 60-1000 CYCLES. SIZE: 30x21x24 WT: 150 LBS. USED \$39.50
DIFOLE ANTENNA FOR AN/UPM-1 USED \$9.95



FREQUENCY POWER METER

FREQUENCY POWER METER ME-51/UP FREQUENCY COUNTER 1100-3999. CALIBRATED TO FREQUENCY 3100 MC TO 3500 MC. HAS 0-1.5 MA; 0-25mw METER. WITH CABLES, IN METAL CARRYING CASE. SIZE: 8 $\frac{1}{2}$ x9 $\frac{1}{2}$ x9 $\frac{1}{2}$ WT: 18 LBS. USED \$15.00

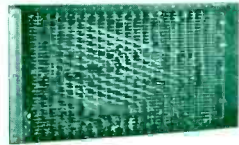




FLUORESCENT DISPLAY 12 DIGIT DG1001, 1 1/8 IN WITH 1/4 INCH DISPLAY, 27 TRANSISTORS AND ASSOCIATED RESISTORS AND CAPACITORS, SH WT 3 LBS #QP3666 \$7.95

14 DIGIT FLOURESCENT DISPLAY. CONSISTS OF 14 MG-17F 1 1/2 INCH TUBES WITH 3/8 INCH DISPLAY, 31 TRANSISTORS, 22 CAPACITORS, DIODES, RESISTORS. TUBES ARE ON PLUG-IN ASSEMBLY (22 PIN) 8 3/4 x 3 1/4 x 2 1/2. SH WT 3 LB #QP-2704 \$8.95

NEON NUMERICAL DISPLAY, 3/4 INCH, 0-9, 16 TUBES ON PANEL. VOLTAGE REQUIRED 150-170VDC SIZE: 12x4, SH WT 3 LB. #N11AMCL48 \$5.95



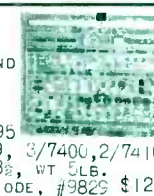
DIODE MATRIX 34 X 20 CONTAINS 90 DIODES 1N4004 OR EQUAL. 6x11 #005330 \$4.95

DIODE MATRIX 25 X 7, 23 TRANSISTORS, DIODES WITH 22 PIN SOCKET. 7x4 1/2 #2010200 \$2.95

CORE MEMORY ARRAY 2 SECTIONS EACH 52 X 52 BOARD SIZE 13x13x1 1/2 #2162301 5 LB \$14.95

SMALL CORE MEMORY ARRAY, 2 SECTIONS APPROX 65x15 EACH. 4 REED RELAYS 2/3PST, 2/5PST 7x4 1/2 #2006000 \$9.95

SWITCH NETWORK DIGITAL AND LINEAR IC BOARD. 3352.8KHZ CRYSTAL, 3/2 POLE 4 POS, AND 1/3P2P PC ROTARY SWITCHES. 4 MULTI TLRN POTS. 36/72301 OP-AMPS, 2/MC1448, 944DC, 5/9016, 4/7408, 3/NE565, 74195 2/SN29007, 2/74161, 2/74109, 3/7400, 2/7410 2/9602, SP380, SP363. 11x13 1/2, WT 5LB. SEVERAL HUNDRED RES, CAP, DIODE, #9825 \$12.95



100 KHZ CRYSTAL BOARD; BLILEY HB-3 100.00KHZ CRYSTAL, 40 TRANSISTORS, RESISTORS, CAPACITORS ETC. 1 LB. #CUC2112000 \$4.95

VOLTAGE REGULATOR 3/723, 2/ TO-66 TRANSISTOR 4 TRANSISTORS, 9 TRIMMER RESISTORS, DIODE BRIDGE, THERMISTORS. #6200673 \$3.50

CONTROL BOARD 162407, FAIRCHILD TTL 95 IC'S 17/9002, 15/9003, 11/9009, 10/9007, 8/9016 25/9024, 2/9300, 9301, 9310, 3/9316, 2/4510 PRESETTABLE DECADE UP/DOWN COUNTER. 3LBS 9 1/2 x 11 1/2 #162407 \$8.95

FAIRCHILD IC'S 4/9002, 2/9015, 2/9016, 74180 3/9024, 2/9602, 9/2N2222, RESISTORS, CAPS, DIODES SH WT 2 LB #C20050461 \$2.95

LINEAR IC'S; CA3001, 5/CA3018, NE 531, 2N4919 18 TRANSISTORS, DIODES, RESISTORS, CAPACITORS SH ST 1 LB #54224107 \$1.95

HOLDOVER TIMING 6/2.0MFD 50V, 2/1MFD 50V 4/.68MFD 50V, .1MFD 50V, 5/10MFD 25V, 50K TEN TURN TRIMMER. 8 TRANSISTORS, DIODES RESISTORS #35305132 2/ \$2.95

OSCILLATOR DRIVER 19.2KHZ CRYSTAL, 2N1907 4/TO-5 TRANSISTORS, CHOKE CAPACITORS RES 4x 3 1/2 SH WT 1 LB #0952334 \$2.50

MISC CIRCUITS, TRIMMER RESISTOR, CERAMIC COIL 4.3-17MICROHENRY, 18 TRANSISTORS, RESISTORS CAPACITORS, #420D2048 2/ \$2.95

ENABLE DRIVER 6/1MFD 100V, 6/63.4 OHM 1% RES, 12 TRANSISTORS, MORE. #31503211 2/ \$2.95

CALCULATOR KEYBOARD, 17 KEYS BUSINESS SIZE. EACH SWITCH IS REMOVEABLE AND THE CONTACTS ARE INDIVIDUALLY ACCESSIBLE. 1/1P4P SLIDE SWITCH. REMOVED FROM EQUIP NCR#0092 \$4.95

HIGH PRESSURE BLOWER WITH MANOMETER, DESIGNED TO PROVIDE POSITIVE PRESSURE-FILTERED AIR FOR SMALL ROOM OR CHAMBER. BLOWER RATED AT 100 CFM @ 1.0" H₂O PRESSURE. MANOMETER INDICATES PRESSURE DIFFERENCE BETWEEN INLET AND OUTLET SIDE OF FILTER. TWO 2" DIA. AND A 1" DIA. OUTLETS ON BOTTOM. WITH FILTER IN STEEL CABINET. POWER REQUIRED: 115 V. 50-60 HZ. SIZE: 9 1/2 x 13 x 15 1/2; SHPG. WT: 40 LBS. ROTRON PAC18-6 OR EQUIVALENT, UNUSED, \$25.00

COMPUTER POWER SUPPLIES

SOLID STATE POWER SUPPLY RATED CONSERVATIVELY AND CONSTRUCTED ON RUGGED STEEL FRAME. UNITS HAVE FRONT VOLTAGE ADJUST ±10%, RUNNING LIGHT, AC RESET. ALSO FEATURED IS ADJUSTABLE CURRENT LIMITING AND ADJUSTABLE OVERVOLTAGE PROTECTION. POWER INPUT 115V 60 HZ. REMOVED FROM EQUIPMENT GOOD CONDITION.



RATING	SIZE	SH WT	No.	PRICE
4v 30A	15 1/2 x 13 1/2 x 7	65LB	926	\$30.00
4v 75A	20 x 19 1/2 x 7	125	650	50.00
12v 5A	15 x 9 1/2 x 7	35	655	37.50
12v 15A	15 1/2 x 13 1/2 x 7	60	654	55.00
12v 25A	15 1/2 x 19 1/2 x 7	75	928	65.00
30v 3A	15 1/2 x 19 1/2 x 7	38	889	27.50
20 to 24				
5.5A	20 x 9 1/2 x 7	47	332	39.95

DUAL POWER SUPPLY SAME STYLE AS ABOVE UNITS. +32-36 @ 14.7A AND -32-36 @ 10.3A. TWO INDEPENDENT REGULATORS OPERATING WITH COMMON GROUND BUSS. SIZE 20x14x12. WT 100LB SH WT 125LB. #450 \$60.00

HARMONIC REGULATED 24VDC 20 AMPS, VERY HEAVY CONSTRUCTION, SIMILAR TO ABOVE. CAN SUPPLY 24VDC 30AMPS INTERMITTENTLY. 20x13 1/2 x 7. SH WT 100 LBS. #6004501 \$40.00

12 VDC 4VDC 17.5A
12VDC 3.5 AMPS AND 4VDC 17.5 AMPS WITH CURRENT LIMITING AND OVER VOLTAGE PROTECTION. THE 4 VOLT OUTPUT WILL ADJUST TO 5 VOLTS. SIZE: 14x 8 1/2 x 6 SH WT 35 LBS. 115V 60 HZ. USED EXCELLENT COND. #9566WC \$40.00
POWER SUPPLY SAME AS #9568 ONLY LESS REGULATOR CARDS. HAS OUTPUT TRANSISTORS AND HEATSINKS. AN EXCELLENT FOUNDATION \$30.00

12 VDC 12.5 AMPS REGULATED WITH OVER VOLTAGE AND CURRENT LIMITING FOR PROTECTION OF THE POWER SUPPLY AND THE CIRCUIT BEING POWERED. POWER INPUT 120/208/240 VOLTS 60 HZ. SIZE 14x8 1/2 x 6 SH WT 28 LB #PEC3291 REMOVED FROM EQUIP, EXCELLENT \$45.00

OPEN FRAME REGULATED

COMPUTER POWER SUPPLY TRANSISTOR REGULATED OPEN CONSTRUCTION WITH ADJUSTABLE VOLTAGE 20% AND CURRENT LIMITING UNITS WHERE OVP IS

NOTED ALSO HAVE ADJUSTABLE OVERVOLTAGE PROTECTION. UNITS ARE USED GOOD CONDITON, REPAIRABLE. PLEASE ORDER BY RATING AND PART NUMBER

RATING	SIZE	SH WT.	NUMBER	PRICE
5v 2A	14x4 1/2 x 5	16	1012-01	\$12.95
5v 2A OVP	"	16	1012-22	13.95
5v 4A	"	16	1014-33	16.95
5v 4A OVP	"	16	1014-24	17.95
5v 20A OVP	14x16 1/2 x 5	30	1031-23	30.00
8v 4A OVP	14x4 1/2 x 5	16	1014-21	17.00
12v 3A OVP	"	16	1014-22	25.00
12v 6A OVP	"	23	1018-32	35.00
20 to 24				
28v 15A OVP	14x16 1/2 x 5	60	1037-13	35.00
35 to 40v 500w OVP	"	60	1037-12	35.00
30v 3A	14x8 1/2 x 5	23	1018-23	27.00
30v 3A OVP	"	23	1018-33	29.00

MULTI-VOLTAGE POWER SUPPLIES. THE FOLLOWING POWER SUPPLIES HAVE HARMONIC REGULATED POWER TRANSFORMERS.

SOME OUTPUTS ARE ALSO TRANSISTOR REGULATED.
PS736 HAS THE FOLLOWING OUTPUTS: 30v 0.5A 30v 1A, 10v 4A REG., 10v 4A REG., 3.6v 1A REG. THE OUTPUTS ARE INDEPENDENT OF EACH OTHER. 22x6 1/2 x 6. SH WT 30LBS #2090200 \$22.95
PS735 HAS THE FOLLOWING OUTPUTS: 30v 0.5A 30v 1A, 10v 0.5A, 10v 1A. 10V OUTPUTS ARE TRANSISTOR REGULATED. 22x6 1/2 x 6. SH WT 30LB. PS-55685. \$17.95

FAIRCHILD SOLID STATE TECHNOLOGY KIT

DIGITS
FTK0001 0.5" COMMON CATHODE \$1.00
FTK0002 0.5" COMMON ANODE 1.00
FTK0003 .357" COMMON CATHODE .75
FTK0004 0.8" COMMON CATHODE 2.00
FTK0005 0.8" COMMON ANODE 2.00
0.8" HIGH DISPLAY ARRAYS

FTK0010 12 Hour, 3 1/2 DIGIT CLOCK DIS. 7.00
FTK0011 24 Hour, 4 DIGIT CLOCK DIS. 8.00

LED LAMPS
FTK0020 10 RED LED 1.00
FTK0021 5 MIXED COLORS LED 1.00
FTK0022 10 LED MOUNTING CLIPS 1.00
FTK0023 5 THREE PIECE LED MOUNT ADPT 1.00

PHOTO TRANSISTORS
FTK0030 5 FLAT LENS PHOTO TRANSISTOR 1.00
FTK0031 5 ROUND LENS PHOTO TRANS. 1.00
FTK0032 3 FLAT LENS PHOTO DARLINGTON 1.00
FTK0033 3 ROUND LENS PHOTO DARLINGTON 1.00

PHOTO ARRAYS
FTK0040 9 ELEMENT TAPE READER ARRAY 16.00
FTK0041 12 ELEMENT TAPE READER 24.00
FTK0042 REFLECTIVE OPTO COUPLER 4.00

COUPLERS
FTK0050 3 GENERAL PURPOSE OPTO COUPL 1.00
FTK0051 DARLINGTON OPTO COUPLER 1.00

MOS CLOCK CIRCUITS
FTK0400 DIGITAL CLOCK/CALENDAR CIRCUIT (FCM7001) 7.00
FTK0401 DIGITAL CLOCK/CALENDAR WITH BCD OUTPUTS (FCM7002) 7.00
FTK0402 DIRECT DRIVE DIGITAL CLOCK CIR, AC OUTPUT (FCM3817A) 5.00
FTK0403 DIRECT DRIVE DIGITAL CLOCK CIR, DC OUTPUT (FCM3817D) 5.00
FTK0405 DIRECT DRIVE DIGITAL CLOCK/CALENDAR CIR (FCM7015) 6.00

KITS
FTK0106 AUTOMOBILE CLOCK KIT 40.00

PHOTOELECTRIC PAPER TAPE READER

SUPERIOR ELECTRIC PAPER TAPE READER. USES PHOTO-DETECTORS TO READ EIGHT POSITION ENCODING. USES ONE 5.4V 1.5ADC 200STEP/REVOLUTION STEPPING MOTOR AND TWO 120V 30/60HZ 1000RPM SYNCHRONOUS STEPPING MOTORS. CIRCUIT BOARDS ARE TITLED: 4 STEP TRANSLATOR, AMPLIFIER AND INVERTER, INTERFACE BOARD, RECEIVER & DRIVER. USES SILICON TRANSISTORS AND FAIRCHILD TTL 20 1/2 x 10 x 16 1/2 SH WT 50LBS, NO COVER \$135.00

EIGHT LEVEL PAPER TAPE PUNCH, SIMILAR TO THOSE USED ON TELETYPE MACHINES. COULD BE USED TO MAKE TAPES FOR THE TAPE READER. UNIT CONSISTS OF SOLENOIDS, DIES, AND DRIVE MECHANISM, NO MOTOR, NO ENCODING. 8x5 1/2 x 5 1/2 SH WT 6 LBS. GOOD COND. \$14.95

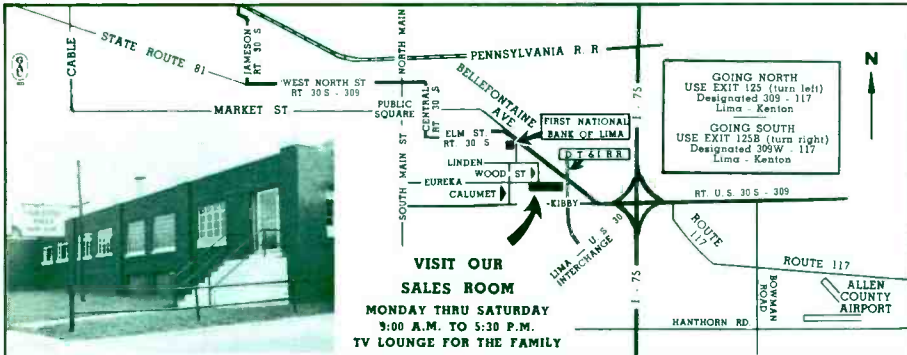
TRANSISTOR PULSE GEN.

RUTHERFORD/CMC TRANSISTORIZED PULSE GENERATOR 20HZ TO 20MHZ REPETITION RATE IN SIX RANGES DELAY 0.1 TO 10K MICROSECS IN SIX RANGES, WIDTH 0.1 TO 10K MICROSECS IN SIX RANGES. SINGLE OR DOUBLE PULSE, POS OR NEG POLARITY, THREE STEP 10DB/STEP ATTENUATOR AND FINE ATTENUATOR. OUTPUT TO 50 OHM LOAD IMPEDANCE. POWER 115V 60 HZ. 13 1/2 x 6 x 12. SH WT 20 LBS GOOD CONDITION, REPAIRABLE \$125.00

POWER CONTROL PANEL WITH 4/DPDT AND 2/SPDT ROCKER SWITCHES, 23 10V LAMPS W/ WIRE LEADS, 25 3 FOOT LENGTHS WIRE. 14 1/2 x 3 1/2 SH WT 3 LBS. #CP735 \$2.95

IBM 2315 CARTRIDGE \$25.00

22 PIN DOUBLE SIDE P C BOARD SOCKETS, SOLDER STYLE, REMOVED FROM EQUIP \$1.00EA



CONTROL ASSEMBLIES ON 9x4 HEATSINK. USED, EXCELLENT YIELD ON SEMICONDUCTORS. SHPG WT. 4 LBS EA. SIMILIAR TO PICTURE ORDER BY NUMBER

TRANSISTOR CONTROL ASSEMBLY WITH DIODES.
8/T0-3 60V (SIMILIAR TO 2N3055) AND 8/T0-66 (SIMILIAR TO 2N3054) 60V TRANSISTORS, 8/0.4 OHM 5W AND 8/30HM 3W RESISTORS, 8/00-4 DIODES WITH INSULATED MOUNTING HARDWARE. #7729 \$5.75

TRANSISTOR CONTROL ASSEMBLY, CONTAINS 8/T0-3 AND 8/T0-66 AND EMITTER RESISTORS AS ABOVE, SMALL DIODES AND RESISTORS #0425 \$5.00

CONTROL CLUTCH ASSEMBLY AND HEATSINK 9x4 IN. 8/100V T0-3 AND 2/60V T0-66 TRANSISTORS, FIVE 0.4 OHM 10 W RESISTORS, MORE. #095-8139 \$4.00

SOLENOID DRIVER ASSEMBLY WITH 6/70MFD 300V CAPACITORS, 6/ 60 OHM 3/10WATT DALE RESISTO TRANSISTORS AND DIODES. 3LB #340C4587 \$4.95

SOLENOID DRIVER ASSEMBLY WITH 4 T0-3 100V GERMANIUM TRANSISTORS ON HEATSINK, 4/110MFD 75 VOLT CAPACITORS, EMITTER RESISTORS AND OTHER COMPONENTS. 4LB #340D3068 \$2.95

MINICOMPUTER POWER SUPPLY. USES TWO 3 TERMINAL REGULATORS AND AN IC WITH EXT. TRANSISTOR TIP3055. -25VDC 180MA; -5VDC 800MA; -15VDC 1.25A

WITH SCHEMATIC. 3x5x4. PS774 \$15.00

MULTICOLOR RIBBON CABLE, 39 CONDUCTOR CONSISTS OF 19 SINGLE CONDUCTORS AND 10 TWISTED PAIRS.
\$1.00/FT \$8.00/10FT \$16.00/25FT

AMP 20 CONDUCTOR LAMINATED FLAT CABLE 12 1/2 IN LONG WITH TWO PLUGS; ONE MALE ONE FEMALE. #88019-2 \$1.00

RELAY CONTROL UNIT CONTAINS 4/ 24V REED RELAYS, 3/ 24V PLUG-IN P&B 4PDT RELAYS. 1500MFD 100VDC AND 3000MFD 25VDC CAPACITORS, 6 FEET 11 COND UCTOR CABLE, SOLA TRANSFORMER WHICH SUPPLIES 75VDC AND 24 VDC. NICE CASE : TOP 6X5X10, BASE 3X5X10. #RCU1 \$9.95

A PRAYER AWAY

DAVID J GOODMAN
3305 DE SOTA AVE
CLEVELAND HTS OHIO 44118

FAIR Radio Sales Co., Inc.
1016 E. EUREKA ST.
Lima, Ohio 45802
P. O. BOX 1105

REED RELAY

REED RELAY BOARDS LISTED BELOW CONTAIN 12VDC REED RELAYS AND ASSOCIATED COMPONENTS. ORDER BY BOARD NUMBER. SH WT. 3 LBS.

#5336 1/DPST, 4/5PST, 2/4PST, MERCURY WETTED RELAY SPDT, 26 DIODES. \$6.95

#5341 3/4PST, 3/3PST, 2/2PST, 5PST, MERCURY WETTED SPDT, 23 DIODES \$8.95

#5346 12/SPST, DPST, 2/DPST MERCURY WETTED. 5 TRANSISTORS, 51 DIODES, 3/25MFD 50V 47 MED 35V \$8.95

#5351 10/SPST, 10/DPST, 90 DIODES \$12.95

#5361 3/DPST, 4/SPST, MERCURY WETTED SPDT 6 TRANSISTORS, 24 DIODES, CAPACITORS DIODES, RESISTORS. \$5.95

#998-01 15153 4/3PST, 2/2PST, SPDT MERCURY WETTED RELAY, 22 DIODES. \$4.95

#3150341 8 CLARE HGSM 7004 MERCURY WETTED RELAYS, SPDT. \$4.95

#E40380 MAGNETIC REED SWITCHES WITH BIAS MAGNETS ON BOARD. 68/BOARD \$8.95

CMOS TTL

CMOS #84293: 3/4001, 2/4002, 5/4009, 2/4010, 4/4011, 2/4012, 7/4013, 4021, 2/4022, 7/4023, 2/4025, 2513 A 64x8x5 CHARACTER GENERATOR 7417. 9x7 1/2, SH WT 2LBS #84293 \$7.50

CMOS-K1: 6/4008, 4/4009, 4/4011, 2/4012, 7/4013, 9/4016, 5/4022, 2/4023, 4024, 5/4040 9x7 1/2, SH. WT. 2 LBS #CMOS84292 \$6.95

CMOS #14007: 4/4001, 2/4011, 2/4013, 4042, 4558 DUAL OP-AMP, 23 TRANSISTORS, MANY RESIS TORS, CAPACITORS. 1 LB #14007 \$2.95

IC BOARD #595254: 3/9322 QUAD 2 INPUT MULTI- PLEXER, 7402, 7404, 7406, 7410, 3/7438, 741, 7442. 1 LB #595254 \$1.95

IC BOARD #594747: 8/75451 DUAL PERIPHERAL AND DRIVER, 7438, 7474, 74121, 7404, 6/7400, 7402, 7414, TRANSISTORS, RESISTORS, DIODES CAPACITORS 2 LB #594747 \$2.95

ENDERSOR DRIVER 4/DN8851 DUAL RETRIGGERABLE MVBR, 7474, 9109 HIGH VOLTAGE HEX INVERTER, 2/7400, 7420, 7406, 18 BYPASS CAPACITORS, TO-3TRANSISTOR ETC 1 LB #484-0001801 \$2.50

CARD READER CONTAINS A TEN SECTION SPST DUAL IN LINE SWITCH, A 8 POSITION MINITURE RC. ROTARY SWITCH; 5/7400, 4/7404, 7/7408, 5/7410 4/7420, 7437, 74109, 3/74157, 74180, 9602 2/N82S62, 2/SN29301, NCR 94, 8 IC'S NO CROSS REFERENCE. SH WT 2LBS #315-0529449 \$5.50

TTL CIRCUIT BOARD 2/7400, 7402, 2/7408, 7410/2 2/74109, 3/ 9016, 3/9602, NE565, CAPACITORS RESISTORS, DIODES. #095-0300644 \$1.95

HAMMER CONTROL MRTL IC'S MC817, 4/MC824, 4/MC889, MC892, 2/50K TEN TURN POTS, 20 TRAN SISTORS, RESISTORS ETC. #2144500 \$1.95

CLOCK BOARD 1.000MHZ HB-2 BLILEY CRYSTAL MRTL IC'S 2/MC824, MC826, MC879, 2/MC889 4/MC892. SH WT 2 LB CLOCK #2144700 \$4.95

DATA KEYBOARD

#KEY735

KEYBOARDS SHOWN ABOVE HAVE NO DECODING ELECTRONICS. EACH KEY SWITCH HAS INDIVIDUAL CONTACTS. APPROX THREE FEET OF CABLE ON EACH KEYBOARD. SHIPPING WT 12 LBS.

735 KEYBOARD HAS 49 KEYS PLUS SPACE BAR; 11/ TEN VOLT LAMPS; 2 IN SPEAKER; 2 MIN. TOGGLE SWITCHES; SODECO 24VDC 53MA 101MP/S RESETTABLE COUNTER. 14x7x3 1/2 #KEY735 \$30.00

736 KEYBOARD HAS 48 KEYS AND SPACE BAR; 40/ TEN VOLT LAMPS; 2 IN SPEAKER; 8 MIN. TOGGLE SWITCHES, SODECO 24VDC 200 OHM 251MP/S RESETTABLE COUNTER. 14x9x3 3/4 #KEY736 \$36.00

IC SOCKETS 14/16 5/\$1.00

P C CARD RACK

PC CARD RACKS FOR 4 1/2 x 6 1/2 DOUBLE SIDE CARD. 1/16x1/32 W W PINS.

CR735: 38 CARD GUIDES WITH 33 22 PIN DOUBLE EDGE CONNECTORS 13x18x9 WT 15LB #CR735 \$18.00

CR736: 81 CARD GUIDES WITH 64 22 PIN DOUBLE SIDE CONNECTORS 17x18x8 WT 26LB #CR736 \$25.00

TALLY OSCILLATOR; 2N3643, 9/2N3565, 39 NICE CAPACITORS .001 TO .47 @ 50V. FERRITE CORE COILS: 81.9, 72.5, 44.7, 42.9, 35.6, 34.9, 30.2.MHY. #601748 \$2.95

TALLY RECEIVER; 15 MINI-DIP 741, 2 IN SOCKET 723 VOLTAGE REG IN SOCKET, 4 TRANSISTORS, 6 TRIMPOTS, CAPACITORS, RESISTORS ETC SH WT 1LB #601740 \$3.95

TALLY LOGIC; 26/2N3643, 2N6027, 3/324, TWO 16 PIN SOCKETS, 500MFD 75V, 2/200MFD 25V 4MINI POTS, RESISTORS, CAPACITORS, DIODES SH WT 2 LBS #691746 \$3.50

READ AND SWITCH CORE CURRENT SOURCE. 2/8V REFERENCE DIODES, 2 TRANSISTORS ON HEATSINK. 6 SECTION INDUCTOR, 75 OHM 25 WATT BHEOSTAT DALE 31 OHM 1/2 25 WATT RESISTOR. SH WT 4 LBS #315CURRENT SOURCE \$2.50

MICROPROCESSOR CIRCUIT BOARD CONTAINS C4004 P CHANNEL MICRO PROCESSOR, 4/P4001 256X8 BIT PROGRAMMABLE ROM, 2/P4002-1 320 BIT RAM AND 4 BIT OUTPUT PORT, 3/P4003 10 BIT SERIAL IN/PARALLEL OUT, SERIAL OUT SHIFT REGISTER. ALSO HAS 53 TRANSISTORS ON BOARD. 6x6x6 SH WT 2 LB. #IC-07 \$15.00

SEIKO E-102 NUMERICAL PRINTER USES 2 1/2 INCH PAPER AND PRINTS 17 COLUMES IN TWO SECTIONS, 8 AND 9 DIGITS AND SYMBOLS. 0-9 AND LETTER COMBINATIONS; PD, CG CH, ETC. USED IN CASH REGISTERS. REMOVED FROM EQUIPMENT, GOOD CONDITION. REQ 15 VDC SIZE 3 1/2x4 1/2x5 1/2. SH WT 6 LBS. \$24.95

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Fair Radio Sales Co., Inc.

OUR 29th YEAR

1776 - 1976



CATALOG WS-76



World's Finest
Government Surplus

ELECTRONICS

AUDIO LEVEL METER



ML-71C/FCC AUDIO LEVEL METER covering frequencies from 20 KHz to 500 KHz, continuously tuneable. As selective detector, this unit measures RF carrier across a 135 OHM balanced or 600 OHM unbalanced line. VARIABLE ATTENUATOR PROVIDES INPUT SENSITIVITIES FROM -70 TO +42 DBM, INDICATED ON 3 1/2" RD. METER. INCLUDES 100 KHZ CALIBRATOR. INPUT IMPEDANCE: 10,000 OHMS. WITH AUDIO GAIN AND TWO PHONE JACKS. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 17x14x9. SHPG. WT: 40 LB
PRICE: USED, REPARABLE \$59.50

GOV'T RECONDITIONED-NOT CHECKED \$79.50
MANUAL REPRODUCTION, \$7.50

TMC RF OSCILLATOR



O-672/URA-28 RADIO FREQUENCY OSCILLATOR, SIMILAR TO TECHNICAL MATERIEL CORP. VOX-5 VARIABLE FREQUENCY OSCILLATOR. COVERS 2 TO 32 MHZ IN FOUR BANDS: (2-4), (4-8), (8-16) AND (16-32) MHZ. A DB METER INDICATES MODES: CAL, LSB, USB, MF, AND RF. INCLUDES CONTROLS FOR MF XIAL SW; MF BAND CHANGE; OUTPUT BAND CHANGE; MF AND CARRIER INSERT TUNING; LSB AND USB FUNCTION SELECTORS. THIS COMPONENT IS USED IN SEVERAL DIFFERENT TMC TRANSCEIVER GROUPS AND MAY BE ADAPTED INTO SYSTEMS OF OTHER MANUFACTURE. REQUIRES EXTERNAL POWER SUPPLY. SIZE: 7x19x15 1/2 SHPG. WT: 45 LBS. USED, REPARABLE \$125.00

THREE CHANNEL ULTRASONIC

THREE CHANNEL ULTRASONIC DEVICE, USED IN REMOTE CONTROL OF TV SETS. UNIT CONSISTS OF THREE CHANNEL RECEIVER, PICK-UP, 2 CHANNEL MECHANICAL ACTUATOR. 2 CHANNELS 42KHZ AND 46KHZ ACTUATE SPDT GROUNDING RELAYS. THE THIRD CHANNEL 44KHZ, ACTUATES A STEPPER RELAY TO CONTROL VOLUME. THIS 3RD CHANNEL IS NOT ACTUATED BY THE ACTUATOR SUPPLIED. TRANSISTORIZED UNIT OPERATES FROM 115V 60HZ. RECEIVER SIZE 5x3x1 1/2 SH WT 5 LBS WITH HOOK-UP DIAGRAM UNUSUED \$14.95



SWEEP GENERATOR

SG-92 SWEEP GENERATOR. 50KHZ-1000MHZ SWEEP RANGE 0-30MHZ MAX. SWEEP RATE 50-100 HZ CAN BE SYNCHRONIZED AT 60 HZ.



SWEEP OUTPUT UP TO 20 V. RF OUTPUT IMPEDANCE 50 OHMS. RF OUTPUT HIGH 100MV, LOW 5 MV. USES MICROMETER TYPE FREQUENCY READOUT. TUBES OD3, 6Y6, 5U4, 6AC7, 6SN7, 6SL7, 2D21, 6C4, 2/2K25. POWER REQUIRED 105-125V 50-60HZ. SIZE 19x9x17. SH WT 45 LB USED REPARABLE, GOOD 2K25'S \$60.00 OLDER STYLE OF ABOVE, 10x12x17. SH WT 40 LBS. USED REPARABLE, GOOD 2K25'S \$45.00

MULTIMETER



ME-260/U MULTIMETER MEASURES AC OR DC VOLTAGES AND RESISTANCES AT FREQUENCIES FROM 20 HZ TO 700 MHZ. AC VOLTS SCALE: 0 TO 1, 3, 10, 30, 100, AND 300 VAC. DC VOLTS RANGE: 0 TO 1, 3, 10, 30, 100, 300, AND 1000 VDC. RESISTANCES MEASURED FROM 0 TO 500 MEGOHMS IN SEVEN RANGES. DC INPUT IMPEDANCE: 122 MEGOHMS; AC INPUT IMPED: MORE THAN 0.1 MEGOHMS AT 100 MHZ. UNITS ARE COMPLETE WITH PROBES, EXCEPT TIPS OF AC PROBES ARE MISSING. POWER REQUIRED: 115/230V VAC 50-1000 HZ. SIZE: 7x11x7 1/2 SHPG. WT: 15 LBS. PRICE USED REPARABLE \$55.00, USED CKD \$75.00

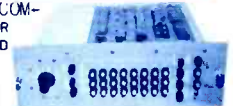
20 CHANNEL RECEIVER



R-550/ARR-40 VHF RECEIVER 265 TO 284.9MHZ IN 20 CHANNELS. GUARD CHANNEL 243.0 MHZ. ONE MEGAHERTZ CHANNEL SPACING. RECEIVER MODULES AUDIO, 1.85MHZ IF, IF AND GUARD, RF AND INJECTION UNIT. TUBES: 7/6201, 8/5840, 3/6AK5, 2/5896, 5902. POWER REQUIRED: 28VUC, 130V 140MA, 220V 20MA. SIZE 12x4x6. SH WT 15 LBS. W/COVER, USED REPARABLE \$19.95
28 VOLT DYNAMOTOR FOR R-550 WT 5 LBS \$4.95

ELECTRONIC COMPONENTS

CM-417/GYC-4(V) SIGNAL COMPARATOR MODULE WITH OVER SIXTY SIGNETICS IC'S AND SOCKETS. INCLUDES AT LEAST A DOZEN SP-387A QUAD 2-INPUT NAND GATES AND A DOZEN SP-321A DUAL J-K BINARIES. ALSO SOME SP-337 NAND GATES, SP-322B J-K BINARIES, N8293A'S PLUS OTHERS.



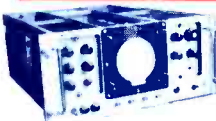
IN ADDITION THE MODULE HAS OVER THIRTY ELDEMA CF-S-1730 6 VOLT INDICATOR LAMPS, AN 8-POSITION ROTARY SWITCH AND A DPDT MINIATURE TOGGLE SWITCH. SIZE: 15x5x1 1/2, WT: 9 LBS. PRICE: USED, \$24.95, 34-COND. CONNECTOR \$3.

TELETYPEWRITER SCOPE



TDA-2N TS-1060 TELETYPEWRITER TEST SCOPE, MEASURES BIAS AND DISTORTION OF START-STOP AND SYNCHRONOUS TELEGRAPH SIGNAL ON A 3" CRT. INPUT SPEEDS APPROX. 60 WPM (5 UNIT CODE), 60, 75, 100 WPM 7.42 CODE, ANI BAUD SPEED EQUIVALENTS TO 60.75, 100 WPM (10.42 UNIT CODE). INPUT IMP. 100 OHMS FOR 60MA NEUTRAL; 300 OHMS FOR 20MA NEUTRAL AND 30MA POLAR. MEASUREMENT RANGE 0-50% MARKING, OR SPACING BIAS AND DISTORTION. TUBES: 3K1P, 5651, 0A2, 3/12AT7, 6X4, 0B2, 3/5963, 5726. POWER REQUIRED 115/230V 60HZ. 8x8x15 SH WT 24 LBS. USED GOOD TRANS, CRT \$34.95

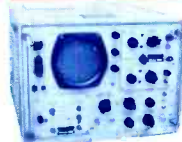
TRANSISTORIZED SCOPE



HFE T4214A TRANSISTORIZED OSCILLOSCOPE; ENGLISH MANUFACTURED SCOPE USES PRINTED CIRCUIT CARDS FOR THE PRE-AMP, SIGNAL DEFLECTION AMP, TIME BASE, INTENSITY MOD, AND SWEEP

AMP. PROVISIONS ALSO FOR SIGNAL DELAY, TRIGGER PICK-OFF, AND TRIGGER DELAY PC CARDS (NOT AVAILABLE). ESTIMATED FREQUENCY RESPONSE: 300 KHZ LIMITED BY DEFLECTION AMP. USES 5LCP11 CRT; SWEEP IS FROM TOP TO BOTTOM BUT CAN BE CHANGED TO LEFT TO RIGHT. INCLUDES CONTROLS: FOCUS, BRIGHTNESS, ASTIG., SIGNAL SHIFT, INPUT ATTENUATOR (0.1 TO 10 V./DIV. IN 7-STEPS); TIME BASE (1 U-SEC TO 10 M-SEC IN 5-STEPS); MULTIPLIER X.5, X1, AND X2; TIME BASE SHIFT, TIME BASE DEFLECTION (EXT/INT); TRIGGER LEVEL; AND FREE RUN/SINGLE SHOT. SLIGHTLY BENT FRAME; LESS CASE AND POWER PLUG. POWER REQUIRED: 115 VAC 60 HZ OR 12 VDC 1 AMP. SIZE: 9x17x25. SHPG. WT: 60 LBS. PRICE: USED, REPARABLE \$50.00

DUAL TRACE SCOPES



AN/USM-105A 15MHZ DUAL TRACE OSCILLOSCOPE. MX-2930B DUAL TRACE VERTICAL PLUG-IN; INPUT IMP 1 MEGOHM SHUNTED BY 30MMF INPUT SENS. .02-20V/CM AC/DC. FUNCTIONS: A, B, CHOPPED, ALTERNATE. HORIZONTAL MX-3078 PLUG-IN. HORIZONTAL SWEEP RATE, 2SECS-.1USEC/CM IN 23 STEPS. HORIZONTAL SENS .1-10V/CM, MAGNIFIER X1-X100 IN 7 STEPS. CALIBRATOR .2-100V/CM IN 9 STEPS. POWER REQUIRED: 115/230V 50-440HZ SIZE 14x19x22 1/2. SH WT 100 POUNDS. USED REPARABLE \$195.00, USED CHECKED \$295.00

HEATH SERVO RECORDER EU-20B, EU-20-1 ADAPTER CHASSIS WITH EU-20V VARIABLE CHART SPEED OPTION ALLOWS 21 SPEEDS 5-7200 SEC/IN. USES 10 IN CHART PAPER. INPUT SENS 10, 25, 50, 100, 250MV, EXT. SH WT 30 LBS. VERY LITTLE USE, FACTORY BUILT. W/ EU-20B MANUAL. \$150.00
EU-445-B CHART PAPER 10"x 120" \$3.25EA, 4/\$10

ORDERING
INFORMATION
SEE PAGE 2

FAIR RADIO SALES CO., INC.

1016 EAST EUREKA STREET - P. O. BOX 1105
LIMA, OHIO 45802 - TELEPHONE (419) 223-2196

MINIMUM
ORDER
\$5.00


FAIR RADIO SALES CO., INC.




100-0-100 DC VOLT
300-0-300 DC VOLT
SCALES WITH SHUNTS
AND INSTRUCTIONS
3 3/8" GL-DC-210A44
NEW \$4.95




500 MICROAMP DC
MOVE. FACE MARKED
"SET TO RED LINE"
LINE LEFT CENTER
MARKED "6 V" TOP
"150 V" BOTTOM.
3 3/8" ROUND SEALED, RUGGEDIZ.
TELECTRO TM-263.
#6625-255-0121 NEW \$6.95



425 MICROAMPERES D.C. 4x4 1/2
SCALE, TOP 0-60
BOTTOM 0-3/15/
60 MARKED ACV
DCV AND MILLI-
AMPERES.
P/O I-135E TEST SET, M-1
#P30033 USED \$6.95




DC VOLTMETER 3
IN. SQ. NO SCALE
COLORED SEGMENT
SIMPSON MFG. NEW
50 VDC #1913 \$6
25 VDC #1906 \$6




GL PANEL METER
1-0-1 MA. 3x2
3/4, 2 1/2 IN MTG
HOLE.
#76-632-0719
PRICE: UNUSED \$8.95




500 MICROAMPS.
D.C. RES. 300
OHM DC. 1 1/2" SQ.
1-3/8" MTG.
DEJUR MOD. 112
STK #3F3312-6.6
\$4.95




SELSYN METER
FOR CHECKING
LEAD AND LAG.
TERMINALS FOR
115 VOLT A.C.
AND FROM SEL
SYN. 4 1/2" DIA.
WESTON 543/245620 U \$6.95



MULTIMETER USED
TO TEST AIRCRAFT
CIRCUITS. FULL-
SCALE 100 UA,
1100 OHMS 10%
4 1/2 x 5 WT. 3 LBS
USAF-5200-474900
\$4.95




MICROMHOS DYNAMIC
MUTUAL CONDUCTANCE
USED IN I-177 TUBE
CHECKER BASIC 0-1.4
MA. HICKOK #M5474
STK # 3F1350 \$4.95

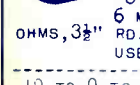


TV-2 REPLACEMENT
METER, 0-250
SCREEN VOLTS,
FS=1 MA. 2 1/2" RD.
SEALED. NEW \$5.95


DECIBELS



10-0-6+ 6 MW
600 OHMS 2 1/2" RD.
WEST. CO. 2837
NEW \$4.95




8-0 to 0 to +6 SC.
6 MILLIWATTS 600
OHMS, 3 1/2" RD.
WESTON 301/21
USED \$3.95



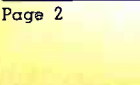
10-0 to 0 to -6 DB;
3 1/2" RD.
VARIOUS MFG. #6625-157-
7802 NEW \$4.95

POWER SET +6 TO 0 TO -3
2 1/2" RD. FS-200 UA, WAFLINE
1496/400 RUGG/SEAL U \$3.95

DECIBELS




380 to 420 CYCLES PER SEC.
3 1/2" RD. 100-130 V. JRT 33-
FHXA-SERA #5877 NEW \$24.95





380 to 420 CYCLES PER SEC.
2 1/2" RD. 100-150 V.
FRAN#2896 #3702 NEW \$22.95

VOLTS-AMPS-MILLI



0-1 MA 3 1/2 IN WITH
SHUNTS & MULTI-
PLIER RESISTORS
PROVIDE RANGES
LISTED: 0-120,
600 MA; 0-3, 12,
30, 60 AMPS; 0-30, 60, 300, 1200
VDC. METER, SHUNTS, MULTIPLIER
RESISTORS MOUNTED ON TERMINAL
BOARDS, REMOVED FROM UN-
USED EQUIP. #SM199 \$14.95

DUAL SCALE METER
0-1 MA MOVEMENT
TWO MECHANICALLY
SWITCHED SCALES,
0-25, 0-125. 1 OR
BEHIND PANEL MTG.
CAN BE ILLUMINATE
SHAFT EXTENDS 3/8" FRONT AND
REAR. 2 1/2 x 1 FACE, 2 1/2 x 3 1/2" OVE
ALL. UNUSED \$7.95





ROENTGENS
PER HOUR METER
50 MICROAMPERE
D.C. FULL SCALE
3 1/2" RUGGEDIZED
REMOVABLE
PLASTIC LENSE,
BLACK FACE.
TOP SCALE 0-500, LOWER 0-10
#300-10764 UNUSED \$3.95



BALLENTINE
V.T.V.M.
METER
ONLY
AC VOLTS
1-10
DECIBELS
0-20
WESTON 643
4 1/2" OR EQ.
MFG. PT. NO. 205007 NEW
STK #6625-557-0899 \$8.95

OUTPUT METER
FOR TS-497B AND
TS-497C SIGNAL
GENERATORS.
300-0-300 DC
MICROAMPS. 3 1/2" RD.
MARION HS3, #5705 NEW \$7.95

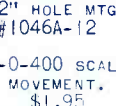



EDGE-WISE METER
0-100 D.C. MA.
FULL SCALE 20 MA
2 1/2 x 3 1/2 x 3/4 FACE
INTERNATIONAL 1135ULB \$5.95




MATCHED METERS CHROME PLAT
ED. 2 1/2" SQUARE, 2" HOLE MTG.
0-30 VOLTS DC #1046A-12
\$1.95
DC AMPERES 400-0-400 SCALE
INDUCTION TYPE MOVEMENT.
#1696-1B \$1.95


DC AMPERES, 50 MV MOVEMENT.
3 1/2" RD. SPECIFY SCALES.
0-80 DCA, SCALE 0-100 SCALE
0-1/5/25 SCALE/EACH \$6.95




FREQ. METERS




30-0-30 DCA PHASTRON RUGGED
50 MVDC MOVE. EXTERNAL SHUN
REQ. 2 1/2" RD #1708 \$5.95



U-300 DCA 4 1/2" RD. STD.
FS-50 MV. #173030 NEW \$9



30-0-30 DCA PHASTRON RUGGED
50 MVDC MOVE. EXTERNAL SHUN
REQ. 2 1/2" RD #1708 \$5.95



0-450 DCA 1 1/2" SQ. RUGGED.
FS-50MV WESTON 1011 NEW \$6

SHUNT



50 MV. 15 AMP
SIZE: 2x1 1/2x1 1/2
6625-810-6742
UNUSED \$2.50

1016 E. EUREKA
BOX 1105, LIMA, OHIO 45802
TEL: AREA CODE 419 223-2196
STORE HOURS
9:00 A.M. TO 5:30 P.M.
MONDAY THRU SATURDAY

TERMS


PRICES NET, F.O.B. LIMA, OHIO
SEND CASH, CHECK OR MONEY
ORDER WITH PURCHASE ORDER

MINIMUM ORDER \$5.00
Orders less than \$5.00
ADD \$1.00 HANDLING CHARGE

Include sufficient money for
shipping charges. (UNUSED
PAYMENTS RETURNED AT
ONCE.) Otherwise we will send
shipping charges collect.

C. O. D. ORDERS. SEND 25% OF
PURCHASE WITH ORDER. BALANCE
WILL BE COLLECTED
UPON DELIVERY.

When writing for information
PLEASE state what specific
information you desire.



WESTON PORTABLE A.C.
AMMETER, 0-5
& 0-15 MIR-
RORED SCALE;
25 TO 500 HZ
MODEL 433.
#6625-187-
1785, RE-NEW
\$45.00

DC AMMETERS

0-50 DCA SC. REQ 50MV SHUN
3 1/2" RD. RUGGED. #8027 NEW \$9.95
0-2 DCA SC. 3" SQ. STAND.
WESTON 731 #1750 NEW \$8.95

0-300 DCA SC. 4 1/2" RD. RUGGED
FS-50 MV #8795 NEW \$14.95

0-1500 DCA SC. 3 1/2" RD. STANT
FS-50 MV #3376 NEW \$7.95

15-0-15 DCA SC. 3 1/2 x 3 1/2" SQ.
STAND. FS=30 A. #8731 U \$5.
25-0-25 DCA SC. 3 1/2" RD. STAN
#5988 NEW \$7.95

50-0-50 DCA SC. 3 1/2" RD. RUGG
100 ULA #FS #2182 NEW \$8.95

100-0-100 DCA 50-0-50 MV SH
REQ. 1 1/2" SQ. #2347 \$8

DC AMPERES, 50 MV MOVEMENT.
3 1/2" RD. SPECIFY SCALES.
0-80 DCA, SCALE 0-100 SCALE
0-1/5/25 SCALE/EACH \$6.95

0-5 DCA SCALE, 2 1/2" SQUARE,
EMICO RF2C-2202; #6625-909-
0433. NEW \$3.95

30-0-30 DCA PHASTRON RUGGED
50 MVDC MOVE. EXTERNAL SHUN
REQ. 2 1/2" RD #1708 \$5.95

U-300 DCA 4 1/2" RD. STD.
FS-50 MV. #173030 NEW \$9

30-0-30 DCA PHASTRON RUGGED
50 MVDC MOVE. EXTERNAL SHUN
REQ. 2 1/2" RD #1708 \$5.95

0-450 DCA 1 1/2" SQ. RUGGED.
FS-50MV WESTON 1011 NEW \$6

0-1 DCA SCALE, 1 ADC MOVEME
VARIOUS MFG, USED 3 1/2 RD \$5

D.C. MILLIAMPS

0-200 MADC SCALE, 2 1/2" ROUND
DEJUR S-210/MR25200DCMA
USED \$2.95

0-200 MADC SCALE, 3 1/2" ROUND
GE#D0-41/CG-22063
NEW \$4.95

0-250 MA DC, FS-5 MA., 1 1/2"
SQ., VARIOUS MFG., #6625-
504-2250 SEALED NEW \$3.95

0-15 SCALE, FS=10 MA. DC,
2 1/2" RD. RUGGEDIZED, HONEY-
WELL, #0043 NEW \$3.95

0-80 MADC SCALE, 2 1/2" ROUND;
RUGGEDIZED; HICKOK OR MARION
MFG. #6625-539-8274
NEW \$4.95

0-5/10/50 GRID BIAS VOLT SC
0-1 MA. MOVE. D.C. RUGGEDIZ
VARIOUS MFG. #MEB-1001 \$3.95

0-10-500 SCALE, FS=1 MA DC
3 1/2" SQ., SIMPSON,
#6625-842-8885 NEW \$4.95

0-50 MADC SCALE, 3 1/2" ROUND
WESTON 301
USED \$4.95

0-25 MADC SCALE, 0-1 MA.
MOVE. RUGGEDIZED, BLK, FACE
WESTON #1521/GA-52832
USED \$4.95

3 1/2" ROUND RUGGEDIZED MA DC
METERS. NEW. SELECT RANGE:
0-100 MADC #4265 \$5.95
150-0-150 MADC #3498 \$5.95

0-100 DCMA 3 1/2" RD. RUGGED.
FS-100 #4265/8457 NEW \$7.95

0-750 DCMA SC/MOVE 1 1/2" SQ.
BL/PL FACE ROW/2015 NEW \$5.



100 U-AMMETER
FULL SCALE;
WITH 0-1.0
AND 0-3 MIR-
RORED SCALES.
4 1/2 x 4 1/2" SIMP-
SON #6963-2. NEW \$9.95

A.C. VOLTMETERS

0-150 VAC 2 1/2" RD. STD.
USED GRO-3169 \$4.95

0-50 VAC 4-1/8x4-5/8 STD.
#6227 NEW \$9.95

0-3-10-30-100 VAC SCALES(4)
2 1/2" ROUND, RUGGEDIZED, SEAL
ED, FS=1.5 VAC #210-07231
UNUSED \$4.95

0-300 VAC SCALE, 2 1/2" ROUND
WESTON RUGGEDIZED, DIRECT
READING. #3F8300-72 N. \$3.95

0-10 VAC, 2 1/2" ROUND, RUG-
GEDIZED, PHASTRON
#6625-629-4816 NEW \$4.95

0-50 V 1000 CYC. SCALE, 3 1/2"
ROUND GE#VAT4M50
USED \$4.95

MANY OTHER RANGES IN STOCK
0-1 TO 0-50, 3 1/2" RD OR SQ
ALSO 2 1/2", SPECIFY SIZE &
RANGE. 2 1/2" USED \$2.95; NEW
\$3.95; 3 1/2" " \$3.95 N \$4.95

380 to 420 CYCLES SCALE,
115 VOLT COILS, 5 1/2" ROUND,
FOR USE WITH EXT. REACTOR.
WESTH.#DY/724979 USED \$7.95

0-150-300 VAC 400 CYC, 3 1/2"
RD., RUGGEDIZED, WESTON 1534
EXTERNAL RES. FOR HIGH RANGE
#6625-851-7278 NEW \$5.95

D.C. VOLTMETERS

0-30 VDC, AIRCRAFT TYPE, 2"
sq. AN3203/4782 NEW \$15.00

0-80 VDC SC. 3 1/2" RD. PLAIN
1000 OHM P/V #8142 N \$6.95

0-100 VDC SC. 2 1/2" RD. RUGG
#9545 NEW \$5.95

0-100 DCV 1 1/2" sq #2345 \$8

0-75 VDC SCALE, 3" RD. PROJ
ECTION TYPE, WESTON 301
1000 OHMS PER V. #248-7207
NEW \$5.95

0-1.5 VDC SCALE, 2 1/2" ROUND
PHASTRON, RUGGEDIZED #683-
9729 UNUSED \$4.95

0-500 VDC SCALE, 3 1/2" SQUARE
HONEYWELL #231-1624
UNUSED \$5.95

0-5 KVDC 3 1/2" RD. RUGGEDIZED
FS-1 MA. 3F1500-13 \$8.95

0-500 VDC 2 1/2" RD RUGGEDIZEI
FS-50 MUA #683-9829 \$5.95
FS-1 MA. #MR26W500 \$5.95

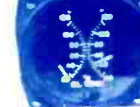
0-100 VDC SCALE, 3 1/2" ROUND
FS=100 V. BURLINGTON #431/
MR35W USED \$4.95

0-500-1000 VDC, FS-500 VOLTS
3 1/2" RD., RUGGEDIZED, WAFLINE
#6625-842-9705 NEW \$6.95

0-150 VDC, 3 1/2" ROUND,
HOYT NO. 17-1, UNUSED \$4.95

0-300 VDC SCALE; 2 1/2" ROUND.
RUGGEDIZED, BLACK FACE.
WAFLINE 82056 NEW \$4.95

0-1000 VDC 2" SQ. STD. W/
1000 OHM RES. TRIPOLET #
227-I NEW \$8.95
AC VOLTS PORTABLE
0-15 & 150 SCALES
SUP #1550 USED \$15

OIL - TEMP
INDICATORS
DUAL MOVEMENT
& COILS
W/8 RES. IN
SERIES/PARA
LEL, 280 MU
AMP AT PLUG
150 MUA MOVE. POINTERS
CAN MADE TO READ UP/DOWN
DEPENDS HOW WIRED. EXPER-
IMENTER ITEM FOR MULTI-
CHANNEL STERO USE.
GRO-24 USED \$2.95

R.F. AMMETERS




0-100 SCALE, FS-
1.2 MA. 2 1/2" ROUND
VARIOUS MFG.
USED \$2.95
NEW \$3.95

0-5 R.F. 2 1/2" RD. WESTON
RING MTG. #8314 NEW \$6.95

0-5 R.F. 2 1/2" RD. STD. BL FA
#ART-13/M-101 USED \$5.95

0-5 R.F. 3 1/2" RD. STD. WHITE
#MR35L COBFAA USED \$7.95



A-61 ANTENNA
JUMMY LOAD
WITH 2 1/2" RD
0-5 RF AMME-
TER. LESS
.0001 MFD
VACUUM CAPACITOR. POWER
RATING: 50 WATTS. ALUMINUM
CASE 7x5 1/2 x 2 1/2 WT 3 LBS
PRICE USED LESS CAP \$6.00

DC VOLTMETERS

- 0-1 VDC SCALE 2 1/2" RUGGEDIZED FS-1V. NEW # 0887 \$5.95
- 0-10 VDC SC. 1 1/2" SQ. RUGGED FS-50 MV. NEW #0768 \$4.95
- 0-10 VDC SC. 2 1/2" RD. RUGGED NEW #2979 \$5.95
- 0-5-10-20 VDC SC. 2 1/2" PLAIN 500 U A FS. NEW #0250 \$4.95
- 0-10 VDC 2 1/2" RD. RUGGEDIZED #9923 NEW \$5.95
- 0-200 VDC SC 2 1/2" RD. RUGGED #4197 NEW \$5.95
- 0-200 VDC SC 3" RD. PLAIN 250 OHM P/V WESTON 301 \$7
- 0-300 VDC SC 3" RD. PLAIN 1000 P/V WESTON 301 U \$7
- 0-2 KVDC SC. 2 1/2" SQ. PLAIN 1000 P/V #9743 NEW \$6.95
- 0-4 KVDC SC. 3" RD. PLAIN 1 MA. FS. WESTON 301 U \$7
- 0-5 KVDC SC. 3" RD. RUGGED 1 MA FS. #5733 NEW \$7.95
- 0-8 KVDC SC. 3" RD. RUGGED 1 MA FS. #9415 NEW \$7.95
- 0-20 KVDC SC. 4x4 1/2" PLAIN 1000 P/V WESTON #9085 \$12
- 0-8 KVDC SC. 4 1/2" RD. RUGG. 1 MA. FS. #3239 \$12

DB METERS

- DB METER -12 TO +8, 100U A FS. 3 1/2" RD. BLK. FACE RUGG WAC MODEL AED #4586 N \$8.95
- DB METER -20 TO +6 FS=192 U A 3 1/2" RD. CLEAR PLASTIC CASE, TRIP 321L #5367 N \$8.95
- DB METER -30 TO +70 FS=50 U A 2 1/2" RD. STD #4680 N \$6.
- DB METER -20 TO +3 FS=199 U A 2 1/2" RD #GA50934 U \$3.95

AC VOLTMETERS

- 0-3 VAC 3" RD. SUB-PANEL MT. 1000 P/V 2F8003-11 NEW \$7.95
- 0-7.5 VAC 3" RD. NOT-RUGGED WEST #CAY22237 N \$6.95
- 0-10 VAC 2 1/2" SQ. ST. TYPE. WESTON 517 N. \$5.95 SQUARE " " N. \$5.95
- 0-15 VAC 3" SQ. ST. TYPE. WESTON 476 N. \$7.95
- 0-20 VAC 2 1/2" RD. RUGGEDIZED #756-1866 N. \$6.95
- 0-50 VAC 3 1/2" RD. ST. TYPE WESTON 476R UN. \$7.95
- 0-50 & 0-300 VAC SC. ST. TY 2 1/2" SQ. #6783 N. \$6.95
- 0-150 AC VOLTS, 2 1/2" IN RD. SEALED, VAR. MFG. USED \$5.95
- 0-200 VAC SC. 3 1/2" RD. RUGG. 1000 P/V #0747 NEW \$9.95
- 0-750 VAC SC. 2" SQ. STD. T FS-30 VAC #088-0476 N. \$5.95



TRIO ELECTRONIC A.C. VOLTMETER MODEL 142-1608 3 1/2" RD. 4 1/2" DEEP #6625-984-2613 USED \$14.95 NEW \$22.95

DC MILLIAMMETERS

- 0-1 DCMA SC. 1 1/2" SQ. MR13V001DCMA N. \$4.95
- 0-1 DCMA SC. 1 1/2" RD. SINLE HOLE MTG. INTERNAT. #100V NEW \$4.95
- 0-1 DCMA SC. 2 1/2" RD. RUGGED #4079 NEW \$6.95
- 0-1 DCMA SC. 3 1/2" RB. RUGGED #3228 NEW \$8.95
- 0-1 DCMA SC. 2 1/2" SQ. #0659 NEW \$6.95
- 0-1.5 DCMA SC. 3 1/2" RD. STD. MR34W1R5DCMA USED \$6.95
- 0-2 DCMA SC. 2 1/2" RD. STD. MR26W002DCMA NEW \$6.95
- 0-2 DCMA SC. 3 1/2" RD. RUGGED #4078 NEW \$8.95
- 0-3 DCMA SC. 3 1/2" RD. RUGGED #4081 NEW \$8.95
- 0-10 DCMA SC. 1 1/2" RD./SINGLE HOLE/MTG. FS=1MA #7693 \$3.95 N
- 0-10 DCMA SC. 3" SQ. STAND. FS=10 MA. #7527 NEW \$8.95
- 0-10 DCMA SC. 1 1/2" SQ. WHITE FACE FS=1 MA #3538 N \$4.95
- 0-15 & 0-50 DCMA SC. 3 1/2" RD. RUGGED, FS=50 U A, MARKED VOLTS/MA #7484 NEW \$8.95
- 0-50 DCMA SC. 3 1/2" RD. STD. #GR0-50 USED \$6.95
- 0-100 DCMA SC. 3 1/2" SQ. STD. #7474 NEW \$6.95
- 0-100 DCMA SC. 2 1/2" RD. STD. 1.2 MA FS 3F910-7 NEW \$3.95
- 0-150 DCMA SC. 3 1/2" RD. STD. CAY22061 USED \$5.95
- 0-150 DCMA SC. 3 1/2" RD. STD. #3088 NEW \$7.95
- 0-300 DCMA SC. 3 1/2" RD. STD. #GR0-300 USED \$6.95
- 0-500 DCMA SC. 3 1/2" RD. STD. #GR0-500 USED \$6.95
- 0-200 SC. MARKED PLATE, GRID BATT. BLK. FACE, FS=IMADC. 2 1/2" RD. ART-13/M-102 U \$4.95
- 0-200 DCMA 2 1/2" RD. BLK. FACI FS=200MA. TCS458N0710 U \$4.95
- 0-15 V & 0-100 MA. SCALES. FS=1 MA. 1 1/2" SQ. #7827 \$8



RDR FREQ. CHZ SCALES #1 8-10 #2-2 TO -4 #3-3 TO -1 #4 NO #, FS=25 TO 125 UA 3 1/2" RD. RUGG. WACLINEN30759 N \$8.

0-150 ADC 3 1/2 x 3 1/2 FS=50 MV. HOYT 607 #8397 NEW \$9.95

KILOHMS SCALE 10- TO .1 & 0-1 FS=IMADC 3 1/2" #1213 N \$8



0-50 DCMA EDGE-WISE 1x3x3 IDEAL #458-0667-00 NEW \$4.95

"V-U" 75-0-75 MICROAMP DC 1" SQ. JAPAN SN-871 \$1.50

AC AMMETERS

- 0-1 ACA SC. 2 1/2" RD. ST. TY WESTON 517 U. \$4.95
- 0-2 ACA SC. SPECIFY TYPE WESTON 476 3" SQ. U \$6.95 " " 3 1/2" RD. U \$6.95
- 0-3 ACA 3 1/2" RD. STD. SCALE LOW/NORM/OVER T-600 \$6.95
- GE AC AMMETER U-125 SCALE 0-1 A 400 CYCLE MOVE. 2" SQ. #2319-6625-649-1982 NEW \$3.95
- 0-150 ACA SC. 3 1/2" RD. STD. TRANS. REQ. #3974 N. \$6.95
- 0-200 ACA SC. 3 1/2" RD. STD. FS=5 A. #9710 N. \$7.95
- 0-125 ACA SC. 60 CPS. FS=5A 0-150 ACA SC. 50 CPS. FS=5A 3 1/2" RD. RUGG. #9105 N \$9.95
- 0-25 AC MA SC. 3 1/2" RD. STD. TRIPOLET 331S U \$8.95
- 0-50 AC MA, SC. 3 1/2" RD. STD WESTON 476 U \$9.95
- 0-250 & 0-500 ACA SC. 3 1/2" R FS=5 A. #4047 N. \$7.95

D.C. MICROAMPS.

- 0-200 D.C. MICRO-AMPERES, 3 1/2" ROUND. CENTER ADJ USTMENT. USED WE #167807 \$4.95
- 0-200 DC MICROAMPERES, 3 1/2" RD. RUGGEDIZED, MARION HS-3 #3981 NEW \$4.95
- 0-200 DC MICROAMPERES 2 1/2" RD. PLAIN SCALE MARKED CALIBRATE-ZERO. RES 75 OHMS #6625-504-2327 NEW \$4.95
- 50 UA MOVEMENT, SCALE -30, 0, 150, POINTER AT ZERO, SEAL ED, 2 1/2" RD USED TRC30150 \$4
- 50 UA MOVE, SCALE 0-100 % MOD/PEAK VOLTS. SEALED 2 1/2" RD USED TRC10050 \$4.00
- 200 UA MOVE, 0-20 SC. 1 3/4 SQ. WHITE FACE USED \$3.95
- 100-0-100 DCUA MARKED ACV 4 1/2 x 4 UNUSD 41201 \$9.95
- 250UADC VOM MOVE. OHMS 30 CENTER, ACV DCV 0-40, 100. 2 1/2" RD SEALED UNUSD #2358 \$7.95
- 0-2 RF AMMETER/WHEMOCOUPLE, WESTINGHOUSE RT-35 3" SQ UNUSD \$12.00

MULTIMETERS



PIC #1 SCALES: OHMS 0-1NF. DCV 0-15, ACV 0-50, PP 0-40 0-150 FS=750 U A 4x4 1/2, SC# 202130-139 FSN0562 N \$15

PIC #2 SCALE #1 5M TO 0 #2 0-150 FS=750 U A 4x4 1/2, SC# 202130-139 FSN0562 N \$15

PIC #3 SCALES OHMS 0-1000, VDC 0-3/0-10, VAC 0-30/0-10 4 1/2 x 4 1/2 #0752 NEW \$15

1-176 TEST UNIT METER FOR MULTIMETER #8347 NEW \$15.

METERS

WE PROBABLY HAVE THE LARGEST STOCK OF SURPLUS PANEL METERS IN THE COUNTRY. IF YOU DON'T SEE WHAT YOU WANT LISTED, WRITE DESCRIBING YOUR REQUIREMENTS. IF YOU DESIRE A REPLACEMENT METER, PLEASE INDICATE ALSO THE PIECE OF EQUIPMENT IN WHICH THE METER IS TO BE USED. WE JUST MIGHT HAVE WHAT YOU NEED.



METER WITH DUAL 0-3 X100A SCALE FOR USE WITH 50 MV SHUNT; 2" RD. 4 1/2" DEEP. SINGLE HOLE MTG. VOLTRON MODEL 12A933A; #6976 PRICE: NEW \$25.00

METER WITH 0-10 "FAULT/OK/FAULT" ON SCALE A; SCALE B "OK/FAULT/CAL." FS=50 MA-DC. 1 1/2" SQ. #7392 NEW \$5.00

METER, FIRST SCALE HAS 16 DIV., SECOND READS "LO/HI", THIRD "INPUT V." FS=50 MA-DC. 1 1/2" SQ. #1076 NEW \$5.

0-10 DCMA SCALE, 1 1/2" SQ. FS=1 MA. SEALED, #3538 PRICE: NEW \$5.00



10-228/APA-64 PULSE ANALYZER INDICATOR WITH TWO 2 1/2" RD FS=200UA SEALED METERS, SCALES READ "PULSE WIDTH" & "PULSE RATE FREQUENCY". HAS 2/SPST, 1 MOM; DPST, DPUT CENTER OFF; ALSO HAS 4 POTS, 2 FEMALE 2 CHASSIS CONNECTORS 4, 14 PIN. SIZE 6x4 1/2 x 4 1/2, WT 5 LBS PRICE; USED \$6.95

1/100 SECOND TIMER MFG BY STANDARE ELECTRIC TIME CO. MEASURES TIME UP TO TEN MIN TO .01 SEC. HAS 115V 60 HZ CLUTCH AND MANUAL RESET. SIZE 5x5x6. SH WT 6 LBS. USED EXCEL, CHECKED 10 MINUTES 0.01 SEC \$34.95 -60 SECOND 0.01 SEC \$31.95

MICROMETER WAVEMETER P/O TRC-29. 1700-2600MHZ. NO OUTPUT INDICATOR, 3 3/4 x 2 DIA. SH WT 4 LBS WITH ORIGINAL CAL CHART. USED \$24.95 W/COPY CAL CHART NOT SAME SERIAL NUMBER, USED \$19.95

PRECISION VERNIER WAVEGUIDE PROBE 4 3/4" LENGTH 3/8x5/8 WAVEGUIDE. PROBE CAN BE POSITIONED HORIZ-ONT ALLY 30MM AND VERTICALLY 10MM. P/O TN-191/GPN \$12.95

SOLDERING IRON



PRINCESS #6902 PASTEL SOLDERING IRON HANDLE TWO WIRE CORD 4 1/2 FEET LONG. NO ELEMENTS. UNUSD \$1.50

SIMPSON Wide-Vue



0-100 DC AMPS 4 1/2 x 4 1/2 6317 \$15
100-0-100 DCA 3 1/2" SQ 6775 \$10

SIMPSON SIGNAL STRENGTH 0-100. 200 UA. 1 3/4 SQ NEW #21-9400 \$7.95



0-20 DCA SCALE 50MV 3 1/2" N \$10.
0-3 AC AMPERES 3 1/2" #7832 \$15

0-500 MA/AC 3 1/2" #6775 \$15

50-0-50 DC-MA 3 1/2" #4739 \$15



0-5 DCA 2 1/2 x 2 1/2 NEW-DESIGN #2403 PIC.#1 NEW \$12.95

0-5 DCA 2 1/2 x 2 1/2 NEW-DESIGN #2403 PIC.#1 NEW \$12.95
AUTOMOTIVE TYPE PIC. #3 -15-0-15 2" RD. AMPERES #6625-542-0893 NEW \$2.95

-30-0-30+ AMPERES 2" RD. 6625-217-9014 NEW \$2.95



AP1 25-50 VDC W/ CONTACTS TO MAKE ON UNDER/OVERVOLT AGE. 4 1/2 x 4 UNUSD #19-15 \$9.95

WIRE

#18 16/30 VINYL CVRD. HOOK-UP WIRE, \$2.25 PER 100 FT. \$16.00 PER 1000 FT.

#20 10/30 VINYL CVRD. HOOK-UP WIRE, \$1.75 PER 100 FT. \$11.00 PER 1000 FT.

ONE PAIR TWISTED #24 7/32 VINYL CVRD. BELL WIRE \$2.00/100 FT. \$15.00/1000FT.

AIRCRAFT TYPE WIRE, NYLON BRAID COVERING 600 VAC 200°

#22 STRANDED SILVER COATED WIRE & SHLD. \$4.50/100 FT. \$35.00/1000 FT.

2/22 STRANDED SILVER COATED WIRE & SHLD. \$6.00/100 FT. \$50.00/1000 FT.

TINNED COPPER FLAT BRAID, 3/8" WIDTH \$1.10/FT. 3/8" WTH. \$1.20/FT. 3/4" LENGTH. \$1.50

TINNED COPPER TUBULAR-BRAID, SPIRAL STEEL CENTER, 3/8" DIA. \$1.30/FT. 9 FOOT LENGTH \$2.00.

5/8" DIA. \$1.50 PER FOOT.

BC & ARC COMMAND SETS

THE COMMAND SET SERIES OF TRANSMITTERS AND RECEIVERS HAVE BEEN POPULAR FOR MANY YEARS ON THE SUPPLUS MARKET.

THE SERIES CONSISTS OF SEVERAL SEPERATE UNITS COVERING THE FREQUENCY RANGE OF 190 KC TO 9.1 MC FOR THE RECEIVERS AND 2.1 TO 9.1 MC FOR THE TRANSMITTERS.

IF YOU ARE NOT FAMILIAR WITH THE CONVERSION OF THIS EQUIPMENT IT IS SUGGESTED THAT YOU PURCHASE CONVERSION MANUAL COVERING THE SET.

CQ SURPLUS CONVERSION MANUAL, WHICH INCLUDES COMMAND SETS IS AVAILABLE FROM US FOR \$4.50 (FOR OTHER CONVERSION MANUALS SEE PAGE 21)



THE RECEIVERS ARE SIX TUBE SUPERHETERODYNE WITH THE FOLLOWING TUBE LINE-UP: 1/12A6, 1/12K8 3/12SK7 & 1/12SR7.

DESIGNED TO OPERATE WITH THE USE OF A DM-32 24 VOLT D.C. DYNAMOTOR WITH A OUTPUT VOLTAGE OF 250 VDC @ 60 MA. ALSO REQUIRES 24 VOLTS FOR FILAMENTS. THE SET WAS TUNED FROM A REMOTE POSITION BY THE USE OF A FLEXIBLE SHAFT AND CONTROL BOX. SIZE: 5x5x11; WT: 12 LBS.

R-23/ARC 190 to 550 KHz USED \$16.95

R-26/ARC 3.0 to 6.0 Mhz USED, \$15.95

R-25/ARC 1.0 to 3.0 MC UNUSED \$22.95

R-28/ARC-5 100 to 156 MC CRYSTAL CONTROL ON FOUR PRE-SET CHANNELS WITH 24 VDC MOTOR, NOT CONTINUOUS TUNING. USES SAME VOLTAGE BUT DIFFERENT TUBES. SEE CONVERSION MANUAL FOR DETAILS TO MAKE CONTINUOUS TUNING. USED \$18.95

THE TRANSMITTERS WITH PROPER USE CAN PUT OUT 50 WATTS CW AND 30 WATTS ON PHONE. MODULATION IS OBTAINED FROM SEPARATE UNITS, BC-456 FOR SINGLE TUBE MOD. AND MD-7 FOR PUSH-PULL MOD.



THE DM-33 DYNAMOTOR IS USED TO SUPPLY THE VOLTAGES AND IS MOUNTED ON THE MODULATOR. VOLTAGES REQUIRED 575-600 VDC @ 175-200 MA. AND 24 VOLTS. WITH TUBES 2/1622 1/1626 & 1/1629 MAGIC EYE TUBE FOR TUNING AND CRYSTAL FOR CALIBRATION. SIZE: 5x7x12; 12LE BC-457 TRANSMITTER 4.0 TO 5.3 Mhz NEW \$14.95 BC-458 " " 5.3 TO 7.0 " " \$14.95

ROTARY INDUCTOR COIL AS USED IN COMMAND TRANSMITTERS. UNIT WE ARE OFFERING WILL HAVE A GOOD COIL BUT NO IDENT PLATE OVER THE OPENING, NO TUBES & OTHER PARTS WILL BE MISSING. THE COIL ASSY WILL BE GOOD. AND WILL BE ON CHASE 1S. WT: 10 LBS. \$4.95

BC-456 MODULATOR FOR USE WITH COMMAND TRANSMITTERS, SINGLE TUBE MODULATION WITH TUBES 1/1625, 1/12J5GT AND 1/VR-150. HAS PROVISIONS FOR MOUNTING DM-33 DYNAMOTOR. SIZE: 7x8x10; WT: 11 LBS. UNUSED \$9.95

MD-7/ARC-5 MODULATOR SAME AS BC-456 ONLY USES 2/1625 TUBES IN PUSH-PULL FOR 40 TO 60 WATTS. USED L/COVER \$9.95

COMMAND RECEIVER AC POWER SUPPLY SEE PAGE 20 SPIN TUNING KNOB FOR RECEIVERS \$1.50 DM-32 DYNAMOTOR 24 V FOR REC. UNUSED 4.95

C-18 RECEIVER SINGLE, CONTROL BOX FOR TUNING ONLY, 0-36 DIAL W/SPIN KNOBE NEW \$3.00 BC-450 CONTROL BOX FOR 3 RECEIVERS 3.00 BC-451 " " 1 TRANSMITTER 3.00

FLEXIBLE SHAFTS MC-215 FOR COMMAND EQUIPMENT 6 FT. \$1.50 EACH ADDITIONAL FT. 25¢ EXTRA.

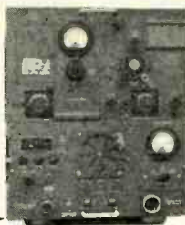
DYNAMIC SPEAKER FROM R-48/TRC-8; 3 1/2" DIA. CONE; PM; ONE WATT NORMAL, 2 WATTS PEAK. 4-OHM IMPED. OVERALL SIZE: 4x4x2 1/2; WT: 3 LBS. PRICE: \$5.95



LOUDSPEAKER, DYNAMIC: PERMANENT MAGNETIC FLD 4" DIA. 100-160 MILLIWATTS. SCREEN COVER, BFL P/O PP-308/GKR-5 FLS-101 6LBS. USED \$6.95

RECEIVER-TRANSMITTER

BC-669 RADIO RECEIVER AND TRANSMITTER, FREQ. RANGE FROM 1680 TO 4450 KC. OPERATING RANGE IS 20-30 MILES FROM FIXED STATIONS AND 15 MILES FOR MOBILE ONES, DEPENDING UPON ENVIRONMENTAL CONDITIONS. THE TRANSMITTER SECTION WITH AN OUTPUT OF 45 WATTS, SENDS VOICE MODULATED SIGNALS, WHILE THE RECEIVER IS OF THE SUPERHETERODYNE TYPE, DETECTING BOTH VOICE MODULATED AND TONE MODULATED C-W TELEGRAPH SIGNALS. HAS SIX CRYSTAL-CONTROLLED FREQUENCIES WHICH MAY BE PRESET FOR TRANSMISSION AND RECEPTION. MANUAL CONTROL FOR RECEIVING IS ALSO PROVIDED. WITH TUBES 6H6, 6J5, 6K6, 5/6L6, 6SA7, 3/6SK7, 12J5, AND 2/807. POWER SUPPLY REQUIRED 115V. AC 60 CYCLE (PE-110). SIZE: 18x21x13 WT: 150 LBS. PRICE: USED NEED WORK, \$39.95



PE-110D 115V. AC POWER SUPPLY FOR BC-669; WT: 100 LBS. PRICE: \$30.00 UNUSED RM-21 CONTROL BOX FOR REMOTE OPERATION OF BC-669, WT: 8 LBS. PRICE: \$3.95

BROADCAST RECEIVER



R-22 RECEIVER 550 TO 1500 KC AM, ONE BAND CONTINUOUS TUNING, NO DIAL (SEE BELOW FOR CONTROL BOX) WITH TUBES 2/14A7, 1/14S7, 1/14R7, 1/14F7 AND 1/12A6. VOLTAGES REQUIRED 250-290 VDC @ 50-90 MA. AND 24 VOLTS. SIZE: 6 1/2 x 5 1/2; WT: 10 LBS. PRICE: NEW \$22.50

CONTROL BOX FOR RECEIVER WITH ADAPTER THAT CAN BE USED ON ANY RECEIVER OF THIS TYPE. SCALE WILL HAVE TO BE CHANGED. CONTROL BOX WITH ADAPTER \$4.95

SCR-522 RECEIVER-TRANSMITTER AM CRYSTAL CONTROL, 30 WATT, 4 CHANNEL ON ANY FREQ. IN THE 100-156 MC RANGE. TUBES TRANS. 2/832, 6SS7, 3/12A6, 6G6 REC. 1/9002, 9003, 12C6, 12H6, 3/12SG7, 12A6 & 2/12AH7. UNITS CAN BE RE-MOVED FROM CABINET CASE SEPARATELY. REQUIRES POWER SUPPLY. SIZE: 16 1/2 x 12 1/2 x 10 1/2; WT: 50 LBS. RE-COND \$34.95 CONNECTOR PLUGS, \$1.50 EA. OTHER ITEMS AVAILAB.



R-77/ARC-3 VHF RECEIVER A.M. 100-156 MC, CRYSTAL CONTROL ON 8 PRE-SET CHAN. WITH TUBES 6/6AK5, 3/12SG7, 2/12SN7, 1 EA. 9001, 9002, 12A6, 12H6, 12SL7 & 12SH7. VOLTAGE REQ. 24 VDC & 210 VDC @ 210 MA. SIZE: 11x7x15; WT: 21 LBS. USED \$24.50

R-5009/ARC-502 SIMILAR TO ARC-3 EXCEPT MADE FOR CANADA. (WE WILL SHIP WHAT IS AVAILABLE) T-67/ARC-3 TRANSMITTER A.M. 100-156 MC, 8 CHAN. PRESET, CRYSTAL CONTROL. WITH TUBES 2/832, 2/6L6 3/6V6, 1/6J5 & 1/12SH7. VOLTAGE REQ. 24 VDC & 410 VDC @ 325 MA. SIZE: 15 1/2 x 10 1/2; WT: 22 LBS. USED \$24.95 CONNECTOR PLUGS \$1.50 OTHER ITEMS AVAILABLE.

T-366A/ARC TRANSMITTER 116 TO 132 MC, 5 CHANNELS CRYSTAL CONTROL WITH 5/5763 TUBES FOR 24-TO 28 VOLTS D.C. OPERATION. USES ARC-14958 CRYSTALS. APPROX. 5 WATTS OUTPUT, USED IN AIRCRAFT. SIZE: 4 1/2 x 4 1/2 x 6; WT: 6 LBS. PRICE: RE-COND. \$16.95



R-15/R-509 RECEIVER VHF 108-135 MC. AM. CONTINUOUS TUNING NO DIAL ON REC. DESIGNED FOR REMOTE USE, 15 MC. I.F. REQ. 24-28 V. FOR FILAMENTS AND 250 VDC 60 MA. HV. HAS FACILITY F. MTG. DYN. ON REAR, AS D-10/DW-32 ETC. W/TUBES 14A7 14F7, 12A6, 9002, 2/14R7, 9003 R-15 NO SQUELCH USED \$16.95 R-509 W/ SQUELCH " \$19.95



R-101/ARN-6 RADIO COMPASS RECEIVER, 100-1750 KC IN FOUR BANDS WITH TUBES 6/12SK7, 4/12SX7, 2/26A7, 2/2050, 1/12SY7 & 1/12SX7. POWER REQUIRED 24-28 VDC. SIZE: 11 1/2 x 7 1/2 x 15 1/2; 40 LBS PRICE: USED \$39.50

AS-313/ARN-6 LOOP ANTENNA USED \$7.95
ID-91/ARN-6 INDICATOR 3" NEW 8.95
PD-5/ARA-19 TUNING DRIVE USED 9.95
AM-203B/ARA-19 AMPLIFIER NEW 8.95
C-403/ARN-6 CONTROL PANEL USED 8.95
MC-124 FLEX. TUNING SHAFT 20 IN. USED 1.50
MC-203 "T" ADAPTER USED 1.50
MC-136 RIGHT ANGLE ADAPTER USED 2.00



AIRCRAFT RADIO RECEIVER 108-135 MHZ, FACILITIES AVAILABLE FOR USE VOICE, VOR, VAR, AMP-LOC, CONTINUOUS TUNING, NO DIAL ON REC., DESIGNED FOR REMOTE USE. FOR TUNING LOCALLY SEE ADAPTER DESCRIBED ELSEWHERE ON THIS PAGE.

WITH TUBES 3/9003, 1/9002, 2/14R7, 1/14A7, 1/14F7 & 1/12A6. POWER REQ. 28 VDC & 250 VDC 60 MA. OR DYNAMOTOR D-10/DW-32 OR EQUAL. SIZE: 6 1/2 x 5 1/2 x 11 1/2; 10 LBS. R-445/ARN-30 USED \$19.95

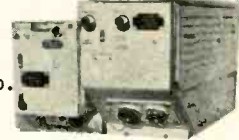


I-130 SIGNAL GENERATOR; 100-156 MHZ WITH 1000 HZ TONE MODULATED SIGNAL, M.O. AND CRYSTAL CONTROL IN 5 STEPS, VARIABLE TUNING OVER ENTIRE RANGE WITH SEPARATE TUNING OF CRYSTAL OSC. CIRCUIT. WITH TUBES 2/9002 & 3/9003. POWER REQUIRED 135 VDC AND 6 V. SIZE 19x9 1/2 x 7 1/2; WT: 27 LB. PRICE: USED \$24.95

R.F. COAXIAL OUTPUT CONNECTOR PL-173 \$1.50
POWER INPUT CONNECTOR PL-177 \$1.50

VHF RECEIVER-TRANSMITTER

VHF TRANSMITTING AND RECEIVING EQUIPMENT AM 100 TO 156 MC. CRYSTAL CONTROL ON 4 PRESELECTED CHANNELS IN THE RANGE SPECIFIED. R-28/ARC-5 RECEIVER (SHOWN ON THE LEFT) CRYSTALS ARE INSERTED IN THE FRONT OF THE SET BEHIND THE ACCESS DOOR, FREQ. DIAL AND SQUELCH ADJ. ARE ALSO ON THE FRONT. SELECTION OF CHANNEL IS DONE REMOTELY WITH THE USE OF THE C-30 /ARC-5 CONTROL UNIT WHICH IS AVAILABLE SEPARATELY. WITH TUBES 4/717, 3/12SH7, 2/12SL7 & 12A6 VOLTAGES REQUIRED 24/28 VDC FOR RELAYS AND SELECTOR MOTOR ETC. 250 VDC & 60 MA. HIGH V. DM-32 DYNAMOTOR CAN BE USED ON THE REAR OF THE SET FOR THE HIGH VOLTAGE. (FOR VARIABLE TUNING SEE SURPLUS CONVERSION MANUAL VOLUME III PRICE \$3.50) SIZE: 14x7 1/2 x 4 1/2; WT: 16 LBS. USED \$18.95



T-23/ARC-5 TRANSMITTER (SHOWN TO THE RIGHT) THE OUTPUT OF THIS UNIT AS DESIGNED IS APPROX. 10 WATTS HIGHER OUTPUT CAN BE OBTAINED AS IT HAS (2) TWO 832 TUBES AND TWO 1625'S. THE AUDIO POWER FOR MODULATING IS FURNISHED BY THE MD-7/ARC-5 MODULATOR WHICH IS AVAILABLE SEPARATELY. FREQ. CHANNEL SELECTION IS MADE BY USE OF THE C-30 CONTROL UNIT WHICH IS AVAILABLE SEPARATELY. VOLTAGES REQ. 24/28 VDC FOR RELAYS & SELECTOR MOTOR ETC. APPROX 600 VDC @ 175 MA F/HIGH V. SIZE: 15 1/2 x 8 1/2 x 5 1/2; WT: 15 LBS. RE-NEW \$24.95 MD-7 MODULATOR; PUSH-PULL MODULATOR DESCRIBED ON PAGE 4 OF OUR REGULAR CATALOG RE-NEW \$12.00

RECEIVER

R-11A RECEIVER 190-550 KC ONE BAND, 85 KC IF FREQ. WITH TUBES 2/14A7, 1/14S7, 1/14R7, 1/14F7 & 1/12A6 (14 SERIES TUBES ARE LOCAL FILAMENTS ARE WIRED FOR 12-14 OR 24-28 VOLTS, HIGH VOLTAGE REQ. 250 VDC 60MA. NO DIAL, DESIGNED FOR REMOTE USE BUT ITEMS LISTED BELOW CAN BE ADAPTED FOR LOCAL TUNING. SIZE: 6 1/2 x 5 1/2 x 11 1/2; WT: 10 LBS. USED \$12.95
C-18 CONTROL BOX, FOR TUNING ONLY, 0-36 DIAL \$3.00



EQUIPMENT BLOWERS

FASCO DUAL BLOWER 50 C.F.M. 115 VOLT 60 CYCLE .74 AMP. 2800 R.P.M. OUTLETS 2x1-5/8, 1 OUTLET IS PARALLEL TO MTG. BASE OTHER IS AT APPROX. 90° BUT CAN BE MODIFIED AS SHOWN IN ILLUSTRATION, INLETS 2 1/2". OVERALL SIZE 7 1/2x6x5 1/2; 10 LB FASCO TYPE 21 XEROX #127S217 NEW \$10.00

DAYTON BLOWER C.F.M. 115 VOLT 60 CYCLE 1500 R.P.M. 0.7 AMP. INLET 5" OUTLET 3 x 3, OVERALL SIZE 7 1/2x7x5; WT: 12 LBS. STK.#9M-439 NEW \$10.95

HEINZE DUAL BLOWER 120 C.F.M. 115 VOLT 60 CYCLE, 3000 R.P.M. .6 AMPS. INLETS 2 1/2" OUTLETS 2". OVERALL SIZE 8 1/2x6x6; WT: 12 LBS. HEINZE #D60362J52 USED \$8.95

EASTERN AIR DEVICES BLOWER 100 CFM CAPACITOR TYPE MOTOR 120 VOLTS 60 CYCLE, 3300 R.P.M. INTAKE 3" OUTLET 2x2 1/2". OVERALL SIZE 6x6x6 w/MTG. EAD#B7ABL-2DR USED \$12.95

TORRINGTON BLOWER, 200 CFM, 220 VOLT 3000 RPM, (110 v. 1500 RPM 100 CFM) INTAKE 4", OUTLET 2 1/2x3, OUTLET MTG. 4" DIA. OVERALL SIZE 7x7x7 1/2. 10 LBS TORRINGTON#A13980 NEW BOXED \$18.95

ORDANANCE BLOWER 6 VOLTS D.C. APPROX 150 C.F.M., TURBINE TYPE IMPELLER, INTAKE 3", OUTLET 1" DIA., OVERALL SIZE 6x6x4; WT: 7 LBS. ORD.#G486392 NEW \$7.95

EASTERN AIR TWO SPEED BLOWER 2800/3200 R.P.M. CAPACITOR START MOTOR 1/40 H.P. .38 A. 115/230 VOLT 50/60 CYC. MOUNTED ON BASE w/4MFD. CAP. TERM. STRIPS ETC. BLOWER APPROX 150 CFM. INTAKE 3" OUTLET 1 1/2x2 1/2; WT: 12 LBS. SIZE: OVERALL 8 1/2x11x6 1/2. EAD#B747MI-C USED \$12.95

FASCO BLOWER, 200 CFM, 115 VOLTS 60 CYCLES, 2.2 AMPS. 3200 R.P.M. 5" INTAKE, 3x3 1/2" OUTLET, 4 1/2x4 1/2 FLANG MTG. SIZE: 7 1/2x7x9; WT: 12 LBS. FASCO#50755-J232 UNUSED \$16.95

FAN TYPE BLOWER, 115 VOLT 60 CYCLE, 20 WATT, 4" PLASTIC FAN BLADES, OPEN FRAME NOISELESS MOTOR, MOUNTED IN CADMIUM CASEMENT TYPE FRAME APPROX. 100 CFM. USED SIZE: 13x5x2; 5 LBS. HOWARD#1075-3102 \$3.95

BLOWER FAN TYPE, DUAL UNIT SIMILAR TO ABOVE UNIT, APPROX 200 CFM. CAN BE RE-MOVED FROM FRAME. USED SIZE: 13x5x2, 8 LB. HOWARD#1075-10-3369 \$7.95

TRANSISTORS HEAT SINKS

FOUNDATION FOR 12 VDC 20 WATT POWER SUPPLY; CONTAINS SIX MOTOROLA POWER TRANSISTORS 108/6402 MOUNTED ON ALUMINUM HEAT SINKS. WITH 15 VDC 8000 MFD. CAPACITOR, A 20 AMP CIRCUIT BREAKER, A 9 LINE TERM. STRIP, WIRE WOUND RESISTORS, ETC. MOUNTED ON FRAME 6x6x8, WT: 10 LBS. LESS TRANSFORMER. IBM #ASM-730470 REMOVED-USED, \$7.95

SAME AS ABOVE, BUT WITH EIGHT TRANSISTORS AND HEAT SINKS, 12 V. 26 A. #ASM-730-480, \$9.95

HEAT SINKS ONLY, AS USED IN THE ABOVE, 5x2x1 1/2, #HS-8/UR 55¢ EACH; TWO FOR \$1.00

WAKEFIELD HEAVY DUTY HEAT SINK HAS 8 INDIVIDUALLY INSULATED SINKS, 4 EA. (1x3) AND 4 EA. (2x3). TAPPED TO MOUNT TRANSISTOR STUDS. PROVISIONS FOR MOUNTING MUFFIN FAN FOR COOLING. ANODIZED ALUMINUM. SIZE: 5 1/2x4x4 1/2. WT: 4 LBS. #FCA-800 PRICE: \$3.95; THREE IN CRATE, \$10.00 UNUSED.

TAPE RECORDER MOTORS

DUAL SPEED OPEN FRAME MOTOR USED WITH RECORDING UNITS, 115 VAC 60 Hz, 2000 & 3000 RPM WITH PULLEY FOR BELTS, PLASTIC FAN BLADE ON OTHER SIDE, 2 1/2" DIA. MOTOR SIZE LESS SHAFTS 2 1/2x2 1/2x2 WT: 2 LBS. #TM-594-1 UNUSED \$2.95, 2 FOR \$5.

HEAVY DUTY TAPE RECORDER MOTOR 115 VAC 60 Hz, 1500 RPM, MOTOR SIZE: 3 1/2x3 1/2x2 1/2, SHAFT 1 1/2x5/16" DIA. WT: 5 LBS. STR. #D6-20220 UNUSED, \$5.95

RECORDER MOTOR, 1500 RPM; 115 VAC 60 Hz, DOUBLE END SHAFT, 3/4x3/16" DIA. & 1x3/16" W/PULLEY. MOTOR SIZE: 2 1/2x2 1/2x2 1/2 WT: 2 LBS. STR. #G140700 UNUSED, \$4.95

RECORDER MOTOR, 1500 RPM; 2" SHAFT IS 3/16" DIA. FOR 1 1/2"; 3/64" DIA. LAST 3". 3/8x3/16" DIA. SHAFT ON OTHER SIDE. MOTOR SIZE: 2 1/2x2 1/2x2 WT: 2 LBS. #602-1 UNUSED, \$4.75

POWER SUPPLIES

SOLA CONSTANT VOLTAGE DC POWER SUPPLIES; 19"x6", SHPG. WT: 40 LBS. UNUSED, \$19.95 EACH

SOLA #	INPUT	OUTPUT
28238	180/240	200/260
28239	"	"
28245	130/200	240/260
28226	115/208/230	"
28272	115/208/230	"

SOLA #28356; INPUT: 115/208/230 VAC. OUTPUT: 300 VDC 300 MA AND 35 VDC 1.5 A. \$29.95

PP-523/GRC POWER SUPPLY, SELECTABLE OUTPUT IN SIX STEPS FROM 34 VDC @ 3 AMPS TO 50 VDC @ 4 1/2 AMPS. INPUT: 115 VAC 60 Hz. With two 2 1/2" RD. METERS 0-100 VDC AND 0-5 AMPS DC SIZE: 9x11x16, 50 LBS. USED, \$32.95

CCG-20409 POWER SUPPLY; INPUT: 115 VAC 60 Hz. OUTPUT: 12 VDC @ 300 MA. (OUTPUT FROM TRANSFORMER: 14 VDC @ 1.5 AMPS.) IN ALUMINUM CASE. SIZE: 8x11x8, WT: 20 LBS. UNUSED, \$9.95

TELETYPE POWER SUPPLY FOR #19 SET. INPUT 105-125 V. 50/60 Hz, OUTPUT 120 VDC 0.6 AMP. W/8 SEC. TAPS. SELENIUM DISC. RECTIFIERS. SIZE: 20 1/2x8x9; 75 LBS. #4TRC-13 USED \$14.95

TRANSISTORIZED

TRANSISTORIZED-REGULATED P.S. INPUT: 105-125 VAC 50/60 Hz. MOUNTED ON CIRCUIT BOARD, 4x5, WT: 3 LBS. UNUSED, #CD5N1.5 5 VDC 1.5 A. \$15. #CD12N.85 12 VDC .85 A. \$18.

THUNDER POWER SUPPLY, OUTPUT: 3.7 VDC 750 MA. VOLT. REG. INPUT 115 V. 60 Hz. HOUSED IN CASE, 3 1/2x5x3; WT: 5 LBS. #S3.7-750 UNUSED, \$12.00

RECTIChARGER

RECTIChARGER BY RAYTHEON, A BATTERY CHARGER FOR TELEPHONE SWITCHBOARD USE. SUPPLIES CURRENT AT A CONSTANT VOLTAGE WITHIN ITS RANGE AND ALSO CHARGES A STORAGE BATTERY ACROSS THE LOAD. INPUT: 95-130 VAC 50/60 Hz.

#10700	22-24 CELLS RATED AT 6.0 AMPS 24x29x12, WT: 280 LBS. \$30.00
#6860	22-24 CELLS RATED AT 3.0 AMPS 20x19x9 1/2, WT: 231 LBS. \$20.00
#6960	115/230 v. 60 MZ 11-12 CELLS 12 A 28x17x15 1/2, WT: 250 LBS. NEW \$40

DUAL BLOWERS

DUAL HIGH VOLUME BLOWER 210 VOLT 60 Hz 3450 RPM 1/8 HP MOTOR, 450 CFM (ESTIMATED), INLET 3" OUTLET 4" DIA. MOUNTED ON FRAME 29x6 1/2 IN. (FRAME CAN BE REMOVED) WT: 40 LBS. URC#683-KP USED \$12.95

ROTRON HEAVY DUTY DUAL BLOWER, 220 VOLT 2 A. 3 PHASE, 3100 RPM, 50/60 Hz. MOTOR SHAFT 1/2" DIA. 2-1/2" LG. BLOWER INLET 4", OUTLET WITH FLANGE 5 1/2x5 1/2, MOUNTING BASE 6x9 1/2. WT: 40 LBS. URC#4345 USED \$24.95

A.C. LINE REGULATOR

WANLESS VARAX AC LINE REGULATOR; INPUT: 102-125 VAC 60 Hz. OUTPUT: 120 VAC WITH LO-HI SWITCH FOR 400 OR 1500 WATT LOAD CHANGE. DC OUTPUT: 24 VDC @ 1.8 A. UNIT IS CAPABLE OF NO LOAD TO FULL LOAD REGULATION WITH BI-1500 INDUCTOR SIZE: 11x5x11, 43 LBS. MODEL C223, USED \$49.50

MOTOR CONTROL

VARIABLE SPEED DRIVE CONTROL USED WITH MOTOR AM No. E-85-132. GE#3S750RJ750A1, FIELD 100 VDC ARM., 140 VDC., 2.6 A INPUT 230 v. 50/60 Hz, 5 LBS GE#3S7505RJ750A1 NEW \$25.00

P.M. MOTORS

28 VOLT MOTOR, 135 RPM; HP: 1 oz./IN. WITH 5/16x 1/2" DIA. GEARED SHAFT; HAS 4 SOLDER TERMINALS ON 1x1 1/2x 1/2 BLOCK. MOTOR SIZE: 5x1-7/8 DIA. WT: 1 LB. GE#5BA10FJ444 USED, \$7.95

WESTERN GEAR 24 VOLT MOTOR, 250 RPM, 45 oz./IN. WITH 1/2" DIA. GEARHEAD. 1 1/2" SQ. MTG. FLANGE FOR VERTICAL MOUNT. SIZE: 3 1/2x1 1/2 DIA. 1 LB. #P5B24R3 \$7.95

CONTROL PANEL

RM-23 CONTROL PANEL, USED TO CONNECT THE OUTPUT OF 6 RECEIVERS TO ANY 5 INTERCOM CHANNELS BY USE OF PATCH CORDS, ALSO THE INTERCOM CHAN. CAN BE PATCHED. HAS 5 INTERCOM PUSH SW. W/LITES, INTERCOM SPEAK SW., 5 SETS PATCHING JACKS, 5 POS. CHAN. SELECTOR SW. 6 REC. JACKS, 6 RELAYS, PHONE & MIC. JACKS ETC., SCHEMATIC WITH UNIT. FOR RACK MTG. 19"x7"; WT: 17 LBS. USED \$20.00

MICROPHONES

MICROPHONE. MICROPHONE DYNAMIC TYPE. CRYSTAL TYPE 6' CORD, STD. W/32" 3 COND. PLUG, PUSH SW. SHIELDED CORD PULL-OUT HOL. ON-OFF SW. NO DER, 3x1 1/2x1 .PLUG, 2 1/2x1 1/2x 1/2 VEBCOR 395 .HERALD M-63A NEW \$2.50 . NEW \$1.50

MICROPHONE, SINGLE BUTTON CARBON, HAND HELD TYPE WITH PUSH TO TALK SW. 4 FT. CABLE WITH AMPHENOL 3 WAY PLUG, ALUMINUM CONSTRUCTION. P/O RC-263/SK8-226 NEW \$7.95

AM-FM TUNER

AM-FM TRANSISTORIZED TUNER, 5 TRANSISTOR 4-DIODES WITH AVC AND AFC. CONSISTS OF RF OSCILLATOR, IF, DETECTOR STAGES. REQUIRES 9 VDC. NOT GUARANTEED OPERABLE. UNUSED WITH SCHEMATIC AND HOOKUP DIAGRAM, 4 1/2x3x1 1/2 BC-CD-34 TUNER \$2.50 EACH

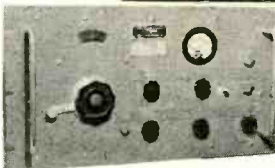
MINIMUM ORDER \$5.00

U. H. F. RECEIVER



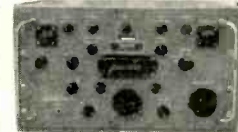
R-48/TRC-8 RECEIVER
F.M. 230 TO 250 MC.
ONE BAND VARIABLE
TUNING, VOLTAGE RE-
QUIRED 115/230 60 CYC
WITH SPEAKER, PHONE
JACK, SQUELCH CIRCUIT
2 1/2" METER FOR CIRCUIT
CHECKING. WITH TUBES 8/6AG7, 1/9002, 1/5U4, 1/
6V6, 1/VR-150, 1/6N7, 1/6SN7, 1/6AL7. SIZE: 20x
19x16; WT: 75 LBS.
USED \$34.95

VHF RECEIVER



BC-639 RECEIVER AM
100 TO 156 MC CONT-
INUOUS TUNING OVER
THE ENTIRE RANGE.
CONTROLS FOR CW,
TONE, AVC-MANUAL,
R.F., AUDIO GAIN,
ATTENUATION, SENSI-
TIVITY ETC. TUNING
METER, PHONE JACKS ETC. WITH TUBES 1/6SC7, 1/
6K6, 4/6SG7, 1/9002 & 3/9003.
SEPARATE RA-42 POWER SUPPLY THAT SUPPLIES ALL
THE REQUIRED VOLTAGES AND OPERATES FROM 115/
230 VOLT 60 CYC. BOTH UNITS ARE DESIGNED FOR
19" RACK MOUNTING. REC. 10 1/2" HIGH, P.S. 7" H.
SHPG. WT! 75 LBS.
PRICE: USED SERVICEABLE \$60.00 CHECKED \$75.00

R-390A/URR RECEIVER



R-390A/URR RECEIVER,
TRIPLE CONVERSION SET
COVERING 0.5 TO 32
MHZ READ DIRECTLY
FROM COUNTER-TYPE IN-
DICATOR. 1ST IF VARI-
ABLE 17.5 TO 25 MHZ;
2ND IF 3 TO 2 MHZ; 3RD IF FIXED 455 KHZ.
RECEIVES CW, MCW AND VOICE; ALSO SINGLE
SIDE BAND AND FSK THROUGH USE OF BFO. WITH
BUILT-IN CRYSTAL CALIBRATOR EVERY 100 KHZ.
OUTPUT IMPEDANCE 600 OHMS; ANTENNA IMPED.
125 OHMS BALANCED. POWER REQUIRED: 115/230
VAC 60 HZ. SIZE: 10 1/2 x 19 x 16 1/2. WT: 90 LBS.
PRICE: USED REPARABLE \$400. USED CHECKED \$550.

FM TRANSMITTER 70-100 MC



T-14/TRC-1 TRANSMITTER
F.M. 70 TO 100 MC 40 W.
115/230 V 60 CYCLE IN-
PUT. WITH TUBES 1/829,
4/6V6, 1/6SL7, 1/6SN7, 2/
6AC7, 1/816 & 5R4.
PHASE SHIFT MODULATION
-30 Kc., 2 1/2" METER FOR
MEASURING THE VOLTAGES
OF THE DIFFERENT STAGES

CRYSTAL CONTROL ON ONE CHANNEL IN THE RANGE.
SIZE: 16 1/2 x 10 x 12; WT: SHPG. 100 LBS.

PRICE: USED, REPARABLE, \$39.95

AM-8/TRA-1 POWER AMPLIFIER, LISTED BELOW
CAN BE USED TO BOOST THE POWER OF THE T-14

70 TO 100 MHZ RECEIVER

R-19/TRC-1 RECEIVER;
70 TO 100 MHZ FM
IN 300 CHANNELS.
1ST IF VARIABLE
FROM 32.5 TO 47.5
MHZ; 2ND FIXED
5 MHZ. OUTPUT IMPEDANCE: 6 OHMS. WITH
TUBES 7/6SH7, 3/6AC7, 2/6H6, 2/6X5,
6SN7, 6SL7, AND 6X5. POWER REQUIRED:
1.15 VAC 50/60 HZ. SIZE: 8x12 1/2 x 19 1/2
SHPG. WT: 50 LBS.



PRICE: USED, LESS CRYSTALS, \$29.50



AM-8/TRA-1 POWER AMPLIFIER
FOR 70-100 MC F.M. 200 WATT
WITH A RF INPUT OF 25 WATT
(APPROX.) IMPEDANCE 70 OHM
USES 2/4E27 TUBES IN CLASS
"C" PUSH-PULL TUNED PLATE
CIRCUIT AND 3/003 V.R TUBE
THE FILAMENT TRANSFORMER
5 V.CT 15 A. IS SUPPLIED

IN THE UNIT, -100 VDC, 450 VDC @ 40 MA AND
2000 VDC 250 MA ARE ALSO REQUIRED BUT ARE NOT
IN THE UNIT. A 115 V. 60 CYCLE BLOWER IS ALSO
IN THE EQUIP. VAR. CAP. DUAL 5-50 & 7-35 MMF
SIZE: 16x10 1/2 x 12; WT: 55 LBS. IN CHEST 100 LBS
PRICE: LESS 4E27 TUBES, U \$18.50 RE-NEW \$24.50
WITH TWO (2) 4E27 TUBES \$10.00 EXTRA

POWER AMPLIFIER

R-962 RECEIVER V.H.F. 162.5 TO 173.5
MHZ IN SIXTEEN CRYSTAL CONTROLLED
CHANNELS. DOUBLE CONVERSION SUPERHET,
THAT CAN DETECT A.M., F.M. &
VIDEO SIGNALS. RECEIVER CON-
SISTS OF 5 PLUG-IN MODULES
OF PRINTED CIRCUIT ASSEMBLY
NO TUBES ARE USED. 18 VDC
CONVERSION FOR 2 METERS, VHF
WEATHER, SATELLITE TV ETC.
SEE INFORMATION CQ MAGAZINE
OCT. 74. BY GORDON ELIOT WHITE.
SIZE: 7 1/2 x 2 1/2 x 10; 5 LBS. USED \$19.95



BC-1032 PANORAMIC ADAP-
TER; FOR USE WITH RECI-
VERS HAVING A I.F. FREQ.
OF 5.25 MC. AND WILL
PERMIT THE OPERATOR TO
VISUALIZE A PORTION OF
THE RECEIVED SIGNAL ON
THE 3" CATHODE RAY TUBE
THE SIGNALS DISPLAYED
WILL BE 500 KC BELOW &
500 KC ABOVE THE FREQ.
THAT THE RECEIVER IS
TUNED TO. ADAPTER ALSO
HAS THE USUAL CONTROLS
USED WITH OSCILLOSCOPE
OPERATION PLUS 500 AND
1000 KC SWEEP CONTROL.
VOLTAGE REQ. 115V 60HZ.
WITH TUBES 2/6AC7, 1EA.
6SA7, 6SG7, 6SL7, 6SQ7,
6X5, 2X2, 0C3 & 3AP1 CRT.
SIZE: 13 1/2 x 8 1/2 x 15; WT: 45 LBS.
PRICES: USED REPARABLE \$49.50 MANUAL \$7.50

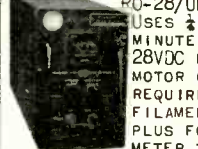
U. H. F. RECEIVER



R-278 RECEIVER 225-399.9
MC, AM, CRYSTAL FREQ. CON-
TROL 1750 CHANNELS 0.1 MC
INTERVALS, 10 PRESET CHAN-
NELS, AUDIO FREQ. RESPON-
SE WIDE 200 TO 20,000 CYCLES
NARROW 200 TO 5000 CYCLES
AVC, SQUELCH, AIR COOLED,
POWER REQ. 115/230 V. 50-
60 CYCLE. UNITIZED CHASSIS,
RACK MTG. SIZE: 19x12 1/2 x 20; WT: 115 LBS. USED SERVICEABLE
PRICE: R-278 WITH FORTY-FOUR TUBES, LESS
GUARD CHANNEL USED \$125.00



RT 18/ARC-1 TRANSMITTER &
RECEIVER AM, 100 TO 156 MC
30 WATT CW AND PHONE, CRY-
STAL CONTROL. VOLTAGE REQUIRE
360 VDC @ 135 MA AND 24 VDC
WITH TUBES 18/6AK5, 2/6C4,
2/6V6, 2/6J6, 2/2A6, 1/6SL7
AND 2/832. SIZE: 10 1/2 x 8 x 20; WT: 45 LBS.
PRICE: 20 CHANNEL \$60
DY-9 DYNAMOTOR 28VDC \$10/DY-10 13/26 USED \$15



RO-28/UNH-6 2 CHANNEL TAPE RECORDER
USES 1/2 INCH TAPE 7" REELS FOR 45
MINUTE RECORDING TIME. USES TWO
28VDC MOTORS, ONE AS CAPSTAN DRIVE
MOTOR OTHER AS TAKE UP MOTOR. POWER
REQUIRED 28 VDC FOR MOTOR AND
FILAMENTS, 115V 400HZ SUPPLIES B
PLUS FOR TUBES. HAS ONE 1 1/2" VU
METER TO SET LEVELS. TUBES 6TF4,
2625, 0A2, 5/5703, 2/6533 SIZE 8x5x19 1/2 LONG
SHPG WT: 30 LBS. USED \$24.95



BC-788 TRANSMITTER RECI-
VER AIRCRAFT ALTIMETER,
PULSE TYPE, TRANS. OUTPUT
50 WATTS, FIXED FREQUENCY
440 MHZ WITH TUBES 1/6L6
9/6AG5 & 1/5Y3. POWER
CYCLE. PRICE: USED \$18.95
REQ. 115 V. 400-2400
SIZE: 15 1/2 x 9 x 8; WT: 13 LBS.



I-152(*) INDICATOR; USED
WITH BC-788 ALTIMETER
FOR INDICATING HEIGHT
OVER TERRAIN IN AIRCRAFT
WITH 3DP1 CATHODE RAY
TUBE (SAME SOCKET/SHIELD
AS 3BP1 TUBE AND OTHER
TYPES) ALSO TUBES 3/
6AC5 AND 2X2. HAS R.F.
CIRCUIT, POTENTIOMETERS,
115 V. 400 CYCLE POWER
SUPPLY ETC. (WILL MAKE GOOD FOUNDATION FOR
A MONITOR) SIZE: 6 1/2 x 6 1/2 x 12; WT: 9 LBS.
PRICE: USED \$8.95 SCHEMATIC \$1.00

RANGE RADAR INDICATOR



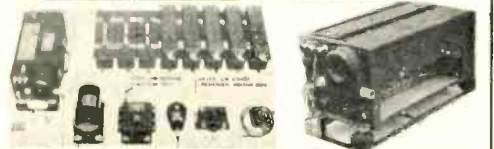
ID-169/APN-12 INDICATOR
OSCILLOSCOPE; USED TO
DETERMINE RANGE OF RADAR
NAVIGATIONAL BEACON
EQUIPMENT WHEN USED WITH
RADAR REC-TRANS UNITS
FOR WHICH IT WAS DESIGN-
ED. HAS VERTICAL, FOCUS,
SWEEP, INTENSITY CONT-
ROLS ON FRONT PANEL.
MOTORIZED COAXIAL SWITCHING UNIT FOR ANTENNAS
WITH TUBES 1/3BP1, 2/6H6, 2/6SN7, 1/6C6, 1/6X5, 1/
2X2. POWER REQUIRED 115 VOLT 400 CYCLE AND 24
VOLTS DC. (TRANSFORMER OUTPUT VOLTAGE APPROX.
425 VOLT.) SCHEMATIC ONLY \$1
SIZE: 10x8x22; WT: 30 LBS. GOV'T RE-COND \$14.95

V L F RECEIVER

K-389 VLF RECEIVER 15-1500
KHZ. DOUBLE CONVERSION (2
RANGES IN 7 BANDS). IF FRE-
QUENCIES 10 MHZ AND 455 KHZ
SENSITIVITY AM 10 UV, CW
3 UV. IF SELECTIVITY 100
HZ TO 8 KHZ IN FIVE STEPS.
AUDIO OUTPUT IMPEDANCE 600 OHMS. SHARP, MED,
OR WIDE AUDIO RESPONSE MAY BE SELECTED, ALSO
HAS LIMITER AND SLOW, MED, FAST AGC. TUBES,
6C4, 2/2625, 3/6AK6, 7/6EJ6, 2/5749, 7/6RH6, 3/6BE6
3/12AT7, 2/6082, 3/12AU7, 2/31F7, SH WT 100 LBS
SIZE 10 1/2 x 17 x 19. USED REPARABLE \$250.00



RU-18 WWII RECEIVER



CW-46048D NAVY AIRCRAFT RECEIVER USED IN WWII
TRF TUNED RADIO FREQ. TYPE, COVERS RANGE OF
195 TO 13,575 KC BY USE OF PLUG-IN COILS, HAS
LOCAL OR REMOTE TUNING CONTROLS, SENSITIVITY,
LOOP & REG. ANT. CONT. WITH TUBES 3/78, 2/77 &
1/38233. TUBES ARE 6 VOLT, SET WAS DESIGNED TO
OPERATE FROM 12-14 V. FOR FIL. & APPROX. 250
VDC @ 50 MA. FOR HV.
PRICE: RECEIVER WITH TUBES, LOCAL TUNING KNOB,
PLUG & CHOICE OF 5 COILS LISTED \$29.95
ACCESSORIES FOR THE ABOVE RECEIVER

COIL O & P DUAL	195-490/290-435	KC	\$2.95
" L & N "	400-600/6000-9050	" "	" "
" Q & G "	540-830/3000-4525	" "	" "
" Q & M "	540-830/5200-7700	" "	" "
" D "	SINGLE	850-1330	" "
" E "	"	1330-2040	" "
" Q & F DUAL	540-830/2040-3000	" "	" "
" H "	SINGLE	4000-6000	" "
" K "	"	9050-13,575	" "
CW-46011	SHOCK MOUNTING BASE		1.00
CW-23087	CONTROL BOX FOR REMOTE USE PLUG TO FIT CONTROL BOX		1.50
CW-23012	REMOTE TUNING HEAD W/DIALS MC-124 FLEX. SHAFT FOR REMOTE USE 20"		1.75
CW-21215	DYNAMOTOR FOR 12 VDC W/PLUG		5.95
CW-22266	TEST METER IN CASE 0-35 MADC 2 1/2" METER RD. WITH PLUG.		3.95
CW-62017	JUNCTION BOX W/4 PLUGS.		3.00
SPARE TUBES: 77, 78 or 38233 EA.	\$2 SET (6)		9.00

EQUIPMENT LISTED ABOVE IS UNUSED FROM WWII



O-39/TRA-7 FREQUENCY SHIFT
EXCITER; FOR USE IN THE 2
TO 6 MHZ RANGE, VARIABLE
TUNING, MASTER OSCILLATOR
IS HOUSED IN HEATED OVEN
W/ THERMOSTAT FOR 60 DEG.
ALSO 850 CYC. AUDIO OSC.
AND BUFFER AMPLIFIER. FREQ. SHIFT 212.5 TO
850 HZ DEPENDING ON THE TRANS. USED.
WITH TUBES 3/6SJ7, 2/0C3, 6AL5, 6V6, 6SA7, 6E5 &
5R4. POWER REQUIRED 115 V. 60 CYCLE.
CABINET SIZE 13x21x16 1/2; 125 LBS. USED \$39.50
CV-31/TRA-7 DUAL DIVERSITY CONVERTER, USED TO
CONVERT THE IF FREQ. OF TWO RECEIVERS INTO
POLAR AND NEUTRAL DC TELEGRAPH SIGNALS. REC.
ANTENNAS SITUATED IN DIFFERENT LOC. AND MIN.
FADING. SIZE: 19 1/2 x 19 1/2 x 19; 220 LBS. USED \$29.95



BD-71 SWITCHBOARD, PORTABLE SIX LINE HAND-RINGING MAGNETO TYPE USING FLASHLIGHT BATTERIES FOR OPERATION. REPEATING COILS ON TWO LINES FOR SIMPLEXING, DROP SIGNAL AND NIGHT CALL BELL. CAN BE USED WITH ANY MAGNETO TYPE TELEPHONES SUCH AS EE-8, RM-29, BD-72, 89, 91, 96, ETC. IDEAL FOR FACTORY, CAMP, FARM OR MOTEL. WITH CHESTSET MICROPHONE AND HEADSET; FOLDING LEGS. 18x12x14 WT: 75 LBS. USED \$14.95

EE-8 FIELD TELEPHONE, PORTABLE HAND-RINGING TYPE. CAN BE USED WITH ANY MAGNETO SWITCHBOARD SYSTEM LIKE BD-71, 72, 89, 91, 96 ETC. OPERATES FROM FLASHLIGHT BATTERIES UP TO 17 MILES. TWO OR MORE PHONES CAN BE OPERATED ON TWO WIRE LINES. WITH CARRYING CASE (MAY BE LEATHER, CANVAS, OR NYLON DEPENDING UPON AVAILABILITY), STRAP AND HANDSET. SIZE: 8x10x3 1/2 SHPG. WT: 18 LBS. PRICE: USED, CHECKED \$21.95



SUB-CYCLE STATIC FREQUENCY CONVERTER USED TO RING TELEPHONE CIRCUITS. OUTPUT: 75-100 V. 7.5 WATTS 20 Hz. INPUT: 115 V. 60 Hz. WITH INPUT AND OUTPUT PLUGS AND FUSE. SIZE: 11x6x5 1/2 WT: 20 LBS. USED, \$14.95



WD-1/TT INFANTRY FIELD WIRE; TWO CONDUCTOR TWISTED PAIR WITH FOUR TINNED-COPPER AND THREE GALVANIZED STEEL STRANDS PER COND. NYLON JACKET MOISTURE AND FUNGI RESISTANCE. 1250 FOOT ROLL (MAY HAVE GOV'T SPLICES) \$25.00



WD-36/TT WIRE AND DISPENSER; CANADA WIRE AND CABLE COMPANY. TWIN, PARALLEL CONDUCTOR, No. 23 WIRE WITH PLASTIC INSULATION. 2500 FOOT LENGTH. DISPENSER SIZE: 6 1/2" DIA. X 4". WT. 7 LBS. \$9.95

JB-70 JUNCTION BOX; USED WITH BC-610 TRANSMITTER. FRONT PANEL HAS SWITCHES AND CONTROLS FOR REMOTE USE OF TRANS. HAS AC OUTLETS BOTTOM & SIDE, 4 HEADSET & 2 KEY JACKS, MIC PLUG, 2 WAFER, 4 TOGGLE, LEVER & START/STOP SWITCHES, CIRCUIT BREAKER, CABLES ETC. SIZE 19x13x5 1/2; WT: 40 LBS. PRICE: USED \$9.95

C-1151/TC TELEPHONE SET WITH SUBCYCLE RINGER. SUBCYCLE RINGER PUTS-OUT 75 TO 100 V. 7.5 W. 16-2/3 & 20 CYCLE, TELEPHONE SYSTEM HAS PUSH-BUTTONS FOR SELECTION. STANDARD TELEPHONES WITH MATCHING RINGERS CAN BE USED FOR A PRIVATE TELEPHONE SYST. POWER REQ. 115 V. 60 CYCLE. RACK MTG. 19. SIZE: 19x10 1/2x23 1/2; WT: 60 LBS. UNUSED \$29.95

C-113/TRC-1 CONTROL UNIT AND INTERCOM SET FOR USE WITH REC TRANS. OR SEPARATE INTERCOM. OPERATES FROM 115 V. 60 CYCLE HAS MIC. AND HEADSET JACKS, BINDING POSTS TO CONN. WIRE, PL-68 PLUG & CABLE, 5 WIRE CABLE, ETC. IN WOOD CASE WITH STORAGE COMPARTMENT. SIZE: 14x9 1/2x12; WT: 25 LBS. USED \$6.95

RC-298 ARMORED TANK INTERPHONE EXTENSION KIT; CONTAINS HEAVY GAUGE WATERPROOF STEEL BOX WITH H-22 HANDSET & COILED CORD, SIGNAL LIGHT, CALL SWITCH, VOLUME CONTROL ETC. REMOTE CALL BOX HAS 2 SW. SIGNAL LITE, CABLE CONN. ETC. CABLE 7 COND. 30 FT. HARDWARE KIT HAS 125 Pcs. OF VARIOUS ITEMS, RUBBER TAPE, EXTRA SW, LENS AND LAMP ETC. SHPG. WT. 78 LBS. PRICE: NEW \$14.95



TA-1/PT TELEPHONE

SOUNDPOWERED TELEPHONE SET WITH AUDIBLE AND VISUAL CALL SYSTEM. PALM OPERATED GENERATOR PUTS OUT APPROX. 100 V. THAT SOUNDS BUZZER IN OTHER PHONE AND ACTUATES VISUAL INDICATOR. COILED CORD WITH PUSH TYPE BINDING POSTS FOR INTERCONNECTING WIRES TO BE FASTENED TO. COMES WITH FIBER CARRING CASE. SIZE: 8 1/2x3 1/2x3 1/2; WT: ACT 2LB USED \$19.95 EACH

TA-312/PT TELEPHONE SET IS A RUGGED, LIGHTWEIGHT, WATERPROOF FIELD TELEPH. THAT CAN BE USED OUTDOORS ON A DESK OR WALL MOUNTED. HANDCRANK GENERATOR FOR RINGING BUZZER. REQUIRES 2 1/2 V BATT. FOR LOCAL USE NONE REQ. W/CB. UNIT COMES IN A CANVAS CASE & SHOULDER STRAP WITH ZIPPER. SIZE: 12x7x4; WT: 10 LBS. USED \$29.50



MULTIPEX

PHILCO CST-2 SIGNALING AND TERMINATION UNIT. FOR USE IN MULTIPLEX SYSTEMS FOR TRANSMISSION OF DIAL OR RINGDOWN SIGNALING AND TERMINATES A FOUR WIRE CIRCUIT OF THE MULTIPLEX INTO A TWO WIRE TELEPHONE CIRCUIT. A 3.5 KC TONE IS USED FOR SIGNALING. ALSO HAS CONTROLS FOR PROPER ATTENUATION OF VOICE LEVEL. OPERATES FROM 115 V. 60 CYC. AND IS COMPLETE WITH 2/12AU7 TUBES, RELAYS. RACK MTG. 19x4x12; WT: 25 LBS. PRICE: UNUSED \$12.95



TG-34 KEYS: CODE PRACTICE SET USED TO REPRODUCE SIGN ALS PREVIOUSLY RECORDED ON INKED PAPER TAPE, VARIABLE SPEED MOTOR, KEYING OSCILLATOR WITH SPEAKER, PHONE & KEY JACKS. POWER REQUIRED 115 V. 50/60 CYCLE. SUPPLIED WITH ONE EMPTY REEL. (PHOTO SHOWS REEL OF TAPE AS ILLUSTRATION ONLY.) COMES IN WOOD PORTABLE CARRING CASE, SIZE 15x10x10; WT: 40 LBS.

Used \$24.95; CHECKED \$34.95

CODE PRACTICE TAPES: MADE ESPECIALLY FOR THE TG-34 KEYS, SAME GROUPINGS AND SPEEDS AS USED BY THE GOV'T. NOT MOUNTED ON METAL REELS. FIFTEEN (15) TAPES TO SET. \$2 EA TAPE

#1 TO 4 COVER DIFFERENT GROUPS WIDE SPACE LETTERS	#9 12WPM CODED/GR
#5 WIDE SPACE NUMBERS & LETTERS	#10 12WPM FACT/MESS
#6 5WPM NUMBERS & LETTERS	#11 12 " " "
#7 7WPM " " "	#12 15 " " "
#8 10 " CODED GROUPS OF 5	#13 15 " " "
	#14 20 " " "
	#15 20 " " "



RD-60/U CODE RECORDER OF RADIO TELEGRAPH CODE SIGNALS. USES 3/8" WIDE, 800 FOOT ROLLS OF PAPER TAPE. RECORDS CODE SPEEDS UP TO 1000 WORDS PER MINUTE WITH A RECORDING TIME OF 26 MINUTES (LOW) OR 13 MINUTES (HIGH). INPUT SIGNAL FREQ. 500 TO 5000 HZ. INPUT IMPEDANCE 500 AND 5000 OHMS. OUTPUT IMPED. 6 OHMS. INCLUDED IS ONE PINT OF INK, 2 PENS, CLEANING MATERIALS, ADJUSTING TOOLS AND MANUAL. WITH TUBES 2/0D3, 0A2, 5V4, 6H6, 6L6, 6X4, 6SJ7, 6SK7. POWER REQUIRED: 115/230 VAC 50-60 HZ. SIZE: 19x16x12 1/2; WT: 150 LBS. IN WOOD CRATE. PRICE: UNUSED \$29.95



C-434/GRC CONTROL BOX USED WITH GRC-TYPE EQUIPMENT OVER TWO-WIRE TELEPHONE LINE. HANDCRANK MAGNETO GENERATOR FUNCTIONS AS A SINGLE PHASE 20 HZ RINGER. AUDIO CONNECTOR ON FRONT FOR USE WITH H-33/PT HANDSET. CONTROLS FOR LOCAL AND REMOTE USE. CALL LIGHT AND ALSO TWO 30" CORDS WITH UG-77 CONNECTORS IN THE REAR COMPARTMENT. INTERNAL SWITCH FOR BELL OR LAMP SIGNAL. WITH TWO SIGMA 80030 AND ONE GAC 21031 OCTAL RELAYS. (SEE PAGES 22 & 23 FOR SPECS.). UNIT USES TWO FLASHLIGHT BATTERIES. 10x8x3 1/2; WT: 12LB PRICE: USED \$10.95 LESS RELAYS \$6.95



AUTOMATIC ELECTRIC RELAY ASSEMBLY; 12 A/E TYPE RT-379-A1 RELAYS, 48VDC .1 AMP OPERATING. 1D CONTACT ARRANG. #D-857697 AUTOMATIC LINE FINDER, RACK MOUNTING SIZE: 13 1/2x4 1/2x6 1/2; 12 LBS. PRICE: W/COVER N\$12.95



SWITCHBOARD PANEL ASSEMBLY 10 RED, 10 GREEN LAMPHOLDERE W/DIMMER, LEVER SWITCHES MOMENTARY SIDE BREAK ONE, & BREAK & MAKE, CENTER-OFF, OTHER SIDE MAKE 4, 320 SERIES LAMPS NOT INCLUDE SIZE: 11x4 1/2x4; 8LBS. Assy#770938861 \$24.95 GRAIN/WHEAT LAMP 327 24 V. 59¢ EA. 2 FOR \$1

STROWGER LINE FINDER AND RELAY UNIT, USED IN CENTRAL OFFICE DIAL TELEPHONE EXCHANGE. THIS THE HEART OF THE SYSTEM AND IT HAS THE TWO BANKS OF CONTACTS AND WIPER CONTACT ARMS SHPG. WT: 15 LBS. #D580070/4D RE-MOVED \$15



STROWGER LINE FINDER AND RELAYS (8) WITH 2 BANKS OF CONTACTS AND WIPER CONTACT ARMS. SHPG. WT: 20 LBS. D240593 REMOVED \$17

REPEATER DIAL PULSE; TWO WAY OPERATION 8 TO 12 PULSES PER SEC. 2800 OHMS MAX. LOOP RES. SHPG. WT: 10 LBS. #D857917 REMOVED \$9.95

REPEATER #D857917-A, REMOVED, \$9.95

MODEL 14 TELETYPE TRANSMITTER--DISTRIBUTOR SINGLE CHANNEL, GOVERNOR CONTROLLED MOTOR 1/25 HP 2100 RPM, TAPE DISC NO. 77070, 60 WPM, POWER REQ. 115 V. 60 CYCLE. SIZE: 15 1/2x8 1/2x9; WT: 35 LBS. PRICE: USED \$19.95



TAPE, TELETYPEWRITER TELETYPE PERFORATOR TAPE, 11/16" WIDE 900 FT. OILED ROLLS. \$.60 PER ROLL; 10 ROLLS \$5.00



TELEPHONE BOX

EE-91 TELEPHONE BOX WITH PLUG-IN HANDSET. HAS CRANK GENERATOR FOR RINGING MAGNETO LINES; 3000 OHM LINE RESISTANCE TALKING CIRCUIT HAS 30 DB NET LOSS. DESIGNED FOR WALL MOUNT WITH MTG. FLANGES PROVIDED. REQUIRES 3 VDC FOR OPERATION. SIZE: 6x7 1/2x5 WT: 16 LBS. NEW \$19.95

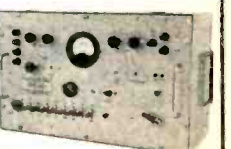
OPERATOR'S CIRCUIT

TA-277/GTA-6 OPERATOR'S TELEPHONE CIRCUIT FOR UP TO TEN LINES. EACH LINE HAS SWITCH WITH "TALK" AND "RING" POSITION. ALSO WHITE AND RED INDICATOR LIGHTS FOR EACH LINE. TWO INPUT JACKS. SIZE: 7x8x12 WT: 15 LBS. PRICE: RECONDITIONED, \$14.95



TELEPHONE TEST SET

I-142/PTM-6 TELEPHONE TEST SET, DESIGNED TO MEASURE ELECTRICAL CHARACTERISTICS OF PHONE AND MIC. CIRCUITS BY PROVIDING SOUND SOURCE AND MEASURING CIRCUIT TO MAKE THE TESTS FOR CAPACITOR LEAKAGE, RESISTANCE, GENERATOR, RINGING, INSULATION, DIAL PULSE PERIOD, CONTINUITY, A 600 OHM CIR. FOR BATT. & SOUND POWERED PHONES, 24 V. 361 OHM DC RES. 320 OHM AC CIR. FOR COMMON BATT. 3 V. 4 OHM DC RES. IMP. MATCHING CIR. OF 30, 60, 75, 150 & 300 OHMS FOR CARBON MICS AND 128, 256, 512, 1024, 5K & 10K OHMS FOR REC. & MAG. MICS. METER SCALE -10 TO -6 DB & 0-100 VDC. POWER REQ. 3, 12, 24 OR 135 VDC. SIZE: 19x12x9; WT: 50 LBS. PRICES: USED \$49.50 GOV' RECOND. \$60.00



Headsets — Telephone Equipment — Microphones — Handsets



HEADSETS

HS-33 (MODIFIED) GREY HEADBAND, 4 1/2 FT. CORD W/STD. PHONE PLUG, 600 OHM (CANADIAN) ANBHI EARPHONES & CHAMOIS CUSHIONS, UNUSED \$13

HS-23 SAME AS ABOVE W/2000OHM EARPHONES, USA UNUSED \$9.95



HEADSET & BOOM MICROPHONE: SINGLE PHONE ELE., 300 OHM, MIC. M-87 100 OHM, 10' CORD UG-161 PLUG, USED #10387/M-87 \$9.95

H-380 HEADSET & BOOM MIC. 2 PHONE ELE. 300 OHM, 100 OHM MIC. 10' CORD UG-77 PL. U. \$12



HS-230 HEADSET W/PL-54 PLUG ON 13" CORD, VELOUR TYPE CUSHIONS, 250 OHM ELEMENTS AS USED ON HS-30 HEADSET, HEADBAND, NEW, ELEMENTS USED, COMPLETE W/ ELEMENTS \$6.95 HEADBAND AND CUSHIONS ONLY \$4 SEE BELOW CD-307 EXTENSION CORD.



H-113/U HEADSET 600 OHM SOFT PLASTIC EAR CUSHIONS 18" CORD W/ PL-54 PLUG THAT FITS JK-26 JACK (SEE CD-307 EXTENSION CORD ELSEWHERE ON THIS PAGE) WT: 3LBS. USED-EX \$3.95

H-62 HEADSET SAME AS H-113/U ONLY IN BLACK AND HAS PROVISIONS FOR SNAPPING ON LIP MICROPHONE CW-51071 LISTED BELOW. USED-EX. \$3.95

CW-51071 LIP MICROPHONE 100 OHMS IMPEDANCE W/ 2 SNAPS FOR FASTENING TO H-62 HEADSET, 14" CORD W/ PL-291 PLUG INTO EXTENSION CORD CD-318 LISTED ON THIS PAGE OR CW-49561 EXTENSION CORD LISTED BELOW USED \$1.00

JK-38 PHONE JACK FOR INLINE USE, TAKES TWO PL-55 PHONE PLUGS \$1

PUSH BUTTON SWITCHES FOR HANDSETS THAT USE BUTTERFLY TYPES. DIRECT REPLACEMENT. #5930-327-7308 \$1.25



H-63/U HEADSET 600 OHM BOOM MIC 100 OHM 14" CORD WITH PLUGS. \$4.95 USED MIC. OR PHONE ELEMENTS ONLY, \$1 EA.

T-24-S MICROPHONE HAND HELD BRASS CARBON MIC. W/50 OHM ELEMENT, PUSH TO TALK SWITCH, 5 1/2 FT. STRAIGHT CORD W/PL-68 PLUG. WT: 1 LB. PRICE: UNUSED \$3.95

CO-78 HEADSET "Y" CORD 7' LG. RUBBER COVER NO PLUGS, TERM. \$1.50

PL-204 PLUG: SINGLE HOLDER PL-68 & PL-55 SIDE BY SIDE. \$2.00

DOUBLE PLUG D178452 F/HEADSET SIMILAR 289 298. #3850 NEW \$1.50

SWITCHBOARD CORD 4 1/2' W/PL-47 #80-96 \$1.00



TELEX HEADSET \$3.95 USED D.C. OHMS 1250 GRAY PLASTIC BAND OVER METAL FRAME, RUBBER CUSHIONS, NO PLUG ON CORD. ELEMENTS ONLY FOR 1250 OHM 50¢



HS-30 HEADSET 250 OHM IMPEDANCE HEARING AID TYPE LIGHT WEIGHT HEADBAND 7 FOOT CORD WITH PL-55 PLUG (CD-605). USED \$2.75 EA.



H-33/PT HANDSET PHONE 300 OHM, MIC 40 OHM W/CORD UG-77 PLUG & PUSH TO TALK SWITCH. USED \$5.95



H-33/PT HANDSET PHONE 300 OHM, MIC 40 OHM W/CORD UG-77 PLUG & PUSH TO TALK SWITCH. USED \$5.95

HS-16 HEADSET, IMPEDANCE 520 OHMS @ 800 CYC, 6 FT COTTON COVERED "Y" CORD WITH METAL TIPS. NEW \$3.95

TS-9 HANDSET WITH PUSH TO TALK SWITCH (NOT BUTTERFLY) WITH 3 COND. CORD 4' AND TERMINAL LUGS. NEW COND. \$4.95

TS-11 HANDSET; 4 COND-CORD, 5 1/2', CARBON MIC 50 OHM, PHONE 3500 OHM, W/PL-106 PLUG. NEW \$4.95

RS-83 100 OHM CARBON MICROPHONE W/PHONE W/DETACHABLE CORD 4 1/2' & SW. \$1.95 UN-USED

SOUND POWERED HANDSET WITH COILED CORD 1-4' BROOK-TEL BTU-1 RUBBER COVERED AS ILLUSTRATED \$1.50 USTRA \$2.00 UNUSED \$7.95

H-22/U HANDSET 50 OHM CARBON MIC. 3500 OHM PHONE, "Y" CORD PL-68 & PL-55 SPRING COILED CORD 5' 10" PUSH T/S SW. UNUSED \$7.95

WALL TELEPHONE, STRAIGHT LINE RINGER 20 CYCLE. SIZE: 5x10x3 1/2 LBS. WE #5M USED \$8

J-37 TELEGRAPH KEY; MOUNTED ON BRASS PLATE & LEG STRAP, BRASS CONTACTS. #J-116/U J-45 USED \$4.50 W/PL-55 & CORD \$5.50 UG-77 \$6.00

TELEPHONE HANDSET HOLDER & SWITCH HANDSET IN PLACE 1 CONTACT MADE, HANDSET OFF, 3 CONTACTS ARE MADE. W/MTG. BRACKET. #805-2029 NEW \$8.95

H-60 HANDSET: 150 OHM REC. 25-45 OHM MIC. PUSH SW. 7 COND. 5' COIL-CORD, IMPACT PLASTIC, WEA-PROF U \$5.95

M-29 MICROPHONE; 40-100 OHM, PUSH SW. 6' CORD W/UG-77 PLUG, U \$3.95 M-52 SAME AS M-29 W/PL-68 U \$3.95

TELEPHONE BELLS USE AS EXTENSION IN SHOP ETC. 2 LB. 4x4x1 1/2 4P3661A \$1.50

DYNAMIC HEADPHONES 50 OHMS IMP. MOVING COIL TYPE, HIGH QUALITY REPRODUCTION, CHAMOIS CUSHIONS AND "Y" CORD WITH PHONE PLUG. #ZA/CAN1638 UNUSED \$4.95

T-17 MICROPHONE CARBON 35 TO 90 OHMS WITH PUSH TO TALK SWITCH WITH PL-68 PLUG THREE CIRCUIT. WT: 1LB PRICES. \$6.95 RE-CONDITIONED \$8.50



H-108/U HANDSET HEADSET, PHONE 300 OHM, MIC 40, W/3 PIN PLUG 1348 ON 30" CORD USED \$9.95

T-30 THROAT MIC. Elements only \$1.50 a dozen

M-86/U MAGNETIC MICROPHONE: 50 OHM IMPED. PUSH SW. LEVEL CONTROL 7' CORD. UNUSED \$4.95

T-45 MICROPHONE CARBON TYPE 100OHM 50DB BELOW 1 MILL-VOLT, FLAT RESPONDS WITH PL-291 2 CONT MALE PLUG, 11" CORD NEW \$2.00

CD-307 CORD EXTENSION FOR CORDS WITH PL-54 PLUG AS USED ON HEADSETS, 65" LG WITH JK-26 JACK & PL-55 PLUG. USED \$1.00

T-30 MICROPHONE CARBON TYPE, 75 OHM 50DB BELOW 1 MILL-VOLT, FLAT RESPONDS WITH PL-291 2 CONT MALE PLUG, 11" CORD PRICE: USED 3/\$1 UNUSED \$1.50

CD-318 EXTENSION CORD WITH PL-291 2 CONTACT FEMALE PLUG TO FIT T-45 & T-30 MICS. SW-141 & PL-68 MIC PLUG ON 7 FT. CORD USED \$1.00

CD-604 CORD WITH IMPEDANCE MATCHING TRANSFORMER 500OHM TO 4000, USED WITH HS-30 HEADSET, 6" CORD & PL-54 PLUG. NEW 50¢ USED 25¢

PL-55 RECEPTACLE WITH PL-55 PLUG ON END 3 FT. CORD #R16-G3/820 NEW \$1.00

PL-68 MIC PLUG 30" CORD 75¢

CD-605 CORD SAME AS CD-604 ONLY 30" LG. WITH PL-55 PLG USED \$1.00

WE ECI-50 RINGER W/SOUND ADJUSTMENT 20 CYC, IVORY ONLY 3x5x1 1/2. NEW \$10

JK-33 JACK TO FIT PL-68 MIC. PLUG. USED 5 FOR \$1.00

PL-55 PHONE PLUG 30" CORD 75¢

HB-1 \$1.00 HEADBAND FOR 1 1/2" ELEMENTS WITH 8000 OHM ELEMENTS & CORD \$2.95

COILED CORD SET

JK-34 PHONE JACK TO FIT PL-55 PLUG USED 5 FOR \$1.00

STANDARD TYPE TELEPHONE HANDSET AND CORD. USED. \$2.50 NEW \$4.50

COILED CORD SETS
THREE CONDUCTOR 24" TO 72" 75¢
12" TO 36" 50¢
FOUR CONDUCTOR 12" TO 36" \$1.00
ONE CONDUCTOR #18 6 FT. - 18 FT. \$1.00

MC-385 HIGH TO LOW ADAPTER IMPEDANCE FOR HEADSET 4000-6000OHM USED \$.50 NEW \$.75

STANDARD TYPE TELEPHONE DIAL USED \$1.50

A-202 TELEGRAPH KEY ONLY, WITH ADJUSTABLE CONTACTS. SIZE: 4 1/2 x 1 1/2 x 1 1/2; PRICE: \$1.25 EA THIS IS THE KEY USED TO MAKE THE TWIN PADDLE KEY DESCRIBED IN CST ARTICLE OF FEB. 1973. THREE A-202 KEYS ARE REQUIRED, PLUS 3 BINDING POSTS AND BASE. ALSO SMALL HARDWARE & FINDINGS

TWIN PADDLE KEY MADE FROM A-202 BY R.N. MASON W8NN 551 TURNER IIMA, OH 45804

STANDARD TELEPHONE EQUIP.

CALL COMMANDER SWITCHBOARD NE-860 AS RE-MOVED FROM SERVICE. 12 LINES \$40.00 18 " \$50.00 5 LINE KEY BAR ONLY \$ 8.00

PRINCESS TELEPHONE, BEIGE OR WHITE, NO RINGERS, AS REMOVED FROM SERVICE \$14

DESK SET (AE) WITH DIAL, 6 BUTTON 5 LINE 1 HOLD, WITH CORD, CABLE & PLUG, AS RE-MOVED FROM SERVICE \$15

DESK SET (SC) WITH DIAL, SIMILAR TO AE. SC#1543 RE-MOVED F/SERVICE \$9

AMPLIFIED HANDSET WITH VOLUME CONTROL J11 \$12

WE F-1A 20 CYCLE CHIME RINGER RE-MOVE. SER \$6

STANDARD TYPE TELEPHONE BUTTONS U-1 OR T-1 \$1

DESK SET AE 85D WITH DIAL 2 LINE W/ CABLE, AS REMOVED FROM SERVICE, NO COLOR CHOICE IF AVAILABLE, WILL SEND \$13

TELEPHONE 5 LINE HOLD KEY BOX AE 7030, CAN BE USED WITH REGULAR TELEPHONE OR ANY OTHER SWITCHING REQUIREMENT, W/ AMP. CONN 57-10500-7. S. 5x5x2 1/2; 3LBS. U \$5.

WE LOUD BELLS #592; STRAIGHT LINE RINGER REMOVED FROM SERVICE. 2/3" GONGS \$10

HANDSET HOLDER FOR HORIZONTAL MOUNTING, SIZE 1 1/2 x 3 1/2 #6988 \$.50

TELEPHONE SWITCH KEY IN METAL BOX FOR MTG. LEVER TYPE SWITCH. MC-88003 FOR 2 OR 3 LINE. (SPECIFY) \$3.95

TRAILER LIGHTS BALANCING LOAD ASSY. USED FOR TAIL AND STOP LIGHTS. CONTAINS RESISTORS 1.1 40 WATT, 1.5 40 WATT, .6 & .8 OHM 70WATT SIZE 7x2x4; 3 LBS. MOPAR#B7015812 \$1.50



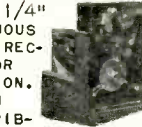

TELEMETER PROGRAM SELECTOR USED FOR PAY TELEVISION. CHOICE OF 3 PROGRAMS, PRE-RECORDED TAPE GIVES PROGRAM INFO. & AMOUNT OF MONEY THAT IS TO BE PUT IN REGISTER FOR EA. PROGRAM, AS SHOWN ON THE COIN REGISTER. A 8 MC. SIGNAL IS USED TO TRIGGER THE MECHANISM AND WE ASSUMED A 35 MC SIGNAL CARRIES THE VIDEO AND VOICE (ITEMS LISTED BELOW ARE PART OF THIS UNIT AND CAN BE PURCHASED SEPARATELY.) SIZE: 15x7x7; WT: 25 LBS. COMPLETE UNIT #1001/5 \$9.95

HIGH IMPACT PLASTIC CABINET ONLY #TELE-CAB.1001 \$3.00

COIN REGISTER MECHANISM CONTAINS TWO ACTUATING PLATE TYPE SEL ENOIDS 300 AND 1200 OHMS. CRAMER 115V60 CYCLE, 5 RPM SYNCHRONOUS MOTOR, OPEN FRAME 115 V. 60 CYC. GEARED MOTOR, WITH GEARED MECHANISM AS USED IN COIN OPERATED TV PROGRAM SELECTOR SYSTEM. ALSO GEARS, LITES COIN NUMBERING RECORDING DIALS ETC. SIZE: 7x5x6; WT: 8 LBS. TELE-REG.#1004 RE-MOVE \$5



TAPE MAGAZINE 1/4" 66 FT. CONTINUOUS LOOP TYPE. HAS RECORDING HEAD, FOR 20 RPM OPERATION. USED WITH COIN REGISTER DESCRIBED ABOVE. (NOT MOTORIZED) SIZE: 4x6x3; WT: 2 LBS. TEL-TAPE#1003 RE-MOVE \$3.00



TELEMETER CHASSIS; WITH 4" APEAKER, 2 PLATE RELAYS, R.F. COILS FOR 8 MC. 115 V. 60 CY POWER SUPPLY, OUTPUT 150VDC 100MA & 6.3V3A. 8135 CRYST. W/TUBES 3/6U8, 6BE6, 6BA8 & 12BH7 IEA. SIZE: 10x6x6; 10LB TELE-CHASSIS#1002 RE-MOVE\$7

BRUSH SETS

BD-77 PE-73 DY-17 \$3.00 PER SET




DM-21 DM-25 DM-28 DM-32 DM-33 DM-34 DM-35 DM-36 DM-37 DM-40 DM-41 DM-42 DM-43 DM-45 DM-53 DM-64 BD-83 BD-93 BD-69

PE-86 DA-12 DA-14 DA-1F DY-21 DY-22 SP-125

OTHER TYPES ALSO AVAILABLE SET OF FOUR BRUSHES \$1.00

TIME-O-MATIC SIGN-CONTROL MODEL 53 K-156 115 VOLT 60 CYC. TWO CONTACTS 15 AMPERES EACH, ONE CONTACT MAKES & BREAKS EACH SEC. THEN MAKES FOR 7 SEC. OTHER CONTACT MAKES FOR 11 SECONDS THEN BREAKS FOR 3 SECONDS JUST AFTER FIRST CONTACT FINISHES MAKING & BREAKING SIZE: 2x4x6; 3 LB. \$2.95




TIME-O-MATIC SIGN CONTROL MODEL 53 K-155 115 VOLT 60 CYCLE, THREE CONTACTS 15 AMPERES EACH, TWO (2) CONTACTS ALTERNATE MAKE AND BREAK ONCE PER SECOND FOR 15 SECONDS. OTHER CONTACT BREAKS FOR 20 SEC. WHILE THE OTHER 2 ARE ALTERNATING THEN ALL 3 MAKE AT THE SAME TIME. THEN CYCLE REPEATS AGAIN. SIZE: 3x5x6; 3 1/2 LBS. \$4.95

KEY SELECTOR CONSISTS OF MANUAL CLOCK MECHANISM FOR SENDING 17 IMPULSES, CAN BE SET TO CALL ANYONE AT 78 STATIONS, SPST LEVER SWITCH 2x2x4 1/2; 4C5100.60A \$2.95



SYNCHRON CLOCK MECHANISM, No.610 110 V. 60 CYCLE 3 WATT 1 RPM #EC-129RB, WITH GEAR ASSY, NO RESET OR COVER. 2x2x2 1/2; 4oz. \$1.35




HANSEN SYNCHRON CLOCK MOTOR 110 VOLT 60 CYCLE ONE R.P.M. MODEL 600 \$1.50


HANSEN SYNCHRON CLOCK MOTOR 110 VOLT 60 CYCLE 10 R.P.H. MODIFIED WITH SLEEVE OVER SHAFT TO 24 R.P.H. #A12-RC-12-62 \$1.50

CRAMER TIMER SWITCH ASSY. MODEL TC-60SEC, 230 V 60 CYC, SWITCH 5 AMP. CONT. 3.8 W. 4/5 RPM MOTOR. \$1.95

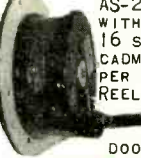
TIMER 115 VOLT 60 CYCLE 1 RPM WITH 15 AMP. 115 VOLT 60 CY MICROSWITCH. ACTUATING WHEEL CAN BE NOTCHED FOR SHORTER PERIOD OF CONTACT. SIZE: 3x2x2; WT: 3 OZ. HAGAN#04465 RE-MOVED \$2.95




TIMER SPRING WOUND 360 DEGREES ONE HOUR, CAN BE TURNED ANY DEGREE & BELL WILL RING WHEN SPRING IS UN WOUND. SLOTTED & FLATENED SHAFT FOR KNOB. LUX#230 SIZE: 2x1 1/2; WT. 4 OZ. \$1.00




AS-207/CRT-3 ASSY WITH 300 FOOT OF 16 STRAND BRAIDED CADMIUM ALLOY COPPER WIRE ON RL-48 REEL WITH CRANK MOUNTED TO ALUMINUM DOOR WITH ADJUSTABLE BRAKE AND SNAP SWIVEL USED AS ANTENNA FOR GIBSON GIRL TRANSMITTERS, WIRE IS ATTACHED TO BALOON OR KITE WHICH IS NOT SUPPLIED. SIZE: 4x2; 2 LBS. \$5.95




ME-57 AIRCRAFT TRAILING ANTENNA WIRE WITH WEIGHT & CANVAS BAG W-106A COPPERWELD WIRE #18 250 FT. ON M--235 BOBBIN USED WITH RL-42 REEL \$4.95 WT-7A WEIGHT (4 1/2x2 1/2) ON 12 LEADER, 3 LBS. .WT. \$3.95 BOTH ITEMS IN CANVAS BAG, USED W/RL-42 REEL \$8.50




ALPHA-NUMERIC NIXIE TUBE 16 SEGMENT NIXIE CREATES ALPHABET AND NUMBERS 0-9 IN A SINGLE TUBE CHARACTERS ARE 2 1/2" TALL AND MAKE UNUSUAL DISPLAY EFFECTS, 170 VOLT REQUIRED. W/INSTRUCTION CHART. TUBE SIZE 2x4 1/2; \$7.97 PRICE: \$2.95 EA. 2/\$5.00 SOCKETS 75¢ EA. 2/\$1.25 SOCKETS NOT SOLD SEPARATELY CHARTS ONLY 50¢ EA.




VERNIER SET ATC TIMER WITH 15 MIN. TIMING PERIOD. SYNCHRONOUS MOTOR OPERATES FROM 230V 60 CYC AND HAS SPDT CONTACTS FOR CONTROL OF INDUSTRIAL EQUIPMENT. SIZE 6 1/2x5 1/2x3 1/2 WT. 5 LBS. PRICE \$9.95 NEW




IMMERSION HEATER 24 VOLT AC/DC 50 W. WATTS 2 GALLON, 3" PRESS CAP, 4 1/2" SCREW CONE, 12" HEATING ROD & 5 FT. CORD. WT: 4 LBS. #LFCEA8801 \$2.95




LONG DURATION TIMER WITH 115V RESET RELAY. 115V 60 HZ 1/16 RPH MOTOR. CAM ACTUATES SPDT MICRO SWITCH. 3 1/2x2 1/2. UNUSED \$2.95



ILLUMINATED CLOCK MECHANISM AS USED ON CLOCK RADIOS. CLEAR PLASTIC FRONT TO TRANSMIT LIGHT, NO HANDS. HAS 60 MIN TIMER ALSO HAS ON-OFF-AUTO ALARM 2"sq FACE. 115V 60 HZ. SH WT 2 LB. UNUSED \$1.50



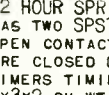
HAGEN THREE MINUTE TIMER WITH SPRING RESET. SPDT MICRO SWITCH 15A 125/250V AC. REMOVED \$2.95



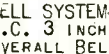
ELECTRIC TIMER ONE HOUR, OPENS AT END OF PERIOD 115 V. 60 CYCLE CONTACT 230 V 25 A. ROBERTSHAW 700-2141 \$1.95



12 HOUR SPRING TIMER HAS TWO SPST NORMALLY OPEN CONTACTS. THESE ARE CLOSED DURING THE TIMERS TIMING PERIOD. 3x3x2 SH WT 2LB \$1.95



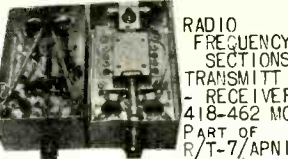
BELL SYSTEM BELL 6 VOLTS D.C. 3 INCH GONG, 2 1/2 x 5 1/2" OVERALL BELL#7-C \$2.95



ALLIGATOR CLIP WITH PINCH SPIKE JAWS AND SCREW HOLDER FOR WIRE, 2" LONG. 12 FOR \$1.00

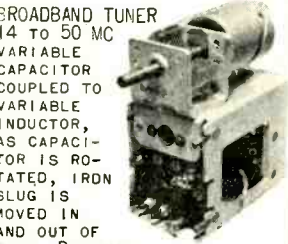


RADIO FREQUENCY SECTIONS TRANSMITTER - RECEIVER 418-462 MC PART OF RT-7/APN1 TRANSMITTER SECTION OSCILLATOR CAN BE ADJUSTED BETWEEN 425-440 MC. WITH TWO 055 TUBES (NO WOBULATOR). HOUSED IN ALUMINUM CAN 2 1/2x3 x6"; 2 LBS. RE-MOVED FROM EQUIPMENT.

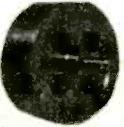


RECEIVER SECTION, BALANCED. DETECTOR WITH 2-9004 TUBES. HOUSED IN ALUMINUM CAN 2 1/2x3 x6"; WT: 2 LBS. RE-MOVED FROM EQUIPMENT RT-7/APN-1 RECEIVER OR TRANSMITTER SUB-ASSEMBLY PRICE: WITH TUBES...\$1.50 LESS ".75

BROADBAND TUNER 14 TO 50 MC VARIABLE CAPACITOR COUPLED TO VARIABLE INDUCTOR, AS CAPACITOR IS ROTATED, IRDN SLUG IS MOVED IN AND OUT OF COIL. BALANCE OF ASSY. CONSISTS OF CERAMIC OCTAL SOCKET, RESISTORS AND CONDENSORS TO MAKE RF TUNER. SIZE: 3x2x3; WT: 1LB. RT-45 TUNER ONLY \$1.95



VARI-GON PHASE SHIFT CAPACITOR V-42. USED FOR ACCURATE MEASUREMENT OF TIME INTERVALS IN RADAR SYSTEMS. CAPACITY OF INPUT PLATE TO HOUSING 4.4 MMF. OUTPUT PLATE 15.6 MMF. CAP. VAR. OF INPUT TO OUTPUT PLATE 1.2 TO 4.9 MMF. SIZE: 2 1/2x1; 1 LB. \$2.95




CAPACITY TUNER WITH AUTOTUNE 160 TO 211 MC WITH COND. RESISTORS 2/50-239 1/2C26 TUBE: 7 1/2x5 1/2x5 7 LBS. WITH TUBE \$2.95




RT-58/ARC-12 CHANNEL SELECTOR AND MOTOR ASSY. 10 POSITION AUTOTUNE MOTOR DRIVEN 26.5 VDC WITH 2 SHAFTS 60 RPM ALSO RELAYS. 4x6x3 1/2; 5 LB. #596C-1 \$2.95



BUZZER 24/28 VOLTS D.C. IN SEALED CAN. TWO HOLE MGT. SIZE: 3x2x1 1/2; WT: 1 LB. #MH-12079 \$.75




RATE-GYRO No.8511364 28 VOLTS D.C. GYRO MOTOR WITH POTENTIOMETER. WESTERN ELECTRIC GA-10147-3 SIZE: 2 1/2x2 1/2x4; WT: 3LB. \$4.95

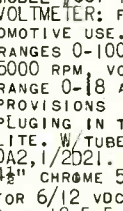


AUTOMOTIVE THE AUTOMOTIVE TEST EQUIPMENT LISTED BELOW IS FROM THE HEYER INDUSTRIES DYNAMOVISION AND MOTOR TUNE-UP SERVICE LINE MADE FOR SERVICE STATION USE AND EVEN THOUGH IT IS OF OLD DESIGN IT MAY BE STILL BE USED FOR WHAT IT WAS INTENDED BUT WE DO NOT MAKE ANY GUARANTEE


COIL & CONDENSER TESTER W/OHMMEETER FOR AUTOMOTIVE USE VIBRATOR SUPPLIES THE NORMAL CURRENT TO THE COIL AT PROPER DWELL. CAPACITORS ARE CHECKED FOR CAPACITY, LEAKAGE, RESISTANCE ET ASIDE FROM THESE METER ALSO HAS A 100,000 OHMMETER SCALE. METER IS 4 1/2" SATIN/CHROME 500 MUA 2% ACCURACY. VOLTAGE REG. 6/12 VDC #332 W/TUBES 1/12AU7, 1/0A2, 1/6X4 SIZE: 14x5x6; 10LBS \$14.95 U



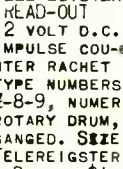
MODEL #337 TACH & VOLTMETER: FOR AUTOMOTIVE USE. TACH RANGES 0-1000 & 0-5000 RPM, VOLT DC RANGE 0-18 ALSO PROVISIONS FOR PLUGGING IN TIMING LITE. W/TUBES 1/0A2, 1/2021. METER 4 1/2" CHROME 500 MUA FOR 6/12 VDC OPER. SIZE: 13x5x5; 8 LBS. \$14.95 U



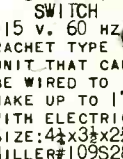
DUAL TESTER; R.P.M. 0-1000 & 0-5000 SC. VOLTS SCALE 0-18 VDC LOWER METER IS FOR TESTING SPARK ADVANCE. ALSO JUP FOR TRANSDUCER ADAPTER. USES TUBES 1EA. 2021 6AL5, 6AU6, 5696 AND No.336 2/0A2. TWO 4 1/2" METER 500 MUA CHROME. COND. USED SIZE: 13x5x5; WT: 13 LBS. LESS TUBES \$9.95 W/TUBES \$15



TELEREGISTER READ-OUT 12 VOLT D.C. IMPULSE COUNTER RACHET TYPE NUMBERS 0-1-2-3-4-5-6-8-8-9, NUMERAL 1" HIGH ON ROTARY DRUM, UNITS MAY BE GANGED. SIZE: 3 1/2x1 1/2x1 1/2 LE TELEREGISTER K-1 PRICE: \$1 EA. 6 FOR \$5




STEPPING SWITCH 115 V. 60 HZ RACHET TYPE UNIT THAT CAN BE WIRED TO MAKE UP TO 17 CONTACTS WITH ELECTRIC RESET. SIZE: 4 1/2x3 1/2x2 1/2; WT: 1 1/2 LB. MILLER#109S288 \$3.95



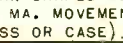
725-A MAGNETRON MAGNET. AIR GAP 1/2". 5200 GAUSS 7"hx2 3/4x6". SH WT 11LB. D169974 OR EQUAL \$20.00



TACH. RPM. 100's METER 0-70 SCALE, 1 MA. MOVEMENT SIZE 4 1/2x4 (NO CASES OR GLASS) #6412705 \$2.50



FAN SHAPED METER 0-70 SCALE 1 MA. MOVEMENT 3 1/2". (NO GLASS OR CASE). #186 \$1.50



MODULAR POWER SUPPLIES



LAMBDA MODULAR POWER SUPPLIES, RUGGED SOLID-STATE. REGULATED 0.03%. REMOVED FROM EQUIPMENT BUT IN EXCELLENT CONDITION. RATINGS ARE BASED ON A 60 HZ VAC INPUT; OUTPUT V-5% AND AMPS @ 40° CENTIGRADE.

MODEL	INPUT	OUTPUT	PRICE
LMB-5	105-132	5V	3.7A \$40.00
LMB-20	105-132	20V	2.7A 35.00
LMCC-5	105-132	5V	10.5A 50.00
LMCC-5V	205-250	5V	10.5A 50.00
LMCC-20	105-132	20V	5.0A 50.00
LMCC-20V	205-265	20V	5.0A 40.00
LMD-20	105-132	20V	7.4A 60.00
LMD-20V	205-265	20V	7.4A 60.00
LME-5	105-132	5V	20A 70.00

PACKAGE SIZE: (B) TYPE; 3 1/2 x 5 x 6 1/2; (CC): 5 x 5 x 9 1/2; (D): 5 x 7 1/2 x 9 1/2; (E): 5 x 7 1/2 x 11 1/2.

LRA-3 MOUNTING RACKS FOR THE ABOVE WILL HOLD THE FOLLOWING COMBINATIONS: 4 EA (A,B,OR C) 2 EA (D OR E); 2 EA (A,B,OR C) PLUS 1 EA (D OR E); 3 EA (CC). SIZE: 5 1/2 x 19 x 2 1/2. PRICE: UNUSED, \$15.95

LRA-6 RACK, HOLDS SAME COMBINATIONS AS LRA-3 BUT OFFERS BETTER SUPPORT. SIZE: 5 1/2 x 19 x 1 1/4. PRICE: UNUSED, \$24.95

OVER-VOLTAGE PROTECTORS FOR USE WITH THE ABOVE LAMBDA POWER SUPPLIES:

LM-OV-1	3-8 VDC	UNUSED-BOXED	\$10.00
LM-OV-2	6-20 VDC	UNUSED-BOXED	\$10.00
LM-OV-3	18-70 VDC	UNUSED-BOXED	\$10.00

LAMBDA HIGH CURRENT POWER SUPPLIES, LTD.

MODEL	INPUT	OUTPUT	QTY	PRICE
LMF-5	3 1/2 x 19 x 16 1/2	105-132v. 5V	48A	\$150
LMF-A-5	"	105-132v. 5V	31.5A	150
LMF-5-0V-V	"	205-265v. 5V	48A	150
LMF-20	"	105-132v. 20V	23A	150
LMF-A-20	"	105-132v. 20V	16A	125
LMF-20-V	"	205-265v. 20V	23A	150

OTHER MANUFACTURER'S SOLID-STATE REGULATED POWER SUPPLIES WITH 60 HZ INPUT VOLTAGES:

CON. AVIONICS	INPUT	OUTPUT	PRICE
HT-39-1.75A-5.15	115v.	39V 1.75A	\$30.
HT-20-5.6A-515	115v.	20V 5.6A	\$50.
HS-20-15.5-896	220v.	20V 15.5A	\$75.
NJE-SS-20-15.5-515	216-264v.	"	\$75.

DRESSER-BARNES WITH REMOTE SENSING,
26859 210-250v. 20V 3A NEW \$30
26858 210-250v. 20V 9A NEW \$60
27091 208, 220, 240v. THREE PHASE,
UNREGULATED, 10V 6A AND 50V 3A. NEW \$25

ELECTROSTATICS MODEL 50; INPUT: 103-127 V.
50-400 HZ. OUTPUT: 18-22 VDC @ 2 AMPS.
LESS COVER. 6 1/2 x 5 1/4 WT: 10 LBS. NEW \$25

SOLID-STATE POWER



SOLID STATE POWER SUPPLY; REGULATED OUTPUT: 22 V. 8 AMPS. AND AN UNREGULATED 24 V. 2 AMP OUTPUT. POWER INPUT: 115/230 VAC 45-65 HZ. SIZE: 17 x 5 1/2 x 9 1/2 WT: 40 LBS. MILEX #321-1007G, UNUSED \$75.00

WANLESS 1-0EM IC POWER SUPPLY;
OUTPUT: 24 V. @ 2.5 AMPS. REGULATED; AUTOMATIC FOLDBACK CURRENT LIMITING. FLOATING + AND - OUTPUTS. AC INPUT; SOLID-STATE. SIZE: 5 1/2 x 5 x 6; WT: 10 LBS. NEW, \$36.00



GENERATOR

GENERATOR
G - 24
AC - DC
115 V. 800 CYC 10.5 AMPS.
24 V. D.C. 60 " "
SPLINE SHAFT SIZE 7/8 x 1 1/2
SIZE: 6 1/2 x 7 1/2 x 13; WT: 45 LBS.
RE-COND. \$24.95



D.C. GENERATOR 30 V. 200 A.
4400 TO 8000 R.P.M. 2 1/2 x 1 1/2 IN
SPLINED SHAFT, FLANGE MTG.
SIZE: 10 1/2 x 6 x 8; WT: 36 LBS.
GE#2CM637E RE-COND. \$24.95



EICOR INVERTER
INPUT: 27.5 VDC
9.2 AMP.
OUTPUT: 115V
400 CYCLE
3 PHASE 100 VOLT-AMPERES.
SIZE: 7 1/2 x 4 1/2 x 5; WT: 7 LBS.
USED \$14.95 CONNECTOR \$2

VOLTAGE REGULATED POWER SUPPLIES



LAMBDA

MODEL #28 200-325 VDC @ 100 MA. &
6.3 VAC @ 3 A. RACK MTG. \$20

MODEL # 28M WITH METERS \$30

MODEL #29M WITH METERS 100-200 VDC
@ 100 MA. 6.3 VAC @ 3A. R-MTG \$35

MODEL #33M W/METERS 100-200 VDC @
300 MA. 6.3 VAC 2/6.3 @ 5A. R.M.\$45

MODEL #50M W/METERS 0-500 VDC @
500 MA. W/VAR. TRANS. 2/6.3 @ 5A.
F/BENCH USE \$100

MODEL C-280 0-200 VDC @ 200 MA.
1/6.3 VAC 10 A. \$55.00

MODEL C-280M W/METERS \$65.00

MODEL C-281M W/METERS 125-325 VDC
@ 200 MA. 6.3 VAC @ 10A. RACK M \$40.

MODEL C-480 0-200 VDC @ 0-400 MA.
6.3 VAC @ 15A. W/VAR. TRANS RM \$65

MODEL C-480M W/METERS \$75

MODEL C-481M W/METERS 125-325 VDC
@ 400 MA. 6.3 VAC @ 10 RACK MTG \$50

MODEL 1581M W/METERS 125-325 VDC
@ 0-1500 MA. W/VAR. TRANS. 6.3 VAC
@ 30 A. RACK MTG. \$125

OREGON ELECTRONICS VARIABLE VOLTAGE
REGULATED POWER SUPPLY.
0-150 & 0-600 VDC @ 500 MADC AND
6.3 VAC 10 A. MODEL D-6 RACK M \$50

SOLA D.C. POWER SUPPLY 281024-1
28 VDC @ 6 A. RACK MTG. \$40

MANY OTHER POWER SUPPLIES IN STOCK
WRITE AND TELL US WHAT YOU REQUIRE

DYNAMOTORS

TYPE	USED	RENEW	TYPE	USED	RENEW
DM-25	2.95	4.95	D-401	6.95	
DM-28	6.95		D-402	6.95	
DM-32	2.95	4.95	D-401 (SPEC)	8.95	
DM-32 (12 V)	4.95		DY-9	9.95	
DM-33 (WRITE AV)			DY-10	12.95	
DM-34	2.95	4.95	DY-17	12.95	
DM-35		20.00	DY-21	8.95	
DM-36	2.95	6.95	DY-22	9.95	
DM-37		13.00			
DM-40	5.95		DA-6A	8.95	
DM-41	5.95		DA-1F	11.00	
DM-42		15.00	DA-14	8.95	
DM-43		15.00			
DM-53	4.95		BD-77	19.95	
DM-53	5.95	(12V)	BD-83	8.95	
DM-64	7.95				

ADVISE US OF YOUR REQUIREMENTS OR WRITE FOR SPECS.
PE-86 5.95
PE-98 8.95 (COMP)
PE-98 4.95 (DYN)
PE-94 9.95

CARTER MA-2503; INPUT 6 VDC 6.3 A.
OUTPUT 250 VDC 30 MA. SIZE 3 1/2 x 5 x 3;
WT. 6 LBS. USED \$4.95

41S14 F/COLLINS 618; INPUT 27.5 VDC
22 AMPS. OUTPUT 650 VDC 550 MA. &
250 VDC @ 150 MA. SIZE 9 x 14 N \$15

CARTER 633BS2B; INPUT 12 VDC 25 A.
OUTPUT: 600-650 VDC @ 300 MA.
SIZE: 6 1/4 x 3 1/2; 12 LBS. NEW \$20.00

INVERTERS



EICOR INVERTER X3516-1
INPUT: 27.5 VDC 165 AMPS.
OUTPUT: 115 VOLT 400 CYCLE
2500 V.A. 1 PHASE
SIZE: 16 x 11 x 8; WT: 75 LBS.
EXCELLENT COND. \$49.50

PU-7 INVERTER

INPUT: 28 VDC 160 AMPS.
OUTPUT: 115 VAC. 400 CYCLE
21.6 AMP. 1 PHASE
SIZE 19 1/2 x 8 x 10 1/2; 100 LBS.
PRICE: UNUSED \$49.50

5AS13N3 INVERTER

INPUT: 26 VDC 100 AMPS.
OUTPUT: 115 VAC 400 CYCLE
1500 VA 1 PHASE
SIZE: 14 x 9 1/2 x 6; WT: 50 LBS.
PRICE: UNUSED \$45.00

MG-149F INVERTER

INPUT: 24 VDC 36 A. 750 VA.
OUTPUT: 115 V. 400 CYCLE
1 PHASE 500 VA & 26 V. 400
CYCLE 1 PHASE 250 VA.
SIZE: 12 x 8 1/2 x 8; WT: 25 LBS.
PRICE: GOV. RECOND. \$39.50

INVERTER

INPUT
27.5 vdc 60a
OUTPUT
115 v 400 cy
750 w 3 phase
26 v 400 cy
50 w 1 phase
SIZE 11x10x6; WT: 40 LBS.
LELAND#10285 used \$34.95

JACK & HEINTZ INVERTER
INPUT: 27.5 VDC 150 AMPS.
OUTPUT: 115/200 VAC 1/3
PHASE, 2250/2500 VA 400 CYC
SIZE: 20 x 12 x 8; WT: 75 LBS.
J&H F-45-3 OR EQUAL USED
PRICE: USED, REPARABLE \$75

INPUT: 24 VDC
@ 75 AMPS.
OUTPUT: 115
V. 800 CYC.
1 PHASE
10.5 AMPS.
WT: 35 LB.
SIZE: 4 1/2 x 8 x 12.
UNUSED \$14.95



JACK
& HEINTZ

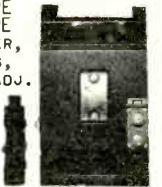
F-132 INVERTER
INPUT 27.5 VDC @ 100 AMPS.
OUTPUT 115 V. 400 CYCLE
1500 VA 3 PHASE
SIZE: 16 x 11 x 7; WT: 55 LBS
PRICE: USED \$75.00

F-147 INVERTER
INPUT 27.5 VDC @ 180 AMPS.
OUTPUT 115 V. 400 CYCLE
2500 VA 1 PHASE
SIZE 18 x 11 x 7; WT: 75 LBS.
PRICE: USED \$75.00



JACK & HEINTZ INVERTER
#AN-3532-2 INPUT 27.5 VDC
@ 20 AMPS. OUTPUT 115 VOLT
400 CYCLE, 3 PHASE, 2500VA
VOLTAGE REGULATED.
SIZE: 12 x 7 1/2 x 4; WT: 20 LBS.
FED#125-617-0967
USED \$14.95 RE-COND. \$22.95

M4A1 PERISCOPE
WITH TELESCOPE
M77C, 1.5 POWER,
COATED OPTICS,
ERECT IMAGE ADJ.
FOR ELEVATION
AND DEPTH.
ALSO MIRROR
TYPE PRISMS
EACH END OF
PERISCOPE.
SIZE: 6 1/2 x 11 x 1 1/2; WT: 9 LBS.
PRICES: COMPLETE UNIT \$12.
PERISCOPE LESS TELESCOPE \$7.
TELESCOPE ONLY M77C \$8.
PRISMS ONLY \$1.50



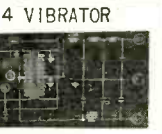
VIBRATOR POWER
SUPPLY, USED
WITH AN/PIP-1A
PUBLIC ADDRESS
SYSTEM. INPUT:
5.2 TO 6.2 DC
VOLTS; OUTPUT: 300 VDC 60MA,
50 VAC. SIZE: 4 1/2 x 3 1/2 x 2 1/2 3 LBS
#H17VD-11077 NEW \$9.95



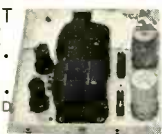
PE-104 POWER
CONVERTER
6 OR 12 VDC
INPUT, OUTPUT
90 VDC, 1 1/2 VDC AND -45 VDC.
SIZE: 4 x 4 x 7; WT: 10 LBS.
NEW \$3.95 W/EXTRA VIB. \$4.95



PP-855/PRC-14 VIBRATOR
POWER
SUPPLY
WITH FILTER NETWORK.
6 VOLTS DC INPUT, 5.35 AMP
OUTPUT 135 VDC @ 155 MA.
SIZE: 7 1/2 x 2 1/2 x 2 1/2; WT: 3 LBS.
NEW \$4.95



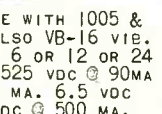
DUAL SIX VOLT
D.C VIBRATOR
POWER SUPPLY.
OUTPUT 540
VDC @ 150 MA.
CAN BE TAPPED
AT 270 VDC.
WITH 2/0Z4 TUBES.
SIZE: 9 x 6 x 5; WT: 10 LBS.
STK#3H6694-5 NEW \$7.95



PE-237
POWER
SUPPLY
FOR
BC-1306
GRC-9



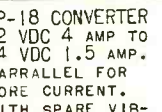
VIBRATOR TYPE WITH 1005 &
1006 TUBES ALSO VB-16 VIB.
VOLTAGE REG. 6 OR 12 OR 24
VDC, OUTPUT 525 VDC @ 90MA
105 VDC @ 42 MA. 6.5 VDC
@ 2 AMP, 6 VDC @ 500 MA.
1.3 VDC @ 450 MA. & 130 VDC
@ 17 MA. SIZE: 10 x 10 x 7;
WT: 85 LBS. RE-COND. \$19.95



PE-120 POWER
SUPPLY FOR
BC-659 BC-620
TRANS. RECEIV-
ER. VIBRATOR
TYPE VOLTAGE
REGULATED.
WITH TUBES
VR-105/0B-3, 1005 & BALLAS
VOLTAGE INPUT 6 OR 12 OR 24
DC OUTPUT 145 @ 175 MA, 90
@ 40 MA & 1.5 @ 75 AMP.
SIZE: 4 1/2 x 13 1/2 x 15 1/2; WT: 30 LBS.
RE-COND. \$7.95



PP-18 CONVERTER
12 VDC 4 AMP TO
24 VDC 1.5 AMP.
PARALLEL FOR
MORE CURRENT.
WITH SPARE VIB-
BRATOR
ALSO PLUG
NEW \$4.95



HARDWARE KIT: CONTAINS 50 CLAMPS OF 5 DIFFERENT SIZES, 20 SCREWS, 5 TYPES, 15 WASHERS, 7 LUGS, 4 HEX. NUTS, 18 SPAC. ERG. #RC298 5LB. 75¢



RUBBER SHOCK MOUNTS
 4 LB. #4 \$.30
 6 " #6 .35
 10 " #10 .40
 12 " #12 .50
 16 " #16 .60
 24 " #24 .75
 35 " #5215 .75

OTHER TYPE MOUNTS AVAILABLE IN LIGHTER & HEAVIER. ADVISE NEED

TUBE SOCKETS

OCTAL CERAMIC 2 HOLE MTG. \$.25
 " " RING " .15
 " BLACK " " .15

LOCTAL MICA 2 HOLE MTG \$.25
 4 PIN CERAMIC 2 " " .35

813 CERAMIC SOCKET \$1.50

6 " " 2 HOLE " .29
 7 " " " " .29
 475/7/9 PIN WAFER " " EA. .10
 7/9 PIN MICA SMALL " " .20
 9 PIN CERAMIC " " .35

METAL SHIELDS SMALL 7-9 " .10
 1625 AND 837 7 PIN LARGE .59
 829 CERAMIC SOCKET .75
 872 " " W/SHOULDER .75
 811/866 " " W/ " .75

GIANT 4 CONTACT CERAMIC FOR 872, 21 ETC. 3 1/2" RD. GE #ML7461594-G1 PRICE: USED \$.39

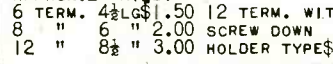


GIANT 4 CONTACT CERAMIC SOCKET FOR 715, 718 ETC. 3 1/2" RD. STK #227684.98 PRICE: NEW \$1.00

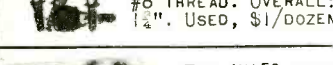


TERMINAL STRIPS WITH CLIPPED WIRE
 BARRIER TERM. STRIPS AVAILABLE, 3/4, 1 & 1 1/2" WIDTHS, 2 TO 16 TERMINALS. TWO TERMINAL 20¢ EA. EACH ADDITIONAL TERMINAL 3¢. WE WILL SHIP CLOSEST TO YOUR ORDER.

HEAVY DUTY TERMINAL STRIPS. APPROX. 2" W x 1 1/2" D.
 6 TERM. 4 LGS \$1.50 12 TERM. WITH 8 " 6 " 2.00 SCREW DOWN
 12 " 8 " 3.00 HOLDER TYPE \$4

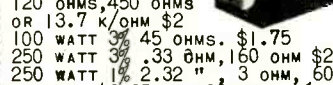


BINDING POSTS, 5/8" DIA. HEAD; 1/2" LONG #8 THREAD. OVERALL: 1 1/2". USED, \$1/DOZEN



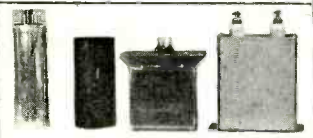
TWO 4X150 TUBE SOCKETS MOUNTED ON CHASSIS AS WAS USED IN T-195 TRANSMITT MODULATOR. SIZE 4 1/2 x 3 1/2 x 1 1/2; 1 LB. T-195/4x150 \$10

DALE PRECISION POWER RESISTORS 100 WATT 1%
 120 OHMS, 450 OHMS OR 13.7 K OHM \$2
 100 WATT 3% 45 OHMS. \$1.75
 250 WATT 3% .33 OHM, 160 OHM \$2
 250 WATT 1% 2.32 " 3 OHM, 600 OHM EA. \$2.25... 120 WATT 1%
 1400 OHM OR 22.1 K OHM EACH \$2.



U-102/U ADAPTER TUBE SOCKET; VECTOR MODEL T-8-0. FITS STANDARD 8-PIN OCTAL. FLASH-OVER VOLTAGE 1500+ VDC. 1 1/2 x 1 1/2" #U-102/U \$.59 EA. 2/\$1.

Capacitors



MFD	VDC	SIZE	PRICE
24000	3	4x3	\$1.00
2000	15	1 1/2 x 4 1/2	.59
1100	25	1 1/2 x 4	.75
50	150	2 1/2 x 4 x 1 1/2	1.50
500	200	2x4	1.00
14	220	3 1/2 x 2 x 1	.75
4	400	2 1/2 x 4 x 1	.50
10	400	2 1/2 x 4 1/2 x 1 1/2	.75
2	600	2 1/2 x 2 1/2 x 1	.50
3	600	1 1/2 x 3 1/2 x 1	.50
4	600	3 1/2 x 2 1/2 x 1 1/2	.65
6	600	4 1/2 x 2 1/2 x 1 1/2	.75
7	600	4x4x2	.85
8	600	3 1/2 x 5 x 1 1/2	1.00
10	600	3 1/2 x 4 1/2 x 1 1/2	1.25
1.3	950ac	5x4x1 1/2	.75
1	1000	1 1/2 x 2 x 1	.50
1	1000	1 1/2 x 4 x 1	.75
4	1000	2 1/2 x 4 1/2 x 1 1/2	1.00
8	1000	3 1/2 x 4 1/2 x 1 1/2	1.50
10	1000	3 1/2 x 4 x 1	1.75
15	1000	3 1/2 x 5 1/2 x 2	1.25
2	1500	2 1/2 x 4 x 1 1/2	1.00
1	2500	3 1/2 x 4 x 1 1/2	1.00
3x1	1200	3 1/2 x 3 1/2 x 2	.75
1	1200	2 x 3 x 1	.50
1	2000	2x3x1	1.00
4	2000	3 1/2 x 4 x 2 1/2	2.50
2	2500	2 1/2 x 4 1/2 x 1 1/2	3.00
1	3000	3 1/2 x 4 1/2 x 2	1.00
2	4000	3 1/2 x 3 1/2 x 5	4.00
2x.1	4500	3 1/2 x 3 1/2 x 1	1.00
1	5000	8 1/2 x 4 1/2 x 3 1/2	4.00

COMPUTER GRADE

MFD	VDC	SIZE	PRICE
11000	25	3x4	1.50
15000	25	3x4	1.75
20000	25	3x4 1/2	2.00
8000	25	2x4	1.50
37000	25	3x6	3.00
72000	25	3x6	3.75
16500	30	3x4 1/2	2.00
20000	30	3x4 1/2	2.25
25000	30	3x4 1/2	2.50
3000	35	1 1/2 x 3	1.25
7500	35	2 1/2 x 4	2.00
4000	40	2 x 4	2.00
7400	40	3x4	2.25
4800	40	3x5	4.00

HIGH VOLTAGE

MFD	VDC	SIZE	PRICE
1	15000	13x12x4	\$15.00
1	18700	15x13 1/2 x 5	20.00
2	7500	13x14x5	15.00
2	20000	15x12x10	50.00
.65	12500	11x8x4	10.00
.00025	25kv	11 1/2 x 4 x 3 1/2	10.00

OTHER VALUES IN STOCK, WRITE

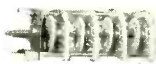
AC CAPACITORS

MFD	VAC	SIZE	PRICE
5	220	3 1/2 x 1 x 4	\$1.00
47-58	220	2x4 1/2 RD	2.00
3	330	4x2x1	.75
4	330	2x6	1.00
7	330	3 1/2 x 3 1/2 x 1 1/2	1.25
12	330	6x2 1/2 RD.	1.75
3	660	3 1/2 x 3 1/2 x 1 1/2	.75
4	660	3 1/2 x 4 1/2 x 1 1/2	1.25
10	370	6x1 1/2 RD.	1.00
15	236	5x2 RD.	1.00

PHOTO-FLASH CAPACITOR 25.6 MFD 1000/2000 VDC INTERMITT ENT. RE-MOVED FROM EQUIPMENTS GE25F454 3 LBS. \$7.50

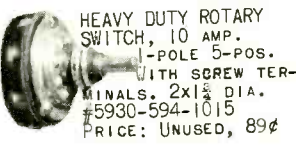
SYNCHRO CAPACITOR 3x10 90 V 60 HZ. 4 1/2 x 4 1/2 x 4 1/2 \$7.50

CAPACITANCE DIVIDER 30 MMF 15KV. INS. RATIO 60:1 W/54" RG-11 & PL-259 CONN. GE #C373179, 6x6x7 1/2, 6 LBS \$7



ROTARY SWITCH, FOUR DECK, THREE POLE-THREE POSITION EACH DECK. CERAMIC WITH SILVER CONTACTS. SIZE: 2x6 #5930-407-2704 NEW \$4.95

ROTARY SWITCH, CERAMIC, 2" D 3 POLE, 3 POSITION, 1 DECK 3Z9825-34.1 NEW \$1.00



HEAVY DUTY ROTARY SWITCH, 10 AMP. 1-POLE 5-POS. WITH SCREW TERMINALS. 2x1 1/2 DIA. #5930-594-1015 PRICE: UNUSED, 89¢

ROTARY SWITCH 10 POLE, 4 POS. 5 DECK. 3 1/2 x 1 1/2. RM-39/31.9 RE-MOVED \$1.00

GE CERAMIC POWER SWITCHES 2 DECK 3 POSITION 2x5 IN. GE #P42J198-1 G1/394 \$1.95

GE HEAVY DUTY CERAMIC, TWO DECK 4 BREAK 3 MAKE, 2x4" #ML7464910-G1/407 \$1.95

GE HEAVY DUTY CERAMIC, TWO DECK 3 POSITION, 3x4" #ML7762999-G1/397 \$1.95

ROTARY SWITCH; ONE POLE 12 POSITION NO STOP, 1 1/2" DIAMETER. #AB-6422 75¢

ROTARY SWITCH CERAMIC WAFERS, 2 DECK 4 POSITION, 2" DIAMETER. #C-87/S-602 75¢ EACH.

TWO ON/OFF SWITCHES ON ROTARY WAFER, 2 DECK, POLE 2, 5 POS. #333-9774 \$1.00

ROTARY SWITCH, BAKELITE WAFER, 1-POLE 11-POSITION, 1 1/2 x 1 1/2 3Z9825-92.3 50¢

ROTARY SWITCH, SINGLE GANG 4 CIRCUIT WITH 2 CONTACTS FOR EACH. DIA. 1 1/2" x 1". 3Z9827.34 59¢ 2 FOR \$1.00

ROTARY SWITCH SINGLE 17 CONTACT DECK, ONE TIE DECK DIA. 2 1/2 x 1 1/2" SW-942-249 75¢ EACH 2 FOR \$1.25

ROTARY SWITCH BAKELITE WAFER, 8 POS., 3 DECK; ONE DECK NON-SHORTING. 3x2x2. #3Z9825-75.4 NEW \$1.00

Kits \$1.00

DISC CERAMIC CONDENSERS 33 ASST. 15MMF-.61MFD. Good Value \$1.00 a KIT

TUBULAR CONDENSER 50 ASST. .00025 to .1 200 to 600 V \$1.00 a KIT

MICA CONDENSERS 25 ASST. 10 MMFD To 6800 MMFD. \$1.00 a KIT

TRIMMER CONDENSERS 25 ASST. 3 to 280MMF WIDE RANGE \$1.00 KIT.

RESISTORS INSULATED ON BOARDS 50 ASST. 1/2, 1 & 2 Watt wide range of good values 50 ASST. \$1.50

RESISTORS WIREWOUND 25 ASST. 5 to 20 Watt. Wide range of values some tapped. 25 ASST \$1.00

VOLUME CONTROLS 10 ASST. Popular Values \$1.00

TUBE SOCKETS 20 ASST. Octals Locals Minatures Wafers etc \$1.00

PILOT LIGHT SOCKETS 25 ASST Bayonet Screw etc. \$1.00

TERMINAL STRIPS, Tie lug strips, ASST types. 25 for \$1.00

TERMINAL LUGS, ring spade, crimp types. Wide variety of sizes for all uses in clear plastic box. APPROX. 200 PCS. \$1.50

ROTARY SWITCHES BRAND NEW 6 for \$1.00

BATHUB CONDENSER KIT 1 MFD. to 1 MFD. up to 600 Volt. 10 for \$1.00

HARDWARE KIT NUTS, WASHERS SCREWS, RIVET GROMMETS ETC. 1 1/2 LBS. \$1.00

COMPUTER GRADE



COMPUTER GRADE CAPACITORS OUT OF EQUIPMENT GUARANTEED

MFD	VDC	SIZE	PRICE
900	165	2x4 RD	\$1.25
500	275	2x4 RD	1.25
350	330	2x4 RD	1.25
1400	99	2x4 RD	1.25

LOTS OF 6 \$1.00 EACH.

MFD	VDC	SIZE	PRICE
12000	11	2x4	.75
35000	12	2x5 1/2	1.25
11500	18	2x4 1/2	1.25
4000	33	2x4	.75
3500	52.5	2x4	.75

MICA CAPACITORS

MICA CAPACITORS CER-MIC CASED VARIOUS MANUFACTURERS, VALUES NOT AVAILABLE IN ALL TYPES.

CAPACITY	VOLTS	PRICE
.04	1,000	\$ 6.00
.08	1,500	9.00
.25	1,500	9.00
.09	2,000	16.00
.027	2,000	16.00
.03	2,000	16.00
.045	2,000	20.00
.082	2,000	25.00
.02	3,000	20.00
.01	5,000	15.00
.001	5,000	15.00
.024	5,000	20.00
.003	5,000	20.00
.002	6,000	20.00
.0002	6,000	20.00
.00051	6,000	20.00
.0006	6,000	20.00
.0022	6,000	20.00
.0039	6,000	20.00
.0047	6,000	23.00
.027	6,000	23.00
.016	8,000	25.00
.005	8,000	25.00
.001	10,000	38.00
.0051	10,000	38.00
.0075	10,000	38.00
.000025	10,000	38.00
.0016	15,000	45.00
.002	15,000	45.00
.0068	15,000	45.00
.0082	15,000	45.00
.0012	20,000	50.00
.00015	20,000	50.00
.000051	20,000	50.00
.0012	25,000	58.00
.0051	25,000	55.00
.0024	30,000	60.00

WRITE OTHER VALUES IN STOCK

ANTENNA CIRCUIT SWITCH 100 WATT 3/MAKE 3/BREAK SIZE: 4x2 1/2 x 1 1/2 #3Z9626 \$2.50

RESISTORS, PRECISION 25 ASST. ON BOARDS. WIRE WOUND OR CARBON 1% OR BETTER GOOD VALUES. \$1.00 50 TINY CAPACITORS SELECTED TINY ASST PAPER & CERAMIC X GOOD VALUES. \$1.50

WIRE ASSORTMENT SIX 25 FT. COILS FULLY INSULATED STANDARD SIZES TINNED COPPER ASST. COLORS \$1.00

MINIMUM ORDER \$5.00

TRANSFORMERS

**50 VCT
15 AMP**

PRI: 115v. 60cy.
SEC: 50vct. 15A.
5x4x4 WT: 14LBS.
BURNS#43847
PRICE \$9.95

PRI: 115 V
60 CYC
SEC: 200VCT
2 AMPS
4x4x4
20 LBS
IFX46-16 \$4.95

PRI: 115V47-420 CYC
SEC: 3/120VCT120MA
115/50MA
16V @ 15 AMP.
4x5x3x3; 9 LBS.
#5525 \$9.95

PRI: 115 V. 60 HZ
SEC: 56 VAC CT &
10V TAP @ 6 AMPS.
3x3x3x3; 9 LBS.
ANKER#4601 \$5.95

PRI: 115 V 60 CYC
SEC: 42 VCT 4 A.
2 VCT 12 A.
4x5x8x3; 17 LBS.
3H4674B.1/76 \$6.00

PRI: 115 V. 60 CYC
SEC: 63 V. TAPPED
35 V @ 7/28V @ 25A.
8x8x5; 40 LBS.
5950-845-2755 \$22

TF45X02YY

THREE PHASE
PRI 171V 50-450CYC
SEC 28V @ 40A
6x7x9x9 WT. 45LBS
PRICE: \$14.95

MICROPHONE TRANS
PRI: 40 OHMS
SEC: 75000 "
SIZE: 1x1x2
WT: 2 oz.
229986-2/RM-12
PRICE: 75¢

MICROPHONE
PRI: 14.5-21 OHM
SEC: 4475-6500
OHMS
CARBON MIC.
2x3x2x2
#7762352G1
\$1.00

Microphones
Transformer
Pri: 1 ohm
Sec: 2000
1x2x2x1
STW29666A
Price \$.59

**1-177
TUBE CHECKER
TRANSFORMER**

SIZE: 4x4x4 5LBS
STK. # 229613.667
PRICE: \$4.95

**PRIMARYS
115 VOLT
60 HZ**

SEC: 50 VCT 1.5 A.
5 V. 2.0 A.
3x2x3x3; 4 LBS.
URC#10603004 \$2.50

SEC: 70 VCT 1.5 A.
5 V. 1.5 A.
3x2x3x3; 5 LBS.
URC#18085-1 \$2.75

PRI: 115/230V 60 HZ
SEC: 700VCT @ 120 MA.
5V/3A. 6.3V/4 A.
300 VCT @ 30MA.
SIZE: 4x5x4x4; 10LBS
RD60T3 \$4.95

**ALL PRIMARYS
115 VOLT 60 CYCLE**

SEC: 6V. @ 500 MA.
1x1x1x1; 3 oz.
URC#1378648 \$1.25

SEC: 6.3 V @ 1 AMP
1x1x1x1; 3 oz.
URC#115821 \$1.50

SEC: 2/14 V. 600 MA
2x1x2x2; 1 LB.
VARNY 214/6 \$1.95

SEC: 2/30 V. 250 MA
2x1x1x1; 4 oz.
URC#60605 \$1.50

SEC: 110 VAC 100 MA
130 " 100 MA
SZ12-2x3x2;
#801632 \$1.75

SEC: 125 VCT 15 MA
6.3 VAC 0.6 A
SIZE: 2x2x1x1; 8 oz.
#30961 \$1.50

AUDIO OUTPUT TRANS
PRI: 450 OHMS
SEC: 300/4000 OHMS
IMPEDANCE
FO/BC-348
STK# 204348M/T
2x2x4 WT. 2 LBS.
PRICE: \$1.00

**OUTPUT
TRANSFORMER**

NP/NS-1.77/6.6, 50
TO 5000 CYC. 5MA.
SIZE: 2x2x2
GEM 7465623-1
PRICE: \$.75

LOW VOLTAGE TRANSFORMERS

ALL PRIMARYS 105/110/115
120/125 VOLTS 60 CYCLE.

SEC: 6.6 V. 18 AMP
3x5x4; 12 LBS.
GE#9T35Y159 \$3.95

SEC: 6.6 V. 10 AMP
6.6 V. 1 AMP
5x4x3x3 WT: 10 LBS.
GE#9T35Y184 \$3.25

ALL PRIMARYS 115 V 60 HZ.

SEC: 6.3 VCT 3 A. AND 5 V.
6 AMP. 3x4x4x4 4 LBS.
#29611.106 \$4.95

PRI: 115/120/125 @ 60 CYCLE
SEC: 6.3 VCT @ 5 AMP.
2x2x2x2; 1 LB.
#5950-721-2011 \$4.95

PRI: 66 V. 50 TO 63 HZ
SEC: 15 V. 25 AMPS
SIZE: 5x4x6x6 WT: 15 LBS.
#5950-660-7183 \$12.95

PRI: 230V 60 CYC
SEC: 6.3V 30A OR 5.67V30A
4x5x5x3x3; 13LBS#6510 \$4.95

PRI: 115 V. 60 HZ.
SEC: 6.3 VCT @ 12.5 A.
6.3 VCT @ 1.5 A.
4x3x5x5; WT: 9 LBS.
#5950-646-1223 \$4.95

SOLA CONSTANT VOLTAGE
PRI: 95-130 VOLT 60 CYCLE
SEC: 6.5 VAC 12 A. CONST
9x4x4; 16LBS. #302473
5950-578-8875 \$9.95

**2-6.3 VCT
35 AMP.**

PRI: 0-125 V. NORMALLY W/
4 TAPS BUT THE ONE'S NOW
REMAING AFTER 4 YRS. HAVE
SOME OF THE TAPS BROKEN &
MTG. STUD MAY BE BROKEN OR
CORNER BENT. TRANSFORMER
CAN BTILL BE USED TO GIVE
THE RATED OUTPUT OF TWO
6.3 VCT @ 35 AMPS.
SIZE: 7x6x5x4; 30 LBS.
SMITH#3002730/76
STILL A GOOD BUY @ \$12.95

MICROPHONE TRANSFORMER
PRI: IMPEDANCE 50 OHM 30MA
SEC: IMPEDANCE 500 OHM
FREQ. RESPONSE 400-1900 CPS
SIZE: 1x1x1x1; WT: 8 oz.
\$1.00 T-204/PP-115

LINE TRANSFORMER INPUT
PRI: IMPEDANCE 500 OHM CT
SEC: " 500 "
FREQ. RESPONSE 600-12000Cp
SIZE: 2x2x2x2; WT: 1 LB.
T-203/PP-115 \$1.50

PRI: 115 VOLT
60 KH
SEC: 2000 VCT
@ 500MA. CONT
700 MA. INT.
7x5x5x5; 30LBS
#323 \$25.00

PRI: 7000 OHM CT
SEC: 265 " "
80 " "
ONE WINDING
POWER: 62.5 WATTS
RESPONSE: 1 DB
20-20,000 CPS
SIZE: 4x6x4; 20 LB
TF1A13MA \$4.95

HIGH VOLTAGE TRANSFORMERS

DC POWER SUPPLY
PRI: 115V 60 CY
SEC: -8000 V.
@ .25-1 MA.

-120V @ 15 MA
-24V @ 1.2 A
-16.V @ .45 A
SIZE: 4x4x9x3; WT: 15 LBS.
#GE9T63Y2280G03 \$14.95

**IGNITION
TRANSFORMER**
GE# 9T62Y4054
PRI: 120V 60H
SEC: 5000 V
20 MA. CASE GN.
SIZE: 5x4x3x3; WT: 13 LBS.
#5950-529-6870 \$9.95

PRI: 115 V. 60 HZ. 250 VA.
SEC: 10,000 V. 23 MA. CASE
GROUND
SIZE: 8x5x5; WT: 18 LBS.
GE# 5669 \$14.95

PRI: 115/230 V. 60 HZ.
SEC: 520 VCT @ 90 MA.
6.3V/12 A. 6.3VCT 4A.
SIZE: 4x5x3x3; WT: 7 LBS.
#TB1RX03LB/FGC-29 \$5.95

CHOKE FOR ABOVE 10/25 HY.
125/15 MA. 4x3x4x4; 4 LBS
#TF1RX04LB/FGC-29 \$3.95

PRI: 115 VAC
60 HZ.
SEC: 1800 V.
@ 300 MA
TAPPED AT 400V
4x4x4x4; 12 LB
AB-6950 \$9.95

PRI: 105-110-115
120-125
SEC: 560CT 75 MA
365 V 150 MA
TAP335 V
3x5x3" 8 LBS.
#TF1A02JA \$1.95

NOISE FILTERS

MALLORY FILTER
NF-1-2/LELAND
B-2037 AS USED
IN PE-109/206
INVERTER
3x3x2; 2 LB
\$3.95

FILTRON FA-380 3x10 AMPS.
28 VDC 3x3x1x1 \$2.50

CORNELL-DUBILIER NF10501
4 AMP 50VDC 2x2x2x2 \$2.00

TOBE FILTERETTE 1426 7.5
AMPS 500 VDC 2x1x1x1 \$2

TOBE 1163FL-23 10 AMP 30 V
DC 2x2x1, W/BACKET \$2

SPRAGUE JX-51K 10 AMPS, 100
VDC. SIZE 2x2x1x1; \$2

PRI: 115 V 60 C
SEC: 6.3 V 3.6 A
15 V.004 A
15 V.004 A
SIZE: 3x3x3x3.4 LBS
STK#ORD7629806
PRICE: \$1.50

**CONSTANT VOLTAGE
TRANSFORMERS: 95
TO 130 VAC 60 HZ
PRIMARY; WITH
CAPACITORS, SOLA
AND OTHER MFGS.
REMOVED FROM E-
QUIPMENT.**

SEC: 18 VDC 6 AMPS
SIZE: 4x3x5, 10LB
#21804 \$7.95

SEC: 24 VDC 5 AMPS
SIZE: 4x3x5 15LB
#22661-1 \$9.95

SEC: 25-27VDC 3.5 A
AMPS; 5x3x4x4 11LB
#22662 \$6.95

PRI: 95/105/115/125/
190/210/230/250
@ 60 CYCLE
SEC: 2/4/6/8/@225 MA
90/100/110 @
225 MA.
115 @ 500 MA.
4x5x4x4; WT: 13 LBS.
KLIENSCHMIDT 5399 \$9.95

PRI: 115V 60CYC
SEC: 40-0-40V .18A
3x3x5 WT. 5LBS
#7629808 \$1.50

PRI: 115V 60 CYC
SEC: 5.7V 21.8A
3x4x5 WT. 9L
GE-7469149
PRICE: \$6.95

PRI: 1/2/4/10/20/
40/100/200/400/
1000/2000
SEC: 40 V. 100 MA
6x7x5; 20 LBS.
ESPEY T-41627 \$8

PRI: 117V 50/60 CYC
SEC: 6.3V 11A & 6.3V 3A
& 5.0V 4A & 5.0V 2A
3x5x4; 12 LBS.
5950-647-8697 \$5.95

CONTROL TRANSFORMER
PRI: 115V. 60 HZ
SEC: 24V. 20 VA.
2x2x2; WT: 2 LBS.
#BE-8002 NEW \$1.50

PRI: 115 V 60 HZ
SEC: 24VAC 2.2 A.
3x2x2x2; 4 LBS.
#BE 8445 \$2.50

PRI: 115V 50/60CYC
SEC: 24V 15VA.
2x2x2x2 1 LB.
#A8-637-001-808
PRICE: \$1.25

**MAGNETIC
AMPLIFIER**
115,400 CY/
HEATER/D.C
REFERENCE/
CONTROL.

KEARFOTT#425957-1A/SPERRY
622033. 3x2x2; 1 LB.
5950-712-3882 \$3.95

PRI: 120V 50-60CYC.
SEC: 5V CT @ 10.8A
SIZE: 5x3x3x3
WT. 8 LBS.
#L 217247-1
PRICE: \$3.95

PRIMARY VOLTS
81, 163 & 230
50/60 CYCLE
SECONDARY VOLTS
12 CT. 3x AMPS
12 CT. 3x " "
13 CT. 10 " "
@ 115V 2/16V-3A 1/17V
10A. SIZE 4x7x7 18LBS.
GE#7466333 \$5.95

PRI: 110V 60 CYC.
SEC: 6.3V 2A
12.6V 1.5A
SIZE: 2x2x2x4
WT. 4 LBS.
5950-556-1826
\$2.50

PRI: 120 V 60 cy
SEC: 2.5 V 10 A.
NO C.T. INS.10M.
4x3x5; 8 LBS.
#229611.44
\$2.95

PRI: 115V60CY
SEC: 375.5V
@.016A
7.1V @ 1.15A
2x3x2; 1LB
229619-62 \$2.95

PRI: 115V 50-133CY
SEC: 20 VOLT LOAD
OR 12.5V @ 2 AMPS
MOUNTED ON 4" RD.
ELECT. BOX COVER
3x3x2; 2 LBS.
#FR-24960 \$1.25

AUTO-TRANSFORMER 0-107-115-122-210-230
-250 v. 60HZ 1.5KVA
W/ON-OFF SW. 3 SLO
BLO FUSES & INDICATORS
5x13x7 1/2; 40LB. KS2833 \$15.

FILAMENT TRANS.
PRI: 215 v 60CY
71V.A.
SEC: 1, 5VCT4.3A
4x3x3x3 7LBS.
#199-2255 \$3.95

PRI: 115 VOLT 50/60 HZ
SEC: 230 v 2.2 A. 4ADC
HALF WAVE. SIZE: 6x5x7 1/2;
35 LBS. FGC-29/7FIA03YY \$12

PRI: 0/116/120/
124v. 60CY.
SEC: 126v. 1.1A.
114v. 1.0A.
TF4RX01YY
8 1/2 x 5 1/2 x 4 1/2 .27 LBS.
K95-1476 \$7.95

CHOKES

8 HY 100 MA 160 OHM 2 1/2 x 3 x 2 1/2;
3 LB. #TR-1024 \$1.50

10 HY 0-1 AMP DC @ 10v. 60
HZ. 268 OHMS. 2 1/2 x 3 x 2 1/2; 4 LB
#6467 \$1.75

5 TO 42 HY 160 OHMS, 130 TO
200 MA 3 1/2 x 3 x 4; WT: 7 LBS.
#5950-646-0561 \$1.75

12 HY 210 MA 50 OHM; 5x6x4 1/2;
14 LBS. #3C316-33 \$2.50

140 HY @ 5v. 60 HZ; 10 MA DC
2700 OHMS. 2 1/2 x 2 1/2 x 3 1/2; 3 LBS.
#HA-81-C \$2.95

BENDIX CHOKES
12 HY @ 400 MADC
100 OHM
5x6x4 1/2; 20 LBS
#L217434-1 \$7

8 HY 300 MA
RES. 90 OHM
WT: 7 1/2 LBS.
8x3x4 1/2
3340-310-190
\$5.95

5 HY @ 400 MADC
60 OHMS.
4x5 1/2 x 4; 12 LBS
#L217432-1 \$5

6 HY 80 MA
P/O TG-10
2 1/2 x 2 x 2, 1 1/2 LB
#27294 \$.89

5 HY 50 MA
RES. 250 OHM
2x2x2 1/2, 1 1/2 LB
#3C3672 \$.75

SCOPE XFORMERS
PRI: 115V 50-1600 CYCLE
SEC: 1 WIND. 1100V 2MA, 250
VCT 60MA, 1.25V. 2MA
6.3V, 3.6A & 2/6.3V. 6A
4 1/2 x 4 x 3 1/2; 10 LBS.
#5950-239-9448 \$7.95

**10 AMP
CHOKE**

CHOKE INDUCTOR
30 MH 3 A. 18
OHMS, 5MH 10 A.
.075 OHMS.
5 1/2 x 6 1/2 x 4 1/2; 22LB
SCHOTT #3310
\$8.00

30 HY 70 MA
550 OHM
2 1/2 x 3 x 3 1/2 1LB
#3C325-6
\$1.25

1.5 HY 1.5 AMP
5000 V. TEST
8 1/2 x 8 1/2 x 6 1/2;
SHPG. WT: 60 LB
5950-159-6041
\$14.95

10 HY 150MA
210 OHMS
WT. 4 1/2 LBS.
SIZE: 2 1/2 x 5 x 2 1/2
#217366-1
\$1.75

**CHOKES
LOW VOLTAGE
HY UNKNOWN**
LEEP6580
3 AMP. \$1.95
LEEP6433
9 AMP. \$3.95
SIZE: 2 1/2 x 3 x 2 1/2;
3 LBS.
6.3 HY @ 6.24A.
61 OHM; 3 1/2 x 3 x 3 1/2;
#814-2421 \$3.95

10 HY 415 MA
RES. 60 OHMS
TEST V 1800
SIZE 4x5x3 1/2
WT: 12 LBS.
5950-645-9675
\$4.95

CHOKE
10 HENRYS @
200 MA
135 OHMS
2000 VRMS 60 CYC
3 1/2 x 3 x 5 WT. 9LB
BENDIX #L217380-1
PRICE: \$3.95

10 HY 150 MA
RES. 100 OHM
TEST 3000 V.
SIZE 3 1/2 x 4 1/2 x 3
WT: 7 LBS.
3C323-6220
\$1.95

3.5 HY 500 MA
100 V. 60 CYC
30 OHMS 715WV
4x5 1/2 x 3 1/2; 10 LBS
TF1A04KA/A8649
\$2.95

11 HY 120 MA
3 1/2 x 3 x 3 1/2 6LBS.
#13639-S
\$1.95

5.0 HY AT 10
60 CYC 400 M
RES: 50 OHM
SIZE: 6x4 1/2 x 4
WT. 13 LBS.
#3521746 \$7.00

10 HY 225MA
25 OHM
3 1/2 x 5 x 5
WT. 11 LBS.
#TF1RX04YY
\$3.95

25 HY 35 MA DO
1070 MV
2x3x2; 2LBS
GE#7415231
\$.79

**DUAL
2.5V**
PRIMARY
115 V 60 HZ
SECONDARY
2.5 VCT 10A
2.5 " " "
2400 V. TEST
3 1/2 x 3 x 4 1/2; 6LB
#29987-3
\$4.95

11 HY 100 MA
200 OHMS
4x4x5 1/2 WT 8
#3C557F-1
\$1.75

10 HYS 500 MA
45 OHM DC RES
500 WORK VOLTS
#5950-646-1383
\$5.95

14 HY 125MA
275 OHMS.
2 1/2 x 3 1/2 x 5 1/2;
308-708-060
\$1.25

.08HY .53OHMS
2500 MADC
5x5x4; 20LBS
5950-155-9326
\$9.95

17 HY 80 MA
300 OHM
2 1/2 x 2 x 3 WT. 2
#3C326-31B
\$3.95

REACTOR FILTER CHOKE
INDUCTANCE 3 HY. RES. 30
OHM, 350 MA DC 2000 V. PK.
SIZE: 3 1/2 x 4 1/2 x 2 1/2; WT: 6 LBS.
L-225/PP-115 \$2.50

PRI: 117V 50-60CYC
SEC: 3/5V CT @ 2A
2/5V CT @ 2A
2/2.5V @ 10A
7x4x3 1/2 WT. 12 LB
GILFILLAN #54148-1
PRICE: \$5.95

PRI: 220/230/240V
50-60 cyc
SEC: 2.5V CT @ 10A
5 1/2 x 3 1/2 x 3 1/2 WT. 6LBS
5950-648-4773
PRICE: \$2.95

PRI: 200, 220, 240
VOLTS 50 CPS
SEC: 5VCT @ 20 AMP
4 1/2 x 5 1/2 x 7 1/2 18 LBS.
#5950-645-3891 \$6.95

FILTERS
BAND PASS FILTER
2220CYCLE WIDTH,
BAND 1285-4200 CPS
INPUT: 600 OHMS
250 OHMS
OUTPUT: 120,000 OHMS
2 1/2 x 2 1/2 x 3 WT. 2 LBS. \$1.95
STK# 3Z1892-19

INTERSTAGE FILTER; 12 TO 24
MC. OPERATIONAL FREQ. STAN-
DARD 5 PIN. 2 1/2 x 4 x 1 1/2 WT: 1 LB
#3Z1892-62.15 NEW \$1.95

LOWPASS FILTER; 500 KC CUT-
OFF. 1 1/2 x 2 1/2 x 4 1/2 WT. 2 LBS.
#3Z1894-12.2 \$2.95

BAND PASS FILTER
27.8 TO 30.8 KC.
OPER. FREQ. 29.3
KC. INPUT IMP. 200
K OHMS OUTPUT 100
K OHMS. 224376.28
4 1/2 x 5 1/2 x 3 1/2; 3LBS. \$2.95

DUAL CHOKE
11 HY 100 MA
200 OHMS
4x4x5 1/2 WT 8
#3C557F-1
\$1.75

11 HY 500MA
1350 VAC @ 120CYC
7x6x9 1/2 WT. 42 LB
ITC NO. DC-6281
PRICE: \$8.95

10 HY 125MA
275 OHMS.
2 1/2 x 3 1/2 x 5 1/2;
308-708-060
\$1.25

14 HY 125MA
275 OHMS.
2 1/2 x 3 1/2 x 5 1/2;
308-708-060
\$1.25

17 HY 80 MA
300 OHM
2 1/2 x 2 x 3 WT. 2
#3C326-31B
\$3.95

PRI: 220, 230, 240
SEC: 14V @ 5A
20V @ 5A
4x4 1/2 x 5 1/2 WT. 12 LB
CS8779A \$5.95

PRI: 120V 50-60 CYC
37 VA
SEC: 5VCT @ 2A
6.3V @ 1A
5VCT @ 4A
3x3x5 1/2 WT. 7 LB
BENDIX #L217336-1
PRICE: \$3.95

PRI: 120V 50-60 CYC
37 VA
SEC: 5VCT @ 2A
6.3V @ 1A
5VCT @ 4A
3x3x5 1/2 WT. 7 LB
BENDIX #L217336-1
PRICE: \$3.95

PRI: 120V 50-60 CYC
37 VA
SEC: 5VCT @ 2A
6.3V @ 1A
5VCT @ 4A
3x3x5 1/2 WT. 7 LB
BENDIX #L217336-1
PRICE: \$3.95

PRI: 120V 50-60 CYC
37 VA
SEC: 5VCT @ 2A
6.3V @ 1A
5VCT @ 4A
3x3x5 1/2 WT. 7 LB
BENDIX #L217336-1
PRICE: \$3.95

PRI: 120V 50-60 CYC
37 VA
SEC: 5VCT @ 2A
6.3V @ 1A
5VCT @ 4A
3x3x5 1/2 WT. 7 LB
BENDIX #L217336-1
PRICE: \$3.95

PRI: 120V 50-60 CYC
37 VA
SEC: 5VCT @ 2A
6.3V @ 1A
5VCT @ 4A
3x3x5 1/2 WT. 7 LB
BENDIX #L217336-1
PRICE: \$3.95

PRI: 120V 50-60 CYC
37 VA
SEC: 5VCT @ 2A
6.3V @ 1A
5VCT @ 4A
3x3x5 1/2 WT. 7 LB
BENDIX #L217336-1
PRICE: \$3.95

PRI: 120V 50-60 CYC
37 VA
SEC: 5VCT @ 2A
6.3V @ 1A
5VCT @ 4A
3x3x5 1/2 WT. 7 LB
BENDIX #L217336-1
PRICE: \$3.95

DAVIS DIMMER
AUTO TRANSFORMER
230 VOLT 60 CYCLE
1 PHASE WITH 5
48 VOLT
CIRCUITS THAT
CAN BE VARIED 0-
48 V. MAX. 20 A.
TOTAL.
SIZE: 10x10x7;
SHPG. WT: 90 LBS
#GR-3 \$19.95

MULTI-VOLTAGE
ISOLATION TRANS.
PRI: 73/88/95/105/
115/125/190/210/
230/250. 50/60 CY
SEC: 17.6/35.2/189
193/196/200/203
@ 1.6 AMP.
9 1/2 x 4 1/2 x 7 1/2; 40 LBS.
#29619-6 \$14.95

PRI: 115/230V
50/60 CYC
SEC: 444VCT 97 MA.
6.5VCT 3.2 A.
12.4V 390 MA.
4x4x3 1/2; 8 LBS.
5950-376-9600
\$3.95

PRI: 220, 230, 240
SEC: 14V @ 5A
20V @ 5A
4x4 1/2 x 5 1/2 WT. 12 LB
CS8779A \$5.95

PRI: 230V 50/60 CY
SEC: 5000V 18 MA
ONE END GND.
6x4 1/2 x 3 1/2; 12 LBS.
5950-959-5369 \$7.95

PRI: 120V 50-60 CYC
37 VA
SEC: 5VCT @ 2A
6.3V @ 1A
5VCT @ 4A
3x3x5 1/2 WT. 7 LB
BENDIX #L217336-1
PRICE: \$3.95

PRI: 120V 50-60 CYC
37 VA
SEC: 5VCT @ 2A
6.3V @ 1A
5VCT @ 4A
3x3x5 1/2 WT. 7 LB
BENDIX #L217336-1
PRICE: \$3.95

PRI: 120V 50-60 CYC
37 VA
SEC: 5VCT @ 2A
6.3V @ 1A
5VCT @ 4A
3x3x5 1/2 WT. 7 LB
BENDIX #L217336-1
PRICE: \$3.95

PRI: 120V 50-60 CYC
37 VA
SEC: 5VCT @ 2A
6.3V @ 1A
5VCT @ 4A
3x3x5 1/2 WT. 7 LB
BENDIX #L217336-1
PRICE: \$3.95

PRI: 120V 50-60 CYC
37 VA
SEC: 5VCT @ 2A
6.3V @ 1A
5VCT @ 4A
3x3x5 1/2 WT. 7 LB
BENDIX #L217336-1
PRICE: \$3.95

PRI: 120V 50-60 CYC
37 VA
SEC: 5VCT @ 2A
6.3V @ 1A
5VCT @ 4A
3x3x5 1/2 WT. 7 LB
BENDIX #L217336-1
PRICE: \$3.95

PRI: 120V 50-60 CYC
37 VA
SEC: 5VCT @ 2A
6.3V @ 1A
5VCT @ 4A
3x3x5 1/2 WT. 7 LB
BENDIX #L217336-1
PRICE: \$3.95

PRI: 120V 50-60 CYC
37 VA
SEC: 5VCT @ 2A
6.3V @ 1A
5VCT @ 4A
3x3x5 1/2 WT. 7 LB
BENDIX #L217336-1
PRICE: \$3.95

PRI: 120V 50-60 CYC
37 VA
SEC: 5VCT @ 2A
6.3V @ 1A
5VCT @ 4A
3x3x5 1/2 WT. 7 LB
BENDIX #L217336-1
PRICE: \$3.95

PRI: 120V 50-60 CYC
37 VA
SEC: 5VCT @ 2A
6.3V @ 1A
5VCT @ 4A
3x3x5 1/2 WT. 7 LB
BENDIX #L217336-1
PRICE: \$3.95

TRANSFORMER WITH
METER 0-100 AC
AMPS.
PRI: 115 VAC 60CY
SEC: 10/14/19/24
W/ON-OFF SW. AND
FUSED LINE. 140 LB
SIZE: 16x8x15 1/2;
5950-537-4950
PRICE: \$39.50

PRI: 115 v. 60 CYC
SEC: 25 KV INSULA-
TOR
OR 7.5 v. 48 " "
OR 7.5 v. 32 " "
SIZE: 6x7 1/2 x 9; 50 LBS
#3340-296-879
\$14.95

PRI: 120 V
60 CYCLE
SEC: 5.4V/2.7V
@15A
5VCT
@15A
WITH
INSU-
LATOR
& TUBE SOCKET C6
5x5x7 1/2; 15 LBS
5950-353-5572
\$14.95

PRI: 115 V 60 CYC
SEC: 2.65V 3.5 A
2.65V 3.5 A
6.3V 3.5 A
5.0V 2.0 A.
4x5x5; 15 LBS.
JEFFERSOND-12A646
\$4.95

PRI: 115 V 60 CYC
SEC: 2.65V 3.5 A
2.65V 3.5 A
6.3V 3.5 A
5.0V 2.0 A.
4x5x5; 15 LBS.
JEFFERSOND-12A646
\$4.95

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SEC: 2.65V 3.5 A
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4x5x5; 15 LBS.
JEFFERSOND-12A646
\$4.95

PRI: 115 v. 60 CYC
SEC: 150V. 550 MA
150V. 2.0 AMF
5.0V 5.0 " "
6 1/2 x 6 1/2 x 4 1/2; 28 LBS.
5950-481-3482
\$6.95

PRI: 117.5v 60CYC
SEC: 525VCT 125 MA.
6.3V 6.3 A
5.0V 2.0 A.
4x5x5; 15 LBS.
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PRI: 115 v. 60 CYC
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150V. 2.0 AMF

ANTENNAS

MP-22 MAST SECTION MOUNTING BASE WITH SWIVEL THAT WILL TIP TO 90 DEGREES, RIGHT OR LEFT AND WILL LOCK IN THE VERTICAL POSITION. WILL TAKE MS-53 OR MS-54 MASTS AS THE STARTING SECTION. MOUNTING PLATE SIZE: 5x6 HEIGHT OF BASE 10". WT: 10LBS. \$4.95

MP-22A SAME AS ABOVE EXCEPT THE STARTING SECTION IS MS-51 AND YOU CAN ADD MS-50 & MS-49. \$4.75

MAST SECTIONS (SHOWN TO LEFT) 3 FT. TUBULAR STEEL COPPER COATED AND PAINTED. SECTIONS SCREW TOGETHER TO MAKE DESIRED LENGTH W/MS-49 AS TOP, THEN MS-50, 51, 52 & 53. MS-53 CAN BE SCREWED INTO EACH OTHER TO MAKE ADDITIONAL LENGTH, THEN SINGLE MS-54 & MS-55 & MS-56. MS-56 DOES NOT HAVE THREADS AT BOTTOM. SELF SUPPORT TO ONLY ABOUT 15 FT. ALL SECTIONS ARE IN GOOD USEABLE CONDITION AND MAY NEED PAINT MS-49, MS-50, MS-51, MS-52 EACH SEC. \$.50 MS-54, MS-55, MS-56 " " \$1.00 SECTIONS TAPER 5/8 TO 3/16, AV. WT: 1 LB. BG-56 CANVAS BAG, 5 COMPARTMENTS FOR 10 OR MORE SECTIONS. \$3.00

MP-48 MAST BASE WITH COIL SPRING FOR USE W/MS-49 TO 54 MAST SEC. LISTED TO LEFT. HEAVY DUTY 16"x3" DIA REQ. 2 1/2" HOLE MTG. HOLE (c MP-50 BELOW) \$10

MP-57 MAST BASE WITH COIL SPRING & LARGE INS. FOR USE W/MS-49 TO 54 MAST SEC. LISTED TO LEFT, 1 1/2"x4 1/2" IN. INSULATOR, REQ. 2 1/2" HOLE MTG. (c MP-50) \$10

MP-50 BRACKET; MAST BASE USE, MP-48, MP-57 AB-15 ETC TWO SIDED MTG. FOR MAST BASES SIZE 5x5x8; 5LBS \$5



MP-73 GROUND PLANE MOUNTING BASE DESIGNED TO BE USED WITH MAST SECTIONS AB-21, 22, MS-116, 117 THAT SCREW TOGETHER TO MAKE DESIRED LENGTH FOR FREQ. REQUIRED. HAS SO-239 COAX. RECEPTACLE AND PROVISIONS FOR MOUNTING TO POLE TREE OR CORNER OF BUILDING. THE MOUNTING HOLES FOR THE VERTICAL ANT. AND THE RADIALS ARE 5/16" DIAMETER. SIZE: 10x15x6; WT: 10 LBS. PRICE: NEW \$9.95

AB-21, 22 OR MS-116, 117 MAST SECTIONS ARE AVAILABLE NOWHERE ELSE SHOWN ON THIS PAGE WILL FIT BUT WILL HAVE TO BE FASTENED IN WITH BOLTS AND NUTS TO MAKE A GOOD CONNECTION. THE SAME GOES FOR AN-109 WHIP ANT.

AN-109 WHIP ANTENNA 5 FT. TAPERED 1/4 TO 1/8 W/3" SQ. BASE. \$1.50 EA. 4 FOR \$5.
AN-119 WHIP ANTENNA 6 FT. TAPERED 1/2 TO 1/8 THREAD 1/2"x20 \$1.50 EA. 4 FOR \$5.
AN-130 WHIP GOOSENECK 30" SCREW BASE FITS BC-1000, PRC ETC. \$1.50 EA. 4 FOR \$5.
AT-272 GOOSENECK BASE 8" USED WITH FLAT ANT. ON PRC SETS. \$1.50 EA.
AT-272 FLAT ANTENNA 30" USED WITH ABOVE BASE FOR PRC SETS. \$1.50 EA.

MP-74 GOOSENECK BASE FOR MAST SECTION AB-23 OR MS-118, 14" LG. WITH SPADE TYPE BRACKET FOR SIDE MOUNTING. \$1.50 4/\$5.
M-422 ADAPTER FOR USING MS-116-117-118 OR AB-21-22-23-24 MAST SECTIONS WITH BC-1000 & PRC SERIES SETS IN THE LONG ANTENNA RECEPTACLE, 7 1/2" LG. \$1.50 EA 4/\$5.

FIBERGLASS WHIP ANT. 82" LG. FOR 27 TO 39 MHZ 1" SC. BOTTOM. (NOT AVAILABLE) #9735 \$5.00
UPM-1 DIPOLE ANTENNA FOR USE IN THE 155 TO 235 AND 460-570 MHZ BANDS. BASE STANDS 21" HIGH FOR FLAT MOUNTING ALSO HAS ADJUSTABLE BRACKET FOR POLE MOUNTING.
AT-50 FOR USE IN LOW BAND \$14.95
AT-51 FOR USE IN HIGH BAND. \$14.95

AT-598 ANTENNA TAPERED 30" LG. WITH CAST BASE AND COAX. RECEPTACLE FOR UG-100 A/U CONNECTOR. \$1.50 EA. 4/\$5.00
MATCHING COAXIAL LINE WITH 2/UG-100A ON 14" OF RG-14 \$3.00

AN-20T ANTENNA TELESCOPING 20" EXTENDED 8 1/2" COLLAPSED. CHROME. 50¢ EA. 5/\$2.00
GQ1-51048 TELESCOPING WHIP ANTENNA, 15" COLLAPSED 7' EXTENDED. \$1.50 4/\$5.

A-62 DUMMY LOAD FOR ANTENNA; USED TO LOAD TRANSMITTERS UP TO 30 WATTS WITHOUT RADIATING FOR USE IN THE FREQUENCY RANGE 21 TO 27.9 MHZ. USED WITH BC-604. SIZE: 3x6; 5LBS. WITH MTG. BRACKET & INSTRUCTIONS. NEW \$4.95

AT-880 DIPOLE ANTENNA WITH CORNER REFLECTORS, FREQUENCY APPROX. 200 TO 300 MHZ. DIPOLE HAS ADJUSTABLE ELEMENTS WHICH EXTEND SPREAD FROM 12" L X 7" W TO 21" L X 15" W. DIPOLE STANDS 14" OFF MTG. BASE. TWO REFLECTORS ARE AT 45° ANGLE TO DIPOLE, 32" HIGH AND 40" ACROSS. FOLDS TO 32x7x30. MOUNTS ONTO 2" DIA. MAST. ALUMINUM. SHPG. WT: 35 LBS. PRICE: UNUSED, \$25.00

RG-14A/U COAXIAL CABLE 51 OHM #10 W/UG-100 & UG-707 10' \$7.50 15' \$10

CG-1013 TRANSMISSION LINE LAUNCHING UNIT WITH HEATING ELEMENT INSIDE. ALUMINUM W/ CONICAL FIBER GLASS SHIELD OVER ELE. COAXIAL CONN. FOR UG-100 PLUG, 33" LG. 8" DIA. 10 LBS. \$5

AB-15 BASE FOR WHIP ANTENNA SECTIONS MS-116-117 118 ALSO AB-21-22-23-24. SPRING ACTION WITH INSULATOR 3 1/2"x3" AND COAXIAL CONNECTOR FOR USE WITH PL-259, REQUIRES 2" HOLE FOR MOUNTING. SIZE 15 X 3 WT: 2 LBS. USED

WHIP ANTENNA MAST SECTIONS FOR USE WITH AB-15 MAST BASE MS-116 LARGEST SECTION 39 3/4" LG. DIA. .393 ONE OR MORE CAN BE USED, MS-117 & 118 FOR TAPER 39 3/4" LG. \$1.50 PER. SEC.

AB-243/G SIDE MTG. FOR AB-15 BASE, WITH 2" MTG. HOLE. SIZE: 10 1/2"x7x4 1/2; WT: 8 LB \$4.95

SOLID COPPER #10 VINYL COVERED ANTENNA WIRE 250 FT. ZMI-4884C \$25

AS-27A/ARN-5 HORIZONTAL FOLDED DIPOLE AS USED WITH RC-103, BC-733, ARN-5 EQUIP. ON AIR PLANES. 108-110 MC \$9.95
AT-2/APN-2 DIPOLE ANTENNA 150-180 MC 2.95
AN-104A STUB ANTENNA F/SCR-522 100-156 MC 1.95

MS-44 MAST SECTION, ALUMINUM, 5' LG. 1-5/8" DIA. ONE END IS SMALLER SO IT SLIPS IN TO 1-5/8" TO MAKE REQ. LENGTH. \$3.95
MX-384 INSULATOR FITS OVER JUNCTION OF MS-44 M.S ABOVE. 3 LBS. \$2.95

AB-154 BASE WITH SWIVEL STAKE THAT MAST SEC. MS-44 OR MX-384 INS. SLIPS INTO. \$1.95
MX-857 ADAPTER FITS TOP OF MS-44 SO THAT MS-116-117-118 WHIPS CAN BE USED \$1.95
MX-GUY ROPES ARE 3/16" NYLON, 800 LB. TEST, W/ADJUSTMENT HARD. INSULATOR & HOOK.
MX-382 GUY 31 FT. WITH ATTACHMENTS \$1.00
MX-381 " 40 " " " \$1.25
MX-383 " 50 " " " \$1.50
MX-378 GUY RING FOR FASTENING GUYS AND IS USED BETWEEN THE MAST SECTIONS \$0.50

GRA-4 STAKE FOR GUYS, STEEL 18" 1 1/2"x1 1/2" ANGLE WITH FASTENER. 2 LBS. \$.75

AS-813/TRC-47 GROUND PLANE TYPE CORNER REFLECTOR FOR USE IN THE 132 TO 150 MHZ BAND, 50 OHM IMPEDANCE. TRIANGULAR ALUMINUM FRAME AND 5" EXPANDED ALUMINUM BASE. TWO SIDE 65" OTHER 89", 16 VERTICAL RODS, 16 VERT. RODS SCREW INTO FRAME AND RADIATING STUB INTO CENTER AND IS ADJUSTABLE 17 TO 21 1/2", MOUNTING BRACKET FOR POLE OR MAST. SHPG. WT. 55 LBS. MOTOR FREIGHT ONLY. PRICE: \$15.00

AS-125/APR ANTENNA FOR USE WITH RECEIVERS IN THE 1000 TO 6000 MHZ RANGE. HAS 6" MOUNTING RING WITH HARDWARE AND UG-22 COAXIAL RECEPTACLE. SIZE: 6x8; 4 LBS. NEW \$4.95
UG-21 COAX. CONN. TO FIT 50¢ AS-69/APT ANTENNA FOR 535 TO 700 MHZ. RANGE. HAS 2 CROSS DIPOLES BEN'D DOWN FOR 1/2 WAVE TRANS. AND PHASING. SIZE: 9 1/2"x8; WT: 8LB. TAKES UG-21 \$7.95

DIA 34" MICROWAVE ANTENNA & 20' MAST FOR USE IN THE 4400-5000 MC BAND. PARABOLIC REFLECTOR MADE IN SECTIONS OF ALUMINUM SCREEN IMPREGNATED WITH FIBERGLASS, THE DUPLIXING HORN RECEIVES & TRANSMITS SIMULTANEOUS. THE AZIMUTH AND ELEVATION CAN BE ADJUSTED BY THE GEAR DRIVE MECHANISM. THE 20' ALUMINUM MAST IS SECTIONALIZED AND COMES W/ ALUMINUM CASE WITH NECESSARY BRACKETS, GUYS AND ANT. LEAD WIRE TO MAKE A PORTABLE SYSTEM. OA-1378 GROUP. CASE SIZE 27x17x9.75 LBS.

AT-271/PRC WHIP ANTENNA, 7 SEC. 8 1/2" FT. THRU-OUT TYPE USED \$4.95
LM-21AM LOOP ANTENNA FOR ARN-7 COMPASS SYSTEM 200 TO 1500 KC USED \$25
AS-578/ARA ANTENNA FOR ARC-27, 34, 55 DIRECTION FINDER USED \$25.

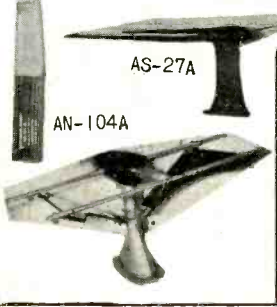
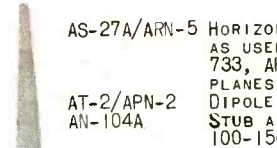
AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS THAT TUNES FROM 200 TO 1750 KC OPERATES FROM 26 VOLT 400 CYCLE SIZE: 10x11x5; WT: 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95

COMPARATOR

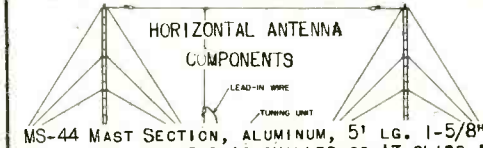
QM-167/U SIGNAL COMPARATOR MIXES TWO FREQUENCIES AND DELIVERS AN OUTPUT PROPORTIONATE TO THE DIFFERENCE OF THE TWO SIGNALS. WHEN USED WITH A STRIP CHART RECORDER IT WILL COMPARE 2 ALMOST EQUAL FREQ. STANDARDS WHOSE FREQ. ARE EITHER 100 KC OR 1 MC. THIS WILL BE RECORDED AS A SINE WAVE. USES 4 IN281 DIODES IN A FULL BRIDGE CIRCUIT ALONG WITH RESISTORS, CONDENSORS, TRANSFORMERS, ETC. INPUT IMPEDANCE 50-5000 OHMS. INPUT COAX. CONN. BCN. SIZE: 5 1/2"x3 1/2"x3 1/2; WT: 4 LBS. NEW \$4.95

CJ-128F/U ANTENNA COUPLING UNIT, DESIGNED TO PROVIDE EFFICIENT SIGNAL TRANSFER BETWEEN ANTENNA TRANSMISSION LINES OF DIFFERENT IMPEDANCE, FREQ. RANGE 4 TO 20 MHZ. INPUT IMPEDANCE 200/250/700 OHMS OUTPUT 70 OHM WATERPROOF METAL BOX WITH MTS. & MANUAL SIZE: 8x4 1/2"x7 1/2; SHPG. 15LBS. NEW \$4.95

NEON LIGHTING ARRESTOR HI-POWER 4 for \$1
UG-1024 INSULATOR F/1" TYPE ANTENNA, COAX. FITTING FOR UG-88, 3 1/2"x2x1 \$2.95
ANTENNA WIRE PHOSPHOR BRONZE #16, 20 FT. LG. W/2 SNAPS AND SLIDE. 85¢ EA. AN-22 2/\$1.50



AT-911 ANT USD-1 ENNA
REFLECTOR 4" DEEP, UG-570/U 18 FOOT SECTIONS ALUMINUM WITH RADIO 14" DIAMETER RADIATOR 7" COAX. RECEPT MAST IN SIX 1 1/2" DIAMETER TUBING, USED PLANE. 10 LB PRICE: \$9.95



CABLES

NEW COAXIAL CABLE

NEW MANUFACTURE AND BRANDED WITH STANDARD TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-BETWEEN LENGTHS USE THE HIGHER PRICE. LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

COAX.	RG-NO	OHMS	100 FEET	500 FEET	1000 FEET	5000 FEET
RG-8/U	52	.18	.16	.16	.16	.15
RG-11/U	75	.16	.14	.14	.14	.14
RG-58/U	53.5	.08	.06	.05	.04	.04
RG-59/U	73	.08	.06	.05	.04	.04
RG-62/U	93	.08	.06	.06	.06	.06

NEW COAXIAL CONNECTORS

SO-239	PL-259	M-359	PL-258 JUNCTION
59¢ EA.	59¢ EA.	69¢ EA.	\$1.25 EA.
10 OR MORE	10 OR MORE	10 OR MORE	10 OR MORE
55¢ EA.	55¢ EA.	60¢ EA.	\$1.10 EA.

COAX CONNECTORS

UG-18	NEW	\$1.00	UG-710	NEW	\$3.00
UG-21	USED	.75	UG-909	NEW	1.00
UG-21	NEW	1.25	UG-911	NEW	1.25
UG-22	USED	.75	UG-913	NEW	2.00
UG-27	USED	1.25	UG-914	NEW	1.00
UG-27	NEW	2.00	UG-924	NEW	3.00
UG-29	USED	1.00	UG-940	NEW	2.00
UG-29	NEW	1.50	UG-943	NEW	3.00
UG-30	NEW	1.50	UG-968	NEW	4.00
UG-36	NEW	6.00	UG-971	NEW	4.00
UG-58	USED	.75	UG-997	NEW	4.00
UG-88	USED	.39	UG-1090	USED	1.50
UG-100	USED	.75	UG-1185	NEW	2.00
UG-100 PANEL	"	.75	UG-629	NEW	2.50
UG-109	USED	1.00	UG-1213	NEW	2.00
UG/DA-113	NEW	5.00	2176	NEW	3.00
UG-160	USED	1.50	C2365-3	NEW	1.50
UG-180	USED	3.00	3649-1	NEW	1.50
UG-181	USED	3.00	6006	NEW	1.00
UG-201	NEW	2.00	6137	NEW	1.50
UG-212	NEW	3.00	6177	NEW	1.50
UG-255	USED	1.50	6955	NEW	1.50
UG-260	NEW	.75	8270-1	NEW	3.00
UG-261	NEW	1.00	8842	USED	1.00
UG-273	NEW	1.50	8576	USED	1.00
UG-274	NEW	2.00	9113	NEW	1.50
UG-282	USED	1.25	9192	NEW	1.50
UG-282	NEW	2.00	9196	NEW	4.00
UG-290	USED	.50	9192	USED	1.50
UG-291	NEW	1.00	10442	NEW	1.50
UG-306	USED	2.00	10651	NEW	1.50
UG-349	USED	2.00	15601	NEW	1.50
UG-491	NEW	2.00	30231-1	NEW	1.50
UG-535	USED	1.25	30232-1	NEW	1.50
UG-536	NEW	2.00	95712-30369	"	2.00
UG-560	NEW	2.00	18-30-1AS3	"	3.00
UG-573	NEW	2.00	83-877-1050	"	1.50
UG-603	NEW	2.00	10H528	NEW	1.00
UG-636	NEW	2.00	10H702	NEW	1.00
UG-701	NEW	2.50	10H1366	NEW	1.00



COAXIAL CABLE ASSY. REMOVED FROM TEST SETS AND EQUIPMENT. ALL GUARANTEED TO BE USEABLE.

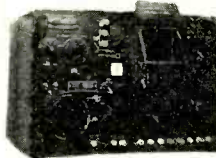
RG-58/U	UG-88	TO UG-88	RG-58/U	UG-88	TO UG-188	6 FT.	\$1.75
8"	\$.75	29"	\$1.25				
17"	1.00	68"	1.50	RG-58/U	UG-88	TO "N"	
18"	1.05	25'	2.50	TYPE UG-23	5'	\$1.75	

RG-11/U	UG-21	TO UG-21	RG-55	53.5 OHMS	UG-536	EA. END 8 1/4"	\$2.00
75 OHM	36"	\$1.50					

RG-8/U	PL-259	TO PL-259	RG-21	53 OHMS	UG-630	TO UG-626	37'	\$4.50
	8 FT.	\$1.50						

RG-55/U	53.5 OHMS	.216	OD. 250 FT.	W/UG-88	CONN. EA. END. ON TEST SPOOL, 12 LB.	\$15.00
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RG-26/U	48 OHM	30 FT.	W/2-UG-34	CONN.	\$4.95
RG-22/U	95 OHM	50 FT.	W/1-PL-284	"	3.50



TS-239 OSCILLOSCOPE
GENERAL PURPOSE INSTRUMENT FOR TESTING RADAR & COMMUNICATION EQUIPMENT. DISPLAYS A LUMINOUS PLOT OF TIME-VARYING VOLTAGE PULSE OR WAVE ON A 3" CRT TUBE. SINE WAVE OF 10 CYC TO 5 MC ARE SERVEABLE.

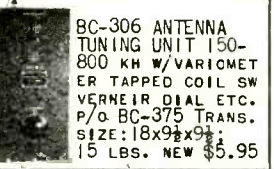
INPUT IMP. 300M OHMS W/30 MMFD CAP. SIGNAL INPUT SCOPE ONLY .1 TO 100 VOLTS PEAK. OUTPUT TRIGGER PULSE + 25 V. 4 MICROSEC. DUR FREQ. RANGE 1 CYC TO 3 MC. PULSE DISPLAY .2 TO 5M MISCSEC. INTERNAL SQUARE WAVE 150 CYC PER-SEC. ADJ. .1 TO 1 VOLT. ALSO 75 VOLT SQ. WAVE. SENSITIVITY .1 VOLT PRODUCES STAND. DEFLECTION W/MAX. AMPLIFICATION. CONTROLS & CONN. ON FRONT PANEL. SIX STEP MULTIPLIER EXTENDS RANGE 300 TIMES. SWEEP ADJ. .1 TO 50M MICROSEC. POSITIVE OR NEGATIVE POLARITY. WITH USE OF PROBE INPUT IMP. MAY BE INCREASED TEN TIMES WITH LOSS OF SENS. AND INCREASE IN VOLTSGE TO 450. WITH TUBES 3/6AK5, 2/6AG7, 2/6C4, 8/7F8 1/6AL5, 2/6SN7, 1/VR-105, 2/6X5, 1/5R4 & 1/3JPI SIZE: 21 1/2x16x13 1/2. WT: 75 LBS.

PRICE: USED REPARABLE \$45.00 CHECKED \$59.50



OS-29/UPM-4A
PRECISION SYNCHROSCOPE EMPLOYING A THREE INCH CATHODE RAY TUBE. THE SWEEP OF THE CRT CAN BE TRIGGER EXTERNALLY OR INTERNALLY AND CAN BE DELAYED WITH EITHER TRIGGER. THE SWEEP DURATION AND, WHEN INTERNALLY TRIGGERED, THE SWEEP FREQ. CAN BE CONTROLLED. THE INPUT SENSITIVITY OF THE VIDEO AMPLIFIER CAN BE VARIED IN SIX STEPS FROM 0.2-20 VOLTS PER INCH OF VERTICAL DEFLECTION. THE UNIT CONTAINS HIGH VOLTAGE POWER SUPPLY, BUT REQUIRES THE FOLLOWING VOLTAGES FOR OPERATION 300V, -27V, 425, 105V. NORMALLY SUPPLIED BY POWER SUPPLY PP-802/UPM-4A, NOT AVAILABLE. SIZE: 22x19x10. WT: 50 LBS.

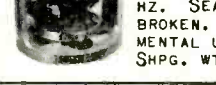
RENEW- \$34.95.....USED- \$22.95



BC-306 ANTENNA TUNING UNIT 150-800 KH W/VARIOMETER TAPPED COIL SW VERNEIR DIAL ETC. P/O BC-375 TRANS. SIZE: 18x9 1/2x9 1/2 15 LBS. NEW \$5.95

WILCOX L-10 PN/42077

VARIABLE INDUCTOR 2 TO 26 MHZ, 14 TURNS 1/2 IN. SILVER PLATED TUBING, 5 1/2" COIL TAPPED @ TURNS 2, 3, 4, 7, 9, 11. SILVER PLATED RIBBON COND. ARE VAR. THRU. THE COIL, 1/4x1 1/2" SHAFT. SIZE: 13x7x7 1/2; 10 LBS. 5950-092-1126 \$25.00



DISPLACEMENT GYROSCOPE, LEAR PART #83468-01. DESIGNED TO CONTROL ROLL AND PITCH IN AIRCRAFT. HAS SIX TERMINALS AND TWO 10-PIN CONNECTORS. REQUIRES 115 V. 400 HZ. SEAL ON CONTAINERS HAVE BEEN BROKEN. RECOMMENDED FOR EXPERIMENTAL USE ONLY. SIZE: 6x4 1/2" DIA SHPG. WT: 7 LBS. USED, \$9.95



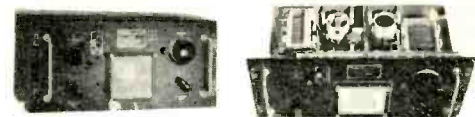
MT-314/MPG-1 INDICATOR TUBE MOUNT FOR 7BP7 C.R. ELECTRIC FOCUSING WITH DIEHL CONTROL MOTOR FPE-25 75 V 60 CYC 2 PH AND A.C. SELSYN 115 V. 60 CYC. TYPE XV #78386, CAST ALUM INUM HOUSING & TUBE SOCKET FOR 7BP7 CATHODE RAY TUBE, FACE 1 1/2" SQ. X 1 1/2" DEEP, WT: 35 LBS. PRICE: LESS 7BP7 C.R. TUBE UNUSED \$14.95 WITH 7BP7 C.R. TUBE \$24.95

AMPLIFIER CONVERTER



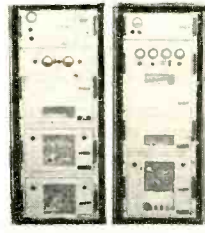
AM-1955/GRC AMPLIFIER CONVERTER COVERS FREQ RANGE 600 TO 1000 MHZ. IF SEEMS TO BE ABOUT 20 MHZ. A 115V 60HZ MOTOR IS PART OF AFC SYSTEM. POWER REQUIRED 150 VDC AND 6.3 VAC. TUBES 2C40A, 2/5842, 5654, 1N21B, 1N21WE, SIZE 15x9 1/2x8 SHPG WT: 30 LBS. USED EXCELLENT CONDITION \$50.00

PARTS BONNAZA



PLUG-IN TUNING UNITS USED WITH BC-191/BC-375 TRANSMITTERS. FOR LIST OF PARTS THAT ARE IN EACH UNIT LOOK IN OUR PREVIOUS CATALOGS OR SEND FOR LIST. SIZE: 17x9x7 1/2. WT. 15 LBS.
TU-7B 4500 KH -6200 KH USED \$4.95 NEW \$5.95
TU-8B 6200 " -7700 " " 4.95 " 5.95
TU-9B 7700 " -10000 " " 4.95 " 5.95
TU-10B 10M " -12500 " " 4.95 " 5.95
BC-306 ANTENNA TUNING UNIT FOR USE IN THE 150-800 KH RANGE. USED \$4.95 NEW \$5.95
NOTE: IF USED UNITS ARE NOT AVAILABLE WE WILL SHIP NEW AT THE NEW PRICE OR VICE VERSA.

TRC-29 MICROWAVE TRANSMITTER-RECEIVER



AN/TRC-29 RADIO RELAY SET. INCLUDES T-303A TRANSMITTER AND R-418A RECEIVER IN THE 1700 TO 2400 MHZ RANGE WITH 27 PRESET CHANNELS; T-389A ORDER-WIRE TRANS. AND R-543A ORDER-WIRE REC. ON A 6 MHZ FM CARRIER FREQUENCY; AND PP-690, -689, & -764 POWER SUPPLIES. TRC-29 IS DESIGNED TO PROVIDE COMMUNICATION TRUNK SERVICE OVER AS MANY AS 20 TANDEM HOPS WITH 30 MILES LINE-OF-SIGHT BETWEEN REPEATER STATIONS. UNIT USED IN PPM, PCM, FREQ. DIVISION MULTIPLEX, TELEVISION, OR SWITCHOVER RELAY SYSTEMS. T-303A EMPLOYS A SRL-7 KLYSTRON OSCILLATOR (NOT AVAILABLE) FOLLOWED BY A 2C39A TRIODE 10 WATT AMPLIFIER R-418A HAS A 6BM6 KLYSTRON OSCILLATOR, AFC, AND AGC. ANTENNA INPUT-OUTPUT IMPED. 50 OHM WITH TUBES 13 IN R-453A, 29 (R-418A), 18 (PP-690), 16 (PP-689), 12 (T-389A), 37 (LESS SRL-7 IN T-303A), AND 11 (PP-764). POWER REQUIRED: 115/230 VAC 50/60 HZ 2500 WATTS. SIZE: 62x29x29 FOR TRANSMITTER AND RECEIVER SECTIONS EACH. TOTAL WT: 1051 LBS. PRICE: TRC-29, UNUSED LESS SRL-7 \$395.00

TRC-29 IS DESIGNED TO PROVIDE COMMUNICATION TRUNK SERVICE OVER AS MANY AS 20 TANDEM HOPS WITH 30 MILES LINE-OF-SIGHT BETWEEN REPEATER STATIONS. UNIT USED IN PPM, PCM, FREQ. DIVISION MULTIPLEX, TELEVISION, OR SWITCHOVER RELAY SYSTEMS. T-303A EMPLOYS A SRL-7 KLYSTRON OSCILLATOR (NOT AVAILABLE) FOLLOWED BY A 2C39A TRIODE 10 WATT AMPLIFIER R-418A HAS A 6BM6 KLYSTRON OSCILLATOR, AFC, AND AGC. ANTENNA INPUT-OUTPUT IMPED. 50 OHM WITH TUBES 13 IN R-453A, 29 (R-418A), 18 (PP-690), 16 (PP-689), 12 (T-389A), 37 (LESS SRL-7 IN T-303A), AND 11 (PP-764). POWER REQUIRED: 115/230 VAC 50/60 HZ 2500 WATTS. SIZE: 62x29x29 FOR TRANSMITTER AND RECEIVER SECTIONS EACH. TOTAL WT: 1051 LBS. PRICE: TRC-29, UNUSED LESS SRL-7 \$395.00

400 WATT TRANSMITTER



TCK-4 400 WATT TRANSMITTER; 2.0 TO 18.0 MHZ IN SIX BANDS. OUTPUT: 400 WATTS CW; 100 WATTS PHONE. 100 KHZ CRYSTAL CALIBRATOR; VFO CONTROL ON 1 KHZ DIVISION DIAL. RF STAGES ARE GANG TUNED WITH DIGIT COUNTERS. WITH SIX 3 1/2" METERS FOR MONITORING VOLTAGES AND CURRENTS. ALSO OVERLOAD RELAYS, CIRCUIT BREAKERS, AND OTHER CONTROLS. WITH TUBES 2/813 (POWER AMP), 837 (DRIVER), 837 (VFO), 807 (AUDIO), 6SK7 (CALIBRATOR) 6SK7, 6SL7, 6SU7, 6SN7, 6SQ7. POWER REQUIRED: 110 VAC 60 HZ (FILAMENTATIONS). ALSO 1800 VDC @ 400 MA, 500 VDC @ 350 MA, 12 VDC @ 2 AMPS, AND 230 VDC. SIZE: 52x25x18 WT: 285 LBS. SHPG. WT: 470 PRICE: RECONDITIONED \$125.

RECEIVER-TRANSMITTER

RT-294A/ARC-44 RECEIVER-TRANS



MITTER DESIGNED FOR AIRCRAFT USE IN THE FREQ. RANGE DF 24.0 TO 51.9 MHZ F.M. VOICE IN 280 PRE-SET CHANNELS. TRANSMITTER IS APPROX. 8 W. OUTPUT, 52 OHM LOAD, AIR TO GND. RANGE APPROX. 50 MILES. REC. AUDIO OUTPUT APPROX. 50 MW. ACROSS 150 OHM. 600 OHM HEADSET. MAY ALSO BE USED AS HOMING DEVICE FOR KEYS UNMODULATED OR CW SIGNALS. POWER REC. 27.5 VDC 3 A. 150 VDC @ 85 MA, 300 VDC @ 125 MA, 27 V. 400 CYC. FOR BLOWER WITH TUBES 9/5840, 7/57 18, 4/5829, 3/5636, 2/5763, 1/5647, 1/5902, 1/6112 & 1/6BF7. SIZE: 7 1/2x14x5 1/2; WT: 17 LBS. PRICE: USED, \$19.95

G-25A HAND TYPE MAGNETO GENERATOR USED TO RING TELEPHONE LINES; APPROX. OUTPUT 100 VOLTS. CAN BE USED AS SHOCK MACHINE, LIGHT SMALL LAMPS OR DRIVE WORMS OUT OF THE GROUND. PERMANENT MAGNETS. 4x2x2 DIA; 1 1/2 LB. U. \$2.95.



DC AIRCRAFT MOTOR; GE#5BA-50LJ29, 0.4 HP, 3000 RPM. ARMATURE; 60V. @ 2.3 AMPS FIELD; 27 VOLTS @ 6.5 AMPS DUTY; 10 MIN. @ FULL RATING. SHAFT IS CORKSCREWING. SHAFT IS CORKSCREWING. TYPE 5/8 INCH DIA. FLANGE MTG. 3 1/2 CNTS. \$4.95

SM-30-FR MOTOR, 115 VOLT 60 HZ 1/75 HP, 1-PHASE. 1750 RPM; 5/16 INCH DIA. SHAFT WITH FLY WHEEL THAT CAN BE REMOVED. SIZE: 5 1/2x4 1/2x4 WT: 5 LBS. \$2.95

JOHN OSTER TYPE C-24A-1B KS-5829 27 VDC, 0.01 HP 7000 RPM. SERIES MOTOR. SIZE: 3x2 DIA. SHAFT 1 1/2 DIA. WT: 1 LB. UNUSED \$1.25

GE#5PR56HCM 110 V. 2.3 A. 8000 RPM. INT. 1/10 H.P. 50/60 CYC. REV. SIZE 3 1/2x5, SHAFT 3/16x1 STK.#3H3000B2 5 LBS. N.\$12.95

DICTAPHONE #7CB-2P; 115 V. 60 C 1/60 RPM. 1740 RPM, SIZE 3x3, SHAFT EA. END 1/8x3, 2LB.N \$9.95

ART-13 MOTOR, 28 VDC. .05 HP @ 3900 RPM. REVERSIBLE; BALL BEARING. MOTOR WILL OPERATE ON 12 VDC. SIZE: 4 1/2x3 1/2" DIA. WT: 1 1/2 LB. PRICE: GOVT RECONDITIONED \$2.95

DELCO MOTOR A7155 27.5 VDC 2.4 AMP. 1/30 HP 3600 RPM. SIZE: 5 1/2x2 1/2 DIA. SHAFT 1 1/2 DIA. WT: 1 1/2 LB. UNUSED \$2.95

TG-10 KEYER MOTOR, 115V. 60 HZ. 1550 RPM WITH 1-7/8" SHAFT GEARED TO 80 RPM. REMOVED FROM TG-10 EQUIPMENT. SIZE: 3 1/2x3 1/2x4 1/2 WT: 3 LBS. #3H3000-3 Used \$2.95

ELECTROLUX MOTOR 28.5 VDC 1.8 AMPS. 1/35 HP 220 RPM. SHAFT SIZE: 1 1/2x2 1/2 DIA. MOTOR SIZE: 4 1/2x3 1/2 DIA. WT: 5 LBS. USED \$3.95

WESTINGHOUSE BUSINESS MACHINE MOTOR, 0.025 HP. 115V. 50/60 HZ @ 1.2/1.0 AMPS. TO BE USED WITH 4 OR 3 MFD. CAPACITOR FOR 1425 OR 1725 RPM. SIZE: 4 1/2x4 1/2; WT: 5 LBS. SHAFT 5/16x3 FLATTENED FOR RUBBER SHOCK MTG. BRACKET. NEW \$4.95

TELETYPE MOTOR AC; 110 VOLT 60 HZ. SINGLE PHASE, NON-SYNCHRONOUS. 0.04 HP, 1800 RPM, 1.25 AMP. DOUBLE SHAFT 1 1/2x3/16 AND 5/8x3/16 MOTOR SIZE: 5 1/2x5 1/2 WT: 13 LBS. GE#28478 Used \$4.95

RECORDER MOTOR, 115 V. 60 CYCLE CAP. REQ. 4 MFD. INT. DUTY. 900 & 1800 RPM. 3.5/2.5 HP OZ. 1N. MOTOR MOUNTED ON IN CLINE BASE THAT CAN BE REMOVED FOR FLAT MOUNT. 1/2" SHAFT AVAILABLE WITH OR WITHOUT CONE. MOTOR SIZE 4 1/2x3 1/2. REVERSIBLE DUAL SPEED. #HBC-2918-2N; 6 LBS. PRICES: WITH CONE \$5.95 LESS CONE \$4.95

HEINZ 1160039-C57; 115 V. 60 CYC. .7 A. 3500 RPM MO. SIZE 3x3 1/2, SHAFT 1 1/2x3; 3 LB. CONT. N.\$6.95

EAD/WE KS-5718; 115 V. .27 A. 50/60 CYC. CAP. REQ. 4 MFD. DUAL SPEED 2750/3300 RPM. MO SIZE 3 1/2x3, 4 LBS. SHAFT 5/16x1, 1/50 HP. N.\$14.95

WE KS-5871-LOI MOTOR, 28.8 VDC @ 3.3 A. 5600 RPM. 0.04 HP SERIES WOUND. CONTINUOUS DUTY; REVERSIBLE. WITH SPEED GOVERNOR. (MAY ALSO OPERATE AT 12 VDC AT REDUCED SPEED. SHAFT 1 1/2x2 1/2, OVERALL SIZE: 6 1/2x3 1/2 DIA. SHPG. WT: 7 LBS. USED \$7.95

MERCURY MOTOR 24 TO 28 VOLT DC 60 HZ. OPEN FRAME TYPE, APPROX. 2500 TO 3000 RPM DEPENDING ON THE OPERATING VOLTAGE AND LOAD. SIZE: 2 1/2x2 1/2x3 WT: 1 LB. #MER-MO2428 Used 75¢

OPEN FRAME MOTOR, 115V. 60 HZ. 500 RPM ONE DIRECTION, 1000 RPM THE OTHER. SHAFT 1/2x1/16" DIA. RPM: 2x3x4 WT: 2 LBS. #B308 \$1.00

EMC TYPE 300, 45V. 60 HZ. 6.5 RPM. LIGHT OPEN FRAME 5x2 1/2x1 1/2, SHAFT: 1x3/16" DIA. WT: 1 LB. \$1.50.

GEARHEAD MOTOR, 115V. 60 HZ; 54 RPM, OPEN FRAME FOR MEDIUM USE. SHAFT 1/2x5/16" DIA. SIZE: 4x3x2 1/2 WT: 2 LB #M203 UNUSED \$2.95

GEARHEAD MOTOR, 115V. 60 HZ. 3.44 RPM. OPEN FRAME TYPE FOR LIGHT USE. SHAFT 4x5/16" DIA. MOTOR SIZE: 6x2x3 WT: 2 LBS. #ZA-1056 \$1.95

ARN-6 BANDSWITCH GEAR AND MOTOR ASSEMBLY, 28 VDC. BENDIX M-4A MOTOR. ASSY. SIZE: 1 1/2x2 1/2x3; MOTOR SIZE: 1 1/2x2 1/2x1 1/2 WT: 3 LBS. \$2.95

B-701/R-107 MOTOR FROM AS-313/ARN-6 LOOP ANTENNA. OPERATES FROM 26 VOLT 400 HZ @ 2750 RPM. WILL OPERATE FROM 12 VDC 60 HZ. SIZE: 3x2 1/2x3 WITH 3/8" GEAR. WT: 2 LB. PRICE: USED \$3.95

DELCO PM MOTOR #5069466, 27.5 VDC, 10,000 RPM. IN ALUMINUM CASE GEARED TO WORM GEAR. WORM GEAR 2000 RPM. MOTOR SIZE: 1 1/2x1 1/2x2 1/2; CASE SIZE: 2 1/2x2 1/2x2 WT: 2 LBS. #3H3100A-1 \$3.95

DELCO PM MOTOR 5067125, 27.5 VDC, 10,000 RPM. TWO GOVERNORS, TAPERED SHAFT 3/16x1/16" DIA. MOTOR SIZE: 3x1x1 WT: 5 LBS. \$3.95

PM MOTOR ASSEMBLY & GEAR TRAIN USED IN R-44 RECEIVER FOR REMOTE TUNING. CONTAINS DELCO PM MOTOR #5069370, 10,000 RPM, AND IS GEARED TO TWO SHAFTS WITH A 3" AND 1/2" GEAR WHICH TURN AT 40 AND 80 RPM. ASSY. SIZE: 4 1/2x6x3, SHAFT 1 1/2x2 1/2 DIA. WT: 3 1/2 LBS. #3H3100-15 \$4.95

WICKERS AR-10007G 115 VOLT 50/60 CYCLE SELENOID OPERATED AIR VALVE ONE INCH ACTUATES TUBE PLUNGER 1" STROKE. USED SIZE: 6x4 1/2x2 1/2; 5 LBS. \$18.00

REDMOND BLOWER MOTOR: 24 VOLT DC 6000 RPM MOTOR .95 AMPS. OVERALL SIZE 4 1/2x3 1/2x3 1/2; WT: 2 LBS. #451-1085 UNUSED \$4.95

JOHN OSTER 10 CFM BLOWER WITH MOTOR C2BP-1A. 27.5 VDC 0.01 HP, 6000 RPM. SIZE: 3 1/2x3 1/2x4 1/2 WT: 4 LBS. USED \$3.95

28 VDC BLOWER, 6200 RPM WITH THE OPTION OF EITHER A SHUNT MOTOR TYPE OR PM MOTOR. SIZE: 3 1/2x3 SHPG. WT: 4 LBS. BLOWER WITH SHUNT MOTOR \$3.95 BLOWER WITH PM MOTOR \$6.95

12/24 VOLT DC DUAL BLOWER, APPROX. 50 CFM, 1500 RPM @ 12 VDC; 100 CFM, 3000 RPM @ 24 VDC. SIZE: 10x5x5 WT: 7 LBS. USED \$3.95

LOW SPEED MOTOR, 230 V. 60 HZ, 10 RPM WITH GEARBOX. SHAFT 1/2x2 1/2 DIA. MOTOR SIZE: 2 1/2x2 1/2x4, WT: 2 LBS. USED \$1.95

PHONOGRAPH MOTOR, 80 VDC 60 HZ. 78 RPM. WILL ALSO OPERATE ON 115V. WITH RESISTOR. ON MOUNTING PLATE. SIZE: 3x3x3 WT: 2 LBS. Used 59¢

AY-201 SYNCHRO CONTROL TRANSFORMER, ROTOR 1 PHASE 26 V., STATOR 11.8 V. 400 CYCLE. SIZE: 1 1/2x1 1/2; SHAFT 1/16x2. VARIOUS MANUFACTURE PRICE: REMOVED FROM EQUIP. \$2.95

AY-165 AUTOSYN DIFFERENTIAL, 400 CYCLE, 11.8 V. 3 PHASE ONE TO ONE RATIO. BENDIX & OTHERS. SIZE: 1 1/2x1 1/2. PRICE: REMOVED FROM EQUIP. \$2.95 AY-231 AND AY-232 SAME SPECS. AS ABOVE.

AY-123 AUTOSYN RESOLVERS; 400 CYCLE, ROTOR 2 PHASE 26 VOLT, STATOR 2 PHASE 11.8 VOLT. PRICE:

AY-177-B1 AUTOSYN DIFFERENTIAL 400 CYCLE 3 PHASE 11.8 V. TO 3 PHASE RATIO 1-1 SIZE: 1 1/2x1 1/2; SHAFT 1/2x1/16 PRICE: NEW \$2.95

SYNCHRO GENERATOR SPERRY#R5663642, MFG. BY BENDIX. SIMILAR TO BENDIX AY-401-2, OPERATES FROM 26 VOLTS 400 CYCLE SINGLE PHASE WHEN USED IN CONJUNCTION WITH AY-201 CONTROL TRANS. IT WILL OPERATE UP TO 20 UNITS. SIZE: 2 1/2x2 1/2; WT: 12 OZ. PRICE: NEW \$2.95

SPERRY RAY-248, RCY-250, RBX-251, 662428, 662-426, 652174 AND OTHERS. PRICE: RE-MOVED \$2.95

HUGHES RESOLVER 810229, 810228, 810227 RM \$2.95 KETAY TRANSFORMER K-101300-20 RE-MOVED \$2.95

23CX4 TRANSMIT. 115 V. 400 CYC USED \$ 8.95 23TX4 " " " " " 8.95 23TX6 " " " " " 12.95 23CT4 CON/TRANS. " " " " " 8.95 23RS4A RESOLVER 90/90V " " " " " 8.95 23CT6 TRANSFORMER 90/1V PER. DEG."60CY 8.95

2JIHI SELSYN DIFFERENTIAL GENERATOR NORMALLY OPERATES FROM 57.5/57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 26 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM ON PAGE 31. SIZE: 2 1/2x4 1/2; WT: 8OZ. PRICE WITH CONNECTOR CAPS.....\$3.95

DAYSTROM TRANSCOIL CONTROL MOTOR 115 VOLT 60 CYCLE, 1 PHASE, 2 PHASE 200 VOLT. 3200 RPM. SIZE: 2 1/2x2, SHAFT SIZE: 1/16x2 1/2 WITH GEAR. REMOVED FROM NEW EQUIP. PRICE: \$5.00

GE SELSYN CONTROL TRANSFORMER 57.5/57.5 VOLTS 400 CYCLE. (WILL OPERATE FROM 26 VOLTS 60 CYCLE) SIZE: 2x2; 1 LB. PRICE NEW \$3.95

GM-4 AMMUNITION BOOSTER GEARED MOTOR MOUNTED IN-SIDE FRAME WITH SHAFT & SPROCKETS THAT ARE 3 1/2" DI & 3 1/2" APART. MOTOR DESIGNED FOR 24 V. 400 CYC. 3 PHASE, BUT CAN BE OPERATED FROM 24 V. 60 CYC @ 20 RPM BY USING 4 MFD CAP. USING HIGHER CAP INCREASE SPEED AND TORQUE. STAINLESS STEEL FRAME CAN BE REMOVED EASILY. INST. FURNISHED. SIZE: 7 1/2x2 1/2x5 1/2; 10 LBS. GE#9160256-G4M N. \$5.95

LINEAR ACTUATOR, STAT. 200, TENS. 40, COMP. 40. ARM TRAVEL 5/16". MOTOR 115V. 400 HZ, 1600 RPM. DUTY 1/10, 0.04 HP. TORQUE: 6.7 IN-OZ. SIZE: 5x5x3 1/2 WT: 5 LB. AIRSEARCH#34930 Used \$3.95

LINEAR ACTUATOR, STAT. 200, TENS 75-100, COMP. 75-100. ARM TRAVEL 1/4". MOTOR 115V. 400 HZ., 0.025 HP 6500 RPM. DUTY 1/10, TORQUE: 3.9 IN-OZ. SIZE: 5x8 1/2x4 1/2 WT: 5LB AIRSEARCH#30146-120 Used \$3.95

RATCHET MOTOR, 24 VDC 60 RPM CONTINUOUS. ALSO THREE POSITION STOP. BAND SWITCH ASSEMBLY AS USED IN R-5/ARN-7 COMPASS RECEIVER. UNIT WILL ALSO OPERATE FROM 18 TO 24 VDC. SIZE: 3x4x1 1/2 WT: 2 LBS. #609-ARN-7 \$1.25

GENERAL INDUSTRIES HEAVY DUTY PHONOGRAPH MOTOR, 115 VOLT AC 60 HZ. 33-1/3 RPM. SIZE: 4x4x4 WT: 6 LBS. GI#4483 Used \$1.95

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RECEIVER-TRANSMITTER



AN/GRC-19 RECEIVER-TRANSMITTER SET WITH THE R-392 RECEIVER AND THE T-195 TRANSMITTER DESCRIBED BELOW.

HOWEVER, A COMPLETE SET PRICE FOR THE R-392, T-195, MX-851 BASE, CX-1599 CABLE, BATTERY CABLE IS AVAILABLE. USED, CHECKED RECEIVER, REPARABLE TRANS. \$270.

R-392/URR RADIO RECEIVER, 500 KHZ TO 32 MHZ IN THIRTY-TWO BANDS OF 1 MHZ EACH, EXCEPT 500 KHZ TO 1 MHZ IS 1/2 MHZ. TYPE SIGNAL RECEIVED: CW, MCW, VOICE AND FSK. TRIPLE CONVERSION ON LOWER EIGHT BANDS, DOUBLE ON ALL OTHERS. CONTINUOUS TUNING READ DIRECTLY ON COUNTER TYPE INDICATOR. BUILT-IN CRYSTAL CALIBRATOR, 100 KHZ POINTS. WITH 25 TUBES OF 12AU7, 26A6, 26A7, 26C6, & 26D6. POWER REQUIRED FOR OPERATION: 24/28 VDC @ 3 AMPS. HIGH PERFORMANCE, RUGGED DESIGN. PORTABLE. SIZE: 11x14x11 WT: 52 LBS. SHPG. WT: 70. PRICE: USED, CHECKED \$195.00

POWER INPUT PLUG \$4.00 w/PURCHASE OF SET ONLY

T-195/GRC-19 TRANSMITTER, 1.5 TO 20 MHZ IN TEN BANDS. FREQUENCY STABILITY 0.03% PLUS 1000 HZ. MANUAL OR AUTOMATIC TUNING. TRANSMITS CW, VOICE, OR FSK. POWER OUTPUT WITH 50 OHM ANTENNA: 100 WATTS @ 1.5 TO 12 MHZ; 90 WATTS @ 12 TO 16 MHZ; 80 WATTS @ 16 TO 20 MHZ. AUDIO INPUTS MICROPHONE OR 600 OHM LINE METERS FOR PA CATHODE CURRENT, PA GRID CURRENT, BATTERY VOLTAGE AND MODULATION LEVEL. WITH 22 TUBES INCLUDING TWO 4X150D'S. POWER REQUIRED: 22-30 VDC @ 42 AMPS MAX. 9 AMPS STANDBY. SIZE: 11x14x22; WT: 122 LBS. SHPG. WT: 150 LBS. PRICE: USED, COMPLETE-REPARABLE \$89.50

MT-851 MTG. BASE AS USED GRC-19 60 LBS. U. \$10
 CX-1599 CABLE CONN. R-392 TO T-195 \$8.95
 T-195 BATT. CABLE WITH PLUG. \$4.95
 R-392 MANUAL (REPRODUCTION) \$10.00
 T-195 " " 7.50
 AN/GRC-19 OPERATORS MANUAL 3.00
 T-195 OR R-392 " " EACH 3.00

F-237/GRC BAND PASS FILTER 54-70.9 KHZ, CONTINUOUS TUNING 250 KHZ BANDWIDTH @ 3 DB, 4.5 MHZ @ 40 DB. IN-OUT 50 OHMS IMP. REDUCES CROSS TALK. SIZE: 11x11x5; WT: 15 LBS. UNUSED \$29.95

RECEIVER-TRANSMITTER

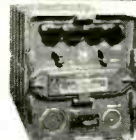
RT-68/GRC RECEIVER-TRANSMITTER, 38 TO 54.9 MHZ RANGE CONTINUOUSLY TUNEABLE OR 100 KHZ-STEP DECENT CHANNELS OR TWO PRE-SET CHANNELS. RECEIVES AND TRANSMITS BOTH VOICE AND 1600 HZ RINGING FM SIGNALS. THE OVERALL COMMUNICATION RANGE IS FROM 10 TO 15 MILES.



THE RECEIVER CIRCUIT IS A DUAL-CONVERSION SUPERHETERODYNE TYPE WITH THE 1ST IF VARIABLE FROM 4.45 TO 5.45 MHZ AND THE 2ND IF FIXED AT 1.4 MHZ. THE RECEIVER HAS A VARIABLE SQUELCH CONTROL AND A 600 OHM OUTPUT IMPEDANCE. THE TRANSMITTER CIRCUIT USES A CRYSTAL-CONTROLLED OSCILLATOR AND OSCILLATOR POWER AMP AND PUTS OUT 2 WATTS ON LOW POWER VOLTAGE OR 16 WATTS ON HIGH POWER VOLTAGES SUPPLIED FROM THE POWER SUPPLY SOLD SEPARATELY. THE RT-68 ALSO PROVIDES A METER AND TEST SWITCH TO MONITOR TRANSMITTER POWER OUTPUT FILAMENTS AND THE 90 VOLT INPUT. WITH TUBES 4/1U4, 2/1A3, 2/1L4, 4/1R5, 2/1A4, 1S5, 4/3C4, 3/3A5, 2/3B4, 3A4, 6AK5 AND 2E24. SIZE: 9x13x11 1/2 WT: 42 LBS. USED \$75.00

RT-66/GRC RECEIVER-TRANSMITTER SAME AS RT-68 ABOVE EXCEPT 20-27.9 MHZ RANGE. USED \$39.50

RT-67/GRC REC-TRANS. SAME AS RT-68 EXCEPT 27-38.9 MHZ RANGE. REPARABLE \$49.50



PP-112/GRC 24 VOLT POWER SUPPLY FOR THE RT-66, 67 AND 68 SERIES RECEIVER-TRANSMITTERS. THIS UNIT SUPPLIES ALL THE NECESSARY VOLTAGES FOR THE RECEIVER AND TRANSMITTER CIRCUITS. INCLUDES LOW AND HIGH POWER SWITCH FOR THE TRANSMITTER SECTION. SIZE: 9x13x7 1/2 WT: 38 LBS. USED \$21.95

PRC-10 RECEIVER-TRANSMITTER

RT-176/PRC-10 RADIO RECEIVER-TRANSMITTER; PORTABLE UNIT OPERATING FROM 38 TO 54.9 MHZ FM VOICE COMMUNICATIONS. THE RECEIVER SECTION HAS AN IF OF 4.3 MHZ AND AN AUDIO OUTPUT IMPED. OF 600 OHMS. TRANSMITTER OUTPUT IS 0.9 WATTS WITH A NORMAL RANGE OF ABOUT FIVE MILES. MICROPHONE INPUT IMPED. 150 OHMS.



BOTH RECEIVER AND TRANSMITTER SECTIONS ARE CONTINUOUSLY TUNEABLE. WITH CONTROLS FOR VOLUME, TUNING, SQUELCH, POINTER ADJUST AND DIAL LOCK. CONNECTOR FOR EXTERNAL SPEAKER. WITH TUBES 9/5678, 2/5672, 3/5676, 1A4 AND 5A6. POWER REQUIRED: 135 VDC, 67 VDC AND 1 1/2 VDC. LESS BATTERY CASE. ACCESSORIES LISTED ELSEWHERE. SIZE: 9x3x10 1/2 WT: 9 LBS. RT-176/PRC-10 USED \$29.50

RT-175/PRC-9 SAME AS PRC-10 EXCEPT 27 TO 38.9 MHZ. USED \$24.95 GOV'T. RE-COND. \$29.95



AM-598 AMPLIFIER-POWER SUPPLY, PICTURED WITH PRC-10. OPERATES FROM 24 VOLT SOURCE AND FACILITATES HEADSET OR SPEAKER MONITORING. PRC-8, 9 OR 10 PLUGS DIRECTLY INTO TOP. WITH TUBES 2/26E6, 2/12AT7, 26Z5 AND UC3. SIZE: 11x11x10 1/2 WT: 38 LBS. USED \$18.95

PRC-6 WALKIE-TALKIE



RT-196/PRC-6 RECEIVER-TRANSMITTER F.M. 47 TO 55.4 MHZ, CRYSTAL CONTROLLED ONE PRESET CHANNEL, ABOUT 1 MILE DEPENDING ON TERRAIN AND CONDITIONS. HANDHELD UNIT HAS PUSH TO TALK SWITCH MIC., PHONE, FOLD DOWN ANTENNA, SHOULDER STRAP ETC. ALSO PROVISIONS FOR USING H-33/PT HANDSET. WITH TUBES 6/5678, 3/5672, 2/5676, 3B4. POWER REQ. 1.5, 45 AND 90 VDC, USUALLY SUPPLIED BY BA-270 BATTERY (DRY) NOT AVAILABLE. SIZE: 15x5x4 1/2; WT: 5 LBS. USED \$24.95



LS-166/U LOUDSPEAKER; HOUSED IN CAST ALUMINUM CASE, SPEAKER IS 4" WITH HEAVY DUTY P.M. MAGNET, MATCHING TRANS. 600 OHM INPUT, 8 OHM OUTPUT WITH HIGH-LOW SWITCHING, 6 FT. CORD WITH UG-77 CONNECTOR PLUG FOR USE WITH MOST GRC, VRC SERIES SETS. SIZE: 5x5x3 1/2; 5 LBS. USED \$8.95

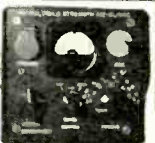
AC POWER SUPPLY



PP-1175A/SR 15 VAC 60 HZ POWER SUPPLY, PROVIDES ALL VOLTAGES OF RT-66, 67 & 68 AND ALSO OF R-108, 109 & 110. TRANSISTORIZED. SIZE: 9x7 1/2x14 WT: 40 LBS. PRICE: UNUSED \$39.50

POWER CONNECTOR \$2.50 AUX-REC CONN. \$2.50 CX-1211 CONNECTS TO REC-TRANS. \$4.95

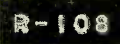
ME-61/GRC FIELD STRENGTH METER 1.4 TO 24 MHZ IN THREE RANGES. WITH VARIABLE TUNING, SENSITIVITY CONTROL, 1 1/2" SQUARE METER, PHONE JACK AND ANTENNA. SIZE: 5x5x4 1/2 WT: 5 LBS. PRICE: USED \$34.50



38 TO 54 MHZ RECEIVER



R-110 RECEIVER 38 TO 54 MHZ FM CONTINUOUSLY TUNEABLE, VARIABLE SQUELCH AND AUDIO OUTPUT IMPEDANCE 600 OHMS. 4.3 MHZ. 1 F. WITH TUBES 3/1U4, 2/1L4, 1A3, 2/3A5, 1S5, 2/3C4, 2/6AK5 & 0B2. VOLTAGES REQ. 135 VDC @ 70 MA. AND 12 VOLTS @ 2 AMPS. SIZE: 9x13x7 1/2; WT: 32 LBS. USED \$49.50



R-108 RECEIVER, SAME AS R-110 ABOVE EXCEPT 20-28 MHZ. USED \$29.95



R-109 RECEIVER, SAME AS R-110 ABOVE EXCEPT 27-39 MHZ. USED \$39.95

PP-282 POWER SUPPLY 24 VDC FOR R-108-109-110 RECEIVERS. MOUNTS INSIDE REC. USED \$5.95



SHOCKED-MOUNTINGS FOR GRC SERIES RADIO SETS. ALL HAVE APPROPRIATE CABLES & CONNECTORS

THAT GO FROM THE MTG. TO THE SET & BATTERY, BUT THEY DO NOT HAVE JUMPER CABLE UNIT-UNIT.
 MT-297/U HOLDS R/T, PS, REC., RT-70, AM-65, C434 SIZE: 33x13x4 1/2; WT: 75 LBS. USED \$25.00
 MT-298/U HOLDS TWO (2) R/T & TWO (2) PS. SIZE: 37x13x4 1/2; WT: 85 LBS. USED \$20.00
 MT-299/U HOLDS ONE RT-66, 67, OR 68 & ONE PS. SIZE: 18x13x4; WT: 50 LBS. USED \$15.00
 MT-300/U HOLDS (1) RT-70 & AM-65 (PIGGYBACK) SIZE: 8x13x3 1/2; WT: 25 LBS. USED \$10.00
 MT-791/U NO CABLES, FOR SINGLE UNITS SUCH AS REC. MD. CV. GSA. PP. ETC. SIZE: 8x13x3 1/2; WT: 18 LBS. USED \$ 7.95

ACCESSORIES

BATTERY CASE CY-744/PRC.....USED \$3.00
 AT-272A GOOSENECK ANTENNA BASE...NEW \$1.50
 AT-272 RIBBON ANTENNA SECTION...USED \$1.50
 AM-598 SHOCKMOUNT.....USED \$2.00

H-33/PT HANDSET w/UG-77 PLUG, USED WITH GRC & VRC EQUIPMENT USED \$5.95
 M-29/U MICROPHONE w/UG-77 PLUG USED \$3.95
 CONNECTOR PLUGS F/GRC & VRC \$2.50
 CX-1211 CABLE ASSY(DOGBONE) 14 COND. \$4.95
 CX-1213 " " 9 " 9
 LS-166/U LOUDSPEAKER 4" HEAVY DUTY PM IN ALUM CASE, 8 OHM OUTPUT, 600 OHM INPUT, HIGH-LOW SW. & UG-77 PLUG. SIZE 5x5x3 1/2; 5 LB"U" \$8.95

COMBINATION OFFER

WHEN THE RT-70, AM-65 AND PP-282 ARE PURCHASED TOGETHER. ALL THREE FOR \$35.00

TECH MANUALS WITH SCHEMATICS FOR:
 RT-196/PRC-6...\$7.50
 PRC-9A-10A \$7.50 AM-598.....\$3.00
 RT-66, 67 & 68...\$5.00 PP-109 & 112...\$5.00
 RT-70.....\$5.00 AM-65.....\$5.00
 R-108, 109 & 110.....\$7.50
 AN/GRC-3-8, CONTAINS INFO AND SCHEMATICS FOR RT-66, 67, 68, RT-70, R-108, 109, 110, AM-65 AND PP-109 & 112.....\$8.50

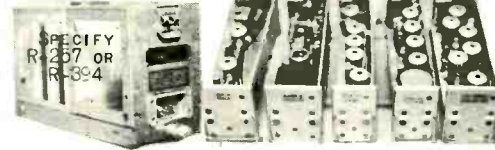
HIGH BAND

FM — TRANSMITTER — RECEIVERS

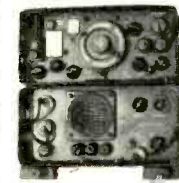
LOW BAND



R-394/U RECEIVER F.M. 152-172 MC.
SINGLE CHANNEL CRYSTAL CONTROL DUAL CONVERSION, CRYSTAL FREQ. RANGE 24,033 TO 27.7 THIRD OVERTONE, TYPE CR-32/U, I.F. FREQ. 7.8 MC & 455 KC. 15 KC DEVIATION, OUTPUT IMPEDANCE 8 OHMS, POWER 6 WATTS, SQUELCH AND MUTING CIRC. MODULAR CONSTRUCTION WITH PLUG-IN UNITS FOR EASY SERVICING.
1ST R-F AMPL. UNIT W/TUBES 1/5840 2/1A4D.....LOCAL OSCILLATOR UNIT W/TUBES 2/1A4D,1/5678,1/VR31-5783
.....1ST I-F 7.8 MC UNIT W/TUBES 3/5678.....2D I-F AND DISCRIMINATOR UNIT WITH TUBES 7/5678.....AUDIO AND SQUELCH UNIT WITH TUBES 3/5678,1/5672,1/6AK6 ALSO 455 KC SELECTIVE FILTER UNIT WHICH IS WIRED, NOT PLUG-IN. ILLUSTRATION SHOWS THE PLUG-IN UNIT AND THE COMPARTMENT WHERE THE POWER SUPPLY IS ALSO PLUGGED INTO. COVER IS SUPPLIED AND HELD IN PLACE BY A SPRING LOADED FASTNER.
POWER SUPPLIES, CONNECTOR, CONTROL UNIT AND OTHER ITEMS THAT ARE USED WITH THIS SET ARE LISTED ELSEWHERE ON THIS PAGE.
SIZE: 8 1/2 x 5 1/2 x 14 1/2; WT: 19 LBS.
PRICES: USED GOOD CONTITION.....\$14.95
GOV'T RE-CONDITIONED..... 22.50



R-257 or R-394 RECEIVER CHASSIS ONLY LESS ALL PLUG-IN UNITS AND FILTERS, WITH CONNECTORS & COVER. SHPG. WT: 10 LBS. USED \$4.95
R-257 or R-394 RECEIVER PLUG-IN UNITS ONLY
MX-1547 RECEIVER RELAY SUBASSEMBLY \$4.95
1ST R.F. AMPL. W/TUBES 1/5840,2/1A4D \$3.95
LOCAL OSCILLATOR W/TUBES 2/1A4D,1/5678 \$4.95
1/VR31-5783 & CRYSTAL. (NO CRYSTAL CHOICE)
2ND I.F AND DISCRIMINATOR W/ TUBES 5678 \$3.95
1ST I.F 7.8 MC. W/TUBES 3/5678 & CRYST \$4.95
AUDIO & SQUELCH W/TUBES 3/5678,1/5672 AND 1/6AK6 \$3.95
SELECTIVE FILTER 455 KC. (NOT SHOWN) \$2.95



AN/GRR-5 RADIO RECEIVING SET FOR USE IN THE 1.5 TO 18 MHZ RANGE, 4 BANDS 115 VOLTS 50 OR 60 CYCLE, 6, 12, 24 VDC OR DRY CELL BATTERIES 90 AND 1.5 VDC. CAN BE USED FOR OPERATION THE SET CONSISTS OF THE R-174 RECEIVER WHICH IS A SUPERHETERODYNE RECEIVES AM, CW AND MCW SIGNALS, WITH CONTINUOUS TUNING AND FACILITIES FOR PRESETTING ANY 10 CHANNEL FREQ., 200 KHZ CRYSTAL CALIBRATOR, 455 KHZ IF WITH TUBES 1/3V4,3/1R5,3/1L4 & 1/1U5. THE OUTPUT OF THE REC. IS FEED INTO A HEAVY DUTY 4" SPEAKER THAT IS PART OF THE PP-308 POWER SUPPLY AND TO OUTPUT PHONE JACKS ON THE REC.
PP-308 POWER SUPPLY FURNISHES ALL THE VOLTAGE REQUIRED WHEN ANY OF THE POWER SOURCES ARE APPLIED AS STATED ABOVE AND IT ALSO CONTAINS THE SPEAKER. BOTH UNITS ARE MOUNTED IN A TWO COMPARTMENT CABINET THAT IS SHOCKMOUNTED.
PP-308 IS SUPPLIED WITH TUBES 2/6AG7,1/1007 & 1/0B2.
SIZE: 13 1/2 x 8 1/2 x 12 1/2; WT: SHPG. 75 LBS. ACTUAL 62
PRICE: USED, REPAIRABLE \$49.50 CHECKED \$59.50
POWER INPUT PLUG ONLY \$2.50; FIVE (5) FT AC LINE CORD 50¢; 15 FT. DC CORD \$1
MANUAL FOR AN/GRR-5 \$7.50



R-257 RECEIVER 25 TO 50 MC FM
SAME AS R-394 RECEIVER ONLY DIFFERENT FREQUENCY RANGE.
USES ALL THE SAME ACCESSORIES POWER SUPPLIES, TUBES ETC. SAME SIZE AND WEIGHT.
USED \$14.95



VIBRATOR TYPE POWER SUPPLIES FOR USE WITH R-394 & R-257 RECEIVERS. THE OUTPUT OF THE SUPPLIES ARE THE SAME AND ARE

155 VOLTS DC @ 15 MA.
150 " " @ 5 "
140 " " @ 50 "
-40 " " @ .5 "
6.3 " " @ .45 AMPS.
6.3 " " @ 1.0 "
1.4 " " @ 1.25 "

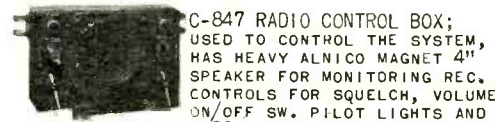
PP-867/U 24 VOLTS DC @ 1.1 AMPS USED \$4.95
PP-868/U 12 " " @ 2.0 " " 9.95
PP-869/U 6 " " @ 3.7 " " 6.95
PP-846/U 115/230 V 60 CYC 2 AMPS " 18.95
PP-604 115/230V. 60 CYCLE AC POWER SUPPLY FOR T-417, T-208 AND T-278 TRANSMITTERS.
PRICE: USED \$39.50
C-844/U CONTROL UNIT FOR OPERATION OF RADIO SET FROM REMOTE POINT. USED \$14.95



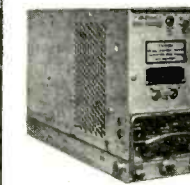
CY-938 ELECTRICAL EQUIPMENT CABINET; USED TO HOUSE RECEIVERS R-394 OR R-257, TRANSMITTERS T-208 OR T-278 AND POWER SUPPLIES DY-93 OR DY-98 OR DY-100 FOR THE TRANSMITTERS.
SIZE: 17 1/2 x 11 1/2 x 25; WT: 33 LBS.
PRICES: USED \$7.95



T-208/U TRANSMITTER F.M.
25 TO 50 MC 25 WATTS.
SINGLE CHANNEL CRYSTAL CONTROL, 15 KC DEVIATION, VOICE ONLY TRANSMISSION. CRYSTAL UNIT CR-27/U, FREQ RANGE 1,562.5 TO 3125 KC. X 16 FOR ALL FREQUENCIES. 100 MV CARBON MIC. WITH TUBES 3/2E24,1/3B4,2/5672 4/5678 & 3/1A4D.
VOLTAGES REQUIRED ARE AS SHOWN WITH DYNAMO TORS DY-93/12 V, DY-98/24 V. DY-100/6 V.
SIZE: 8 1/2 x 4 1/2 x 14 1/2; WT: 11 LBS. USED \$18.95



C-847 RADIO CONTROL BOX; USED TO CONTROL THE SYSTEM, HAS HEAVY ALNICO MAGNET 4" SPEAKER FOR MONITORING REC. CONTROLS FOR SQUELCH, VOLUME ON/OFF SW. PILOT LIGHTS AND 33 UNIT FREQ. RANGE
RECEPTACLE FOR H-33 HANDSET WHICH HAS UG-77
SIZE: 9 1/2 x 5 1/2 x 3 1/2; WT: 6 LBS. USED \$8.95
H-33/PT HANDSET WITH CORD & UG-77 " 5.95



T-278/U TRANSMITTER F.M.
152 TO 174 MC APPROX. 30 WATTS, CRYSTAL CONTROL ON ANY TWO (2) PRESET FREQ. PHASE SHIFT MODULATION 15 KC DEVIATION, CR-27/U CRYSTAL UNIT FREQ. RANGE 4750-5437.5 KC. MULTIPLIED 32 TIMES. WITH TUBES 2/3B4,3/2E24,4/5678,2/5672 AND 2/1A4D.
VOLTAGES REQUIRED AS SHOWN WITH DY-93 DYNAMO TCR ELSEWHERE ON THIS PAGE. USED \$18.95
SIZE: 8 1/2 x 4 1/2 x 14 1/2; WT: 12 LBS. UNUSED \$24.95
T-278 TRANS. LESS TUBES AND CRYSTAL OVEN \$6

CHASSIS CONNECTORS TO FIT R-394, R-257, T-416 T-278, T-208 & SUPPLIES

TRANSMITTER PLUG P-401 CHASSIS CONNECTOR NO'S J-801, CANNON# DPD-A32C2-33S-2L \$2.50
RECEIVER PLUG R-252; CHASSIS CONNECTOR NO'S J-803, CANNON# DPD-A31C1-33S-2L \$2.50
POWER SUPPLY PLUG P-1203; CHASSIS CONNECTOR NO'S J-802, CANNON# DPD-30-33S-22 \$2.50
UG-77 PLUG ON 4 1/2 FOOT CORD.....\$1.00
H-33/PT HANDSET ON 4 1/2' CORD WITH UG-77 U 5.95

DY-93 DYNAMOTOR POWER SUPPLY
INPUT: 12 VDC @ 20 AMPS.
OUTPUT: 380 VDC @ 180 MA.
225 VDC @ 45 MA.
-25 VDC @ 5 MA.
USED WITH T-208 & T-278 TRANS.
SIZE: 8 1/2 x 7 x 14; WT: 27 LBS.
PRICE: USED \$9.95

CX-2371 CABLE ASSEMBLY USED FOR CONNECTING R-394-257 REC. T-208-278, 416, 417 TRANS. TO THE VARIOUS CABINETS SO THE UNITS CAN BE SERVICED OUTSIDE THE CABINETS.
LENGTH 7 FT. 3 LBS. \$10.00

CV-278 FREQUENCY SHIFT CONVERTER USED TO CONVERT FREQUENCY SHIFT SIGNALS TO NEUTRAL OR POLAR MARKING OR DC IMPULSES. THE FREQ. SHIFT-KEYED (FSK) SIGNALS ARE RECEIVED FROM THE I.F. OF THE RECEIVER WITH A RANGE OF 450 TO 500 KC AND ARE CONVERTED TO DC IMPULSES AND USED FOR OPERATION OF TELETYPEWRITER OR REPERFORATOR MACHINES. CRYSTAL CONTROL, BAND WIDTH 1500 CPS. WITH TUBES 2/26A6,1/26A7, DIODES 1/IN63,2/IN69. VOLTAGE REQ. 28 VDC @ 2.0 AMPS. SIG. INPUT METER 0-100 & DISC. 50-0-50 1-3/4" MICROAMP.
SIZE: 9 1/2 x 13 1/2 x 7 1/2; WT: 23 LBS. USED \$24.50 -
CONNECTOR PLUGS FOR INPUT OR OUTPUT \$2.50

TRANSMITTER RECEIVER

RT-53/TRC-7 RECEIVER-TRANSMITTER; 100-156 MHZ, A.M. VOICE, 1.5 W CRYSTAL CONTROL ON 2 PRESELECTED CHANNELS, 1 1/2" METER, PHONE, MIC. & MONITORING JACKS, VOL. CONTROL ETC. WITH TUBES: 3/1AB5,3/1L4,1/1S5,5/3A5,1/1LA3,1/3C4 & 2/3A4, VOLTAGES REQUIRED 90 VDC, 60 VDC & 4 1/2 VDC.
SIZE: 11 1/2 x 5 1/2 x 13 1/2; 15 LBS. USED \$24.95

CX-2341 CABLE USED FOR CONNECTING CONTROL BOX TO CABINET. NO PLUGS ON THIS BLE. PRICE: 50¢ PER FOOT.

PP-638/U POWER SUPPLY USED WITH AM-494 & AM-495 POWER AMPLIFIERS. INPUT 115/230 VOLTS 50/60 CYCLE, OUTPUT 1100 VDC @ 320 MA, 230 VDC @ 60 MA AND 6.3 VAC @ 5.2 A. 2 1/2" RUGGEDIZED METERS 50 MADC 500 MADC AND 1.5 KVDC ALSO BLOWER FOR COOLING. UPPER COMPARTMENT SIZE 15W X 9 1/2 H X 8 1/2 D.
SIZE: 31 1/2 x 20 1/2 x 24 1/2; WT: 150 LBS.
PRICE: RE-NEW \$100.00

MD-203/GR MODULATOR FOR TRANSMITTER. PROVIDES FOR CONVERSION OF CW SIGNALS INTO FREQ. SHIFTED RADIOTELETYPE SIGNALS BY INTRODUCING SELECTABLE AMTS. OF FREQ. SHIFT INTO THE EXCITER CIRCUIT OF THE TRANS. SHIFT MAGNITUDE 850,425.212 OR 106 CYCLE SEL. MANUALLY FROM FRONT PANEL. DESIGNED FOR USE WITH T-195/GR 19 TRANS. CAN BE USED WITH ANY TRANSMITTER. HAVING AN EXCITER OUTPUT WITH A FUNDAMENTAL FREQ. RANGE OF 1.5 TO 3 MC, AND A MINIMUM OUTPUT OF 1 VOLT. POWER REQ. 27.5 VDC @ 1.8 AMPS WITH TUBES 1/26A7,5/26A6 AND 1/26D6
SIZE: 9 1/2 x 7 1/2 x 13 1/2; WT: 25 LBS. PRICE: USED \$19.95

RECEIVER

AF/URG-60 RECEIVER
100-156 MHZ
AM CRYSTAL CONTROL (1)

ONE CHAN. AVC, SQUELCH, NOISE LIMITER, WITH TUBES 4/6AK5,4/6SG7,2/6H6,1/6F6,2/6SJ7 & 1/5Y3GT ALSO PHONE JACK, LINE JACK, VOL. CONT. PILOT LT. SWITCH ETC. RACK MTG. 19x5 1/2x15 1/2; SHPG. WT: 50 LBS. POWER REQUIRED, 115 VOLT, 25 TO 60 CY
PRICES: USED \$39.50 CHECKED \$49.50

AN/TRC-34 RADIO SET 152 TO 172 MHZ, FM 50 WATT OUTPUT, DUAL FREQ. SELECTION ON ANY TWO PRESET CRYSTAL CONT. FREQ., TWO WAY COMMUNICATION OR RADIO RELAY USE.
THE SET CONSISTS OF T-416 TRANSMITTER THAT IS THE SAME AS T-278 EXCEPT IT USES A 5894 TUBE IN THE FINAL, R-394 REC., C-844 RELAY CONTROL BOX, PP-804 & PP-846 115/230 V 60 CYC POWER SUPPLIES AND CY-1221 CABINET, THAT HAS THE CONTROLS FOR LOCAL USE.
SIZE: 21 1/2 x 17 x 20 1/2; WT: 150 LBS. PRICE: USED \$100.00
T-416/GR TRANSMITTER ONLY \$49.50 CY-1221 CABINET \$20

RECEIVER POWER SUPPLIES AND SPEAKER FOR THE FOLLOWING:
 R-23/ARC-5 BC-453 BC-342
 R-24/ARC-5 BC-454 BC-344
 R-25/ARC-5 BC-455 BC-348
 R-26/ARC-5 BC-946 BC-429
 R-27/ARC-5 R-108,109,110

COMPLETE WITH DYNAMIC SPEAKER HOUSED IN A METAL CABINET WITH CONNECTING CABLE, PLUG, PHONE JACK, VOLUME CONTROL, BFO SWITCH, ETC. IF APPLICABLE. CAN ALSO BE USED FOR OTHER SETS. OUTPUT: 200/250 VDC @ 90/60 MA AND 24 VAC @ 2 AMPS. INPUT: 115 VAC 60 HZ. PLEASE SPECIFY THE TYPE SET. DIMENSIONS AND PARTS OF THE POWER SUPPLIES MAY VARY WITH AVAILABILITY OF MATERIALS. 9 1/2x6 1/2x5 WT: 10 LB

PRICES: KIT OF PARTS \$20.00 WIRED \$23.00

BC-652 RECEIVER POWER SUPPLY WITH SPEAKER SAME AS ABOVE; KIT \$20.00; WIRED \$23.95

BC-603/BC-683 RECEIVER P.S. DESIGNED TO BE PLUG IN-TO THE SAME PLACE AS THE DYNAMOTOR WITH NO CONVERSION TO THE SET THAT WILL EFFECT THE OPERATION FROM THE DYNAMOTOR. ONLY WORK REQUIRED TO ADD ON/OFF SWITCH IN PLACE OF SPAR FUSE HOLDER. TRANSFORMER TYPE USING 5Y3GT TUB

OUTPUT 220 VDC, 80 MA. & 24 VDC 2 A. WT: 5LBS.

PRICES: KIT OF PARTS \$15.00 WIRED \$20.00

PE-110D POWER SUPPLY FOR BC-669 TRANSMITTER-RECEIVER. INPUT 115 VOLT 60 CYC. OUTPUT 520 VDC @ 420 MA. A 12 VDC VIBRATOR TYPE POWER PACK WITH AN OUTPUT OF 275 VDC @ 64 MA THAT PLUGS INTO THE CHASSIS SERVES AS A RECEIVER STANDBY. INCLD. FOUR 5Z3 TUBES, RESET CIRCUIT BREAKERS, A.C. OUTLETS, AND POWER OUTPUT PLUGS.

SIZE: 20x9x12; WT: 100 LBS. UNUSED \$30.00

PP-484/FGC-5 VOLTAGE REGULATED POWER SUPPLY OPERATES FROM 115/230 VOLT 50/60 CYCLE 1 PH. OUTPUT 115 VDC 100MA, 225VDC 550 MA.; 4/6.3 VAC 1 A P. -6.3V BIA. WESTON 301 METERS 3 1/2" 0-10 VAC; 0-200 VDC & 0-500 VDC; W/ TUBES 2/3B28, 2/2050, 2/12AU7, 6Y6 & 5U4. ALSO 2 AC OUTLETS ON FRONT PANEL. 19x11x20; WT: 150 LBS. USED \$29.95

GILBERT AMERICAN FLYER TOY TRANSFORMER, INPUT: 120 VAC 60 HZ. OUTPUT: 7 TO 18 VOLTS AC. CONTROL READS 0 TO 120 MPH. WITH AC CORD AND OUTPUT BINDING POSTS. SIZE: 3 1/2x5x3 WT: 6 LBS. GILBERT #22034 USED, \$3.95

POWER SUPPLY No.7630020VR VOLTAGE REGULATED, OPERATES FROM 115 VOLT 60 CYCLE. OUTPUT 200-250 DC. @ 150-250 MA. ALSO 6.3 VAC 2.75A & 6.3 VAC 5.5 TUBES 2/6AS7G, 1/VR-105, 1/6AK7 & 1/5R4G. WT: 30 LBS. SIZE: 11 1/2x10 1/2x6 \$18.95

CABLE WITH 18 CONTACT PLUG TO FIT POWER SUPPLY PLUG, 4 FOOT \$2.00

TRANSISTORIZED POWER SUPPLY INPUT 115 VOLT 60 CYCLE, OUTPUT 200 VDC 300 MA. SIZE: 5x4x5; 15 LBS. 5820-805-3930 NEW \$22.95

REGULATED P.S. F/TS-147; 115V60CY. OUTPUT 300/210VDC, 6.3VAC 1.7A. REG. TUBES 5R4/6Y6/6SH7 & 2/0C3 SIZE: 16x3x8; 10LBS. #PS-147 PRICE: NO TUBES \$6 WITH \$9

VERY HIGH VOLTAGE

DC POWER SUPPLY WITH 107-125 VAC 60 HZ PRIMARY. TWO OUTPUTS: -5.4 TO 5.75 Kv. @ 140 TO 300 U-A. ONE OUTPUT: -5.1 TO 5.3 Kv. @ 100 TO 270 U-A. SIZE: 12 1/2x2 1/2x4 1/2 WT: 10 LBS. GE#9T63Y202966, USED, \$10.95

DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE CORD, PILOT LIGHT, LINE FUSE ETC. INDICATED RATINGS ARE FOR LOAD CONDITIONS.

OUTPUT 12 VOLT D.C. 2 AMPS. SIZE: APPROX. 5x10x2; WT: 10 LB; STK.# 12VDC2A. PRICES: COMPLETE WIRED \$14.95 KIT OF PARTS 10.00

OUTPUT 24 VOLT D.C. 2 AMPS. APPROX. SIZE: 5x10x2; WT: 12 LB. STK.# 24VDC2A. PRICES: COMPLETE WIRED \$19.95 KIT OF PARTS \$14.00

OUTPUT 12 VOLT D.C. 4 AMPS. APPROX. SIZE: 5x10x2; WT: 12 LB. STK.# 12VDC4A. PRICES: COMPLETE WIRED \$18.95 KIT OF PARTS 13.00

OUTPUT 24 VOLT D.C. 4 AMPS. APPROX. SIZE: 5x10x2; WT: 14 LB STK.# 24VDC4A PRICES: COMPLETE WIRED \$22.95 KIT OF PARTS 18.00

FREQ. METER P.S.

POWER SUPPLY FOR FREQUENCY METER SUCH AS BC-221, TS-173, 174, 175, TS-323 ETC. SUPPLIES 135 VDC @ 20 MA. AND 6.3 V. @ .9 A. POWER REQ. 115 V. 60 HZ. W/TUBES OA2 (NOT GOV'T) VOLTAGE LIMITER AND 6X4 RECTIFIER SIZE: 6x4x5; WT: 6 LBS. #PS-FREQ.CS6406 \$24.95

MOBILE SUPPLY

AVA-126 VIBRATOR POWER SUPPLY; OUTPUT 300 VDC 100 MA. OPERATES FROM 6, 12 OR 24 VOLTS D.C. WHEN THE PROPER VIBRATOR IS USED, OCTAL BASE. SUPPLIED WITH 6 VOLT VIBRATOR (USED WITH AVT-112 AIRCRAFT TRANS) ILLUST. COVER REMOVED. UNUSED SIZE: 7 1/2x7 1/2x7 1/2; WT: 12LBS. \$4.95

RA-42 POWER SUPPLY RACK MOUNTING 19", 115/230 V 60 CYC OPERATION. OUTPUT 200-250 VDC 100 MA. HOUSED IN CABINET 7x8x6 WT. 30 LBS. PRICE: USED \$18.00

RA-87 RECTIFIER; FOR USE WITH TELETYPE EQUIPMENT. CONVERTS 95 TO 125 VOLT OR 190 TO 250 VOLTS 50-60 CYC TO 115 VOLT 400 MA AND 115 VAC 4.35 A. WHEN USED WITH 190 TO 250 VAC INPUT. RE-NEW \$12.95 SIZE: 14 1/2x7 1/2x8; 45 LBS. PRICE: USED \$16.95

RA-74D POWER SUPPLY FOR RECEIVERS BC-779, 794, 1004, R-270 & R-129U. INPUT 95/105/117/130/190/210/234/260 VAC 25-60 CYC. OUTPUT 380 VDC @ 50 MA. 250 VDC @ 100 MA 100 VDC 4.5 MA -50 VDC 11 MA & 6.3 VAC 7 AMP. WITH TUBES 1/5Y3GT & 1/5U4G. RACK PANEL MTG. SIZE: 19x10 1/2x10; WT: 100 LBS PRICE: USED \$24.95

RADIOSONDE

AN/ANT-4A RADIOSONDE: CONSISTING OF THE T-304A TRANSMITTER & MD-147C MODULATOR. TRANS. IS A.M., 1680 MHZ AND THE MODULATOR CONTAINS THE PRESSURE SENSITIVE ELEMENT OR ANEROID, TEMPERATURE ELE. HUMIDITY ELEMENT AND A COMPUTATOR, SERVES AS A SWITCHING ARRANGEMENT FOR THE DIFFERENT SERVICES WHICH IS TRANSMITTED BY THE RADIOSONDE THAT IS TAKEN UP BY A METEOROLOGICAL BALLON. ALSO USED FOR TRACKING WIND DIRECTION. WITH TUBES 794 AND 5875. BATT. VOLTAGE REQ. 1.5, 6 & 115 VDC. WT: LESS BATT. 1 1/2 LBS. (613 GRAMS.) PRICE: TRANS. & MODULATOR LESS BATT. N \$7.95 TRANS. ONLY \$4.95 MODULATOR ONLY 3.95

LENKURT MODEL 5047A POWER SUPPLY, INPUT: 115 VAC 60 HZ. OUTPUT: 24 VCT. 10 AMPS AC AND 160V. 150 MA DC. CONSTRUCTED ON AN ALL-ALUMINUM CHASSIS WITH VENTILATED ALUMINUM COVER WITH FLIP-LOCKS. (NOT SHOWN) SIZE: 19 1/2x7 1/2x10 1/2; WT: 45 LBS. \$24.95

PP-1243 POWER SUPPLY USED WITH AN/URM-32 FREQ. METER, CAN ALSO BE USED WITH OTHER EQUIPMENT. POWER REQ. 115/230 VOLT 50-450 CYCLES. OUTPUT VOLTAGES 180 VDC @ 20 MA. 6.3 VAC @ 1.1 AMP. WITH 6X4 TUBE SIZE: 12x3 1/2x7; WT: 8 LBS. USED \$24.95

PP-142 POWER SUPPLY 115 V 60 CYC VOLTAGE REGULATED 300 VDC 250 MA. ALSO 6.3 @ 3.75, 6.6 @ 9 A. WITH TUBES 3/6Y6G, 2/5U4G, 1/6AC7 & VR-150 ADJUSTMENT FOR B FUSE-LINES, INDICATOR AND EXT. JACKS FOR OUTPUT ON FRONT PANEL. SIZE: 9 1/2x16x12 1/2; WT: 85 LBS. USED \$22.50

PE-157 POWER SUPPLY; HAND CARRING TYPE WITH LEATHER HANDLE. HAS COMPARTMENT FOR INSTALLING BB-54 2 VOLT WET CELL WHICH IS POWER SOURCE FOR OPERATING THE VIBRATOR SUPPLY THAT HAS A OUTPUT OF 1.5 VDC @ .490 AMPS. AND 135 VDC @ 50 MA. (APPROX. V/A) ALSO HAS SPACE FOR MTG. 4" SPEAKER. SIZE: 6 1/2x12x6; WT: 19 LBS. PRICE: USED LESS SPEAKER & BATTERY BB-54 BATTERY 2 VOLT NEW \$14.95 \$ 2.95

PP-308/URR POWER SUPPLY; OUTPUT VOLTAGES OF 90 VDC, 1.4 VDC, AND -4.2 VDC. A PORTABLE UNIT WHICH CAN OPERATE FROM 115V. 60 CYCLE LINE OR FROM 6, 12 OR 24 VOLT VEHICULAR BATTERY; WITH FUSE HOLDERS, POWER-SELECTOR SWITCH, POWER ON-OFF SW, SPEAKER ON-OFF SW, AND SPEAKER FOR A RECEIVER*. TAKES 4 COND. FEMALE CONNECTOR (NOT AVAILABLE). WITH TUBES 2/6AG7 AND 0B2. SIZE: 5 1/2x8x12 WT: 30 LBS. WITH GOV'T SPEAKER \$14.95 NO SPEAKER \$9.95 " COMMERCIAL " \$12.95 CONDITION USED SERVE

REGULATED 48V 5A

REGULATED SOLID STATE POWER SUPPLY; OUTPUT: 48V. 5 AMPS. INPUT: 115 VAC 60 HZ. TRANSISTOR DEVICES MODEL SPS 828. SIZE: 16 1/2x 8 1/2x3 1/2, SHPG. WT: 25 LBS PRICE: UNUSED, \$69.50

AUTO-RACE PACK BY VARNEY TWO 14 VDC 600 MA. SECONDARIES MAKE THIS IDEAL FOR A SMALL BENCH POWER SUPPLY WITH THE ADDITION OF A REGULATOR AND FILTER. INCLUDES TRANSFORMER COVER, SWITCH, 5 1/2 FT. LINE CORD. 5x3 1/2x2 1/2 WT: 3 LBS. \$2.95

MAGNET FROM MAGNETRON TUBE L3110-A DOUGHNUT SHAPED MAGNET 6x6x3, WITH CUT-OUTS ON EACH SIDE, WAVEGUIDE OUT LET 2x3 1/2, GOLD PLATED, ASSY: WT 10 LB NOT SOLD AS USED TUBE. \$15 0-444/ALT-6B OSCILLATOR W/ABOVE TUBE & 27VDC AIR PUMP. 3000-4000MHZ. \$25.

STEPPING SWITCHES

STOCK NO.	POS.	DECK	VDC	PRICE
7709181-P3	25	10	24	\$9.95
7709181-P6	25	9	24	8.95
7709181-P1	26	9	24	9.50
H77256	26	4	24	5.95
B215238 NEW	26	10	24	12.95
A202763	10	6	36-48	5.95
A29656	25	10	36-48	8.95
917722	24	8	30	5.95
289281 NEW	26	2	12	9.95
SW88DC	25	10	28	8.95
277598-9	10	3	12v w/RESET	\$10

ROTARY SELENOID RELAY
4 WAFER
6 POLE
5 POSITI
48 VDC
3 1/2 x 1 1/2 x 1 1/2 .5945-710-4536 \$4.

TELEPHONE TYPE



RELAY 4PST NORMALLY OFF 12 VDC GR204-BC-966A 1 1/2 x 1 1/2 x 3 1/2 3380-557180-7435 \$1.00

6PST 50 VDC 3/4 A. COIL 250 OHMS 50 VDC 39 MA. OPERAT. 4 1/2 x 1 1/2 x 1 1/2; 4C8400-26 \$1.00

IPDT & 3PST 50 VDC 2 A. OPER. 46 VDC 38 MA 1200OHM 4x2 1/2 x 1 1/2; 4C7737-62 \$1.00

RELAY 200 VDC 135 MA, ONE COIL 1100 OHM, OTHER 1200 OHM, CONTACTS 2PDT, 6PST-NO IPST-NC#5945-259-4275 \$1.

5000 OHM COIL, 110 VDC, 4PDT HEAVY CONTACTS, DOX187T \$2.30 OHM, 24VDC, 4PDT SAME AS ABOVE, 2x2 1/2 x 1 1/2, DOX137T \$1.50

115 VAC OPEN FRAME RELAY 3PDT 10 AMP. CONTACTS. 1 1/2 x 1 1/2 x 2 1/2. ALLIED LAC-3A #5945-225-8616 NEW \$4.95

SEALED RELAYS 24 VDC 3 A. CONT. VARIOUS MFG. ROUND, OBLONG OR SQUARE, WIRE OF PLUG-IN. SORRY NO CHOICE.

IPDT CWS571981 USED .35
IPDT #5703-34 " .40
2PDT #5709-7H " .45
3PDT #56467 " .50
4PDT #54428 " .55
6PST #56469 " .60

POTTER & BRUMFIELD 12 PIN PLUG-IN PLASTIC COVERED 12 VAC 2PST, SIZE 1 1/2 x 2 1/2 x 2 1/2 #82-70-5130 75¢



12 VDC RELAY, DPST, NORMALLY OPEN, 67 OHMS, 2x3 1/2 x 1 1/2; # SW-182 USED 50¢

RELAY 6V D 1 1/2 x 1 1/2 x 1 1/2 41F 500S-SIL \$1.50

PLATE RELAY 10,000 OHMS. CONTACTS 115 VAC @ 5 AMPS 1 1/2 x 1 1/2 x 1 1/2 #R73P-3189 \$1.50

FIVE ASSORTED RELAYS \$1.00

SUCH AS SEALED, OPEN FRAME, TELEPHONE ETC. MAY BE 6, 12, 24 OR 48 VOLTS. \$1.00

INTERVAL TIMER ASSEMBLY
RELAY TIME DELAY
5 MIN. RESET
DELAY 100 SEC.
MOTOR VOLTAGE
120V 400 CPS
CLUTCH VOLTAGE 28 VDC.
ALLIED CONTROL UNIT; 115V
400 CPS, CONT. 2A-29VDC
AND 24V 4PDT RELAY. 5LBS.
#SS 19180 \$2.95

WESTON SENSITROL RELAYS
MODELS 723 AND 705; 3 1/2" ROUND. USED \$4.95 EACH SPECIFY:

RANGE	MODEL
80% TO 120% VOLTS DC	723
90% TO 110% VDC	723
95% TO 105% VDC	723
110% TO 100% VOLTS AC	705
100% TO 90% VAC	705
.9 TO 1.1 MILLIAMPS	723

SILICON RECTIFIER

POWER TESTED AT 1 MA MAX. LEAKAGE

1 AMP. (TOP HAT)

50-200 PIV \$.10
200-400 "	.15
400-600 "	.25
600-800 "	.35
800- "	.45
1000 "	.55

5 AMP. (STUD)

200-400 PIV	.50
400-600 "	.60
700 "	1.00
800 "	1.20
1000 "	1.75

INI347 6 AMP. 500 PVI (GOLD) 1.50

35 AMP (STUD)

50 V	\$1.50
100 V	\$1.75
200 V	\$2.10
300 V	\$2.40
400 V	2.25
500 V	2.50
600 V	3.00
900 V	4.00

DIMMER CONTROL
TYPE A-4 667498
150 OHM 50 WATT
2 1/2 MTG. HOLES,
W/KNOB 2 LBS.
MATCHING PLUG \$1

RHEOSTAT

OTHER VALUES IN STOCK WRITE FOR YOUR NEEDS

STK#	WATTS	OHMS	PRICE
24609	25	5	.60
750KK	25	75	.60
88396	25	125	.60
6102	25	150	.60
34J228	25	400	.60
501KK	25	500	.60
057-65	25	1000	.60
40436	25	1500	.60
35211	25	3000	.60
41132	50	7.5	.85
2954	50	15	.85
15822	50	17	.85
850-30	DUAL 50	30	1.85
34611	50	29.7	.85
32229	50	60	.85
PR-50	50	100	.85
2533	50	150	.85
5055	50	225	.85
251KK	50	250	.85
4041	50	400	.85
689	50	1000	.85
RP3013AP	100	32	1.25
3300-8	100	350	1.25
6938	150	3	3.25
5R0KK	150	5	3.25
HD-150	150	10	3.25
W1525	150	25	3.25
D150/350	150	350	3.25
5638	150	750	3.25
RP-351	300	500	5.95

RHEOSTAT CONTROL UNIT FOR HEATED CLOTHING; 100 WATT 5.75 OHM RHEOSTAT MOUNTED IN CONTROL BOX WITH INDICATOR KNOB ALSO ON/OFF SWITCH & DUAL LOCKING TYPE SOCKETS FOR INPUT AND CONTROLLED OUTPUT VOLTAGES. SIZE: 5x4x2; WT: 3 LBS. TYPE C-1C UNUSED \$2.95

BK-27A TELETYPE RELAY USED W/BD-100 SWITCHBOARD UNIT HAS 2 RELAYS
W/DUAL COILS 150 OHMS EACH
W/IDIA CONTACTS THAT CAN BE ADJUSTED FROM INSIDE AND OUTSIDE OF THE BOX FOR EAST WEST TRANS. CONTROL NEW
SIZE: 6x4x3 1/2; 4 LB. \$3.95

CRYSTALS

465 Kc CRYSTAL, RESONATOR TYPE FILTER AS USED IN BC-794, BC-1004 ETC. \$1.50

200 Kc CRYSTAL IN OCTAL TYPE TUBE HOLDER \$3.50

CRYSTALS: FT-241-243 21-39 Mc. F/BC-604-684-620-659 NO CHOICE FREQ. 5 FOR \$1.00

JK-02 CRYSTAL OVEN FOR CR-26 CRYSTALS, OPERATES FROM 6.3-24.2 V. AC/DC, OCTAL BASE.

MOTOROLA #251B1001 FOR ONE CRYSTAL AS USED IN R-394-257 RECEIVERS. \$1.95

MOTOROLA #251B1003 FOR TWO CRYSTALS AS USED IN T-278-208 ETC. TRANSMITTERS \$2.50

CRYSTAL DIODES IN-21 IN-32 \$1.00 EACH 6 FOR \$5.00

CRYSTAL HOLDERS WITH CRYSTAL NO CHOICE OF FREQUENCY CR-1A/FT-171, FT-249/FT-234, NAVY 40130B/40068B/CR-26 PRICE: 59¢ EA. 2 FOR \$1.00

CIRCUIT BREAKER



AIRCRAFT BAT HANDLE TYPE LUMINOUS TIP 24 TO 30 VDC
STK# AMPS. PRICE
8751K4 10 " .50
AN-3160 15 " .75
AN-3160 20 " .75

AIRCRAFT PUSH BUTTON TYPE 24 TO 30 VDC
AN-3161 5 .75
AN-3161 10 .75
AN-3161 15 .75
PM-40 40 .75
AN-3161 50 .75

3H900-35-6 14.6 VDC 35 AMPS SIZE 3 1/2 x 2 1/2 x 1 1/2 \$1.50

850-0980 28 VDC 15 AMP SIZE 3 1/2 x 2 1/2 x 1 \$1.00

HEINEMANN 1-132 24 VDC 2 AMP. 3 1/2 x 2 1/2 x 1 \$1.00

115 V. 60 CYC SIZE 2 1/2 x 2 1/2 x 1 1/2 CAT#AM12HK 1.5 AMP \$1.00

" AM12RSK 20.0 " 1.00

115 V. 60 CYC SIZE 3 1/2 x 1 1/2 x 2 1/2 3H900-1.5.1 1 AMP \$1.00
3H900-1.25 1 1/2 " 1.00
3H900-3.2 3 " 1.00
AM2511M6-115 3.7AMP \$1.00



SQUARE "D" CIRCUIT BREAKER TYPE MO-4 "PLUG-IN"
OR CAN BE MODIFIED FOR DIRECT WIRING. FOUR (4) 20 A. CIRCUITS 115 VOLT 60 CYCLE SIZE: 4 1/2 x 2 1/2 x 2 1/2; WT: 8 OZ. CAT# M0482222 PRICE: \$1.95

MANUALS

\$3.00 EACH \$5.00 EACH

BC-191 BC-312-BC-342
BC-375 BC-603-BC-604
PP-867-868 BC-652-BC-653
869 BC-683-BC-684
PP-281-282 BC-659
494 BC-1000
PP-846 BC-1335
PP-804
PP-109-112

TCS-12 \$12

\$7.50 EACH PRS-3
BC-669/110 t-49
BC-1306/237. 1-72G-H-1-K
PP-351 1-129B
PP-638 1-208
TS-352

R-48/T-30 BC-221AH ONLY
T-14/R-19 HALLICRAFTERS
TS-175 S-20R SX-28
BC-221/211 NATIONAL
NC-100 HRO
BC-779 HALLICRAF S36

EE-94 & 95 CONTAINS TG-34
RD-60-VQ-3-BD-114 ETC \$7.50

FGC-20 & 21 CONTAINS TT-98
TT-99-TT-100 & PP-978 \$10

MOTOROLA FST-250, FMR-13, FMT-25A, P-8028, FMT-30 \$7.50

ARN-6 REVISED SOME PAGES MISSING, WITH ALL SCHEMATICS, R-101 & ASSOC. EQ. \$5

SCHEMATICS \$1.00 EACH

"BC" SERIES 923/924/603/604/652/653/624/625/224/348/659/620/645/669/733/745/778/779/683/684/929/1206/1306/1016/

"R" SERIES 48/77/122/320/28/316/257/394/105
T-23/T-67/RT-91/RT-58/RT-7,

SCR-625/PE-237/PE-110/TBY/RAX-1, 2 OR 3/ARB/FMR-13/ARR-2/TCS-REC OR TRANS/ART-13/MN-26/
COMMAND SERIES 274 OR ARC5

ARRL BOOKS

RADIO AMATEURS HANDBOOK \$6
RADIO AMATEURS OPERATING MANUAL \$2

COURSE IN RADIO FUNDAMENTALS \$3
LEARNING RADIO CODE \$11
HOW TO BECOME A RADIO AMATEUR \$1.50

UNDERSTANDING AMATEUR RADIO \$4
LICENSE MANUAL \$1.50
HINTS & KINKS \$1.50
SPECIALIZED COMMUNICATIONS \$3

V.H.F. MANUAL \$4
S.S.B. MANUAL \$4
ANTENNA MANUAL \$4
F.M. & REPEATERS MANUAL \$3

SURPLUS BOOKS

SURPLUS RADIO CONVERSION MANUAL VOL. NO. 1 \$3.50
CQ SURPLUS CONVERSION HANDBOOK, INCL COMMAND SETS \$4.50
THE SURPLUS HANDBOOK #1
RECEIVERS-TRANSMITTERS \$3.50
CQ ANTHOLOGY II 52-59 \$3.00
RTTY FROM A TO Z \$5.00
NEW RTTY HANDBOOK \$3.95
SEND 25¢ FOR LIST OF CONTENTS OF SURPLUS BOOKS ONLY

MIXER AMPLIFIER WITH TUBES 3/6247CK & 3/5703 WA
3/DELAY LINES, 2 MIC-SEC. TAPPED MICRO-EE
ALSO T7 RES. CAPACITORS ETC. SIZE: 8 1/2 x 7 1/2; 5 LB. #0151 \$7.00

MANUALS

ABBREVIATIONS: H.M.I. HANDBOOK OF MAINTENANCE INSTRUCTIONS/O.I. OPERATING INSTRUCTIONS/N.S. NO SCHEMATICS/I.B. INSTRUCTION BOOK/W.S. WITH SCHEMATICS.

ARC-27/ARC-55 O.I./N.S. \$3.00
ARC-44 I.B./W.S. \$10.00
ARC-60 I.B./W.S. 8.50
ARN-12 I.B./W.S. 5.00
ARN-30 O.I./N.S. 3.00
ARN-59 O.I./N.S. 3.00

ART-13 TRANSMITTER REPRODUCTION ONLY, OPERATING SCHEMATICS, MAINTEN. \$10
FRR-36 I.B./W.S. 8.50
w/R-394/PP-846

GRC-3-8 I.B./W.S. 8.50
GRC-9 I.B./W.S. 8.50
GRC-19 I.B./W.S. 8.50
GRC-26 I.B./W.S. 8.50
GRR-5 I.B./W.S. 7.50
PRC-6 I.B./W.S. 7.50
PRC-9A-10A I.B./W.S. 7.50
VRC-19 I.B./W.S. 8.50
w/R-394/T-278/DY-93
98-100/PP-867-8-9

RT-67-68-69 I.B./W.S. \$5.00
RT-70 I.B./W.S. 5.00
R-108-109-110 " 7.50
R-274 I.B./W.S. 10.00
R-390A I.B./W.S. 12.00
R-392 I.B./W.S. 10.00
R-394 I.B./W.S. 7.50
R-140 I.B./W.S. 7.50
R-257 I.B./W.S. 7.50
T-278 I.B./W.S. 7.50
T-368 I.B./W.S. 8.50
T-208-417 I.B./W.S. 8.50
DY-93-98-100 " 3.00

ARC TYPE 12 RADIO SET 8.50
COVERS R-10-11-15-19
T-11-13 & ACCESSORIES
SIMILAR R-508-509-R-22 AND OTHERS. H.M.I./W.S.
CV-431/R-508 ARC-60 8.50

R-520 RECEIVER \$ 8.50
R-220 RECEIVER 8.50
SPN-11 RADAR SET 8.50
TPS-1 RADAR SET 15.00
TV-7/U TUBE CHECKER 7.50
TG-34 KEYS 7.50
FR-5/URM-80 TEST SET 8.50
TS-172 TEST SET 8.50
TS-148/UPM-33 " 8.50
AN/URC-14 RADIO SET 7.50
GRC-10 " 8.50
CV-278 OPERATORS MAN. 5.00
GSA-7 " 5.00
ME-26 MULTIMETER 8.50
GRC-39/40/87 OPERATORS MANUAL 8.50

ANTENNA CHANGE-OVER RELAY 6 V.D.C. SWITCHES BCN TO SUB-MINIATURE COAX. SPDT. 2 1/2 x 1 1/2 x 1 1/2; 4 OZ. #3380-511125-1125 \$2.95

ARC-12 ANTENNA CHANGEOVER RELAY BNC CONNECTORS FOR EQUIP. UG-23-UG-21 F/ANT. REGULAR & AUX ANT. CONN. 24 VDC RELAY. W/BNC CABLES. \$2.75
UG-21 ANTENNA CONN. \$7.75

ANTENNA CHANGE-OVER RELAY, 6-24 VDC 16 OHM COIL, RE-MOVED FROM EQUIPMENT SIZE: 3x2x1; 1/2 LB. PRICE WITH TWO UG-88 COAX. CONNECTORS... \$2.00

IRE DETECTOR PHOTOELECTRIC RESISTANCE TYPE 1.5 MEG. MAX DECREASES WITH INTENSITY OF LIGHT. #6340-651-6213 SIZE 1 1/2 x 3 1/2 \$2.95

ANTENNA CHANGE-OVER RELAY, 6-24 VDC 16 OHM COIL, RE-MOVED FROM EQUIPMENT SIZE: 3x2x1; 1/2 LB. PRICE WITH TWO UG-88 COAX. CONNECTORS... \$2.00

IRE DETECTOR PHOTOELECTRIC RESISTANCE TYPE 1.5 MEG. MAX DECREASES WITH INTENSITY OF LIGHT. #6340-651-6213 SIZE 1 1/2 x 3 1/2 \$2.95

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IRE DETECTOR PHOTOELECTRIC RESISTANCE TYPE 1.5 MEG. MAX DECREASES WITH INTENSITY OF LIGHT. #6340-651-6213 SIZE 1 1/2 x 3 1/2 \$2.95

IRE DETECTOR PHOTOELECTRIC RESISTANCE TYPE 1.5 MEG. MAX DECREASES WITH INTENSITY OF LIGHT. #6340-651-6213 SIZE 1 1/2 x 3 1/2 \$2.95

IRE DETECTOR PHOTOELECTRIC RESISTANCE TYPE 1.5 MEG. MAX DECREASES WITH INTENSITY OF LIGHT. #6340-651-6213 SIZE 1 1/2 x 3 1/2 \$2.95

ART-13 TRANSMITTER

100 WATT AIRCRAFT AUTOTUNE TRANSMITTER

MAKES A VERY SATISFACTORY AMATEUR UNIT FOR 80, 40, 20 AND 10 METERS. THE AUTOTUNE FEATURE PERMITS YOU TO PRESET THE FREQUENCY DESIRED ON ANY 10 PRESELECTED CHANNELS. (FOR CONVERSION INSTRUCTIONS SEE MANUALS #2 & #3 \$3.50 EA. TUBE LINEUP 1/837, 1/813, 2/1625, 1/125J7, 2/6V6, 2/811, 2/12SL7, 1/12SA7. VOLTAGE REQUIRED 28VDC 10AMP, 400VDC, 225MA & 1250VDC 250MA. SIZE: 23x16x11 1/2 WT. 70LBS

PRICE: USED WITH TUBES \$39.50

CONNECTOR PLUGS FOR TRANS. U/7 & U/8 \$2.50 EA. DYNAMOTOR FOR ART-13 WITH FILTERS & RELAYS 28VDC INPUT. PRICE: USED \$12.95

NEW

CONNECTOR PLUGS FOR DYNAMOTOR U-9 or U-10 EACH \$2.50

CU-24/ART-13 ANTENNA SHUNT CAPACITOR CONSISTS OF 3 CAPACITORS, 25MMF 10KV PRICE USED \$1.00

O-17/ART-13 LOW FREQUENCY OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 TUBE. ALL OPERATING VOLTAGES ARE OBTAINED FROM THE TRANS. POWER SUPPLY. SIZE 5 1/2 x 5 1/2 x 7; WT. 4LBS. PRICE: USED \$7.50 UNUSED \$9.95

ART-13 HIGH FREQ. OSCILLATOR ASSEMBLY VARIABLE IN THE RANGE 1000 KHZ TO 1510 KHZ IN 2 BANDS. THE TRANS. IN WHICH IT USED IS DESCRIBED ABOVE. THIS CIRCUIT USES A 837 TUBE AND THE SOCKET IS MOUNTED ON THE UNIT, WITH AUTOTUNE & SCHEMAT. LESS TUBE. SIZE: 12 1/2 x 4 x 4; 10 LBS. ART-13/621 USED \$5.95

VARIOMETER COIL FOR ART-13 No. L112 ROTOR AND STATOR COILS WITH GEARED COUPLING. 4x5x3; 2LB. USED \$3.95

RELAY OUTPUT CIRCUIT SELECTOR F/ART-13 No. K105 IPDT, IPNO & IPNC, MYCALEX INS. 18-32 VDC. 6x2x3; 2LB. USED \$2

ART-13 AUDIO SPEECH AMPLIFIER CONTAINS TWO 6V6GT & ONE 12SU7 TUBES, CAN BE USED FOR CARBON OR DYNAMIC MIC. SIZE: 7x4x3 1/2; WT: 4LBS. USED STK #2C254 PRICE \$5.95

ART-13 CRYSTAL CALIBRATOR AND MCW OSCILLATOR UNIT; PROVIDES STABLE 50 KC FUNDAMENTAL FREQ. UTILIZING A 200 KC. CRYSTAL THAT IS USED TO CHECK THE CARRIER FREQ. OF THE TRANS. OSC. A 1000 CYC. TONE IS ALSO PROVIDED FOR MCW OPERATION. WITH 2/12SL7, 1/12SA7 TUBES AND 200 KC. CRYSTAL. SIZE: 6x5x3; WT: 4 LBS. RE-MOVED \$9.95

ART-13 KEYING RELAY & VACUUM SWITCH; THREE S.P.S.T., CONTACTS NORMALLY OPEN; ONE S.P.S.T., CONTACTS NORMALLY CLOSED; TWO S.P.D.T. AND ONE S.P.D.T. VACUUM SWITCH COIL VOLTAGE 28 VDC RESISTANCE 2 COILS 27 OHMS IN SERIES, CONTACTS RATED 28 VOLTS 8 ANPS. CONT. NON-INDUCTIVE LOAD WITH VACUUM SWITCH. SIZE: 3x4x5; 2 LBS. #K-102/S-116 STK. #2Z7595-7 RE-MOVED \$7.95

OSCILLATOR UNIT

CDA-T CRYSTAL OSCILLATOR UNIT FOR ART-13B TRANSMITTER; USED TO CONVERT TO CRYSTAL CONTROL FOUR CHANNELS ON LOW FREQ. 300-500 Kc. CRYSTAL SOCKET SIZE 5/32 DIA. 13/16x1/2 RECTANGULAR SELECTED FROM THIS UNIT. 10 CHANNEL CRYSTAL CONTROL FROM 1670 TO 18000 KC SELECTED FROM TRANS. CRY. SOC. SIZE 3/64 DIA PINS SPACED 1/8" C-C. W/TUBES 1625 & 6AQ5 ALSO 10/24VDC RELAYS, PLUGS INTO FRONT, DOES NOT EFFECT OPERATION OF VFO HIGH BAND. WT: 6 LBS. SIZE: 5x5x9. USED \$9.95 CONNECTORS \$1EA 2REQ.

COLLINS 618S-1 TRANSCEIVER 2 TO 25 MHZ, AM AND CW. 100 WATTS ON TRANSMITTER, CRYSTAL CONTROL 144 CHAN. USING CR-18/U CRYSTAL HOLDER. SAME CRYSTAL USED FOR RECEIVER AND TRANSMITTER. CROSSBAND OPERATION POSSIBLE BY CHANGING FREQUENCY SELECTOR PLUG-IN MODULES ARE USED IN BOTH THE REC. AND TRANS. WITH TUBES 3/5654, 2/5781, 4/5686, 8/5749, 3/5726, 4/5750, 2/5814, 5/6159 AND 0A2. ALSO 8/1N98 AND ONE 1N458 GERMANIUM CRYSTALS. THE POWER WAS NORMALLY SUPPLIED FROM 28 VDC DYNAMOTOR AND 115 VOLT 400 HZ. HOWEVER, 60 HZ OPERATION IS POSSIBLE WITH 600 VDC, 250VDC, -50 VDC, -65 VDC AND 6.3 VAC 115 V. 400 HZ FOR THE SELSYN THAT IS MOUNTED TO THE P.A. INDUCTOR COIL. SIZE: 15 1/2 x 8 x 2 3/4; WT: 60 LBS. PRICE: USED \$65.

TRANSCIEVER R.F. TUNER FOR COLLINS 618S-1. THIS SUBASSY. CONTAINS 1ST & 2ND R.F. AMP, 1ST & 2ND REC. MIXER, 1ST & 2ND TRANS. MIXER, I.F. AMP. DISCRIMINATOR, MULTIPLIER AND 2 DRIVER CIRCUITS. WITH TUBES 2/5654, 3/5749, 4/5750 & 2/5686. TUNING IS DONE BY THE SLUGS MOVING IN AND OUT OF THE COILS, FREQ. RANGE 2-25 MC SIZE: 8x7x6 1/2; WT: 10 LBS. #5821-547-5718-618S- PRICE: USED \$14.95

MODULATOR FOR COLLINS 618S-1 AUDIO DRIVE AND MODULATOR USES 2/6159, 1/5751, 1/5814 & 1/5726 TUBES. MODULATION TRANSFORMER INPUT 5500 OHM 300 V RMS, OUTPUT 4x5 2000 OHM 3000 V RMS 6x7 200 OHM 750 V RMS. MODULATION TRANSFORMER IS NOT PART OF THIS SUB-ASSEMBLY. SIZE: 4 1/2 x 3 x 6; WT: 4 LBS. #5821-505-3599/618S-1 PRICE: USED \$7.95

POWER AMPLIFIER 618S-1 COLLINS TRANSMITTER WITH VARIABLE INDUCTOR COIL 12.8 FT. #14 WIRE 27 TURNS, APPROX. 1000 WATTS FOR 2 TO 25 MC. COIL IS ROTATED BY 115 V. 400 CYC SELSYN CONT. MOTOR, USES 3/6159 TUBES ALSO LARGE CERAMIC ROTARY SW. COILS, CHOKES ETC. SIZE: 11x5x6; WT: 10 LBS #5821-547-3496/618S-1 PRICE: LESS TUBES \$14.95 WITH TUBES \$18.50 SCHEMATICS FOR 618S SUB-ASSEMBLIES EACH \$1.00 MATING CONNECTORS " " EACH \$1.50

VOLTMETER-RECEIVER

RYCOM 2174 FREQUENCY SELECTIVE VOLTMETER covers 0 to 420 KHz in 6 bands. Used as low frequency receiver by government. Selective bandwidth: 100 Hz, 3 KHz, 10 KHz. Sensitivity: .0003 v rms @ -70 db to 30 v. rms @ +30 db. With monitor selection for AM, LSB, USB, BFO 1, & BFO 2 signals. Control for balanced or unbalanced line of 135 ohm, 600 ohm, or bridge type. Includes built-in speaker and headphone jack. Power required: 115 vac 60 Hz. Size: 9x19x7 Shpg. wt: 25 lbs. Price: Used, repairable \$95.00 Checked \$125.00

RECEIVER 225 TO 400 MHZ

AN/URR-35 RECEIVER, 225 TO 400 MHZ CONTINUOUSLY TUNEABLE ON ONE BAND. RECEIVES AM VOICE, CW OR TONE. DUAL CONVERSION TYPE WITH FIRST IF 18.6 MHZ, SECOND IF 1.775 MHZ. PROVISIONS FOR PAN-ADAPTOR WITH 600 KHZ BANDWIDTH. INPUT IMPEDANCE 51 OHMS; AUDIO 60 MΩ INTO 600 OHMS OR 600 MΩ INTO 60 OHMS. SUITABLE FOR BENCH OR RACK MOUNTING. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 8 1/2 x 7 x 1 1/2; WT: 65 LBS. PRICE: USED, REPAIRABLE \$75.00 CHECKED \$95.

APR-4 RECEIVER

R-444/APR-4Y RECEIVER AND CV-253/ALR TUNING UNIT FOUR BAND TO COVER THE FREQUENCY OF 38 TO 1000 MC. USED IN AIRCRAFT AS SEARCH EQUIP. TO DETECT ELECTROMAGNETIC RADIATION, THE FREQ. OF SIGNALS, RELATIVE FIELD STRENGTH AND AUDIO OUTPUT. SELECTOR PERMITS CHOICE OF AM NARROW/WID OR FM. ALSO IF ATTN. SELECTOR, HET. SW., RANGE SELECTOR, SWEEP CONTROL & TUNING Knob. METER 2 1/2" FOR TUNING. ORIGINALLY DESIGNED FOR 115 V 400 CYCLE POWER SOURCE UNITS ARE AVAILABLE FOR 115 VOLT 60 CYCLE. ALSO REQUIRED IS 24 VDC FOR PILOT LIGHTS AND SCANNING MOTOR WHEN TUNING UNITS WITH MOTORS ARE USED. REC. USED SIZE: 8x10 1/2 x 12 1/2; WT: REC. ONLY 33 LBS. TU. 20LB PRICE: REC. ONLY \$95.00

ANY OF THE TUNING UNITS LISTED BELOW CAN BE USED WITH THE R-444/APR-4Y OR R-54/APR-4 WE WILL SHIP WHICHEVER RECEIVER IS AVAILABLE. R-54/APR-4 RECEIVER SAME AS ABOVE ONLY DIFF. POWER REQ. 115 VOLT 60 TO 2600 CYCLE & 24 VDC SAME PRICE AND TUNING UNITS CAN BE USED.

TUNING CONVERTERS FOR ABOVE APR-4 RECEIVER			
TN-16/APR-4 TUNING UNIT	38-95 MHZ	\$35.00	
TN-18/APR-4	" " 300-1000	" \$50.00	
TN-19/APR-4	" " 975-2200	" \$45.00	
TN-54/APR-4	" " 2150-4000	" \$80.00	
TN-1 / APR	" " 38-95	" \$25.00	
TN-3 / APR	" " 300-1000	" \$40.00	

TMC RFA-1 LINEAR POWER AMPLIFIER, 350 WATTS 2-TONE PEP OR 200 WATTS KEY DOWN. COVERS 2 TO 32 MHZ CONTINUOUS BAND-SWITCHED. OPERATING MODES WITH APPROPRIATE EXCITER: CW, MCW, LSB, ISB, DSB, FS OR PULSED. HAS AUTOMATIC LOAD AND DRIVE CONTROL TO LIMIT DISTORTION; FORCED AIR BLOWER FOR COOLING. USES TWO 4CX250B BEAM TETRODES IN PARALLEL. REQUIRES EXTERNAL POWER SUPPLY OF 360 VOLTS WITH FULL WAVE RECTIFICATION (PLATE), 150 V. (PLATE) AND -150 V. REGULATED (BIAS AND SCREEN). SIZE: 5 1/2 x 19 x 17, SHPG. WT: 35 LBS. PRICE: USED, REPAIRABLE \$100.00

TMC GPE-1A GENERAL PURPOSE EXCITER, 2 TO 32 MHZ. EMISSION SELECTOR FOR CW OR MCW (KEY) AND CARB. DYN, EXT (AM). REQUIRES 115/230 VAC 50-60 HZ. SIZE: 5 1/2 x 19 x 14, SHPG. WT: 40 LBS. PRICE: USED, REPAIRABLE \$75.00

TMC PMO-1 PORTABLE MASTER OSCILLATOR, 2 TO 32 MHZ. HAS TUNING CONTROL OF 4, 3, 5, 3, 2, 5 AND 2 MHZ; BAND SWITCH 2-4 AND 4-8 MHZ. FUNCTION MODES: FREQ. METER-CAL-EXCITER. REQUIRES: 115/230 VAC 50-60 HZ. SIZE: 9 1/2 x 19 1/2 x 17; SHPG. WT: 50 LBS. USED, REPAIRABLE \$85.

AMPLIFIER-CONVERTERS PLUG-IN UNITS USED WITH R-417 RECEIVER. OUTPUT IS TO 30 MHZ. CONTINUOUS TUNING OF R.F. AND OSCILLATOR. USED, COMPLETE. SIZE: 7 1/2 x 6 1/2 x 3 1/2; WT: 10 LBS.

AM-1179 50-100 MHZ, 5654, 5670, 6J4	\$39.50
AM-914 225-400 MHZ, 4/6J4, 5670	34.95
AM-1177 400-600 MHZ 2/5768, 6AF4, 6AN4	44.50

BAND PASS FILTER PLUG-INS FOR R-417/TRC RECEIVER.

F-193/U 121-142 MHZ		
F-195/U 163-184	"	
F-196/U 184-205	"	
F-197/U 205-226	"	
F-199/U 224-254	"	
F-200/U 254-284	"	
F-201/U 284-314	"	
F-202/U 314-344	"	
F-203/U 344-374	"	
F-204/U 374-404	"	
F-238/U 50.0-58.5 MHZ		
F-239/U 58.5-67.0		
F-240/U 67.0-76.0		
F-241/U 75.0-84.0		
F-242/U 84.0-92.5		

WRITE ABOUT OTHERS

AMPLIFIER-MULTIPLIERS USED AS PLUG-IN UNITS FOR THE T-302 TRANSMITTER, COMPANION TO THE R-417. UNITS COVER FREQUENCIES FM FROM 50 TO 600 MHZ, 120 WATTS. 12x6x14 40 LBS. USED-COMPLETE

AM-1180/GRC 50-100 MHZ, 4X150A TUBE	\$49.50
AM-2537/TRC 790-915 & 840-925 MHZ	\$59.50
AM-1178/GRC 400-600 MHZ, 2/4X150A	\$4.50

AUDIO AMPLIFIER

AM-864/U AUDIO FREQUENCY AMPLIFIER IS A PEAK-LIMITING UNIT FOR AM AND FM BROADCAST OPERATIONS. MAY ALSO BE USED IN RECORDING AND SOUND SYSTEMS REQUIRING AUTOMATIC REGULATION OF PROGRAM LEVEL. INPUT AND OUTPUT IMPEDANCE BOTH 600 OHMS CT. GAIN: 36 DB (MAX.) POWER OUTPUT: 6 MW INTO 600 OHMS. DISTORTION: LESS THAN 2% @ 400, 1000 & 5000 HZ. SPEED OF AUTOMATIC GAIN REDUCTION: 0.05 SECONDS; RECOVERY TIME: 2 SEC. NOISE LEVEL: 40 DB BELOW 6 MW. FREQ. RESPONSE: FLAT WITHIN 1 DB FROM 100 TO 5000 HZ. WITH TUBES 2/6SK7, 6SQ7, 6SN7, 5Y3. RACKMOUNT. POWER REQUIRED: 115/220 VAC 50-60 HZ. SIZE: 7x8x19; WT: 30 LBS. PRICE: RE-COND. \$24.95

AM-447 AUDIO FREQUENCY AMPLIFIER, VOLUME LIMITING TYPE, INSURES UNIFORM OUTPUT UNDER CONDITIONS WHERE THE RECEIVED SIGNAL LEVEL MAY VARY IN AMPLITUDE, ELIMINATING THE NEED FOR CONSTANTLY READJUSTING THE OUTPUT LEVEL. IT IS INTENDED TO BE USED RECEIVING EQUIPMENT, LINE AMPLIFIER OR

AMPLIFY THE OUTPUT OF A MICROPHONE FOR MODULATING TRANSMITTING EQUIPMENT. INPUT IMPEDANCE 600 OHMS, OUTPUT IMPEDANCE 200 AND 600 OHMS, AUDIO INPUT: -10 DBM TO -10 DBM, FREQ. RESPONSE FLAT WITHIN 2 DB FROM 300 TO 3500 CPS.. GAIN: 34.8 DBM MAX. AUDIO OUTPUT 3 WATT HAS INPUT, OUTPUT AND PHONE JACKS ALSO VOLUME CONTROLS. WITH TUBES POWER REQUIRED 115 VOLT 50/60 CYCLE. SIZE: 7x12x14; (NO COVER WITH UNIT) WT: 23 LBS. PRICES: USED SERVICEABLE \$8.95 TWO FOR \$15.00

AM-489/TP ELECTRONIC CONTROL AMPLIFIER FOR SERVO SYSTEMS. USED TO AMPLIFY THE ERROR VOLTAGE IN SYNCHRO CONTROL SYSTEMS, AMPLIFIED ERROR VOLTAGE IS THEN USED TO CONTROL THE ASSOCIATED SERVO MOTOR. P/O RD-54 RECORDER POWER REQ. 115 V. 60 CYCLE. WITH TUBES 1/5Y3GT, 2/6V6GT, 2/6SL7GT, 1/6SN7GT. (NO COVER) SIZE: 10x11x19; WT: 25 LBS. PRICE: USED, \$14.95

AMPLIFIERS

AM-142/AIC AMPLIFIER USED \$3.95
AM-26/AIC AMPLIFIER USED 4.95
NAVY TCS AMPLIFIER UNUSED 7.95
MD-2 SERVO AMPLIFIERS VARIOUS NO. USED 2.95

EE-89 TELEPHONE REPEATER AMPLIFIER 4.95
GSC-T1 CODE TRAINING KEY AMPLIFIER SET \$16.95
TAPE PULLERS FOR CODE TAPES MX NO. 14.95
J-45 TELEGRAPH KEY W/LEG BAND J-37 KEYS 5.00
BC1323 AUDIO AMPLIFIER 3 CHANNEL 6.95
IC/VWR-7 WIRE RECORDER (NO AMPLIFIER) 9.95
C-974/FRR-33 SELECTOR CONTROL F/R-390 \$24.95
C-975/UHR RECEIVER CONTROL F/R-390 \$24.95
TG-30 TELEGRAPH REPEATER OR TG-31 \$24.95
ATRSPEED INDICATOR ID-168B/APA-44 \$9.95

RADIOSONDE

AN/AMT-2 RADIOSONDE, 403 MC FM. A SINGLE PACKAGE INSTRUMENT WHICH CARRIED BY A FREE BALOON, IS USED TO TRANSMIT METEOROLOGICAL INFORMATION TO A GROUND STATION. THE FREQUENCY MODULATION IS CONTROLLED BY A SENSOR MECHANISM CONTAINING ELEMENTS CONTROLLED BY PRESSURE, TEMPERATURE AND HUMIDITY TOGETHER WITH A COMMUTATOR ARRANGEMENT WHICH SETS UP A SEQUENCE OF SIGNALS. USES 2 TUBES AND REQUIRES 1.5, 6 & 115 VDC FOR OPERATION. W/TUBES, LESS BATT. SIZE: 4x6x6; WT: 1 LB. PRICE: \$5.00

T-69F/AMT-2 RADIOSONDE TRANSMITTER ONLY. F-2 EMIS- SION (FM) 390 TO 410 MC RANGE WITH TUBES 5703 AND 5910. REQUIRES BB-208 DRY CELL BATTERIES (SOLD SEPARATE). SIZE: 6x5x2; WT: 2 LBS. \$1.50
BB-208 DRY CELL BATTERY SET WT: 1 LB. \$.59

NAVY TCS TRANSMITTER 1.5-12 MHZ A.M. 3 BANDS, 40 WATTS CW 20 WATTS PHONE, VFO, 4 CRYSTAL CONTROL PRE-SELECTED CHANNELS WITH TUBES 3/12A6 & 4/1625. VOLTAGES REQ. 12 VDC & 400 TO 440 VDC @ 200 MA. SIZE: 11x11x13; WT: 4 LBS. PRICES: USED REPARABLE \$34.50 CHECKED \$44.50

NAVY TCS RECEIVER 1.5 TO 12 MHZ. A.M. IN 3 BANDS, CRYSTAL CONTROL ON 4 PRESET FREQ. IN THE FREQ. RANGE. CONTINUOUS TUNING OVER THE ENTIRE FREQ. RANGE. AUDIO OUTPUT 1.5 INTO A 500 OHM LOAD. WITH TUBES 3/12SK7, 1/12SA7, 1/12SQ7, 2/12A6. (VOLTAGES REQ. SIZE: 11x11x13; 37 LBS. (12VDC/220VDC/100MA) PRICES: USED REPARABLE \$44.95 CHECKED \$54.95

TCS ACCESSORIES
REMOTE CONTROL BOX WITH SPEAKER USED \$ 9.95
TRANS. ANT. LOADING UNIT USED 14.95
DYNAMOTOR P.S. F/REC & TRANS. 12V 14.95
REC. TO P.S. CABLE 2.75
TRANS. TO P.S. CABLE 2.75
CONTROL BOX TO P.S. CABLE 4.95
CONNECTOR PLUGS FOR ANY OF UNITS, EACH 2.00
MOUNTING BASE W/ SHOCK MOUNTS 4.75
SHOCK MOUNTS ONLY EACH .75
NOISE LIMITER CONVERSION KIT F/REC 3.00
AC POWER SUPPLY 115 VOLT 60 HZ TRANS. 40.00
REC. ONLY W/SPEAKER \$25. REC & TRANS. 55.00
FOR MORE INFORMATION PLEASE WRITE

RECEIVERS & TRANSMITTERS

LINK REC-TRANS. #5FRX 30-40 MHZ FM U. \$29.50
LINK RECEIVER #1905 152-172 MHZ FM U. \$24.95
LINK RECEIVER #11UFED6 30-50 " " U. \$24.95
LINK RECEIVER #BC-499 20-28 " " M. \$18.95
R-127 REC. 2 CHANNEL 162-174 " " U. \$14.95

MAB NAVY REC-TRANS. 2.3-4.5 MHZ AM U \$ 9.95
DAV " " " 2.3-4.5 " " U \$12.95

F-193 TRANS. 30-40 MHZ FM 40 WATT UN \$14.95

BUDELMAN 142BW RECEIVER 840-940 MHZ \$100.00
R-89/ARN-5 RECEIVER GLIDE PATH 332-335 9.95
R-430/ARN-5 " " " " " " 12.95
R-122/ARN-12 " 75 MHZ 9.95
R-65/APN-9 LORAN RECEIVER \$65.00
R-322/ARN-18 RECEIVER \$24.95
ARR-46 RECEIVER 24 TO 51.9 MHZ. \$65.00
COMCO MODEL 278 TRANS.-REC. 275 MHZ \$30.00
RT-91/ARC-2 TRANS.-REC. 2-9.5 MHZ. \$50.00
T-95/CRT-2 ROCKET TRANS. 1330-1850 KHZ \$24.95
T-30/TRC-8 TRANSMITTER 230-250 MHZ \$25.00
TA-188B TRANS. 118-135.9 MHZ A.M. \$59.50

BC-1206 RECEIVER 200-400 KC, SOLD "AS-IS" BECAUSE IF COIL MAY BE OPEN, LESS TUBES \$2.95
BC-733 RECEIVER 108.1-110.3 MHZ REPARABLE \$9. PREVIOUS CATALOGS WILL DESCRIBE ABOVE ITEMS.

REMOTE CONTROL RECEIVER

R-32/ARW-2 REMOTE CONTROL RECEIVER CAPABLE OF ACTUATING TEN CONTROL FUNCTIONS; NO MORE THAN THREE AT ONE TIME. OPERATES FROM 30 MHZ TO 42 MHZ FM. SENSITIVITY: 1 TO 5 U-V. ADJUSTABLE. TONE CHANNEL FREQUENCIES: 300, 420, 590, 830, 1155, 1620, 2270, 3180, 4450, AND 6230 HZ. INPUT IMPEDANCE: 50 OHMS. WITH TUBES 5/12SN7, 2/12SH7, 12SJ7, 12SA7, 3/6AC7, 6V6, 6H6. POWER REQUIRED: 370 VDC 120 MA. SIZE: 8x10x2; SHPG. WT: 50 LBS. PRICE: USED, LESS DYNAMOTOR \$24.95

RT-35/AM RADIOSONDE TRANSMITTER-RECEIVER 675 TO 725 MC, USED FOR WEATHER AND RADAR OBSERVATION WITH 4/1L4 & 1/2C35 TUBES. VOLTAGE REQ. 90 VDC & 1VDC SIZE 3x4x10; WT: 5 LBS. PRICE: NEW \$3.95

AS-874 ANTENNA ROTOR, 28 VDC 4 AMPS. APPROX 33 RPM, W/SEL SYN 2J1F3, R.F. CABLE FEEDS THROUGH CENTER OF ANT. MOUNTING AND USES 6 BOLTS. COAX. REPT. TAKES UG-494 CONN. USED SIZE: 9x12x10; 20 LB. \$24.95

DIGITAL DISPLAY

DIGITAL DISPLAY: EACH UNIT WILL SHOW NUMBERS 0 TO 9 ALSO \$ SIGN 3-3/16" HIGH ON 3x4 SCREEN THAT CAN BE SEEN FOR QUITE A DISTANCE. OPERATES FROM 6.3 VAC. CAN BE ADAPTED FOR BASKETBALL FOUL INDICATOR BY PLACING ONE OVER EACH SCOREBOARD AND HAVE A CONTROL PANEL CONSISTING OF 5 SWITCHES AND TRANSFORMER AT THE SCORER'S TABLE. (WIRING DIAGRAM FURNISHED ON REQUEST) CAN ALSO BE ADAPTED FOR USE AS A MOVING READOUT BOARD. SIZE: 3x5x11; WT: 7 LBS. PRICE: USED \$5.95 EACH 2 FOR \$10.00

CU-168 ANTENNA COUPLER; PROVIDES MEANS FOR OPERATING 5 RECEIVERS FROM ONE ANTENNA SYSTEM. UNBALANCED LINE NOMINAL INPUT 70 OHMS IMPEDANCE SAME FOR OUTPUT. FREQ. RANGE 2-32 MHZ, EACH COUPLING UNIT HAS 4/12AU7 TUBES. POWER REQ. 115 V. 50 TO 400 HZ. W/TUBES CONN. & MANUAL. RACK MOUNTING 19x8; WT: 75 LBS. UNUSED \$29.95

CU-992/URR MULTI-ANTENNA COUPLER FOR USE IN THE 2 TO 32 MHZ RANGE, CAN BE USED WITH 6 RECEIVERS FROM ONE ANTENNA SYSTEM. WITH TUBES 8/6AH6, 2/OB2 & 1/5U4G. POWER REQ. 115 V. 60 HZ. T.M.C. #AMC-6 RACK MTG. 19x8x15; WT: 40 LBS. REPARABLE \$25

TV-2/U DYNAMIC MUTUAL CONDUCTANCE ELECTRONIC TUBE TESTER for portable use. Used to test and measure performance capabilities and to determine rejection limits for electron tubes used in receivers, low-powered transmitters and other electronic equipment. Has provisions for checking tubes up to 9 pins including acorn, novaf, 7 pin trans., etc. Meters 2 1/2" for reading filament, grid, plate, screen, signal and transconductance (percent quality) which is 10,000 ohms per volt. All the important tests can be made on this unit and it will also test tubes under the actual operating conditions by setting the proper voltages that are indicated on the meters. Power required: 103 to 125V.; 50 to 1600 cycles. Size 173/4x16x8; shpg. wt: 45 lbs. Price: used reparable \$75.00 Chkd \$95.00

TV-2 PARTS: meters, sockets switches, transformers, etc. available. Write your needs.

DIGITAL DISPLAY

ID-953 DIGITAL DISPLAY; six Burroughs 8421 (B-5092) NIXIE. Amber-colored filter; BEZEL marked hours, minutes, seconds. Has two Amphenol 57-40500 connectors (mates not available). With two spare 8421 NIXIE. 3 1/2" h x 4" d for standard rackmount. Price: Unused, \$39.95

CARRIER MONITOR: WHEN COUPLED TO AN ANTENNA TRANSMISSION LINE IT PROVIDES DIRECT CURRENT TO A REMOTE POSITION WHICH CAN BE USED AS AN INDICATION OF PROPER TRANSMISSION. THE OUTPUT AMPLITUDE IS PROPORTIONAL TO THE CURRENT FLOW IN THE TRANSMISSION LINE. INPUT IMPEDANCE 600 OHM, OUTPUT IMP. 600 OHM. OUTPUT LEVEL - 3DBM FOR 100% MOD. INTO 600 OHM LINE. WITH TUBES 6X4, 6J6, 6AL5, V103. VOLTAGE REQ. 115/230V 60 CYC. OUTPUT JACKS AND CONTROLS ON FRONT PANEL. ALSO 2 VACUUM CAPACITORS 3MFD 15 KV AND LEAD FOR CONNECTING TO 500 TO 50K WATT TRANSMITTER IN THE 2 TO MC. RANGE. UNIT ALSO HAS COVER. SIZE: 6x6x8; 15 LBS. #1028017 UNUSED \$4.95

Control Boxes

Filters

Indicators

Tuning Units

Amplifiers



ALARM BELL
OPERATES FROM
24 VOLT D.C.
SIZE: 4 1/2 x 4 1/2 x 2 3/8
WT: 1LB #561-3
NEW \$1.95



**RADIO COMPASS
INDICATOR 5"**
MN-98 CANADIAN.
W/AUTOSYN AY144
A), CAN BE USED
W/AS-313/ARN-6
ANTENNA OR AY-201 AUTOSYN
AS TRANSMITTER. UNUS'D \$15



**1-101 CROSS
POINT INDICATOR**
FOR COMBINED USE
FROM LOCALIZER
REC. & GLIDE PATH
REC. PART OF /RN-
5 & RC-103. SIZE 3 1/2 x 3 1/2 x 3
WT: 3LBS. RECOND. \$2.95



**SHAFT EXTENDER-
COUPLER-INSUL-
ATOR**, CAN BE
USED FOR ANY OF
THESE PURPOSES. METAL COUP-
LER 1/2" LG. 3/8" DIA. WITH 2
SET SCREWS ON EA. END. FOR
1/2" SHAFT ALSO HAS FIBER INS-
ULATED SHAFT 3/8" LG. WITH
SLOTTED END.
#T-278-C 39¢ EA. 3 FOR \$1

**NOISE-VOICE
ACTIVATED
TRIGGERING
DEVICE**
WHEN
CONNECTED
TO 6-
9 VOLTS
AND A
RELAY
OF THE
SAME
VOLTAGE THE RE-
LAY CAN BE ACTI-
VATED BY NOISE
OR VOICE. UNIT CONSISTS OF
CRYSTAL MIC. TRANSISTOR, SCR
2 CAP. 3 RES. AND A TRIMMER
POT. FOR ADJUSTING SENSITI-
VITY. W/SCHEMATIC/LESS BATT
AND RELAY. SIZE: 1 1/2 x 1 1/2 x 2 1/2.
LEE#5355 PRICE: \$1.95 3/5z.



RM-21 CONTROL BOX
WITH HANDSET HOLDER
3 PUSH SWITCHES,
VOLUME CONTROL, MIC
AND PHONE JACKS ETC
SIZE: 10 1/2 x 7 1/2 x 8 LB
PRICE; NEW \$3.95

**ID-637/ARN INDICATOR AZIMUT
RADIO COMPASS 3"** UNUS'D \$10

ID-91B INDICATOR 3" NEW \$10

AY-201 AUTOSYN THAT CAN BE
USED WITH THE ABOVE INDICAT-
ORS AS A TRANSMITTER TO MAKI
WIND DIRECTION UNIT. RM \$2.95



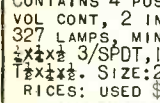
**C-345A/MRC-2
CONTROL BOX**
HAS VOLUME
CONTROLS,
PHONE & SPEA-
KER JACKS,
FOR TWO RECEI-
VERS A & B.
ALSO 2 1/2 FT CORDS W/PL-68
PLUGS TO CONNECT THE UNIT
WITH A & B. 6x3 1/2 x 2 WT: 4LB
PRICE: \$3.95

MN-40 INDICATOR
0-360 DEGREE SCALE
SIMILAR TO ABOVE
EXCEPT THAT IT IS
OPERATED MECHANIC-
ALLY BY USE OF A
SPLINED FLEXIBLE
SHAFT OR SPIN KNOB OR BOTH.
MN-40 INDICATOR 5" \$2.50
MC-124 SHAFT 20" \$1.50
MC-137 SPIN KNOB \$1.00

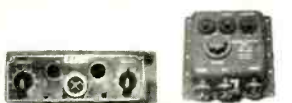


**SB-329 SIGNAL
DISTRIBUTION
CONTROL BOX**
USED W/ARC-44
RADIO SET.
CONTAINS 4 POS. SEL. SWITCH
VOL CONT, 2 IND. LITES WITH
327 LAMPS, MINITURE SWITCHES
3/SPDT, 1/SPDT & 1/DPD
1 1/2 x 2 1/2. SIZE: 2 1/2 x 5 1/2 x 4 1/2; 5 LB
RICES: USED \$3.95 NEW \$7.95

1-81 OR 1-82 ARMATURES
3H2716/AI ALSO MC-217/507
ARMATURES 3H2740-A5 NEW \$5



KY-149/AR KEYS
CONTAINS A ANT
ENNA SWITCHING
RELAY, A LOBE
SWITCHING RELAY
AND A 27.5 VDC PM MOTOR 60
RPM, PANEL HAS 4 BNC COAX.
CONN. AND 2 PIN POWER PLUG.
SIZE: 2 1/2 x 5 x 7; 3 LB. NEW \$8.95



**C-493A/VRC-2 CONTROL BOX W/
VOL. & SQUELCH CONTROLS, RED
& GREEN IND. LIGHTS, AND STU-
4-PRONG AMPHENOL MIKE RECEPT-
ACLE. SIZE: 7x2 1/2 x 2 1/2 WT: 3LB
PRICE: UNUS'D \$2.95**



**LS-230 INTERCOMM-
UNICATION STATION
CONTROL BOX**
CONTAINS 3 ROT-
ARY 3 POSITION
LEVER CONT. SW
1 LEVER SW. OP
DT CENTER OFF,
1 LEVER SW. SPST 1 SIDE,
OTHERSIDE SPST MOM. & CENTE
OFF. 3 LITE IND. PHONE &
MIKE JACK & 1 MIN. TRANSFOR
50 TO 500 OHM. SIZE: 7x5x2 1/2;
WT: 3 LBS. PRICE: \$5.95

**REMOTE CONTROL BOX FOR TCS
EQUIPMENT, CONTAINS 3 SPST
SWITCHES, 2 PHONE AND MIC
JACKS ALL WATERPROOF, 1
DUAL POTENTIOMETER WITH
DIAL KNOB. SIZE: 5 1/2 x 5 1/2 x 3,
WT: 3LBS. #CMX23429 NEW \$1.00**

**FLASHER POSITION
LIGHT, PERIODIC
AIRCRAFT TYPE
C-2, CONTAINS
2 FLASHER G-107
BALLAST TUBE,
24VDC RELAY OPDT, COND, RES.
SIZE: 4x4x4; WT: 2 LBS. USED
PRICE: \$1.00 EA. 2/\$1.50**

CAMERA LIGHT FILTER
GRAY COLOR 50%
TRANS. SCREW IN
MOUNTING. 2-23/32
69MM DIA. WRITTEN
DENSITY .30 FOR
WOLLENSAK TYPE V254 MM F4.5
35 MM P/O PH330G CAMERA
8A1101-50.4 \$1.95

CONNECTORS
PL-58 AND JK-37 THREE
PRONG PLUG AND JACK.
PLUG IS KEYS TO
PREVENT INSERTING
PLUG BACKWARDS.
2x3x1 1/2 EACH \$.59
PAIR 1.00

CONNECTOR PLUGS
15 CONTACT
SIZE: 2 1/2 x 1 1/2 x 1 1/2
PER PAIR \$1.50 P-601

18 CONTACTS
2 1/2 x 2 x 1
P-2802
PER PAIR \$2.00

35 CONTACT CONNECTOR
MALE #621905
FEMALE #407375
SIZE 2 1/2 x 1 NO COVER \$1.50 PR.

**15 CONTACT, POLARIZED 3
LARGE CONT. SIZE 1 1/2 x 2 AMP
#26-150 F/CHASS.#151 W/CC
USED \$1.50**

**GENERAL
ELECTRIC
HEAVY DUTY
MULTI-SWITCH**
FOUR CONTACT 3
POSITION & OFF.
POS. 1 & 2, 2 & 3, AND 3 & 1
SIZE: 5 1/2 x 2 1/2; WT: 3 LBS.
GE#165B1GF11X4/SB-1 \$4.95

**BB-208/AMT RADIO
SONDE DRY CHARGE
BATTERIES, 4 IN
A VACUUM PACKED
CAN, ONE 6V 2 1/2 HR
THRU 30 OHMS, 3
36V EA. 3A HR.
THRU 1200 OHM. EA. BATT. SIZI
1-5/16 x 29/32 x 4-5/32; WT. EA.
BATT. 4 1/2 OZ.
BATTERY PACK (4) \$1.29**

**N-T-6 PLASTIC
STORAGE BATTERY**
DRY CHARGE, 6
VOLT 4 AMP. 3 1/2 x
2 1/2 x 2; 1 1/2 LB \$3.95

**WILLARD PLASTIC
STORAGE BATTERY**
2 VOLT 28 AMP. HOUR NON-
SPILLABLE, BALL INDICATOR
DRY CHARGE, ADD ELECTROLYTE
SIZE 4x5x3; WT: 4LB. \$2.95

**AUTOTUNE HEAD FOR ATC/ART-
13 TRANSMITTERS. MULTITURN
UNIT WITH DIAL 0-100, KNOB,
REVOLUTION COUNTER, LOCKING
DEVICE FOR PRESETTING.
CONTROL "B". COL#23518
PRICE: \$1.95**

**FLEXIBLE
COUPLING**
METAL FLEXIBLE COUPLING 2"
X 1 1/2" FOR 1/4 TO 1/4 SHAF
COUN002 EA. \$.40

INSULATED FLEXIBLE COUPLING
1" x 1/2" FOR 1/8" SHAFT.
COUN003 \$.25

**JOHNSON CERAMIC COU-
PLING 2x2 F 1/4" SHAFT**
#COUN006 59¢ 2 FOR \$1

METAL FLEXIBLE COUPLING F1
1" TO 3/8" SHAFTS. 1" DIA.
1 1/2" LONG.
COUN005 \$.25

**TERMINAL
BOARD, P/O
BD-71**
SWITCHBOARD. HAS 15 BRASS
BINDING POSTS ON INSULATING
BOARD SIZE 3 1/2 x 16 1/2; WT: 3LB
PRICE: \$1.50 EACH 4/\$5.00

**VIEWING HOODS
FOR OSCILLOSCOPE**
TEKTRONIX 5" RD.
PLASTIC BARREL
RUBBER VIEWER.
5" RD X 1 1/2; 4 LBS
#3669 NEW \$3.00

FL-30 BEAM FILTER
AIR FORCE TYPE
WITH SWITCH FOR
ACCEPTING OR REJECT-
ING 1020 CYCLE
SIGNAL FOR REC.
WITH JK-26 & PL-55 PLUGS,
SIZE: 2 1/2 x 2 1/2 x 3 1/2; 1LB. USED \$3.

CURRENT TRANSFORMER
FOR USE WITH
AC AMMETER, MOLDED
TOROIDAL CONST
200/115 V 400 CPS
CURRENT RATING
500; 0.65 AMPS. 2 1/2 x 2 1/2 x 2 1/2 IN.
4 OZ, # 7499 \$.75
SIMILAR TO ABOVE OPEN
TORROIDAL. RATING 250; 2
AMPS 400 CPS. WEST. TYPE
AVT-15A 3x3x1, 8 oz. \$.75

**WATER ACTIVATED
BATTERY BA-316/AM**
7 1/2 V. AND 114 V.
3 1/2 x 3 1/2 x 3 1/2; 3oz. \$1 1/2
BA-315 MERCURY BATT
FOR URC-4 OUTDATED
SOLD "AS-IS" \$5
NICKEL CADMIUM BATTERIES
BB-422 CELL 1.2 V. 14 AMP.
HR. 3 1/2 x 7 1/2 x 1, USED \$8.00
BB-600 CELL 1.2 V. 34 AMP.
HR. 3 1/2 x 8 1/2 x 1 1/2, USED \$15.00

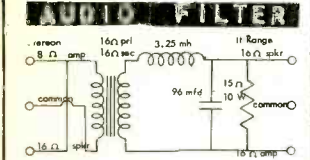
SILVER CELL
SILVER CELL DRY
CHARGE BATTERY, 1.5
V. APPROX. 8 AMP.
MIN. REQ. 3.4 CC OF
1300 SPECIFIC GRAVITY POTAS-
SIUM HYDROXIDE FOR ACTIVA-
TION. SIZE: 1 1/2 x 3/8. #EP148E
PRICE: \$3.95 EA. 3 FOR \$10

**16 KEY KEYBOARD
BY MICRO SWITCH
CONTACTS RATED
12V 6MA TO SING-
LE COMMON BUS.
BUTTONS .5x.5x.2. 0 THRU 9
RESET, DELETE, CARD NO.,
\$ AMT, PROCESS, FCT. SIZE
3x3x1 #16NW3-44 NEW \$6.95**

VERNIER DIAL 6"
2 SCALES WITH
LOCK. USED ON
TAJ TRANSMITTER
MO TUNING. 5 LBS.
\$3.50

VIBRATORS
VB-16/6, 12 OR 24 VOLT
FOR PE-237 \$12.00
TYPES LISTED BELOW
\$1.95 EACH
VB-1/6 VOLT FOR PE-117
PE-97 & PE-237
SAME AS VB-7
VS-3/6 VOLT FOR PE-104
SAME AS MALL-5500
G534/12 VOLT FOR PE-110
VB-8/2 VOLT FOR PE-157
VB-9/6 VOLT FOR PE-157
VB-11/24 VOLT FOR PE-12
VB-12/6 VOLT FOR PE-120
VB-13/12 VOLT FOR PE-12

**BB-51 BATT
ERY 6 VOLT
2.75 HOURS
THRU 300HMS
LEAD CELLS
SIZE 1 1/2 x 3 1/2
x 7/8. 5 OZ.
DRY CHARGE
PRICE:
3 FOR \$1.50
BB-52 BATTERY, SAME AS
BB-51 EXCEPT 36V. EA. 3A.
HR. THRU 1200 OHM.
PRICE 3 FOR \$9.5**



AUDIO FILTER
ELECTRO-VOICE FILTER EVXX3
IS A AUDIO FREQ. FILTER
THROUGH WHICH TWO AUDIO
AMPLIFIERS CAN BE CONNECTE
TO 2 SPEAKER SYSTEMS.
ALL BASS FREQ. BELOW 300
CPS ARE PASSED TO ONE SIDE
OF THE SYSTEM WHILE THE
HIGHER FREQ. ARE PASSED
WITHOUT CHANGE TO BOTH SYS
TEMS. IN A STEREO SYSTEM
THIS ELIMINATES THE NEED
FOR 2 FULL RANGE SYSTEMS.
CAN ALSO BE ADAPTED TO
OTHER USES. #EVXX3F
5 1/2 x 4 1/2 x 5 1/2; 8 LBS. NEW \$2.95

SYLVANIA LAMP SOCKET STRIP
8 SOCKETS 1/2" CENTERS \$1.00 EA
28V LAMP 28PSB 30¢ EA. 4/\$1

**TS-446 R F
NEON INDICATOR**
PROBE, NE-2. CLIP 4 1/2 x 3 1/2 \$1.00

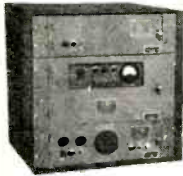
BC-938A BC-451 BC-136/2
BC-938A CONTROL BOX WITH 7
push button switches marked A, B,
C, D, OFF, 1 & 2. Also tone, SW & voice
switch & connectors.
Price.... \$2.00

BC-451 CONTROL BOX with switches
tone-CW-voice, on-off, 1/2/3/4
also code key, mic & phone jacks.
AUTO REMOTE CONTROL ASSY.
MIC. JACK, PILOT LITE, ON-OFF
SWITCH & 6 FT. 8 COND CABLE
MOUNTED TO PLATE 3x3" 2LBS.
PRICE: \$1.25 EA. 3/\$3.00

**REMOTE STATION LINE
PANEL BOX** HAS THREE
POSITION SELECTOR
SWITCH, 2 BULLS EYE
INDICAYOR LIGHTS, 115 VAC
LINE CORD ETC. (NO BELL INC
3 1/2 x 6 x 4; 3LB.
#K-53-1604S NEW \$1.95

MINIMUM ORDER \$5.00

RADIO TELEPHONE LINK



AN/TRC-47 RADIO SET IS PRIMARILY USED AS PART OF A 3 MILE SINGLE CHANNEL RADIO LINK IN A TWO WIRE TELEPHONE SYSTEM. A CONVERTER IS USED TO CONNECT THE TWO SYSTEMS. THE UNIT IS SINGLE CHANNEL AM CRYSTAL CONTROL FOR USE IN THE 132 TO 150 MC BAND AND REQUIRES 115 OR 230 VOL 50 TO 400 CYCLE FOR OPERATION. THE TRANSMITTER OUTPUT IS 7 WATTS AND COMES WITH TUBES 1 EA. 2E26, 5763, 5R4, 6AK6, 0A2 12AX7, 2 EA. 12AU7 & 6L6, TUNING METER & METERING SW....RECEIVER HAS SPEAKER AND TUBES 1 EA. 12AT7, 6AC5, 12AX7, 6AX5, 2 EA. 6BA6, 6J5, 0B2 & 4/6AK5...THE CONVERTER IS A COMBINED RINGING SIGNAL CONVERTER AND ELECTRONIC HYBRID NETWORK. IT CONVERTS A 20 CYCLE SIGNAL TO A 800 CYCLE AND 800 CYCLE FROM THE REC TO 20 CYCLE SO THE SIGNALS CAN BE TRANSMITTED AND ADAPTES TO TWO AND FOUR WIRE TEL. SYSTEMS. WITH TUBES 3 EA. 12AT7. 1 EA. 6AS6, 6AK6, 0B2, 2/0A2 & 3/6X4.

CABINET SIZE 21x14x22; SHPG. WT: 100 LBS. PRICES: USED SERVICEABLE \$59.50

RT-159/URC-4 RADIO RECEIVER-TRANSMITTER USED FOR GROUND TO AIR-CRAFT RESCUE WORK. VHF FREQ. 120-130 MC. UHF FREQ. 240-260 MC. CRYSTAL CONTROL TRANSMITTER, SUPER REGENERATIVE RECEIVER. DIPOLE COLLAPSIBLE ANTENNA AND COMB. MIC & EARPHONE ARE PART OF THE SET. WITH 8 TUBES 4/6050, 2/6147, 2E32, & 3Q4. BATTERY VOLTAGES REQUIRED 1.4 AND 90 VDC. UNITS USED SERVICEABLE.



SIZE: 3x7x2; WT: 3LBS. PRICE: USED \$14.95
CX-1093A/U POWER CABLE FOR URC-4 \$1.50

URC-4 TEST SET, TS-684/URM-30 USED FOR ALIGNMENT AND TESTING RT-159 REC TRANS. CONTAINS 0-1 MA. METER, CRYSTAL OSC., METERING SW. ANTENNA, CABLE ETC. IN CASE SIZE 6x6x4. WITH INSTRUCTIONS IN THE COVER PRICE: NEW \$9.95

RT-285/URC-11 RECEIVER-TRANSMITTER SIMILAR TO URC-4 RESCUE UNIT FOR USE BETWEEN AIRCRAFT AND GROUND. UNIT IS SET FOR 243 MC. TELESCOPING ANT. REC.-TRANS-TONE SW. BUTTON VOLTAGES REQ. 1.4 & 90 VDC. SAME AS URC-4 ALSO URC-4 TEST SET CAN BE USED; TS-684 SHOWN ON PAGE 16 SIZE: 3x1x4; WT: 1 1/2 LBS. PRICE: USED..... \$18.95

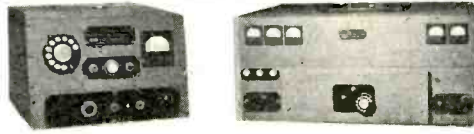
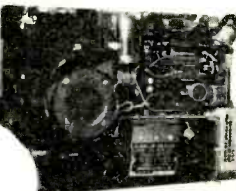
CRYSTAL CALIBRATOR WITH THREE SEPARATE OSCILLATORS. 10, 100, 1000 KHZ. WORKS FROM 1 TO 30 MHZ ON 1000 KHZ OSCILLATOR; 100 KHZ TO 10.5 MHZ ON 100 KHZ; AND FROM 10 KHZ TO 10 MHZ ON 10 KHZ. ORIGINALLY DESIGNED FOR USE WITH NO. 19 MK III RECEIVER-TRANSMITTER. WITH CRYSTAL SELECTOR, CABLE, AND PLUG. POWER REQUIRED: 12 VDC @ 0.5 A. & 265 V. @ 2.5 MA. SIZE: 2x9x4; WT: 7 LBS. USED, \$12.95



APX-6 R.F. HEAD A-403 p/o RF-29 WITH COUNTERS AND ANTENNA INPUT. USES TUBES 2C42, 2C46 & 1B40 8x8x3; WT: 6 LB. LESS TUBES \$4.95

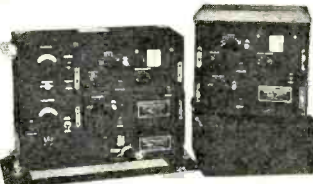


R-425B/ARN-59 RECEIVER USED IN PILOT LESS AIRCRAFT IN THE 406 - 420 MC. F.M. BAND, 15 CHANNELS WITH A RESONANT AUDIO TONE OUTPUT IN THE FREQ. RANGE OF 7.5 TO 22.17 K.C. SENSITIVITY 5 MICROVOLTS WITH TUBES 8/5840, 5/5702, 6/5718, 2/5647, 1/5639 ALSO 2 CRYSTALS, 24 VDC BLOWER AND DYN. 24 VDC 2.3 A. OUTPUT 128 V. 205 MA. SIZE: 9x8x6; WT: 10 LBS. USED \$14.95



BC-1100 TRANSMITTER; 1.5 TO 10 MHZ, CRYSTAL CONTROL OR MO. ON ANY 4 PRESELECTED CHANNELS BY LOCAL OR REMOTE DIALING OR ON/OFF OPERATION 75 WATT C.W. 50 WATT PHONE. POWER REQ. 115/230 VOLT 50/60 CYCLE. WITH TUBES 2/6L6, 3/807, 1/VR-150, 1/5Z3 & 2/RK-60. MANUAL ONLY \$ 5.00 SIZE: 40x18x30; WT: SHPG. 411 LBS. NEW \$75.00

RM-40 REMOTE CONTROL & AMPLIFIER FOR ABOVE TRANSMITTER, HAS PULSE DIAL CIRCUITS THAT CAN BE USED TO OPERATE TRANS. OVER TELEPHONE LINE; OR WIRE, MIC. AND PHONE AMP. AND LINE LEVEL METER. POWER REQ. 115/230 V. 50/60 CYC. WITH TUBES 2/6J5 & 1/80. SIZE: 10x14x3; WT: 50 LBS. NEW \$35.00 CARBON MICROPHONE \$7.95 MANUAL \$5.00



RC-223 TRANSMITTER, 25 WATT 2000 TO 5000 KHZ WITH THREE PLUG-IN TUNING UNITS. CRYSTAL CONTROL AND VARIABLE OSCILLATOR. FOUR PRESELECTED CHANNELS USING FT-171 CRYSTAL HOLDERS. WITH TUBES 801 OSCILLATOR, 801 POWER AMP, 2/46 MODULATORS, 46 AUDIO AMP. 0-3 RF AMP AND 0-300 VDC METERS. VOLTAGE REQUIRED 12 OR 24 VDC AND 500 VDC @ 150-200 MA. SIZE: 18x13x7 WT: 100 LBS. PRICE: W/TUBES, THREE TUNING UNITS, AND CASES FOR TWO TUNING UNITS, NEW \$19.95



RT-380/AR RECEIVER-TRANSMITTER 2 TO 18.5 MC C.W. PHONE, 100 WATT TRANS. AM CRYSTAL CONTROL ON 10 PRESELECTED FREQ. RECEIVER 50 MW MIN. INTO 600 OHM LOAD. WITH TUBES 1/813, 2/811, 1/1625, 1/6AG7, 1/6V6, 1/12BE6, 2/12AU7, 2/12AL5, 2/28D7 & 4/6BA6. POWER REQUIRED 400 VDC @ 750 MA. 750 VDC @ 350 MA. AND 27 VDC FOR RELAY AC FOR FILAMENT. (SAME VOLTAGES AS ART-13) (SIMILAR TO COLLINS 18S4) SIZE: 15x7x23; WT: 70 LBS. LESS CRYSTALS PRICE: USED LESS DYNAMOTOR \$49.50



R-666/ARN-32 RECEIVER 75 MC CRYSTAL CONTROLLED FIXED FREQUENCY, USED TO ACTUATE RELAY THAT IN TURN CAN BE USED TO PERFORM A SPECIFIC FUNCTION FROM A REMOTE POINT BY RADIO, ALSO HAS AUDIO OUTPUT. COMES WITH TUBES 4/5908, 4/5907 AND 1/5903. POWER REQ. 27.5 VDC @ 6 A. SIZE: 2x5x8; WT: 2 LBS. PRICE: USED \$9.95



BC-1333 MARKER BEACON RECEIVER 75 MHZ, USED IN AIRCRAFT FOR RECEIVING SIGNAL FROM AIRPORT. SIGNAL RECEIVED ENERGIZES RELAY WHICH IN TURN OPERATES INSTRUMENT PANEL LIGHT. CAN BE USED TO ACTUATE ELECTRICALLY OPERATED THINGS FROM A REMOTE POINT. VOLTAGE REQ. 24 VDC. WITH TUBES 1/12SN7, 1/6SH7, 1/6SL7. SIZE: 3x5x5; WT: 3 LBS. PRICE: USED \$4.95

R-196C/ARN-26Y REMOTE CONTROL RECEIVER, MAY BE TUNED TO ANY FREQUENCY BETWEEN 60 AND 74 MHZ. APPEARS FREQ. CAN BE CHANGED SO THAT THE UNIT MAY BE ADAPTED FOR REMOTE RADIO SIGNAL ACTUATION AS POSSIBLY GARAGE DOOR OPENER, SECURITY SYSTEM ACTUATOR, ETC. ACCEPTS A SIGNAL MODULATED AT 300, 650, 955, 1390 AND 3000 HZ. AUDIO TONE OPERATES A SEPARATE RELAY FOR EACH FREQUENCY. THE 955 HZ RELAY ACTIVATED WHEN THE OTHER RELAYS ARE NOT. THE UNIT PERFORMS MOST EFFECTIVELY FROM VISUAL DIRECTION. RECEIVER CONTAINS AN RF AMP, DETECTOR STAGE AND FIVE AUDIO FILTERS. WITH SIX 12AU7 TUBES. 7x8x5; WT: 8 LBS. UNUSED \$9.95



CASES & CABINETS

TA-228/TCC-7 TRANSIT CASE; ALUMINUM WITH HASP FASTENERS AND RETRACTABLE HANDLES. INTERIOR SIZE: 10 1/2" W X 18" X 15". WT: 18 LBS. PRICE: \$10.00



OTHER TRANSIST CASES AND CABINETS IN STOCK--WRITE



CABINETS

STK. NO.	H X W X D	PANEL	DOOR	LBS	COND.	PRICE
1015	10 1/2 x 22 x 15	9 1/2"	TOP	25	USED	\$10.00
1313	13 x 19 x 13	12"	TOP	30	USED	12.00
1416	16 1/2 x 22 x 14	14"	TOP	35	USED	15.00
CY1693	16 1/2 x 22 x 14	14"	TOP	35	NEW	20.00
1915	19 x 22 x 15 1/2	17 1/2"	TOP	38	NEW	22.00
3715	37 x 22 x 15	35"	BACK	58	NEW	30.00

FGC-29 CABINET WITH REAR DOOR AND 115 V. 60 HZ BLOWER. SQUARE CORNERS SO THEY CAN BE GANGED. 22 1/2" W X 75" H X 24" D; 200 LBS. USED, \$40.00

CY-853/PRC-6 CASE; PADDING AND SPACES FOR 42 CRYSTALS 1/2" X 5/16". SNAP LATCH. CASE SIZE: 6 1/2" X 6" X 1"; WT: 2 LBS. UNUSED, \$3.00



ALUMINUM CASE WITH ROUNDED CORNERS; STURDY, COMPACT SINGLE COMPARTMENT CONSTRUCTION. HASP-TYPE FASTENERS. INTERIOR 9 1/2" X 10 1/2" X 5 1/2". WT: 6 LBS. #CV-425 \$5.00



NSC #87054

FIBER GLASS CASE WITH CARRING HANDLE, 6 HASP FASTENERS FOR COVER (COVER NOT HINGED), BOTTOM SECTION INSIDE SIZE 13 1/2" X 8" X 9", COVER 3 1/2" DEEP. HAS SOME FITTINGS AND RUBBER SHOCKS THAT CAN BE RE-MOVED. NEG #87054 WT: 10 LBS. USED \$5



TS-10C HEAVY ALUMINUM CASE, HINGED COVER, HASPS & HANDLE. SIZE 10 1/2" X 15 1/2" X 6 1/2" 10 1/2" X 15 1/2" X 6 1/2" D, WT: 15 LBS. \$10.00

RATIONS BOX NO 1 FOR 2 MEN, 1 DAY RIVETED CANVAS STRAP, HANDLE AND SERVES AS HINGE WITH BUCKLE. 8 1/2" X 5 1/2" X 4 1/2"; 5 LB. \$2.00

EQUIPMENT CABINET



CY-1823 DOUBLE CABINET WITH PULL-OUT DESK, TWIN REAR DOORS AND AC OUTLETS. SLANTED TOP SECTIONS EACH HAVE 15 1/2" X 19" X 20" EQUIPMENT SPACE. LOWER HALF CABINET HAS TWO 24" X 19" X 24" AREAS ALUMINUM CONSTRUCTION. OVERALL SIZE: 45 1/2" H X 40 1/2" W X 25 1/2" D SHPG. WT: 310 LBS. (CRATED) PRICE: USED, \$50. UNUSED, \$75

ELECTRIC MOTORIZED WHEEL

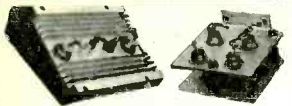


ELECTRIC MOTORIZED WHEEL WITH 6VDC MOTOR & HEAVY DUTY GEAR BOX, REVERSIBLE APPROX. 50 RPM NO LOAD, 1 AMP. 3 AMP. LOADED, 6 AMP STALL. RUBBER TIRED WHEEL 5 1/2" X 1 1/2", TOP OF FORK TO BOTTOM OF WHEEL 6 1/2", 2 1/2" X 5/8" CUP TOP OF FORK AND 6 1/2" X 3/4" TUBING ABOVE CUP. ALL METAL CONSTRUCTION INCLUDING GEARS EXCEPT MOTOR ENDS ARE HIGH IMPACT PLASTIC & TIRES. NET WT. 3 LBS PRICE: \$7.95 EA. 2 FOR \$15 No. 6VDC-P HAS MANY USES EQUIPMENT DOLLY, WHEEL CHAIR, CAR, FISHING REEL



MOTOR & GEAR BOX ASSEMBLY NO. RS-85 SIMILAR TO UNIT USED ON ELECTRIC MOTORIZED WHEEL ASSY DESCRIBED ABOVE, EXCEPT THIS UNIT HAS PLASTIC GEARS & GEAR BOX. OPERATES FROM 6 VDC BUT WILL RUN ON 2 VDC TO 12 VDC WITH VARIING SPEEDS OF 50 TO 250 RPM DEPENDING ON LOAD AND VOLTAGE USED. MOTOR IS ALSO REVERSIBLE. SIZE: 3 1/2" X 2 1/2" X 4 1/2"; WT: 1 LB. AMER. #122830 \$4.50

SILICON DIODES



SILICON DIODES ; MOUNTED ON HEAT SINKS WITH MOUNTINGS. REMOVED FROM EQUIPMENT AND GUARANTEED TO BE OPERABLE. BEK-6 WITH 2/1N3212, 2/1N321-2R, MTC SIZE 4x3x3 \$2.50
 2C8R W/4/1N3208, 4/1N3208R \$2.75
 3C12R W/4/1N3208, 4/1N3208R, 2/1N3209, 2/1N3209R \$4.25
 3-TIERED MTC 4x4x4 \$4.25
 ICIT 2N1557, 90 WATT, 40 V 15 AMP ON 3x4x3 HIGH COOLING HEAT SINK \$1.50
 BAJ6 4/1N3212, ON 4x6x7/8 HEAT SINK \$3.00
 BAJB 2/1N3212, 2/2N686, 125 A. 250 PRV 4x6x1 \$3.50
 DI190 4/1N3208, 1/1N3208R, 1/3209, 1/1N3212, PLUS 10/RES, 4/CAP, 2/POT \$3

TCS VARIABLE CAPACITOR, 2 SEC. 10-360 MMF, ONE SEC 10-360 MMF, 3 BAND CALIBRATED DIAL 4" 1.5 TO 12 MHZ SIZE: 7x3x3 1/2. WT: 10 LBS. #881 \$3.95 USED

TRANS. CAPS

5910-193-8025 3 GANG 8-50 MMF 2000 VDC, ROTOR SECTION INSULATED FROM EACH OTHER. SIZE 3x2x6 1/2. 2 LBS. \$6.95
 RBF-3-14A162 1 GANG 10-135 MMF. 2000 VDC 3x2x2 1/2 \$2.95
 VARIABLE CAPACITOR FROM TCS TRANSMITTERS, 425 MMFD, 3x1 1/2x1 1/2 WITH SHAFT. TCS-C116, REM. F/TCS \$2.95
 VARIABLE AIR CAPACITOR 2.8 TO 8.5 MMF 5 PLATES P/O BC-640 TRANS. #A105262 3D9002VE8 \$.79

ART-13 VARIABLE CAPACITOR 50-200 MMF. 7000 VOLT .17 INCH AIR GAP WITH AUTOTUNE GEAR ASSY. #C-125 USED SIZE: 5x5x12 7LBS. \$9.95

PRE-SELECTOR UNIT ASST PART OF R-48 REC. 230-250 MHZ. CONSISTS OF RFR, MIXER & OSCIL. USING 6AG5-2 EA. 9002-1 EA. TUBES (LESS TUBES.) FOR USE WITH 30 MC I.F. SIZE: 6x5x4; 5 LBS. USED \$8

COMMAND RECEIVER VARIABLE CAPACITOR 3 GANG WITH TRIMMERS AND GEARS #4601 147 MMF 3-6 MC \$2.50 #6558 62 MMF 6-9 MC \$2.50 SIZE: 4x3x3; WT: 2 LBS.

PA TUNING CAPCITOR FOR COMMAND TRANSMITTER W/ GEAR TRAIN & DOUBLE END SHAFT. 4x2x3x3 WT: 1LB. # C-65/7321 STK. # 2C6397A/C8 NEW \$1.95

VARIABLE CAPACITORS 100 WATT SIZE: 4x2x3 SHAFT 3/8x1/4 WT: 2 LBS. 31 PLATES 1/8" MMF P-7761569-P4 23 TO 111 " #6558 62 MMF 6-9 MC \$2.50 PRICE: EACH \$1.95

T-7660443-P7 15 TO 81 MMF 7 PLATES, 1/8 SPACING, SIZE 3x2x2, SHAFT 3/8x1/2; 8OZ. \$1.00
 CAPACITOR ASSEMBLY; C11A 6.5-140 MMF (VAR. AIR.) SCREW DRIVER ADJ. MOUNTED ON BRACKET WITH CERAMIC TRIMMER 3-13 MMF. #C35B SCREW DR. AC WT: 8OZ. #PC80128C \$1.50

VARIABLE CAPACITOR 9-135 MMF 600 V TEST, 1-15/16x 15/16x1-7/32, SHAFT 1x1 1/2 2 MTC. HOLES, CERAMIC INS. 3D9135V-5 \$1.25

GR PRECISION VARIABLE CAPACITOR 30-220 MMF, 1000 VAC, SHAFT 5/16x 1/2 IN ALUM. CAST WING 4x5x5 1/2, 6 LBS. 4 HOLE MTC. 5910-667-6732 \$4.95

TU-53 OSCILLATOR PLUG-IN ASSY. FOR BC-610 TRANSMITTER FREQ. RANGE 8-12 MHZ. CONTAINS VAR. CAPACITORS WITH SHAFTS 140 MMFD, 190 MMFD. 2/CERAMIC CAP. 1/MICA CAP. 4/R.F. COILS, 2/RES. 1/DPDT SW. 1/DIAL, 2/KNOBS, CRYSTAL SOCKET, AND OTHER PARTS. SIZE: 2x8x4 1/2; 4 LBS. \$3.95

AUDIO OSCILLATOR BASIC ASSEMBLY; CONTAINS 24 12 MMFD CERAMIC TRIMMERS, 21 TEMP COMP. CAPACITORS & RESISTORS. WHEN USED WITH 2/6SJ7 TUBES & ASSOCIATED PARTS IT WILL PRODUCE A FREQ. OF 425-2295 HZ IN 12 STEPS OF 170 HZ EA. # DIV. REC-26 SIZE: 5x5x4 1/2; 5 LBS. \$4.95

RECEIVING TYPE CAPACITORS FOR AM-FM-AUDIO-OSCILLATOR USE WITH SHAFTS. #48842 DUAL 12-90 MMF & 15-140 MMF SIZE 1x1x3 \$1.00 #66972 DUAL 9-50 MMF & 1-100 MMF, SIZE 1x1x3 \$1.00 #330V020-H02 DUAL 10-90 & 14-140 MMF 1x1x1x1 \$1.25 #900223 DUAL 10-150 MMF & 10-260 MMF 1x1x1x1 \$1.50 #330V030H02 DUAL 10-100 & 12-250 MMF, 1x1x1x1 \$1.50 #330V010H04 DUAL 10-100 & 12-365 MMF, 1x1x1x1 \$1.95 N16-2501 15-400 MMF, SINGLE SIZE 3x2x3 \$2.95 5910-581-8221 2 GANG, 12-365 MMF. 3x2x2x2 \$3.50 URC#9989 3 GANG 10-450 MMF 3x2x2x4 \$3.95 309200V-19 4 GANG, 14-200 MMF 3x2x1x4 \$4.50

5910-193-8004 5 GANG, 20-402 EA. SEC. 2x3x3x5 \$4.95

AIR PADDER CAP 351-1054 2-8 MMF 49¢ D3535 2-20 MMF 49¢ 7464331 4-45 MMF 49¢ D3448 5-50 MMF 49¢ CA-253 3-70 MMF 49¢

ABOVE CAPACITORS, SCREW-DRIVER ADJUST, 2 HOLE MTC. COMPRESSION TYPE MICA TRIMMER CAPACITORS, ASSORTED VALUES 5 FOR \$1.00

R.F. OSCILLATOR ASSEMBLY P/O R/T-39 APG-5 RADAR SET, 2500 TO 2600 MHZ. REQUIRE 2C40 & 2C43 & 1B27 TUBES. HAS SPECIAL COAX. FEED LINES FOR JG TYPE CONNECTORS. SILVER PLATED ASSY. WITHOUT TUBES OR TUBE CAPS. #C22783 SIZE: 9x4x4 WT: 5 LBS. \$1.95

WAVEGUIDE COUPLER ASSY-DUAL DIRECTIONAL. FLANGE SIZE 1-7/8x1-7/8 WAVEGUIDE 3/4 1-1/8, OVAL GUIDES 9/16" LONG WITH PRESSURIZING ASSY. 5LB. IBM #1280-779-5806 \$1.95

PRESSURE TRANSDUCER TYPE M-1 TOSS BOMB COMPUTER ELECTRIC TYPE DUAL DIAPH. HIGH LOW CONN. PITOT & STATIC LINES. SIZE 6x3x4; WT: 3 LBS. STK#1280-568-6013 \$3.95

MAGNETIC FOCUSING YOKE WITH 2 MAG NETS MOUNTED IN RING RING SIZE 2-1/8" DIA. 5/8" W. 1" HOLE. MAGNETS 5/8"x9/16 WT: 7 OZ. # MAGNET CIR-7 PRICE: 35¢ 3 FOR \$1.00

T.V. TUNERS

UNITS HAVE NOT BEEN USED & ARE NOT GUARANTEED.

VHF CHANNELS 2-13 FREQUENCY 54-216 MC OUTPUT 41 MC

URC#27160 WITH TUBES 1/6E8B & 1/6CG8. SIZE 4x4x3x4; \$4.95
 URC#63K10-03 WITH TUBES 1/6KZ8 & 1/3GK5 SIZE: 2x2x3x3. \$5.95

UHF CHANNELS 14-83 FREQUENCY 470-890 MC OUTPUT 41 MC

URC#34834 WITH 1/20Z4 TUBE OR EQUIVALENT. SIZE: 3x3x3x2. \$4.95
 URC#86712 TRANSISTORIZED SIZE: 1x2x3x3 \$3.95

AM & FM TUNERS

AM FREQUENCY 550 - 1600 KC FM FREQUENCY 88 - 108 MC UNITS HAVE NOT BEEN USED

F.M. TUNER WITH 1/12D78 TUBE & DIAL. SIZE 3x2x2 URC#462 \$3.95 A.M. & F.M. TUNER SAME AS ABOVE URC#2H02 \$4.95

A.M. & F.M. TUNER WITH 1/12D78 TUBE NO DIAL 3x2x1 URC#7H02 \$3.95
 F.M. TUNER WITH 1/6AQ8 TUBE, NO DIAL, 3x2x1 URC#4H02 \$2.95

MORE VARIABLE CAPACITORS P32

LC-902 ANTENNA INPUT TANK FOR TN-2A/APR-1 TUNING UNIT, FREQ. 76 TO 300 MHZ. WITH VARIABLE CAPACITOR, COIL, AND 955 TUBE SOCKET. SIZE: 4x3x3 WT: 4 LBS. UNUSED \$9.95

LC-702 ANTENNA MIXER TANK FOR TN-3A/APR-1 TUNING UNIT FREQ. 300 TO 1000 MHZ. WITH VARIABLE CAPACITOR AND COIL SIZE: 2x3x3 WT: 3 LBS. PRICE: UNUSED \$6.95

LC-701 OSCILLATOR TANK FOR TN-3A. WITH VARIABLE CAPACITOR AND COIL. SIZE: 4x4x4 WT: 4 LBS. UNUSED \$8.95

MALLOY SPIRAL INDUCTOR. FOUR GANG TUNER .04 TO .70 UHY (APPROX.) PER SECTION. 19 TO 75 MHZ RANGE WHEN PLACED IN PARALLEL TO 100 UHF. PROVIDES ACCURATE, NOISE-FREE OPERATION AND ELIMINATES USE OF SWITCHING COILS, BAND SWITCHES, ETC. SIZE: 6x2x2 SHAFT: 1x3/4 #HT-254-0 \$9.95

THREE GANG INDUCTOR. 0.04 TO .07 U-HY/SECTION. 60 TO 75 MHZ PARALLEL WITH 100 UHF 5x2x2, SHAFT 1/2x1/2 DIA. #B-10/77 \$8.95



SANDY'S TRANSISTOR SPECIAL 4x9" CIRCUIT BOARDS WITH TRANSISTORS, DIODES, SEMI-CONDUCTORS, CONDENSORS, RESISTORS, ETC. WITH 60 TRANSISTORS \$3.00 125 FOR \$5; 300 FOR \$10.00

TRAVELING WAVE TUBE



THE TRAVELING WAVE TUBES LISTED BELOW ARE USED COMPLETE, NOT CHECKED, NOT GUARANTEED. (EXPERIMENTER'S ITEM)
 ZM-3480 VARIAN TWT WITH DC-DC INVERTER POWER SUPPLY. OPERATES FROM 115 V. 48-420 HZ. HAS POWERFULL DISC MAGNETS THAT CAN BE DISMANTLED. SIZE: 13x3; 12 LBS. \$10.00
 WJ-295 WATKINS JOHNSON TWT. LOW NOISE AMPLIFIER 2.0-4.0 GHZ WITH INVERTER DC-DC P.S. FOR USE ON 115 V. 48-420 HZ. OUTPUT 600 VDC, 150 VDC, -100 VDC & -30 VDC. HEAVY OISC MAGNETS. 10x3; 7 LBS. \$10.00
 TWT'S LISTED BELOW DO NOT HAVE ANY POWER SUPPLIES OR MAGNETS. NO ADDITIONAL DATA. SPERRY STC-279 12x1 1/2 \$5.50
 MICROWAVE M5217 13x1 \$5.50
 HUGHES 333H 9 x3 \$5.50
 HUGGINS M5057A 17x1.5 \$5.50
 RAYTHEON CK8994 8x2.5 \$5.50
 MICROWAVE 10300 15x1 \$5.50
 RCA PS296001/4033 \$5.50
 ALL ABOVE TWT APPROX. 5 LBS.

BC-624 RECEIVER, 3 GANG 6-36 MMF EACH SECTION WITH SLUG TUNED TRIM. SHAFT 5/16 STK#3D9036V SIZE: 4x2x3 1/2; 1 LB. \$1.50

351-1013 3.5 TO 27 MMF, 13 PLATE SIZE: 1-5/8x1x1 1/2-5/16, SHAFT 1x3/16. \$1.75

READ-OUT ASSEMBLY 17 LAMPS MOUNTED ON STRIP CONNECTED TO A TWO CONTACT WAFER SW WITH RESISTORS FOR 115 VOLT 60 CYCLE USE. STRIP SIZE 1x7, SWITCH SIZE 2 1/2" DIA. WT: 6 OZ. #LANS SW-249 RE-MOVED FROM EQUIP. \$1.50 EA. 4 FOR \$5.

FREQ. METER TUNING CAPACITOR, LESS DIAL 11.5-160 MMF. PART OF BC-221/LM SERIES 3x3x5; 3 LBS. \$6.00

PRE-SELECTOR UNIT ASSEMBLY PART OF R-19/508 RECEIVER 118-148MC CONSISTS OF 1ST & 2ND R.F. AMP. R.F. OSC. & MIXER STAGES. FOR USE WITH 3/9003 & 1/9002 TUBES. (LESS TUBES.) SIZE: 4x3x3x3; 3 LBS. N \$7.95

VARIABLE CAPACITOR, 25 TO 250 MMF, 1000 VOLTS. 1 1/2" DIA. x 1 1/2" SHAFT; OVERALL 3 1/2x1 1/2x2 1/2. GOLD PLATED PLATES; REM- BC-778 Used \$2.95

BC-624 RECEIVER R.F. TUNER ASSY 100 - 156 MHZ A.M. W/VARIABLE CAP., COILS, TUBE SOCKETS. OSC. SEC. P/O SCR-522 5x5x5; WT: 7LBS 22K11150 Used \$3.95/N \$5.95

VARIABLE CAPACITOR 100 MMF 34 PLATES, SCREW DRIVER SHAFT 1 x 1 1/2. #4460VC-100 59¢

CAPACITOR VARIABLE AIR 5.5 TO 100 MMF 0.015 AIRGAP SCOR ADJ SHAFT. SIZE 2" INC SHAFT 1x1x1 u/w BC-312/342 HAMMARLUND APC-100 27 PLT. 3D291 59¢

MINIATURE VARIABLE CAPACITOR 2-30 MMF 500 V. 14 PLATES SIZE 3/16x1/2" SHAFT 3/16x 3/8" SINGLE HOLE MTC. OVER ALL SIZE LESS SHAFT 1 1/2x5/8 x 1/2; #NAEC-4571 \$1.50

ASSEMBLY MOUNTED CONNECTED TO A TWO CONTACT WAFER SW WITH RESISTORS FOR 115 VOLT 60 CYCLE USE. STRIP SIZE 1x7, SWITCH SIZE 2 1/2" DIA. WT: 6 OZ. #LANS SW-249 RE-MOVED FROM EQUIP. \$1.50 EA. 4 FOR \$5.

INSULATORS

STAND-OFF, CROWS FOOT, 7" Hx1 1/2 D. CAST BASE, 2 1/2 CTRS. TOP CAST W/3/16"-20 SCREW #5970-405-8992 \$4.00
SIMILAR, ABOVE 3" 3.00
" " 10" 7.00

IN-86 STRAIN INSULATOR 4 1/2" LONG, 1/2" DIA. MAYBE ROUND OR SQ. 59¢ EA. 2 FOR \$1.00

STK.#INS.1014; FEED-THRU 4" LONG 1/2" HOLE, 7/8 DIA. WITH NECK. PRICE: 25¢

CONE 1" BASE 1-1/8 H. 3/16" 10-24 THREAD. #CSJ-61028 35¢ EA. 4 FOR \$1.05

STK.#INS.#1015; FEED-THRU BRASS BOLT 6 1/2" LONG X 1/2" W/NUTS, SPLIT INSULATOR FOR 1/2" THICK MOUNTING WITH CORK WASHERS, OVERALL LGTH 3 1/2"x2, WT: 2LB. \$2.50

STK.#3G584 IN-84 FEED-THRU CONICAL SHAPE, 5" LG. O/A; 2 CONICAL SHAPED 1-1/8 LG. 1 1/2" DIA. AT BOTTOM, 1" AT TOP, 1/4" DIA. ROD WITH 1/4 20 THREAD WITH NUTS/WASHERS 1/2 LB. 25¢ EA. 5 FOR \$1.00

TRANSMITTING LEAD-IN INSULATOR, THREADED ROD W/CONE INSULATORS 2X1 EACH. ADJUSTABLE BETWEEN CONES. 15" OVERALL. WT: 2 LBS. #4238 PRICE: \$1.00

3G138-20.11 RIDGED CONICAL 2" BASE, 3/4" TOP, 1 1/2" LONG, PUSH SPRING TYPE BINDING POST ON TOP, WHICH CAN BE REMOVED AND BOLT INSERTED. 1/2 LB. 35¢ 3 FOR \$1.00

STRAIN, 1 1/2"x1 1/2"x7, 3/8" HOLE EA. END FLAT SIDE, 5/8" CTRS. #3GK1250.42 \$3.00
SAME RD. 1 1/2"x1 1/2"x7, GR/CTS \$3.50

STK.#CBJ61023 ENTERING INSULATOR, CERAMIC 2 1/2"x2, CADMIUM PLATED MOUNTING RING 3 1/2" WITH 6 MOUNTING HOLES, GASKET, 4" 1/4-20 THREAD BRASS BOLT WITH NUTS. 1/2LB 39¢ EACH 3 FOR \$1.00

ART-13 TRANSMITTER ANTENNA INSULATOR PANEL; WITH 3 1/2"x4 OBLONG INSULATOR WITH TWO SPRING-TYPE BINDING POSTS. ALSO A 1/2"x1 AND A 3/4"x1 CONICAL INSULATORS WITH PUSH-TYPE BINDING POSTS. WT: 1 LB. COMPLETE ASSY. USED \$1.00

VACUUM CAPACITOR 3 MFD 15 KVDC ±10%; WITH CONNECTORS. SIZE: 5/8"x4", 8 OZ. JENNINGS TYPE Y-3 \$1.50

COUNTERS

A. 3 DIGIT COUNTER. 1/8" SHAFT. EACH NUMERAL 1/8 IN. SIZE: 1 1/2"x1 1/2"x1 1/2". STK#CBSH334 \$.75

B. 3 DIGIT COUNTER. FOR VERTICAL MOUNTING. 3/8 IN. GEAR ON SHAFT. EACH NUMERAL 1/8". 1 1/2"x1 1/2"x1 1/2". STK#CBSH173 \$.79

C. 3 DIGIT COUNTER WITH BEVELED GEAR 2 1/2"x1 1/2"x1 1/2". NUMERALS 1 1/2"x1 1/2". STK#CBSH177 \$1.00

D. 3 DIGIT COUNTER W/DIGITS 10THS, ONES, TENS. 100 THS DIGIT REMAINS 0. 1/8 IN. NUMERALS. 2 1/2"x1 1/2"x1 1/2". STK#CBSH9030 \$.75

G. THREE DIGIT COUNTER WITH BEVEL GEAR OPEN FRAME BACK, LEFT DRIVE. SIZE 1x3/4x3/4, MTG. MASK 1 1/2"x1. STK#G32163 \$.50

F. 5 DIGIT COUNTER W/3/16 IN SHAFT EXTENDING 1/2" AT EACH END. 99999-0 DESCENDING ONLY. 1/8" NUMERALS. 1 1/2"x1 1/2"x1 1/2". STK#CBSH00000 \$1.00

3 DIGIT COUNTER, VEEDER MFG. 1/2" DIA. GEAR SHAFT; 3/8" DIA. EXTERIOR SHAFT CAN BE GROUND TO 1/2". OVER-UNDER MOUNTING. 2 1/2"x1 1/2"x1 1/2". BC-1323 COUNTER \$1.00

TELEPHONE JACK STRIPS

#4C4426-14 TWENTY JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J-2. KELCO #261 \$2.50

#4C4322-25 TEN JACKS 3 CONDUCTOR, CONTACT ARRANGEMENT J-2-1A. \$1.95

#4C4426.11 TWENTY JACKS 3 CONDUCTOR, CONTACT ARRANGEMENT J-2, NUMBERED 0-19 \$2.50

#4C4436.92-2 TWENTY JACKS 3 CONDUCTOR, CONTACT ARRANGEMENT J2, NUMBERED 20-39. KELLOG #369 \$2.50

#4C4692.2 TEN JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J2 WECC #92 TYPE139 \$1.95

3G1830-67076 ENTERING INSULATOR, BOWL 4-3/8" HIGH, 6-15/16 AT BASE, 1 1/2" ROD 3/8 BRASS WITH NUTS, MOUNTING RING 3 SEC. 8-3/4" DIA. W/6- HALF INCH NUTS & BOLTS 2 1/2" LG., BELL CAP 6" DIA. 10 LBS. \$5 EA. 3 FOR \$12.00

MICRO SWITCHES

SPST, R-RL2, NORMALLY CLOSED ROLLER LEVER ASSEMBLY, 15 A 125/250V. 2 1/2"x5/8 \$.50

SPDT; 3Z-3R244T4; ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER; 2 1/2"x5/8 .30

SPST; WHBT349A-1, NORMALLY OPEN. LEVER PLUNGER. 2"x1" x5/8". .30

SPDT; BZ-2R; ONE SIDE NORMALLY, OTHER CLOSED; PUSH PLUNGER ASSY. W/MOUNT. 2 1/2"x1 1/2" .50

HR07-1P SPST NORMALLY OPEN, 115 V 10 A. 3/8" PLUNGER. \$.75

DPDT; MS25008, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. EXTENDED BUTTON PLUNGER. 2 1/2"x2"x1" \$1.50

DXGB-5 SP NORMALLY OPEN, MOUNTED IN HEAVY FRAME. 1/2" PLUNGER 2 1/2"x2 1/2"x2 1/2" \$1.00

SPDT; WHBT349B-1; ONE SIDE NORM. OPEN, OTHER CLOSED. LEVER PLUNGER 2 1/2"x1 1/2" .30

SPST; MU SWITCH TYPE D; SPLIT DIE CAST ENCLOSURE W/3/8" TAP CONDUIT HUB; 1 7/8.5A 125/250V. PUSH PLUNGER; 2 1/2"x2 1/2" .75

WZ2RW80-D5 SP NORMALLY CLOSED 3" LEVER . 60¢

SPST; 2MC3-1A, NORMALLY CLOSED. PIN PLUNGER. 1 5/8"x1 1/2"x1 1/2". .45

SPST; SW-186, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2"x1 1/2"x5/8". .25

SPST; G-RS, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2"x1 1/2"x5/8". .40

SPST; M07-102T, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2"x1 1/2"x5/8". .40

SPST; WZ-RS9, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2"x1 1/2"x5/8". .40

SW-118 SWITCH ASSY SPST, ONE SIDE HOLDING ON; OTHER SIDE MOMENTARY ON CENTER OFF. SWITCH SIZE: 1 1/2"x1, CASE SIZE: 2 1/2"x1 \$.35 EA 3/\$1.00

THUMB-IT WHEEL WAFER SWITCHES NUMBERED 1 TO 10 CAN BE USED SINGLY OR IN BANKS. EACH SECTION ON SIZE 2 1/2"x2 1/2", PRICE EACH SECT. 65¢ BANK OF FIVE AS ILLUSTRATED NOT AVAILABLE

#5930-539-6550 POSITION WAFER SWITCH. LESS DIAL LAMPS \$ TOGGLE SWITCH. 6x4x3; 2LBS. \$1.95

PUSH SWITCHES

PUSH SWITCH WITH TWO SPDT MINIATURE MICRO SWITCHES, ONE SIDE NORM. OPEN, OTHER CLOSED; SCREW CAP COVERS PUSH BUTTON. #2PB1 .75

SPST NORMALLY OPEN; 3A/250. PSW002 .35

DPST NORMALLY OPEN; 1A/250. PSW004 .35

SPST GOLD-FINISHED DOORBELL NORMALLY OPEN; 1 5/8" DIA. HARDWARE INCLUDED. PSW005 .35

JPST INTERLOCK, NORMALLY OPEN. (329825/254) PSW006 .35

SPST PULL SWITCH, NORMALLY OPEN. PSW007 .35

SPST NORMALLY CLOSED; CAS-11 ING AS GROUND; 1/2" SCREWS REQUIRED FOR MOUNT. PSW008 .35

SPST, NORMALLY OPEN PSW010 .35

SPST, PUSH-LEVER SWITCH, 115 VAC 20 AMP; SILVER CONTACTS. P/O 1-199 #1-199-S67 .65

SPST, NORM. OPEN, FITS 5/8" HOLE. J-3-PB .39

DPDT PUSH-LEVER SWITCH. PSW013 .50

DPST PUSH-LEVER SWITCH. NORMALLY OPEN. PSW014 .50

DPST NORMALLY OPEN. PSW015 .50

FIVE-PUSH SWITCH 2PST NORM. GL. 1PST NORM. OP. 1PST. 5x3x1 #PSW5022 \$1.00

SIX-PUSH SWITCH; FIVE ARE SPST NORMALLY OPEN, THE OTHER DPST AND DPDT ON THE OPPOSITE SIDE. 4 1/2"x2 1/2" PSW017 \$1.00

SPST PUSH-LEVER SWITCH. 3 5/8"x1 1/2"x1 1/2". PSW022 .35

SPST NORMALLY CLOSED MICROPHONE SWITCH. COVER AS GROUND, WITH MOUNT. PSW019 .75

SPST NORMALLY OPEN START-STOP DOUBLE SWITCH. #401. PSW020 \$1.00

DPST, MICRO SW. NORM. CLOSE PUSH PLUNGER W/SIDE MOUNT; 1 1/2"x1 1/2" CR1070C103 .50

EIGHT PUSH SWITCHES DPST NORM. OPEN AUTO RELEASE. PUSH SW. RELEASES ALL SPST NO.CL. 5x2x1 1/2"; #855-151 \$1

CHAFF DISPENSER CONTROL BOX AND 24 VDC 5 DIGIT DECLINING COUNTER 2 DIGITS AT A TIME ALSO 12 POSITION WAFER SWITCH. LESS DIAL LAMPS \$ TOGGLE SWITCH. 6x4x3; 2LBS. \$1.95

SWITCHES

AIRCRAFT TYPE SWITCH TWO HOLE MOUNTING FIG. #1

CIR	CON	RATING	NO	PR
SPST	NEW	5/125	B-15	.65
ABOVE MOMENTARY N/CLOSED				
SPDT	REM	15/125	3022-7	.35
(ABOVE CENTER-OFF, MOM.)				
SPDT	NEW	15/125	B-1B	.30
DPDT	NEW	20/125	3023-10	.55
SPDT	REM	5/125	B-7A	.55
(CENTER OFF, MOM ONE SIDE)				

TOGGLE SWITCHES

TOGGLE SWITCHES SINGLE HOLE MOUNTINGS: CONDITION NEW & "REM" REMOVED FROM EQUIPMENT, ALL GUARANTEED.

CIR	CON	RATING	NO	PR
SPST	REM	8/125	B817K2	.35
(ABOVE SWITCH MOMENTARY)				
SPST	REM	6/125	SW-105N	.30
SPDT	REM	8/125	ST-13D	.25
("ON" BOTH SIDES)				
DPST	REM	3/125	7463954	.25
DPST	REM	15/125	ST-50K	.40
DPDT	REM	3/125	SW3125	.30
DPDT	REM	5/125	ST-22R	.35
3PST	NEW	15/125	SW3115	1.00
4PST	REM	15/125	7661K5	1.00

BARKELEW DPDT SWITCH, PICTURED ABOVE, FAR RIGHT. 15 AMP 125 VOLTS AC. WITH FRONT MTG. SIZE: 5x6x1 1/2 WT: 1 LB. UNUSED \$1.50

ROCKER SWITCHES 0319 SPST 39¢ 3 FOR \$1.00

0348 DPDT 59¢ 2 FOR \$1.00

0320 SPDT MOMENTARY BOTH SIDES. 65¢ EA. 2 FOR \$1.20

0347 DPDT MOMENTARY BOTH SIDES. 80¢ EA. 2 FOR \$1.50

HEAVY DUTY TOGGLE SWITCH SPST, WATER-PROOFED, 175 AMP. 30 VDC, 55 A. 125 VAC, 1/2-20 TERM. 2 HOLE MTG. SIZE 2 1/2"x3 1/2"x2 1/2; 2 LBS. AN-3230-2 G256-8366130 \$3.95

LEVER SWITCHES

1273 #K-22 #K-1100 RM57416

TELEPHONE TYPE LEVER SWITCH 6 MAKE ONE SIDE-CENTER "OFF" 6 MAKE OTHER SIDE; REMOVED. #HAC4803 \$.60

4 CIRCUIT EA. SIDE NORMALLY OPEN #3Z9818-9.1 50¢ EA, 1 SIDE 8 BREAK 8 MAKE 4 MAKE OTHER 1 BREAK #SW-BC1323 RE-MOVED 60¢

1 SIDE 2 MAKE OTHER SIDE 2 BREAK 2 MAKE SW-EE-2 35¢ TCK#404 GE#P7763503-2 50¢ 1 SIDE DPDT NC & DPST ND.

PUSH-TO-TEST



PUSH-TO-TEST INDICATORS. DOUBLE LAMP HOLDERS WITH MINIATURE BAYONET BASE. 2 1/2" x 1 1/2" x 3/4". KORRY ST-260 SCREW TERMINALS OR TYPE 260 WITH SOLDER TERMINALS. AVAILABLE WITH THE FOLLOWING INSCRIPTIONS:
 POWER - AIR CONDITIONING-IGNITER - POWER SUPPLIES-ERECTOR - 100% LIQ OXY
 PRICE: \$2.00EA

PUSH-TO-TEST INDICATOR WITH MINIATURE BAYONET SINGLE LAMP HOLDER. 2 1/2" x 1 1/2" x 3/4". KORRY ST-136 SCREW TERMINALS OR TYPE 136 WITH SOLDER TERMINALS. AVAILABLE WITH THE FOLLOWING INSCRIPTIONS:
 LOW - OVERLOAD - MALF. - POWER ON
 PRICE: \$1.25EA

PUSH-TO-TEST INDICATOR WITH MINIATURE SCREW BASE. RED 7/16" DIA. SMOOTH JEWEL. 0" TO 3/8" SURFACE CLEARANCE. REQUIRES 3/8" HOLE TO MOUNT. 1 5/8" LONG. USED.
 VM-500-2 \$.59EA

INDICATOR LITE ONLY KORRY #TYPE 103, 5/8" SINGLE HOLE MTG. PUSH-ON RED PLASTIC CAP-PLASTIC BODY. #6210-299-5167 75¢ EA.

PUSH-TO-TEST INDICATOR WITH MINIATURE BAYONET DOUBLE LAMP HOLDER. 2 5/8" x 1 1/16" x 5/8" WITHOUT LAMP COVER. COVERS NOT AVAILABLE. NEW. KORRY TYPE 261 WITH SOLDER TERMINALS
 PRICE: \$1.00EA

INDICATOR LIGHT WITH MINIATURE BAYONET DOUBLE LAMP HOLDER. 2 1/2" x 1 1/2" x 3/4". INSCRIPTIONS WITH "CHECK FULL RPM" NEW. KORRY TYPE 204 SOLDER TERMINALS. PRICE: \$.75



BULLS EYE PILOT LIGHTS

DULL FINISHED BRASS, BAYONET BASE, AND 0" TO 3/8" SURFACE CLEARANCE. ALL USED. LESS BULBS. PRICE: \$.39EA

- B. P1001. 7/16" CLEAR JEWEL. SINGLE CONTACT MINIATURE BASE. 2-1/8"x7/8"
- D. LH62BY2. 3/8" DIA. AMBER JEWEL. SINGLE CONTACT MINIATURE BASE. 2 1/2"x1"

GRIMES INDICATOR LIGHT WITH ROUND LENS CAP; RED LENS, SUB-MIN. 28V. BULB INCLD. 7/16" THREADED BASE; SINGLE CONTACT. 2 1/2"x1 1/2"
 6220-333-5827 \$.50



PILOT LIGHT JEWELS

RED, FACETED, 3/8" DIA. JEWEL. SCREWS INTO 1/16" DIA. HOLE OF DESIRED ASSEMBLY. TYPE 81 \$.15 EA.

SMOOTH RED JEWEL 3/8" IN DIA-METER. SCREWS INTO A 3/8" ASSEMBLY. SERIES F \$.15 EA

LARGE 5/8" FACETED AMBER JEWEL. SLIPS OVER BRACKET 7/8" IN DIAMETER. HAS ALSO MOUNTING HOLES FOR 3/32" SCREWS. 2Z5368/1 \$.15 EA

3/8" DIA. WHITE SLIP-IN LAMP CAPS FOR SWITCHBOARDS. (NOT PICTURED) SLIPS INTO 3/8" HOLE. 4C1971 \$.15 EA 100/\$10

SUB-MINIATURE PILOT ASSEMBLY. 5/16" AMBER FACETED JEWEL FIT INTO BRACKET WITH AN OPENING OF 5/16". REQUIRES DOUBLE TERMINAL PLUG-IN OR SOLDER-IN NEON LAMPS. 1" LONG AND 1" HIGH. P1010 \$.15 EA 8/\$1.00



SUB-MINIATURE NEON PILOT LIGHT ASSEMBLY. FLUTED 5/16" DIA. CLEAR JEWEL. BASE IS FEMALE PART FOR A THREE PRONG PLUG WITH 1/16" DIA. HOLES IN ISOSCELES TRIANGLE PATTERN. MOUNTS IN 3/8" HOLE. 0" TO 3/8" SURFACE CLEARANCE. 1 3/8" LONG. INCLUDES BULB. USED. 110V. P1007 \$.25 5/\$1.00

SINGLE TERMINAL AND CONTACT SUB-MINIATURE DIMMER PILOT LIGHT. MECHANICAL DIMMER VARIES SIZE TO COMPLETE DARKNESS. REQUIRES T-1 1/2 BULB. 5/16" DIA. SMOOTH RED JEWEL. MOUNTS IN 7/16" HOLE. 1 3/8" LONG. LESS BULB. NEW. 6210-643-4087 \$.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. CLEAR STOVEPIPE, SMOOTH 5/8" DIA. JEWEL. MOUNTS IN 1/16" HOLE. SURFACE CLEARANCE IS 0" TO 3/8 2 1/8" LONG. LESS BULB. USED. P1008 \$.39

ALL PLASTIC PILOT LIGHT. SINGLE CONTACT, MINIATURE SCREW TYPE BASE. RED FLUTED, COVER-LIKE JEWEL 3/8" IN DIAMETER. NEEDS 3/8" HOLE. SURFACE CLEARANCE OF 0" TO 3/8". THERE IS NO ADJUSTING INSTALLATION DEPTH BY A NUT TWO 3/32" SCREWS ARE NEEDED TO ANCHOR LIGHT. 1 1/2" LONG. LESS BULB. USED. P1009 \$.39



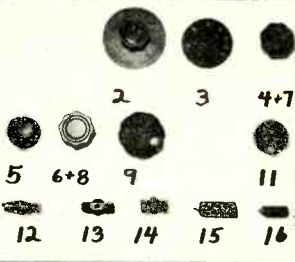
PILOT LIGHT WITH A SINGLE CONTACT, CANDELABRA SCREW BASE. LARGE 1" DIA. RED JEWEL FACETED ONLY AT THE EDGE. REQUIRES 1" HOLE AND HAS SURFACE CLEARANCE OF 0" TO 3/8". 2 3/8" LONG. LESS BULB. UNUSED. P1002 \$.59

PILOT LIGHT WITH SINGLE CONTACT, CANDELABRA SCREW TYPE BASE. 1" DIA. RED-FACETED JEWEL. MOUNTS IN 1" HOLE WITH SURFACE CLEARANCE OF 0" TO 3/8". 2 1/2" LONG LESS BULB, UNUSED. P1003 \$.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. 3/8" DIA. SMOOTH. GREEN JEWEL. MOUNTS IN 5/8" HOLE WITH A SURFACE CLEARANCE OF 0" TO 1/4". 2 1/16" LONG. LESS BULB, UNUSED. P1004 \$.49



PUSH BUTTON SELECTOR SWITCH, 6-BUTTON EACH NORMALLY CLOSED, MAKE ONE EACH SIDE. 5 1/2" x 1" FRONT MTG. PIECE. MOUNTS INTO 4" W X 3" H X 5" D AREA. WITH TERMINAL BOARD. UNUSED \$3.98EA.



FLUTED KNOBS

2-3/8" FLUTED KNOB W/3" SKIRT, BRASS INSERT FOR 1/2" SHAFT GR#9682 \$1.00
 2-3/8" FLUTED KNOB W/2-7/8 SEMI SKIRT, INSERT FOR 1/2" SHAFT. GR#9566 \$1.00
 1 1/2" DIA. FLUTED KNOB WITH REMOVABLE 3" DIAL WITH MARKING 34L-0-34R. BRASS INSERT FOR 3/16 DIA. SHAFT. KNBNO02 \$.25
 1" DIA. FLUTED KNOB WITH 2 1/2" NON-LINEAR CALIBRATED DIAL. BRASS INSERT WITH 1/2" DIA. HOLE. KNB003 \$.25
 1 1/2" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR 1/2" SHAFT. KNBNO04 EA \$.25, 5/\$1.00
 1 1/2" DIA. FLUTED KNOB WITH SKIRT AND POINTER. BRASS INSERT FOR 1/2" SHAFT. KNBNO05 \$.25
 1 1/2" FLUTED KNOB WITH BRASS INSERT FOR 1/2" SHAFT. KNBNO06 \$.25
 1" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR 1/2" SHAFT. KNBNO07 \$.25
 1" DIA. FLUTED KNOB WITH BRASS INSERT FOR 1/2" SHAFT. KNBNO08 \$.25

ALL THE ABOVE KNOBS ARE OF SET SCREW TYPE.

1 1/2" DIA. METAL FLUTED SPIN KNOB FOR 5/32" SHAFT. KNBNO09 \$.79
 2 1/2" DIA. SPIN KNOB. METAL. TAKES 3/16" SHAFT. #8089 NEW \$2.00

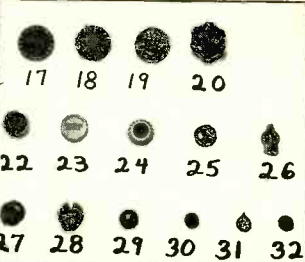
ANTIQUE KNOBS
 0-100 SCALE 180 DEG. 3" DIA. MAHOGANY MODULED. PRC#49 \$2.00
 180-0 SCALE, 180 DEG. 2 1/2" BLACK, 3/8" SHAFT, HOLE THRU CENTER. URC#18000 \$1.50
 100-0 SCALE, 180 DEG. 4" BLK 1/2" SHAFT. URC#100-0 \$2.25

1-1/8" DIA. PLASTIC FLUTED KNOB WITH LOCKING DEVICE. BRASS INSERT TAKES 5/16" SHAFT. #4692 NEW \$1.00
 1-5/8" DIA. PLASTIC KNOB WITH 2 1/2" DIA. ALUMINUM SKIRT, CALIBRATED 0 TO 10. BRASS INSERT FOR 1/2" SHAFT. #9414 NEW \$1.50
 1-1/8" DIA. FLUTED PLASTIC KNOB WITH 1 1/2" DIA. SKIRT. BRASS INSERT FOR 1/2" SHAFT. #9347 NEW \$.50
 1" DIA. PLASTIC KNOB WITH 1 1/2" DIA. SKIRT. CALIBRATED ALPHABETICALLY A, B, ... Y, Z. SKIRT ALUMINUM. 1/2" HOLE. #5312 NEW \$.50

1 1/2" DIA. METAL KNOB FOR 3/8" SHAFT WITH TWO SET SCREWS. FINGER GRIP KNOB FOR HEAVY SWITCHING APPLICATIONS. KNBNO18 2/\$.35
 1 1/2" DIA. PLASTIC KNOB WITH BRASS INSERT. BAR TYPE FINGER GRIP FOR SWITCHING. USE WITH 1/2" SHAFT. KNBNO19 \$.25

1 1/2" DIA. METAL KNOB FOR USE WITH 1/2" SHAFT. USED FOR APPLICATIONS WHERE EXTRA GRIP IS REQUIRED. 1 1/2" HIGH. KNBNO20 \$.25EA. 5/\$1.00
 3/4" RIBBED KNOB 7/8" DEEP 1" SKIRT F/1/2" SHAFT DULL BLK. KNB7820 35¢

5/8" x 3/4" SAME AS ABOVE BRIGHT BLK. KNB1261 20¢
 BAKELITE INSTRUMENT KNOB 1" DIA. 1" HIGH. BRASS INSERT FOR 1/2" SHAFT AND SET SCREW. KNBNO22 \$.25
 1 1/2" KNOB MARKED "INCREASED OUTPUT". 1/2" HOLE WITH SET SCREW. 1 1/2" THICK. METAL. KNBNO23 \$.25
 1 1/2" PUSH-ON KNOB FOR 1/2" SHAFT. W/MODIFICATION, BROWN KNBNO24 2/\$.25
 BROWN BAKELITE 1" DIA. KNOB KNULED SHAFTE 1". 3/8" HIGH. KNBNO25 2/\$.25
 BAKELITE POINTER KNOB WITH BRASS INSERT FOR 1/2" SHAFT. 1 1/2" x 1 1/2" x 3/4". KNBNO26 \$.25
 FLUTED KNOB W/POINTER AND SKIRT FITS 1/2" SHAFT. 1 1/8" DIA. 3/8" THICK. KNBNO27 \$.25
 1 1/2" DIA. KNOTCHED KNOB WITH BRASS INSERT FITS 1/2" SHAFT. SET SCREW TYPE. 3/8" HIGH. KNBNO28 3/\$.25



BAR TYPE KNOBS

BAR TYPE BAKELITE KNOB FOR 1/2" SHAFT. 1 1/2" x 3/4" x 5/8". SET SCREW TYPE. KNBNO12 \$.25

BAR TYPE BAKELITE KNOB FOR 1/2" SHAFT WHICH MUST BE TAPED FOR SET SCREW. 1 1/2" x 3/4" x 5/8". KNBNO13 \$.25

RECTANGULAR BAR TYPE BAKELITE KNOB 1 1/2" x 3/4" x 5/8". WITH BRASS INSERT FOR 1/2" SHAFT. SET SCREW TYPE. KNBNO14 \$.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR 1/2" SHAFT TAPED FOR SET SCREW. 2" x 3/4" x 3/4". KNBNO15 2/\$.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR 1/8" SHAFT TAPED FOR SET SCREW. 1 1/2" x 5/8" x 1/2". KNBNO16 \$.25

BAKELITE BAR TYPE KNOB 1" x 1/2" x 3/4" ON 1 1/2" REMOVABLE DIAL FOR 1/2" SHAFT. SET SCREW. KNBNO17 \$.25

1 1/2" DIA. METAL KNOB FOR 3/8" SHAFT WITH TWO SET SCREWS. FINGER GRIP KNOB FOR HEAVY SWITCHING APPLICATIONS. KNBNO18 2/\$.35

1 1/2" DIA. PLASTIC KNOB WITH BRASS INSERT. BAR TYPE FINGER GRIP FOR SWITCHING. USE WITH 1/2" SHAFT. KNBNO19 \$.25

MINIATURE LAMPS

STK#	TYPE	V.	A.	BASE	BULB	EA	PKG.	10
225950	LM-30	2	.25	MIN SC.	G-6	.20		.75
225950	511	2	.25	MIN SC.	G-6	.20		.75
68521	LM-21	110	400	MED SEC.	G-30	.50	4.00	
6240-6594	LM-41	110	6W	CAN SC.	#8	.20		1.50
626806.6	TS87	6-8/15CP		CAN/BAY	S-8CL	.35		3.00
626806.8	TS1129	6-8/21CP		CAN/BAY	S-8CL	.35		3.00
8870-775		150		CAN SC.	656 CL	.20		1.00
225954	LM-54	105-125		LEADS	T-2	.20		.75
626812-5	LM-45	12-16	.6	CAN BAY	G-6	.20		.75
6240-7126		55	5W	MED SC.	S-14	.25		2.00
DE ERY494	(RED)	125	25W	CAN SC.	T-6	.25		2.00
626812-5	LM-44	12-16		DC BAY	G-6	.20		.75
PC90615C		12		MIN SC	G-3 1/2	.20		.75
6240-3394	3S6/5	115		DC BAY	T-4 1/2	.25		1.75
	502	5	.15	MIN SC.		.20		.75
626812-6	Standard Lamp	12		VOLT FROSTED		.35		3.00
	PR-10	6						
	480	22	.55	MIN SC.	G-6	.30		2.00
225882		18	.11	MIN SC.	T-3 1/2	.20		1.00
626827	LM-30	27		CAN BAY	T-8	.20		1.00
	NE-2	1/17		AMP 2F	SLIDE BASE	.10		.75
	4C5494-K1			K1	SLIDE BASE	.10		.75

GE# 5F001 4 WATT FLUORESCENT LAMP, 5-3/8" LONG, TERMINAL TO TERMINAL \$.25 EA. 24 FOR \$3.

MARINE TYPE 600 WATT 28 VOLT GE G600 PAR 56/1 SCREW TERMINALS PRICE: \$4.00 EA. WRITE FOR 100 LOT PRICE.

GRIMES LAMP ASSY. #4725-24 WITH 327 GRAIN WHEAT BULB. 6220-333-5827 59¢ EA. 2 FOR \$1

DYNAMOTOR TESTER



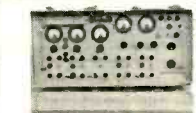
TS-414 DYNAMOTOR TESTER
THIS EQUIPMENT PROVIDES A MEANS OF TESTING DYNAMOTORS OF SEVERAL TYPES UNDER LOAD CONDITIONS. PROVISION IS MADE FOR THE MEASUREMENT OF INPUT VOLTAGE, INPUT CURRENT, OUTPUT VOLTAGE, OUTPUT CURRENT AND OUTPUT RIPPLE VOLTAGE OF BOTH SINGLE AND MULTIPLE OUTPUT DYNAMOTORS. METERS; INPUT D.C.V.; INPUT AC VOLTS RMS; DC OUTPUT CURRENT; DC OUTPUT VOLTS POWER REQUIRED: 14/28 VDC, 50 AMPS.
SIZE: 27x21x17½; WT. 100 LBS. \$35.00



TV-10 TUBE TESTER
USED TO TEST AND MEASURE THE PERFORMANCE CAPABILITIES AND TO DETERMINE REJECTION LIMITS FOR ELECTRON TUBES USED IN RECEIVERS LOW POWER TRANSMITTERS AND MANY OTHER TYPES OF ELECTRONIC EQUIPMENT. THE TESTS MADE ARE FOR DYNAMIC MUTUAL CONDUCTANCE, EMISSION, SHORTS, GAS, NOISE. ROLL CHART PROVIDES TEST SET UP DATA. HAS TEST SOCKETS FOR LOCTAL, OCTAL, 4,5,6,7 PIN, NORVAL 9,7 PIN MINIATURE, SUB-MINI, RD AND FLAT AND ACORN. POWER REQUIRED 115V 50-1000 HZ SIZE 18x10½x7 SHPG WT 30 LBS
USED REPARABLE \$40.00 USED CHECKED \$50.00
USES SAME ADAPTERS AS TV-7



TS-35/AP SIGNAL GENERATOR
USED FOR THE TESTING AND GENERAL MAINTENANCE OF RADAR EQUIP. PRODUCES SIGNALS, CW OR PULSED INTERNALLY OR EXTERNALLY SYNCHRONIZED, OF KNOWN FREQUENCY AND POWER. USED TO MEASURE THE FREQUENCY AND AVERAGE POWER OF RADAR TRANSMITTER SIGNALS, AND TO PRODUCE FM SIGNAL FOR DETECTION OF DEFECTS IN RADAR EQUIP. WILL MEASURE SIGNAL TO NOISE RATIO, TRANSMIT RECOVERY TIME, FREQUENCY PULLING, AFC OPERATION AND BANDWIDTH. FREQUENCY RANGE: 8700-9500 MC; POWER SUPPLY 115V±10% 50-1200 CYCLES
SIZE: 9x9x14, WT: 35 LBS.
PRICE: USED, \$39.95



PP-351/U POWER SUPPLY; PORTABLE POWER UNIT PROVIDING REGULATED DC POWER FOR TESTING COMMUNICATION EQUIP. AN/PRC-6, 8, 9 & 10; SCR-510 & 610; AND RECEIVER-TRANSMITTER BC-1000.
INPUT: 115/230V. 2.6/1.3 AMPS, 50/60 CYCLES
OUTPUT, A₁: .9 TO 1.8 VDC @ 0 TO 1.5 AMPS
A₂: .9 TO 1.8 VDC @ 0 TO 1 AMP AND 2.5 TO 8.6 VDC @ 0 TO 1 AMP.
B₁ & B₂: 22.5 TO 150 VDC @ 0 TO 100 MA.
C₂: 0 TO 22.5 VDC @ 0 TO 1 MA.
INCLD. INPUT CABLE AND OUTPUT CABLES FOR PRC-6; PRC-8,9,10; SCR-510, 610; AND BC-1000
SIZE: 25x11½x14½; WT: 150 LBS. USED \$49.50

OSCILLOSCOPE



TS-34A/AP OSCILLOSCOPE, SMALL PORTABLE UNIT WITH 2AP1 CRT. BANDWIDTH: 30 HZ TO 1 MHZ. RISE TIME: 0.25 TO 30,000 U-SEC.
SWEEP TIME ADJUSTABLE IN THREE RANGES FROM 10 TO 50,000 HZ. INPUT IMPEDANCE 62 OHMS OR 430,000 OHMS PARALLELED BY 12 MMF. INPUT VOLTAGE SENSITIVITY 10 TO 100 VOLTS AT 40 DB. EXTERNAL CONNECTION POSSIBLE TO ONE VERTICAL AND BOTH HORIZONTAL PLATES. WITH TUBES 4/6AK5, 2/6AG7, 2/6SL7, 6SN7, 5Y3, 6X5 AND 2AP1. POWER REQUIRED: 115 VAC 50 TO 1200 HZ. SIZE: 20½x9x8 SHPG. WT: 40 LB
PRICE: USED, REPARABLE \$39.95 CHECKED \$49.95

TS-172 ECHO BOX 1215-1370 MHZ, USED TO FIELD TEST RADAR SETS. CONSISTS OF A HIGH "Q" RESONATOR EXCITED BY MEANS OF LOOP THAT IS CONNECTED TO THE SET BY MEANS OF A R.F. CABLE. AN AUXILIARY LOOP IS CONNECTED TO A POWER METER WHICH SERVES AS THE TUNING INDICATOR. A SLIDE CHART IS MOUNTED ON THE FRONT IN ORDER TO DETERMINE THE RING TIME OF THE EQUIPMENT. SHIPPED IN CARRYING CASE
SIZE: 19½x17½x17½; WT: 75 LBS.
PRICE: USED \$49.95 UNUSED \$65.00 MANUAL \$7.50



MULTI-PURPOSE TEST SET



AN/TRM-1 SIGNAL GENERATOR AND POWER METER. C.19-400 MHZ AM; DESIGN TO PROVIDE PERFORMANCE MEASUREMENTS ON RECEIVERS AND TRANSMITTERS SUCH AS PERCENT MODULATION, POWER OUTPUT, AND CARRIER LEVEL SHIFT. CONSISTS OF TWO RF OSCILLATORS; SG-32 5 RANGES, 0.19-30 MHZ, AND SG-33, 30-400 MHZ MODULATED INTERNALLY 0-60% 1000 HZ OR EXTERNALLY 200-6000 HZ. EACH HAS A NINE STEP FIXED ATTENUATOR 2.5-100000 uV, 50 OHM IMPEDANCE. ALSO VOLT/MW METER: DCV. 3,30,300,600 @ 20K uV. ACV: 3,30,300 @ 5K uV. MW: 10,100,1000 200-6000 HZ, INPUT IMP 300 OHMS. RF WATTS 3-100 OVER RANGE 0.19-400 MHZ THROUGH THE USE OF CU-413 AND CU-220 COUPLER WHEN USED WITH APPROPRIATE DUMMY LOAD (NOT AVAILABLE). AN/TRM-1 w/CU-220, CU-413, POWER CABLE. POWER REQUIRED 115V60 HZ, SIZE 18x13x8, SHPG WT 65 LBS. PRICE: USED REPARABLE \$200.00 USED CHECKED \$265.00
ACCESSORIES FOR AN/TRM-1. QUANTITY LIMITED
MX-1652 ANTENNA SIMULATOR, REC \$5.00
MX-2075 TEST ADAPTER 50 OHM 5.00
CN-399 FIXED ATTENUATOR 6 DB 5.00
CN-287 FIXED ATTENUATOR 12 DB 5.00
CX-3049 SPECIAL PURPOSE CABLE 5.00
CX-3884 OSCILLATOR EXTENDER CABLE 7.50
MANUAL REPRODUCTION \$10.00

FR-72 TUNED CAVITY PORTABLE RINGING CAVITY USED FOR TESTING THE OVERALL PERFORMANCE OF RADAR EQUIPMENT SUCH AS POWER OUTPUT & FREQUENCY SPECTRUM. THE ECHO BOX CONTAINS A PRECISE-DIMENSIONED, SILVER-PLATED RESONANT CAVITY THAT OPERATES AS A SHARPLY TUNED CIRCUIT IN WHICH INDUCTANCE AND CAPACITANCE ARE TUNED TO RESONANCE AT THE FREQUENCY MEASURED. FREQ. RANGE 8500 TO 9000 MEGAHERZ. A 3½" RC. 0-30 MICROAMMETER IS USED TO INDICATE PART OF THE STORED ENERGY. POWER IS OBTAINED FROM THE UNIT UNDER TEST. SUPPLIED WITH 1N-23B CRYSTAL DIODE, UG-446/U ADAPTER AND 8 FOOT COAXIAL CABLE.
SIZE: 16x26x14 WT: 45 LBS. UNUSED \$19.95



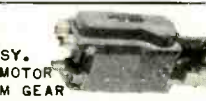
TS-62 ECHO BOX & CAVITY PORTABLE SELF-CONTAINED MANUALLY TUNED TEST SET USED FOR CHECKING RADAR EQUIPMENT IN THE 9320-9420 MHZ RANGE. IT WILL DETERMINE THE FREQ. OF CW, MCW OR PULSED SIGNALS, MEASURE THE RELATIVE OUTPUT ON 0-20 3½" MICROAMMETER, DETECT DOUBLE MODING OF MAGNETONS AND GIVES SIGNAL-TO-NOISE RATIO OF REC. ANTENNA PICK-UP ASSY. WITH CABLE PROVIDED.
SIZE: 6½x18½x11½; WT: 15 LBS. USED \$9.95

I-61 TEST SET FOR TRANSMISSION MEASURING

PORTABLE BATTERY OPERATED UNIT USED TO MEASURE LOSS OR GAINS IN CIRCUITS OR APPARATUS. AUDIO OSCILLATOR FREQUENCIES OF 500, 1000 AND 2500 CYCLES WITH LEVELS OF -40DBM, -20 DBM OR U DBM INTO A 600 OHM LOAD, THE RECEIVING AMPLIFIER IS CALIBRATED TO MEASURE LEVELS FROM A 600 OHM SOURCE BETWEEN -50 DBM & 15 DBM IN STEPS OF 0.5 DBM OVER THE FREQUENCY RANGE OF 100 TO 10,000 CYCLES 0 DBM IS ONE MILLIWATT IN 600 OHMS.
UNIT ALSO CONTAINS A EE-88 FIELD TELEPHONE, BATTERY OPERATED ASSY. WITH A TS-9 HANDSET. AND BE PURCHASED WITHOUT THIS ASSEMBLY. COMES IN WOOD CARRYING CASE 18½x10x11, WT: 47 LB
PRICE, COMPLETE WITH TELEPHONE ASSY & TS-9 USED \$29.95
LESS TEL. ASSY " 19.95



MD-34/ARA-8 MODULATOR KEYING UNIT AUTOMATIC HOMING KEYING ASSY. THAT OPERATES FROM 24 VDC MOTOR THAT IS CONNECTED TO A WORM GEAR WHICH ACTUATES THE CODED WHEEL THAT INTERRUPTS THE SIGNAL AND TRANSFERS FROM ONE ANTENNA TO ANOTHER. ALSO HAS RELAY AND THREE SO-239 TYPE COAX. CONN. CAN BE USED AS A REMOTE ANTENNA CHANGE-OVER. SIZE: 3½x10x4½, WT: 5 LBS.
PRICE: USED..... \$1.95



TS-730 SUMMATION BRIDGE WATTMETER USED TO MEASURE R.F. OUTPUT IN THE 1000 TO 4000 MC RANGE. EMPLOYS A DIRECT READING CIRCUIT IN WHICH A BOLOMETER ACTS AS ONE ARM OF A D.C. WHEATSTONE BRIDGE AT THE SAME TIME PROVIDING THE CORRECT RESISTIVITY TERMINATION FOR RADIO FREQ. POWER ENTERING THE WATTMETER. POWER INPUT 5 MW TO 5 WATTS. INPUT IMPEDANCE 50 OHMS. METERS 3½" 0-50 RELATIVE POWER AND CENTER SCALE BALANCE. WITH TUBES 2/5651, 6AU6, 6AS7G & 5Y3GT. POWER REQ. 115 V. 50-1600 CYCLE.
SIZE: 13x14x11; WT: 19 LBS.
PRICES: LESS ATTENUATOR KIT BUT AS ILLUSTRATED LESS CARRYING CASE \$14.95 WITH ATTENUATOR KIT AND CARRYING CASE 35.00



MA-1 RANGE SERVO TEST SET USED FOR TESTING AND TROUBLE SHOOTING AIR FORCE TYPE "A" SERIES RANGE SERVOS. SPECIFICALLY, TEST PROVIDES MEANS OF MEASURING THE VARIOUS OPERATING VOLTAGES OF THE RANGE SERVO UNDER TEST AND LOCALIZING THE TROUBLE WITHIN A RADAR GUNSIGHT SYSTEM. CONTAINS 3½" 50 MICROAMMETER WITH 0-60 0-150 SCALES IN RED FOR ACV & 0-50/500 VDC SCALE IN BLK. SELECTOR SWITCHES, INDICATOR LIGHTS AND FOUR GORN CONNECTORS 12M & 12F WHICH ARE MALE & FEMALE 12 CONTACT ALSO CABLE WITH MATCHING DETACHABLE PLUGS.
SIZE: 10½x10x7½ IN ALUMINUM CASE. WT: 18 LBS.
PRICE: RE-NEW \$15.00



AN/URM-35 SIGNAL GENERATOR 4450 TO 8000 MHZ ON SINGLE BAND. GENERATES CW OR PULSE-MODULATED SIGNALS. PULSE WIDTH: 3.5 U-SEC ±0.5 U-SEC @ 50% PEAK AMPLITUDE; RISE TIME 0.35 U-SEC. POWER OUTPUT: 0 TO -100 DBM CONTINUOUSLY VARIABLE. RF OUTPUT IMPEDANCE 50 OHMS; VIDEO OUTPUT TERMINATING IMPED. 50 OHMS RESISTIVE. POWER REQUIRED: 115 VAC, 380 TO 1000 HZ.
SIZE: 15½x17½x11½ WT: 45 LBS.
PRICE: USED, REPARABLE \$49.50

WAVEMETER

FR-91/U WAVEMETER; PORTABLE UNIT USED TO MEASURE MICRO-WAVE SIGNALS BETWEEN 1800 AND 2800 MHZ, CW, AM, FM, PULSED OR NARROW-BAND. DESIGN ACCURACY 0.02%. POWER SENSITIVITY: 1 MW. TUNING SENSITIVITY BETTER THAN 0.03%. INTERNAL MICROMETER WITH ADJUSTABLE SENSITIVITY; MAY ALSO BE USED WITH SCOPE OR VTVM. WITH CALIBRATION CHART. POWER REQUIRED: NONE. SIZE: 10x6½x13 WT: 13 LBS. USED \$34.95

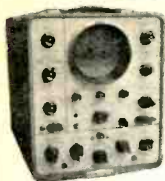


TS-238/TS-207 ECHO BOX WITH 3" RD. 0-200 MICROAMMETER AND CRYSTAL ADAPTER FOR RF ENERGY. ECHO BOX IS A RESONANT-CAVITY DEVICE DESIGNED TO SIMPLIFY THE TUNING AND CHECKING OF RADAR BY PROVIDING AN ARTIFICIAL OR "PHANTOM" TARGET WHICH MAY BE USED IN TUNING THE RECEIVER TO THE TRANSMITTER IF NO REAL TARGETS ARE AVAILABLE. PROVIDES A CLEAR, STEADY ECHO OF KNOWN CHARACTERISTICS WHEN SUCH AN ECHO IS NOT OBTAINABLE FROM NEARBY GROUND TARGETS. REQUIRES UG-21 COAX. CONN. 11x15x7 15 LBS. \$15.00 UG-21 COAXIAL CONNECTOR FOR ABOVE UNIT 75¢.



I-129 FREQUENCY METER ABSORPTION TYPE; DESIGNED TO MEASURE RADIO FREQUENCY FROM 1.5 TO 41 MC. CONSISTS OF FOUR FREQUENCY INDICATING ASSEMBLIES, THAT CONSISTS OF A COIL VAR. CAPACITOR AND DIAL, AND IS USED TO INDICATE THE FUNDAMENTAL FREQ. OF AN R.F. SOURCE. IT MAY ALSO BE USED TO DETERMINE THE ORDER OF A HARMONIC CRYSTAL OSCILLATOR, FREQ. DOUBLER OR QUADRUPLER. THE RANGES ARE 1.5-4 MC, 4-11 MC, 10-20 MC & 19-40 MC. NO VOLTAGE IS REQUIRED FOR OPERATION. CARRYING CASE SIZE: 12½x5½x3; WT: 8 LBS. U \$25.00

OSCILLOSCOPE

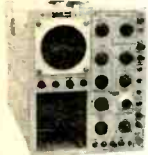


HEWLETT-PACKARD 150A OSCILLOSCOPE with H-P 152B dual-trace plug-in; General purpose scope has a DC to 10 Mhz vertical bandwidth and a 5" display. Vertical Sensitivity: 50 mv/cm to 50 v/cm. Sweep Time: 0.1 u-sec/cm to 5 sec/cm. Sweep magnification X1, X5, X10, X50, X100. Horizontal Sensitivity: 0.2 v/cm to 5 v/cm. Calibrator 0.2 mv to 100 v. Power required: 115/230 vac 50-440 Hz. Size: 16x14x23 1/2. Shpg. wt: 100 lbs. Price: Used, repairable \$250. Checked \$300.

TEKTRONIX 545A OSCILLOSCOPE



TEKTRONIX 545A OSCILLOSCOPE with DC to 30 Mhz vertical bandwidth. Has the versatility offered in the TEK "letter" and "1" series plug-ins, delayed sweep, and a 6 X 10 cm graticule. Vertical characteristics depend upon the plug-in used. Horizontal Sensitivity: 0.1 u-sec/cm to 12 sec/cm (time base A) and 2 u-sec/cm to 1 sec/cm (time base B). Sweep magnification of X5. Delay Range: 2 u-sec to 10 sec/cm. Amplitude Calibrator: 1000 Hz squarewave, 0.2 mv to 100 v. SOLD LESS PLUG-INS. Power required: 115/230 vac 50-60 Hz. Size: 17x13x24. Shpg. wt: 80 lbs. Price: Used, repairable \$500. Checked \$600.



AN/USM-81 OSCILLOSCOPE, similar to Tektronix 535, not Tektronix manufacture. DC to 11 Mhz, two time bases. Accepts TEK and similar "letter" and "1" series plug-ins. Sold less plug-ins. Shpg. wt: 80 lbs. Used. Repairable, \$275. Checked \$350.



TEKTRONIX TYPE OSCILLOSCOPE PLUG-IN UNITS for use with Tektronix 530, 540, 550 series and similar manufacturers' scopes. Sold as "used, repairable-complete." Add \$5.00 for Tektronix mfg. unit. TYPE B Wide band, High gain, \$35. TYPE D High gain DC diff., \$40. TYPE H Wide band, high gain DC preamp, \$45. TEK TYPE G wide band DC differential, \$45. TEK TYPE P or 84 Sample test, each \$45.

TEKTRONIX MFG.

- 514D DC-10 MHZ, 0.1 u-sec-.01 sec/cm sweep \$150.00
- 513D DC-20MHZ, .01 to 1000 u-sec/cm sweep rate generator \$225.00
- 524AD Television Scope, DC-10 MHZ markers, sweep delay \$250.00
- 532 DC-5 MHZ, 0.2 u-sec to 5 sec/cm sweep, uses "letter" series plug-in (not included) \$225.00
- 541 DC-30 MHZ, 0.2 u-sec to 5 sec/cm sweep, uses "letter" series plug-in (not included) \$350.00
- 570 Electron Tube Curve Tester \$300.00

AN/USM-50 OSCILLOSCOPE



WITH 3ADPI CATHODE RAY TUBE AND 15 MHZ BANDWIDTH, RISE TIME FROM 0.022 u-sec TO 30,000 u-sec. SWEEP TIME CONTINUOUSLY ADJUSTABLE FROM 0.17 TO 37,500 u-sec WITH SWEEP DELAY THAT ALLOWS 10% OF SWEEP LENGTH TO BE EXPANDED 10 TIMES FOR SWEEPS GREATER THAN 5 u-sec. TRIGGER PULSE FROM 10 TO 10,000 HZ WITH 0.15 u-sec RISE TIME. TIMING MARKERS SYNCHED AT 0.2, 1, 5, 20, 100 VERTICAL AND 2000 u-sec. VERTICAL INPUT IMPEDANCE: 1 MEGOHM SHUNTED BY 40 UUF FOR ALL ATTENUATOR POSITIONS. HORIZONTAL IMPED: 1 MEGOHM SHUNTED BY 30 UUF INPUT VOLTAGE: 0.03 TO 90 VOLTS PEAK INPUT SENSITIVITY: 10 MV/CM-RMS CALIBRATION: 1 KHZ ADJUSTABLE 20 TO 200 MV. EXTERNAL CONNECTIONS POSSIBLE TO BOTH THE VERTICAL PLATE AND THE HORIZONTAL AMPLIFIER. POWER REQUIRED: 115 VAC 50 TO 1000 HZ SIZE: 15x19x16 1/2. WT: 80 LBS. LESS PROBES PRICE: USED, REPAIRABLE \$75.00 USED, CHECKED \$100.00

PROGRAMMED TUBE TEST

HICKOK 123A TUBE TESTER, A SEMI-AUTOMATIC UNIT UTILIZING PUNCH-CODED PROGRAM CARDS TO TEST VACUUM TUBES. UPON PLACING THE APPROPRIATE CODE CARD IN SLOT, A TUBE'S CHARACTERISTICS ARE AUTOMATICALLY ANALYZED AND EVALUATED ON A PANEL METER WITH SCALES: 0-100 AND GOOD-REPLACE (LEAKAGE); REPLACE-GOOD (QUALITY); AND OK-REPLACE (GAS). TEST SOCKETS FOR 6X4, 6X5, 6X6, 7-PIN, NORVAL 9, 7-PIN MINIATURE, SUB-MINIATURE. WITH NO LESS THAN 1600 TEST DATA CODE CARDS. SOLD AS "RECEIVED FROM GOVERNMENT--NOT CHECKED." POWER REQUIRED: 115 VAC 60 HZ. SIZE: 30x14x10 1/2. WT: 100 LBS. USED, NOT CHECKED \$50.00

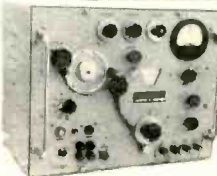


10 TO 100 MHZ CONVERTER

NORTHEASTERN 14-21C FREQUENCY CONVERTER; 10 TO 100 MHZ COUNTER PLUG-IN EXTENDS FREQUENCY RESPONSE OF NORTHEASTERN 14-20C, FR-38, AND HEWLETT-PACKARD 524-SERIES FREQUENCY COUNTERS. BEIGE; WT: 10 LBS. PRICE: USED, REPAIRABLE \$35.00



SIGNAL GENERATOR



TS-403 SIGNAL GENERATOR, SIMILAR TO HEWLETT-PACKARD 6168; 1.8 TO 4.2 Mhz DIRECTLY CALIBRATED. DESIGNED FREQUENCY CALIBRATION -1%. OUTPUT RANGE OF 1 MW OR .223 v. TO 0.1 u-v. INTO 50 OHM LOAD IS DIRECTLY CALIBRATED AND CONTINUOUSLY MONITORED. INTERNAL MODULATION 40 TO 4000 HZ; EXTERNAL PULSE MOD. REQUIREMENTS 40 TO 70 v. POS. OR NEG., WIDTH 1 u-sec TO 2500 u-sec; MAY BE SQUAREWAVE MODULATED. POWER REQUIRED: 115/230 VAC 50-1000 HZ. SIZE: 17x13x13 1/2. WT: 65 LBS. PRICE: USED, REPAIRABLE \$150.00

SIGNALING SYSTEM



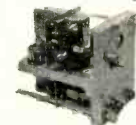
DUPLEX SIGNALING UNIT DSU-2 AUDIO TONE TRANS. & REC. FOR USE IN THE 2000 TO 7475 HZ CARRIER SYSTEM FOR LAND LINE, POWER LINE OR RADIO SIGNALING. REC. CAN BE ON SAME OR DIFFERENT FREQ. CH. CNT. FRE 2000-3500 @ 100HZ INTERKEYING SPEED 14-21 P-PER-SEC. TRANS. OUTPUT 600 OHM. REC. INPUT 600 OHM. POWER REQ. 105-125V. 50/60HZ, FOR 19" RACK MOUNT. W/TUBES 2/12AU7, 2/6AG5, 1/6AL5, 1/5964 (RELAY) 1/5Y3 ALSO 2 SEPARATE ASSY. LAMP PANEL ASSY. W/BUZZER & VOICE BAND FILTER PANEL. SIZE: 3x19x8, OTHER UNITS 1 1/2" DEEP. WT: 50LBS HAMMARLUND DSU-2M W/MANUAL UNUSED \$24.95

COLLINS 250 KC I.F.



COLLINS 250 KC I.F. AMPLIFIER WITH MECHANICAL FILTER 250 KC .67 KC WIDE, 3/5749 & 2/5726 TUBES. P/O 618S SET. SIZE: 4x6x3 1/2. 3 LBS. #5821-505-2602 UNUSED \$9.95

OSCILLATOR



OSCILLATOR AMPLIFIER ASSEMBLY; WITH 1/725B KLYSTRON AND 2/717A TUBES THAT WERE DESIGNED TO BE USED IN THE 2800-3000 MHZ RANGE WESTERN ELECTRIC ASSY. #D-150815 SIZE: 6x5x4; WT: 5 LBS. PRICE: USED, UNUSED \$12.95

MYLAR COMPUTER TAPE 1/2", 1 1/2 MIL, 2400 FT. REEL, IN LOCK TOP BOX FOR DUST FREE STORAGE, USED. 3 LBS. \$2.95



URC-AMPX 838 OR EQUAL \$2.95

T-195 TRANS. ASSY.

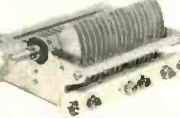
VFO-MASTER OSCILLATOR FROM THE T-195 TRANSMITTER; GENERATES FREQUENCY OF 1.5 TO 3 MHZ. HAS 5749 OSCILLATOR TUBE AND 5749 BUFFER-AMP TUBE. WITH 3x3/16" DIA. SHAFT. 2x3x7, WT: 5 LBS. VFO/T-195, REMOVED F/EQUIPMENT, \$7.95



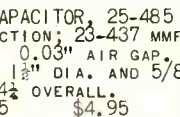
EXCITER STAGE FROM T-195, USED TO AMPLIFY VFO OUTPUT AND SUPPLY DESIRED TRANSMITTING FREQUENCY TO POWER AMP. SLUG TUNED IN RANGES (1.5-3), (3-6), (6-12), AND (12-20) MHZ. WITH TUBES 6AU6, 2/6AK6, AND 5763. SIZE: 4x3x8, 12 LBS. EXC/T-195, \$14.95



VARIABLE CAPACITOR, 13.5-77.8 MMF ONE SECTION; 17-99.6 MMF THE OTHER. 0.094" AIR GAP. WITH 3/8x1/2" DIA. SHAFT. 5x1x3 1/2 OVERALL. C-221/T-195 \$3.95



VARIABLE CAPACITOR, 25-485 MMF ONE SECTION; 23-437 MMF THE OTHER. 0.03" AIR GAP. WITH GEARS 1 1/2" DIA. AND 5/8" DIA. 4x3x4 1/2 OVERALL. C-222/T-195 \$4.95



ANTENNA TUNING VARIABLE CAPACITOR, 20 TO 400 MMF, 0.03" AIR GAP. WITH 5/8x1 1/2" DIA. SHAFT. 4x1-5/8 OVERALL. C-1003/T-195 \$3.95



R-390A R-392 RECEIVERS

R-390A/URR RECEIVER, 0.5 to 32 Mhz read directly on counter type indicator. Wt: 90 lbs Price: Used, repairable \$400. Checked \$550.

R-392 RECEIVER, 0.5 to 32 Mhz read directly on counter type indicator. Requires 24 VDC @ 3 amps. Shpg. wt: 70 lbs. Checked \$195.

R-392 AUDIO MODULE

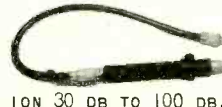


TRANSISTORIZED AUDIO MODULE FOR USE IN R-392/URR RECEIVER AS THE V-608/26A7GT, PLUGS INTO SOCKET. SN-C-356720 USED CHECKED \$20; REPAIRABLE \$10

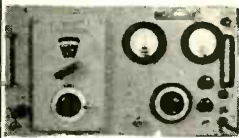
VARIABLE CAPACITORS

- 1.5-5 PF, 5 PL. SC. DR. 1x1x3 #160-102-2 \$.59
- 2.7-10.8 PF, 20 PLATES BUTTERFLY, SC. DR. OR KNOB, 1x1x3 #160-211 .89
- 2.3-14 PF, 15 PLATES, SC. DR. OR KNOB, 1x1x3 #160-107 .75
- 3-15 PF EA. SEC. DUAL SPLIT STATOR, WITH COIL 6 TURNS, TUNES 150-300 MHZ 1x2x1 1/2 #351-1053 1.50
- 3-15 PF EA. SEC. 2 KV. SPLIT STATOR, 11 PL. EA. 3x1x1 1/2 #HFD-15X 1.95
- 4-25 PF EA. SEC. 1KV. SPLIT STATOR, 7PL. EA. SEC. 3x1x1 1/2 #HFD-25 2.25
- 3-32 PF 28 PL. SC. DR./KNOB SHFT. 1x1x3 #160-130 1.00
- 5-40 MMF 2 KV. 11 PLATES, 2x2x1 1/2 SHFT 1x1x3 #4111-8/5910-195-8134 2.95
- 6-50 PF 1 KV. BUTTERFLY, 24 PL. 1x1x1 1/2 SHFT 3x3 #167-203 2.95
- 4.7-55 PF 1 KV. 14 PL. 1x1x1 1/2 SHFT 2x1 #167-161-97 2.95
- 10-100 MMF 1 KV. DUAL SPL. STATOR 3 1/2x 1x1 1/2 SHFT 2x2 #5910-186-7224 3.50
- 7-100 MMF 2 KV. 28 PL. 3x1x1 1/2 SHFT 1/4x1/4. #31944 3.95
- 5-150 MMF 500 VDC 38 PL. 2 HOLE MTG. 1x1x1 1/2 SHFT 2x2 #APC140B 1.25
- 15-425 MMF DIFFERENTIAL 500 VDC, DUAL STATOR 30 PL. EA. ROTOR 30 PL. 3x1x1 1/2 SHFT. 2x2 #149-315-3 4.95

ATTENUATOR



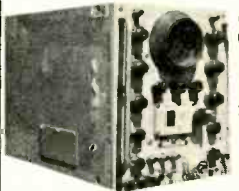
ATTENUATOR SLIDING SCALE TYPE 30 TO 450 MHZ 3" SLIDING ADJUSTMENT, 52 OHM CABLE 20" LG. W/ PL-259 EA. END, ATTENUATOR ION 30 DB TO 100 DB. #2Z396-7 USED \$4.95



TS-497B/URR SIGNAL GENERATOR, 2 to 400 MHz. IN SIX BANDS. DESIGN ACCURACY $\pm 0.5\%$. OUTPUT VOLTAGE CONTINUOUSLY TUNEABLE FROM 0.1 TO 100,000 MICROVOLTS.

GENERATES EITHER AM OR PULSED CARRIER. INTERNAL MODULATION 400 OR 1000 HZ; EXTERNAL MODULATION 50 TO 10,000 HZ. PERCENT MODULATION VARIABLE FROM 0 TO 30 PERCENT. OUTPUT IMPEDANCE 50 OHMS. POWER REQUIRED: 115 VAC 50/60 HZ.

SIZE: 9 $\frac{1}{2}$ x19 $\frac{1}{2}$ x10 $\frac{1}{2}$ SHPG. WT: 65 LBS. PRICE: USED, REPARABLE \$195. CHECKED \$225.00



OS-4/USM-25 OSCILLOSCOPE GENERAL PURPOSE UNIT DESIGNED TO PORTRAY A LUMINOUS PLOT OF VOLTAGE AGAINST A TIME BASE. SERVES AS A AUX. RANGING UNIT, PRECISION TEST OSCILLOSCOPE AND CALIBRATOR CAN BE USED WITH RADAR SYSTEMS TO INCREASE THE ACC. IN RANGING, EXTEND THE RANGE SCALE AND PROVIDE ACC. CRYSTAL CONTROL MARKERS ALSO EXPANDED, DELAYED OR UNDELAYED SWEEPS.

VIDEO AMP. SENS. MIN. .5 V PK-PK W/CRY. PROBE 5.0 V. DIR. TO VERT. DEF. 43 TO 52 VOLTS. FREQ. RESPONSE AMPL. 1 DB 50 CPS AND 5 MCPS PULSE RESPONSE RISE TIME LESS THAN .1 MILLISEC. DELAY TIME, LESS THAN .2 MICROSEC. INPUT IMPEDANCE AMPL. 1 MEGOHM, SYNCHRONIZING CRYSTAL CONTROL MARKERS 10 MICROSEC. AND 50 MICRO SEC. INTERNAL IMP. 56 OHMS. SIGNAL DELAY TIME .60 SEC. WITH TUBES 3VP1 CR AND 22 OTHER TUBES. POWER REQ. 115 V. 50 TO 1000 CYCLES. SIZE: 11 $\frac{1}{2}$ x17 $\frac{1}{2}$ x9; WT: 40 LBS. PRICE: USED REPARABLE \$39.50 CHECKED \$55.00



KB9-A 16 MM MOVIE CAMERA USED TO RECORD STRIKES BY THE MILITARY. HAS 35 MM, F3.5 KODAK EKTAR LENS; VARIABLE APERTURE FROM F3.5 TO F16. FILM SPEED: 32 FRAMES PER SECOND. FILM CAPACITY: 35 FT 16 MM FILM. CAN BE ACUTATED BY REMOTE CONTROL. POWER REQUIRED: 27 VDC FOR DRIVE MOTOR AND HEATER. RED AND YELLOW FILTERS INCLD. SIZE: 7 $\frac{1}{2}$ x2 $\frac{1}{2}$ x2 $\frac{1}{2}$ SHPG. WT: 5 LBS. PRICE: NEW \$24.95

TS-352 MULTIMETER, PORTABLE GENERAL PURPOSE VOLT-OHM-METER. SENSITIVITY 1000 OHMS/VOLT AC-DC OR 20,000 OHMS/VOLT DC ONLY. AC-DC VOLT SCALES: 2.5/10/50/250/500/1000 VOLTS. DC AMP SCALE: 250 UA/2.5 MA/10 MA/50 MA/100 MA/500 MA/2.5-10 AMPS. RESISTANCE SCALE: RX1/X10/X100/X1000/X10,000 OHMS. WITH FOUR INCH METER FS=50 U-AMPS. JACK FOR 5000 VDC @ 20K OHMS/VOLT. WITH TEST LEADS. USES THREE 4 $\frac{1}{2}$ VOLT AND ONE $\frac{1}{2}$ VOLT BATTERIES. SIZE: 15/11x10 WT: 23 LBS. PRICE: USED, REPARABLE \$29.95.



AG3 AUDIO GENERATOR, MFG. IN CANADA BY MEASUREMENT ENGINEERING. 35 HZ TO 35 KHZ IN THREE RANGES. FREQUENCY RESPONSE FLAT WITHIN ± 1 DB FROM 35 HZ TO 15 KHZ. POWER OUTPUT 1 WATT INTO 500 OHMS, OVER 25 VOLTS ON OPEN CIRCUIT. WITH TUBES 6SJ7, 6SF5, 6K6, 6V6 AND 5U4. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 18x14x8 SHPG. WT: 60 LBS. PRICE: USED, COMPLETE, NOT CHECKED \$40.00



GENERAL RADIO TYPE 874 VI VOLT-METER INDICATOR; MEASURES RECTIFIED DC OUTPUT OF CRYSTAL DIODES, RF DIODES, AND CALIBRATES THE CRYSTAL AT THE APPLIED LEVEL VOLTAGE. FREQUENCY RANGE 60 HZ TO 7.0 GHZ. CALIBRATING VOLTAGE ACCURACY: 0.1 TO 2.0 V. CRYSTAL CURRENT 0-200 U-AMPS. INCLUDES 2 $\frac{1}{2}$ " 0-200 MICROAMMETER, DIRECTLY CALIBRATED DIAL, AND SCHEMATIC. POWER REQUIRED 115/230V. 50 -60 HZ. AC. SIZE: 5 $\frac{1}{2}$ x5 $\frac{1}{2}$ x3 $\frac{1}{2}$ WT: 6 LBS. PRICE: UNUSED \$24.95

DIGITAL COUNTER

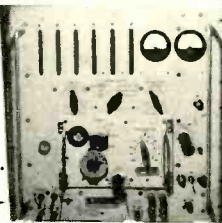
NORTHEASTERN ENGINEERING MODEL 14-20C FREQUENCY COUNTER WITH 8-PLACE NIXIE DIGITAL DISPLAY. FREQUENCY RANGE 10 HZ TO 10.1 MHz WHICH CAN BE EXTENDED TO 1000 MHz WITH THE PROPER PLUG-IN FREQUENCY CONVERTER. TIME PERIOD: 10 U-SEC TO 1.0 MILLION SEC. INPUT IMPEDANCE: 1 MEG-OHM SHUNTED BY 40 UUF.



ALSO COUNTER DESIGNED TO BE USED AS A SECONDARY FREQUENCY STANDARD FROM 10 MHz TO 0.1 HZ WITH A CRYSTAL-CONTROLLED 1 MHz OSCILLATOR. HOWEVER, THE 1 MHz OSCILLATOR IS NOT AVAILABLE. COUNTER USES PLUG-IN UNITS INTERCHANGEABLE WITH FR-38 AND HEWLETT-PACKARD 524 SERIES COUNTERS. PLUG-INS SOLD SEPARATELY. POWER REQUIRED: 115 V. 50-400 HZ. SIZE: 19 $\frac{1}{2}$ x19x17 $\frac{1}{2}$ SHPG. WT: 110 LBS. PRICE: USED, LESS 1 MHz OSCILLATOR, \$95.00

HP-524C COUNTER, 8 DIGIT READOUT, DC TO 10 MHz, CAN BE EXTENDED TO 500 MHz WITH PROPER PLUG IN. USED, NOT CHKD \$195. (PLUG-INS LISTED BELOW) " CHECKED \$225.

FR-38 FREQUENCY METER AND COUNTER; GENERAL PURPOSE UNIT SIMILAR TO HEWLETT-PACKARD 524B. USED TO MEASURE FREQUENCY AND TIME INTERVALS. FREQ. RANGE: 10 HZ. TO 10 MHz; CAN BE EXTENDED WITH PROPER PLUG-INS TO 510 MHz. TIME INTERVAL: .001 SEC TO 10 SEC. CAN BE EXTENDED FROM 1.0 U-SEC TO 100 DAYS WITH PROPER PLUG-IN. FR-38 CONSISTS OF A SIGNAL GATE, A TIME BASE SECTION, A GATE SECTION AND 6-DECADE COUNTER. RECEIVES CW OR PULSED. ACCURACY ± 1 TO 3000 HZ .03%; @ 3000 HZ TO 10 MHz .001%. POWER REQUIRED: 115V AC 50 - 1000 HZ. SIZE: 19 $\frac{1}{2}$ x19x18 $\frac{1}{2}$ WT: 125 LBS. PRICE: USED, REPARABLE \$125.00 CHECKED \$175.



HP-524B COUNTER, 6 DECADE READOUT, SIMILAR TO FR-38, USES SAME PLUG-INS AS OTHER COUNTERS, PLUG-INS LISTED BELOW. PRICES: USED, REPARABLE \$150 CHECKED \$225.00



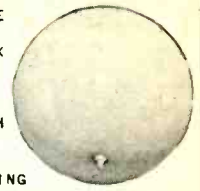
COUNTER PLUG-INS FOR DIGITAL OR NUMERICAL READOUT. HP OR EQUIVALENT TYPE WILL BE SHIP
HP-525A 10-100 MHz \$75.00
HP-525B 100-200 " \$90.00
HP-525C 100-500 " \$175.00
DISCOUNT 25%, WHEN PURCHASING ABOVE COUNTERS ALSO.



DIGITAL TEST INSTRUMENTS: VOLTMETERS, MULTIMETERS, ETC. ALL 115 VAC 60 HZ. SOLD AS "USED, COMPLETE-REPARABLE; LESS TEST LEADS."

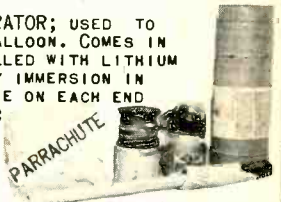
CUBIC V4F DC VOLTMETER: 0-999.9 WITH SCALERS 1, 10, 100, AND 1000VDC. SEPERATE DISPLAY AND CONTROL COMPONENTS. \$60.00
ELECTRO-INSTRUMENTS
MODEL 848 MULTIMETER: 0-999.9 WITH RATIO POSITION, SINGLE COMPONENT \$65.00
MODEL 851 MULTIMETER 0-999.9 AC AND DC VOLTS, RESISTANCE TO 1 MEG. \$135.00
MODEL 880 MULTIMETER: 0-999.9 VDC WITH RATIO, SINGLE COMPONENT \$70.00
NON-LINEAR SYSTEMS
MODEL 64 DC VOLTMETER: 0-499.9 WITH SCALERS 10, 100, 500VDC \$50.00
MODEL V64 DC VOLTMETER: 0-999.9 WITH SCALERS 10, 100, AND 1000VDC \$70.00
MODEL M24-VOM 0-999.9VDC, RESISTANCE TO ONE MEG. DISPLAY AND CONTROL UNIT \$85.00
MODEL M24-B AC DC VOLTMETER 0-999.9AC DC; DISPLAY AND 264F CONVERTER \$85.00
MODEL M-25 VOM: 0-999.9VDC AND RESISTANCE TO ONE MEGOHM. DISPLAY AND CONTROL UNIT \$90.00

M-278 BALLOON; USED TO RAISE THE ANTENNA OF THE CRT-3 RESCUE TRANSMITTER WHEN LACK OF WIND DOES NOT PERMIT THE USE OF THE M-357 KITE. THE BALLOON IS MADE OF NEOPRENE AND IS SUPPLIED IN A CAN WITH A KEY FOR OPENING. WHEN INFLATED BY MEANS OF THE HYDROGEN GENERATOR AND INFLATING TUBE, DESCRIBED BELOW, THE DIAMETER WILL BE OVER 4 FEET. HAS 2 CORD LOOPS FOR ATTACHING ANTENNA AND RUBBER CORK STOPPER. SHPG. WT: 2 LBS. PRICE: \$4.95



M-278 BALLOON WITH M-315 HYDROGEN GENERATOR AND INFLATING TUBE.....\$10.00

M-315 HYDROGEN GENERATOR; USED TO INFLATE THE M-278 BALLOON. COMES IN A STEEL CYLINDER FILLED WITH LITHIUM HYDRIDE; OPERATED BY IMMERSION IN WATER; KEY AND TONGUE ON EACH END FOR OPENING CYLINDER. REQUIRES INFLATING TUBE FOR USE WITH BALLOON. SHPG. WT: 8 LBS.



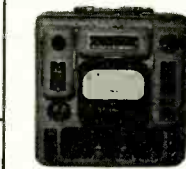
M-315 HYDROGEN GENERATOR ONLY..... \$6.95
M-315 " " INFLATING TUBE 1.50
W-147/CRT-3 ANTENNA WIRE; CADMIUM-COPPER ALLOY 16 STRANDS X .040 MAX. DIA. 65 LB. TEST 306 FT. LG. WOUND ON SPOOL 2 $\frac{1}{2}$ x2 $\frac{1}{2}$. SHPG. WT: 1 LB \$2.95
M-308 SIGNAL LAMP LIGHT ASSEMBLY; 24 VOLT LAMP IN BAKELITE BASE WITH CLEAR POLYSTYRENE SHIELD WITH WEB STRAPS FOR STRAPPING TO HEAD. SIZE 3x2 $\frac{1}{2}$ w/95" CORD FOR PLUGGING INTO TRANS. 4 OZ. \$1.50

HP-C35-130BR HIGH SENS 5" SCOPE. VERT & HORIZ SENS 1MV/CM AC/DC. SWEEP 5SEC-1USEC. REP \$200

AN/GRC-14 100WATT TRANS 2-20MHz, RLC 2-32MHz 115V 60HZ POWER SUPPLY. SH WT 600 LBS \$450.00



SG-376-A AUDIO AND RF SIGNAL GENERATOR USED TO TEST SSB RADIO EQUIPMENT AND CONSISTS OF TWO VARIABLE FREQUENCY AUDIO OSCILLATORS AND TWO DUAL FREQUENCY IF OSCILLATORS INDEPENDENT OF EACH OTHER, FREQ RANGE 20-20KHZ IN STEPS 1HZ FROM 20-100HZ 10HZ FROM 100-1000HZ, 100HZ FROM 1000 TO 10 KHZ, AND 200HZ FROM 10KHZ TO 20KHZ, ACCURACY 1% THE IF FREQUENCIES AVAILABLE ARE 497.5KHZ, 498.5KHZ, 501.5KHZ, 502.5KHZ, CRYSTAL CONTROLLED 0.01% AF OUTPUT 2 TO 2.5 VOLTS ATTENUATED UP TO 100DB, OUTPUT IMPEDANCE 600 OHM. THE AUDIO OSCILLATORS AND EITHER PAIR OF THE RF OSCILLATORS MAY BE MIXED FOR USE AT THE SAME TIME TO TEST SSB COMMUNICATIONS EQUIPMENT. CAN BE REMOVED FROM CASE FOR RACK MOUNTING. TRANSISTORS: 12/2N526, 6/2N1309, 1/2N297, 1/2N404; POWER REQUIRED 115VOLT 47.5 TO 450 WATT 15 WATTS 5 $\frac{1}{2}$ x11x19 SHGWT 35 LBS MANUAL \$7.50 USED REPARABLE \$175.00 USED CHECKED \$225.00



TS-375/U VOLTMETER FOR AC OR DC VOLTAGES. AC RANGES ARE 1.2, 3, 12, 30 AND 120 VAC WITH FIVE MEGOHM RESISTANCE SHUNTED BY FIVE MMF. DC RANGES ARE 1.2, 3, 12, 30, 120 AND 300 VDC WITH CONSTANT INPUT RESISTANCE OF 30 MEGOHMS. FREQUENCY RANGE IS FROM 40 HZ TO 50 KHZ USING THE PANEL TERMINALS AND 10 KHZ TO 150 HZ WITH THE PROBE. WITH AC AND DC PROBES. POWER REQUIRED: 115 VAC 50-1600 HZ. SIZE: 10 $\frac{1}{2}$ x10 $\frac{1}{2}$ x6 $\frac{1}{2}$ WT: 21 LBS. PRICE: USED, REPARABLE \$25.00 CHECKED \$35.00



1-95 FIELD STRENGTH METER, 100' TO 156 MHz CONTINUOUSLY TUNEABLE; ORIGINALLY DESIGNED FOR USE WITH SCR-522 EQUIPMENT. RELATIVE FIELD STRENGTH INDICATED ON A 2 $\frac{1}{2}$ " ROUND 0 TO 1.0 DC MILLIAMMETER. WITH 16 $\frac{1}{2}$ " TELESCOPING ANTENNA AND ZERO-ADJUST. MODULATION FREQ. 1000 HZ. VOLTAGES REQUIRED 45 VDC AND 1.5 VDC. SIZE: 7 $\frac{1}{2}$ x7 $\frac{1}{2}$ x8 WT: 7 LBS. PRICE: USED, \$19.95

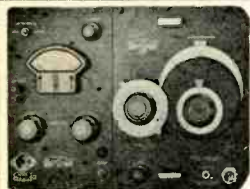
MICROWAVE GENERATOR



TS-147/UP MICROWAVE SIGNAL GENERATOR

PORTABLE UNIT DESIGNED TO TEST AND ADJUST RADAR, BEACON AND MICROWAVE COMMUNICATION SYSTEMS OPERATING IN THE FREQUENCY RANGE OF 8500 TO 9600 MC. PROVIDES EITHER FM OR CW TEST SIGNALS OF KNOWN POWER LEVEL AND FREQUENCY. THIS UNIT CONTAINS A DIRECT READING FREQUENCY METER AND POWER LEVEL METER WITH POWER REFERENCED TO ONE MILLIWATT (DBM). USED TO MEASURE FREQ. AND POWER LEVEL OF THE INPUT AND OUTPUT SIGNALS. SPECTRUM WIDTH, FREQ. CHANGE, RECOVERY TIME AND STANDING WAVE RATIO. CAN ALSO BE MODULATED EXTERNALLY. OPERATES FROM 115 VOLT 50-1600 CYCLES. LESS CABLES, PLUGS, ADAPTER, PICK-UP HORN. SIZE: 11 $\frac{1}{2}$ x18 $\frac{1}{2}$ x12 $\frac{1}{2}$; WT: 35 LBS.

TS-147A/UP.....\$49.50 USED
TS-147B/UP.....60.00 USED
TS-1470/UP.....75.00 USED



GENERAL RADIC SIGNAL GENERATOR MODEL 1021 250-920 MC

IN ONE BAND, DIRECT READING CALIBRATION 1%, OUTPUT VOLTAGE CONT. ADJ. .5 TO 1VOLT OPEN CIRCUIT. OUTPUT IMP. 50 OHMS 10%, AMPLITUDE MOD. ADJ. 0-50%, ENV. DIST. LESS THAN 5% AT 50% MOD. CARRIER NOISE LEVEL .2% MOD. STRAY FIELD LEAKAGE AND RESIDUAL OUTPUT VOLTAGE CANNOT BE DETECTED WITH A RECEIVER. 2-3 MV SENSITIVITY. POWER REQUIRED: 115/230 VOLT, 50-60CY. SIZE: 20 $\frac{1}{2}$ x14 $\frac{1}{2}$ x10 $\frac{1}{2}$; WT: 40 LBS. COND. USED PRICE: \$150.00 CHECKED FOR OPERATION \$25 EX.

ELECTRONIC MULTIMETER



TS-505/U ELECTRONIC MULTIMETER: PORTABLE VACUUM TUBE VOLTMETER AND DC OHM-METER DESIGNED TO MEASURE AC AND DC VOLTAGES AND RESISTANCE. AC METER IS PEAK INDICATING HOWEVER, IT IS CALIBRATED TO READ RMS VOLT POWER REQ. 115 V 50-1600 CYC AND TWO 1.5 V. BATT. FOR OHMMETER SECTION. FREQ. RANGE 30 CYC TO 500MC

AC RMS VOLTS RANGES 0-2/4/10/20/40/100 & 200 DC VOLTS RANGES 0-2/4/10/40/100/200/400/1000 RESISTANCE OHMS RANGES 0-1000 MEGOHMS, 7 RANGES W/AC-DC PROBES/PROBE FOR 500 MHZ NOT AVAILABLE HANDLE IS USED FOR ADJUSTABLE STAND, EASY USE. SIZE: 11 $\frac{1}{2}$ x13x13; WT: 20 LBS. PRICE: USED REPARABLE \$30.00. CHECKED \$40.00



MODEL 300 BALLANTINE VACUUM TUBE VOLTMETER. GENERAL PURPOSE TEST SET USED TO MEASURE AC VOLTAGES ALSO AS CAN BE USED AS AN AMPLIFIER AND MICROMETER WHEN PROPERLY CONNECTED FREQ. RANGE 10-1500 CYC. VOLTAGE RANGES 0.001-.01/1/1.0/10 & 100 DECIBEL SCALE 0-20, OUTPUT IMP. 0-15000 OHMS, INPUT IMP. 0.5 MEGOHMS SHUNTED BY 30 MMF. STABILITY 1% APPROX. DEPENDING ON LINE VOLTAGE.

ACC. APPROX. 2% OVER RANGE. POWER REQ. 115 V. 50/60 CYC. SIZE: 4 $\frac{1}{2}$ x5 $\frac{1}{2}$ x11; WT: 13 LBS. PRICES: USED CHECKED \$39.95, REPARABLE \$29.50 BALLANTINE 3000 " 49.95 " 39.50 ALSO AVAILABLE MODELS 310/305/220 ETC.

ATTENUATORS

MX-1309/URW-23 POWER MEASURING; KIT OF WAVEGUIDE ATTENUATORS, ADAPTER, BALOMETER, CABLE & CHART, 1000 TO 4000 MC.

ATTENUATOR CN-110/U 10 DB
" CN-111/U 20 DB(2pc)
" CN-168/U 3 DB
" CN-169/U 6 DB
RF BALOMETER DT-76/U, "N" CON

ADAPTER CONN. UG-402/U
COAXIAL CABLE CG-92B/U W/UG-21 EA. END.
METAL CARRYING CASE, FITTED, SIZE: 19x5 $\frac{1}{2}$ x14;
WT: 32 LBS. COMPLETE SET \$18.95



BC-221

FREQUENCY METER

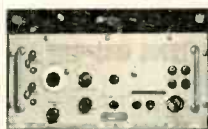


THIS IS A SIMPLE ACCURATE AND RELIABLE CRYSTAL CALIBRATED FREQUENCY INDICATING INSTRUMENT FOR USE IN THE 125 TO 20,000 KC RANGE, WITH A NORMAL OPERATING ACCURACY OF LESS THAN .02%. CAN ALSO BE USED AS A SIGNAL GENERATOR OR VARIABLE FREQ. OSCILLATOR.

OPERATING VOLTAGE REQUIRED FOR DRY CELL OPERATION 6 VDC .9 AMP. & 135 VDC 20 MA. SIZE: 10x13 $\frac{1}{2}$ x10; WT: 25LBS. UNITS MAY BE IN WOOD OR METAL CASES. VARIOUS LETTERS, COMPLETE WITH TUBES, CRYSTAL, ORIGINAL CALIBRATION BOOK. USED, REPARABLE \$60.00 PRICE: USED CHECKED FOR OPERATION \$70.00

BC-221 FREQUENCY METER LESS CALIBRATION BOOK NOT CHECKED FOR OPERATION, OTHERWISE COMPLETE PRICE: \$45.00

CALIBRATOR



TS-102B/AP CALIBRATOR RANGE CALIBRATOR PORTABLE PULSE GENERATOR WITH REPETITION FREQ. OF 400, 800, 1600, 2000, & 4000, MARKER AND SYNCHRONIZING PULSE, VARIABLE DELAY LINE PHASE ADJUSTMENT. OPERATES FROM

115 V. 50-1000 CYCLES WITH TUBES 2/6X4W, 3/6AG7, 6/5814, 2/UG273/U CONN. 4 CABLES W/UG-88B/U. SIZE: 16x10x11; WT: 28LBS. PRICE: UNUSED \$14.95

LORAN TEST SET



TS-251 LORAN TEST SET PORTABLE SIGNAL GENERATOR USED IN PRE-FLIGHT AND SHIPBOARD CHECKING OF LONG RANGE LORAN RECEIVERS. FREQUENCY RANGE 1700 TO 2010 KC PULSE SIGNAL. WITH TUBE 6J5, 6SJ7, 6CK7, 6SL7, 6X5

AND 6SN7. POWER REQ. 80/115/230 V. 50-1600CY SIZE: 7 $\frac{1}{2}$ x11 $\frac{1}{2}$ x10 $\frac{1}{2}$; WT: 30 LBS. PRICE: USED SERVICEABLE \$50.00 CHECKED \$60.

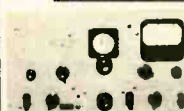
DIODE CRYSTAL CHECKER



390A-3 TEST SET CRYSTAL CHECKER FOR CERAMIC CARTRIDGE AND COAXIAL TYPES WITH NORMAL AND REVERSED POLARITIES. MINIMUM CONVERSION LOSS CAN BE PREDICTED FROM THE STATIC VOLTAGE CURRENT CURVE OF THE CRYSTAL, THEREFORE A TWO POINT DC MEASUREMENT OF VOLTAGES IS MADE OF THE CRYSTAL UNDER TEST AND THE RESULTANT DIFFERENCE IN CURRENT CALIBRATED IN MINIMUM AVAIL. CONVERSION LOSS. IN THE CALIBRATE POS. AND VARYING CONTROL ESTABLISHES THE

VOLTAGE CURRENT CURVE, IN THE TEST POS. SHOWS THE INDICATED CURRENT ON THE CALIBRATED METER AS A FUNCTION OF THE MINIMUM AVAIL. CONVERSION LOSS. POWER SUPPLY ONE 1.5 VOLT BATTERY. SIZE: 8x8x5 $\frac{1}{2}$; WT: 5 LBS. PRICE: USED \$9.95

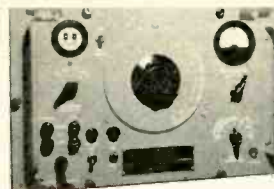
DISTORTION ANALYZER



HEWLETT-PACKARD DISTORTION ANALYZER MODEL 330BR. WILL GIVE QUICK ACCURATE MEASUREMENTS OF DISTORTION AS LOW AS 0.1% AT ANY FREQ FROM 20 CPS TO 20,000 CPS

IT WILL MAKE NOISE MEASUREMENTS OF VOLTAGES AS SMALL AS 100 MICROVOLTS. THE ANALYZER HAS HIGH SENSITIVITY AND HIGH STABILITY. ITS CIRCUIT 20 DB AMPLIFIER, OSCILLOSCOPE TERMINALS, AND PRECISION VACUUM TUBE VOLTMETER WHICH IS USEABLE SEPARATELY. EXCEPTIONALLY USEFUL FOR ALL KINDS OF AUDIO MEASUREMENTS IN RECORDING, BROADCAST, MOTION PICTURE, LABORATORY ETC. SIZE: 8 $\frac{1}{2}$ x19 $\frac{1}{2}$ x13 $\frac{1}{2}$ (PACKMTG) WT: SHPG. 40 LBS. PRICES: USED REPARABLE \$225 CHECKED \$275

TS-382 AUDIO OSCILLATOR



TS-382 AUDIO OSCILLATOR FREQUENCY RANGE 20 TO 200,000 CPS IN FOUR BANDS, OUTPUT IMP. 1000 OHMS, AMPLITUDES CONTINUOUSLY VARIABLE 0-10 VOLTS, FREQ. RESPONSE 20 CPS. TO 150,000 CPS. APPROX. \pm 1 DB, FREQ. ACCURACY \pm 6%, STABILITY \pm 2%, HUM 60 DB BELOW RATED OUTPUT, ATTENUATOR ACCURACY 3% EXCEPT 10 MICRO. V. \pm 2 OR -3 MICROVOLTS.

POWER INPUT 115 V. 50-1600 CYC. OUTPUT 100 MW. WITH NINE TUBES, CALIBRATED TUNING DIAL, FREQ. RANGE SWITCH, OUTPUT LEVEL CONT. OUTPUT LEVEL ATTENUATOR, SIGNAL INPUT AND OUTPUT JACK, OUTPUT LEVEL METER, VIBRATING REED-TYPE METER USED AS AN ACCURATE CHECK OF THE OSC. CALIBRATION SIZE: 18 $\frac{1}{2}$ x10x12 $\frac{1}{2}$; WT: SHPG. 75 LBS. PRICE: USED, REPARABLE \$60.00 CHECKED \$75.00



TS-323/UR FREQUENCY METER AND CRYSTAL CALIBRATOR, 20 TO 480 MC. PORTABLE SELF-CONTAINED CRYSTAL CONTROLLED HETERODYNE TYPE USED FOR TESTING CW, MCW AND PULSED SIGNALS. FUNDAMENTAL FREQ. RANGE 20 TO 40 MC. ACCURACY .005%, AUDIO 20 MW AT CHECK PTS. RADIO FREQ. OUTPUT 50-1000 MV. SENSITIVITY 50M MV SIG. GIVES AUDIO BEAT NOTE OUTPUT OF 10 MW. RANGE

2500 TO 500 MV. POWER REQUIRED 2 DRY BATTERIE BA-203 (6 VDC) AND 3 BA-59 (45 VDC). SIZE: 15x12x10 WT: 35 LBS. PRICE: USED REPARABLE \$50.00 CHECKED \$65.00 115 VOLT 60 CYCLE POWER SUPPLY \$24.95



LM-21 FREQUENCY METER WITH AC POWER SUPPLY; CRYSTAL CALIBRATED UNIT COVERS 125 TO 20,000 KHZ IN TWO BANDS.

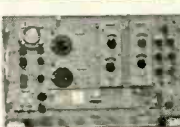
DESIGN ACCURACY BETTER THAN .02%. AM MODULATION 40% AT 500 HZ. OUTPUT VOLTAGE 250 U-VOLTS MIN. OUTPUT IMPEDANCE 600 OHMS. WITH CALIBRATION BOOK. POWER REQUIRED: 115 VAC 60 HZ.

FREQUENCY METER SIZE: 8 $\frac{1}{2}$ x8x8 $\frac{1}{2}$; WT: 14 LBS. POWER SUPPLY SIZE: 8 $\frac{1}{2}$ x8x8 $\frac{1}{2}$; WT: 15 LBS. PRICES: USED CHECKED \$54.50 REPARABLE \$44.50 POWER INPUT CONN. F/LM-21 EACH 2.00 POWER SUPPLY " 2 REQUIRED " 2.00 SHOCKMOUNT \$2.50 MANUAL " 7.50

IM-120/UPM STANDING WAVE RATIO METER DESIGNED TO BE PLACED OVER 1 $\frac{1}{2}$ " WAVE GUIDE TO DETERMINE THE STANDING WAVE RATIO OF THE WAVEGUIDE TO THE ANTENNA SYSTEM. USED WITH DIRECTIONAL COUPLER CU-245/U BUT CAN BE ADAPTED TO OTHER SYSTEMS. UNIT HAS 6/1N25 CRYSTAL DIODES AND 3 $\frac{1}{2}$ " METER FOR INDICATION. ALSO INSTRUCTION MANUAL. THE CARRYING CASE IS ALUMINUM SEALED, WATERPROOF AND IS OPTIONAL. CASE SIZE 9x7x5 $\frac{1}{2}$; WT: 10 LBS. NEW PRICE: LESS CASE \$11.50 WITH CASE \$14.95

WAVEMETER SCOPE OSCILLATOR

AN/UPM-1 WAVEMETER-OSCILLATOR SCOPE RADAR TEST UNIT FOR 155-235MC AND 460-570MC CONTAINS PULSE AND SWEEP GENERATOR VIDEO AMP. 3" OSCILLOSCOPE, TWO WAVEMETER TWO OSCILLATORS. POWER REQUIREMENTS: 80, 115 OR 230 VOLTS AC. 60-1000 CYCLES. SIZE: 30x21x24 WT: 150 LBS.



USED \$39.50
DIFOLE ANTENNA FOR AN/UPM-1 USED \$9.95

FREQUENCY POWER METER



FREQUENCY POWER METER ME-51/UP FREQUENCY COUNTER 1100-3999. CALIBRATED TO FREQUENCY 3100 MC TO 3500 MC. HAS 0-1.5 MA; 0-25MW METER. WITH CABLES, IN METAL CARRYING CASE. SIZE: 8 $\frac{1}{2}$ x9 $\frac{1}{2}$ x9 $\frac{1}{2}$; WT: 18 LBS. USED \$15.00

FR-4/U FREQUENCY METER

100 KHZ TO 20 MHZ IN SEVEN BANDS; PORTABLE GENERAL PURPOSE, HETERODYNE TYPE UNIT USED TO MEASURE AND CALIBRATE RECEIVERS AND TRANSMITTERS. A BLINKER LIGHT IS USED FOR MAKING ACCURATE ZERO-BEAT SETTINGS. CW RECEPTION. OSCILLATOR FREQUENCIES: 100 TO 250 KHZ (PROXY), 1250 KHZ (CRYSTAL), 10 KHZ (BLOCKING) AND 15 TO 20 KHZ (INTERPOLATION). WITH BUILT-IN OSCILLOSCOPE FOR INTERPOLATION. AUDIO POWER OUTPUT 2 MW MIN. ACROSS 600 OHMS. STABILITY .0001%, ACCURACY .001%. 115/230 V AC 50 TO 1000 HZ. SIZE: 15x19x18 WT: 100 LBS. PRICE: USED, REPARABLE \$65.00 CHECKED \$85.00



TUNED CAVITY

TS-545/UP TUNED CAVITY, DESIGNED TO INDICATE RELATIVE POWER, OUTPUT, FREQUENCY, RESONANCE, AND GENERAL EFFECTIVENESS OF A RADAR SYSTEM; RECEIVES AND TRANSMIT FROM 1150 TO 1350 MHZ PULSED. RESONANCE INDICATED BY NEEDLE DEFLECTION OF 3" ROUND 0 TO 100 DC MICROAMMETER FREQUENCY READ FROM VERNIER-TYPE DIAL. DECAY: 3.5 DB/U-SEC; SENSITIVITY: 1 DB POWER LOSS FOR 50 YARDS RING-TIME. POWER REQUIRED: NONE. SIZE: 11x8x9 SHPG. WT: 40 LBS. PRICE: USED, \$49.50
TS-270 SIMILAR TO ABOVE 2630-2970 MHZ \$39.95



AN/URM-32 FREQUENCY METER: 125 KC TO 1000 MC IN THREE RANGES, CAN ALSO BE USED AS A SIGNAL GENERATOR WHICH PROVIDES A CHOICE OF MODULATED OR UNMODULATED SIGNALS FOR TESTING AND CALIBRATING RADIO EQUIPMENT. SENSITIVITY WITH AN RF OUTPUT OF .05 MW MINIMUM IS OBTAINED. ACCURACY .01%, RF 100 UV MINIMUM ACROSS EXTERNAL 50 OHM RESISTIVE LOAD. FIVE TUBE HETERODYNE TYPE, POWER REQ. 6 VDC 1 AMP. 180 VDC 25 MA., DRY BATTERY OR AC SUPPLY CAN BE USED. METER IS USED TO READ P.S. VOLTAGES. W/CALIBRATION BOOK SIZE: 13x12x13 WT: 29 LBS.

PRICE USED REPARABLE \$69.95 CHECKED \$95.00
 PP-1243 POWER SUPPLY F/URM-32 \$24.95

FACSIMILE COMPONENTS

TELETRONIC CV-472 FACSIMILE RECEIVING CONVERTER-DIVERSITY COMBINER CONSISTS OF TWO UNITS A AND B. (UNIT B PICTURED.) TOGETHER A AND B PERFORM THE ELECTRONIC INTERPOLATION OF AM SIGNALS FOR A FACSIMILE PRINTER SYSTEM. OSCILLATOR FREQ. UNIT A: 1800-2400 HZ. TUNING FREQ. UNIT B: 1500-2300 HZ. BANDWIDTH: 900 HZ. @ 3 DB; SIDEBAND RESPONSE: 2500 HZ. @ 6 DB. METERED CONTROL FOR TWO INPUTS (A) AND FOR AM OUTPUT (B). FIVE-STEP CONTRAST CONTROL; NORMAL-REVERSE AND NORMAL-DEEMPHASIS MODES; PLATE AND FILAMENT VOLTAGE SWITCHES. B SUPPLIES VOLTAGES FOR A. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 7x19x16 (A AND B EA.) SHPG. WT: 100 LBS. WITH CABLES & SCHEMATIC. PRICE: CV-472 COMPLETE-UNUSED, \$75.00



TV-7/U ELECTRON TUBE TESTER, DYNAMIC MUTUAL CONDUCTANCE TYPE USED TO TEST AND MEASURE THE PERFORMANCE CAPABILITIES & TO DETERMINE THE REJECT LIMITS FOR TUBES USED IN RECEIVERS, LOW POWER TRANS. AND OTHER TYPES OF ELECTRONIC EQUIPMENT. TESTS ARE MADE FOR DYNAMIC MUTUAL CONDUCTANCE, EMISSIONS, SHORTS, GAS, NOISE, CONT. PILOT LITES ETC. TEST SOCKETS ARE FOR LOCTAL, OCTAL, 4,5,6,7 PIN, NORVAL 9,7 PIN MINIATURE, SUB-MIN. RD. FLAT, ACORN ETC. ADAPTERS FOR OTHER TYPES ARE LISTED BELOW. POWER REQ. 115 V 50 TO 1000 CYC. TUBE DATA CHART ALSO 7 & 9 PIN TUBE PIN STRAIGHTENERS. SIZE 6x8x15 WT. 20 LBS. PRICES: USED REPARABLE \$29.95 CHECKED \$39.95 ADAPTERS F/2C39 \$5, 829/832 \$5. MIN LG LD \$5 WATER-DAMAGED UNITS: LESS TUBES, LAMPS, LEADS ETC. FOR PARTS ONLY. W/GOOD TRANSFORMER \$10

TS-148 SPECTRUM ANALYZER



TS-148/UP SPECTRUM ANALYZER; 8470 TO 9630 MHZ. PROVIDES VISUAL INDICATION OF RF OSCILLATOR SPECTRA. MAY ALSO BE USED TO MEASURE FREQUENCIES OF RESONANT CAVITIES, ECHO BOXES, MAGNETRONS AND LOCAL OSCILLATORS IN FREQ. RANGE. RECEIVES CW AND PULSED; TRANSMITS CW AND FM CARRIER WAVE. CONTINUOUSLY VARIABLE SWEEP FREQ. FROM 10 TO 30 CYCLES. MAX. SPECTRA DISPERSION 1.5 MHZ PER INCH. SENSITIVITY TO CW (SPECTRUM AMPLIFIED POSITION) -80 DB BELOW 1 WATT/IN. DEFLECTION; SENSITIVITY TO CW (SPECTRUM POS.) 55 DB BELOW 1 WATT/IN. DEFLECTION. ONE MILLIWATT POWER OUTPUT. WITH FREQ. METER, FREQ.-SWEEP RF OSCILLATOR, CRYSTAL MIXER, NARROW BAND I-F WITH TUBES 2K25, 2X2, 3RP1, 5R4, 6AC7, 6SA7, 6Y6, 3/6SJ7, 3/6SN7, 884 & 4/991. Pow. REQ. 115V 60C. SIZE: 19x13x25 WT: 45 LBS. PRICE: TS-148/UP USED \$39.50

AN/USN-33 COMPLETE SPECTRUM ANALYZER CONSISTING OF TS-148/UP DESCRIBED ABOVE PLUS ACCESSORY WAVEGUIDES, CABLE TRANSIT CASE AND MANUAL. USED \$70.00

SWEEP GENERATOR



AN/TRM-3 SWEEP GENERATOR PROVIDES CW, AM, OR FM SIGNALS HAVING BAND WIDTHS FROM 600 KHZ TO 160 MHZ AT CENTER FREQUENCIES IN THE RANGE 15 TO 400 MHZ. USED TO TEST, CALIBRATE AND ALIGN RF TUNED CIRCUITS. RF OUTPUT 0.1 VOLT TO .1 VOLT INTO 50 OHMS. FREQ. MARKER SPACINGS 0.2, 1.5, 20MHZ, FM SWEEP DEVIATION -2% TO -20% OF CENTER FREQUENCY, STEP TYPE VERTICAL ATTENUATOR 0 TO 60 DB IN SEVEN RANGES. POWER REQUIRED 103 TO 126 VOLTS 50-1000 HZ. SIZE 17x17x13 SHPG WT: 120 LBS. USED REPARABLE \$300.00 USED CHECKED \$375.00

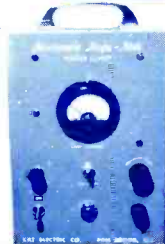
ACCESSORIES FOR AN/TRM-3
 DA-138 50 OHM DUMMY LOAD \$7.50
 MX-1983 91 OHM TO 50 OHM IMPEDANCE MATCHING NETWORK \$7.50
 MX-1981 DETECTOR PROBE \$10.00
 MX-1982 DC BLOCKING TEST ADAPTER \$5.00
 CN-374 10db 50 OHM ATTENUATOR \$7.50
 CU-506 RF COUPLER DETECTOR \$10.00

400 TO 1000 MHZ



TS-418/U SIGNAL GENERATOR, 400 TO 1000 MHZ IN ONE BAND. GENERATES AM, CW OR PULSED CARRIER. OUTPUT VOLTAGE 0.2 TO 200,000 U-VOLTS INTO 50 OHMS. INTERNAL AND EXTERNAL MODULATION 40 TO 4000 HZ. EXTERNAL MOD. PEAK PULSE AMPLITUDE 40 TO 70 VOLTS; PULSE WIDTH 0.5 TO 20 U-SEC; POSITIVE OR NEGATIVE PULSE OR SINE WAVE SYNCH. INPUT IMPEDANCE: 10,000 OHMS SHUNTED BY 115 UUF; OUTPUT IMPED.: 50 OHMS. POWER REQUIRED: 115 VAC 50 TO 1600 HZ. SIZE: 12x17x13 SHPG. WT: 80 LBS. PRICE: USED, REPARABLE \$95.00 USED, CHECKED \$120.00

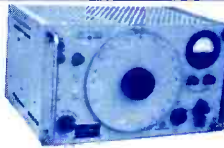
NOISE GENERATOR



RG-52 MICROWAVE MEGAWATT NOISE GENERATOR WITH POWER SUPPLY. USED FOR THE MEASUREMENT OF NOISE FIGURE OR RECEIVER GAIN AND FOR THE CALIBRATION OF STANDARD SIGNAL SOURCES. FLUORESCENT GAS TUBE GIVES 8200 MHZ TO 12400 MHZ FREQUENCY RANGE. HAS THERMOMETER ATTACHED TO AID IN ADJUSTING THE WAVEGUIDE. THE NOISE POWER OUTPUT IS 15.8 DB. WITH AN MOUNTING FLANGE UG-39/U. POWER SUPPLY INPUT 115V. 50-60 HZ. WAVEGUIDE SIZE: 16x5x1 WT: 2 1/2 LBS. POWER SUPPLY SIZE: 11x7x7 WT: 15 LBS. PRICE: WAVEGUIDE W/POWER SUPPLY, UNUSED \$25.

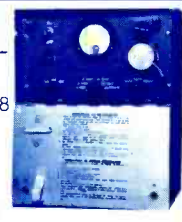


BC-906 FREQUENCY METER ABSORPTION TYPE, FOR USE IN THE 160-220 MHZ. RANGE. USED TO DETERMINE THE FREQ. OF CW, MCW., PULSED AND LOCAL OSCILLATORS. ALSO USED TO CALIBRATE CHECK SENSITIVITY AND ALIGN REC. IN THE FREQ. RANGE. RESONANCE IS INDICATED BY A DIP OF THE 2 1/2" 500 MICROAMMETER READING AND THE VERNIER DIAL SETTING & ASSOCIATED CHARTS IN COVER. BATTERIES REQ. 45VDC & 1.5V. SIZE: 6x9x12 1/2; 15 LBS. USED REPARABLE \$18.95



SG-71/FCC CARRIER TEST OSCILLATOR SIMILAR TO HEWLETT-PACKARD 233A. DESIGNED TO CHECK CARRIER CURRENT SYSTEMS; 50 HZ TO 500 KHZ IN FOUR BANDS. HIGH POWER OUTPUT: 3 WATTS INTO 600 OHMS BALANCED LOAD. MAKES TESTS OVER LOOPS 100 TO 200 MILES LONG. SECOND OUTPUT OF 6 VOLTS INTO 600 OHMS AVAILABLE FOR AUDIO TESTS. WITH 0-50 DC VOLTMETER FOR OUTPUT; PROVISION FOR CARRIER MODULATION. POWER REQUIRED: 115/230 VAC 50-1000 HZ; SIZE: 17x11x15 WT: 45 LBS. PRICE: USED REPARABLE \$65.00, CHECKED \$85.00

TS-170/ARN-5 TEST OSCILLATOR USED FOR PRE-FLIGHT CHECKING OF GLIDE PATH RECEIVERS SENSITIVITY AND AUDIO CHANNELS. CRYSTAL CONTROLLED ON THREE PRESELECTED FREQ. 332.6, 333.8, 335 MC. MODULATION FREQ. 90 & 150 CYC. METER IS 2" 0-1 DC MILLIAMETER. BATTERIES REQUIRED 2/1.5 VDC AND 2/45 VDC. WT: 29 LBS. SIZE: 12x16x12; USED \$29.50



KLYSTRON POWER SUPPLY



GENERAL MICROWAVE MODEL 303 KLYSTRON POWER SUPPLY; BEAM VOLTAGE VARIABLE FROM -250 TO -400 VOLTS AT 30 TO 50 MA. MAXIMUM. REFLECTOR VOLTAGE VARIABLE FROM 0 TO -900 VOLTS @ 10 UA. REFLECTOR VOLTAGE INTERNALLY MODULATED AT 1000 HZ SQUARE WAVES ADJUSTABLE UP TO 110 VOLTS PEAK TO PEAK. EXTERNAL MODULATION VIA FRONT PANEL TERMINAL, 100,000 OHM IMPEDANCE. SINUSOIDAL POWERLINE FREQUENCY, VARIABLE FROM 0 TO 350 VOLTS PEAK TO PEAK. POWER REQUIRED: 115 VAC 50/60 HZ. SIZE: 11x13x7 1/2 SHPG. WT: 25 LBS. WITH MANUAL (NO SCHEMATIC). PRICE: UNUSED \$45.00

SPECTRUM ANALYZER



TS-723-C SPECTRUM ANALYZER USED TO MEASURE HARMONIC DISTORTION AND NOISE LEVEL IN AUDIO AMPLIFIERS. MEASUREMENTS ARE MADE IN PERCENTAGE OR DECIBELS AND NOISE IS MEASURED IN RMS OR DB VALUES REFERRED TO 1 MW ACROSS 600 OHMS (DBM). THE SPECTRUM ANALYZER CAN ALSO BE USED AS AN AC VACUUM TUBE VOLTMETER FREQ 20-20KHZ, DISTORTION LEVELS AS LOW AS 0.3% FULL SCALE. INPUT IMPEDANCE 200,00 OHMS 40 MMF SHUNT. METER RANGES: 0.03 0.1, 0.3, 10, 30, 100, 300 RMS VOLTS DB -30, -20, -10, 0, +10, +20, +30, +40, AND +50 VTVM FREQ RANGE 10 TO 100KHZ, VTVM INPUT IMPEDANCE 1 MEGOHM POWER REQUIRED 115/230 VOLTS 50-1000 HZ. TUBES 6H6, 3/6AC7, 2/6J5, 003, 4/6SJ7, 5Y3, 6Y6, 19" RACK MOUNT 10x12" SHPG WT: 50 LBS. USED REPARABLE \$200.00 USED CHECKED \$250.00

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FISHTANK OF ELECTRONIC COMPONENTS, P/O VIDEO TAPE SYSTEM. CONSISTS OF DEMODULATOR, SERVO-AMP, DROPOUT COMPENSATOR, PER/POST PROCESSOR DC POWER SUPPLY (115 V 60 HZ; OUTPUT -12/-12 1AMP REG, 5 VDC 1 AMP UNREG. MANY PARTS, IC'S, FET, TRANSISTORS, TRANSFORMER VARIABLE RESISTORS, CAPACITOR MORE! SIZE 14x12x6 1/2 WT 15 \$19.95

GRAB BOX ASSORTMENT OF NEW & USED, USEABLE ELECTRONIC ITEMS, ETC. PARTS, ASSEMBLIES, RESISTORS, CAPACITORS, MOTORS, CHOKES, COILS TRANSFORMERS, CONTROL BOXES, CIRCUITBOARDS MISC. PACKED IN CARTON AND THE WEIGHT WILL BE AT LEAST 50 POUNDS. A GOOD FILLER WHEN YOU ARE BUYING OTHER ITEMS AND DO NOT HAVE ENOUGH WEIGHT TO MAKE THE MINIMUM MOTOR FREIGHT CHARGE OF 150 LBS. GRAB BOX 76 50 LBS \$6.00, 100# \$10.

COPY LENS

EDNALITE COPY LENS WITH 8" FOCAL LENGTH, F5.6 APERTURE. COATED LENS HAS FOUR ELEMENTS. MAGNIFIES APPROX. 3X. USE FOR OPTICAL EXPERIMENTS GADGETS ETC. MADE IN U. S. A.. SH WT 1 LB. EDNALITE #245 UNUS \$3.95

TIMER BONANZA

TIMER CONTROL, CARTRIVISION COMPONENT, TIMER MOTOR 115V 60 HZ W/SPDT CONTACTS, UP TO 8 HOUR DELAY. 18V 200MA TRANSFORMER, RELAY SPST 12V SLIDE SWITCHES SPDT, 4PDT CENTER OFF, SPST MICRO SWITCH RECTIFIER, CAP, TRANSISTOR, MORE! \$2.95

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1 NEW MOTOROLA MRTL DIP IC'S. MC 723,724 725,789,799,792 MIXED 9/ \$2.00	17 CONTROL BOX; W/SWITCHES 1EA. DPDT, OPST, SPST ALSO 3 PILOT LITES W/BULBS \$1.00	33 VINYL COVER FOR TYPEWRITER, FITS BASE 18X18 MAX HEIGHT 8 INCHES \$1.00 EA
OPCOA LED .33IN. SLA-1 0-9 W/DECIMAL OR SLA-2 PLUS, MINUS, ONE. CHOICE 6/ \$5.00	2 FELT FOOT MOUNTING; 3/4" DIA. FT. MTG. STUD 1" LG. 8/32 THREAD 12 FOR \$1.00	34 CKT BRD 38 FUSES(8A), 28 1N1487, 23 RES SOME WIREWOUND. 3 TANT CAP. 2/\$3.00
3 TRIPLET AC ADAPTER 5.8VDC 310MA WHEN USED WITH EXTERNAL CAPACITOR(NA) 3/\$5.00	19 FELT FOOT MOUNTING; DIAMOND SHAPE ROUND ED CORNERS, 1 1/2 x 1 1/2, 8/32 HOLE 12 FOR \$1.00	35 PANEL L, 3 TRANS, 1 SMALL HEATSINK, 9 RES 1/2-10W, PHENOLIC BRD, ANGLE BKTS 2/\$1.00
4 PRINTED CIRCUIT BOARDS W/I.C., DIODES TRANSISTORS, CAPS., SM. PTS. ETC. 1 LB \$5	20 CORD EXT. 7 COND. 15 FT. MATCHING MALE & FEMALE EA. END. \$3.	36 PANEL J, 9 TRANS, 19 RES 1/2-10W. 3 SMALL HEATSINKS, PHENOLIC W/ANGLES \$1.00
5 TRANSISTOR CIRCUIT BOARDS W/TRANSISTORS DIODES, RES., CAP., SM. PTS. ETC 4 LB \$5	21 CORD; 5 COND. 20' LG. 5 PRONG PL. ONE END (MIGHT BE FOR B&H SLIDE PROJECTOR) \$1.	37 PANEL D, 3 TRANS, 8 DIODES, 6 RES 1/2-2/\$1 10WATT. PHENOLIC BRD, ANGLE BRACKETS
6 CIRCUIT BOARDS, WIRED TYPE, W/LG. LEADS, RES., CAPS., POTS., SOC., ETC. 20 LBS \$5	22 COILED CORD 2 CONDUCTOR; 50" RETRACTED 10' EXTENDED, NO PLUGS \$2.00	38 M-210 SIGNAL CORPS TRIPPLICATE MESSAGE BOOK WITH CARBON. 3/\$1.00
7 SOLDER, ROSIN-FILLED 63/37 ALLOY .050 DIA. 3 OZ. \$1.00	23 CABLE; 4 COND. FLAT WITH SWITCH AS USED ON ELECT. BLANKET, 25' LG. \$3.00	39 90 SWIVEL BASE, 5x5, AS USED ON TV ETC. REMOVE STOP FOR 360 ROTATION 3/\$2.00
8 MINI-BOX; 2 PC. 6x4x3, W/HOLES FOR SLIDE SW, 2/5-16, 1/2, 3/3-16 & 7/7-8 HOLES \$1.00	24 CORD; 2 PHONE PL. 3 COND. COM. HOLDER 1" CNT. 15' CABLE, 4 COND. 1PR. SHIELD. \$2.	40 TIMER MOTOR 115 V 50 HZ 3/4 RPM 2/\$1.00
9 NEC-TRANS CHASSIS; SOLID STATE FOR USE IN BROADCAST BAND, 2 1/2 x 6 x 1, NO/CASE \$2.00	25 LINE CORD; WITH RETRACTABLE GND. PRONG, 7' LG. RUBBER COVER. (GOV'T SURPLUS) \$1.	41 COUNTER, INPUT 600:1 USES WORM GEARS, 6 DISKS. 4 WITH NUMBERS, 2/1.00
10 SENTRY ALARM; BUZZES WHEN PIN IS PULLED SIZE 2 1/2 x 3 x 1 1/2, REQ. 9 VOLT BATT. \$1.00	26 CORD; RETRACTABLE GND. AC PLUG ON END, HEAVY DUTY COILED 18" LG. 3 COND. \$2.	42 ID-98/APN, USES LAMP TO INDICATE RF FIELD INTENSITY. 5" ELEMENTS, \$1.00
11 CLEAR PLASTIC 1/4" PLASTIC TAPE REEL 7" 2 FOR \$1.00	27 LINE CORD; STANDARD, MOULDED PLUG, 6' TINNED ENDS, 2 COND. # 18 3 FOR \$1.00	43 SIX INCH FLEXIBLE GOOSENECK WITH LAMP HOLDER AND 28V LAMP. \$1.00
12 PLASTIC MITTENS 12 PAIR \$1.00	28 PHONE PLUG 3 CONDUCTOR, ON 24" COILED CORD RETRACTED, 48" STRETCHED. \$1.00	44 PM SPEAKER REM T-39/SCR-511. 2 1/2" DIA 1 1/2" D. 3 OHMS DC RES. \$1.00
13 TOGGLE SWITCHES; SPST, CUT-OFFS 5/\$1.00	29 NON-SKID RUBBER TURNTABLE MATS, 11 1/2" DIA. 1 1/2" CENTER HOLE. 2 FOR \$1.00	45 TEN FEET #8 STRANDED COPPER CABLE, RUGGED INSULATION. SH WT 2 LBS 2/ \$3.00
14 PUSH SWITCHES; SPST, NORM/OPEN 5/\$1.	30 MIXED HARDWARE, SCREWS, NUTS WASHERS ETC. REMOVED FROM EQUIP. ALL USEABLE 5LBS \$1	46 RELAY ASST: AC, DC, 6, 12, 24, 48 VOLT, OPEN, SEALED, PLATE RELAYS ETC. 5/\$1.00
15 PUSH SWITCHES; SPST, NORM/CLOSED 5/\$1.	31 HORSESHOE MAGNET, 2 3/8 x 2 1/2 2/\$1.00	47 METAL STAND, BASE 8x11 LEGS EXTEND OUT & DOWN FROM BASE 16x13x2 1/2 H. 5LB 2/\$1.00
16 SLIDE SWITCHES; 2PST & 1PDT 5/\$1.	32 APPLIANCE SWITCH SP2P, SPST W/OFF. 20AMP MAX TOTAL CURRENT, 120/230V 60HZ \$1.00	48 GP-16, 24" STEEL GUY & GROUND STAKE WITH SCREW TERMINAL. APPROX 3/4" DIA 2/\$1.00



CATALOG
WS-74

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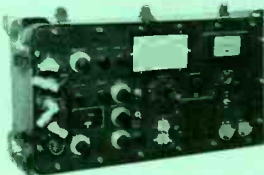
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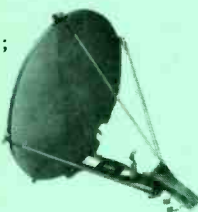
RELAY RADIO SET



RT-252/TRC-27 MICRO-WAVE RECEIVER-TRANSMITTER, 4400 TO 5000 MHZ PULSE-POSITION MODULATED, CONTINUOUSLY TUNABLE. USED IN TELEPHONE TRANSMISSION, THE RT-252 CONVERTS VIDEO CHANNEL PULSES

INTO RF FOR TRANSMISSION AND RECEIVES RF AND CONVERTS IT BACK INTO VIDEO CHANNEL PULSE SIGNAL. DESIGNED EFFECTIVE RANGE: SIXTY MILES LINE-OF-SIGHT WITH A 12 DB FADE MARGIN. THE RECEIVER SECTION HAS AN IF OF 60 MHZ AND A BANDWIDTH OF 10 MHZ; NOISE FIGURE IS 13 DB. ALSO FEATURES AUTOMATIC GAIN AND AUTOMATIC FREQUENCY CONTROL. THE TRANSMITTER SECTION UTILIZES VIDEO AMPLIFICATION AND THE PLATE MODULATION OF A PLANAR TRIODE TYPE RF OSCILLATOR. POWER OUTPUT IS 3 WATTS. WITH TUBES 2K22 KLYSTRON, 6280 PLANAR TRIODE, 13/5654, 5670, 5726, 5727, 5814, 2/12AT7, 2/6X4, 6AU6WA, 3/0A2VA, 5933, AND 2/6005. POWER REQUIRED: 115 VAC 400 HZ. SIZE: 14 $\frac{1}{2}$ x25 $\frac{1}{2}$ x11 $\frac{1}{2}$ SHPG. WT: 75 LBS. PRICE: USED, COMPLETE, \$150.00

OA-1378/GRC ANTENNA GROUP CONSISTING OF AS-682 ANTENNA AND 20' MAST AB-941; USED WITH THE RT-252/TRC-27 RECEIVER-TRANSMITTER AND ASSOCIATED EQUIPMENT. THE ANTENNA UTILIZES A PARABOLOID REFLECTOR WITH A DOUBLEXING HORN AND IS CAPABLE OF SIMULTANEOUS TRANSMISSION AND RECEPTION. THE REFLECTOR IS SECTIONALIZED ALUMINUM SCREENING IMPREGNATED WITH FIBERGLASS. AZIMUTH AND ELEVATION POSITION POSSIBLE BY GEAR ADJUSTMENT. THE MAST IS ALSO ALUMINUM AND IS SECTIONALIZED FOR GREATER CARRYING EASE. INCLUDED ALSO IS CARRYING CASE AND 50' POWER CABLE. SIZE (IN CASE): 27x17x9 WT: 75 LBS. PRICE: USED, COMPLETE \$50.00



SERVO CONTROL AMPLIFIER



AN-489/TP ELECTRONIC CONTROL AMPLIFIER FOR SERVO SYSTEMS. USED TO AMPLIFY THE ERROR VOLTAGE IN SYNCHRO CONTROL SYSTEMS, AMPLIFIED ERROR VOLTAGE IS THEN USED TO CONTROL THE ASSOCIATED SERVO MOTOR. P/O RD-54 RECORDER POWER REQ. 115 v. 60 CYCLE. WITH TUBES 1/5Y3GT, 2/6V6GT, 2/6SL7GT, 1/6SN7GT. (NO COVER) SIZE: 10x11x19; WT: 25 LBS. PRICE: USED, \$14.95

MULTI-PURPOSE TEST SET



AN/TRM-1 SIGNAL GENERATOR AND POWER METER. 0.19-400 MHZ AM; DESIGN TO PROVIDE PERFORMANCE MEASUREMENTS ON RECEIVERS AND TRANSMITTERS SUCH AS PERCENT MODULATION, POWER OUTPUT, AND CARRIER LEVEL SHIFT. CONSISTS OF TWO RF OSCILLATORS; SG-32 5 RANGES, 0.19-30 MHZ, AND SG-33, 30-400 MHZ MODULATED INTERNALLY 0-60% 1000 HZ OR EXTERNALLY 200-6000 HZ. EACH HAS A NINE STEP FIXED ATTENUATOR 2.5-100000 μ v, 50 OHM IMPEDANCE. ALSO VOLT/MW METER: DCV 3, 30, 300, 600 @ 20K Ω /V. ACV: 3, 30, 300 @ 5K Ω /V. MW, 10, 100, 1000 200-6000 HZ, INPUT IMP 300 OHMS. RF WATTS 3-100 OVER RANGE 0.19-400 MHZ THROUGH THE USE OF CU-413 AND CU-220 COUPLER WHEN USED WITH APPROPRIATE DUMMY LOAD (NOT AVAILABLE). AN/TRM-1 w/CU-220, CU-413, POWER CABLE. POWER REQUIRED 115V60 HZ, SIZE 18x13x8, SHPG WT65 LBS. PRICE: USED REPARABLE \$250.00 USED CHECKED \$300.00

ACCESSORIES FOR AN/TRM-1. QUANTITY LIMITED	
MX-1652 ANTENNA SIMULATOR, REC	\$5.00
MX-2079 TEST ADAPTER 50 OHM	5.00
CN-399 FIXED ATTENUATOR 6 DB	5.00
CN-287 FIXED ATTENUATOR 12 DB	5.00
CX-3049 SPECIAL PURPOSE CABLE	5.00
CX-3884 OSCILLATOR EXTENDER CABLE	5.00

ECHO BOX

TS-172 ECHO BOX 1215-1370 MHZ, USED TO FIELD TEST RADAR SETS. CONSISTS OF A HIGH "Q" RESONATOR EXCITED BY MEANS OF LOOP THAT IS CONNECTED TO THE SET BY MEANS OF A R.F. CABLE. AN AUXILIARY LOOP IS CONNECTED TO A POWER METER WHICH SERVES AS THE TUNING INDICATOR. A SLIDE CHART IS MOUNTED ON THE FRONT IN ORDER TO DETERMINE THE RING TIME OF THE EQUIPMENT. SHIPPED IN CARRYING CASE SIZE: 19 $\frac{1}{2}$ x17 $\frac{1}{2}$ x17 $\frac{1}{2}$; WT: 75 LBS. PRICE: USED \$49.95 UNUSED \$65.00 MANUAL \$7.50



FIELD STRENGTH METER



1-95 FIELD STRENGTH METER, 100 TO 156 MHZ CONTINUOUSLY TUNABLE; ORIGINALLY DESIGNED FOR USE WITH SCR-522 EQUIPMENT. RELATIVE FIELD STRENGTH INDICATED ON A 2 $\frac{1}{2}$ " ROUND 0 TO 1.0 DC MILLIAMMETER. WITH 16 $\frac{1}{2}$ " TELESCOPING ANTENNA AND ZERO-ADJUST. MODULATION FREQ. 1000 HZ. VOLTAGES REQUIRED 45 VDC AND 1.5 VDC. SIZE: 7 $\frac{1}{2}$ x7 $\frac{1}{2}$ x8 WT: 7 LBS. PRICE: USED, \$19.95

DECADE RESISTOR BOX



ZM-16/U DECADE RESISTOR; NINE DECADES FROM 0.1 OHM THROUGH 111,111,111 OHMS, -1% ACCURACY. DECADE RANGES X0.1, X1, X10, X100, X1000, X10000, X100000, X1 MEG, AND X10 MEG. THE X0.1 DECADE SWITCH RESISTOR COMPOSITION IS MANGANIN WIRE WHILE THE REST OF THE DECADE SWITCHES' RESISTOR COMPOSITION IS METALLIC FILM-BASED. EACH SWITCH IS ELEVEN POSITION WITH 13 SILVER-PLATED CONTACTS. DC RESISTANCE OF DECADE BETWEEN .045 AND .050 OHM. POWER REQUIRED: NONE. SIZE: 3x7x7 $\frac{1}{2}$ SHPG. WT: 6 LBS. PRICE: USED, COMPLETE \$24.95

RADIAC SET



AN/PDR-27C RADIAC SET DESIGNED TO DETECT GAMMA AND BETA RADIATION OR GAMMA RADIATION ALONE. THE PRESENCE OF RADIATION IS INDICATED ON A MILLIROENTGENS PER HOUR METER WITH SCALES OF 0.5, 5, 50 AND 500 SELECTED BY A SWITCH. THE TWO MOST SENSITIVE RANGES UTILIZE A NAVY TYPE 5979/BS-1 GEIGER-MULLER TUBE IN THE PROBE WHILE THE TWO OTHER RANGES USE ONLY A NAVY TYPE 5980/BS-2 G-M TUBE. ONLY GAMMA RADIATION CAN BE MEASURED ON THE TWO LESS SENSITIVE RANGES. POWER REQUIRED: EIGHT "D" SIZE FLASHLIGHT BATTERIES (NOT INCLUDED). SIZE: 8x6x12 $\frac{1}{2}$ SHPG. WT: 15 LBS. LESS BATTERIES. PRICE: USED, COMPLETE \$29.95

MANUAL FOR AN/PDR-27C RADIAC SET	\$5.00
"D" SIZE FLASHLIGHT BATTERIES	.30 EA.

F.M. SIGNAL GENERATOR



SG-12 SIGNAL GENERATOR; CW F.M. 20 TO 100 MHZ IN 5 BANDS, 9 CRYSTAL I.F. OUTPUTS, 1.4, 2.515, 2.65, 2.88, 4.3, 4.45, 5.00, 5.35, 15.0 PLUS 2 SPARES. RF MOD. 1000 HZ INTERNAL FM, 100-20,000 HZ EXTERNAL FM. DEVIATION, INTERNAL 0-100 KHZ 3 RANGES RF MOD. CAL. 1MHZ IN 20-50 MHZ, 2 MHZ 50-100 MHZ. EXT. MOD. 8 v. SINE, IMPEDANCE 600 OHMS. R.F. SIG. OUT. .05 TO 10,000 MICRV. I.F. .5 TO 1,000,000 MIC/V. CAL. MULTIPLIES 10 GENERATOR LOAD IMP. 80 OHMS RF, 250 OHMS IF. ACCURACY .5% DIRECT READING IF. OUTPUT METER CAL. IN MICROVOLTS. POWER REQ. 115v. 50/60cy. SIZE: 12x18x12; 75 LB. REP. \$75. CHECKED \$100


ORDERING
INFORMATION
SEE PAGE 2

FAIR RADIO SALES CO., INC.

1016 EAST EUREKA STREET - P. O. BOX 1105
LIMA, OHIO 45802 - TELEPHONE (419) 223-2196

MINIMUM
ORDER
\$5.00


FAIR RADIO SALES CO., INC.




100-0-100 DC VOLT
300-0-300 DC VOLT
SCALES WITH SHUNTS
AND INSTRUCTIONS
3 1/2" GE-DO-41RAA4
NEW \$4.95



500 MICROAMP DC
MOVE. FACE MARKED
"SET TO RED LINE"
LINE LEFT CENTER
MARKED "6 V" TOP
"150 V" BOTTOM.
3 1/2" ROUND SEALED, RUGGEDIZ.
TELECTRO TM-263.
#6625-255-0121 NEW \$6.95



425 MICROAMPERES
D.C. 4x4 1/2"
SCALE, TOP 0-60
BOTTOM 0-3/15/
60 MARKED ACV
DCV AND MILLI-
AMPERES.
P/O 1-135E TEST SET, M-1
#P30033
USED \$6.95




GO - NO GO SCALE
FULL SCALE 1 MA.
3 1/2" RD. RUGGED-
IZED; MARION
MODEL HS3.
#5200 NEW \$5.95




PHASTRON
CLEAR PLASTIC
CASE 50 MICRO
AMP D.C. 0-5
SCALE 3 1/2"
#715-16-20
\$4.95 NEW



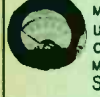
500 MICROAMPS.
D.C. RES. 300
OHM DC. 1 1/2" SQ.
1-3/8" MTG.
DEJUR MOD. 112
STK #3F3312-6.6
\$4.95




SELSYN METER
FOR CHECKING
LEAD AND LAG.
TERMINALS FOR
115 VOLT A.C.
AND FROM SEL
SYN. 4 1/2" DIA.
WESTON 543/245620 U \$6.95



MULTIMETER USED
TO TEST AIRCRAFT
CIRCUITS. FULL-
SCALE 100 UA,
1100 OHMS 10%
4x4 1/2x5 WT. 3 LBS
USAF-5200-474900
\$4.95




MICROMHOS DYNAMIC
MUTUAL CONDUCTANCE
USED IN I-177 TUBE
CHECKER BASIC 0-1.4
MA. HICKOK #M547A
STK #3F1350 \$4.95



TV-2 REPLACEMENT
METER, 0-250
SCREEN VOLTS,
FS=1 MA. 2 1/2" RD.
SEALED. NEW \$5.95

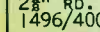
DECIBELS



-8 TO 0 TO +6 SC.
FS=3.79 VAC, 3 1/2"
RD. WESTON #A-33543
USED \$3.95




-8 TO 0 TO +6 SC.
6 MILLIWATTS, 600
OHMS, 3 1/2"
RD. WESTON 301/21
USED \$3.95

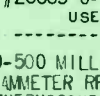


-10 TO 0 TO -6 DB,
3 1/2" RD. VARIOUS
MFG. #6625-157-
7802
NEW \$4.95


POWER SET +6 TO 0 TO -3
2 1/2" RD. FS=200 UA, WAELINE
1496/400 RUGG/SEAL U \$3.95



WARNING TYPE
RED KNOB IN FRT.
CONTROLS RED
POINTER WHICH
MAY BE SET ANY
WHERE ON THE DIAL. IF THE
CURRENT FALLS TO THIS POINT
IT CLOSSES A CONTACT THAT
CAN ACTUATE THE WARNING DE-
VICE SUCH AS RELAY, BELL ETC
PLASTIC CASE 2 1/2" FACE. N.M.
#23665 0-100 DC/MICROAMPS.
USED \$8.95



0-500 MILLI-
AMMETER RF w/
THERMOCOUPLE.
3 1/2" RD. METER
IN 4 1/2x4 1/2x3 1/2"
WOOD BOX.
BOX HAS 1" FLANGES FOR SUR-
FACE MOUNTING. WITH SO-239
TYPE CONNECTOR. ORIGINALLY
USED WITH A-68-A ANTENNAS
AND SCR-274 RADIO EQUIPMENT
WT: 3 LBS. UNUSED \$7.95




ROENTGENS
PER HOUR METER
50 MICROAMPERE
D.C. FULL SCALE
3 1/2" RUGGEDIZED
REMOVABLE
PLASTIC LENSE,
BLACK FACE.
TOP SCALE 0-500, LOWER 0-10
#300-10764 UNUSED \$3.95



BALLENTINE
V.T.V.M.
METER
ONLY
AC VOLTS
1-10
DECIBELS
0-20
WESTON 643
4 1/2" OR EQ.
MFG. PT. NO. 205007 NEW
STK #6625-557-0899 \$8.95



OUTPUT METER
FOR TS-497B AND
TS-497C SIGNAL
GENERATORS.
300-0-300 DC
MICROAMPS. 3 1/2" RD.
MARION HS3, #5705 NEW \$7.95

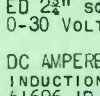


EDGE-WISE METER
0-100 D.C. MA.
FULL SCALE 20 MA
2 1/2x3 1/2x3/4 FACE
INTERNATIONAL 1135ULB \$5.95



MATCHED METERS CHROME PLAT
ED 2 1/2" SQUARE, 2" HOLE MTG.
0-30 VOLTS DC #1046A-12
\$1.95
DC AMPERES 400-0-400 SCALE
INDUCTION TYPE MOVEMENT.
#1696-1B \$1.95

A.C. AMPERES

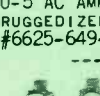


GE AC AMMETER 0-
125 SCALE 0-1 A
400 CYCLE MOVE. 2"
SQ. #2319-6625-
649-1982 NEW \$3.95



0-5 AC AMMETER, 3 1/2" ROUND,
RUGGEDIZED; WESTON 1534
#6625-649-4076 NEW \$5.95

SHUNT



50 MV. 15 AMP
SIZE: 2x1 1/2x1 1/2
6625-810-6742
UNUSED \$2.50

1016 E. EUREKA
BOX 1105, LIMA, OHIO 45802
TEL: AREA CODE 419 223-2196
STORE HOURS
9:00 A.M. TO 5:30 P.M.
MONDAY THRU SATURDAY

TERMS
PRICES NET, F.O.B. LIMA, OHIO
SEND CASH, CHECK OR MONEY
ORDER with PURCHASE ORDER.
MINIMUM ORDER \$5.00
Orders less than \$5.00
ADD \$1.00 HANDLING CHARGE

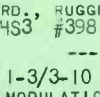
Include sufficient money for
shipping charges. (UNUSED
PAYMENTS RETURNED AT
ONCE.) Otherwise we will send
shipping charges collect.
C.O.D. ORDERS. SEND 25% OF
PURCHASE with ORDER. BAL-
ANCE will be COLLECTED
UPON DELIVERY.

When writing for information
PLEASE state what specific
information you desire.

D.C. MICROAMPS.



0-200 D.C. MICRO-
AMPERES, 3 1/2"
ROUND. CENTER ADJ
USTMENT. USED
WE#167807 \$4.95



0-200 DC MICROAMPERES, 3 1/2"
RD., RUGGEDIZED, MARION
HS3 #3981 NEW \$4.95

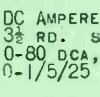


1-3/3-10 U-VOLT AND 5-50%
MODULATION SCALES; FS=100
U-AMPS. 2 1/2" RD., SEALED.
GAR#260/219 NEW \$4.95

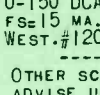


CARRIER LEVEL
0-130 SCALE
FS=130 UA DC
4 1/2" RD. RUGGED-
IZED; WESTON
MODEL 1541;
#1168 NEW \$8.95

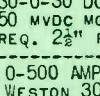
D.C. AMPERES



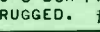
DC AMPS, 3 1/2" ROUND
0-300 SCALE; NEEDS
50MV/200 AMP SHUNT.
WESTON 643,
#173030 \$6.95



0-150 DCA SCALE, 2 1/2" RD.
FS=15 MA. MOVEMENT.
WEST.#12058528 USED \$1.95



0-5 DCA SCALE, 2 1/2" SQUARE,
EMICO RF2C-2202; #6625-909-
0433. NEW \$3.95

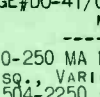


0-150 DCA SCALE, 2 1/2" RD.
FS=15 MA. MOVEMENT.
WEST.#12058528 USED \$1.95

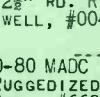
D.C. MILLIAMPS.



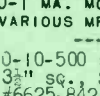
0-200 MADC SCALE, 2 1/2" ROUND
DEJUR S-210/MR25200DCMA
USED \$2.95



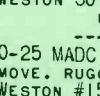
0-200 MADC SCALE, 3 1/2" ROUND
GE#DO-41/CG-22063
NEW \$4.95



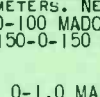
0-250 MA DC, FS=5 MA. 1 1/2"
SQ. VARIOUS MFG., #6625-
504-2250 SEALED NEW \$3.95




0-15 SCALE, FS=10 MA. DC,
2 1/2" RD. RUGGEDIZED, HONEY-
WELL, #0043 NEW \$3.95



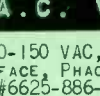
0-80 MADC SCALE, 2 1/2" ROUND;
RUGGEDIZED; HICKOK OR MARION
MFG. #6625-539-8274
NEW \$4.95



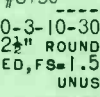
0-5/10/50 GRID BIAS VOLT SC
0-1 MA. MOVE. D.C. RUGGEDIZED
VARIOUS MFG.#MEB-1001 \$3.95



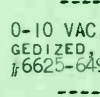
0-10-500 SCALE, FS=1 MA DC
3 1/2" SQ. SIMPSON,
#6625-842-8885 NEW \$4.95



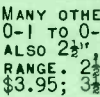
0-50 MADC SCALE, 3 1/2" ROUND
WESTON 301
USED \$4.95



0-25 MADC SCALE, 0-1 MA.
MOVE. RUGGEDIZED, BLK, FACE
WESTON #1521/GA-52832
USED \$4.95

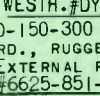


3 1/2" ROUND RUGGEDIZED MA DC
METERS. NEW. SELECT RANGE:
0-100 MADC #4265 \$5.95
150-0-150 MADC #3498 \$5.95



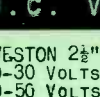
0-1.0 MA DC SCALE; 3 1/2"
ROUND; RUGGEDIZED; VARIOUS
MFG.; #6625-649-2710
NEW \$6.95

A.C. VOLTMETERS

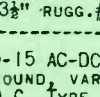


0-150 VAC, 2 1/2" ROUND, BLK.
FACE, PHASTRON, RUGGEDIZED
#6625-886-3169 NEW \$5.95

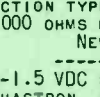
D.C. VOLTMETERS



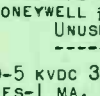
WESTON 2 1/2" RD. RUGGEDIZED
0-30 VOLTS DC #1521 \$7.95
0-50 VOLTS DC #2521 \$7.95



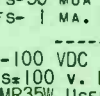
0-30 VDC SC. 200 MUA MOVE
3 1/2" RUGG.#527-3097 \$6.95



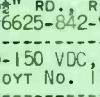
J-15 AC-DC VOLTS SCALE, 2 1/2"
ROUND VARIOUS MFG.
D.C. TYPE 1S-122 USED \$2.95



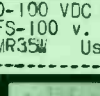
0-75 VDC SCALE, 3" RD. PROJ
ECTION TYPE, WESTON 301
1000 OHMS PER V.#248-7207
NEW \$5.95



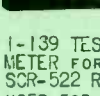
0-1.5 VDC SCALE, 2 1/2" ROUND
PHASTRON, RUGGEDIZED #683-
9729 UNUSED \$4.95



0-500 VDC SCALE, 3 1/2" SQUARE
HONEYWELL #231-1624
UNUSED \$5.95




0-5 KVDC 3 1/2" RD. RUGGEDIZED
FS=1 MA. #1500-13 \$8.95



0-500 VDC 2 1/2" RD RUGGEDIZED
FS=50 MUA #683-9829 \$5.95
FS=1 MA. #MR26W500 \$5.95

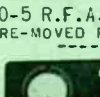


0-100 VDC SCALE, 3 1/2" ROUND
FS=100 V. BURLINGTON #431/
MR35W USED \$4.95

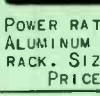


0-50 DC VOLTS
WESTON 1931,
FACE: 3 1/2x3
FITs 2 1/2" HOLE
NEW, \$9.95

R.F. AMMETERS



1-139 TEST
METER FOR
SCR-522 RADIO
USED FOR ALIGN-
MENT & SETTING
CHANNELS
0-1 MA
METER
WITH CORD & PLUG.
SIZE: 3x3x2 WT: 2LB. \$4.95



0-100 SCALE, FS=1.2 MA. 2 1/2"
ROUND VARIOUS MFG.
USED \$2.95
NEW \$3.95



0-2 R.F.A. 2 1/2" RD. BLK. SC
WESTON 1023 RE-MOVED \$5.95

HIGH BAND

FM — TRANSMITTER — RECEIVERS

LOW BAND



R-394/U RECEIVER F.M. 152-172 MC. SINGLE CHANNEL CRYSTAL CONTROL DUAL CONVERSION, CRYSTAL FREQ. RANGE 24.033 TO 27.7 THIRD OVERTONE, TYPE CR-32/U, I.F. FREQ. 7.8 MC & 455 KC. 15 KC DEVIATION, OUTPUT IMPEDANCE 8 OHMS, POWER 6 WATTS, SQUELCH AND MUTING CIRC. MODULAR CONSTRUCTION WITH PLUG-IN UNITS FOR EASY SERVICING.

1ST R-F AMPL. UNIT W/TUBES 1/5840 2/1A04.....LOCAL OSCILLATOR UNIT W/TUBES 2/1A04, 1/5678, 1/VR31-5783

.....1ST I-F 7.8 MC UNIT W/TUBES 3/5678.....2D I-F AND DISCRIMINATOR UNIT WITH TUBES 7/5678.....AUDIO AND SQUELCH UNIT WITH TUBES 3/5678, 1/5672, 1/6AK6 ALSO 455 KC SELECTIVE FILTER UNIT WHICH IS WIRED, NOT PLUG-IN. ILLUSTRATION SHOWS THE PLUG-IN UNIT AND THE COMPARTMENT WHERE THE POWER SUPPLY IS ALSO PLUGGED INTO. COVER IS SUPPLIED AND HELD IN PLACE BY A SPRING LOADED FASTNER.

POWER SUPPLIES, CONNECTOR, CONTROL UNIT AND OTHER ITEMS THAT ARE USED WITH THIS SET ARE LISTED ELSEWHERE ON THIS PAGE.

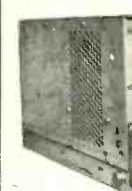
SIZE: 8½x5½x14½; WT: 19 LBS.

PRICES: USED GOOD CONDITION.....\$14.95
GOV'T RE-CONDITIONED..... 22.50



R-257 RECEIVER 25 TO 50 MC FM SAME AS R-394 RECEIVER ONLY DIFFERENT FREQUENCY RANGE. USES ALL THE SAME ACCESSORIES POWER SUPPLIES, TUBES ETC. SAME SIZE AND WEIGHT.

USED \$14.95



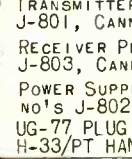
T-208/U TRANSMITTER F.M. 25 TO 50 MC 25 WATTS. SINGLE CHANNEL CRYSTAL CONTROL, 15 KC DEVIATION, VOICE ONLY TRANSMISSION. CRYSTAL UNIT CR-27/U, FREQ. RANGE 1,562.5 TO 3125 KC. X 16 FOR ALL FREQUENCIES. 100 MV CARBON MIC. WITH TUBES 3/2E24, 1/384, 2/5672 4/5678 & 3/1A04.

VOLTAGES REQUIRED ARE AS SHOWN WITH DYNAMOTORS DY-93/12 V, DY-98/24 V. DY-100/6 V.

SIZE: 8½x4½x14½; WT: 11 LBS. USED \$18.95



CHASSIS CONNECTORS TO FIT R-394, R-257, T-416 T-278, T-208 & SUPPLIES



TRANSMITTER PLUG P-401 CHASSIS CONNECTOR NO'S J-801, CANNON# DPD-A32C2-33S-2L \$2.50

RECEIVER PLUG R-252: CHASSIS CONNECTOR NO'S J-803, CANNON# DPD-A31C1-33S-2L \$2.50

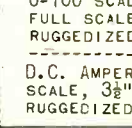
POWER SUPPLY PLUG P-1203; CHASSIS CONNECTOR NO'S J-802, CANNON# DPD-30-33S-22 \$2.50

UG-77 PLUG ON 4½ FOOT CORD.....\$1.00

H-33/PT HANDSET ON 4½' CORD WITH UG-77 U 5.95

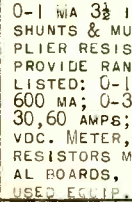


0-100 SCALE, LEVEL SET, 3½" FULL SCALE 100 MICROAMP. RUGGEDIZED #7808 NEW \$6.95



D.C. AMPERES 0-100 & 0-200 SCALE, 3½" FULL SCALE 50 MV RUGGEDIZED #5338 NEW \$6.95

VOLTS-AMPS-MILLI SHUNTS/MULTIPLIER



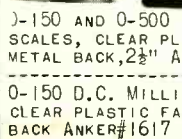
0-1 MA 3½ IN WITH SHUNTS & MULTIPLIER RESISTORS PROVIDE RANGES LISTED: 0-120, 600 MA; 0-3, 12, 30, 60 AMPS; 0-30, 60, 300, 1200 VDC. METER, SHUNTS, MULTIPLIER RESISTORS MOUNTED ON TERMINAL BOARDS, REMOVED FROM UNUSED EQUIP. LSH-99 \$14.95



MULTI METER SCALES 0-2 OHMS, 2-1M OHM, 0-3 VDC, AND 0-150 VAC. FS= 100 UA DC; 4½" RD. RUGGEDIZED; LYCOMING 410-11177 #6625-773-1851 NEW \$8.95



1617



0-150 D.C. MILLIAMMETER 2½" CLEAR PLASTIC FACE METAL BACK ANKER#1617 NEW \$2.95



0-50 D.C. MILLIAMPERES EDGE-WISE 1x3½" DEPTH 3" IDEAL#458-0667-00 NEW \$4.95

FACE MARKED SCALE NO. 1 NO. 2 FULL SCALE 1 MA. D.C. 2½" RUGGEDIZED #0801 NEW \$3.95



R-257 OR R-394 RECEIVER CHASSIS ONLY LESS ALL PLUG-IN UNITS AND FILTERS, WITH CONNECTORS & COVER. SHPG. WT: 10 LBS. USED \$4.95

R-257 OR R-394 RECEIVER PLUG-IN UNITS ONLY

MX-1547 RECEIVER RELAY SUBASSEMBLY \$4.95

1ST R.F. AMPL. W/TUBES 1/5840, 2/1A04 \$3.95

LOCAL OSCILLATOR W/TUBES 2/1A04, 1/5678 \$4.95

1/VR31-5783 & CRYSTAL. (NO CRYSTAL CHOICE)

2ND I.F. AND DISCRIMINATOR W/ TUBES 5678 \$3.95

1ST I.F. 7.8 MC. W/TUBES 3/5678 & CRYST \$4.95

AUDIO & SQUELCH W/TUBES 3/5678, 1/5672 AND 1/6AK6 \$3.95

SELECTIVE FILTER 455 KC. (NOT SHOWN) \$2.95

VIBRATOR TYPE POWER SUPPLIES

FOR USE WITH R-394 & R-257 RECEIVERS. THE OUTPUT OF THE SUPPLIES ARE THE SAME AND ARE

155 VOLTS DC @ 15 MA.
150 " " @ 5 "
140 " " @ 50 "
-40 " " @ .5 "
6.3 " " @ .45 AMPS.
6.3 " " @ 1.0 "
1.4 " " @ 1.25 "

PP-867/U 24 VOLTS DC @ 1.1 AMPS USED \$4.95

PP-868/U 12 " " @ 2.0 " " 9.95

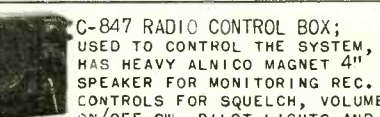
PP-869/U 6 " " @ 3.7 " " 6.95

PP-846/U 115/230 V 60 CYC 2 AMPS " 18.95

PP-804 115/230V. 60 CYCLE AC POWER SUPPLY FOR T-4 7, T-208 AND T-278 TRANSMITTERS.

RECOND \$32.95 USED \$27.95

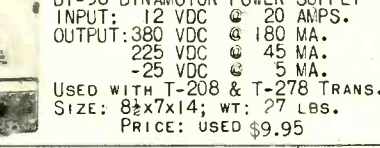
C-844/L CONTROL UNIT FOR OPERATION OF RADIO SET FROM REMOTE POINT. USED \$14.95



C-847 RADIO CONTROL BOX; USED TO CONTROL THE SYSTEM, HAS HEAVY ALNICO MAGNET 4" SPEAKER FOR MONITORING REC. CONTROLS FOR SQUELCH, VOLUME ON/OFF SW. PILOT LIGHTS AND RECEPTACLE FOR H-33 HANDSET WHICH HAS UG-77

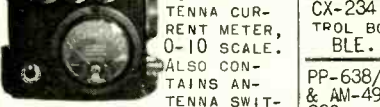
SIZE: 9½x5½x3½; WT: 6 LBS. USED \$8.95

H-33/PT HANDSET WITH CORD & UG-77 " 5.95



DY-93 DYNAMOTOR POWER SUPPLY INPUT: 12 VDC @ 20 AMPS. OUTPUT: 380 VDC @ 180 MA. 225 VDC @ 45 MA. -25 VDC @ 5 MA.

USED WITH T-208 & T-278 TRANS. SIZE: 8½x7x14; WT: 27 LBS. PRICE: USED \$9.95

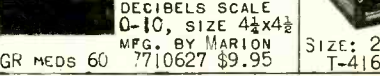


RE-2/ARC-5 ANTENNA RELAY UNIT W/ 2½" RD. ANTENNA CURRENT METER, 0-10 SCALE. ALSO CONTAINS ANTENNA SWITCHING RELAY AND 50 MMF 5 A. VACUUM CAPACITOR. WT: 5 LBS

SIZE: 3½x4½x6 RECONDITIONED PRICE: \$7.95



POWER SUPPLY METER W/ 6%, 10% AND 20% SCALE. FS= 50 UA DC. 4½" RD. RUGGEDIZED. WESTON 1541; #S71449 NEW \$7.95



GENERAL RADIO MODEL 55 200 MUA FS, 500 OHM NOM. 0-100 SCALE, DECIBELS SCALE 0-10, SIZE 4½x4½ MFG. BY MARION 7710627 \$9.95



C-845/U RADIO SET CONTROL USED WITH R-394, R-257 RECEIVERS AND T-208, T-278 & T-417 TRANSMITTERS. CONTAINS A 3 TUBE MICROPHONE AMPLIFIER WITH A LINE LEVEL METER THAT ENABLES YOU TO ADJUST THE SIGNAL SO THAT IT WILL BE STRONG ENOUGH TO MODULATE THE TRANS. AFTER PASSING THROUGH THE INTER. 600 OHM LINE. HEAVY DUTY 4" SPEAKER IS PROVIDED FOR MONITORING THE RECEIVER. HAS TONE GENERATOR FOR SIGNALING PURPOSES, SPEAKER VOL. CONT. PILOT LIGHTS FOR POWER AND TRANSMIT. REQUIRES UG-77 PLUG FOR MIC. & PHONE SUCH AS ON H-33/PT HAND SET. (REQUIRES 155VDC 5MA, 160VDC 15MA & 6.3V) PP-846/U 115/230 V. 60 CYC POWER SUPPLY WAS DESIGNED FOR USE WITH THIS UNIT AND MOUNTS INSIDE AND IS AN OPTIONAL ITEM.

SIZE: 8½x13½x13½; WT: 20 LBS. TUBES 2/12AU7-6AK6

PRICE: USED WITH PP-846 POWER SUPPLY \$29.50



CY-938 ELECTRICAL EQUIPMENT CABINET; USED TO HOUSE RECEIVERS R-394 OR R-257, TRANSMITTERS T-208 OR T-278 AND POWER SUPPLIES DY-93 OR DY-98 OR DY-100 FOR THE TRANSMITTERS. THE UNITS SLIDE IN THE CABINET AND ARE HELD IN PLACE BY A HEAVY TWIST LOCK FASTENER. ELECTRICAL CONNECTIONS ARE MADE THRU THE PLUGS WHICH IN TURN ARE WIRED TO TERMINAL STRIPS BEHIND THE BULKHEAD. CABINET CAN BE MOUNTED IN ANY POSITION AND HAS A REMOVABLE COVER FRONT AND BACK. (ILLUSTRATION SHOWS CABINET EMPTY AND WITH UNITS IN PLACE.)

SIZE: 17½x11½x25; WT: 33 LBS.

PRICES: USED \$7.95 UNUSED \$9.95



T-278/U TRANSMITTER F.M. 152 TO 174 MC APPROX. 30 WATTS, CRYSTAL CONTROL ON ANY TWO (2) PRESET FREQ. PHASE SHIFT MODULATION 15 KC DEVIATION, CR-27/U CRYSTAL UNIT FREQ. RANGE 4750-5437.5 KC. MULTIPLIED 32 TIMES. WITH TUBES 2/384, 3/2E24, 4/5678, 2/5672 AND 2/1A04.

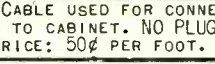
VOLTAGES REQUIRED AS SHOWN WITH DY-93 DYNAMOTOR ELSEWHERE ON THIS PAGE. USED \$18.95

SIZE: 8½x4½x14½; WT: 12 LBS. UNUSED \$24.95

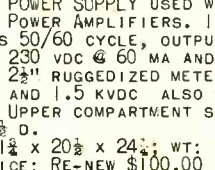
T-278 TRANS. LESS TUBES AND CRYSTAL OVEN \$6



CX-2371 CABLE ASSEMBLY USED FOR CONNECTING R-394-257 REC. T-208-278, 416, 417 TRANS. TO THE VARIOUS CABINETS SO THE UNITS CAN BE SERVICED OUTSIDE THE CABINETS.



CX-2341 CABLE USED FOR CONNECTING CONTROL BOX TO CABINET. NO PLUGS ON THIS BLE. PRICE: 50¢ PER FOOT.



PP-638/U POWER SUPPLY USED WITH AM-494 & AM-495 POWER AMPLIFIERS. INPUT 115/230 VOLTS 50/60 CYCLE, OUTPUT 1100 VDC @ 320 MA, 230 VDC @ 60 MA AND 6.3 VAC @ 5.2 A. 2½" RUGGEDIZED METERS 50 MADC 500 MADC AND 1.5 KVDC ALSO BLOWER FOR COOLING. UPPER COMPARTMENT SIZE 15Wx 9½ H x 8½ D.

SIZE: 31½ x 20½ x 24½; WT: 150 LBS. PRICE: RE-NEW \$100.00



AN/TRC-34 RADIO SET 152 TO 172 MHZ, FM 50 WATT OUTPUT, DUAL FREQ. SELECT 10N ON ANY TWO PRESET CRYSTAL CONT. FREQ., TWO WAY COMMUNICATION OR RAD 10 RELAY USE.

THE SET CONSISTS OF T-416 TRANSMITT. THAT IS THE SAME AS T-278 EXCEPT IT USES A 5894 TUBE IN THE FINAL, R-394 REC., C-844 RELAY CONTROL BOX, PP-804 & PP-846 115/230 V 60 CYC POWER SUPPLIES AND CY-1221 CABINET, THAT HAS THE CONTROLS FOR LOCAL USE.

SIZE: 21½x17x20½; WT: 150 LBS. PRICE: USED \$100.00

T-416/GR TRANSMITTER ONLY \$49.50 CY-1221 CABINET \$20

BC & ARC COMMAND SETS

THE COMMAND SET SERIES OF TRANSMITTERS AND RECEIVERS HAVE BEEN POPULAR FOR MANY YEARS ON THE SUPPLUS MARKET.

THE SERIES CONSISTS OF SEVERAL SEPARATE UNITS COVERING THE FREQUENCY RANGE OF 190 KC TO 9.1 MC FOR THE RECEIVERS AND 2.1 TO 9.1 MC FOR THE TRANSMITTERS.

IF YOU ARE NOT FAMILIAR WITH THE CONVERSION OF THIS EQUIPMENT IT IS SUGGESTED THAT YOU PURCHASE CONVERSION MANUAL COVERING THE SET.

CQ SURPLUS CONVERSION MANUAL, WHICH INCLUDES COMMAND SETS IS AVAILABLE FROM US FOR \$3.00 (FOR OTHER CONVERSION MANUALS SEE PAGE 21)



THE RECEIVERS ARE SIX TUBE SUPERHETERODYNE WITH THE FOLLOWING TUBE LINE-UP: 1/12A6, 1/12K8, 3/12SK7 & 1/12SR7.

DESIGNED TO OPERATE WITH THE USE OF A DM-32 24 VOLT D.C. DYNAMOTOR WITH AN OUTPUT VOLTAGE OF 250 VDC @ 60 MA. ALSO REQUIRES 24 VOLTS FOR FILAMENTS. THE SET WAS TUNED FROM A REMOTE POSITION BY THE USE OF A FLEXIBLE SHAFT AND CONTROL BOX. SIZE: 5x5x11; WT: 12 LBS.

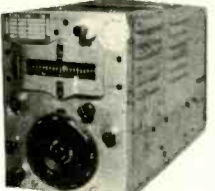
R-23/ARC 190 TO 550 KHZ USED \$16.95

R-26/ARC 3.0 TO 6.0 MHz USED, \$15.95

R-25/ARC 1.0 TO 3.0 MC UNUSED \$22.95

R-28/ARC-5 100 TO 156 MC CRYSTAL CONTROL ON FOUR PRE-SET CHANNELS WITH 24 VDC MOTOR, NOT CONTINUOUS TUNING. USES SAME VOLTAGE BUT DIFFERENT TUBES. SEE CONVERSION MANUAL FOR DETAILS TO MAKE CONTINUOUS TUNING. USED \$18.95

THE TRANSMITTERS WITH PROPER USE CAN PUT OUT 50 WATTS CW AND 30 WATTS ON PHONE. MODULATION IS OBTAINED FROM SEPARATE UNITS, BC-456 FOR SINGLE TUBE MOD. AND MD-7 FOR PUSH-PULL MOD.



THE DM-33 DYNAMOTOR IS USED TO SUPPLY THE VOLTAGES AND IS MOUNTED ON THE MODULATOR. VOLTAGES REQUIRED 575-600 VDC @ 175-200 MA. AND 24 VOLTS. WITH TUBES 2/1625, 1/1626 & 1/1629 MAGIC EYE TUBE FOR TUNING AND CRYSTAL FOR CALIBRATION. SIZE: 5x7x12; 12LBS

CBY 52232 NAVY TRANS. 2.1 TO 3 MC NEW \$14.95

T-20/ARC-5 4.0 TO 5.3 MC USED \$6.95

T-21/ARC-5 5.3 TO 7.0 " " 6.95

T-23/ARC-5 100 TO 156 MC AM USING 832 TUBES (2) AND 1625 (2), FOUR PRE-SET CRYSTAL CONTROL CHANNELS, COMPANION TO R-28 REC. FOR CONVERSION SEE CQ MANUAL. \$24.95



BC-456 MODULATOR FOR USE WITH COMMAND TRANSMITTERS, SINGLE TUBE MODULATION WITH TUBES 1/1625, 1/12U5GT AND 1/VR-150. HAS PROVISION FOR MOUNTING DM-33 DYNAMOTOR. SIZE: 7x8x10; WT: 11LBS UNUSED \$9.95

MD-7/ARC-5 MODULATOR SAME AS BC-456 ONLY USES 2/1625 TUBES IN PUSH-PULL FOR 40 TO 60 WATTS. USED L/COVER \$9.95

COMMAND RECEIVER AC POWER SUPPLY SEE PAGE 20

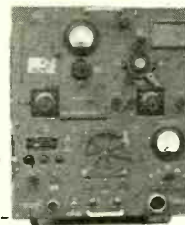
SPIN TUNING KNOB FOR RECEIVERS	\$1.50
DM-32 DYNAMOTOR 24 V FOR REC. UNUSED	4.95
35x032 " " " " " "	4.95
C-26/ARC CONTROL BOX FOR ONE REC. USED	\$2.50
BC-496 " " " TWO " "	\$1.00
BC-450 " " " THREE " "	2.50
BC-451 " " " ONE TRANS. " "	1.95
BC-473 " " " ONE REC. " "	\$2.50
CONNECTOR PLUGS F/REC. OR TRANS.	" 1.50

FLEXIBLE SHAFTS MC-215 FOR COMMAND EQUIPMENT 6 FT. \$1.50 EACH ADDITIONAL FT. 25¢ EXTRA.

MC-215 FLEXIBLE SHAFTS AND SMALL SPLINE FOR COMMAND TYPE RECEIVERS; 20 FT. KIT, NOT MADE-UP	\$3.95
SPLINE & NUT FITS COMMAND TYPE RECEIVERS AS USED ON MC-215 AND SPIN KNOBS.	\$1.00
FT-234 ONE TRANSMITTER RACK	\$2.00
FT-68 " " " SHOCKMOUNT	1.50
FT-226 TWO TRANSMITTER RACK	2.50
FT-227 " " " SHOCKMOUNT	2.00

RECEIVER-TRANSMITTER

BC-669 RADIO RECEIVER AND TRANSMITTER, FREQ. RANGE FROM 1680 TO 4450 KC. OPERATING RANGE IS 20-30 MILES FROM FIXED STATIONS AND 15 MILES FOR MOBILE ONES, DEPENDING UPON ENVIRONMENTAL CONDITIONS. THE TRANSMITTER SECTION WITH AN OUTPUT OF 45 WATTS, SENDS VOICE MODULATED SIGNALS, WHILE THE RECEIVER IS OF THE SUPERHETERODYNE TYPE, DETECTING BOTH VOICE MODULATED AND TONE MODULATED C-W TELEGRAPH SIGNALS. HAS SIX CRYSTAL-CONTROLLED FREQUENCIES WHICH MAY BE PRESET FOR TRANSMISSION AND RECEPTION. MANUAL CONTROL FOR RECEIVING IS ALSO PROVIDED. WITH TUBES 6H6, 6J5, 6K6, 5/6L6, 6SA7, 3/6SK7, 12J5, AND 2/807. POWER SUPPLY REQUIRED 115V. AC 60 CYCLE (PE-110). SIZE: 18x21x13



WT: 150 LBS. PRICE: USED NEED WORK, \$39.95
PE-110D 115V. AC POWER SUPPLY FOR BC-669; WT: 100 LBS. PRICE: \$30.00 UNUSED
RM-21 CONTROL BOX FOR REMOTE OPERATION OF BC-669, WT: 8 LBS. PRICE: \$3.95

BROADCAST RECEIVER



R-22 RECEIVER 550 TO 1500 KC AM, ONE BAND CONTINUOUS TUNING, NO DIAL (SEE BELOW FOR CONTROL BOX) WITH TUBES 2/14A7, 1/14S7, 1/14R7, 1/14F7 AND 1/12A6. VOLTAGES REQUIRED 250-290 VDC @ 50-90MA. AND 24 VOLTS. SIZE: 6x5x11; WT: 10 LBS. PRICE: NEW \$22.50

CONTROL BOX FOR RECEIVER WITH ADAPTER THAT CAN BE USED ON ANY RECEIVER OF THIS TYPE. SCALE WILL HAVE TO BE CHANGED CONTROL BOX WITH ADAPTER \$4.50



CV-431/AR CONVERTER THIS CONVERTER IS A COMBINED TRANSMITTER AND RECEIVER CONVERTER. THE TRANSMITTER PORTION FUNCTIONS AS AN INDEPENDENT TRANSMITTER ON A FREQUENCY RANGE OF 228 TO 258 MC; IT DOES NOT REQUIRE THE USE OF ANY

VHF COMPONENT FOR TRANSMISSION. THE CONVERTER SECTION CONVERTS RECEIVED SIGNALS IN THE RANGE OF 228-258 MC TO 118-148 MC AFTER MIXING WITH A 110 MC CRYSTAL OSCILLATOR AND REQUIRES THE USE OF A VHF RECEIVER FOR RECEPTION. HIGH VOLTAGE FOR THE CONVERTER IS SUPPLIED BY THE DYNAMOTOR WHICH IS MOUNTED ON THE RECEIVER AND HAS AN OUTPUT OF 250 VDC 60 MA. THE TRANSMITTER IS 8 CHANNEL CRYSTAL CONTROLLED, VOICE AM CIRCUIT DESIGNED FOR AIRCRAFT TO GROUND COMMUNICATION AND USES 4/5763, 1/6201 AND 1/5763 TUBES. POWER OUTPUT 0.5 WATT AT AN ALTITUDE OF 5000 FT. WITH A RANGE OF APPROX. 60 AIR MILES.

SIZE: 5x11x4; WT: 9 LBS. PRICE: USED SERVICEABLE WITH TUBES \$7.95

T-366A/ARC TRANSMITTER 116 TO 132 MC, 5 CHANNELS CRYSTAL CONTROL WITH 5/5763 TUBES FOR 24-28 VOLTS D.C. OPERATION. USES ARC#14958 CRYSTALS. APPROX. 5 WATTS OUTPUT, USED IN AIRCRAFT. SIZE: 4x4x6; WT: 6 LBS. PRICE: RE-COND. \$16.95



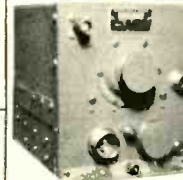
R-508/R-19/ARC RECEIVER 118 TO 148 MC. AM, 15 MC I.F. WITH TUBES 3/9003, 1/9002, 2/14R7, 1/14F7 AND 1/12A6, VOLTAGE REQUIRED 24-28 V FOR LOW, 250 VDC @ 60 MA. FOR HIGH VOLTAGE NO DIAL, DESIGNED FOR REMOTE TUNING. SIZE: 6x5x11; WT: 10 LBS. USED \$18.95



BC-348 RECEIVER A.M. SIX BANDS 200-500 KC & 1.5-18 MC. CRYSTAL PHASING, ANTENNA ALIGN, BEAT OSC., & AUDIO GAIN CONTROLS, VERNIER &

SPEED TUNING, AVC, M.V.C, PHONE AND C.W. PHONE & SPEAKER JACKS, LARGE ILLUM. DIAL. WITH TUBES 4/6SK7, 6SJ7, 6SA7, 6SR7, AND 6K6. SOLD LESS DYNAMOTOR. VOLTAGES REQUIRED: 220 VDC @ 70 MA. & 24 VDC. SIZE: 18x10x9; WT: 40 LB PRICE: USED, CHECKED \$79.50 NOT CHECKED \$60 DM-28 DYNAMOTOR 28 VDC USED \$4.95 115 VAC POWER SUPPLY W/SPEAKER \$23.00 FT-154 SHOCKMOUNTING \$2.75 PL-103Q PLUG FOR REAR OF RECEIVER \$2.50

RECEIVER 108-135 MC

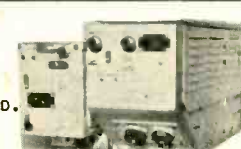


AIRCRAFT RADIO RECEIVER VHF 108 TO 135 MC AM, CONTINUOUS TUNING, NO DIAL ON RECEIVER DESIGNED FOR REMOTE USE, 15 MC. I.F. REQUIRES 24/28 VOLTS FOR FILAMENT AND 250 VDC 60 MA. HV. HAS FACILITY FOR MOUNTING DYNAMOTOR ON THE REAR SUCH AS D-10/DM-32 WITH TUBES 3/9003, 1/9002, 2/14R7, 1/14A7, 1/14F7 & 1/12A6. HAS PHONE OUTPUT JACK ON THE FRONT ALSO INPUT & OUTPUT PL

SIZE: 6x5x11; WT: 10 LBS. R-15 RECEIVER NO SQUELCH USED \$16.95 R-509/ARC RECEIVER WITH SQUELCH, USED \$19.95 SPIN TUNING KNOB FOR LOCAL USE \$1.50 UG-88/U COAX. CONN. FOR ANTENNA USED \$.35

VHF RECEIVER-TRANSMITTER

VHF TRANSMITTING AND RECEIVING EQUIPMENT AM 100 TO 156 MC.



CRYSTAL CONTROL ON 4 PRESELECTED CHANNELS IN THE RANGE SPECIFIED. R-28/ARC-5 RECEIVER (SHOWN ON THE LEFT) CRYSTALS ARE INSERTED IN THE FRONT OF THE SET BEHIND THE ACCESS DOOR, FREQ. DIAL AND SQUELCH ADJ. ARE ALSO ON THE FRONT. SELECTION OF CHANNEL IS DONE REMOTELY WITH THE USE OF THE C-30 /ARC-5 CONTROL UNIT WHICH IS AVAILABLE SEPARATELY. WITH TUBES 4/717, 3/12SH7, 2/12SL7 & 12A6 VOLTAGES REQUIRED 24/28 VDC FOR RELAYS AND SELECTOR MOTOR ETC. 250 VDC & 60 MA. HIGH V. DM-32 DYNAMOTOR CAN BE USED ON THE REAR OF THE SET FOR THE HIGH VOLTAGE. (FOR VARIABLE TUNING SEE SURPLUS CONVERSION MANUAL VOLUME 111 PRICE \$3.50) SIZE: 14x7x4; WT: 16 LBS. USED \$18.95

T-23/ARC-5 TRANSMITTER (SHOWN TO THE RIGHT) THE OUTPUT OF THIS UNIT AS DESIGNED IS APPROX 10 WATTS HIGHER OUTPUT CAN BE OBTAINED AS IT HAS (2) TWO 832 TUBES AND TWO 1625's. THE AUDIO POWER FOR MODULATING IS FURNISHED BY THE MD-7/ARC-5 MODULATOR WHICH IS AVAILABLE SEPARATELY. FREQ. CHANNEL SELECTION IS MADE BY USE OF THE C-30 CONTROL UNIT WHICH IS AVAILABLE SEPARATELY VOLTAGES REQ. 24/28 VDC FOR RELAYS & SELECTOR MOTOR ETC. APPROX 600 VDC @ 175 MA F/HIGH V. SIZE: 15x8x5; WT: 15 LBS. RE-NEW \$24.95 MD-7 MODULATOR; PUSH-PULL MODULATOR DESCRIBED ON PAGE 4 OF OUR REGULAR CATALOG RE-NEW \$12.00 C-30/ARC-5 CONTROL UNIT PAGE 19 CATALOG \$1.00

RECEIVER



R-11A RECEIVER 190-550 KC ONE BAND, 85 KC IF FREQ. WITH TUBES 2/14A7, 1/14S7, 1/14R7, 1/14F7 & 1/12A6 (14 SERIES TUBES ARE LOCAL FILAMENTS ARE WIRED FOR 12-14 OR 24-28 VOLTS, HIGH VOLTAGE REQ. 250 VDC 60MA. NO DIAL, DESIGNED FOR REMOT USE BUT ITEMS LISTED BELOW

CAN BE ADAPTED FOR LOCAL TUNING. SIZE: 6x5x11; WT: 10 LBS. USED \$7.95 BC-473 CONTROL BOX FOR LOCAL USE WITH ADAPTER WITH SET \$3.00 OTHERWISE \$4.00 SPIN TUNING KNOB FOR LOCAL USE \$1.50

SCR-522 RADIO SET

100-156 MC

RECEIVER-TRANSMITTER AM, FOUR CHANNEL, CRYSTAL CONTROL, 30 WATT OUTPUT, 18 TUBES AS FOLLOWS; TRANSMITTER, 1/6SS7, 2/832, 3/12A6, 1/6G6, RECEIVER, 1/9002, 1/9003, 3/12A6, 1/12C6, 2/12AH7, 1/12H6 & 3/12SG7. BOTH UNITS CAN BE REMOVED FROM CASE SEPARATELY. OVERALL SIZE: 16 1/2 x 12 1/2 x 10-3/4" WT: 49 LBS. PRICE: USED \$29.95



RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED, WITH TUBES \$14.95 NO TUBES \$7.95

TRANSMITTER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED WITH TUBES \$18.95 NO TUBES \$7.95

BC-602 CHANNEL SELECTOR CONTROL BOX WITH PUSH BUTTONS. BC-602B USED \$1.95 BC-602D NEW \$2.95

NOTE: FOR THE MICROPHONE & PHONE CIRCUITS JACKS CAN BE INSTALLED IN THE BC-602

JB-29 JUNCTION BOX NEW \$2.95
 AN-104 ANTENNA, METAL COVERED WOOD NEW 1.95
 PE-98 DYNAMOTOR 12 VOLT USED 9.95
 PE-94 " 24 " USED 4.95

PLUGS REQUIRED FOR THE EQUIPMENT

SCR-522 RECEIVER-TRANSMITTER REQUIRES THE FOLLOWING PLUGS, PL-173 TO ANTENNA, PL-169 TO DYNAMOTOR, PL-170 TO JB-29 JUNCTION BOX. \$1.50 EACH

BC-602 CONTROL BOX, REQUIRES FOLLOWING PLUGS, PL-169 TO JUNCTION BOX. \$1.50 EA.

PE-98 OR PE-94 DYNAMOTOR REQUIRES FOLLOWING PLUGS, PL-172 TO BATTERY, PL-171 TO RECEIVER-TRANSMITTER. \$1.50 EA.

JB-29 JUNCTION BOX, REQUIRES THE FOLLOWING PLUGS, PL-170 TO RECEIVER-TRANSMITTER PL-169 TO BC-602 CONTROL BOX. \$1.50 EA.

PD-5/ARA-19 TUNING DRIVE FOR AM-203B AMPLIFIER; PART OF ARN-6 RADIO COMPASS REMOTE TUNING SYSTEM. WITH DELCO PM MOTOR. SIZE: 4 1/2 x 2 x 4. WT: 5 LBS. USED \$9.95; PLUG F/PD-5 \$1.50

BC-733 RECEIVER 108.3-110.3 MC AM

AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-POINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY. OPERATES ON SIX CRYSTAL CONTROL PRESET FREQ. COMPLETE WITH TEN TUBES: 1/12AH7, 2/12SG7, 3/717, 2/12SR7, 1/12SQ7 & 1/12A6. VOLTAGE REQUIRED; 24 VDC & 220 VDC 80 MA. WITH SCHEMATIC. SIZE: 13 1/2 x 5 x 7 WT: 17 LBS. PRICE: USED \$7.95

1-101C CROSS POINT INDICATOR, USED \$1.95
 PL-257 PLUG TO FIT 1-101C 1.50

BC-732 CONTROL BOX USED \$1.95 NEW \$2.95
 CABLE WITH PL-254 TO FIT BC-732 REC. AND PL-256 PLUG TO FIT BC-732 CONTROL BOX 3 FT. PRICE: \$4.95 PLUGS ONLY 1.50
 PRICE: \$4.95 PLUGS ONLY \$1.50 EA.

DM-53 DYNAMOTOR 24 VOLT USED \$6.95
 DM-53AZ " 12 " USED 7.95
 AS-27 RAMS HORN ANTENNA \$5.95 AS-27A 9.95
 PL-284 TWIN COAXIAL CONNECTOR 2.00

1-155-A TEST METER

1-155-A TEST UNIT FOR BC-950-A TRANSMITTER. APPEARS TO BE SIMILAR TO TS-178/ARN-1 USED TO CHECK VOLTAGES AND CURRENT IN THE CIRCUITS OF ARC-3 EQUIPMENT. INCLUDES 3 1/2" ROUND 0-100 SCALE FS=1 MA 150 OHM RES. METER COUPLED TO A 7-POSITION SWITCH. CHECKS (1) OSC. GRID CURRENT, (2) 1ST H-G GRID CURRENT, (3) 2ND H-G GRID CURRENT, (4) RF AMP GRID CURRENT, (5) RF AMP CATHODE CURRENT, (6) HEATER VOLTAGE AND (7) PLATE VOLTAGE. WITH 4' CORD AND PL-152 PLUG. SIZE: 8x5x4 WT: 4LBS. UNUSED \$7.95

ARC-3 100-156 MC

R-77/ARC-3 VHF AIRCRAFT TYPE AM RECEIVER, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 9001, 9002, 12A6, 12H6, WITH TUBES 9001, 9002, 12A6, 12H6, 12SH7, 12SL7, 2/12SN7, 3/12SG7 & 6/6AK5. VOLTAGE REQUIRED 24 VDC & 210 VDC 125 MA. SIZE: 11x7x15. WT: 21LBS. WITH SCHEMATIC

PRICE: R-77/ARC-3 USED \$24.50
 R-5009/ARC-502 24 CHANNEL USED \$24.95
 PL-153 PLUG FOR FRONT OF SET \$ 2.50

T-67/ARC-3 VHF AIRCRAFT TYPE TRANSMITTER AM, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE, WITH TUBES 2/832, 2/6L6, 1/6J5, 3/6V6 & 1/12SH7. VOLTAGE REQUIRED 24 VDC & 410 VDC 325 MA. SIZE: 15 1/2 x 7 1/2 x 12 1/2. WT: 21 LBS. PRICE: USED WITH TUBES \$24.95

JB-68 JUNCTION BOX FOR ARC-3 RADIO SET USED TO MOUNT DYNAMOTORS DY-22 FOR REC & DY-21 FOR TRANS. ALSO HAS CONNECTOR PLUGS TO HOOK UP REC, TRANS, CONTROL BOX & POWER, & RELAYS. SIZE: 10 1/2 x 3 1/2 x 8 1/2. WT: 7 LBS. PRICE USED.... \$7.95

CONNECTOR PLUG FOR EACH FACILITY \$2.50 EACH

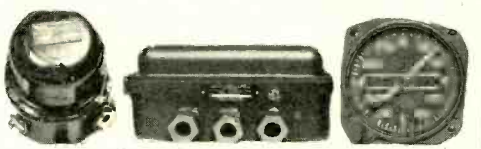
C-118/ARC-3 CONTROL BOX FOR RECEIVER AND TRANSMITTER. HAS EIGHT PUSH BUTTONS FOR CHANNEL SELECTION AND ONE FOR OFF. SIZE: 6x3x7 WT: 2 LBS. PRICE: \$4.95

CONNECTOR PLUG U-16/U 2.50

IE-36 TEST SET FOR SCR-522 REPRODUCES THE OPERATING FUNCTIONS OF THE CONTROL BOX & JACK BOXES OF THE RADIO BY PROVIDING HEADPHONE & MICROPHONE, CHANNEL SELECTION PLUS ALL OTHER CONTROLS NECESSARY TO OPERATION AND TESTING. CONTROL UNIT BC-1303 PLUGS DIRECTLY INTO THE SCR-522 ALSO HAS PHANTOM ANTENNA & CORD, LAMP EXTRACTOR, ADAPTER PHONE CORD, INSTRUCTION BOOK AND CARRYING CASE, 10x10x4; WT: 8 LBS. PRICE: NEW \$6.95

SCR-522 CABLES WITH PLUG ON ONE END AND LUG TERMINALS ON THE OTHER. EACH CABLE \$2.95
 CX-58/VRC-1 PLQ-170 PLUG & LUGS, 36" LONG.
 CX-60/VRC-1 PL-169 " " " 36" "
 CX-62/VRC-1 PL-172 " " " 66" "

REMOTE READING MAGNESYN COMPASS SYSTEM AIRCRAFT TYPE. CONSISTS OF A MAGNESYN COMPASS THAT TRANSMITS TO A 3" INDICATOR THAT IS CALIBRATED IN DEGREES—N-S-E-W, AND IS OPERATED BY THE 12 VOLT DC INVERTER WHICH IS INCLUDED WITH THE SYSTEM. SHIPPING WEIGHT: 15 LBS. PRICE WITH TRANSMITTER, INDICATOR, INVERTER AND MANUAL..... \$49.95



RECEIVER 200 - 400 KC
 BC-1206 RECEIVER AM 200 TO 400 KC USED FOR AIRCRAFT BEACON CALLS VOLTAGE REQUIRED 24 VDC TUBES REQUIRED 2/14H7, 1/14J7, 1/14R7 & 1/28C7. I.F. FREQ. 135 KC, THREE (3) GANG VARIABLE 400-800 MFD LOCAL SOCKET THESE RECEIVERS ARE SOLD LESS TUBES AND "AS-IS" BECAUSE WE HAVE FOUND SOMETIMES THE I.F. COILS MAYBE OPEN AND THE COST OF MAKING THE REPAIR IS PROHIBITIVE. HENCE THE LOW PRICE. PLEASE DO NOT ASK US TO CHECK THE COILS. SIZE: 4x4x6 1/2; WT: 6 LBS. USED AS-IS \$2.95

AM-203B/ARA-19 AMPLIFIER; PART OF REMOTE TUNING SYSTEM AS USED WITH ARN-6 RADIO COMPASS WHICH PROVIDES AN ACCURATE MEANS OF TUNING SET ELECTRICALLY. OPERATES FROM 24 VDC. WITH 2/26A7 TUBES AND 1/12SN7 TUBE. SIZE: 5x6x4 1/2; WT: 6 LBS. PRICE: RE-NEW \$8.95

AM-203B/ARA-19 AMPLIFIER; PART OF REMOTE TUNING SYSTEM AS USED WITH ARN-6 RADIO COMPASS WHICH PROVIDES AN ACCURATE MEANS OF TUNING SET ELECTRICALLY. OPERATES FROM 24 VDC. WITH 2/26A7 TUBES AND 1/12SN7 TUBE. SIZE: 5x6x4 1/2; WT: 6 LBS. PRICE: RE-NEW \$8.95

C-149 A/ARN-6 CONTROL BOX BOX CONTAINS THE FOLLOWING CONTROLS. OFF-COMP.-ANT.-LOOP; FUNCTION SWITCH, TUNING METER, LOOP L-R SWITCH, LIGHT CONTROL, DIAL BAND SWITCH, CONTROL SWITCH, TUNING CRANK, AUDIO CONTROL, CW- VOICE SWITCH. \$8.95

RECEIVER-TRANSMITTER

RT-178/ARC-27 RECEIVER-TRANSMITTER, AM 225 TO 399.9 MC ON 1750 CHANNELS 100 KC. APART ALSO A SEPARATE GUARD CHANNEL RECEIVER FOR OPERATION IN THE 238 TO 248 MC. BAND. REC/TRANS. CAN BE PRE-SET ON ANY 18 CHANNELS IN THE RANGE BY PROPER SELECTION OF CRYSTALS (CR-23)

THE SET HAS PLUG-IN TYPE SUBASSEMBLIES CONSISTING OF GUARD REC, SPECTRUM AMPL, R.F. POWER AMPL, BIAS RELAY ASSY, MECH. DRIVE ASSY, MODULATOR, SPECTRUM OSCILL, MAIN REC. ASSY, I.F. AND AUDIO, 20-30 MC I.F. AMP. WITH CRYSTAL SEC. DYNAMOTOR AND BLOWER. POWER REQ. 27.5MDC 25 A UNIT COMES WITH 56 TUBES AND IS USED SERVICEABLE. SIZE: 27 1/2 x 11 1/2 x 12 1/2; WT: 85 LBS. \$75.00

GUARD RECEIVER AS USED IN RT-178/ARC-27, COVERS FREQ. OF 238 TO 248 MC. SINGLE CHANNEL WITH AUDIO OUTPUT IS COUPLED TO THE MAIN SET, DUAL CONVERSION 19.4 MC 1ST I.F. 3.45 FINAL I.F. WITH R.F. GAIN CONT. AND SQUELCH CIR. WITH TUBES 5/12AT7, 1/6AK5, 1/6AG5, 2/6BA6 & 2/6AL5. SIZE: 8 1/4 x 4 x 4; WT: 4 LBS. P/T# 504-9780-005 PRICE: USED \$7.95 STK#5821-505-3684

20-30 MC I.F. AMPLIFIER WITH CRYSTAL MOUNTING AND SELECTION SWITCH. THE CRYSTAL MOUNTING IS FOR 10 CR-23/U CRYSTAL HOLDERS, THE CRYSTAL SWITCH IS OPERATED IN CONJUNCTION WITH THE SLUG TUNED COILS AND A SCREWDRIVER IS USED FOR THIS PURPOSE. WITH TUBES 6/6AG5 AND 12AT7. #5821-505-3236 SIZE: 7 1/2 x 4 x 3 1/2; 4 LBS. USED \$6.95

I.F. AND AUDIO AMPLIFIER AS USED IN ARC-27. THE 5.7-4.8 MC I-F AMP. FOR THE RECEIVER AND TRANSMITTER ARE TWO SEPARATE SECTIONS WITH 3.45 MC I.F. TO THE DETECTOR AND AVC GATE ALSO SQUELCH/AUDIO AND AUDIO AMP. SECTIONS. WITH TUBES 7/6BA6, 6/12AT7, 1/6AQ5 AND 2/6AL5. SIZE: 8 1/2 x 5 1/2 x 4; WT: 5 LBS. P/T#505-0317-036 PRICE: USED \$8.95

POWER AMPLIFIER FOR ARC-27 USING 2C39A OUTPUT TUBE DRIVEN BY A 2C39A WHICH IN TURN IS DRIVEN BY A 2043. THE LATTER IS DRIVEN BY THE OUTPUT OF THE TRANS. PRE-AMPL. WHICH IS NOT PART OF THIS SUB-ASSY. WITH 2/2C39A AND 1/2C43 TUBES. STK#5821-553-4602 USED \$14.95 EACH OF THE ABOVE ARC-27 ARE PLUG-IN TYPES MATCHING CONNECTORS TO FIT ARC-27 PLUG-IN SUB-ASSEMBLIES ARE AVAILABLE AT \$1.00 EACH SCHEMATICS FOR ARC-27 SUB-ASSEMBLIES \$1 "

RADIO COMPASS

RA 101A/ARN-6 RADIO COMPASS WITH A FREQUENCY RANGE OF 100-1750 KC IN FOUR BANDS. COMPLETE WITH TUBES 6/12SK7; 4/12SX7; 1/12SY7; 1/12SN7; 2/26A7; 2/2050. OPERATES FROM 26.5VDC. WT. 35LBS. SIZE: 11 1/2 x 7 1/2 x 15 1/2 PRICE: \$39.50

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS. OPERATES FROM 26 VOLTS 400 CYC. SIZE: 10x11x5 WT. 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95 MANUAL FOR RA 101A/ARN-6.....\$5.00

ID-91 B/ARN-6 INDICATOR 0-360 DEG. 3 1/2" DIA. INDICATOR FOR ARN-6 RADIO COMPASS SYSTEM \$8.95

C-149 A/ARN-6 CONTROL BOX BOX CONTAINS THE FOLLOWING CONTROLS. OFF-COMP.-ANT.-LOOP; FUNCTION SWITCH, TUNING METER, LOOP L-R SWITCH, LIGHT CONTROL, DIAL BAND SWITCH, CONTROL SWITCH, TUNING CRANK, AUDIO CONTROL, CW- VOICE SWITCH. \$8.95

U.H.F. RECEIVER



R-48/TRC-8 RECEIVER F.M. 230 TO 250 MC. ONE BAND VARIABLE TUNING, VOLTAGE REQUIRED 115/230 60 CYC. WITH SPEAKER, PHONE JACK, SQUELCH CIRCUIT 2 1/2" METER FOR CIRCUIT CHECKING. WITH TUBES 8/6AG7, 1/9002, 1/5U4, 1/6V6, 1/VR-150, 1/6N7, 1/6SN7, 1/6AL7. SIZE: 20x19x16; WT: 75 LBS. USED \$34.95

FM TRANSMITTER 70-100 MC



T-14/TRC-1 TRANSMITTER F.M. 70 TO 100 MC 40 W. 115/230 V 60 CYCLE INPUT. WITH TUBES 1/829, 4/6V6, 1/6SL7, 1/6SN7, 2/6AC7, 1/816 & 5R4. PHASE SHIFT MODULATION -30 KC., 2 1/2" METER FOR MEASURING THE VOLTAGES OF THE DIFFERENT STAGES

CRYSTAL CONTROL ON ONE CHANNEL IN THE RANGE. SIZE: 16 1/2 x 10 x 12; WT: SHPG. 100 LBS.

PRICE: USED, REPARABLE, \$39.95

AM-8/TRA-1 POWER AMPLIFIER, LISTED BELOW CAN BE USED TO BOOST THE POWER OF THE T-14

70 TO 100 MHZ RECEIVER

R-19/TRC-1 RECEIVER; 70 TO 100 MHZ FM IN 300 CHANNELS. 1ST IF VARIABLE FROM 32.5 TO 47.5 MHZ; 2ND FIXED 5 MHZ. OUTPUT IMPEDANCE: 6 OHMS. WITH TUBES 7/6SH7, 3/6AC7, 2/6H6, 2/6X5, 6SN7, 6SL7, AND 6X5. POWER REQUIRED: 115 VAC 50/60 HZ. SIZE: 8x12 1/2 x 19 1/2 SHPG. WT: 50 LBS.



PRICE: USED, LESS CRYSTALS, \$29.50

POWER AMPLIFIER



AM-8/TRA-1 POWER AMPLIFIER FOR 70-100 MC F.M. 200 WATT WITH A RF INPUT OF 25 WATT (APPROX.) IMPEDANCE 70 OHM USES 2/4E27 TUBES IN CLASS "C" PUSH-PULL TUNED PLATE CIRCUIT AND 3/0D3 V.R TUBE THE FILAMENT TRANSFORMER 5 V.C.T. 15 A. IS SUPPLIED

IN THE UNIT, -100 VDC, 450 VDC @ 40 MA AND 2000 VDC 250 MA ARE ALSO REQUIRED BUT ARE NOT IN THE UNIT. A 115 V. 60 CYCLE BLOWER IS ALSO IN THE EQUIP. VAR. CAP. DUAL 5-50 & 7-35 MMF SIZE: 16x10 1/2 x 12; WT: 55 LBS. IN CHEST 100 LBS PRICE: LESS 4E27 TUBES, U \$18.50 RE-NEW \$24.50 WITH TWO (2) 4E27 TUBES \$10.00 EXTRA

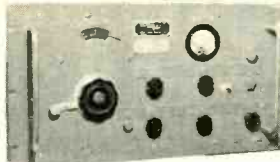
450 TO 470 MHZ



RCA TYPE CMU-15B CARPHONE RECEIVER-TRANSMITTER, FM 450-470 MHZ RANGE. SINGLE-CHANNEL CRYSTAL-CONTROLLED UNIT WAS ORIGINALLY DESIGNED FOR MOBILE USE, OPERATING FROM EITHER SIX OR TWELVE VOLT SOURCE DEPENDING ON THE POSITION OF THE INCLUDED VIBRATOR. THE RECEIVER SECTION'S LOW IF IS 455 KHZ AND A HIGH IF OF 15.145 MHZ. SQUELCH RANGE IS 0.2 U-VOLT TO 0.7 U-VOLT. AUDIO OUTPUT: 1 WATT; OUTPUT IMPEDANCE: 4 OHMS (SPEAKER), 600 OHMS (LINE). INPUT IMPED: 50 OHMS. THE TRANSMITTER SECTION HAS A 15 WATTS MIN. RF OUTPUT, CRYSTAL FREQ. RANGE 12.501 TO 13.054 MHZ. (x36). FREQUENCY SWING FOR 100% MODULATION AT 1000 HZ IS 15 KHZ. AUDIO INPUT IMPED: 100 OHMS. THE POWER SUPPLY PROVIDES THE FOLLOWING VOLTAGES: 285V. @ 280 MA, 270-285V. @ 95 MA, 270V @ 20 MA, 170-285V. @ 15 MA (TRANS.). AND 215V @ 4 AND 53 MA (REC.). WITH TUBES 2/5894, 6360, 5763, 6/6BH6, 6AK6, 2/6AN4, 2/6CB6, 6AL5, 5/12AT7, 3/12AX7, 6AB4

SIZE: 15x6 1/2 x 18 SHPG. WT: 60 LBS. PRICE: USED, COMPLETE WITH CABLES AND CONTROL HEAD \$65.00 LESS COVER \$55.00

VHF RECEIVER



BC-639 RECEIVER AM 100 TO 156 MC CONTINUOUS TUNING OVER THE ENTIRE RANGE. CONTROLS FOR CW, TONE, AVC-MANUAL, R.F. AUDIO GAIN, ATTENUATION, SENSITIVITY ETC. TUNING METER, PHONE JACKS ETC. WITH TUBES 1/6SC7, 1/6K6, 4/6SG7, 1/9002 & 3/9003.

SEPARATE RA-42 POWER SUPPLY THAT SUPPLIES ALL THE REQUIRED VOLTAGES AND OPERATES FROM 115/230 VOLT 60 CYC. BOTH UNITS ARE DESIGNED FOR 19" RACK MOUNTING. REC. 10 1/2" HIGH, P.S. 7" H. SHPG. WT: 75 LBS. PRICE: USED SERVICEABLE \$60.00 CHECKED \$75.00

U.H.F. RECEIVER



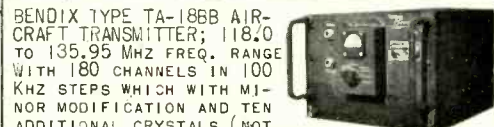
R-278 RECEIVER 225-399.9 MC, AM, CRYSTAL FREQ. CONTROL 1750 CHANNELS 0.1 MC INTERVALS, 10 PRESET CHANNELS, AUDIO FREQ. RESPONSE WIDE 200 TO 20,000 CYCLES NARROW 200 TO 5000 CYCLES AVC, SQUELCH, AIR COOLED, POWER REQ. 115/230 V. 50-60 CYCLE. UNITIZED CHASSIS, RACK MTG. SIZE: 19x12 1/2 x 20; WT: 115 LBS. USED SERVICEABLE

PRICE: R-278 WITH FORTY-FOUR TUBES, LESS GUARD CHANNEL USED \$125.00



RT-18/ARC-1 TRANSMITTER & RECEIVER AM, 100 TO 156 MC 30 WATT CW AND PHONE, CRYSTAL CONTROL. VOLTAGE REQUIRE 360 VDC @ 135 MA AND 24 VDC WITH TUBES 18/6AK5, 2/6C4, 2/6V6, 2/6J6, 2/12A6, 1/6SL7 AND 2/832. SIZE: 10 1/2 x 8 x 20; WT: 45 LBS.

PRICE: 20 CHANNEL \$60 DY-9 DYNAMOTOR 26VDC \$10/DY-10 13/26 USED \$15



BENDIX TYPE TA-186B AIRCRAFT TRANSMITTER; 118.0 TO 135.95 MHZ FREQ. RANGE WITH 180 CHANNELS IN 100 KHZ STEPS WHICH WITH MINOR MODIFICATION AND TEN ADDITIONAL CRYSTALS (NOT AVAILABLE) CAN BE INCREASED TO 360 CHANNELS IN 50 KHZ STEPS. DESIGNED FOR .005 PERCENT FREQUENCY STABILITY. DELIVERS 35 WATTS RF OUTPUT INTO 52 OHMS. AMPLITUDE MODULATION IS LINEAR FROM 10 TO 90 PERCENT MODULATION. METER AND SWITCH ON FRONT ALLOWS CHECKING OF LF OSCILLATOR GRID, HF OSCIL. GRID, DOUBLER GRID, DOUBLER CATHODE, TRIPLER GRID, TRIPLER CATHODE, PA GRID, PA CATHODE AND MODULATOR CATHODE. WITH TUBES VR150, 5/5654, 4/2E26 AND 2/8298. 27.5 VDC DYNAMOTOR INCLUDED. SIZE: 10 1/2 x 7 1/2 x 24 1/2 WT: 49 LBS. USED \$59.50

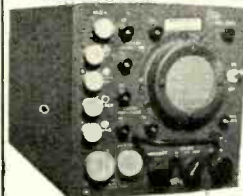
TRANSCEIVER



BC-645/ABA-1 TRANSCEIVER TRANSDOPER USED FOR FRIEND OR FOE IDENT. IN THE 460 TO 490 MHZ BAND. COMPLETE WITH TUBES 4/7F7, 4/7H7, 2/7E6, 2/6F6, 2/955 & 1/316. SIZE: 11x6 1/2 x 14; WT: 20 LBS.

SOLD ONLY COMPLETE WITH DYNAMOTOR, CONTROL BOX MOUNTINGS, UHF ANTENNA, PLUGS ETC. NEW \$29.95

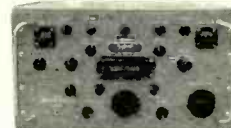
RANGE RADAR INDICATOR



1D-169/APN-12 INDICATOR OSCILLOSCOPE; USED TO DETERMINE RANGE OF RADAR NAVIGATIONAL BEACON EQUIPMENT WHEN USED WITH RADAR REC-TRANS UNITS FOR WHICH IT WAS DESIGNED. HAS VERTICAL, FOCUS, SWEEP, INTENSITY CONTROLS ON FRONT PANEL.

MOTORIZED COAXIAL SWITCHING UNIT FOR ANTENNAS WITH TUBES 1/3BP1, 2/6H6, 2/6SN7, 1/6G6, 1/6X5, 1/2X2. POWER REQUIRED 115 VOLT 400 CYCLE AND 24 VOLTS DC. (TRANSFORMER OUTPUT VOLTAGE APPROX. 425 VOLTS.) SCHEMATIC ONLY \$1 SIZE: 10x8x22; WT: 30 LBS. GOVT RE-COND \$14.95

R-390A/URR RECEIVER



R-390A/URR RECEIVER, TRIPLE CONVERSION SET COVERING 0.5 TO 32 MHZ READ DIRECTLY FROM COUNTER-TYPE INDICATOR. 1ST IF VARIABLE 17.5 TO 25 MHZ; 2ND IF 3 TO 2 MHZ; 3RD IF FIXED 455 KHZ.

RECEIVES CW, MCW AND VOICE; ALSO SINGLE SIDEBAND AND FSK THROUGH USE OF BFO. WITH BUILT-IN CRYSTAL CALIBRATOR EVERY 100 KHZ. OUTPUT IMPEDANCE 600 OHMS; ANTENNA IMPED. 125 OHMS BALANCED. POWER REQUIRED: 115/230 VAC 60 HZ. SIZE: 10 1/2 x 19 x 16 1/2 WT: 90 LBS. PRICE: USED REPARABLE \$450 USED CHECKED \$600 CU-286/FRR-33 ANTENNA COUPLER FOR R-390 RECEIVER; RACKMOUNT. UNUSED \$75.00



R-388/URR RADIO RECEIVER, SUPERHETERODYNE TYPE, 0.5 TO 30.5 MHZ—30 BANDS IN ONE MHZ STEPS. WITH WIDE 6" BAND SCALE, THIS UNIT IS CAPABLE OF BEING TUNED TO ANY AM SIGNAL WITHIN ITS FREQUENCY RANGE IN EITHER MEGACYCLES OR KILOCYCLES. R-388 FEATURES FIVE STEP CRYSTAL SELECTIVITY, A CALIBRATED "S" METER, AND SEPARATE CONTROLS FOR CRYSTAL PHASING, BFO CRYSTAL CALIBRATOR, AVC NOISE LIMITER, AND ANTENNA TUNING. FREQUENCY STABILITY WITHIN 300 CYCLES; AUDIO OUTPUT 1.5 WATTS INTO 4 OR 600 OHMS. POWER REQUIRED: 115/230 V. 60 HZ. SIZE: 12 1/2 x 21 x 13 WT: 50 LBS. PRICE: USED, REPARABLE \$350.00

RECEIVER



BC-229 RECEIVER A.M. T.R.F. 201 TO 398 KHZ AND 2500 TO 4700 KHZ BY USE OF PLUG-IN COILS SUPPLIED WITH THE RECEIVER. WITH TUBES 37, 38, & 4/39. POWER REQUIRED FOR FILAMENTS 12 VOLTS, HIGH VOLTAGE APPROX. 200 TO 250 VOLTS DC @ 80 MA. SIZE: 16x8x7; WT: 15 LBS. PRICE: UNUSED WITH TUBES AND COILS \$9.95 CONNECTOR PLUG (1) REQ. \$1.50 TUNING KNOB \$1. A.C. POWER SUPPLY 115 VOLT 60 HZ WITH SPEAKER CONNECTING CABLE & PLUG. IN METAL CABINET SWITCH, AND PILOT LIGHT. NEW \$21.95

CONTROL TRANS. TELETYPE



C-292/TRA-7 CONTROL TRANSMITTER AND TELETYPEWRITER; WHEN USED IN RADIOTELETYPE SYSTEM IT PROVIDES FACILITIES FOR ESTABLISHING FULL DUPLEX, ONE-WAY REVERSIBLE,

EMERGENCY CW, OR FREQUENCY-SHIFT TRANSMISSION OR RECEPTION. IT IS A REPEATER OF POLAR AND NEUTRAL RTTY SIG. AND CONVERTS POLAR SIG. REC FROM DUAL DEVEYSITY CONVERTER INTO NEUTRAL TO OPER. A REC. TELETYPEWRITER. IT ALSO TRANSLATES NEUTRAL SIG. FROM A SENDING UNIT INTO POLAR SIG. FOR TRANS. OVER A WIRE LINE TO CONTROL A FREQ. SHIFT EXCITER. WITH 16 TUBES. POWER REQUIRED 115 VOLT 60 CYCLE. SIZE: CHASSIS ONLY RACK MTG. 10 1/2 x 19 x 13. 60 LBS PRICES: CHASSIS ONLY RACK MTG. USED \$19.95 WITH CABINET 21 1/2 x 17 1/2 (100LB) \$27.50 " " 19 1/2 x 10 1/2 x 13 (90LB) \$24.75

225 TO 399.9 MHZ



R-353/URD-4 RECEIVER PART OF URD-4 DIRECTION FINDER, 225-399.9 MHZ, AM OR FM, LOCAL OR REMOTE TUNING ON ANY ONE OF 20 PRE-SET FREQ. ANY ONE OF 1750 CHANNELS CAN BE SELECTED MANUALLY, IN TWO BANDS. WITH TUBES 9/6AS6, 3/6F4, 5/5654, 12/5670, 1/5686 & 3/5726. POWER REQUIRED 105 VDC, 200 VDC, 19 VAC & 6.3. SIZE: 21x11x18; WT: SHPG. 150 LBS. PRICE: NEW \$49.50



BD-71 SWITCHBOARD, PORTABLE SIX LINE HAND-RINGING MAGNETO TYPE USING FLASHLIGHT BATTERIES FOR OPERATION. REPEATING COILS ON TWO LINES FOR SIMPLEXING, DROP SIGNAL AND NIGHT CALL BELL. CAN BE USED WITH ANY MAGNETO TYPE TELEPHONES SUCH AS EE-8, RM-29, BD-72, 89, 91, 96, ETC. IDEAL FOR FACTORY, CAMP, FARM OR MOTEL. WITH CHESTSET MICROPHONE AND HEADSET; FOLDING LEGS. 18x12x14 WT: 75 LBS. USED \$14.95

EE-8 FIELD TELEPHONE, PORTABLE HAND-RINGING TYPE. CAN BE USED WITH ANY MAGNETO SWITCHBOARD SYSTEM LIKE BD-71, 72, 89, 91, 96 ETC. OPERATES FROM FLASHLIGHT BATTERIES UP TO 17 MILES. TWO OR MORE PHONES CAN BE OPERATED ON TWO WIRE LINES. WITH CARRYING CASE (MAY BE LEATHER, CANVAS, OR NYLON DEPENDING UPON AVAILABILITY), STRAP AND HANDSET. SIZE: 8x10x3 1/2 SHPG. WT: 18 LBS. PRICE: USED, CHECKED \$16.95



RL-158/PTA-1 REEL ASSEMBLY WITH 500 FEET OF WD-1/TT INFANTRY FIELD WIRE. 6 1/2" DIAMETER WITH 4" LONG SPRING-LOADED CRANK. DETACHABLE AXLE HAS 4" LONG X 1 1/2" DIA. HAND GRIP. WT: 10 LBS. PRICE: UNUSED \$10.00

WD-1/TT INFANTRY FIELD WIRE; TWO CONDUCTOR TWISTED PAIR WITH FOUR TINNED-COPPER AND THREE GALVANIZED STEEL STRANDS PER COND. NYLON JACKET MOISTURE AND FUNGI RESISTENCE. 1250 FOOT ROLL (MAY HAVE GOV'T SPLICES) \$18.00



WD-36/TT WIRE AND DISPENSER; CANADA WIRE AND CABLE COMPANY. TWIN, PARALLEL CONDUCTOR, NO. 23 WIRE WITH PLASTIC INSULATION. 2500 FOOT LENGTH. DISPENSER SIZE: 6 1/2" DIA. X 4". WT. 7 LBS. \$9.95



JB-70 JUNCTION BOX; USED WITH BC-610 TRANSMITTER. FRONT PANEL HAS SWITCHES AND CONTROLS FOR REMOTE USE OF TRANS. HAS AC OUTLETS BOTTOM & SIDE, 4 HEADSET & 2 KEY JACKS, MIC PLUG, 2 WAFER, 4 TOGGLE, LEVER & START/STOP SWITCHES, CIRCUIT BREAKER, CABLES ETC. SIZE 19x13x5 1/2; WT: 40 LBS. PRICE: USED \$9.95



C-115/TC TELEPHONE SET WITH SUBCYCLE RINGER. SUBCYCLE RINGER PUTS-OUT 75 TO 100 V. 7.5 W, 16-2/3 & 20 CYCLE, TELEPHONE SYSTEM HAS PUSH-BUTTONS FOR SELECTION. STANDARD TELEPHONES WITH MATCHING RINGERS CAN BE USED FOR A PRIVATE TELEPHONE SYST. POWER REQ. 115 V. 60 CYCLE. RACK MTG. 19. SIZE: 19x10 1/2x23 1/2; WT: 60 LBS. UNUSED \$29.95 SUB-CYCLE RINGER ONLY \$18.50



C-113/TRC-1 CONTROL UNIT AND INTERCOM SET FOR USE WITH REG TRANS. OR SEPARATE INTERCOM. OPERATES FROM 115 V. 60 CYCLE HAS MIC. AND HEADSET JACKS, BINDING POSTS TO CONN. WIRE, PL-68 PLUG & CABLE, 5 WIRE CABLE, ETC. IN WOOD CASE WITH STORAGE COMPARTMENT. SIZE: 14x9 1/2x12; WT: 25 LBS. USED \$6.95



RC-298 ARMORED TANK INTERPHONE EXTENSION KIT; CONTAINS HEAVY GAUGE WATERPROOF STEEL BOX WITH H-22 HANDSET & COILED CORD, SIGNAL LIGHT, CALL SWITCH, VOLUME CONTROL ETC. REMOTE CALL BOX HAS 2 SW. SIGNAL LITE, CABLE CONN. ETC. CABLE 7 COND. 30 FT. HARDWARE KIT HAS 125 Pcs. OF VARIOUS ITEMS, RUBBER TAPE, EXTRA SW, LENS AND LAMP ETC. SHPG. WT. 78 LBS. PRICE: NEW \$14.95



TA-1/PT TELEPHONE

SOUNDPOWERED TELEPHONE SET WITH AUDIBLE AND VISUAL CALL SYSTEM. PALM OPERATED GENERATOR PUTS OUT APPROX. 100 V. THAT SOUNDS BUZZER IN OTHER PHONE AND ACTUATES VISUAL INDICATOR. COILED CORD WITH PUSH TYPE BINDING POSTS FOR INTERCONNECTING WIRES TO BE FASTENED TO. COMES WITH FIBER CARRING CASE. SIZE: 8 1/2x3 1/2x3 1/2; WT: ACT 2LB USED \$29.50 PAIR 2

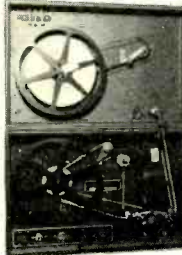


TA-312/PT TELEPHONE SET IS A RUGGED, LIGHTWEIGHT, WATERPROOF FIELD TELEPH. THAT CAN BE USED OUTDOORS ON A DESK OR WALL MOUNTED. HANDCRANK GENERATOR FOR RINGING BUZZER. REQUIRES 2 1/2 V BATT. FOR LOCAL USE NONE REQ. W/CB. UNIT COMES IN A CANVAS CASE & SHOULD-ER STRAP WITH ZIPPER. SIZE: 12x7x4; WT: 10 LBS. USED \$29.50



MULTIPEX

PHILCO CST-2 SIGNALING AND TERMINATION UNIT. FOR USE IN MULTIPLEX SYSTEMS FOR TRANSMISSION OF DIAL OR RINGDOWN SIGNALING AND TERMINATES A FOUR WIRE CIRCUIT OF THE MULTIPLEX INTO A TWO WIRE TELEPHONE CIRCUIT. A 3.5 KC TONE IS USED FOR SIGNALING. ALSO HAS CONTROLS FOR PROPER ATTENUATION OF VOICE LEVEL. OPERATES FROM 115 V. 60 CYC. AND IS COMPLETE WITH 2 1/2AU7 TUBES, RELAYS, RACK MTG. 19x4x12; WT: 25 LBS. PRICE: UNUSED \$9.95



TG-34 KEYSER: CODE PRACTICE SET USED TO REPRODUCE SIGN ALS PREVIOUSLY RECORDED ON INKED PAPER TAPE, VARIABLE SPEED MOTOR, KEYING OSCILLATOR WITH SPEAKER, PHONE & KEY JACKS. POWER REQUIRED 115 V. 50/60 CYCLE. SUPPLIED WITH ONE EMPTY REEL. (PHOTO SHOWS REEL OF TAPE AS ILLUSTRATION ONLY.) COMES IN WOOD PORTABLE CARRING CASE, SIZE 15x10x10; WT: 40 LBS. USED \$24.95; CHKD. \$29.50

CODE PRACTICE TAPES: MADE ESPECIALLY FOR THE TG-34 KEYSER, SAME GROUPINGS AND SPEEDS AS USED BY THE GOV'T. NOT MOUNTED ON METAL REELS. FIFTEEN (15) TAPES TO SET. \$2 EA TAPE

#1 TO 4 COVER DIFFERENT GROUPS WIDE SPACE LETTERS	#9 12WPM CODED/GR
#5 WIDE SPACE NUMBERS & LETTERS	#10 12WPM TACT/MES9
#6 5WPM NUMBERS & LETTERS	#11 12 " " "
#7 7WPM " " "	#12 15 " " "
#8 10 " CODED GROUPS OF 5	#13 15 " " "
	#14 20 " " "
	#15 20 " " "

RM-52 REMOTE CONTROL UNIT (MACY'S PHONE PATCH) USED FOR RE-CONTROL OF RADIO SET, OPERATES FROM 4 FLASHLIGHT BATTERIES. HAS MULTI-TAP TRANSFORMER, MIC, PHONE HIGH/LOW IMPEDANCE & JACKS. BASIC UNIT FOR MAKING MACY'S PATCH. SIZE: 7 1/2x3 1/2x5 1/2; WT: 5 LBS. PRICE: USED \$1.95 NEW \$2.95



RM-53 REMOTE CONTROL UNIT; BASICLY THE SAME AS RM-52 ONLY IT HAS A 3 POSITION SWITCH AND CORDS WITH PL-55 AND PL-68 PLUGS. SIZE: 8 1/2x4 1/2x4 1/2; 6 LBS USED W/PLUGS & CORDS \$2.95 " " " " " 1.95



C-434/GRC CONTROL BOX USED WITH GRC-TYPE EQUIPMENT OVER TWO-WIRE TELEPHONE LINE. HAND-CRANK MAGNETO GENERATOR FUNCTIONS AS A SINGLE PHASE 20 HZ RINGER. AUDIO CONNECTOR ON FRONT FOR USE WITH H-33/PT HANDSET. CONTROLS FOR LOCAL AND REMOTE USE, CALL LIGHT AND ALSO TWO 30" CORDS WITH UG-77 CONNECTORS IN THE REAR COMPARTMENT. INTERNAL SWITCH FOR BELL OR LAMP SIGNAL. WITH TWO SIGMA 80030 AND ONE GAC 21031 OCTAL RELAYS. (SEE PAGES 22 & 23 FOR SPECS.) UNIT USES TWO FLASHLIGHT BATTERIES. 10 1/2x8 1/2x3 1/2; WT: 12LB PRICE: USED \$10.95 LESS RELAYS \$6.95



AUTOMATIC ELECTRIC RELAY ASSEMBLY: 12 A/E TYPE RT-379-A1 RELAYS, 48VDC .1 AMP OPERATING 1D CONTACT ARRANG.

#D-857697 AUTOMATIC LINE FINDER, RACK MOUNTING SIZE: 13 1/2x4 1/2x6 1/2; 12 LBS. PRICE: W/COVER N\$12.95

AUTOMATIC ELECTRIC SWITCH ASSEMBLY, COMBINED HOWLER AND BREAK-DOWN UNIT, 48 VDC, 4 DECK 26 CONTACT STEPPING SWITCH AND 5 RELAYS #D855332A RACK MOUNTING 13 1/2x4 1/2x6 1/2; 13 LBS. PRICE: W/COVER NEW \$10.95



STROWGER LINE FINDER AND RELAY UNIT, USED IN CENTRAL OFFICE DIAL TELEPHONE EXCHANGE. THIS THE HEART OF THE SYSTEM AND IT HAS THE TWO BANKS OF CONTACTS AND WIPER CONTACT ARMS SHPG. WT: 15 LBS. #D580070/4D RE-MOVED \$15

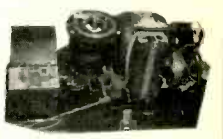


STROWGER LINE FINDER AND RELAYS (8) WITH 2 BANKS OF CONTACTS AND WIPER CONTACT ARMS. SHPG. WT: 20 LBS. D240593 REMOVED \$17

REPEATER DIAL PULSE: TWO WAY OPERATION 8 TO 12 PULSES PER SEC. 2800 OHMS MAX. LOOP RES. SHPG. WT: 10 LBS. #D857917 REMOVED \$9.95

REPEATER #D857917-A, REMOVED, \$9.95

MODEL 14 TELETYPE TRANSMITTER--DISTRIBUTOR SINGLE CHANNEL, GOVERNOR CONTROLLED MOTOR 1/25 HP 2100 RPM, TAPE DISC NO. 77070, 60 WPM, POWER REQ. 115 V. 60 CYCLE. SIZE: 15 1/2x8 1/2x9; WT: 35 LBS. PRICE: USED \$14.95 EA. 2 FOR \$25.00



TELETYPE PERFORATOR TAPE 11/16 WIDE APPROX. 900 FT. PER ROLL. 39" EA. 3 FOR \$1.00

RELAY TEST SET

USED \$16.95 RE-COND. 21.95

1-193 RELAY TEST SET: USED FOR TESTING 255, 255A, D-163119A, D-164 816A POLAR RELAYS ETC. FOR BIAS AND SENSITIVITY. THE ELECTRICAL CHARACTERISTICS ARE DETERMINED BY THE DEFLECTIONS OF THE METER. ALSO CONTAINS CIRCUIT FOR SENDING PULSES FOR TESTING EXTERNAL TELEGRAPH CIRCUITS AND A 10-20 CYCLE OSCILLATOR FOR FOR TESTING AND LINE-UP PURPOSES. OPERATES FROM 115/130 VDC 10 WATTS. (RA-87 RECTIFIER SHOWN ON PAGE 8 OF THIS CATALOG WILL OPERATE THIS EQUIPMENT SHIPPED IN WOOD CHEST 24X12X13; WT: 75 LBS.



TG-30 TELEGRAPH REPEATER TERMINAL FOR TRANSMITTING OR RECEIVING ON A HALF DUPLEX ONE CHANNEL OPERATION. CAN BE USED TO INTERCONNECT NEUTRAL AND POLAR TELEGRAPH OF TELETYPE SYSTEMS ON SIMPLEX OR COMPOSITED RETURN CIRCUITS. SPEEDS 60/66 POWER REQ. 115/230 V. 50/60 CYC. 150 LBS. SHPD. IN WOOD CHEST 25X16X14 USED \$16.95

TG-31/TC-19 SAME AS TG-30/TC-18 EXCEPT THAT UNIT REPEATS IN EITHER DIRECTION BUT NOT BOTH DIRECTIONS AT SAME TIME. \$14.95 USED \$20 NEW

TS-27 LINE TEST SET



TS-27 LINE TEST SET; PORTABLE UNIT USED TO MEASURE CONDUCTOR AND INSULATION RESISTANCE, LOCATE GROUNDS, SHORTS AND CROSSES. ALSO MEASURES CAPACITANCE AND LOCATES OPENS. WORKS AS A MODIFIED WHEATSTONE BRIDGE USING A SLIDE WIRE POTENTIOMETER FOR TWO VARIABLE RESISTANCE ARMS. RES. RANGE: 0 TO 50 OHMS; CAPACITANCE RANGE: .075 TO 3.0 MFD. WITH GALANOMETER NULL METER (SENSITIVITY 1 UA PER DIVISION). CONNECTIONS FOR TELEPHONE, TEST CHARTS AND BRIEF INSTRUCTIONS INCLD. TEST LEADS NOT INCLD. BATTERY POWER REQUIRED: 90 VDC, 1.5 VDC, 4.5 VDC. BATTERIES NOT AVAIL. SIZE: 9x13 1/2x13 WT: 30 LBS. PRICE: USED SERVICEABLE \$49.50

Headsets — Telephone Equipment — Microphones — Handsets



HS-33 HEADSET
NEWLY MANUF.
HEADBAND & 4 1/2 FT.
CORD WITH PL-55
TYPE PLUG. AIR
FORCE GREY. 600
OHM IMPED. WITH

MX-41/AR MEDIUM RUBBER CUSHIONS \$9.95

MC-162 SMALL RUBBER CUSHIONS. \$8.95




HB-7 HEADBAND ONLY
WITH 4 1/2 FT.
CORD AND PL-55
TYPE PLUG. AIR
FORCE GREY.

\$4.00


NX-41/AR MEDIUM SIZE RUBBER CUSHIONS \$1.25

MC-162 SMALL RUBBER CUSHIONS \$1.00



HS-23 HEADSET
NEWLY MANUF. W/4 1/2 FT. CORD & PL-55 TYPE PLUG. AIR FORCE GREY. 2000 OHM IMPED. WITH MX-41/AR MEDIUM SIZE RUBBER CUSHIONS \$8.95

MC-162 SMALL SIZE RUBBER CUSHIONS \$7.95



H-113/U HEADSET
600 OHM
SOFT PLASTIC
EAR CUSHIONS
18" CORD W/
PL-54 PLUG
THAT FITS
JK-26 JACK
(SEE CD-307
EXTENSION
CORD ELSE-
WHERE ON THIS PAGE)
WT: 3LBS. USED-EX \$3.95

H-62 HEADSET SAME AS H-113/U ONLY IN BLACK AND HAS PROVISIONS FOR SNAPPING ON LIP MICROPHONE CW-51071 LISTED BELOW. USED-EX. \$3.95

CW-51071 LIP MICROPHONE
100 OHMS IMPEDANCE W/ 2 SNAPS FOR FASTENING TO H-62 HEADSET, 14" CORD W/ PL-291 PLUG INTO EXTENSION CORD CD-318 LISTED ON THIS PAGE OR CW-49561 EXTENSION CORD LISTED BELOW USED \$1.00




H-63/U HEADSET
600 OHM
BOOM MIC
100 OHM
14" CORD
WITH
PLUGS.
\$4.95
USED
MIC. OR
PHONE
ELEMENTS
ONLY, \$1 EA.

T-24-S MICROPHONE HAND HELD
BRASS CARBON MIC. W/50 OHM ELEMENT, PUSH TO TALK SWITCH, 5 1/2 FT. STRAIGHT CORD W/PL-68 PLUG. WT: 1 LB. PRICE: UNUSED \$3.95

PATCH CORD WITH PJ-1 DOUBLE PLUGS, 2 FT LG #2910 NEW \$2.95

DOUBLE PLUS D178452 F/HEADSET SIMILAR 289 298. #3850 NEW \$1.50


SWITCHBOARD CORD 4 1/2 W/PL-47 #BD-96 \$1.00



SECIFY OHMS YOU WANT 40 1250

TELEX HEADSET \$3.95 UNUSED

D.C. OHMS GRAY PLASTIC BAND OVER METAL FRAME, RUBBER CUSHIONS, NO PLUG ON CORD. ELEMENTS ONLY FOR 1250 OHM 50¢



HS-30 HEADSET
250 OHM
IMPEDANCE
HEARING
AID TYPE
LIGHT
WEIGHT
HEADBAND

7 FOOT CORD WITH PL-55 PLUG (CD-605). USED \$2.75 EA.



DYNAMIC HEADPHONES
50 OHMS IMP. MOVING COIL TYPE, HIGH QUALITY REPRODUCTION, CHAMOIS CUSHIONS AND "Y" CORD WITH PHONE PLUG. #ZA/CAN1638 UNUSED \$4.95




T-17 MICROPHONE
CARBON 35 TO 90 OHMS WITH PUSH TO TALK SWITCH 5 FT. CORD WITH PL-68 PLUG THREE CIRCUIT. WT: 1LE
PRICES:
USED \$5.95

RE-CONDITIONED \$7.50

JK-38 PHONE JACK FOR
INLINE USE, TAKES TWO PL-55 PHONE PLUGS \$1


PUSH BUTTON SWITCHES FOR HANDSETS THAT USE BUTTERFLY TYPES. DIRECT REPLACEMENT. #5930-327-7308 \$1.25



TALK SWITCH, 5 1/2 FT. STRAIGHT CORD W/PL-68 PLUG. WT: 1 LB. PRICE: UNUSED \$3.95

DOUBLE PLUS D178452 F/HEADSET SIMILAR 289 298. #3850 NEW \$1.50

SWITCHBOARD CORD 4 1/2 W/PL-47 #BD-96 \$1.00



RS-38 MICROPHONE
100 OHM CARBON PRESS TO TALK SWITCH ON TOP 5 FT. CORD WITH PL-68 PLUG. UNUSED W/COILED CORD 12"-36" \$7.95 21"-58" \$8.95

HS-16 HEADSET, "IMPEDANCE" 520 OHMS @ 800 CYC, 6 FT COTTON COVERED "Y" CORD WITH METAL TIPS. NEW \$3.95

TS-9 HANDSET WITH PUSH TO TALK SWITCH (NOT BUTTERFLY) WITH 3 COND. CORD 4' AND TERMINAL LUGS. NEW COND. \$4.95

TS-11 HANDSET; 4 COND-CORD, 5 1/2", CARBON MIC 50 OHM, PHONE 3500 OHM, W/PL-106 PLUG. NEW \$4.95



T-45 LIP MIC




CD-494 "Y" CORD FOR HANDSETS, HAVE PL-68, PL-55 ON EACH LEG. 5' LG. UNUSED \$2.95


CD-78 HEADSET "Y" CORD 7' LG. RUBBER COVER NO PLUGS, TERM. \$1.50



T-30 THROAT MIC.
Elements only \$1.50 a dozen



A-202 TELEGRAPH KEY ONLY, WITH ADJUSTABLE CONTACTS. SIZE: 4 1/2 x 1 1/2 x 1 1/2; PRICE: \$1.25 EA THIS IS THE KEY USED TO MAKE THE TWIN PADDLE KEY DESCRIBED IN CST ARTICLE OF FEB. 1973. THREE A-202 KEYS ARE REQUIRED, PLUS 3 BINDING POSTS AND BASE. ALSO SMALL HARDWARE & FINDINGS. IMA, OH 45804




TWIN PADDLE KEY MADE FROM A-202 BY R.N. MASON W8NN 551 TURNER IMA, OH 45804



RS-83 100 OHM CARBON MICROPHONE W/ DETACHABLE CORD 4 1/2' & SW. \$1.95 UN-USED

SOUND POWERED HANDSET WITH COILED CORD 1-4' BROOK-TEL BTU-T New \$10.95

T-45 MICROPHONE
CARBON TYPE 1000HM 50DB BELOW 1 MILLI-VOLT, FLAT RESPONDS WITH PL-291 2 CONT MALE PLUG, 11" CORD
NEW \$2.00



CD-307 CORD EXTENSION FOR CORDS WITH PL-54 PLUG AS USED ON HEADSETS, 65" LG WITH JK-26 JACK & PL-55 PLUG. USED \$1.00

T-30 MICROPHONE
CARBON TYPE, 75 OHM 50DB BELOW 1 MILLI-VOLT, FLAT RESPONDS WITH PL-291 2 CONT MALE PLUG, 11" CORD
PRICE: USED 3/\$1 UNUSED \$1.50

PL-55 RECEPTACLE WITH PL-55 PLUG ON END 3 FT. CORD #R16-G34820 NEW \$1.00

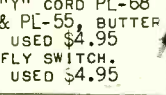


MICROPHONE BUTTON CARBON 50 OHM WILL REPLACE F-1 ELEMENTS. #K-53-0654 \$1.00



CALL COMMANDER SWITCHBOARD NE-860 AS RE-MOVED FROM SERVICE. 12 LINES \$40.00 18 " \$50.00 5 LINE KEY BAR ONLY \$ 8.00

PRINCESS TELEPHONE, BEIGE OR WHITE, NO RINGERS, AS REMOVED FROM SERVICE \$12.



TS-13 HANDSET CARBON MIC. 50 OHM, PHONE ELEMENT 3500, "Y" CORD PL-68 & PL-55, BUTTER USED \$4.95 FLY SWITCH. USED \$4.95

SV-37 SOUNDER REPEATER
150 OHM COIL, BRASS BINDING POSTS, KNURLED ADJ. ON 4x8 CAST BASE REPEATS 20 MORSE DOTS PER SEC. ON CURRENT OF 5 MA. #4A2037 4 LBS. \$12.95

CD-318 EXTENSION CORD WITH PL-291 2 CONTACT FEMALE PLUG TO FIT T-45 & T-30 MICS. SW-141 SWITCH & PL-68 MIC PLUG ON 7 FT. CORD USED \$1.00

PL-68 MIC PLUG 30" CORD 75¢

JK-33 JACK TO FIT PL-68 MIC. PLUG. USED 5 FOR \$1.00

CD-604 CORD WITH IMPEDANCE MATCHING TRANSFORMER 500OHM TO 4000, USED WITH HS-30 HEADSET, 6" CORD & PL-54 PLUG. NEW 50¢ USED 25¢

CD-605 CORD SAME AS CD-604 ONLY 30" LG. WITH PL-55 PLG USED \$1.00

PL-55 PHONE PLUG 30" CORD 75¢

JK-34 PHONE JACK TO FIT PL-55 PLUG. USED 5 FOR \$1.00



HB-1 \$1.00 HEADBAND FOR 1 1/2" ELEMENTS WITH 8000 OHM ELEMENTS & COIL \$2.95



DESK SET (AE) WITH DIAL, 6 BUTTON 5 LINE 1 HOLD, WITH CORD, CABLE & PLUG, AS RE-MOVED FROM SERVICE \$12.


DESK SET (SC) WITH DIAL, SIMILAR TO AE. SC#1543 RE-MOVED F/SERVICE \$8.

AMPLIFIED HANDSET WITH VOLUME CONTROL J11 \$12

WE F-1A 20 CYCLE CHIME RINGER RE-MOVED. SER \$6


STANDARD TYPE TELEPHONE BUTTONS U-1 OR T-1 \$1

ALL TELEPHONE LISTED ABOVE FOR 20 CYCLE RINGING



HALLCRAFTER'S #085-000246 MICROPHONE, MAGNETIC CONTROL TYPE WITH STERILIZED PRE-AMP. 7 FOOT COILED CORD, THREE WIRES AND SHIELD. NEW \$9.95

MODEL CL-1 TRANSCOM MICROPHONE; HIGH IMPEDANCE DYNAMIC TYPE. PUSH-TO-TALK. COILED CORD STRETCHES TO 7 FEET. FOUR WIRES. BEIGE COLOR. NEW \$7.95



M-29/U MICROPHONE; 40 TO 100 OHM IMPEDANCE. 300 TO 4000 HZ FREQ. WITH 72" CORD AND UG-77 PLUG. PUSH-TO-TALK. USED \$3.95 UNUSED: \$2.95

M-52/U, SAME AS M-29 EXCEPT WITH PL-68 PLUG.

SA-148B/GSA-6 HAND SWITCHBOX. "RADIC" SW. MAKES 2, BREAKS 2; "HOLD-ON" SW. RELEASES; "LOCK-ON" SWITCH. WITH 7 FT. STRAP. SIZE: 4 1/2 x 2 1/2 x 1 1/2; WT: 2 LBS. PRICE: USED \$1.50

COILED CORD SET

COILED CORD SETS

THREE CONDUCTOR
24" to 72" 75¢
12" to 36" 50¢

FOUR CONDUCTOR
12" to 36" \$1.00

ONE CONDUCTOR
#18 6 FT.-18 FT. \$1.00

MC-385 HIGH TO LOW ADAPTER

IMPEDANCE FOR HEADSET 4000-6000 OHM USED \$.50 NEW \$.75



STANDARD TYPE TELEPHONE HANDSET AND CORD. USED..\$2.50

STANDARD TELEPHONE DIAL USED \$1.50



HANDSET HOLDER FOR HORIZONTAL MOUNTING, SIZE 1 1/2 x 3 1/2 #6988 \$.50

TELEPHONE BELL FOR MAGNETO GENERATORS. 1 1/2 x 3 # MC-131 USED \$3




TELEPHONE BELL FOR MAGNETO GENERATORS. 1 1/2 x 3 # MC-131 USED \$3



TELEPHONE BELLS USE AS EXTENSION BELL IN SHOP ETC. 2 LB. 4x4x1 1/2 #43661A \$1.50


TRAILER LIGHTS BALANCING LOAD ASSY. USED FOR TAIL AND STOP LIGHTS. CONTAINS RESISTORS 1.1 40 WATT, 1.5 40 WATT, .6 & .8 OHM 70WATT SIZE 7x2x4; 3 LBS. WOPAR#B7015812 \$1.50




BUZZER 24/28 VOLTS D.C. IN SEALED CAN. TWO HOLE MTG. SIZE: 3x2x1 1/2; WT: 1 LB. #MH-12079 \$.75




TS-446 R.F. NEON INDICATOR IN LUCITE PROBE, NE-2 BULB SIZE: 4 1/2 x 3/8 w/CLIP \$1.00




GEARED MOTOR & POTENTIOMETER CONTROL. EASTERN AIR MOTOR J33D-24. 120 V. 400CY 1/50 H.P. CONNECTED TO GEARED ASSY TERMINATING TO SPLINED SHAFT RECEPTACLE, SMALL TYPE, THAT TURNS 45 RPM, ALSO GEARED TO TRIPLE GANG ED POTS. THAT TURN 1/5 RPM WITH INDICATOR, 2 POTS 1K OHM 1/200K. SIZE: 5 1/2 x 3 1/2 RD. WT: 3 LB. #7608155 REM \$3.




CRY BUTTONS REFLECTORS, CAN BE USED TO MAKE SIGNS OR MARKERS. SHINE WHEN EIGHT STRIKES 2" DIA. REQUIRES #10 NUT FOR MTG. NC#15-1. CARD OF 100 \$2.00



MAGNETIC AMPLIFIER SENSING UNIT; THIS UNIT HAS 8 TERMINALS AND WAS MFG. BY MAGNETIC AMPLIFIERS INC. THE SPECS. WE DO NOT HAVE AVAILABLE. SIZE: 2x2x4; WT: 1 LB. #AC#60079.16 UNUSED \$1.50



TELEREGISTER READOUT IMPLUSE COUNTER RACKET TYPE NUMBERED 1-2-3-4-5-6-7-8-9-0. OPERATES FROM 12 VOLT DC NORN SIZE 3/8x1, MASK SIZE 1-3/8x1-7/8 LENGTH 4" WT: 1/2 LB. #TELEREGISTER K-1 PRICE: 79¢ EA. 2 FOR \$1.50



BRUSH SETS

BD-77 PE-73 DY-17 \$3.00 PER SET

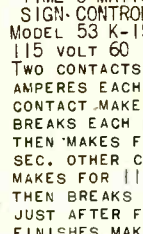


DM-21	DM-25	DM-28	DM-32
DM-33	DM-34	DM-35	DM-36
DM-37	DM-40	DM-41	DM-42
DM-43	DM-45	DM-53	DM-64
BD-83	BD-93	BD-99	BD-69

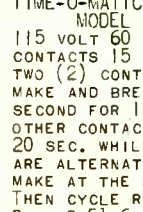
DA-1A DA-12 DA-14 DA-1F
DY-21 DY-22 SP-125

OTHER TYPES ALSO AVAILABLE SET OF FOUR BRUSHES \$1.00


TIME-O-MATIC SIGN CONTROL MODEL 53 K-156 115 VOLT 60 CYC. TWO CONTACTS 15 AMPERES EACH, ONE CONTACT MAKES & BREAKS EACH SEC. THEN MAKES FOR 7 SEC. OTHER CONTACT MAKES FOR 11 SECONDS THEN BREAKS FOR 3 SECONDS JUST AFTER FIRST CONTACT FINISHES MAKING & BREAKING SIZE: 2x4 1/2 x 6; 3 LB. \$2.95



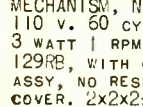
TIME-O-MATIC SIGN CONTROL MODEL 53 K-155 115 VOLT 60 CYCLE, THREE CONTACTS 15 AMPERES EACH, TWO (2) CONTACTS ALTERNATE MAKE AND BREAK ONCE PER SECOND FOR 15 SECONDS, OTHER CONTACT BREAKS FOR 20 SEC. WHILE THE OTHER 2 ARE ALTERNATING THEN ALL 3 MAKE AT THE SAME TIME. THEN CYCLE REPEATS AGAIN. SIZE: 3x5 1/2 x 6; 3 1/2 LBS. \$4.95



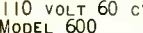
SYNCHRON CLOCK MECHANISM, No. 610 110 V. 60 CYC. 3 WATT 1 RPM MOTOR #143RA WITH GEAR ASSY WITH RESET. ALSO DUST COVER. SIZE: 3x3 1/2 x 2; 1 LB. #33-18-C1 \$1.75



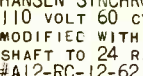
SYNCHRON CLOCK MECHANISM, No. 610 110 V. 60 CYCLE 3 WATT 1 RPM #EC-129RB, WITH GEAR ASSY, NO RESET OR COVER. 2x2x2 1/2; 4oz. \$1.35



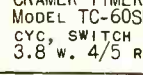
HANSEN SYNCHRON CLOCK MOTOR 110 VOLT 60 CYCLE ONE R.P.M. MODEL 600 \$1.50



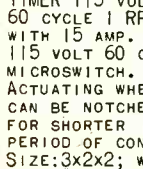
HANSEN SYNCHRON CLOCK MOTOR 110 VOLT 60 CYCLE 10 R.P.H. MODIFIED WITH SLEEVE OVER SHAFT TO 24 R.P.H. #A12-RC-12-62 \$1.50




CRAMER TIMER SWITCH ASSY. MODEL TC-60SEC, 230 V 60 CYC. SWITCH 5 AMP. CONT. 3.8 W. 4/5 RPM MOTOR. \$1.95




TIMER 115 VOLT 60 CYCLE 1 RPM WITH 15 AMP. 115 VOLT 60 CY MICROSWITCH. ACTUATING WHEEL CAN BE NOTCHED FOR SHORTER PERIOD OF CONTACT. SIZE: 3x2x2; WT: 3 OZ. HAGAN#04465 RE-MOVED \$2.95



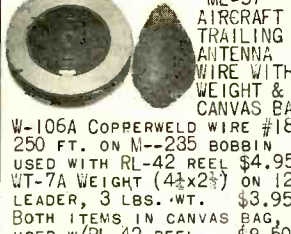
TIMER SPRING WOUND 360 DEGREES ONE HOUR, CAN BE TURNED ANY DEGREE & BELL WILL RING WHEN SPRING IS UN WOUND. SLOTTED & FLATENED SHAFT FOR KNOB. LUX#230 SIZE: 2 1/2 x 1 1/2; WT. 4 OZ. \$1.00



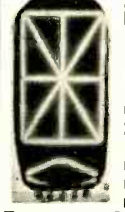
AS-207/CRT-3 ASSY WITH 300 FOOT OF 16 STRAND BRAIDED CADMIUM ALLOY COPPER WIRE ON RL-48 REEL WITH CRANK MOUNTED TO ALUMINUM DOOR WITH ADJUST. ABLE BRAKE AND SNAP SWIVEL USED AS ANTENNA FOR GIBSON GIRL TRANSMITTERS, WIRE IS ATTACHED TO BALOON OR KITE WHICH IS NOT SUPPLIED. SIZE: 4x2; 2 LBS. \$5.95




ME-57 AIRCRAFT TRAILING ANTENNA WIRE WITH WEIGHT & CANVAS BAG W-106A COPPERWELD WIRE #18 250 FT. ON M--235 BOBBIN USED WITH RL-42 REEL \$4.95 WT-7A WEIGHT (4 1/2 x 2 1/2) ON 12" LEADER, 3 LBS. WT. \$3.95 BOTH ITEMS IN CANVAS BAG, USED W/RL-42 REEL \$8.50




ALPHA-NUMERIC NIXIE TUBE 16 SEGMENT NIXIE CREATES ALPHABET AND NUMBERS 0-9 IN A SINGLE TUBE CHARACTERS ARE 2 1/2" TALL AND MAKE UNUSUAL DISPLAY EFFECTS, 170 VOLT REQUIRED. W/INST RUCTION CHART. TUBE SIZE 2x4 1/2; \$7.97 PRICE: \$2.95 EA. 2/\$5.00 SOCKETS 75¢ EA. 2/\$1.25 SOCKETS NOT SOLD SEPARATELY CHARTS ONLY 50¢ EA.




VERNIER SET ATC TIMER WITH 15 MIN. TIMING PERIOD. SYNCHRONOUS MOTOR OPERATES FROM 230V 60 CYC AND HAS SPDT CONTACTS FOR CONTROL OF INDUSTRIAL EQUIPMENT. SIZE 6 1/2 x 5 1/2 x 3 1/2; WT. 5 LBS. PRICE \$9.95 NEW



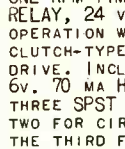
IMMERSION HEATER 24 VOLT AC/DC 50 W. 2 GALLON, 3" PRESS CAP. 4 1/2" SCREW CONE, 12" HEATING ROD & 5 FT. CORD. WT: 4 LBS. #LFCEA8801 \$2.95



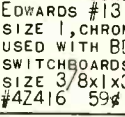
TIMER RELAYS ONE FIFTH RPM TIMER RELAY, 6 VOLT 70 MA WITH HAYDON TIMER AND THREE SPDT MICROSWITCHES ROTATING CONTACT DISCS ARE VARIABLE FROM 0 TO 2 1/2 MINUTES IN CONTACT TIME. 4 1/2 x 3 x 2 1/2; WT: 1 LB. #5945-255-7142 PRICE: NEW \$5.95



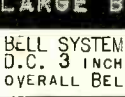
ONE RPM TIMER RELAY, 24 VOLT OPERATION WITH CLUTCH-TYPE DRIVE. INCLUDES 6V. 70 MA HAYDON TIMER AND THREE SPST MICROSWITCHES, TWO FOR CIRCUIT CONTACT, THE THIRD FOR RESET. 5 1/2 x 3 1/2 x 3 1/2; WT: 1 LB. #5635 NEW \$5.95



BELL 1" GONG 3 VDC EDWARDS #13 LUNGEN SIZE 1, CHROME PLATE USED WITH BD-71-72 SWITCHBOARDS. SIZE 3/8x1x3; 2 OZ. #42416 59¢ 2/\$1




LARGE BELL BELL SYSTEM BELL 6 VOLTS D.C. 3 INCH GONG, 2 1/2 x 5 1/2" OVERALL BELL #7-C \$2.35



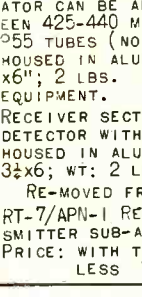
ALLIGATOR CLIP WITH PINCH SPIKE JAWS AND SCREW HOLDER FOR WIRE, 2" LONG 12 FOR \$1.00



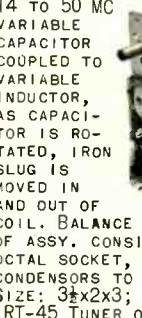
RADIO FREQUENCY SECTIONS TRANSMITTER - RECEIVER 418-462 MC PART OF R/T-7/APN1




TRANSMITTER SECTION OSCILLATOR CAN BE ADJUSTED BETWEEN 425-440 MC. WITH TWO .055 TUBES (NO WOBULATOR) HOUSED IN ALUMINUM CAN 2 1/2 x 3 x 6"; 2 LBS. RE-MOVED FROM EQUIPMENT. RECEIVER SECTION, BALANCED. DETECTOR WITH 2-9004 TUBES. HOUSED IN ALUMINUM CAN 2 1/2 x 3 1/2 x 6"; WT: 2 LBS. RE-MOVED FROM EQUIPMENT RT-7/APN-1 RECEIVER OR TRANSMITTER SUB-ASSEMBLY PRICE: WITH TUBES... \$1.50 LESS " .75



BROADBAND TUNER 14 TO 50 MC VARIABLE CAPACITOR COUPLED TO VARIABLE INDUCTOR, AS CAPACITOR IS ROTATED, IRON SLUG IS MOVED IN AND OUT OF COIL. BALANCE OF ASSY. CONSISTS OF CERAMIC OCTAL SOCKET, RESISTORS AND CONDENSORS TO MAKE RF TUNER. SIZE: 3 1/2 x 2 1/2 x 3; WT: 1 LB. RT-45 TUNER ONLY \$1.95



VARI-GON PHASE SHIFT CAPACITOR V-42. USED FOR ACCURATE MEASUREMENT OF TIME INTERVALS IN RADAR SYSTEMS. CAPACITY OF INPUT PLATE TO HOUSING 4.4 MMF. OUTPUT PLATE 15.6 MMF, CAP. VAR. OF INPUT TO OUTPUT PLATE 1.2 TO 4.9 MMF. SIZE: 2 1/2 x 1; 1 LB. \$2.95



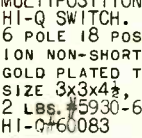
CAPACITY TUNER WITH AUTOTUNE 160 TO 211 MC WITH COND. RESISTORS 2/50-239 1/2C26 TUBE. 7 1/2 x 5 1/2 x 5 7 LBS. WITH TUBE \$2.95



RT-58/ARC-12 CHANNEL SELECTOR AND MOTOR ASSY. 10 POSITION AUTOTUNE MOTOR DRIVEN 26.5 VDC WITH 2 SHAFTS 60 RPM ALSO. RELAYS. 4 1/2 x 6 1/2 x 3 1/2; 5 LB. #596C-1 \$2.95



MULTIPOSITION HI-Q SWITCH. 6 POLE 18 POSITION NON-SHORTING GOLD PLATED TERMINALS. SIZE 3x3x4 1/2, SHAFT 1x1 1/2 2 LBS. #5930-626-6224 HI-Q#60083 \$2.95



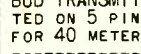
KATE-GYRO No. 8511364 28 VOLTS D.C. GYRO MOTOR WITH POTENTIOMETER. WESTERN ELECTRIC GA-10147-3 SIZE: 2 1/2 x 2 1/2 x 4; WT: 3 LB. \$4.95



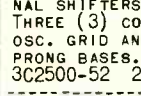
COMMAND RECEIVER COILS

85 KC 1.F.	\$1.50
1415 KC 1.F.	\$.50
2830 KC 1.F.	\$.50
1415 KC OSC.	\$.00
2830 KC OSC.	\$.50
3 TO 6 MC RF	\$.50
6 TO 9 MC RF	\$.50

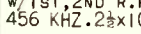
BUD TRANSMITTING COIL MOUNTED ON 5 PIN CERAMIC BASE FOR 40 METERS #3C804 \$1.00



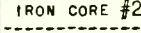
MEISSNER COIL KIT FOR SIGNAL SHIFTERS, PLUG IN TYPE. THREE (3) COILS OSC. PLATE, OSC. GRID AND BUFFER, 5 & 6 PRONG BASES, SET OF 3 COILS 3C2500-52 2395-2835KC \$1




HRO"EM" COIL SET 900-2050KHZ w/1st, 2nd R.F., DET & OSC. 456 KHZ. 2 1/2 x 10 1/2 x 4 1/2, 2 LB. \$3.95



30 MC 1.F. COIL SLUG TUNED IRON CORE #227943.8 \$.50



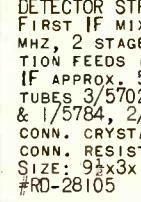
F.M. TUNER 88-108 MHZ THREE TRANSISTORS IN R.F. OSCILLATOR & MIXER STAGES 10.7 MHZ OUTPUT. MINATURE CONSTRUCTION BY LEAR CO. SIZE: 2 1/2 x 1 1/2 x 1; WT: 4 OZ. LEAR#604-236 USED \$1.00



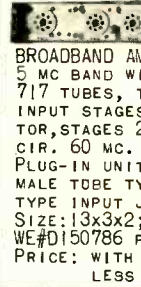
SYNTHESIZER I.F. & A.F.C DETECTOR STRIP ASSEMBLY. FIRST IF MIXER APPROX. 12 MHZ, 2 STAGES OF AMPLIFICATION FEEDS INTO MIXER WITH IF APPROX. 500 KHZ, WITH TUBES 3/5702, 1/5703, 1/5829 & 1/5784, 2/UG-1051 COAX. CONN. CRYSTAL SOCKET, INPUT CONN. RESISTORS, COND. ETC. SIZE: 9 1/2 x 3 1/2; WT: 3 LBS. #RD-28105 USED \$2.95



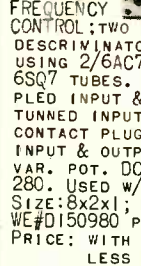
BROAD BAND AMPLIFIER 60 MC 5 MC BAND WIDTH USING 5-717 TUBES, TRANS. COUPLING INPUT STAGES 2 & 3 & DETECTOR, STAGES 2 & 4 TUNED CIR. 60 MC. DC VOLTS 280. PLUG-IN UNIT WITH OCTAL MALE TUBE TYPE BASE, SINGLE TYPE INPUT JACK. SIZE: 13x3x2; WT: 5 LBS. #D150786 P/O BC-1148 PRICE: WITH TUBES \$3.95 LESS TUBES \$1.95



AUTOMATIC FREQUENCY CONTROL; TWO STAGE AMPLIFIER DESCRIPTORATOR & DC AMPLIF. USING 2/6AC7, 1/6H6 & 1/6SQ7 TUBES. RESISTANCE COUPLED INPUT & OUTPUT, SLUG TUNED INPUT. TUBE TYPE 8 CONTACT PLUG, SINGLE CONT. INPUT & OUTPUT JACKS AND VAR. POT. DC VOLTAGE REQ. 280. USED W/ABOVE UNIT. SIZE: 8x2x1; WT: 1 LB. WE#D150980 P/O BC-1148 PRICE: WITH TUBES \$3.95 LESS TUBES \$1.95



VIDEO AMPLIFIER MODULE FOR APS-44 RADAR WITH 3/5977 TUBES, RESISTORS & 15 PRONG PLUG. P/O AM-574/APS-44; 8 OZ. SIZE: 3 1/2 x 3 1/2 x 3; PRICE: \$1.00



HARDWARE KIT: CONTAINS 50 CLAMPS OF 5 DIFFERENT SIZES, 20 SCREWS, 5 TYPES, 15 WASHERS, 7 LUGS, 4 HEX. NUTS, 18 SPACER. #RC298 5LB. 75¢



RUBBER SHOCK MOUNTS
 4 LB. #4 \$.30
 6 " #6 .35
 10 " #10 .40
 12 " #12 .50
 16 " #16 .60
 24 " #24 .75
 35 " #5215 .75

OTHER TYPE MOUNTS AVAILABLE IN LIGHTER & HEAVIER. ADVISE NEED

TUBE SOCKETS

OCTAL CERAMIC 2 HOLE MTG. \$.25
 " " RING " .15
 " BLACK " .15
 LOCTAL MICA 2 HOLE MTG .25
 4 PIN CERAMIC 2 " .35
 813 CERAMIC SOCKET \$1.50
 6 " " 2 HOLE " .29
 7 " " " " .29
 4/5/7/9 PIN WAFER " EA. .10
 7/9 PIN MICA SMALL " " .20
 9 PIN CERAMIC " " " .35
 METAL SHIELDS SMALL 7-9 " .10
 1625 AND 837 7 PIN LARGE .59
 829 CERAMIC SOCKET .75
 872 " w/SHOULDER .75
 811/866 " " w/ " .75

GIANT 4 CONTACT CERAMIC FOR 872, 211 ETC. 3/8" RD. GE #ML7461594-G1 PRICE: USED \$.39

GIANT 4 CONTACT CERAMIC SOCKET FOR 715, 718 ETC. 3/4" RE. STK#227684.98 PRICE: NEW \$1.00

TERMINAL STRIPS WITH CLIPPED WIRES
 PRICES: 3/4" WIDTH .15 .20 .25 .35
 1" " 2 5OR6 7OR9 ASST.
 1 1/2" " 2 5OR6 7 14 16
 AMT. OF TERMINAL ABOVE

TELEPHONE TYPE TERMINAL STRIP
 1 1/2" WIDE 1/8" THICK, 32 TIE TERMINALS FOR WIRE SOLDERING AND NUTS FOR LUGS. WT: 1 LB #31-C \$1.50
 SAME AS ABOVE 52 TER. #31-D \$2.50

BINDING POSTS, 5/8" DIA. HEAD; 1/2" LONG #8 THREAD. OVERALL: 1 1/2". USED, \$1/DOZEN

OCTAL SOCKET EXTENDER, VECTOR NO 1262. PLUGS INTO ORIGINAL AND HAS BOLT THRU CENTER SO THE TWO CAN BE FASTENED TOGETHER #6625-684-1189 NEW 59¢ 2 FOR \$1

SOCKET TURRET, OCTAL, VECTOR MODEL 8-0-9T. 2" TURRET, 3 TERMINALS IN TWO RINGS 1" APART. FITS 1" HOLE. 1/2" DIA. #5935-829-5819 \$.59 EA. 2/\$1.

SOCKET TURRET, 7 PIN MINATURE; 1 1/2" TURRET, 3/16" DIA.; 7 TERMINALS ON ONE RING. FITS 1/2" HOLE. #5935-578-9139 \$.59 EA. 2/\$1.

U-102/U ADAPTER TUBE SOCKET; VECTOR MODEL T-8-0. FITS STANDARD 8-PIN OCTAL. FLASH-OVER VOLTAGE 1500V. 1 1/2" x 1 1/2" #U-102/U \$.59 EA. 2/\$1.

Capacitors

MFD	VDC	SIZE	PRICE
24000	3	4x3	\$1.00
2000	15	1 1/2x4 1/2	.59
1000	50	1 1/2x4 1/2	.59
50	150	2 1/2x4 1/2	1.50
500	200	2x4	U 1.00
8	300	2 1/2x4 1/2	.50
4	400	2 1/2x4 1/2	.50
10	400	2 1/2x4 1/2	.75
2	600	2 1/2x4 1/2	.50
3	600	2 1/2x4 1/2	.50
4	600	3 1/2x2 1/2	.65
6	600	4 1/2x2 1/2	.75
7	600	4x4x2	.85
8	600	3 1/2x5 1/2	1.00
10	600	3 1/2x4 1/2	1.25
25	1300	5x7 1/2x4	5.25
1	1000	1 1/2x2 1/2	.75
2	1000	1 1/2x4 1/2	.75
4	1000	2 1/2x4 1/2	1.00
8	1000	3 1/2x4 1/2	1.50
10	1000	3 1/2x4 1/2	1.75
15	1000	3 1/2x5 1/2	1.25
24	1000	3 1/2x6x2 1/2	3.75
2	1500	2 1/2x4 1/2	1.00
8	1500	3 1/2x4 1/2	3.00
3x1	1200	3 1/2x3 1/2x2 1/2	.75
1	1200	2 x3 x1	.50
1	2000	2x3x1	1.00
4	2000	3 1/2x4x2 1/2	2.50
8	2000	4 1/2x4x3 1/2	4.00
2	2500	2 1/2x4 1/2	1.75
4	2500	4 1/2x4x3 1/2	3.25
2x1	4500	3 1/2x3 1/2	1.00
2	4500	4 1/2x5x3	5.00

COMPUTER GRADE

MFD	VDC	SIZE	PRICE
25000	25	3x4 1/2	\$1.50
20000	30	3x4 1/2	1.95
25000	30	3x4 1/2	2.25
7500	35	2 1/2x4 1/2	1.95
20000	40	3x5	2.50
30000	50	3x5 1/2	2.50
60000	50	3x5 1/2	3.00
8000	25	2x4 1/2	1.50
5000	75	2 1/2x4 1/2	2.50
8500	75	3x4 1/2	2.75
3000	35	1 1/2x3 1/2	1.25
1700	200	3 1/2x5 1/2	3.00
1000	250	2 1/2x4	2.00

HIGH VOLTAGE

14F496 1 MFD. 18,700 VDC
 15x13x5, 75 LBS. \$25.00
 D165618 .00025 MFD. 25 KVDC
 4x11 1/2x3 1/2; 13 LBS. \$10.00
 C22015U 1 MFD 20,000 VDC
 11x13x4 1/2, 40 LBS. \$30.00
 120065-1 .65 MFD 12,500 VDC
 11x8 1/2x4, 40 LBS. \$12.00
 75958 .375 MFD 16KVDC. 750
 MFD 8KVDC. 7x9x5.25LBS \$10.

AC CAPACITORS

MFD	VAC	SIZE	PRICE
5	220	3 1/2x1x4	1.50
50	230	4 1/2x6x3 1/2	5.95
ABOVE ITEM			
3	330	1 1/2x3x1	.50
7	330	3 1/2x3x1 1/2	.75
6	660	3 1/2x3 1/2x2 1/2	1.00
10	440	4 1/2x7 1/2x4	2.00
3	660	3 1/2x3 1/2x1 1/2	1.00
4	660	3 1/2x4 1/2x1 1/2	1.25

MFD	V.A.C	SIZE	PRICE
10	370	1 1/2x6RD	1.00
15	236	2x5	1.25
4	407	2 1/2x2x1 1/2	.35
25	330	3 1/2x4x3	2.95
15	440	3 1/2x4 1/2x2 1/2	2.95

MOTOR CAPACITOR, WESTINGHOUSE STYLE #773298, WIRING FOR CCW AND CW. SIZE: 6x5 1/2x3 1/2; 8LB. \$4.95

ROTOR SWITCH

ROTARY SWITCH, FOUR DECK, THREE POLE-THREE POSITION EACH DECK. CERAMIC WITH SILVER CONTACTS. SIZE: 2x6 #5930-407-2704 NEW \$4.95

ROTARY SWITCH, CERAMIC WAFERS, FIVE DECK, SEVEN POSITION. SILVER CONTACTS. SIZE: 2x6 #5930-254-1010 NEW \$3.95

HEAVY DUTY ROTARY SWITCH, 10 AMP. 1-POLE 5-POS. WITH SCREW TERMINALS. 2X1 1/2 DIA. #5930-594-1015 PRICE: UNUSED, 89¢

ROTARY SWITCH, 3 DECK, 5 SWITCHING POS., 6 MOVING, 36 FIXED CONT., 6 POLES-5 THROWS, COMB. SHORTING & NON-SHORT. 3Z9824-81.5 75¢

GE CERAMIC POWER SWITCHES 2 DECK 3 POSITION 2X5 IN. GE #P42J198-1 G1/394 \$1.95

GE HEAVY DUTY CERAMIC, TWO DECK 4 BREAK 3 MAKE, 2x4" #ML7464910-G1/407 \$1.95
GE HEAVY DUTY CERAMIC, TWO DECK 3 POSITION, 3x4 1/2" #ML7762999-G1/397 \$1.95

ROTARY SWITCH; ONE POLE 12 POSITION NO STOP, TEFLON TYPE WAFER 1 1/2" DIAMETER #AB-6422 75¢

ROTARY SWITCH CERAMIC WAFERS, 2 DECK 4 POSITION, 2" DIAMETER. #C-87/S-602 75¢ EACH.

SWITCH ROTARY, 2 DECK, 2 POSE 4 CIRCUIT EA. DECK. 1 1/2x1" 3Z9825-66.13 \$.50

ROTARY SWITCH, BAKELITE WAFER, 1-POLE 11-POSITION, 1 1/2x1 1/2 3Z9825-92.3 50¢

ROTARY SWITCH, SINGLE GANG 4 CIRCUIT WITH 2 CONTACTS FOR EACH. DIA. 1 1/2" x 1". 3Z9827.34 59¢ 2 FOR \$1.00

ROTARY SWITCH SINGLE 17 CONTACT DECK, ONE TIE DECK DIA. 2 1/2x1 LANS. SW-942-249 75¢ EACH 2 FOR \$1.25

ROTARY ACTUATOR WILL OPERATE FROM 12-28 VDC, 12 POSITION, 30 DEGREES EA. 2 1/2" SHAFT AND RODS FOR MOUNTING WAFER SWITCHES. MOUNTING 2 1/2x3 1/2" H. WT: 1 LB. #MX167869G1 \$1.50

BENDIX HEAVY DUTY TAP SWITCH BENDIX HEAVY DUTY TAP SWITCH 12 POSITION, W/ KNOB. AIRCRAFT TYPE. SIZE: 3x1 1/2 WT: 4OZ. \$2.95

ROTARY SWITCH, BAKELITE WAFER; 2 DECK, 5 POSITION, 1 POLE MOMENTARY 5 POS. 2x2 x2 SW-145 39¢ EA 3/\$1.00

ROTARY SWITCH BAKELITE WAFER, 8 POS., 3 DECK; ONE DECK NON-SHORTING. 3x2x2. #3Z9825-75.4 NEW \$1.00

Kits \$1.00

DISC CERAMIC CONDENSERS 33 ASST. 15MMF-.01MFD. Good Value \$1.00 a KIT

TUBULAR CONDENSER 50 ASST. .00025 to .1 200 to 600 V \$1.00 a KIT

MICA CONDENSERS 25 ASST. 10 MMFD To 6800 MMFD. \$1.00 a KIT

TRIMMER CONDENSERS 25 ASST. 3 to 280MMF WIDE RANGE \$1.00 KIT.

RESISTORS INSULATED 50 ASST. 1/2, 1 & 2 Watt wide range of good values 50 ASSORTED \$1.00

RESISTORS WIREWOUND 25 ASST. 5 to 20 Watt. Wide range of values some tapped. 25 ASST \$1.00

VOLUME CONTROLS 10 ASST. Popular Values \$1.00

TUBE SOCKETS 20 ASST. Octals Locals Minatures Wafers etc \$1.00

PILOT LIGHT SOCKETS 25 ASST Bayonet Screw etc. \$1.00

TERMINAL STRIPS, Tie lug strips, ASST types. 25 for \$1.00

TERMINAL LUGS, ring spade, crimp types. Wide variety of sizes for all uses in clear plastic box, Approx 200 PCS \$1.00

ROTARY SWITCHES BRAND NEW ORDER NOW 6 for \$1.00

BATHUB CONDENSER KIT .1 MFD. to 1. MFD. up to 600 Volt. 10 for \$1.00

HARDWARE KIT NUTS, WASHERS SCREWS, RIVET GROMMETS ETC. 1 1/2 LBS. \$1.00

COMPUTER GRADE



COMPUTER GRADE CAPACITORS OUT OF EQUIPMENT GUARANTEED

MFD	VDC	SIZE	PRICE
900	165	2x4 RD	\$1.25
500	275	2x4 RD	1.25
350	330	2x4 RD	1.25
1400	99	2x4 RD	1.25

LOTS OF 6 \$1.00 EACH.

HIGH CAPACITY

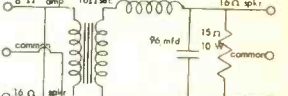
30000 MFD 50 VDC
 3042182, SIZE 3x5, 2 LBS. PRICE: \$3.00 EA. 2 FOR \$5.

30000 MFD 50 VDC
 11418-03, SIZE: 3x5 1/2, 2 LBS PRICE: \$2.50 EACH

1000 MFD 250VDC

SIZE: 2 1/2x4; 1 1/2 LBS. #5910-778-8818 \$2.25

AUDIO FILTER



ELECTRO-VOICE FILTER EVXX3 IS A AUDIO FREQ. FILTER THROUGH WHICH TWO AUDIC AMPLIFIERS CAN BE CONNECTED TO 2 SPEAKER SYSTEMS. ALL BASS FREQ. BELOW 300 CPS ARE PASSED TO ONE SIDE OF THE SYSTEM WHILE THE HIGHER FREQ. ARE PASSED WITHOUT CHANGE TO BOTH SYSTEMS. IN A STEREO SYSTEM THIS ELIMINATES THE NEED FOR 2 FULL RANGE SYSTEMS. CAN ALSO BE ADAPTED TO OTHER USES. #EVXX3F 5 1/2x4 1/2x5 1/2; 8 LBS. NEW \$2.95

HEAVY DUTY TAP SWITCH 6 POSITION 4 HOLE MOUNTING SIZE: 2 1/2x2 1/2x1 1/2 STK#3Z9824-2 \$2.50

ANTENNA CIRCUIT SWITCH 100 WATT 3/MAKE 4/BRE AK SIZE: 4 1/2x2 1/2 IN. #3Z9626 \$2.50

25 Precision Resistor Ass't WIRE WOUND OR CARBON 1% OR BETTER GOOD VALUES. \$1.00 50 TINY CAPACITORS SELECTED TINY ASST PAPER & CERAMIC X GOOD VALUES. \$1.00

WIRE ASSORTMENT SIX 25 FT. COILS FULLY INSULATED STANDARD SIZES TINNED COPPER ASST. COLORS \$1.00

MINIMUM ORDER \$5.00


Power Transformer Filament Modulation Microphone Chokes

HIGH VOLTAGE TRANSFORMERS


PRI	HZ	SECONDARY	SIZE	WT	STOCK #	PRICE
115	60	160/4.12 A	5 1/2 x 7 1/2 x 5 1/2	33	820-6475	\$8.95
115/230	60	175/85 MA	2 1/2 x 3 1/2 x 2 1/2	5	295-2561	3.95
115	60	350 CT/26 MA	2 1/2 x 3 1/2 x 3	4	647-6762	3.95
		5/3.0 A				
115	60	425 CT/1.0 A	6 1/2 x 7 1/2 x 5	32	538-0051	4.95
115	60	612 CT/100 MA	4 x 4 1/2 x 3 1/2	10	646-1954	4.95
		6.3/4.0 A				
		6.3/300 MA				
		5.0/2.0 A				
115	60	660 CT/85 MA	3 1/2 x 4 x 3 1/2	6	949-2281	4.95
		6.3/3.0 A				
		5.0/2.0 A				
115	60	750 CT/125 MA	4 x 5 x 3 1/2	10	646-3554	5.95
		6.3/2.5 A				
		350 CT/50 MA				
115	60	760 CT/150 MA	4 x 5 1/2 x 4 1/2	12	973-6285	7.95
		5.0/2.0 A				
		6.3/6.5 A				
230	60	904 CT/400 MA	5 x 5 x 5 1/2	18	198-869	7.95
		820 CT/100 MA				
		TWO 5.0/2 A				
115	60	1080/100 MA	3 1/2 x 5 1/2 x 3 1/2	12	827-6251	6.95
		6.3/3.0 A				
115	60-400	TWO 1130 CT @ 370 MA	5 1/2 x 7 1/2 x 6	30	538-3728	14.95
115	60	1825 CT/5 MA	4 1/2 x 4 1/2 x 3 1/2	2	103-4149	5.95
		117/42 MA				
		180/80 MA				
		6.3/4.0 A				
115/	60	2230/270 MA	5 1/2 x 8 x 8	45	081-4325	14.95
(TAPPED 26)						
115	60	3000/3 MA	4 x 4 1/2 x 3 1/2	10	615-9949	6.95
		4000 WV.				
115	60	6336 CT/500 MA	8 1/2 x 9 x 11	150	564-7403	75.00
		PK WV. 10KV.				
115	60	1230 CT/270 MA	5 1/2 x 5 x 6 1/2	25	645-5786	\$12.95
		32.5/2.5 A 6.3/3.0 A				
		6.3/3A 5/2A 2/6.3/3.5A				
115	60	302 @ 100MA	3 1/2 x 3 x 2 1/2	5	899-4680	\$3.95
		287 @ 50MA				
115/230	50/60 CY	660 CT/60MA	RD3 1/2 x 4 1/2	8	229608-110	5.95
		6.3 @ 5 A (FOR TG-34 KEYER)				
		5.0 @ 2 A				
115	60	565VCT-@300MA	4 x 5 1/2 x 3 1/2	10	552-0074	\$5.95
115	60	775VCT@1.21A.	6 1/2 x 7 x 6 1/2	50	KS-8661	14.95
115	60	510VCT@100MA	3 1/2 x 4 x 3 1/2	7	229612.21	\$3.95
115	60	300VCT@1AMP	3 1/2 x 4 1/2 x 3 1/2	12	982-7915	\$6.95

LOW VOLTAGE TRANSFORMERS


PRI	HZ	SECONDARY	SIZE	WT	STOCK #	PRICE
115	60	2.5 CT/10A.	4 1/2 x 5 x 3 1/2	10	190-2320	\$3.95
115/	60	5/15 A.	5 1/2 x 3 1/2 x 4	10	578-1243	7.95
230 v						
115	60	5/22 A 8500WV	5 1/2 x 9 1/2 x 4 1/2	4	645-6946	12.95
115	60	TWO 6.3/1.2 A	2 1/2 x 3 x 2 1/2	2	646-1728	2.95
115	60	6.3 CT/4.5 A	3 1/2 x 5 x 3	8	682-3798	2.95
		6.3/0.3 A				
115	60	6.6/5.8 A	3 1/2 x 3 1/2 x 3 1/2	6	648-4013	2.95
115	60	6.5 CT/24 A	5 x 6 x 4 1/2	20	647-6219	8.95
		TWO 6.5 CT/6 A				
		6.5 CT/1.0 A				
115	60	THREE 5/7.0 A	5 x 7 x 4	13	809-6459	9.95
		17.5 KWV				
115	60	TWO 30 CT/15MA	2 1/2 x 2 1/2 x 3	5	648-4774	4.95
		6.3/4.0 A				
115	60	32.5/12 A	4 x 5 1/2 x 5	20	553-4348	9.95
115	50-400	34/2.7 A	4 1/2 x 4 1/2 x 4	14	853-6026	9.95
		3.0/250 MA				
115	50/60	51 @ 1.5 A	RD.4x2 1/2	6	869-2849	\$4.95
		5 @ 1.0 A				
115	60	6.3 CT/8 A	5 x 5 x 3 1/2	12	239-9433	\$4.95
		6.3 CT/3 A				
120	60	67 CT @ 7.7A	5 1/2 x 4 1/2 x 5	15	583-7260	\$5.95
		55 CT @ 0.7A				
115	60	50 CT @ 2.5A	3 1/2 x 4 1/2 x 3	10	784-1675	\$5.95




PRI: 115v 60 cyc.
SEC: 6200 v. 81 MA.
TAPPED 5800v 76 MA.
AND 5400v 71 MA.
5 1/2 x 8 x 7; WT: 22 LBS.
#5950-645-6792
PRICE: \$8.95




PRI: 115 V 60CYC
SEC: 850CT 280MA
280CT 10MA
5 v 5 A.
6.3 v 600MA
36 v 5 A.
5 1/2 x 5 1/2 x 7 1/2; 28 LBS.
#5950-646-3943
\$6.95



PRI: 105/115/130/
145/160/180/200/
225/250/v 25-60CYC
SEC: 780VCT@65MA.
2.5 v @ 2 AMP
6.3 v @ 4 "A"
5 1/2 x 5 1/2 x 4 1/2; 13 LBS.
229619-4 \$2.95




PRI: 115v. 50-60c
SEC: 580vct 70 MA
6.3 " 1.5 A.
5.0 v 2.0 "
TEST VOLTS 1750
3x3 1/2 x 3 1/2; 6 LBS.
#5950-648-6862
\$3.95



PRI: 115v 50-1000cy
SEC: 950vct 200 MA
6.3 v. 10 A.
6.3v 1.5 A.
6.3v 0.5 A.
5 1/2 x 5 1/2; 18 LBS
#5950-581-9421
\$8.95



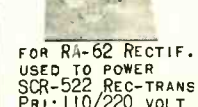
PRI: 115v 60 cyc
SEC: 1080vct 226MA
6x5 1/2 x 4 1/2; 15 LBS.
#5950-762-9822
\$6.95



PRI: 110/115/120v.
50-60 CYCLES
SEC: 3500VCT.
.230 A.
8 1/2 x 7 1/2 x 8 WT: 65LBS
#5950-715-9350
PRICE: \$19.95




COLLINS TRANSFORMER
SAME TYPE AS ABOVE
PRI: 220/230/240/
315 v 50/60CYC
SEC: 4600VCT@325MA.
3500 " 425 "
11 1/2 x 11 1/2 x 10 1/2; 116LB
648-026 \$49.50



PRI: 115v
60 CYC
SEC: 2 v.
30 AMP
3x3x4; 4LB
5950-829-8618 \$2.95




FOR RA-62 RECTIF.
USED TO POWER
SCR-522 REC-TRANS
PRI: 110/220 VOLT
40-60 CYCLE
SEC: DC VOLTAGES
300 @ 230 MA
BIAS 150 @ 8 "
13.4 @ 3.9 A.
5x5 1/2 x 8; 30 LBS.
#3340-296-862-192
PRICE: \$7.95



MODULATION TRANSFORMER
Watts 20 Response
Response 200-5000-IDB
Pri. 2 6000 SEC. 2 6000
Collins #677-2010-00
Size 2 1/2 x 2 1/2 x 3 1/2 lbs
Stock# 229634.53
Price \$2.95




TEKTRONIX # 310
OSCILLATOR
P/N 120-0056-00
PRI: 117 v.
50 to 800CYC
SEC: 205v 120 MA.
135v 150 "
205v 75 "
6.3v 3 AMP
6.3v 4 "
6.3v 6.2 "
6.3v 0.6 "
6.3v 0.6 "
4 1/2 x 3 1/2 x 3 1/2; 8 LBS.
5950-688-6598
\$9.95



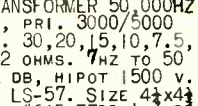
MODULATION TRANSFORMER
WATTS: 40
RES. IMPED.
PRI: 113 OHM 5700
SEC: 72 " 2280
FOR 2/807 TUBES
3 1/2 x 4 1/2 x 3; WT: 3LBS
#2ZK9634.21
PRICE: \$3.95



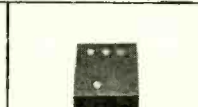
MODULATION TRANSFORMER
100 Watt
RESPONSE 200 to 5000
PRI: 7000 SEC: 7000
F/BC-191/375 TRANS.
Size 3x4x5 WT. 5 1/2 lbs.
tock # 266191/T1
Price \$2.95



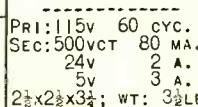
100 WATT
MODULATION TRANSFORMER
PRI: 7500 OHM CT
30,000 "H
SEC: 3000 OHM
35W 200 MADC
600 CT. 1 W
RMS TEST
1, 2, 3 500 v.
OTHERS 2500 v.
200-3500 CPS.
4 1/2 x 4 1/2 x 4 1/2; 11LBS
#5950-646-3092
PRICE: \$4.95



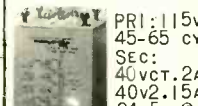
AUDIO TRANSFORMER 50,000HZ
20 WATTS, PRI. 3000/5000
OHM, SEC. 30, 20, 15, 10, 7.5,
5, 2.5, 1.2 OHMS. 1/2HZ to 50
KHZ- 0.2 DB, HIPOT 1500 V
UTY TYPE LS-57. SIZE 4 1/2 x 4 1/2
x 3 1/2; 12 LB#645-7799 \$14.95



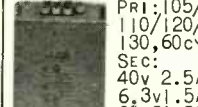
PRI: 120v. 60 cyc.
SEC: 550-0-550v.
0.18 A.
2000WV.
4x7x5 1/2 WT: 18LBS
#5950-518-2621
PRICE: \$7.95




PRI: 115v 60 cyc.
SEC: 500VCT 80 MA.
24v 2 A.
5v 3 A.
2 1/2 x 2 1/2 x 3 1/2; WT: 3 1/2 LB
FAIR-818 \$8.75
UPRIGHT CASED
BUILT FOR COMMAND
REC, BC-603, 683ETC




PRI: 115v 60 cyc
SEC: 440VCT 138 MA.
24v 2 A.
5v 3 A.
4x4 1/2 x 4; 8 LBS.
FAIR-1609 \$7.50
BUILT FOR BC-652



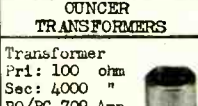
PRI: 105/
110/120/
130, 60CYC
SEC:
40v 2.5A
6.3v 1.5A
3 1/2 x 4 1/2 x 5 1/2
10 LBS.
#43278 \$4.95



PRI: 115/115v 50/60
SEC: 26.4 v 1.70 A
26.4 v 1.35 A.
3 1/2 x 3 1/2 x 3; 4 LBS.
5950-645-3854
\$3.95



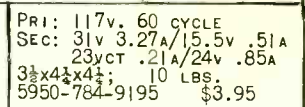
PRI: 115v. 60cyc
SEC: 24v 3 AMP
5v 3 "
3x2 1/2 x 3; 2 LBS
FA-6705 \$2.95



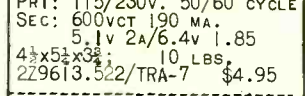
GUNGER TRANSFORMERS
Transformer
Pri: 100 ohm
Sec: 4000 "
PO/BC-709 Amp.
3/4x3/4x1 1/2
ST#229931
Price \$5.9



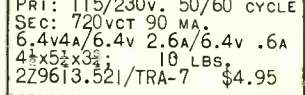
Transformer
Pri: 1.5 ohm
Sec: 35-35 "
PO/BC-347
3/4x3/4x1 1/2
Stock#229947/421
Price \$5.9



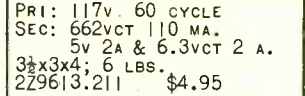
PRI: 117v. 60 CYCLE
SEC: 31v 3.27A/15.5v .51A
23vct .21A/24v .85A
3 1/2 x 4 1/2 x 4 1/2; 10 LBS.
5950-784-9195 \$3.95



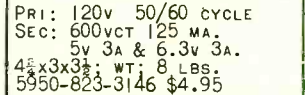
PRI: 115/230v. 50/60 CYCLE
SEC: 600VCT 190 MA.
5.1 v 2A/6.4v 1.85
4 1/2 x 5 1/2 x 3 1/2; 10 LBS.
229613.522/TRA-7 \$4.95



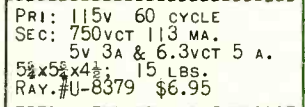
PRI: 115/230v. 50/60 CYCLE
SEC: 720VCT 90 MA.
6.4v4A/6.4v 2.6A/6.4v .6A
4 1/2 x 5 1/2 x 3 1/2; 10 LBS.
229613.521/TRA-7 \$4.95



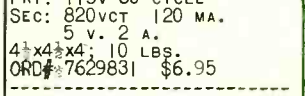
PRI: 117v. 60 CYCLE
SEC: 662VCT 110 MA.
5v 2A & 6.3VCT 2 A.
3 1/2 x 3 x 4; 6 LBS.
229613.211 \$4.95



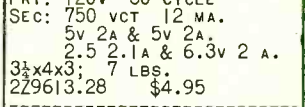
PRI: 120v 50/60 CYCLE
SEC: 600VCT 125 MA.
5v 3A & 6.3v 3A.
4 1/2 x 3 x 3 1/2; WT: 8 LBS.
5950-823-3146 \$4.95



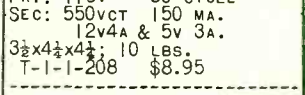
PRI: 115v 60 CYCLE
SEC: 750VCT 113 MA.
5v 3A & 6.3VCT 5 A.
5 1/2 x 5 1/2 x 4 1/2; 15 LBS.
RAY.#U-8379 \$6.95



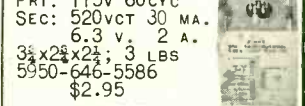
PRI: 115v 60 CYCLE
SEC: 820VCT 120 MA.
5 v. 2 A.
4 1/2 x 4 1/2 x 4; 10 LBS.
ORD# 7629831 \$6.95



PRI: 120v 60 CYCLE
SEC: 750 VCT 12 MA.
5v 2A & 5v 2A.
2.5 2.1A & 6.3v 2 A.
3 1/2 x 4 x 3; 7 LBS.
229613.28 \$4.95



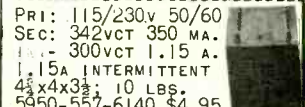
PRI: 115v 60 CYCLE
SEC: 550VCT 150 MA.
12v4A & 5v 3A.
3 1/2 x 4 1/2 x 4 1/2; 10 LBS.
T-1-1-208 \$8.95



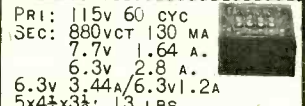
PRI: 115v 60CYC
SEC: 520VCT 30 MA.
6.3 v. 2 A.
3 1/2 x 2 1/2 x 2 1/2; 3 LBS
5950-646-5586
\$2.95



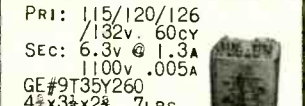
PRI: 110/220v 60cy
SEC: 6.3 v. .9A.
6.3 v. .3A
24 v. .9A
500VCT 35MA
3x3x3 1/2; 4 LBS.
#RM-13-317 \$2.95



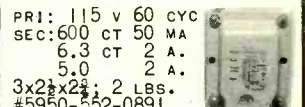
PRI: 115/230v 50/60
SEC: 342VCT 350 MA.
110-300VCT 1.15 A.
1.15A INTERMITTENT
4 1/2 x 4 x 3 1/2; 10 LBS.
5950-557-6140 \$4.95



PRI: 115v 60 cyc
SEC: 880VCT 130 MA
7.7v 1.64 A
6.3v 2.8 A
6.3v 3.44A 6.3v 1.2A
5x4 1/2 x 3 1/2; 13 LBS.
5950-295-7190 \$4.95




PRI: 115/120/126
/132v. 60CY
SEC: 6.3v @ 1.3A
1100v .005A
GE#9T35Y260
4 1/2 x 3 1/2 x 2 1/2; 7LBS.
#5950-518-3864
\$3.95



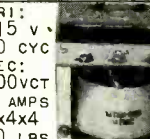
PRI: 115 v 60 cyc
SEC: 600 CT 50 MA
6.3 CT 2 A.
5.0 2 A.
3x2 1/2 x 2; 2 LBS.
#5950-552-0891
\$3.95

TRANSFORMERS



**50 VCT
15 AMP**

PRI: 115v. 60CY.
SEC: 50VCT. 15A.
50VCT. 1A.
5x4x4 WT: 14LBS.
BURNS#43847
PRICE \$9.95




PRI: 115 V.
60 CYC
SEC: 200VCT
2 AMPS
4x4x4
20 LBS
IFX46-16 \$4.95

PRI: 115V47-420CYC
SEC: 3/120VCT120MA
115.50MA
16V @ 15 AMP.
4x5x3 1/2; 10 LBS
#5925 \$9.95




PRI: 115V.
60 HZ.
SEC: 24 V.
10 AMPS
FULL WAVE.
3x4x4 1/2
WT: 12 LBS
PRICE: NEW \$5.95



PRI: 115 V 60 CYC
SEC: 42 VCT 4 A.
2 VCT 12 A.
4x5x8 1/2; 17 LBS.
3H4674B.1/16 \$6.00

PRI: 115 V. 60 CYC
SEC: 63 V. TAPPED
35 V @ 7A/28V@25A.
8x8x5 1/2; 40 LBS.
5950-845-2755 \$22



TF45X02YY

THREE PHASE
PRI 171V 50-450CY
SEC 28V @ 40A
6x7x9 1/2 WT. 45LBS
PRICE: \$14.95

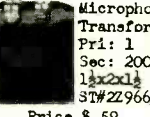


MICROPHONE TRANS
PRI: 40 OHMS
SEC. 75000 "
SIZE: 1x1x2
WT: 2 OZ.
229986-27RM-12
PRICE: 75¢



MICROPHONE

PRI: 14.5-21 OHM
SEC: 4475-6500
OHMS
CARBON MIC.
2x3x2 1/2
#P7762352G1
\$1.00

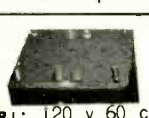


Microphone Transformer
Pri: 1 ohm
Sec: 2000
1x2x2 1/2
3T#229666A
Price \$.59




**1-177
TUBE CHECKER
TRANSFORMER**

SIZE: 4x4x4 1/2
STK.# 229613.667
PRICE: \$4.95



PRI: 120 V 60 CYC
SEC: 400 V 650 MA
NO CENTER TAP
5x5x4 1/2; 20 LBS.
#051-4501 \$6.95



**ALL PRIMARIES
115 VOLT 60 CYCLE**
SIZE: 2x1x1 1/2; 4OZ

SEC: 24V. 50 MA.
2 WIND 12.6V. .5 A.
MW#4523 \$1.25

SEC: 24V. 30 MA.
2 WIND 12.6V. 1 A.
MW#4530 CAGED \$2.

SEC: 125V. 25 MA.
#681-K-34 \$1.25

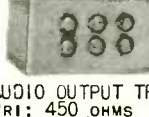
SEC: 12 V. 500 MA.
1x1x1 1/2 4 OZ.
#894P2 \$1.50

SEC: 12 V. 3 AMP
3x2x2 2 LBS.
#894P7 \$1.75

SEC: 24VAC 250 MA.
24VAC 250 MA.
1 LEAD COMMON, BUT
CAN NOT BE USED AS
48 VCT. 2x2x2
#86836 \$1.75

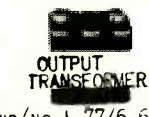
SEC: 110 VAC 100 MA
130 " 100 MA
SZ: 2x3x2;
#801632 \$1.75

SEC: 125 VCT 15 MA
6.3 VAC 0.6 A
SIZE: 2x2x1 1/2; 8 OZ.
#30961 \$1.50



AUDIO OUTPUT TRANS
PRI: 450 OHMS
SEC: 300/4000 OHMS
IMPEDANCE

PO/BC-348
STK# 204348M/T
2x2x4 WT. 2 1/2 LBS.
PRICE: \$1.00



OUTPUT TRANSFORMER

NP/NS-1.77/6.6, 50
TO 3000 CYC. 5MA.
SIZE: 2x2x2
GEM 7465623-1
PRICE: \$.75

LOW VOLTAGE TRANSFORMERS

ALL PRIMARIES 105/110/115
120/125 VOLTS 60 CYCLE.

SEC: 6.6 v. 18 AMP
3x5x4; 12 LBS.
GE#9T35Y159 \$3.95

SEC: 6.6 v. 10 AMP
6.6 v. 1 AMP
5x4x3 1/2; WT: 10 LBS.
GE#9T35Y184 \$3.25

ALL PRIMARIES 115 V 60 HZ.
SEC: 6.3 VCT 3 A. AND 5 V.
6 AMP. 3x4x4 1/2; 4 LBS.
#229611.106 \$4.95

PRI: 115/120/125 @ 60 CYCLE
SEC: 6.3 VCT @ 5 AMP.
2x2x2 1/2; 1 1/2 LB.
#5950-721-2011 \$4.95


PRI: 66 v. 50 TO 63 HZ
SEC: 15 v. 25 AMPS
SIZE: 5x4x6 1/2; WT: 15 LBS.
#5950-660-7183 \$12.95

PRI: 230V 60 CYC
SEC: 6.3V 30A OR 5.67V30A
4x5x3 1/2; 13LB#6510 \$4.95



12V 300 A

PRI: 0/115.2/120/
124.8V. 60CY
SEC: 12V. @ 300A.
RCA#8423824
15x12x9 1/2 238 LBS
#5950-557-6156
\$60.00

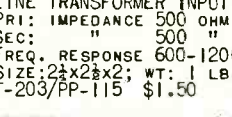


**2-6.3 VCT
35 AMP.**

PRI: 105 TO 125 V 50/60 CYC
SEC: 2/6.3 VCT @ 35 AMPS EA
SIZE: 7x6x5 1/2; WT: 30 LBS.
SMITH#3002730 USED \$12.95

MICROPHONE TRANSFORMER
PRI: IMPEDANCE 50 OHM 30MA
SEC: IMPEDANCE 500 OHM
FREQ. RESPONSE 400-1900CPS
SIZE: 1x1x1 1/2; WT: 8 OZ.
\$1.00 T-204/PP-115

LINE TRANSFORMER INPUT
PRI: IMPEDANCE 500 OHM CT
SEC: " 500 "
FREQ. RESPONSE 600-12000CP
SIZE: 2x2x2; WT: 1 LB.
T-203/PP-115 \$1.50



PRI: 225V 60 HZ
SEC: 8.1 VCT.
@ 51 AMP
4x6x6 20 LBS.
#5950-085-1244
PRICE: \$11.95


PRI: 7000 OHM CT
SEC: 265 " "
80 " "
ONE WINDING
POWER: 62.5 WATTS
RESPONSE: 1 DB
20-20,000 CPS
SIZE: 4x6x4; 20 LB
TFIA13MA \$4.95

HIGH VOLTAGE TRANSFORMERS

DC POWER SUPPLY
PRI: 115V 60 CY
SEC: -800V.




SEC: .25-1 MA.
-120V @ 15 MA
-24V @ 1.2 A
-16.V @ .45 A
SIZE: 4x4x9 1/2; WT: 15 LBS.
#GE9T63Y2280G03 \$14.95




PRI: 105/250 V.
2.5 V./TAP
SEC: 2240 VCT.
@ 500 MA.
12 VCT.
@14.25 AMP
17.5/18.3/19.2 V. @ 2.5 AMP
2.5 V. @ 10 AMP; 30 V. 50MA
SIZE: 12x10x8 WT: 42 LBS.
#5950-681-7115 NEW \$25.00


PRI: 104/125 V. 1600 HZ
SEC: 1975V. 1.2 MA
1.25 V. @ 0.2 AMPS
SIZE: 2x3x4 1/2; WT: 4 LBS.
#5950-810-5520 \$5.95



PRI: 105/110/115
120/125V 54-66CYC
SEC: 365V TAPPED
335 V. @ 500 MA.
4x5x3 1/2; 9 LB.
#ADCA8691 \$2.95



PRI: 115 VAC
60 HZ.
SEC: 1800 V.
@ 300 MA
TAPPED AT 400V
4x4x4 1/2; 12 LB
AB-6950 \$9.95



PRI: 105-110-115
120-125
SEC: 560CT 75 MA
365 V 150 MA
TAP335 V
3x5x3 1/2; 8 LBS.
#TFIA02JA \$1.95

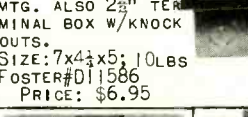


PRI: 115V 60/420 CYC
SEC: 2/1130 VCT @ 370 MA
SIZE: 5x5x7 WT: 32 LBS
#5950-538-3728 \$14.95

CIRCUIT PROTECTED
PRI: 110/220/440
50/60 CYCLE
SEC: 24 V 6 AMP.
6 V I "



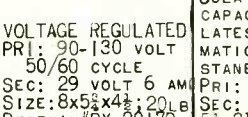
**CIRCUIT RESET
BREAKER 10 AMP.**
FOR 4 1/2" SQ. BOX
MTG. ALSO 2 1/2" TER
MINAL BOX W/KNOCK
OUTS.
SIZE: 7x4 1/2x5; 10LBS
FOSTER#D11586
PRICE: \$6.95



**CONSTANT VOLTAGE
TRANSFORMER**
SOLA #211134 WITH
CAPACITOR. REGU-
LATES VOLTAGE AUTO-
MATICALLY AND INSTA-
NEOUSLY.
PRI: 95-130V 60CYC
SEC: 6.3 V 2.38 A
5x3x2 1/2; WT: 8LBS.
#5950-581-5333
UNUSED \$5.95



VOLTAGE REGULATED
PRI: 90-130 VOLT
50/60 CYCLE
SEC: 29 VOLT 6 AM
SIZE: 8x5x4 1/2; 20LB
PHOENIX#PX-2017B
PRICE: \$5.95




**CONSTANT VOLTAGE
TRANSFORMER**
SOLA #211134 WITH
CAPACITOR. REGU-
LATES VOLTAGE AUTO-
MATICALLY AND INSTA-
NEOUSLY.
PRI: 115V. 60CY.
SEC: 26 VCT 3 AMPS
2x2x2 1/2; 2 1/2 LBS.
#MID7586022-010
PRICE \$1.75

AUTO-ISOLATION STEP-UP/STEP DOWN




PRI: 95/105/115/
125/190/210/230/
250V. 50/60 CYCLE
600 WATT.
SEC: 3 TAPS, VOLTAGE
DEPENDS ON PRIMARY
TAPS USED.
5x7x5; 18 LBS.
229605.3 \$8.95

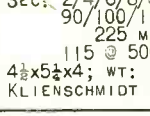
CONSTANT VOLTAGE
PRI: 95 TO 130 V.
60 CYCLE
SEC: 6.5 V 12 AMP
9x4x4; 16 LBS
SOLA #302473
#5950-578-8875
\$9.95



PRI: 95/105/115/125/
190/210/230/250
@ 60 CYCLE
SEC: 2/4/6/8 @ 225 MA
90/100/110 @
225 MA.
115 @ 500 MA.
4x5x4 1/2; WT: 13 LBS.
KLIENSCHMIDT 5399 \$9.95



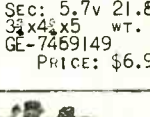
PRI: 105/110/115
120/125V 54-66CYC
SEC: 365V TAPPED
335 V. @ 500 MA.
4x5x3 1/2; 9 LB.
#ADCA8691 \$2.95



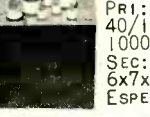
PRI: 115V 60CYC
SEC: 40-0-40V .18A
3x3x5 WT. 5LBS
#7629808 \$1.50



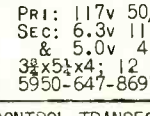
PRI: 115V 60CYC
SEC: 40-0-40V .18A
3x3x5 WT. 5LBS
#7629808 \$1.50



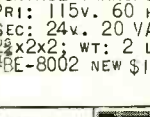
PRI: 115V 60 CYC
SEC: 5.7V 21.8A
3x4x5 WT. 9L
GE-7469149
PRICE: \$6.95



PRI: 1/2/4/10/20/
40/100/200/400/
1000/2000
SEC: 40 V. 100 MA
6x7x5; 20 LBS.
ESPEY T-41627 \$8



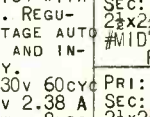
PRI: 117V 50/60 CYC
SEC: 6.3V 11A & 6.3V 3A
& 5.0V 4A & 5.0V 2A
3x5 1/2x4; 12 LBS.
5950-647-8697 \$5.95



CONTROL TRANSFORMER
PRI: 115V. 60 HZ
SEC: 24V. 20 VA.
2x2x2; WT: 2 LBS.
#BE-8002 NEW \$1.50



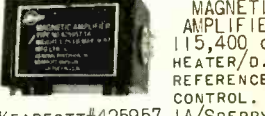
PRI: 115V. 60CY.
SEC: 26 VCT 3 AMPS
2x2x2 1/2; 2 1/2 LBS.
#MID7586022-010
PRICE \$1.75



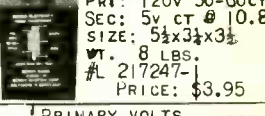
PRI: 115V 50/60CY
SEC: 24V 15VA.
2x2x2 1/2; 1 1/2 LBS.
#AB-637-001-808
PRICE: \$1.25

PRI: 115 V 60 C
SEC: 6.3 V 3.6 A
15 V.004 A
15 V.004 A
SIZE: 3x3x3; 4 LBS
STK#ORD7629806
PRICE: \$1.50

ISOLATION 6.3V TO
6.3V 1.2 A. 58-62
CYC. 2x2x2 1/2; 3LB.
16-6384 \$2.95




**MAGNETIC
AMPLIFIER**
115,400 CY/
HEATER/D.C
REFERENCE/
CONTROL.
KEARFOTT#425957-1A/SPERRY
622033. 3x2x2; 1 1/2 LB.
5950-712-3882 \$3.95



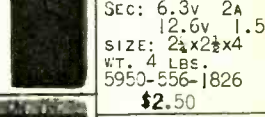
PRI: 120V 50-60CYC.
SEC: 5V CT @ 10.8A
SIZE: 5x3x3 1/2
WT. 8 LBS.
#L 217247-1
PRICE: \$3.95



PRIMARY VOLTS
81, 163 & 230
50/60 CYCLE
SECONDARY VOLTS
12 CT. 3 1/2 AMPS
12 CT. 3 " "
13 CT. 10 " "
@ 115V 2/16V-3A 1/17V
10A. SIZE 4x7x7 18LBS.
GE#7466333 \$5.95



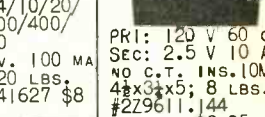
PRI: 110V 60 CYC
SEC: 6.3V 2A
12.6V 1.5A
SIZE: 2x2x4
WT. 4 LBS.
5950-556-1826
\$2.50



PRI: 110V 60 CYC
SEC: 6.3V 2A
12.6V 1.5A
SIZE: 2x2x4
WT. 4 LBS.
5950-556-1826
\$2.50



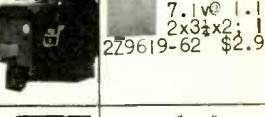
PRI: 120 V 60 CY
SEC: 2.5 V 10 A.
NO C.T. INS.10M.
4x3x5; 8 LBS.
#229611.144
\$2.95



PRI: 115V 60CY
SEC: 375.5V
@.016A
7.1V @ 1.15A
2x3x2; 1LB
229619-62 \$2.95





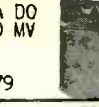



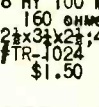
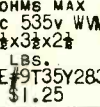

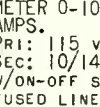
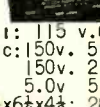






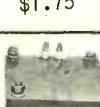






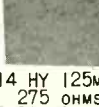
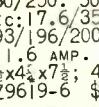
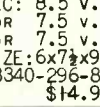
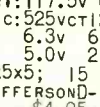
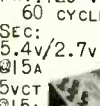

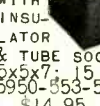
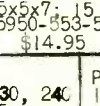
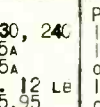
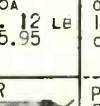

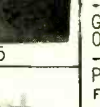
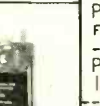
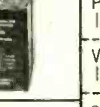
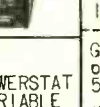
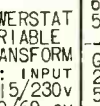
PRI: 115V 60CY
SEC: 375.5V
@.016A
7.1V @ 1.15A
2x3x2; 1LB
229619-62 \$2.95



PRI: 115V 60CY
SEC: 375.5V
@.016A
7.1V @ 1.15A
2x3x2; 1LB
229619-62 \$2.95



PRI: 115V 50-133CY
SEC: 20 VOLT LOAD
OR 12.5V @ 2 AMPS
MOUNTED ON 4" RD.
ELECT. BOX COVER
3x3x2 1/2; 2 LBS.
#FR-24960 \$1.25

<p>AUTO-TRANSFORMER 0-107-115-122-210-230 -250 v. 60HZ 1.5KVA W/ON-OFF SW. 3 SLO BLO FUSES & INDICATORS 5x13x7; 40LB. KS2833 \$15.</p>	 <p>8 HY 100 MA 160 OHMS 2x3x3x2; 4LB TR-1024 \$1.50</p>	 <p>.5-.25 HY @ 2-.6 ADC 70HMS MAX DC 535V WVM 2x3x3x2; 4LB GE#T35Y283 \$1.25</p>	<p>25 HY 35 MA DO 1070 MV 2x3x2: 2LBS GE#7415231 \$.79</p>			 <p>TRANSFORMER WITH METER 0-100 AC AMPS. PRI: 115 vac 60cy SEC: 10/14/19/24 W/ON-OFF SW. AND FUSED LINE. 140 LB SIZE: 16x8x15; 5950-537-4950 PRICE: \$39.50</p>	 <p>PRI: 115 v. 60 CYC SEC: 150v. 550 MA 150v. 2.0 AMF 5.0v. 5.0 " 6x6x4; 28 LBS. 5950-481-3482 \$6.95</p>
<p>FILAMENT TRANS. PRI: 215 v 60cy 71V.A. SEC: 11.5vct4.3A 4x3x3x3; 7LBS. #199-2255 \$3.95</p>			<p>DUAL CHOKE 11 HY 100 MA 200 OHMS 4x4x5; WT 8 LB #3C557F-1 \$1.75</p>		<p>DAVIS DIMMER AUTO TRANSFORMER 230 VOLT 60 CYCLE 1 PHASE WITH 5 48 VOLT CIRCUITS THAT CAN BE VARIED 0- 48 v. MAX. 20 A. TOTAL. SIZE: 10x10x7; SHPG. WT: 90 LBS #GR-3 \$19.95</p>		
<p>PRI: 107/11/115/119/123/127 VAC 50/66 HZ. SEC: 64.4 vct @ 1.6 AMPS SIZE: 4x3x3x3 WT: 7 LBS. #5950-827-0247 \$4.95</p>			<p>11 HY 500MA 1350 VAC @ 120cy 7x6x9; WT. 42 L I/C NO. DC-6281 PPICE: \$8.95</p>		<p>MULTI-VOLTAGE ISOLATION TRANS. PRI: 73/88/95/105/ 115/125/190/210/ 230/250. 50/60 CY SEC: 17.6/35.2/189 193/196/200/203 @ 1.6 AMP. 9x4x7; 40 LBS. Z29619-6 \$14.95</p>		
<p>PRI: 0/116/120/ 124v. 60cy. SEC: 126v. 1.1A. 114v. 1.0A. TF4RX01YY 8x5x4; .27 LBS. K95-1476 \$7.95</p>		<p>TOBE FILTERETTE 7.5 AMPS. 500 VDC TEST 2x1x1; 1LB #3C325-6 1426/7966 \$1</p>			<p>PRI: 115 v. 60 CYC .25 KV INSULA- TOR SEC: 8.5 v. 54 AMF OR 7.5 v. 48 " OR 7.5 v. 32 " SIZE: 6x7x9; #3340-296-879 \$14.95</p>		
<p>CHOKES</p>							
<p>8 HY 100 MA 160 OHM 2x3x3x 2; 3 LB. #TR-1024 \$1.50</p>	<p>30 HY 70 MA 550 OHM 2x2x3x3 1LB #3C325-6 \$1.25</p>	<p>10 HY 150MA 210 OHMS WT. 4 1/2 LBS. SIZE: 2 1/2 x 5 x 2 1/2 #217366-1 \$1.75</p>	<p>10 HYS 500 MA 45 OHM DC RES 500 WORK VOLTS #5950-646-1383 \$5.95</p>	<p>14 HY 125MA 275 OHMS. 2x3x3x5; 308-708-060 \$1.25</p>	<p>PRI: 115/230v 50/60 CYC SEC: 444vct 97 MA. 6.5vct 3.2 A. 12.4v 390 MA. 4x4x3; 8 LBS. 5950-376-9600 \$3.95</p>	<p>PRI: 120 v 60 CYCLE SEC: 5.4v/2.7v @15A 5vct @15A WITH INSU- LATOR & TUBE SOCKET C6 5x5x7; 15 #5950-353-5572 \$14.95</p>	<p>PRI: 117.5v 60CYC SEC: 525vct125 MA. 6.3v 6.3 A 5.0v 2.0 A. 4x5x5; 15 LBS. JEFFERSOND-12A64E \$4.95</p>
<p>10 HY 0-1 AMP DC @ 10v. 60 HZ, 268 OHMS. 2x3x3x2; 4 LB #6467 \$1.75</p>	<p>1.5 HY 1.5 AMP 5000 v. TEST 8x8x6; SHPG. WT: 60 LB 5950-159-6041 \$14.95</p>	<p>10 HY 150MA 210 OHMS WT. 4 1/2 LBS. SIZE: 2 1/2 x 5 x 2 1/2 #217366-1 \$1.75</p>	<p>.08HY .53OHMS 2500 MAHS 5x5x4; 20LBS 5950-155-9326 \$9.95</p>	<p>17 HY 80 MA 300 OHM 2x2x3x3 WT. 2 #3C326-31B</p>	<p>PRI: 115/230v 50/60 CYC SEC: 444vct 97 MA. 6.5vct 3.2 A. 12.4v 390 MA. 4x4x3; 8 LBS. 5950-376-9600 \$3.95</p>		<p>PRI: 115 v 60 CYC SEC: 2.65v 3.5 A 2.65v 3.5 A 6.3v 3.5 A SIZE: 3x5x3; 8LB #BNJT-166 \$2.90</p>
<p>5 TO 42 HY 160 OHMS, 130 TO 200 MA 3x3x4; WT: 7 LBS. #5950-646-0561 \$1.75</p>	<p>12 HY 210 MA 50 OHM; 5x6x4; 14 LBS. #3C316-33 \$2.50</p>	<p>10 HY 150MA 210 OHMS WT. 4 1/2 LBS. SIZE: 2 1/2 x 5 x 2 1/2 #217366-1 \$1.75</p>	<p>REACTOR FILTER CHOKE INDUCTANCE 3 HY. RES. 30 OHM, 350 MA DC 2000 V. PK. SIZE: 3x4x2; WT: 6 LBS. L-225/PP-115 \$2.50</p>	<p>17 HY 80 MA 300 OHM 2x2x3x3 WT. 2 #3C326-31B</p>	<p>PRI: 115/230v 50/60 CYC SEC: 444vct 97 MA. 6.5vct 3.2 A. 12.4v 390 MA. 4x4x3; 8 LBS. 5950-376-9600 \$3.95</p>		<p>POWERSTAT 136B/ 1191, INPUT 115V 60HZ OUTPUT 105- 135V. 35 AMP CLOSED FRAME \$45.00</p>
<p>12 HY 210 MA 50 OHM; 5x6x4; 14 LBS. #3C316-33 \$2.50</p>	<p>140 HY @ 5v. 60 HZ; 10 MA DC 2700 OHMS. 2x2x3; 3 LBS. #HA-81-C \$2.95</p>	<p>10 HY 415 MA RES. 60 OHMS TEST V 1800 SIZE 4x5x3; WT: 12 LBS. #5950-645-9675 \$4.95</p>	<p>PRI: 117v 50-60CYC SEC: 3/5v CT @ 2A 2/5v CT @ 2A 2/2.5v @ 10A 7x4x3; WT. 12 LB GILFILLAN #54148-1 PRICE: \$5.95</p>	<p>17 HY 80 MA 300 OHM 2x2x3x3 WT. 2 #3C326-31B</p>	<p>PRI: 115/230v 50/60 CYC SEC: 444vct 97 MA. 6.5vct 3.2 A. 12.4v 390 MA. 4x4x3; 8 LBS. 5950-376-9600 \$3.95</p>		<p>POWERSTAT UPM-20 115v. 60c 30A 0-135v CLOSED TYPE \$45</p>
<p>8 HY 300 MA RES. 90 OHM WT: 7 LBS. 8x3x4; 3340-310-190 \$5.95</p>	<p>1.5 HY 2 AMPS. 50V. 60CY. 6 OHMS RDC. TF1A04YY 7x7x6; 44LBS #5950-184-6825 \$9.95</p>	<p>10 HY 150 MA RES. 100 OHM TEST 3000 V. SIZE 3x4x3; WT: 7 LBS. #3C323-6220 \$1.95</p>	<p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4x5x7; 18 LBS. #5950-645-3891</p>	<p>17 HY 80 MA 300 OHM 2x2x3x3 WT. 2 #3C326-31B</p>	<p>PRI: 115/230v 50/60 CYC SEC: 444vct 97 MA. 6.5vct 3.2 A. 12.4v 390 MA. 4x4x3; 8 LBS. 5950-376-9600 \$3.95</p>		<p>POWERSTAT #100 TYPE OPEN FR. 115V 60HZ 0-130V 15A \$25</p>
<p>8 HY 300 MA RES. 90 OHM WT: 7 LBS. 8x3x4; 3340-310-190 \$5.95</p>	<p>3-5 HY 500MA RES. 28 OHM 5x4x4 9 1/2 LBS. KS-8572 3C1987-72 \$4.95</p>	<p>10 HY 150 MA RES. 100 OHM TEST 3000 V. SIZE 3x4x3; WT: 7 LBS. #3C323-6220 \$1.95</p>	<p>PRI: 220/230/240v 50-60 CYC SEC: 2.5v CT @ 10A 5x3x3; 6LBS 5950-648-4773 PRICE: \$2.95</p>	<p>17 HY 80 MA 300 OHM 2x2x3x3 WT. 2 #3C326-31B</p>	<p>PRI: 115/230v 50/60 CYC SEC: 444vct 97 MA. 6.5vct 3.2 A. 12.4v 390 MA. 4x4x3; 8 LBS. 5950-376-9600 \$3.95</p>		<p>POWERSTAT 1126 CLOSED FRAM 115V60HZ 0-130V 15A \$30.</p>
<p>6 HY 80 MA P/O TG-10 2x2x2, 1 1/2 LB #27294 \$.89</p>	<p>CHOKE 10 HENRYS @ 200 MA 135 OHMS 2000 VRMS 60 CYC 3x3x5 WT. 9LB BENDIX#L217380-1 PRICE: \$3.95</p>	<p>10 HY 150 MA RES. 100 OHM TEST 3000 V. SIZE 3x4x3; WT: 7 LBS. #3C323-6220 \$1.95</p>	<p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4x5x7; 18 LBS. #5950-645-3891</p>	<p>17 HY 80 MA 300 OHM 2x2x3x3 WT. 2 #3C326-31B</p>	<p>PRI: 115/230v 50/60 CYC SEC: 444vct 97 MA. 6.5vct 3.2 A. 12.4v 390 MA. 4x4x3; 8 LBS. 5950-376-9600 \$3.95</p>		<p>VARIAC 100Q OPEN FRAME 115V60HZ 0-135V 18A. \$25.</p>
<p>6 HY 80 MA P/O TG-10 2x2x2, 1 1/2 LB #27294 \$.89</p>	<p>5 HY 50 MA RES. 250 OHM 2x2x2, 1 1/2 LB #3C3672 \$.75</p>	<p>10 HY 150 MA RES. 100 OHM TEST 3000 V. SIZE 3x4x3; WT: 7 LBS. #3C323-6220 \$1.95</p>	<p>PRI: 120v 50-60 cyc 37 VA SEC: 5vct @ 2A 6.3v @ 1A 5vct @ 4A 3x3x5 WT. 7 LB BENDIX#L217336-1 PRICE: \$3.95</p>	<p>17 HY 80 MA 300 OHM 2x2x3x3 WT. 2 #3C326-31B</p>	<p>PRI: 115/230v 50/60 CYC SEC: 444vct 97 MA. 6.5vct 3.2 A. 12.4v 390 MA. 4x4x3; 8 LBS. 5950-376-9600 \$3.95</p>		<p>GRV-5 VARIAC, 115 v. 60CYC OUTPUT 0-135v 6 AMPS. 5950-583-1507 \$18.95</p>
<p>8 HY 300 MA RES. 90 OHM WT: 7 LBS. 8x3x4; 3340-310-190 \$5.95</p>	<p>5 HY 50 MA RES. 250 OHM 2x2x2, 1 1/2 LB #3C3672 \$.75</p>	<p>10 HY 150 MA RES. 100 OHM TEST 3000 V. SIZE 3x4x3; WT: 7 LBS. #3C323-6220 \$1.95</p>	<p>PRI: 120v 50-60 cyc 37 VA SEC: 5vct @ 2A 6.3v @ 1A 5vct @ 4A 3x3x5 WT. 7 LB BENDIX#L217336-1 PRICE: \$3.95</p>	<p>17 HY 80 MA 300 OHM 2x2x3x3 WT. 2 #3C326-31B</p>	<p>PRI: 115/230v 50/60 CYC SEC: 444vct 97 MA. 6.5vct 3.2 A. 12.4v 390 MA. 4x4x3; 8 LBS. 5950-376-9600 \$3.95</p>		<p>GRV-20 VARIAC 115V 60HZ 0-135V 20A CLOSED TYPE \$35</p>
<p>6 HY 80 MA P/O TG-10 2x2x2, 1 1/2 LB #27294 \$.89</p>	<p>5 HY 50 MA RES. 250 OHM 2x2x2, 1 1/2 LB #3C3672 \$.75</p>	<p>10 HY 150 MA RES. 100 OHM TEST 3000 V. SIZE 3x4x3; WT: 7 LBS. #3C323-6220 \$1.95</p>	<p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4x5x7; 18 LBS. #5950-645-3891</p>	<p>17 HY 80 MA 300 OHM 2x2x3x3 WT. 2 #3C326-31B</p>	<p>PRI: 115/230v 50/60 CYC SEC: 444vct 97 MA. 6.5vct 3.2 A. 12.4v 390 MA. 4x4x3; 8 LBS. 5950-376-9600 \$3.95</p>		<p>POWERSTAT #100 TYPE OPEN FR. 115V 60HZ 0-130V 15A \$25</p>
<p>6 HY 80 MA P/O TG-10 2x2x2, 1 1/2 LB #27294 \$.89</p>	<p>5 HY 50 MA RES. 250 OHM 2x2x2, 1 1/2 LB #3C3672 \$.75</p>	<p>10 HY 150 MA RES. 100 OHM TEST 3000 V. SIZE 3x4x3; WT: 7 LBS. #3C323-6220 \$1.95</p>	<p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4x5x7; 18 LBS. #5950-645-3891</p>	<p>17 HY 80 MA 300 OHM 2x2x3x3 WT. 2 #3C326-31B</p>	<p>PRI: 115/230v 50/60 CYC SEC: 444vct 97 MA. 6.5vct 3.2 A. 12.4v 390 MA. 4x4x3; 8 LBS. 5950-376-9600 \$3.95</p>		<p>POWERSTAT 1126 CLOSED FRAM 115V60HZ 0-130V 15A \$30.</p>
<p>6 HY 80 MA P/O TG-10 2x2x2, 1 1/2 LB #27294 \$.89</p>	<p>5 HY 50 MA RES. 250 OHM 2x2x2, 1 1/2 LB #3C3672 \$.75</p>	<p>10 HY 150 MA RES. 100 OHM TEST 3000 V. SIZE 3x4x3; WT: 7 LBS. #3C323-6220 \$1.95</p>	<p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4x5x7; 18 LBS. #5950-645-3891</p>	<p>17 HY 80 MA 300 OHM 2x2x3x3 WT. 2 #3C326-31B</p>	<p>PRI: 115/230v 50/60 CYC SEC: 444vct 97 MA. 6.5vct 3.2 A. 12.4v 390 MA. 4x4x3; 8 LBS. 5950-376-9600 \$3.95</p>		<p>GRV-5 VARIAC, 115 v. 60CYC OUTPUT 0-135v 6 AMPS. 5950-583-1507 \$18.95</p>
<p>6 HY 80 MA P/O TG-10 2x2x2, 1 1/2 LB #27294 \$.89</p>	<p>5 HY 50 MA RES. 250 OHM 2x2x2, 1 1/2 LB #3C3672 \$.75</p>	<p>10 HY 150 MA RES. 100 OHM TEST 3000 V. SIZE 3x4x3; WT: 7 LBS. #3C323-6220 \$1.95</p>	<p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4x5x7; 18 LBS. #5950-645-3891</p>	<p>17 HY 80 MA 300 OHM 2x2x3x3 WT. 2 #3C326-31B</p>	<p>PRI: 115/230v 50/60 CYC SEC: 444vct 97 MA. 6.5vct 3.2 A. 12.4v 390 MA. 4x4x3; 8 LBS. 5950-376-9600 \$3.95</p>		<p>GRV-20 VARIAC 115V 60HZ 0-135V 20A CLOSED TYPE \$35</p>
<p>6 HY 80 MA P/O TG</p>							

ANTENNAS

MP-22 MAST SECTION MOUNTING BASE WITH SWIVEL THAT WILL TIP TO 90 DEGREES, RIGHT OR LEFT AND WILL LOCK IN THE VERTICAL POSITION. WILL TAKE MS-53 OR MS-54 MASTS AS THE STARTING SECTION. MOUNTING PLATE SIZE: 5x6 HEIGHT OF BASE 10". WT: 10LBS. \$4.95

MP-22A SAME AS ABOVE EXCEPT THE STARTING SECTION IS MS-51 AND YOU CAN ADD MS-50 & MS-49. \$4.75

Mast Sections

3 ft. Tubular steel, copper coated and painted sections. These screw together to make any desired length. MS-49 being the top & smallest section increasing in size through MS-50-51-52-53 to MS-54 being the larger one. Either the MS-53 or MS-54 will fit together to form any additional height desired. Example a 33 ft. vertical may consist of one each MS-49, 50, 51, 52, and 7 each of MS-53 or it may be finished out on the bottom with 6 MS-54 sections. Self support to about 18ft. Average Wt. app. 3/4lbs. MS-49-50-51-52-53 .50/ea. MS-54 .75/ea

ADAPTER BASE WITH INSULATOR, MAST SECTIONS MS-52 OR MS-53 WILL SCREW INTO THE TOP, AND ADAPTER BOTTOM WILL SCREW INTO MS-52 OR MS-53. CAN BE USED TO ISOLATE SECTIONS OF WHIP OR DIPOLE. SIZE: 1 1/2x8; 1 1/2 LB. NT-66023 \$1.95

MOBILE WHIP ANTENNA BASE MOUNT, SWIVEL TYPE, TAPERED SPRING TAKES STANDARD 3/8" WHIP. WITH 10' RG-59 COAX. CABLE W/PL-259 ALSO INST. TEMPLATE WT: 5 LBS. #MI-31428-B1 \$5.95 UNIT CAN BE DRILLED AND TAPPED SO THE ABOVE SECTIONS CAN BE USED.

CU-168 ANTENNA COUPLER; PROVIDES MEANS FOR OPERATING 5 RECEIVERS FROM ONE ANT. UNBALANCED LINE INPUT NOM. IMPEDANCE 70 OHMS ON OUTPUT ALSO. FREQ. RANGE 2 - 32 MC. EACH COUPLING CIRCUIT HAS 4/12AU7 TUBES. POWER REQ. 115v. 50-400cy. RACK MTG. 19x8 1/2; WITH TUBES UG-21 COAX. CONN. & MANUAL. WT: 7LBS. UNUSED \$29.95

AB-15 BASE FOR WHIP ANTENNA SECTIONS MS-116-117 118 ALSO AB-21-22-23-24. SPRING ACTION WITH INSULATOR 3 1/2x3" AND COAXIAL CONNECTOR FOR USE WITH PL-259, REQUIRES 2" HOLE FOR MOUNTING. SIZE 15 x 3 WT: 2 LBS. USED

WHIP ANTENNA MAST SECTIONS FOR USE WITH AB-15 MAST BASE MS-116 LARGEST SECTION 39" LG. DIA. .393, ONE OR MORE CAN BE USED, MS-117 & 118 FOR TAPER 39" LG. \$1.50 PER. SEC. AB-243/G SIDE MTG. FOR AB-15 BASE, WITH 2" MTG. HOLE. SIZE: 10 1/2x7x4 1/2; WT: 8 LB \$4.95

A-27 PHANTOM ANTENNA USED WITH BC-375 BC-191 100 WATT TRANSMITTERS FOR TUNING AND LOADING, CONTAINS 0-150 MMF WIDE SPACED VARIABLE CAPACITOR 3/16 SPACING, 2/12 OHM 40 W. NON-INDUCTIVE RES. IN METAL BOX WITH KNOB AND SCALE 0-100, BINDING POST ETC SIZE: 3 1/2x7x4 1/2; WT: 8 LBS PRICE: RE-NEW \$3.95

MP-73 GROUND PLANE MOUNTING BASE DESIGNED TO BE USED WITH MAST SECTIONS AB-21, 22, MS-116, 117 THAT SCREW TOGETHER TO MAKE DESIRED LENGTH FOR FREQ. REQUIRED. HAS SO-239 COAX. RECEPTACLE AND PROVISIONS FOR MOUNTING TO POLE TREE OR CORNER OF BUILDING. THE MOUNTING HOLES FOR THE VERTICAL ANT. AND THE RADIALS ARE 5/16" DIAMETER. SIZE: 10x15x6; WT: 10 LBS. PRICE: NEW \$9.95 AB-21, 22 OR MS-116, 117

MAST SECTIONS ARE AVAILABLE NOWHERE ELSE WHERE ON THIS PAGE WILL FIT BUT WILL HAVE TO BE FASTENED IN WITH BOLTS AND NUTS TO MAKE A GOOD CONNECTION. THE SAME GOES FOR AN-109 WHIP ANT. AN-109 WHIP ANTENNA 5 FT. TAPERED 1/4 TO 1/8 W/3" SQ. BASE. \$1.50 EA. 4 FOR \$5. AN-119 WHIP ANTENNA 6 FT. TAPERED 1/2 TO 1/8 THREAD 1/2"x20 \$1.50 EA. 4 FOR \$5. AN-130 WHIP GOOSENECK 30" SCREW BASE FITS BC-1000, PRC ETC. \$1.50 EA. 4 FOR \$5. AT-272 GOOSENECK BASE 8" W/EGD WITH FLAT ANT. ON PRC SETS. \$1.50 EA. AT-272 FLAT ANTENNA 30" USED WITH ABOVE BASE FOR PRC SETS. \$1.50 EA.

MP-74 GOOSENECK BASE FOR MAST SECTION AB-23 OR MS-118, 14" LG. WITH SPAD TYPE BRACKET FOR SIDE MOUNTING. \$1.50 4/\$5. M-422 ADAPTER FOR USING MS-116-117-118 OR AB-21-22-23-24 MAST SECTIONS WITH BC-1000 & PRC SERIES SETS IN THE LONG ANTENNA RECEPTACLE, 7" LG. \$1.50 EA 4/\$5. FIBERGLASS WHIP ANT. 82" LG. FOR 27 TO 39 MHZ 1" SC. BOTTOM. (NOT AVAILABLE) #9735 \$5.00 UFM-1 DIPOLE ANTENNA FOR USE IN THE 155 TO 235 AND 460-570 MHZ BANDS. BASE STANDS 21" HIGH FOR FLAT MOUNTING ALSO HAS ADJUSTABLE BRACKET FOR POLE MOUNTING. AT-50 FOR USE IN LOW BAND \$14.95 AT-51 FOR USE IN HIGH BAND. \$14.95

AT-598 ANTENNA TAPERED 30" LG. WITH CAST BASE AND COAX. RECEPTACLE FOR UG-100 A/U CONNECTOR. \$1.50 EA. 4/\$5.00 MATCHING COAXIAL LINE WITH 2/UG-100A ON 14" OF RG-14 \$3.00 AN-20T ANTENNA TELESCOPING 20" EXTENDED, 8 1/2" COLLAPSED, CHROME. 50 1/2 EA. 5/\$2.00 GQ1-51048 TELESCOPING WHIP ANTENNA, 15" COLLAPSED 7' EXTENDED. \$1.50 4/\$5.

AS-874 ANTENNA ROTOR, 28 VDC 4 AMPS. APPROX 33 RPM, W/SEL SYN 2J1F3, R.F. CABLE FEEDS THROUGH CENTER OF ANT. MOUNTING AND USES 6 BOLTS. COAX. RECEPT. TAKES UG-494 CONN. USED SIZE: 9 1/2x12x10; 20 LB. \$24.95

ANTENNA COUPLER FOR REMOTE OPERATION. RANGE APPROX. 2 TO 24 MC. 200 WATTS. MOTORIZED VARIABLE VACUUM CAPACITOR 300 MMF. 7500 VOLTS. ALSO ROTARY INDUCTOR, SERVO MOTORS, FAN, 10 PLATE TYPE RELAYS, SWITCHES, CAPACITORS, RESISTOR TUBES 4/5727, 2/5670, 3/6201 ETC. SIZE: 24x7x8; WTL 25 LBS. #5821-658-3692

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS THAT TUNES FROM 200 TO 1750 KC, OPERATES FROM 26 VOLT 400 CYCLE SIZE: 10x11x5; WT: 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95

AS-874 ANTENNA ROTOR, 28 VDC 4 AMPS. APPROX 33 RPM, W/SEL SYN 2J1F3, R.F. CABLE FEEDS THROUGH CENTER OF ANT. MOUNTING AND USES 6 BOLTS. COAX. RECEPT. TAKES UG-494 CONN. USED SIZE: 9 1/2x12x10; 20 LB. \$24.95

GROUND PLANE ANTENNA \$10.95

AN-45 TELESCOPING ANTENNA 8 FT. \$1.95

UG-1024/U INSULATOR "L" TYPE ANTENNA, UG-88 COAX. CONN. REQ. \$3.95 3x1x1; 1LB. FOR PL-259 CONN. \$2.95 AN-22 " 20 " .65

AS-813/TRC-47 GROUND PLANE TYPE CORNER REFLECTOR FOR USE IN THE 132 TO 150 MHZ BAND, 50 OHM IMPEDANCE. TRIANGULAR ALUMINUM FRAME AND EXPANDED ALUMINUM BASE. TWO SIDE 65" OTHER 89", 16 VERTICAL RODS, 16 VERT. RODS SCREW INTO FRAME AND RADIATING STUB INTO CENTER AND IS ADJUSTABLE 17 TO 21 1/2", MOUNTING BRACKET FOR POLE OR MAST. SHPG. WT. 55 LBS. MOTOR FREIGHT ONLY. PRICE: \$15.00

AS-125/APR ANTENNA FOR USE WITH RECEIVERS IN THE 1000 TO 6000 MHZ RANGE. HAS 6" MOUNTING RING WITH HARDWARE AND UG-22 COAXIAL RECEPTACLE. SIZE: 6x8; 4 LBS. NEW \$4.95 UG-21 COAX. CONN. TO FIT 50 1/2 AS-69/APT ANTENNA FOR 535 TO 700 MHZ. RANGE. HAS 2 CROSS DIPOLES BEN' SIZE: 9 1/2x8; WT: 8LB. TAKES UG-21 \$7.95

MN-20 MANUAL ROTATABLE LOOP ANTENNA, USED AS A DIRECTION FINDING ANTENNA IN THE 150 TO 1500 KC FREQ. RANGE WITH MN-26 & RA-10 RECEIVERS OR ANY OTHER TYPE IN THIS RANGE USED \$2.95 UNUSED \$3.95 MN-52 AZIMUTH CONTROL BOX W/O-360 DEG. DIAL, LIGHT & CRANK USED WITH MC-124 FLEXIBLE SHAFT THAT IS CONNECTED TO THE LOOP AND WHEN CRANK IS TURNED LOOP TURN UNUSED \$2.95

MC-124 FLEXIBLE SHAFT FOR USE WITH LOOP AND CONTROL BOX, 5 1/2 FT. \$1.95 EACH EXTRA FT. 25¢ SPECIFY/SHIP CLOSIE

CABLE FOR ANTENNA LEADIN 5 WIRE SHIELDE WITH PLUG TO FIT LOOP OTHER END BARE WIRE 8 FT. LG. #AC58267 \$1.95

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS THAT TUNES FROM 200 TO 1750 KC, OPERATES FROM 26 VOLT 400 CYCLE SIZE: 10x11x5; WT: 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95

COMPARATOR

CM-167/U SIGNAL COMPARATOR MIXES TWO FREQUENCIES AND DELIVERS AN OUTPUT PROPORTIONATE TO THE DIFFERENCE OF THE TWO SIGNALS. WHEN USED WITH A STRIP CHART RECORDER IT WILL COMPARE 2 ALMOST EQUAL FREQ. STANDARDS WHOSE FREQ. ARE EITHER 100 KC OR 1 MC. THIS WILL BE RECORDED AS A SINE WAVE. USES 4 IN2B1 DIODES IN A FULL BRIDGE CIRCUIT ALONG WITH RESISTORS, CONDENSORS, TRANSFORMERS, ETC. INPUT IMPEDANCE 50-5000 OHMS. INPUT COAX. CONN. BCN. SIZE: 5 1/2x3 1/2x3 1/2 WT: 4 LBS. NEW \$4.95

CU-128F/U ANTENNA COUPLING UNIT, DESIGNED TO PROVIDE EFFICIENT SIGNAL TRANSFER BETWEEN ANTENNA TRANSMISSION LINES OF DIFFERENT IMPEDANCE, FREQ. RANGE 4 TO 20 MHZ. INPUT IMPEDANCE 200/250/700 OHMS OUTPUT 70 OHM WATERPROOF METAL BOX WITH MTS. & MANUAL SIZE: 8x4 1/2x7 1/2; SHPG. 15LBS. NEW \$4.95

NEON LIGHTING ARRESTOR HI-POWER 4 for \$1 TN-174/GRA ANTENNA TUNER WITH VARIABLE CAPACITOR, 12 TO 244 MMF, 2000 VOLT. ALSO NE-51 LAMP AND TWO 50" CONNECTING CABLES. SIZE: 3x4x5 WT: 4 LBS. USED, \$4.95

AS-27A/ARN-5 HORIZONTAL FOLDED DIPOLE AS USED WITH RC-103, BC-733, ARN-5 EQUIP. ON AIR-PLANES. 108-110 MC \$9.95 AT-2/APN-2 DIPOLE ANTENNA 150-180 MC 2.95 AN-104A STUB ANTENNA F/SCR-522 100-156 MC 1.95

AS-27A AT-911 ANT USD-1 ENNA REFLECTOR 4" DEEP, UG-570/U 18 FOOT SECTIONS ALUMINUM TUBING, USED WITH RADIO 14" DIAMETER RADIATOR 7" COAX. RECEPT MAST IN SIX 1 1/2" DIAMETER TUBING, USED PLANE. 10 LB PRICE: \$9.95

CABLES

NEW COAXIAL CABLE

NEW MANUFACTURE AND BRANDED WITH STANDARD TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-BETWEEN LENGTHS USE THE HIGHER PRICE. LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

	100 FEET	500 FEET	1000 FEET	5000 FEET
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RG-8/U	52 OHM	.18	.16	.16
RG-11/U	75 OHM	.14	.13	.12
RG-58/U	53 OHM	.07	.06 $\frac{1}{2}$.06 $\frac{1}{2}$
RG-59/U	73 OHM	.08	.07 $\frac{1}{2}$.07 $\frac{1}{2}$

NEW COAXIAL CONNECTORS



SO-239	PL-259	M-359	PL-258 JUNCTION
\$.49 EA.	\$.49 EA.	\$.49 EA.	\$.95
10 OR MORE	10 OR MORE	10 OR MORE	10 OR MORE
\$.45 EA.	\$.45 EA.	\$.45 EA.	\$.89

TYPES MAY BE ASSORTED TO OBTAIN THE LOW PRICE

Coaxial Cable FOR LESS THAN 3c Per Foot!

RG-54 A/U CABLE-

DESIGNED FOR LONG LIFE & CONSTANT ATTENUATION 58 OHMS, .250 OD. WITH POLYETHYLENE JACKET.

370 FOOT ROLL \$10.00 70 FOOT ROLL \$1.95

LESS THAN SPECIFIED LENGTHS .03 PER FOOT

COAX CABLE ASSY.

TYPE OHMS LENGTH CONNECTOR STOCK# PRICE

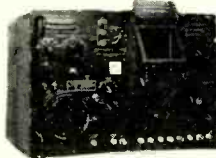
RG-59A/U	72	50FT	UG-21/UG-29	CG-357	\$2.50
RG-8A/U	52	68FT	2/PL-259	USED/SPEC	\$5.50
RG-8A/U	52	50FT	2/PL-259	"	\$4.50
RG-8A/U	52	25FT	2/PL-259	"	\$2.50
RG-26/U	48	30FT	2/UG-34	3E4392-11	\$4.95
RG-22/U	95	40FT	1/PL-284	CD-879	\$2.95
RG-22/U	95	46FT	1/PL-284	CD-878	\$3.25
RG-22/U	95	50FT	1/PL-284	CD-877	\$3.50
RG-62/U	93	3FT	2/UG-88	CG-1410	.75
RG-62/U	93	35FT	2/UG-88	CG-1410	1.00
RG-62/U	93	130FT	2/UG-88	CG-1410	1.95

CABLES FOR SETS

CABLE #	PLUG #	LENGTH	USED WITH	PRICE
3E7243-2	GK12-23 $\frac{1}{2}$	52 IN.	TCS/REG-PS	\$2.75
3E7273-19	SKC16-23 $\frac{1}{2}$	29 IN.	TCS/TRS-PS	2.75
CD-515		48 IN.	BC-669	5.95
CD-501	F/BC-654 & PE-103			4.95
CD-548	2EA PL118	9 FT.	TEST SET	4.95
CD-549	2/ PL-112	9 FT.	TEST SET	4.95
CD-526	2/ PL-153	5 FT.	274 N SERIES	4.95
CD-532	2/ PL-152	5 FT.	"	2.75
CD-509		8 FT.	BC-659/620	2.75

GOAX CONNECTORS USED

UG-290/U	PANEL RECPT.	USED	25 $\frac{1}{2}$ EA.	5/\$1.00
UG-291/U	PANEL JACK	"	30 $\frac{1}{2}$ "	4/\$1.00
UG-88/U	PLUG	"	35 $\frac{1}{2}$ "	3/\$1.00
UG-260/U	PLUG	"	39 $\frac{1}{2}$ "	3/\$1.00
UG-262/U	PANEL JACK	"	45 $\frac{1}{2}$ "	2/\$.75
UG-260/U	SPEC. ELBOW	"	45 $\frac{1}{2}$ "	2/\$.75
UG-21/U	PLUG	"	59 $\frac{1}{2}$ "	2/\$1.00
UG-22/U	PANEL JACK	"	59 $\frac{1}{2}$ "	2/\$1.00
UG-29B/U	ADAPTER	NEW	79 $\frac{1}{2}$ "	2/\$1.50
UG-29/U	ADAPTER SPEC	USED	59 $\frac{1}{2}$ "	2/\$1.00
UG-629/U	PANEL JACK	NEW	85 $\frac{1}{2}$ "	2/\$1.50
UG-36/U	PLUG	USED	\$5.00"	2/\$9.00
AMPHENOL	#31-365 CHASSIS RUBBER JACKET	N		.75
UG-420/U	PANEL JACK	"	\$1.25"	2/\$2.00
UG-421/U	PLUG	"	\$1.25"	2/\$2.00
UG-100/U	PLUG	"	59 $\frac{1}{2}$ "	2/\$1.00
UG-100/U	PANEL JACK SPEC.	U	59 $\frac{1}{2}$ "	2/\$1.00
UG-109/U	STRAIGHT ADPTER	U	79 $\frac{1}{2}$ "	2/\$1.00
10H528	PANEL JACK	NEW	79 $\frac{1}{2}$ "	2/\$1.50
10H702	ELBOW	NEW	79 $\frac{1}{2}$ "	2/\$1.50
10H1366	STRAIGHT	NEW	79 $\frac{1}{2}$ "	2/\$1.50



TS-239 OSCILLOSCOPE
GENERAL PURPOSE INSTRUMENT FOR TESTING RADAR & COMMUNICATION EQUIPMENT. DISPLAYS A LUMINOUS PLOT OF TIME-VARYING VOLTAGE PULSE OR WAVE ON A 3" CR TUBE. SINE WAVE OF 10 CYC TO 5 MC ARE SERVEABLE.

INPUT IMP. 300M OHMS W/30 MMFD CAP. SIGNAL INPUT SCOPE ONLY .1 TO 100 VOLTS PEAK. OUTPUT TRIGGER PULSE + 25 V. 4 MICROSEC. DUR FREQ. RANGE 1 CYC TO 3 MC. PULSE DISPLAY .2 TO 5 $\frac{1}{2}$ MURSEC. INTERNAL SQUARE WAVE 150 CYC PER-SEC. ADJ. .1 TO 1 VOLT. ALSO 75 VOLT SQ. WAVE. SENSITIVITY .1 VOLT PRODUCES STAND. DEFLECTION W/MAX. AMPLIFICATION. CONTROLS & CONN. ON FRONT PANEL. SIX STEP MULTIPLIER EXTENDS RANGE 300 TIMES. SWEEP ADJ. .1 TO 50M MICROSEC. POSITIVE OR NEGATIVE POLARITY. WITH USE OF PROBE INPUT IMP. MAY BE INCREASED TEN TIMES WITH LOSS OF SENS. AND INCREASE IN VOLTSGE TO 450. WITH TUBES 3/6AK5, 2/6AG7, 2/6C4, 8/7F8 1/6AL5, 2/6SN7, 1/VR-105, 2/6X5, 1/56A4 & 1/3JPI SIZE: 21 $\frac{1}{2}$ x16 $\frac{1}{2}$ x13 $\frac{1}{2}$ WT: 75 LBS.

PRICE: USED REPARABLE \$45.00 CHECKED \$59.50



OS-29/UPM-4A
PRECISION SYNCHROSCOPE EMPLOYING A THREE INCH CATHODE RAY TUBE. THE SWEEP OF THE CRT CAN BE TRIGGER EXTERNALLY OR INTERNALLY AND CAN BE DELAYED WITH EITHER TRIGGER. THE SWEEP DURATION AND, WHEN INTERNALLY TRIGGERED, THE SWEEP FREQ. CAN BE CONTROLLED. THE INPUT SENSITIVITY OF THE VIDEO AMPLIFIER CAN BE VARIED IN SIX STEPS FROM 0.2-20 VOLTS PER INCH OF VERTICAL DEFLECTION. THE UNIT CONTAINS HIGH VOLTAGE POWER SUPPLY, BUT REQUIRES THE FOLLOWING VOLTAGES FOR OPERATION 300V, -27V, 425, 105V. NORMALLY SUPPLIED BY POWER SUPPLY PP-802/UPM-4A, NOT AVAILABLE. SIZE: 22x19x10. WT: 50 LBS.

RENEW- \$34.95.....USED- \$22.95

R-65/APN-9 LORAN RECEIVER

INDICATOR AS USED IN AIRCRAFT AND BOATS. PROVIDES ACCURATE MEANS OF DETERMINING POSITION OF FIXED SHORE TRANSMITTING DIRECTION STATIONS WHEN OTHER MEANS ARE INEFFECTIVE. CONSISTS OF A RECEIVER OPERATING IN THE MARINE BAND WITH 3" CR TUBE/INDICATOR FOR PRESENTATION OF THE RECEIVED SIGNALS. OPERATES FROM 24 VDC & 115 V. 400-800 CYCLE W/TUBES, LENSE, CRYSTAL. SIZE: 9 $\frac{1}{2}$ x12 $\frac{1}{2}$ x30 $\frac{1}{2}$; WT: 40 LBS. USED \$59.50 LESS TUBES, CRYSTAL, HOOD & LENSE..... \$20.00

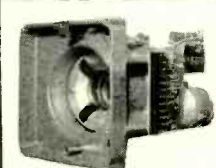


RADAR INDICATOR

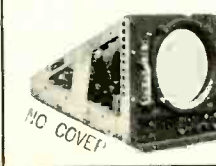


IP-177/MPQ-10 RADAR INDICATOR WITH TWO 2 C.R. TUBES 7BP7 AND 3DP1 ALSO 7/12AT7, 1/5751, 1/5814, 4/5763, 2/5687, 2/1B3. TUBES.

POWER REQUIRED 115 V. 60 CYCLE, ALSO HAS 2 $\frac{1}{2}$ " 0-150 VOLT A.C. METER. (FOR RACK MTG.) SIZE: 10x24x24; SHPG. WT: 100 LBS. USED \$34.50



MT-314/MPG-1 INDICATOR TUBE MOUNT FOR 7BP7 C.R. ELECTRIC FOCUSING WITH DIEHL CONTROL MOTOR FPE-25 75 V 60 CYC 2 PH AND A.C. SELSYN 115 V. 60 CYC. TYPE XV #78386, CAST ALUM INUM HOUSING & TUBE SOCKET FOR 7BP7 CATHODE RAY TUBE, FACE 11" SQ. X 15" DEEP, WT: 35 LBS. PRICE: LESS 7BP7 C.R. TUBE UNUSED \$14.95 WITH 7BP7 C.R. TUBE \$24.95



IP-53/CPS-6 RADAR HEIGHT INDICATOR WITH 12DP7AC.R. TUBE ALSO 6/8C7, 13/6SN7, 5/6AC7, 1/6AG7, 1/6SJ7, AND 1/VR-150. NO POWER SUPPLY WITH THIS UNIT. SIZE: 20x18x31; WT: 125 LB. PRICE: USED \$22.95

PARTS BONNAZA



PLUG-IN TUNING UNITS USED WITH BC-191/BC-375 TRANSMITTER. THESE UNITS CONTAIN MANY PARTS THAT CAN BE USED BY SCHOOLS, LABORATORIES, HAMS, OR EXPERIMENTERS. LISTED BELOW ARE THE VARIOUS TUNING UNITS WITH FREQUENCY COVERAGE, AND PARTS LIST. ALL UNITS INCLUDE CABINET, KNOBS, HANDLES, BRACKETS, AND OTHER PARTS. THE NEW TUNING UNITS ALSO INCLUDE THE OUTER CASE.

Size: 17x9x7 $\frac{1}{2}$ WT: 13 LBS.

TU-5B 1500-3000 KC

M-O TANK INDUCTANCE
M-O BAND CHANGE SWITCH
ANTENNA COUPLING SWITCH
P-A BAND CHANGE SWITCH
CAPACITORS:
3/0.0001 MFD 3000 VOLTS
0.00003 MFD 2000 VOLTS
2/0.0004 MFD 5000VOLTS
3/0.00009 MFD 3000VOLTS
VAR. 8-26MMF, 20-135MMF
20-156MMF

ANTENNA COUPLING COIL
P-A GRID CHOKE COIL
M-O GRID CHOKE COIL
P-A TANK INDUCTANCE
RES. 15 OHMS, 4.5 WATTS
2 $\frac{1}{2}$ " VERNIER DIAL
RIGHT ANGLE DRIVE
(NOT AVAILABLE)

TU-6B 3000-4500 KC

M-O TANK INDUCTANCE
P-A TANK INDUCTANCE
P-A GRID CHOKE COIL
M-O GRID CHOKE COIL
ANTENNA COUPLING COIL
M-O BAND CHANGE SWITCH
P-A BAND CHANGE SWITCH
ANTENNA COUPLING SWITCH
CAPACITORS:
2/0.00005MFD 3000 VOLTS
2/0.0004MFD 5000 VOLTS
VARIABLE CAP. 19-116
MMF, 8-26, 15-77 MMF
RES. 15 OHM, 4.5 WATTS
M-O TUNING COMPENSATOR
2 $\frac{1}{2}$ " VERNIER DIAL
RIGHT ANGLE DRIVE
NEW \$8.95

TU-7-B 4500-6200 KC

M-O TANK INDUCTANCE
P-A TANK INDUCTANCE
ANTENNA COUPLING SWITCH
ANTENNA COUPLING COIL
P-A GRID CHOKE COIL
M-O GRID CHOKE COIL
CAPACITORS:
2/0.0004MFD 5000 VOLTS
VAR. CAP. 8-26MMF, 23-111MMF, 19-116MMF
2 $\frac{1}{2}$ " VERNIER DIAL
RIGHT ANGLE DRIVE
NEW \$5.95

BC-306 ANTENNA TUNING UNIT

200-500 KC
VARIOMETER COIL
VARIOMETER DIAL
ANTENNA COUPLE SWITCH
INSULATOR
NEW \$4.95

TU-8-B 6200-7700 KC

M-O TANK INDUCTANCE
M-O GRID CHOKE COIL
P-A GRID CHOKE COIL
P-A TANK INDUCTANCE
ANTENNA COUPLING COIL
ANTENNA COUPLING SWITCH
CAP. 2/0.0004MFD 5000v
VAR. CAP. 14-66MMF, 8-26MMF, 15-81MMF.
2 $\frac{1}{2}$ " VERNIER DIAL
RIGHT ANGLE DRIVE
NEW \$5.95

TU-9-B 7700-10,000 KC

M-O TANK INDUCTANCE
M-O GRID CHOKE COIL
P-A GRID CHOKE COIL
P-A TANK INDUCTANCE
ANTENNA COUPLING COIL
ANTENNA COUPLING SWITCH
CAP. 3/0.0004MFD 5000v
VAR. CAP. 19-116MMF
8-26MMF, 15-77MMF
2 $\frac{1}{2}$ " VERNIER DIAL
RIGHT ANGLE DRIVE
NEW \$4.95

TU-10-B 10,000-12,500KC

M-O TANK INDUCTANCE
M-O GRID CHOKE COIL
P-A GRID CHOKE COIL
P-A TANK INDUCTANCE
ANTENNA COUPLING COIL
ANTENNA COUPLING SWITCH
CAP. 3/0.0004MFD 5000v
VAR. CAP. 14-62MMF, 19-116MMF, 8-26MMF
M-O CHOKE COIL
2 $\frac{1}{2}$ " VERNIER DIAL
RIGHT ANGLE DRIVE
NEW \$4.95

TU-26-B 200-500 KC

M-O TANK INDUCTANCE
M-O PLATE COIL
M-O GRID CHOKE COIL
P-A TANK VARIOMETER
P-A GRID CHOKE COIL
M-O BAND CHANGE SWITCH
ANTENNA COUPLING SWITCH
ANTENNA COUPLING COIL
CAPACITORS:
3/0.0004MFD 3000 VOLTS
2/0.005MFD 5000 VOLTS
2/0.004MFD 5000 VOLT
2/0.0035 MFD 5000 VOLT
0.002 MFD 5000 VOLTS
0.0005 MFD 3000 VOLTS
0.0007 MFD 3000 VOLTS
12 MMF, 35 MMF
VAR. CAP. 8-26 MMF
RES. 15 OHM 4.5 WATTS
2 $\frac{1}{2}$ " VERNIER DIAL
RIGHT ANGLE DRIVE
USED \$8.95



BC-788 TRANSMITTER RECEIVER AIRCRAFT ALTIMETER, PULSE TYPE, TRANS. OUTPUT 50 WATTS, FIXED FREQUENCY 440 MHZ & WITH TUBES 1/6L6 9/6AG5 & 1/5Y3. POWER .

REQ. 115 V. 400-2400 CYCLE. SIZE: 15 $\frac{1}{2}$ x9x8; WT: 13 LBS. PRICE: USED \$18.95



OSCILLOSCOPE VIEWING HOODS:
5" ROUND TEKTRONIX MFG.; PLASTIC BARREL W/RUBBER VIEWER; SIZE: 5x11 $\frac{1}{2}$ WT: 4LBS. PRICE: NEW \$3.00
6"x5" RECTANGULAR HOOD; FOR INDICATOR BC-704-A; P/O SCR-521-A; SIZE: 6x5x9 $\frac{1}{2}$; WT: 4LBS. #27A937B 11. \$3.

G-25A HAND TYPE MAGNETO GENERATOR USED TO RING TELEPHONE LINES; APPROX. OUTPUT 100 VOLTS. CAN BE USED AS SHOCK MACHINE, LIGHT SMALL LAMPS OR DRIVE WORMS OUT OF THE GROUND. PERMANENT MAGNETS. 4x2x2 DIA; 1 LB. U. \$2.95.



DC AIRCRAFT MOTOR; GE#5BA-50LJ29, 0.4 HP, 3000 RPM. ARMATURE: 60V. @ 2.3 AMPS FIELD: 27 VOLTS @ 6.5 AMPS DUTY: 10 MIN. @ FULL RATING. SHAFT IS CORKSCREW-TYPE 5/8 INCH DIA. FLANGE MTG. 3/8 CNTS. BODY SIZE: 6x4x4 1/2 WT: 11 LBS. \$4.95

SM-30-FR MOTOR, 115 VOLT 60 HZ 1/75 HP, 1-PHASE, 1750 RPM; 5/16 INCH DIA. SHAFT WITH FLY WHEEL THAT CAN BE REMOVED. SIZE: 5x4x4 WT: 5 LBS. \$2.95



JOHN OSTER TYPE C-24A-1B KS-5829 27 VDC, 0.01 HP 7000 RPM. SERIES MOTOR. SIZE: 3x2 DIA. SHAFT 1/4 DIA. WT: 1 LB. USED 75% UNUSED \$1.25



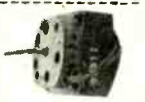
NSP-11-R SPEED REDUCER MOTOR, BODINE MFG. 115 VAC .30 AMPS; 1600 RPM SINGLE PHASE 60 HZ. TORQUE: 2.8 IN-LBS. WITH STANDARD LINE PLUG AND ON-OFF SWITCH. SIZE: 7x5x4 1/2 SHAFT: 2x3/8" DIA. WT: 10 LBS PRICE: USED \$3.95

ART-13 MOTOR, 28 VDC. .05 HP @ 3900 RPM. REVERSIBLE; BALL BEARING. MOTOR WILL OPERATE ON 12 VDC. SIZE: 4x3x3" DIA. WT: 1 1/2 LB. PRICE: GOVT RECONDITIONED \$2.95



DELCO MOTOR #5069466, 27.5 VDC 2.4 AMP, 1/30 HP 3600 RPM. SIZE: 5x2x2 1/2 DIA. SHAFT 1/4 DIA. WT: 1 1/2 LB. UNUSED \$2.95

TG-10 KEYER MOTOR, 115V. 60 HZ. 1550 RPM WITH 1-7/8" SHAFT GEARED TO 80 RPM. REMOVED FROM TG-10 EQUIPMENT. SIZE: 3x3x4 1/2 WT: 3 LBS. #3H3000-3 USED \$2.95



ELECTROLUX MOTOR 28.5 VDC 1.8 AMPS. 1/35 HP 220 RPM. SHAFT SIZE: 1 1/2" DIA. MOTOR SIZE: 4x3x3 DIA. WT: 5 LBS. USED \$3.95

WESTINGHOUSE BUSINESS MACHINE MOTOR, 0.025 HP. 115V. 50/60 HZ @ 1.2/1.0 AMPS. TO BE USED WITH 4 OR 3 MFD. CAPACITOR FOR 1425 OR 1725 RPM. SIZE: 4x4x4; WT: 5 LBS. SHAFT 5/16x3 FLATTENED FOR RUBBER SHOCK MTG. BRACKET. NEW \$4.95

TELETYPE MOTOR AC; 110 VOLT 60 HZ. SINGLE PHASE, NON-SYNCHRONOUS. 0.04 HP, 1800 RPM, 1.25 AMP. DOUBLE SHAFT 1 1/2x3/16 AND 5/8x3/16 MOTOR SIZE: 5 1/2x5x5 WT: 13 LBS. GE#28478 USED \$4.95



LEECE-NEVILLE 24 VDC @ 45 AMPS. 0.75 HP 4500 RPM. SPLINED SHAFT 5/8x3/4. WITH FOUR HOLE MOUNTING BASE AND FLANGE 4 1/2x4 1/2. MOTOR SIZE: 4x4x7; WT: 24 LBS LE TYPE 1504M UNUSED \$7.95

DUAL BLOWER 100 CFM, 115 V. 60 CYC REDMON MODEL 3189 OR EQUAL. 8x6 1/2 OVERALL. 10LE 4" IN 2" OUT. RE-MOVED \$10

SINGLE BLOWER SIMILAR TO ABOVE #B201 OR EQUAL RE-MOVED FROM EQUIPMENT \$6.95

WE KS-5871-LOI MOTOR, 28.8 VDC @ 3.3 A. 5600 RPM, 0.04 HP SERIES WOUND. CONTINUOUS DUTY; REVERSIBLE WITH SPEED GOVERNOR. (MAY ALSO OPERATE AT 12 VDC AT REDUCED SPEED. SHAFT 3/4, OVERALL SIZE: 6x3x3 DIA. SHPG. WT: 7 LBS. USED \$7.95



MERCURY MOTOR 24 TO 28 VOLT DC 60 HZ. OPEN FRAME TYPE, APPROX. 2500 TO 3000 RPM DEPENDING ON THE OPERATING VOLTAGE AND LOAD. SIZE: 2x2x3 WT: 1 LB. #MER-MO2428 USED 75%



OPEN FRAME MOTOR, 115V. 60 HZ. 500 RPM ONE DIRECTION, 1000 RPM THE OTHER. SHAFT 1/2x1/16" DIA. SIZE: 2x3x4 WT: 2 LBS. #B30B \$1.00

EMC TYPE 300, 45V. 60 HZ. 6.5 RPM. LIGHT OPEN FRAME 5x2x1 1/2. SHAFT: 1x3/16" DIA. WT: 1 LB. \$1.50

GEARHEAD MOTOR, 115V. 60 HZ; 54 RPM, OPEN FRAME FOR MEDIUM USE. SHAFT 3/8x5/16" DIA. SIZE: 4x3x2 1/2 WT: 2 LB #9M203 UNUSED \$2.95

GEARHEAD MOTOR, 115V. 60 HZ. 3.44 RPM. OPEN FRAME TYPE FOR LIGHT USE. SHAFT 4x5/16" DIA. MOTOR SIZE: 6x2x3 WT: 2 LBS. #2A-1056 \$1.95

ARN-6 BANDSWITCH GEAR AND MOTOR ASSEMBLY, 28 VDC. BENDIX M-4A MOTOR. ASSY. SIZE: 1 1/2x2x3; MOTOR SIZE: 1x2x1 1/2 WT: 3 LBS. \$2.95

B-701/R-107 MOTOR FROM AS-313/ARN-6 LOOP ANTENNA. OPERATES FROM 26 VOLT 400 HZ @ 2750 RPM. WILL OPERATE FROM 12 VDC 60 HZ. SIZE: 3x2x3 WITH 3/8" GEAR. WT: 2 LB. PRICE: USED \$3.95

DELCO PM MOTOR #5069466, 27.5 VDC, 10,000 RPM. IN ALUMINUM CASE GEARED TO WORM GEAR. WORM GEAR 2000 RPM. MOTOR SIZE: 1 1/2x1 1/2x2 1/2; CASE SIZE: 2 1/2x2 1/2x2 WT: 2 LBS. #3H3100A-1 \$3.95

DELCO PM MOTOR 5067125, 27.5 VDC, 10,000 RPM. TWO GOVERNORS, TAPERED SHAFT 3/16x1/16" DIA. MOTOR SIZE: 3x1x1 WT: 5 LBS. \$3.95

PM MOTOR ASSEMBLY & GEAR TRAIN USED IN R-44 RECEIVER FOR REMOTE TUNING. CONTAINS DELCO PM MOTOR #5069370, 10,000 RPM, AND IS GEARED TO TWO SHAFTS WITH A 3" AND 1/2" GEAR WHICH TURN AT 40 AND 80 RPM. ASSY. SIZE: 4x6x3, SHAFT 1/2x1/2" DIA. WT: 3 LBS. #3H3100-15 \$4.95

VICKERS AR-10007G 115 VOLT 50/60 CYCLE SELENOID OPERATED AIR VALVE ONE INLET ACTUATES TUBE PLUNGER 1" STROKE. USED SIZE: 6x4 1/2x2 1/2; 5 LBS. \$18.00

PINCOR BLOWER, CAST ALUMINUM HOUSING. 24 VDC SHUNT MOTOR, 5000 RPM, 10 CFM BLOWER. MOTOR NOISE FILTERED. SIZE: 3 1/2x4 1/2x4 WT: 5 LBS. USED \$2.95

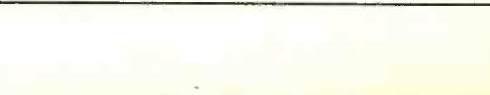
JOHN OSTER 10 CFM BLOWER WITH MOTOR C2BP-1A. 27.5 VDC 0.01 HP, 6000 RPM. SIZE: 3x3x4 1/2 WT: 4 LBS. USED \$3.95

28 VDC BLOWER, 6200 RPM WITH THE OPTION OF EITHER A SHUNT MOTOR TYPE OR PM MOTOR. SIZE: 3x2x3 SHPG. WT: 4 LBS. BLOWER WITH SHUNT MOTOR \$3.95 BLOWER WITH PM MOTOR \$6.95

12724 VOLT DC DUAL BLOWER, APPROX. 50 CFM, 1500 RPM @ 12 VDC; 100 CFM, 3000 RPM @ 24 VDC. SIZE: 10x5x5 WT: 7 LBS. USED \$3.95

LOW SPEED MOTOR, 230 V. 60 HZ, 10 RPM WITH GEARBOX. SHAFT 1/2x1/2" DIA. MOTOR SIZE: 2 1/2x2 1/2x4, WT: 2 LBS. USED \$1.95

PHONOGRAPH MOTOR, 80 VDC 60 HZ. 78 RPM. WILL ALSO OPERATE ON 115V. WITH RESISTOR. ON MOUNTING PLATE. SIZE: 3x3x3 WT: 2 LBS. USED 59%



AY-201 SYNCHRO CONTROL TRANSFORMER, ROTOR 1 PHASE 26 V., STATOR 11.8 V. 400 CYCLE. SIZE: 1 1/2x1 1/2; SHAFT 1/16x2. VARIOUS MANUFACTURE PRICE: REMOVED FROM EQUIP. \$2.95

AY-165 AUTOSYN DIFFERENTIAL, 400 CYCLE, 11.8 V. 3 PHASE ONE TO ONE RATIO. BENDIX & OTHERS. SIZE: 1 1/2x1 1/2. PRICE: REMOVED FROM EQUIP. \$2.95 AY-231 AND AY-232 SAME SPECS. AS ABOVE.

AY-123 AUTOSYN RESOLVERS; 400 CYCLE, ROTOR 2 PHASE 26 VOLT, STATOR 2 PHASE 11.8 VOLT. PRICE: REMOVED FROM EQUIP. \$2.95

AY-177-B1 AUTOSYN DIFFERENTIAL 400 CYCLE 3 PHASE 11.8 V. TO 3 PHASE RATIO 1-1 SIZE: 1 1/2x1 1/2; SHAFT 1/2x1/16 PRICE: NEW \$2.95

SYNCHRO GENERATOR SPERRY#R5663642, MFG. BY BENDIX. SIMILAR TO BENDIX AY-401-2, OPERATES FROM 26 VOLTS 400 CYCLE SINGLE PHASE WHEN USED IN CONJUNCTION WITH AY-201 CONTROL TRANS. IT WILL OPERATE UP TO 20 UNITS. SIZE: 2 1/2x2 1/2; WT: 12 OZ. PRICE: NEW \$2.95

SPERRY RAY-248, RCY-250, RCX-251, 662428, 662-426, 652174 AND OTHERS. PRICE: RE-MOVED \$2.95

HUGHES RESOLVER 810229, 810228, 810227 RM \$2.95 KETAY TRANSFORMER K-101300-20 RE-MOVED \$2.95

23CX4 TRANSMIT. 115 V. 400 CYC USED \$ 8.95
23TX4 " " " " " " 8.95
23TX6 " " " " " " 12.95
23CT4 CON/TRANS. " 400 " " " 8.95
23RS4A RESOLVER 90/90V " " " " 8.95
23CT6 TRANSFORMER 90/1V PER. DEG. "60CY 8.95

2JIHI SELSYN DIFFERENTIAL GENERATOR NORMALLY OPERATES FROM 57.5/57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 26 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM ON PAGE 31. SIZE: 2 1/2x4 1/2; WT: 8oz. PRICE WITH CONNECTOR CAPS.....\$3.95

DAYSTROM TRANScoil CONTROL MOTOR 115 VOLT 60 CYCLE, 1 PHASE, 2 PHASE 200 VOLT CT., 3200 RPM. SIZE: 2 1/2x2, SHAFT SIZE: 1/16x3 WITH GEAR. REMOVED FROM NEW EQUIP. PRICE: \$5.00

GE SELSYN CONTROL TRANSFORMER 57.5/57.5 VOLTS 400 CYCLE. (WILL OPERATE FROM 26 VOLTS 60 CYCLE) SIZE: 2x2; 1 LB. PRICE NEW \$3.95

DIEHL SELSYN TRANSFORMER 812732 115 VOLT 60 CYCLE. (CAN BE OPERATED ON 60 CYCLE WITH CAPACITOR) SIZE: 2 1/2x2 1/2; 3 LB. RE-MOVED \$2.95

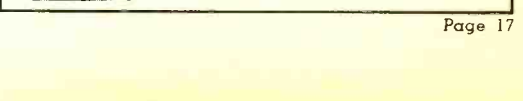
BENDIX LM108JA 24 VDC, 0.04 HP 15,000 RPM, SERIES MOTOR. GENEVA LOC. ACTUATOR. SHAFT ROTATES 1/2 REVOLUTION, STOPS, AND IS LOCKED INTO PLACE UNTIL NEXT CONTACT IS MADE. THEN THE NEXT CYCLE IS REPEATED. APPROX. CYCLE TIME: THREE SECONDS. SHAFT SIZE: 1/2x1/2 DIA. MOTOR SIZE: 4x2 1/2x5 1/2 WT: 2 LBS. USED \$4.95

LINEAR ACTUATOR, STAT. 200, TENS. 40, COMP. 40. ARM TRAVEL 5/16". MOTOR 115V. 400 HZ, 1600 RPM. DUTY 1/10, 0.04 HP. TORQUE: 6.7 IN-OZ. SIZE: 5x5x3 1/2 WT: 5 LB. AIRSEARCH#34930 USED \$3.95

LINEAR ACTUATOR, STAT. 200, TENS 75-100, COMP. 75-100. ARM TRAVEL 3/8". MOTOR 115V. 400 HZ., 0.025 HP 6500 RPM. DUTY 1/10 TORQUE: 3.9 IN-OZ. SIZE: 5x8 1/2x4 1/2 WT: 5LB AIRSEARCH#3D146-120 USED \$3.95

RATCHET MOTOR, 24 VDC 60 RPM CONTINUOUS. ALSO THREE POSITION STOP. BAND SWITCH ASSEMBLY AS USED IN R-5/ARN-7 COMPASS RECEIVER. UNIT WILL ALSO OPERATE FROM 18 TO 24 VDC. SIZE: 3x4x1 1/2 WT: 2 LBS. #609-ARN-7 \$1.25

GENERAL INDUSTRIES HEAVY DUTY PHONOGRAPH MOTOR, 115 VOLT AC 60 HZ. 33-1/3 RPM. SIZE: 4x4x4 WT: 6 LBS. G1#4483 USED \$1.95



1.5 TO 18 MHZ RECEIVER



AN/GRR-5 RADIO RECEIVING SET FOR USE IN THE 1.5 TO 18 MHZ RANGE, 4 BANDS 115 VOLTS 50 OR 60 CYCLE, 6, 12, 24 VDC OR DRY CELL BATTERIES 90 AND 1.5 VDC. CAN BE USED FOR OPERATION THE SET CONSISTS OF THE R-174 RECEIVER WHICH IS A SUPERHETRODYNE RECEIVES AM, CW AND MCW SIGNALS, WITH CONTINUOUS TUNING

AND FACILITIES FOR PRESETTING ANY 10 CHANNEL FREQ., 200 KHZ CRYSTAL CALIBRATOR, 455 KHZ IF WITH TUBES 1/3V4, 3/1R5, 3/1L4 & 1/1U5. THE OUTPUT OF THE REC. IS FEED INTO A HEAVY DUTY 4" SPEAKER THAT IS PART OF THE PP-308 POWER SUPPLY AND TO OUTPUT PHONE JACKS ON THE REC. PP-308 POWER SUPPLY FURNISHES ALL THE VOLTAGE REQUIRED WHEN ANY OF THE POWER SOURCES ARE APPLIED AS STATED ABOVE AND IT ALSO CONTAINS THE SPEAKER. BOTH UNITS ARE MOUNTED IN A TWO COMPARTMENT CABINET THAT IS SHOCKMOUNTED. PP-308 IS SUPPLIED WITH TUBES 2/6AG7, 1/1007 & 1/0B2.

SIZE: 13 1/2 x 8 1/2 x 12 1/2; WT: SHPG. 75 LBS. ACTUAL 62
PRICE: USED, REPARABLE \$49.50 CHECKED \$59.50
POWER INPUT PLUG ONLY \$2.00; FIVE (5) FT AC LINE CORD 50¢; 15 FT. DC CORD \$1
MANUAL FOR AN/GRR-5 \$7.50

R-392/URR RECEIVER



R-392/URR RADIO RECEIVER 500 KHZ TO 32 MHZ IN 32 BANDS OF 1 MHZ EA. EXCEPT 500 KHZ TO 1MHZ IS 1/2 MHZ. TYPE SIGNAL IS CW, MCW, VOICE AND FREQ. SHIFT KEYING. TRIPLE CONVERSION ON LOWER EIGHT BANDS, DOUBLE ON ALL OTHERS. CONTINUOUS TUNING READ DIRECTLY ON

COUNTER TYPE INDICATOR; BUILT-IN CRYSTAL CALIBRATOR, 100 KHZ POINTS. WITH 25 TUBES OF 26A7, 26A6, 12AU7, 26C6, & 26D6. POWER REQUIRED FOR OPERATION: 24/28 VDC @ 3 AMPS. HIGH PERFORMANCE, RUGGED DESIGN. PORTABLE. SIZE: 11 1/2 x 14 1/2 x 11 WT: 52 LBS. SHPG. WT: 70. PRICE: USED, REPARABLE \$295. CHECKED \$350. POWER INPUT PLUG \$2.00, MANUAL \$10.00

38 TO 54 MHZ RECEIVER



R-110 RECEIVER 38 TO 54 MHZ FM CONTINUOUSLY TUNEABLE, VARIABLE SQUELCH AND AUDIO, OUTPUT IMPEDANCE 600 OHMS. 4.3 MHZ. 1.F. WITH TUBES 3/1U4, 2/1L4, 1A3, 2/3A5, 1S5, 2/3Q4, 2/5A5 & 0B2. VOLTAGES REQ. 135 VDC @ 70 MA. AND 12 VOLTS @ 2 AMPS.

SIZE: 9x13x7 1/2; WT: 32 LBS. USED \$49.50

R-108 RECEIVER, SAME AS R-110 ABOVE EXCEPT 20-28 MHZ. USED \$29.95

R-109 RECEIVER, SAME AS R-110 ABOVE EXCEPT 27-39 MHZ. USED \$39.95

PP-282 POWER SUPPLY 24 VDC FOR R-108-109-110 RECEIVERS. MOUNTS INSIDE REC. USED \$5.95

SHOCKED-MOUNTINGS FOR GRC SERIES RADIO SETS. ALL HAVE APPROPRIATE CABLES & CONNECTORS

THAT GO FROM THE MTG. TO THE SET & BATTERY, BUT THEY DO NOT HAVE JUMPER CABLE UNIT-UNIT.
MT-297/U HOLDS R/T, PS, REC., RT-70, AM-65, C434
SIZE: 3 3/4 x 1 3/4 x 4 1/2; WT: 75 LBS. USED \$25.00
MT-298/U HOLDS TWO (2) R/T & TWO (2) PS.
SIZE: 3 7/8 x 1 3/4 x 4 1/2; WT: 85 LBS. USED \$20.00
MT-299/U HOLDS ONE RT-66, 67, OR 68 & ONE PS
SIZE: 1 8/16 x 1 3/8 x 4; WT: 50 LBS. USED \$15.00
MT-300/U HOLDS (1) RT-70 & AM-65 (PIGGYBACK)
SIZE: 8 1/2 x 1 3/8 x 3 3/8; WT: 25 LBS. USED \$10.00
MT-791/U NO CABLES. FOR SINGLE UNITS SUCH AS REC. MD, CV, GSA, PP, ETC.
SIZE: 8 1/2 x 1 3/8 x 3 3/8; WT: 18 LBS. USED \$ 7.95

RECEIVER-TRANSMITTER

RT-68/GRC RECEIVER - TRANSMITTER, 38 TO 54.9 MHZ RANGE CONTINUOUSLY TUNEABLE OR 100 KHZ-STEP DE-TENT CHANNELS OR TWO PRE-SET CHANNELS. RECEIVES AND TRANSMITS BOTH VOICE AND 1600 HZ RINGING FM SIGNALS. THE OVERALL COMMUNICATION RANGE IS FROM 10 TO 15 MILES.



THE RECEIVER CIRCUIT IS A DUAL-CONVERSION SUPERHETERODYNE TYPE WITH THE 1ST IF VARIABLE FROM 4.45 TO 5.45 MHZ AND THE 2ND IF FIXED AT 1.4 MHZ. THE RECEIVER HAS A VARIABLE SQUELCH CONTROL AND A 600 OHM OUTPUT IMPEDANCE. THE TRANSMITTER CIRCUIT USES A CRYSTAL-CONTROLLED OSCILLATOR AND OSCILLATOR POWER AMP AND PUTS OUT 2 WATTS ON LOW POWER VOLTAGE OR 16 WATTS ON HIGH POWER VOLTAGES SUPPLIED FROM THE POWER SUPPLY SOLD SEPARATELY. THE RT-68 ALSO PROVIDES A METER AND TEST SWITCH TO MONITOR TRANSMITTER POWER OUTPUT FILAMENTS AND THE 90 VOLT INPUT. WITH TUBES 4/1U4, 2/1A3, 2/1L4, 4/1R5, 2/1A64, 1S5, 4/3Q4, 3/3A5, 2/3B4, 3A4, 6AK5 AND 2E24. SIZE: 9x13x11 1/2 WT: 42 LBS. USED \$75.00

RT-66/GRC RECEIVER-TRANSMITTER SAME AS RT-68 ABOVE EXCEPT 20-27.9 MHZ RANGE. USED \$39.50

RT-67/GRC REC-TRANS. SAME AS RT-68 EXCEPT 27-38.9 MHZ RANGE. REPARABLE \$49.50 NEW \$75



PP-112/GRC 24 VOLT POWER SUPPLY FOR THE RT-66, 67 AND 68 SERIES RECEIVER-TRANSMITTERS. THIS UNIT SUPPLIES ALL THE NECESSARY VOLTAGES FOR THE RECEIVER AND TRANSMITTER CIRCUITS. INCLUDES LOW AND HIGH POWER SWITCH FOR THE TRANSMITTER SECTION.

SIZE: 9x13x7 1/2 WT: 38 LBS. USED \$21.95

PRC-10 RECEIVER-XMITTER

RT-176/PRC-10 RADIO RECEIVER-TRANSMITTER; PORTABLE UNIT OPERATING FROM 38 TO 54.9 MHZ FM VOICE COMMUNICATIONS.

THE RECEIVER SECTION HAS AN IF OF 4.3 MHZ AND AN AUDIO OUTPUT IMPED. OF 600 OHMS. TRANSMITTER OUTPUT IS 0.9 WATTS WITH A NORMAL RANGE OF ABOUT FIVE MILES. MICROPHONE INPUT IMPED. 150 OHMS. BOTH RECEIVER AND TRANSMITTER SECTIONS ARE CONTINUOUSLY TUNEABLE. WITH CONTROLS FOR VOLUME, TUNING, SQUELCH, POINTER ADJUST AND DIAL LOCK. CONNECTOR FOR EXTERNAL SPEAKER. WITH TUBES 9/5678, 2/5672, 3/5676, 1A4 AND 5A6. POWER REQUIRED: 135 VDC, 67 VDC AND 1 1/2 VDC. LESS BATTERY CASE. ACCESSORIES LISTED ELSEWHERE. SIZE: 9 1/2 x 3 x 10 1/2 WT: 9 LBS. RT-176/PRC-10 USED \$19.95



RT-175/PRC-9 SAME AS PRC-10 EXCEPT 27 TO 38.9 MHZ. USED \$24.95 Gov't. RE-COND. \$29.95



AM-598 AMPLIFIER-POWER SUPPLY, PICTURED WITH PRC-10. OPERATES FROM 24 VOLT SOURCE AND FACILITATES HEADSET OR SPEAKER MONITORING. PRC-8, 9 OR 10 PLUGS DIRECTLY INTO TOP. WITH TUBES 2/26E6, 2/12AT7, 26Z5 AND 0C3. SIZE: 11 1/2 x 11 1/2 x 10 1/2 WT: 38 LBS. USED \$18.95

ACCESSORIES

BATTERY CASE CY-744/PRC.....USED \$3.00
AT-272A GOOSENECK ANTENNA BASE...NEW \$1.50
AT-272 RIBBON ANTENNA SECTION...USED \$1.50
AM-598 SHOCKMOUNT.....USED \$2.00

H-33/PT HANDSET W/UG-77 PLUG, USED WITH GRC & VRC EQUIPMENT USED \$5.95
M-29/U MICROPHONE W/UG-77 PLUG USED \$3.95
CONNECTOR PLUGS F/GRC & VRC \$2.50
CX-1211 CABLE ASSY (DOGBONE) 14 COND. \$4.95
CX-1213 " " " 9 " " \$4.95
LS-166/U LOUDSPEAKER 4" HEAVY DUTY PM IN ALUM CASE, 8 OHM OUTPUT, 600 OHM INPUT, HIGH-LOW SW. & UG-77 PLUG. SIZE 5x5x3 1/2; 5 LB"U" \$8.95

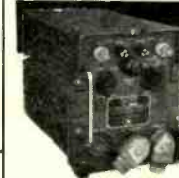
PRC-6 WALKIE-TALKIE



RT-196/PRC-6 RECEIVER-TRANSMITTER F.M. 47 TO 55.4 MHZ, CRYSTAL CONTROLLED ONE PRESET CHANNEL, ABOUT 1 MILE DEPENDING ON TERRAIN AND CONDITIONS. HANDHELD UNIT HAS PUSH TO TALK SWITCH MIC., PHONE, FOLD DOWN ANTENNA, SHOULDER STRAP ETC. ALSO PROVISIONS FOR USING H-33/PT HANDSET. WITH TUBES 6/5678, 3/5672, 2/5676, 3B4. POWER REQ. 1.5, 45, AND 90 VDC, USUALLY SUPPLIED BY BA-270 BATTERY (DRY) NOT AVAILABLE. SIZE: 15x5x4 1/2; WT: 5 LBS. USED \$24.95



LS-166/U LOUDSPEAKER; HOUSED IN CAST ALUMINUM CASE, SPEAKER IS 4" WITH HEAVY DUTY P.M. MAGNET, MATCHING TRANS. 600 OHM INPUT, 8 OHM OUTPUT WITH HIGH-LOW SWITCHING, 6 FT. CORD WITH UG-77 CONNECTOR PLUG FOR USE WITH MOST GRC, VRC SERIES SETS. SIZE: 5x5x3 1/2; 5 LBS. USED \$8.95



AC POWER SUPPLY

PP-1175A/SR 115 VAC 60 HZ POWER SUPPLY; PROVIDES ALL VOLTAGES OF RT-66, 67 & 68 AND ALSO OF R-108, 109 & 110. TRANSISTORIZED. SIZE: 9x7 1/2 x 14 WT: 40 LBS. PRICE: USED \$39.50
POWER CONNECTOR \$2.50 AUX-REC CONN. \$2.50
CX-1211 CONNECTS TO REC-TRANS. \$4.95

ME-61/GRC FIELD STRENGTH METER 1.4 TO 24 MHZ IN THREE RANGES. WITH VARIABLE TUNING, SENSITIVITY CONTROL, 1 1/2" SQUARE METER, PHONE JACK AND ANTENNA. SIZE: 5x5x4 1/2 WT: 5 LBS. PRICE: NEW \$34.95



RT-70 RECEIVER-TRANSMITTER 47 TO 55.4 MHZ FM VOICE COMMUNICATIONS.

FEATURES CONTINUOUS TUNING OR TWO PRE-SET CHANNELS AND PUSH-TO-TALK TRANSMISSION. THE RECEIVER CIRCUIT IS THE DUAL CONVERSION TYPE WITH THE 1ST IF 4.3 MHZ AND THE 2ND IF 1.4 MHZ. WITH VARIABLE SQUELCH CONTROL. 600 OHM AUDIO OUTPUT IMPEDANCE. THE TRANSMITTER CIRCUIT HAS A 500 MW OUTPUT AND AN AUDIO INPUT IMPED. OF 150 OHMS. POWER REQUIRED: 90 VDC @ 80 MA, 6.3 @ 360 MA AND 6.3 @ 160 MA. WITH TUBES: 6/1U4, 3/1L4, 2/1R5, 1S5, 1A64, 4/3Q4, 3A5, AND 3B4. RELATED ACCESSORY EQUIPMENT LISTED ELSEWHERE. SIZE: 4 1/2 x 13 x 8 WT: 20 LBS. USED \$22.95



AM-65/GRC AUDIO FREQUENCY AMPLIFIER; THREE CHANNEL AUDIO FREQ. AMPLIFIER USED FOR INTERPHONE AND MONITORING OF VARIOUS TYPE GRC REC-TRANS. POWER REQUIRED: 135 VDC. @ 35 MA AND 6, 12 OR 24 VDC. SIZE: 4 1/2 x 13 x 8 WT: 17 LBS. USED \$14.95

PP-282/GRC 24 VDC POWER SUPPLY USED WITH THE AM-65 AND RT-70. THIS UNIT PLUGS INSIDE THE AM-65 AND SUPPLIES THE VOLTAGES FOR BOTH AM-65 AND RT-70. SIZE: 4 1/2 x 6 x 3 WT: 6 LBS. USED \$5.95

COMBINATION OFFER

WHEN THE RT-70, AM-65 AND PP-282 ARE PURCHASED TOGETHER. ALL THREE FOR \$35.00


TECH MANUALS WITH SCHEMATICS FOR:
RT-196/PRC-6...\$7.50
PRC-8, 9 & 10...\$7.50
RT-66, 67 & 68...\$5.00
RT-70...\$5.00
R-108, 109 & 110...\$7.50
AM/GRC-3-8, CONTAINS INFO AND SCHEMATICS FOR RT-66, 67, 68, RT-70, R-108, 109, 110, AM-65 AND PP-109 & 112...\$8.50
AM-598...\$3.00
PP-109 & 112...\$5.00
AM-65...\$5.00
R-108, 109 & 110...\$7.50

Control Boxes Filters Indicators Tuning Units Amplifiers


ALARM BELL
OPERATES FROM
24 VOLT D.C.
SIZE: 4 1/4 x 4 1/2 x 2 1/2
WT: 1LB #561-3
NEW \$1.95




FL-30 BEAM FILTER
AIR FORCE TYPE
WITH SWITCH FOR
ACCEPTING OR REJ-
ECTING 1020 CYCLE
SIGNAL FOR REC.
WITH JK-26 & PL-55 PLUGS.
SIZE: 2 1/2 x 2 1/2 x 3 1/2; 1LB. USED \$3.



1-101 CROSS
POINT INDICATOR
FOR COMBINED USE
FROM LOCALIZER
REC. & GLIDE PATH
REC. PART OF 1/RN-
5 & RC-103. SIZE 3 1/2 x 3 1/2 x 3
WT: 3LBS. RECOND. \$2.95




SHAFT EXTENDER-
COUPLER-INSUL-
ATOR, CAN BE
USED FOR ANY OF
THESE PURPOSES. METAL COUPLER
1 1/2" LG. 3/8" DIA. WITH 2
SET SCREWS ON EA. END. FOR
3/8" SHAFT ALSO HAS FIBER INSULATED
SHAFT 3/8" LG. WITH
SLOTTED END.
#T-278-C 39¢ EA. 3 FOR \$1



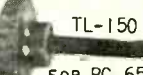
NOISE-VOICE
ACTIVATED
TRIGGERING
DEVICE

WHEN
CONN-
ECTED
TO 6 -
9 VOLTS
AND A
RELAY
OF THE
SAME
VOLTAGE THE RE-
LAY CAN BE ACTI-
VATED BY NOISE

RM-21 CONTROL BOX
WITH HANDSET HOLDER
3 PUSH SWITCHES,
VOLUME CONTROL, MIC
AND PHONE JACKS ETC
SIZE: 10 1/2 x 7 1/2 x 2 1/2; 8 LB
PRICE; NEW \$3.95



TL-150 TUNING WAND
FOR BC-659, BC-620 \$7.75



CAMERA LIGHT FILTER
GRAY COLOR 50%
TRANS. SCREW IN
MOUNTING. 2-23/32
69MM DIA. WRITTEN
DENSITY .30 FOR
WOLLENSAK TYPE V254 MM F4.5
35 MM P/O PH330G CAMERA
8A1101-50.4 \$1.95




FLEXIBLE
COUPLING

METAL FLEXIBLE COUPLING 2"
x 1 1/2" FOR 1/4 TO 1/4 SHAF
COUN002 EA. \$.40

OR VOICE. UNIT CONSISTS OF
CRYSTAL MIC. TRANSISTOR, SCR
POT. FOR ADJUSTING SENSITI-
VITY. W/SCHEMATIC, LESS BATT
AND RELAY. SIZE: 1 1/2 x 1 1/2; 2 oz.
LEE#5355 PRICE: \$1.95 3/\$5

C-345A/MRC-2
CONTROL BOX
HAS VOLUME
CONTROLS,
PHONE & SPEA-
KER JACKS,
FOR TWO RECEI-
VERS A & B.
ALSO 2 1/2 FT CORDS W/PL-68
PLUGS TO CONNECT THE UNIT
WITH A & B. 6x3x2 WT: 4LB
PRICE: \$3.95



SIDE BAND
Loading Coil
C-114 - \$1.50




PHONE PATCH
TRANSFORMER
C-161 - \$1.50




CONNECTORS

PL-58 AND JK-37 THREE
PRONG PLUG AND JACK.
PLUG IS KEVED TO
PREVENT INSERTING
PLUG BACKWARDS.
2x3x1 1/2 EACH \$.59
PAIR 1.00



INSULATED FLEXIBLE COUPLING
1 1/2" x 1 1/2" FOR 1/4" SHAFT.
COUN003 \$.25

INDICATOR N-S E-W
W/GEAR TRAIN, IN-
NER & OUTER DIALS
COUPLED TO 20,000
OHM 1% POT. U/WITH
APA-44. 3 1/2 x 4 1/2; 1LB
N-S #153223 \$4.95
E-W #153229 \$4.15



SB-329 SIGNAL
DISTRIBUTION
CONTROL BOX
USED W/ARC-44
RADIO SET.
CONTAINS 4 POS. SEL. SWITCH
VOL CONT, 2 IND. LITES WITH
327 LAMPS, MINATURE SWITCHE
2x2x2 3/SPDT, 1/SPDT & 1/DPD
1x2x2. SIZE: 2 1/2 x 5 1/2 x 4 1/2; 5 LB
PRICES: USED \$3.95 NEW \$7.95




HORN

AIRCRAFT HORN
SIGNAL WARNING
EMERGENCY.
TYPE J-1 PART#
71918 24 VOLT
DC. 4" x 1 1/2" 1LB.
PRICE: \$2.00

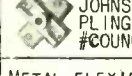


CONNECTOR PLUGS


15 CONTACT
SIZE: 2 1/2 x 1 1/2 x 1 1/2
PER PAIR \$1.50 P-601



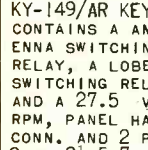
JOHNSON CERAMIC COU-
PLING 2x2 F 1/2" SHAFT
#COUN006 59¢ 2 FOR \$1



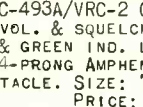
HYDROPHONE UNIT
MAGNETOSTRICT+G
ION TYPE 20 KC
RESONANT FREQ.
THIS A STANDARD
SECTION OF A
COMPLETE ASSY.
AS USED IN AN/
SCS-10 SONAR.
SIZE: 3 1/2 x 5 1/2 x 1 1/2;
WT: 3LBS. 75446/Y901 \$5.95



KY-149/AR KEYS
CONTAINS A ANT
ENNA SWITCHING
RELAY, A LOBE
SWITCHING RELAY
AND A 27.5 VDC PM MOTOR 60
RPM, PANEL HAS 4 BNC COAX.
CONN. AND 2 PIN POWER PLUG.
SIZE: 2 1/2 x 5 x 7; 3 LB. NEW \$8.95



C-493A/VRC-2 CONTROL BOX w/
VOL. & SQUELCH CONTROLS, RED
& GREEN IND. LIGHTS, AND STD
4-PRONG AMPHENOL MIKE RECEPT-
ACLE. SIZE: 7x2 1/2 x 2 1/2; WT: 3LB
PRICE: UNUSED \$2.95




CONNECTOR PLUGS

18 CONTACTS
2 1/2 x 2 x 1
P-2802
PER PAIR \$2.00

35 CONTACT CONNECTOR
MALE #621905
FEMALE #407375
SIZE 2 1/2 x 1 NO COVER \$1.50 pr.

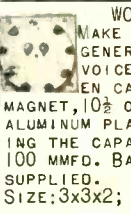
TERMINAL
BOARD, P/O
BD-71

SWITCHBOARD. HAS 15 BRASS
BINDING POSTS ON INSULATING
BOARD SIZE 3 1/2 x 16 x 2; WT: 3LB
PRICE: \$1.50 EACH 4/\$5.00




WOBLULATOR

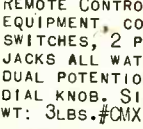
MAKE A SWEEP SIGNAL
GENERATOR WITH THIS
VOICE COIL TYPE DRIVEN
ELECTRIC CAPACITOR, ALNICO
MAGNET, 10 1/2 OZ. VIBRATES A
ALUMINUM PLATE THEREBY VAR-
ING THE CAPACITY FROM 5 TO
100 MMFD. BASIC INFORMATION
SUPPLIED. #Y-101/APN-1
SIZE: 3x3x2; WT: 1 1/2 LBS.
CRACKED CERAMIC \$2 Good \$3




LS-230 INTERCOMM
UNIFICATION STATION
CONTROL BOX
CONTAINS 3 ROTARY
3 POSITION
LEVER CONT. SW
1 LEVER SW. DP
DT CENTER OFF,
OTHERSIDE SPST 1 SIDE,
OTHERSIDE SPST MOM. & CENTE
OFF. 3 LITE IND. PHONE &
MIKE JACK & 1 MIN. TRANSFOR
50 TO 500 OHM. SIZE: 7x5x2 1/2;
WT: 3 LBS. PRICE: \$5.95



REMOTE CONTROL BOX FOR TCS
EQUIPMENT, CONTAINS 3 SPST
SWITCHES, 2 PHONE AND MIC
JACKS ALL WATERPROOF, 1
DUAL POTENTIOMETER WITH
DIAL KNOB. SIZE: 5 1/2 x 5 1/2 x 3,
WT: 3LBS. #CMX23429 NEW \$1.00

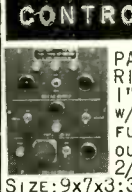


GENERAL ELECTRIC
HEAVY DUTY
MULTI-SWITCH
FOUR CONTACT 3
POSITION & OFF.
POS. 1 & 2, 2 & 3, AND 3&1
SIZE: 5x4x2 1/2; WT: 3 LBS.
GE#16S16GF11X4/SR-1 \$4.95




CONTROL PANEL


PANEL, POWER DIST
RIBUTION WITH 4
1" INDICATOR LITES
w/115v LAMPS, 5
FUSE HOLDERS, A.C
OUTLET, 2/SPDT AND
2/4PST SWITCHES.
SIZE: 9x7x3; 3LB. #RD-54P \$4.50




VERNIER DIAL 6"
2 SCALES WITH
LOCK. USED ON
TAJ TRANSMITTER
MO TUNING, 5 LBS.
\$3.50



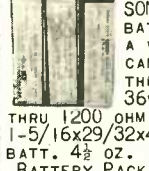
O-423/AR RELAY
OSCILLATOR.
PROVIDES MEANS
FOR USING THE
TRANS. AS A RF
SOURCE FOR TUN-
NING THE REC.
WHEN USED IN THE COMPLETE
SYSTEM. CONTAINS 5/24 VDC
CERAMIC RELAYS, 2 MIN. VOL
CONT. 2-BNC COAX. CONN. ETC
SIZE: 4x5x2; 3 LBS. NEW \$5




FLASHER POSITION
LIGHT, PERIODIC
AIRCRAFT TYPE
C-2, CONTAINS
2 FLASHER G-107
BALLAST TUBE,
24VDC RELAY DPDT, COND. RES.
SIZE: 4x4x4; WT: 2 LBS. USED
PRICE: \$1.00 EA. 2/\$1.50



BB-208/AMT RADIC
SONDE DRY CHARGE
BATTERIES, 4 IN
A VACUUM PACKED
CAN, ONE 6V 2 1/2 HR
THRU 30 OHMS, 3
36V EA. 3A HR.
THRU 1200 OHM EA. BATT. SIZE
1-5/16x29/32x4-5/32; WT. EA.
BATT. 4 1/2 OZ.
BATTERY PACK (4) .59



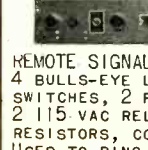
PANEL CONTROL WITH
3 DECK 4 POS. CER-
AMIC WAFER SW. 2
DPST SW. 1/DPDT SW.
1/8 OHM 25 W. RHEO
FUSE HOLDER/KNOBS.
SIZE: 9x7x3; 2 LBS.
RD-54/584 \$2.25



VIBRATORS

500: 0.65 AMPS. 2 1/2 x 2 1/2 x 1 1/2 IN.
4 OZ, # 7499 \$.75
SIMILAR TO ABOVE OPEN
TORROIDAL. RATING 250: 2
AMPS 400 CPS. WEST. TYPE
AVT-15A 3x3x1, 8 oz. \$.75

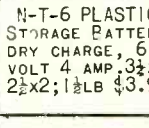
REMOTE SIGNALING PANEL WITH
4 BULLS-EYE LIGHTS, 2 SPST
SWITCHES, 2 FUSE HOLDERS,
2 115 VAC RELAYS, LINE CORD
RESISTORS, COND. ETC.
USED TO RING BELL AND SIGNAL
OPERATOR AT REMOTE STATION
LISTED BELOW. (LESS BELL)
19x3 1/2 x 3 1/2; WT: 6 LBS.
K53-1604 NEW \$3.95




BC-1152 SCOPE
INDICATOR 3"
CATHODE RAY
TUBE 3HP7, 1/
6H6. CONTROLS
FOR CENTERING
HOR. VERT. AZIM. INTENS.
FOCUS & SCALE ILLUM. CABLES
WITH 3 PL-259 COAX. CONN.
H.V. PLUG. & CONTROL PLUG.
SIZE: 14x5x5; WT: 10 LBS.
PRICE: USED \$4.95



N-T-6 PLASTIC
STORAGE BATTERY
DRY CHARGE, 6
VOLT 4 AMP, 3 1/2 x
2 1/2 x 2; 1 1/2 LB \$3.95



CURRENT TRANSFORMER
FOR USE WITH
AC AMMETER, MOLD-
ED TORROIDAL CONST
200/115 V 400 CPS
CURRENT RATING

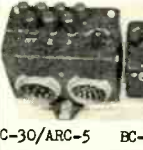


VB-16/6, 12 OR 24 VOLT
FOR PE-237 \$3.95
TYPES LISTED BELOW
\$1.95 EACH
VB-1/6VOLT FOR PE-117
PE-97 & PE-237
SAME AS VB-7
VS-3/6VOLT FOR PE-104
SAME AS MALL-5500
G534/12 VOLT FOR PE-110
VB-8/2 VOLT FOR PE-157
VB-9/6 VOLT FOR PE-157
VB-11/24 VOLT FOR PE-12
VB-12/6 VOLT FOR PE-120
VB-13/12 VOLT FOR PE-12


REMOTE STATION LINE
PANEL BOX HAS THREE
POSITION SELECTOR
SWITCH, 2 BULBS EYE
INDICAYOR LIGHTS, 115 VAC
LINE CORD ETC. (NO BELL INC
3 1/2 x 6 x 4; 3LB.
#K-53-1604S NEW \$1.95



C-30/ARC-5 BC-451 BC-136/2
C-30/ARC-5 CONTROL BOX WITH 7
push button switches marked A, B,
C, D, OFF, 1 & 2. Also tone, CW & voice
switch & connectors.
Price.... \$1.00



WILLARD PLASTIC
STORAGE BATTERY.
2 VOLT 28 AMP. HOUR NON-
SPILLABLE, BALL INDICATOR
DRY CHARGE, ADD ELECTROLYTE
SIZE 4x5x3; WT: 4LB. \$2.95




RIGHT ANGLE DRIVE
WITH SPIN KNOB AND
1 1/2" DIAL INDICATOR.
1 1/2 x 5/16 SPLINE SHAFT.
2 1/2 x 1 1/2 x 1 1/2; #9922 \$1



SILVER CELL

SILVER CELL DRY
CHARGE BATTERY, 1.5
V. APPROX. 8 AMP.
MIN. REQ. 3.4 CC OF
1,300 SPECIFIC GRAVITY POTAS-
SIUM HYDROXIDE FOR ACTIVA-
TION. SIZE: 1 1/2 x 1 1/2 x 3/8; #EP148E
PRICE: \$3.95 EA. 3 FOR \$10



BB-51 BATT
ERY 6 VOLT
2.75 HOURS
THRU 300HME
LEAD CELLS
SIZE 1 1/2 x 3 1/2
x 7/8. 5 OZ.
DRY CHARGE
PRICE:
3 FOR \$1.00

BB-52 BATTERY, SAME AS
BB-51 EXCEPT 36V. EA. 3A.
HR. THRU 1200 OHM.
PRICE 3 FOR \$.95

MINIMUM ORDER \$5.00

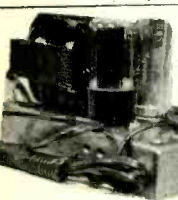


RECEIVER POWER SUPPLIES AND SPEAKER FOR THE FOLLOWING:
 R-23/ARC-5 BC-453 BC-342
 R-24/ARC-5 BC-454 BC-344
 R-25/ARC-5 BC-455 BC-348
 R-26/ARC-5 BC-946 BC-429
 R-27/ARC-5 R-108, 109, 110

COMPLETE WITH DYNAMIC SPEAKER HOUSED IN A METAL CABINET WITH CONNECTING CABLE, PLUG, PHONE JACK, VOLUME CONTROL, BFO SWITCH, ETC. IF APPLICABLE. CAN ALSO BE USED FOR OTHER SETS. OUTPUT: 200/250 VDC @ 90/60 MA AND 24 VAC @ 2 AMPS. INPUT: 115 VAC 60 HZ.

PLEASE SPECIFY THE TYPE SET. DIMENSIONS AND PARTS OF THE POWER SUPPLIES MAY VARY WITH AVAILABILITY OF MATERIALS. 9 1/2 x 6 1/2 x 5 WT: 10 LB
 PRICES: KIT OF PARTS \$20.00 WIRED \$23.00

BC-652 RECEIVER POWER SUPPLY WITH SPEAKER SAME AS ABOVE; KIT \$20.00; WIRED \$23.95



BC-603/BC-683 RECEIVER P.S. DESIGNED TO BE PLUG IN-TO THE SAME PLACE AS THE DYNAMOTOR WITH NO CONVERSION TO THE SET THAT WILL EFFECT THE OPERATION FROM THE DYNAMOTOR. ONLY WORK REQUIRED TO ADD ON/OFF SWITCH IN PLACE OF SPAR FUSE HOLDER. TRANSFORMER TYPE USING 5Y3GT TUB

OUTPUT 220 VDC, 80 MA. & 24 VDC 2 A. WT: 5 LBS.
 PRICES: KIT OF PARTS \$14.00 WIRED \$18.00



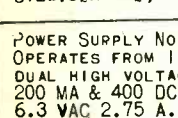
PE-1100 POWER SUPPLY FOR BC-669 TRANSMITTER-RECEIVER. INPUT 115 VOLT 60 CYC. OUTPUT 520 VDC @ 420 MA. A 12 VDC VIBRATOR TYPE POWER PACK WITH AN OUT PUT OF 275 VDC @ 64 MA THAT PLUGS INTO THE CHASSIS SERVES AS A RECEIVER STANDBY. INCLD. FOUR 5Z3 TUBES, RESET CIRCUIT BREAKERS, A.C. OUTLETS, AND POWER OUTPUT PLUGS.

SIZE: 20 1/2 x 9 1/2 x 12; WT: 100 LBS. UNUSED \$30.00



RA-133 POWER SUPPLY; VOLTAGE REGULATED FOR BC-221, TS-175 AND SIMILAR TYPE FREQ. METER INPUT 115/230 V. 50/60 CYCLE OUTPUT 125 VDC & 6.3 VAC. FITS IN BATTERY COMPARTMENT.

SIZE: 8 1/2 x 7 x 4 1/2; WT: 10 LBS. USED \$24.95



POWER SUPPLY No. 7630019. OPERATES FROM 115 VOLT 60 CYCLE DUAL HIGH VOLTAGE OUTPUT 400 DC 200 MA & 400 DC 200 MA. ALSO 6.3 VAC 2.75 A. & 6.3 VAC 5.5 A WITH 2/5R4GY TUBES.

SIZE: 10 x 7 x 15; WT: PRICE: \$19.95

CABLE WITH 18 CONTACT PLUG TO FIT P.S \$2.00



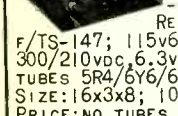
POWER SUPPLY No. 7630020VR VOLTAGE REGULATED, OPERATES FROM 115 VOLT 60 CYCLE, OUTPUT 200-250 DC. @ 150-250 MA. ALSO 6.3 VAC 2.75A & 6.3 VAC 5.5 TUBES 2/6AS7G, 1/VR-105, 1/6AK7 & 1/5R4G. WT: 30 LBS.

SIZE: 11 1/2 x 10 1/2 x 6 \$18.95

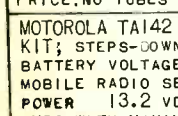
CABLE WITH 18 CONTACT PLUG TO FIT POWER SUPPLY PLUG, 4 FOOT \$2.00



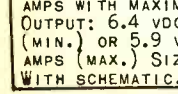
TRANSISTORIZED POWER SUPPLY INPUT 115 VOLT 60 CYCLE, OUTPUT 200 VDC 300 MA. SIZE: 5 x 4 x 5; 15 LBS. 5820-805-3930 NEW \$22.95



REGULATED P.S. F/TS-147; 115V60CY, OUTPUT 300/210VDC, 6.3VAC 1.7A. REG. TUBES 5R4/6Y6/6SH7 & 2/0C3 SIZE: 16 x 3 x 8; 10 LBS. #PS-147 PRICE: NO TUBES \$6 WITH \$9



MOTOROLA TA142 CONVERTER KIT; STEPS-DOWN VEHICULAR BATTERY VOLTAGE FOR 6 VDC MOBILE RADIO SETS. INPUT POWER 13.2 VDC @ 28.2 AMPS WITH MAXIMUM LOAD. OUTPUT: 6.4 VDC @ 30 AMPS (MIN.) OR 5.9 VDC @ 50 AMPS (MAX.) SIZE: 7 1/2 x 10 1/2 x 8 1/2 WT: 23 LBS. WITH SCHEMATIC. PRICE: UNUSED \$14.95



DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE CORD, PILOT LIGHT, LINE FUSE ETC. INDICATED RATINGS ARE FOR LOAD CONDITIONS.

DUAL OUTPUT 12/14 OR 24/28 VDC @ 6 AMPS. SIZE 7x6x13; WT: 17 STK#PS-12/24VDC6A

KIT OF PARTS... \$20.00
 WIRED COMPLETE... \$24.95



OUTPUT 12/14 VOLTS DC @ 6 AMPS. SIZE: 5 1/2 x 9 1/2 x 5; WT: 20 LBS. STK#PS-12VDC6A

KIT OF PARTS... \$14.00
 WIRED COMPLETE... \$18.95

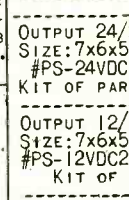


OUTPUT 24/28 VOLTS DC @ 4 AMPS SIZE: 5 1/2 x 9 1/2 x 5; WT: 12 LBS. STK#PS-24VDC4A

COMPLETE WIRED... \$17.95
 KIT OF PARTS... \$13.00

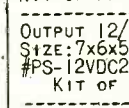
OUTPUT 12/14 VOLTS DC @ 4 AMPS. SIZE: 5 1/2 x 9 1/2 x 5; WT: STK#PS-12VDC4A

COMPLETE WIRED... \$14.95
 KIT OF PARTS... \$10.00



OUTPUT 24/28 VOLTS DC @ 1 1/2 A. SIZE: 7x6x5; WT: 6 LBS. #PS-24VDC1.5A WIRED... \$10.95

KIT OF PARTS \$8.00



OUTPUT 12/14 VOLTS DC @ 2 AMF SIZE: 7x6x5; WT: 7 LBS. #PS-12VDC2A WIRED... \$9.95

KIT OF PARTS... \$7.00

MOBILE SUPPLY



AVA-126 VIBRATOR POWER SUPPLY; OUTPUT 300 VDC 100 MA. OPERATES FROM 6, 12 OR 24 VOLTS D.C. WHEN THE PROPER VIBRATOR IS USED, OCTAL BASE. SUPPLIED WITH 6 VOLT VIBRATOR (USED WITH AVT-112 AIRCRAFT TRANS) ILLUST. COVER REMOVED. UNUSED SIZE: 7 1/2 x 7 x 7 1/2; WT: 12 LBS. \$4.95



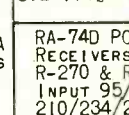
RA-42 POWER SUPPLY RACK MOUNTING 19", 115/230 V 60 CYC OPERATION, OUTPUT 200-250 VDC 100 MA HOUSED IN CABINET 7x8x6 WT. 30 LBS.



USED \$12.00



RA-87 RECTIFIER; FOR USE WITH TELETYPE EQUIPMENT. CONVERTS 95 TO 125 VOLT OR 190 TO 250 VOLTS 50-60 CYC TO 115 VDC 400 MA AND 115 VAC 4.35 A. WHEN USED WITH 190 TO 250 VAC INPUT. RE-NEW \$12.95



RA-74D POWER SUPPLY FOR RECEIVERS BC-779, 794, 1004, R-270 & R-129U. INPUT 95/105/117/130/190/210/234/260 VAC 25-60 CYC. OUTPUT 380 VDC @ 50 MA. 250 VDC @ 100 MA 100 VDC 4.5 MA -50 VDC 11 MA & 6.3 VAC 7 AMP. WITH TUBES 1/5Y3GT & 1/5U4G. RACK PANEL MTG. SIZE: 19x10 1/2 x 10; WT: 100 LBS

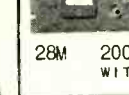
PRICE: RE-NEW \$24.95



PP-894/GRC-32B POWER SUPPLY; FULL-WAVE RECTIFICATION. DC OUTPUT: 27.5 VOLTS @ 20 AMPS. INPUT: 105 TO 250 VAC 50/60 HZ. SIZE: 24x16x9 1/2; 100 LB PRICE: USED, \$49.50



LAMBDA VOLTAGE REGULATED POWER SUPPLIES 105-125V. 60 CYC, RACK MOUNTINGS.

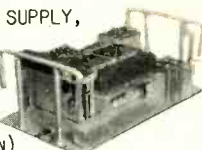


28M 200-325 VDC @ 100MA 6.3 VAC 3A. WITH METERS (PICTURED) \$18.95

PERKINS 100XA, INPUT: 230 VAC 12 AMPS, 60 HZ 3-PHASE; OUTPUT: 24-32 VDC 100 AMPS. \$99.50

LENKURT MODEL 5047A POWER SUPPLY,

INPUT: 115 VAC 60 HZ. OUTPUT: 24 VCT. 10 AMPS AC AND 160V. 150 MA DC. CONSTRUCTED ON AN ALL-ALUMINUM CHASSIS WITH VENTILATED ALUMINUM COVER WITH FLIP-LOCKS. (NOT SHOWN)



SIZE: 19 1/2 x 7 1/2 x 10 1/2 WT: 45 LBS. \$24.95

POWER SUPPLIES

CON-AVIONICS 941001 17-19 VDC, 15 AMPS. AND 105 VDC 250 MA. INPUT 115V 60 HZ LNEW \$100.

LAMBDA C-881M; OUTPUT 125-325 @ 800 MA, 6.5 @ 20 A. INPUT 115 V. 60 KH.W./METERS/RK.U \$45

LAMBDA C-480; OUTPUT 0-200 VDC @ 400 MA. AND 6.5 VAC 15 A. INPUT 115V60C.W./METERS/RK U \$35

PP-142 POWER SUPPLY 115 V 60 CYC VOLTAGE REGULATED

300 VDC 250 MA. ALSO 6.3 @ 3.75, 6.6 @ 9 A. WITH TUBES 3/6Y6G, 2/5U4G, 1/6AC7 & VR-150 ADJUSTMENT FOR B FUSE-LINES, INDICATOR AND EXT. JACKS FOR OUTPUT ON FRONT PANEL. SIZE: 9 1/2 x 16 x 12 1/2; WT: 85 LBS. USED \$22.50



PP-629/URR POWER SUPPLY INPUT: 115/230 VAC 60 CYC OUTPUT: 24 VDC PULSATING (NO FILTERS) 17 AMPERES. ON-OFF SWITCH WITH INDICATOR LIGHT. SIZE: 23 1/2 x 21 1/2 x 15 1/2 SHPG. WT: 120 LBS. PRICE: RE-NEW \$29.95

PP-308/URR POWER SUPPLY; OUTPUT VOLTS-AGES OF 90 VDC, 1.4 VDC, AND -4.2 VDC.

A PORTABLE UNIT WHICH CAN OPERATE FROM 115V. 60 CYCLE LINE OR FROM 6, 12 OR 24 VOLT VEHICULAR BATTERY; WITH FUSE HOLDERS, POWER-SELECTOR SWITCH, POWER ON-OFF SW, SPEAKER ON-OFF SW, AND SPEAKER FOR A RECEIVER*. TAKES 4 COND. FEMALE CONNECTOR (NOT AVAILABLE). WITH TUBES 2/6AG7 AND 0B2. SIZE: 5 1/2 x 8 x 12 WT: 30 LBS. WITH GOV'T SPEAKER \$14.95 NO SPEAKER \$9.95 " COMMERCIAL " \$12.95 CONDITION USED SERVE



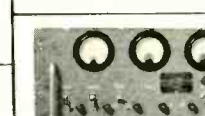
PP-691/G POWER SUPPLY USED WITH THE TCC-13 MULTIPLEXER SYSTEM, OUTPUT 250 VDC @ 1.5 A AND 115 VAC @ 5 A. TRANSFORMER HAS 34 VCT WINDING THAT IS NOT USED, METER 2 1/2" 0-150 VOLTS AC, CIRCUIT BREAKERS AND FUSED CIRCUIT RACK PANEL MTG. 19x12x19; WT: 125 LBS. PRICE: USED SERVICEABLE EXCELLENT \$19.50



AUTO-RACE PACK BY VARNEY TWO 14 VDC 600 MA. SECONDARIES MAKE THIS IDEAL FOR A SMALL BENCH POWER SUPPLY WITH THE ADDITION OF A REGULATOR AND FILTER. INCLUDES TRANSFORMER COVER, SWITCH, 5 1/2 FT. LINE CORD. 5x3 1/2 x 2 1/2 WT: 3 LBS. \$2.95



AC TO DC POWER SUPPLY; 115 VOLT 50-60 CYCLE INPUT, OUTPUT 115 TO 230 VDC IN VARIOUS STEPS AS CAN BE ADJUSTED BY THE TAP SWITCH ON THE PRIMARY AND SECONDARY IN SIX STEPS, APPROX. 400 TO 500 MA. D.C. #KS-5825-LO1 SIZE: 19x3x10; WT: 45 LBS. PRICE: USED \$9.95



PP-484/FGC-5 VOLTAGE REGULATED POWER SUPPLY OPERATES FROM 115/230 VOLT 50/60 CYCLE 1 PH. OUTPUT 115 VDC 100MA, 225VDC 550 MA.; 4/6.3 VAC 12 AMP. -6.3V BIA. WESTON 301 METERS 3 1/2" 0-10 VAC; 0-200 VDC & 0-500 VDC; W/ TUBES 2/3B2B, 2/2050, 2/12AU7, 6Y6 & 5U4. ALSO 2 AC OUTLETS ON FRONT PANEL. 19x11 1/2 x 20; WT: 150 LBS. USED \$29.95



ROTARY SELENOID RELAY
4 WAFER
6 POLE
5 POSITI
48 VDC
3 1/2 x 1 1/2 x 1 1/2. 5945-710-4536 \$4.

TELEPHONE TYPE



RELAY 4PST NORMALLY OFF 12 VDC GR204-BC-966A 1 1/2 x 1 1/2 x 3 1/2 3380-557180-7435 \$1.00
6PST 50 VDC 3/4 A. COIL 250 OHMS 50 VDC 39 MA. OPERAT. 4 1/2 x 1 1/2; 4C7400-26 \$1.00
IPDT & 3PST 50 VDC 2 A. OPER. 46 VDC 38 MA 1200OHM 4x2 1/2 x 1 1/2; 4C7737-62 \$1.00
RELAY 200 VDC 135 MA, ONE COIL 1100 OHM, OTHER 1200 OHM, CONTACTS 2PDT, 6PST-NO 1PST-NC#5945-259-4275 \$1.
RELAY 150 VDC 150 MA. 1000 OHM COIL, CONTACTS 6PDT & 4PST-NO POTTER & BRUMFIELD 82-92-1005 BS-2202 \$1.00
115 VAC OPEN FRAME RELAY 3PDT 10 AMP. CONTACTS. 1 1/2 x 1 1/2 x 2 1/2. ALLIED LAC-3A #5945-225-8616 NEW \$4.95
SEALED RELAYS 24 VDC 3 A. CONT. VARIOUS MFG. ROUND, OBLONG OR SQUARE, WIRE OF PLUG-IN. SORRY NO CHOICE.

IPDT CWS571981 USED .35
IPDT #5703-34 " .40
2PDT #5709-7H " .45
3PDT #56467 " .50
4PDT #54428 " .55
6PST #56469 " .60

POTTER & BRUMFIELD 12 PIN PLUG-IN PLASTIC COVERED 12 VAC 2PST, SIZE 1 1/2 x 2 1/2 x 2 1/2 #82-70-5130 75¢

12 VDC RELAY, DPST, NORMALLY OPEN, 67 OHMS, 2x3 1/2 x 1 1/2; # SW-182 USED 50¢
RELAY 6v D 1 1/2 x 1 1/2 x 1 1/2 41F 500S-SIL \$.50
PLATE RELAY 10,000 OHMS. CONTACTS 115 VAC @ 5 AMPS 1 1/2 x 1 1/2 x 1 1/2 #R3P-3189 \$1.50

FIVE ASSORTED RELAYS \$1.00

SUCH AS SEALED, OPEN FRAME, TELEPHONE ETC. MAY BE 6, 12, 24 OR 48 VOLTS. \$1.00

INTERVAL TIMER ASSEMBLY RELAY TIME DELAY 5 MIN. RESET DELAY 100 SEC. MOTOR VOLTAGE 120V 400 CPS CLUTCH VOLTAGE 28 VDC. ALLIED CONTROL UNIT; 115V 400 CPS, CONT. 2A-29VDC AND 24V 4PDT RELAY. 5LBS. #SS 19180 \$2.95

WESTON SENSITROL RELAYS MODELS 723 AND 705; 3 1/2" ROUND. USED \$4.95 EACH SPECIFY:

RANGE	MODEL
80% to 120% VOLTS DC	723
90% to 110% VDC	723
95% to 105% VDC	723
110% to 100% VOLTS AC	705
100% to 90% VAC	705
10% to 1.1 MILLIAMPS	723

RELAY 150 VDC 150 MA. 1000 OHM COIL, CONTACTS 6PDT & 4PST-NO POTTER & BRUMFIELD 82-92-1005 BS-2202 \$1.00
115 VAC OPEN FRAME RELAY 3PDT 10 AMP. CONTACTS. 1 1/2 x 1 1/2 x 2 1/2. ALLIED LAC-3A #5945-225-8616 NEW \$4.95
SEALED RELAYS 24 VDC 3 A. CONT. VARIOUS MFG. ROUND, OBLONG OR SQUARE, WIRE OF PLUG-IN. SORRY NO CHOICE.

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2PDT #5709-7H " .45
3PDT #56467 " .50
4PDT #54428 " .55
6PST #56469 " .60

SILICON RECTIFIER

POWER TESTED AT 1 MA MAX. LEAKAGE

1 AMP (TOP HAT)
50-200 PIV \$.10
200-400 " .15
400-600 " .25
600-800 " .35
800 " .45
1000 " .55

5 AMP (STUD)
200-400 PIV .50
400-600 " .60
700 " 1.00
800 " 1.20
1000 " 1.75

IN1347 6 AMP. 500 PVI (GOLD) 1.50
35 AMP (STUD)
50 V \$.75
100 V 1.00
200 V 1.60
300 V 2.00
400 V 2.25
500 V 2.50
600 V 3.00
900 V 4.00

DIMMER CONTROL TYPE A-4 667498 150 OHM 50 WATT 2 1/2 MTG. HOLES, W/KNOB 2 LBS. \$2.50
MATCHING PLUG \$1

RHEOSTAT

OTHER VALUES IN STOCK WRITE FOR YOUR NEEDS

STK#	WATTS	OHMS	PRICE
24609	25	5	\$.50
29992	25	25	\$.50
750KK	25	75	\$.50
13990	25	100	\$.50
1352 (DUAL)	25	100	\$.50
351KK	25	350	\$.50
501KK	25	500	\$.50

STK#	WATTS	OHMS	PRICE
0309	50	1	.75
41132	50	7.5	.75
50-12 SCREW	50	ADJ	.75
2954	50	15	.75
15822	50	17	.75
5895 (DUAL)	50	20	1.50
850-30	50	30	1.50
666-1731	50	34	.75
3124	50	35	.75
32229	50	60	.75
3066 w/sw	50	100	1.00
2533	50	150	.75
251KK	50	250	.75
SH1500	50	1500	.75
R-100	100	250	1.00
I-199	150	2500	2.95
6938	150	3	2.95
5R0KK	150	5	2.95
W1525	150	25	2.95
352	150	10	2.95
D-150	150	350	2.95
5638	150	750	2.95
3301	300	300	4.95
RP-351	300	500	4.95

RHEOSTAT CONTROL UNIT FOR HEATED CLOTHING; 100 WATT 5.75 OHM RHEOSTAT MOUNTED IN CONTROL BOX WITH INDICATOR KNOB ALSO ON/OFF SWITCH & DUAL LOCKING TYPE SOCKETS FOR INPUT AND CONTROLLED OUTPUT VOLTAGES. SIZE: 5x4x2; WT: 3 LBS. TYPE C-1C UNUSED \$2.95



BK-27A TELETYPE RELAY USED W/BD-100 SWITCHBOARD UNIT HAS 2 RELAYS W/DUAL COILS 150 OHMS EACH W/IDIA CONTACTS THAT CAN BE ADJUSTED FROM INSIDE AND OUTSIDE OF THE BOX FOR EAST WEST TRANS. CONTROL NEW SIZE: 6x4x3 1/2; 4 LB. \$3.95

CRYSTALS

465 Kc CRYSTAL, RESONATOR TYPE FILTER AS USED IN BC-794, BC-1004 ETC. \$1.50
200 Kc CRYSTAL IN OCTAL TYPE TUBE HOLDER \$3.50
CRYSTALS: FT-241-243 21-39 Mc. F/BC-604-684-620-659 NO CHOICE FREQ. 5 FOR \$1.00

JK-02 CRYSTAL OVEN FOR CR-26 CRYSTALS, OPERATES FROM 6.3-24.2 V. AC/DC, OCTAL BASE. MOTOROLA #251B1001 FOR ONE CRYSTAL AS USED IN R-394-257 RECEIVERS. \$1.95
MOTOROLA #251B1003 FOR TWO CRYSTALS AS USED IN T-278-208 ETC. TRANSMITTERS \$2.50

CRYSTAL DIODES IN-21C IN-32 \$1.00 EACH 6 FOR \$5.00

CRYSTAL HOLDERS WITH CRYSTAL NO CHOICE OF FREQUENCY CR-1A/FT-171/FT-249/FT-234/NAVY 401308/40068/CR-26 PRICE: 59¢ EA. 2 FOR \$1.00

CIRCUIT BREAKER

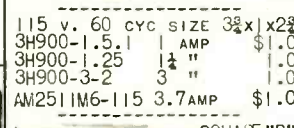


AIRCRAFT BAT HANDLE TYPE LUMINOUS TIP 24 TO 30 VDC
8751K4 10 " .50
AN-3160 15 " .75
AN-3160 20 " .75

AIRCRAFT PUSH BUTTON TYPE 24 TO 30 VDC
AN-3161 5 .75
AN-3161 10 .75
AN-3161 15 .75
AN-3161 35 .75
AN-3161 50 .75

3H900-35-6 14.6 VDC 35 AMPS SIZE 3 1/2 x 2 1/2 x 1 1/2 \$1.00
850-0980 28 VDC 15 AMP SIZE 3 1/2 x 2 1/2 x 1 \$1.00
HEINEMANN I-132 24 VDC 2 AMP. 3 1/2 x 2 1/2 x 1 \$1.00

115 V. 60 CYC SIZE 2 1/2 x 2 1/2 x 1 1/2 CAT#AM12HK 1.5 AMP \$1.00
" AM12RSK 20.0 " 1.00
115 V. 60 CYC SIZE 3 1/2 x 2 1/2 x 2 1/2 3H900-1.5.1 1 AMP \$1.00
3H900-1.25 1 1/2 " 1.00
3H900-3-2 3 " 1.00
AM2511M6-115 3.7AMP \$1.00



SQUARE "D" CIRCUIT BREAKER TYPE MO-4 "PLUG-IN" OR CAN BE MODIFIED FOR DIRECT WIRING. FOUR (4) 20 A. CIRCUITS 115 VOLT 60 CYCLE SIZE: 4 1/2 x 2 1/2; WT: 8 OZ. CAT# M0482222 PRICE: \$1.95

MANUALS

\$3.00 EACH \$5.00 EACH
BC-191 BC-312-BC-342
BC-375 BC-603-BC-604
PP-867-868 BC-652-BC-653
869 BC-683-BC-684
PP-281-282 BC-659
494 BC-1000
PP-846 BC-1335
PP-804 PP-109-112
PP-109-112 PE-75
PE-75 PRS-3
PP-3 I-49
BC-669/110 I-72G-H-I-K
BC-1306/237 I-129B
PP-351 I-208
PP-638 TS-352
PE-95 BC-221AH ONLY
R-48/T-30 T-14/R-19
T-14/R-19 HALLICRAFTERS
TS-175 S-20R SX-28
BC-221/211 NATIONAL
BC-610 NC-100 HRO
BC-779 HALLICRAF S36

EE-94 & 95 CONTAINS TG-34 RD-60-V0-3-BD-114 ETC \$7.50
FGC-20 & 21 CONTAINS TT-98 TT-99-TT-100 & PP-978 \$10

MOTOROLA FST-250, FMR-13 FMT-25A, P-8028, FMT-30 \$7.50
ARN-6 REVISED SOME PAGES MISSING, WITH ALL SCHEMATICS, R-101 & ASSOC. EQ. \$5

SCHEMATICS \$1.00 EACH

"BC" SERIES 923/924/603/604/652/653/624/625/224/348/659/620/645/669/733/745/778/779/683/684/929/1206/1306/1016/
"R" SERIES 48/77/122/320/28/316/257/394/105
T-23/T-67/RT-91/RT-58/RT-7, SCR-625/PE-237/PE-110/TBY/RAX-1, 2 OR 3/ARB/FMR-13/ARR-2/TCS-REC OR TRANS/ART-13/MN-26/
COMMAND SERIES 274 OR ARC5
OTHER MANUALS & SCHEMATICS AVAILABLE, TELL US YOUR REQ

ARRL BOOKS

HOW TO BECOME A RADIO AMATEUR \$1.00
COURSE IN RADIO FUNDAMENTALS \$2.00
LEARNING THE RADIO RADIOTELEGRAPH \$.50
AMATEUR'S LICENSE MANUAL \$1.00
OPERATING AN AMATEUR RADIO STATION \$.25
UNDERSTANDING AMATEUR RADIO \$2.50
AMATEUR'S V.H.F. MANUAL \$2.50
FM AND REPEATERS FOR THE AMATEUR \$3.00
RADIO AMATEUR'S 74 HANDBOOK \$4.50
SINGLE SIDEBAND HINTS AND KINKS \$1.00
ARRL ANTENNA BOOK \$2.50

SURPLUS BOOKS

SURPLUS RADIO CONVERSION MANUAL VOL. NO. 1 \$3.50
SURPLUS RADIO CONVERSION MANUAL VOL. NO. 3 \$3.50
SURPLUS CONVERSION HANDBOOK INCL. COMMAND SETS CQ \$3.00
THE SURPLUS HANDBOOK \$3.50 VOL. 1 RECEIVERS-TRANSMITTERS
CQ ANTHOLOGY 11 52-59 \$3.00
RTTY FROM A TO Z NEW RTTY HANDBOOK \$3.95
FOR LIST OF CONTENTS FOR THE ABOVE BOOKS SEND \$.25

MANUALS

ABBREVIATIONS: H.M.I. HANDBOOK OF MAINTENANCE INSTRUCTIONS/O.I. OPERATING INSTRUCTIONS/N.S. NO SCHEMATICS/I.B. INSTRUCTION BOOK/W.S. WITH SCHEMATICS.
ARC-27/ARC-55 O.I./N.S. \$3.00
ARC-44 I.B./W.S. \$10.00
ARC-60 I.B./W.S. 8.50
ARN-12 I.B./W.S. 5.00
ARN-30 O.I./N.S. 3.00
ARN-59 O.I./N.S. 3.00
ART-13 REPRODUCTION WITH SCHEMATICS & OPERATING TRANS. & ASSOC. EQ. \$10.00
FRR-36 I.B./W.S. 8.50
w/R-394/PP-846
GRC-3-8 I.B./W.S. 8.50
GRC-9 I.B./W.S. 8.50
GRC-19 I.B./W.S. 8.50
GRC-26 I.B./W.S. 8.50
GRR-5 I.B./W.S. 7.50
PRC-6 I.B./W.S. 7.50
PRC-8-9-10 I.B./W.S. 7.50
VRC-19 I.B./W.S. 8.50
w/R-394/T-278/DY-93 98-100/PP-867-8-9

RT-67-68-69 I.B./W.S. \$5.00
RT-70 I.B./W.S. 5.00
R-108-109-110 " " 7.50
R-274 I.B./W.S. 10.00
R-390 I.B./W.S. 10.00
R-392 I.B./W.S. 10.00
R-394 I.B./W.S. 7.50
R-140 I.B./W.S. 7.50
R-257 I.B./W.S. 7.50
T-278 I.B./W.S. 7.50
T-368 I.B./W.S. 8.50
T-208-417 I.B./W.S. 8.50
DY-93-98-100 " " 3.00
ARC TYPE 12 RADIO SET 8.50
COVERS R-10-11-15-19
T-11-13 & ACCESSORIES
SIMILAR R-508-509-R-22 AND OTHERS. H.M.I./W.S.
CV-431/R-508 ARC-60 8.50
R-13B/B-10A ARN-30 8.50

ANTENNA CHANGE-OVER RELAY 6 V.D.C. SWITCHES BCN TO SUB-MINIATURE COAX. SPDT. 2 1/2 x 1 1/2 x 1 1/2; 4 OZ. #3380-51125-1125 \$2.95

ARC-12 ANTENNA CHANGE-OVER RELAY BNC CONNECTORS FOR EQUIP. REG-23-UG-21 F/ANT. REGULAR & AUX ANT. CONN. 24 VDC RELAY. W/BNC CABLES. \$2.75
UG-21 ANTENNA CONN. \$.75

ANTENNA RELAY 115 VDC, 4000 OHM COIL, RECEIVER COAXIAL CONN. REQ. UG-88, TRANS. AND ANT. CONNECTOR TYPE "N". COL #410-0086-00 FSN#5945-258-7649 PRICE: NEW \$6.95

DOW-KEY COAXIAL RELAY 1 KW POWER RATING. 28 VDC COIL DK-FDK60-G-SC2 NEW FSN#5945-072-1835 \$9.95

ANTENNA CHANGE-OVER RELAY, 6-24 VDC 16 OHM COIL, RE-MOVED FROM EQUIPMENT SIZE: 3x2x1; 1/2 LB. PRICE: WITH 2/UG-88 \$1.25 LESS " " " .75

FIRE DETECTOR PHOTOELECTRIC RESISTANCE TYPE 1.5 MEG. MAX DECREASES WITH INTENSITY OF LIGHT. #6340-651-6213 SIZE 2x3 \$2.95



ART-13 TRANSMITTER

100 WATT AIRCRAFT AUTOTUNE TRANSMITTER

MAKES A VERY SATISFACTORY AMATEUR UNIT FOR 80, 40, 20 AND 10 METERS. THE AUTOTUNE FEATURE PERMITS YOU TO PRESET THE FREQUENCIES DESIRED ON ANY 10 PRESELECTED CHANNELS. (FOR CONVERSION INSTRUCTIONS SEE MANUALS #2 & #3 \$3.00 EA. TUBE LINEUP 1/837, 1/813, 2/1625, 1/12SJ7, 2/6V6, 2/811, 2/12SL7, 1/12SA7. VOLTAGE REQUIRED 28VDC 10AMP, 400VDC, 225MA & 1250VDC 250MA. SIZE: 23x16x11 1/2 WT. 70LBS

PRICE: USED WITH TUBES \$39.50
CONNECTOR PLUGS FOR TRANS. U/7 & U/8 \$2.50 EA. DYNAMOTOR FOR ART-13 WITH FILTERS & RELAYS 28VDC INPUT. PRICE: USED \$12.95 NEW

CONNECTOR PLUGS FOR DYNAMOTOR U-9 OR U-10 EACH \$2.50

CU-24/ART-13 ANTENNA SHUNT CAPACITOR CONSISTS OF 3 CAPACITORS 25MMF 10KV PRICE USED \$1.00

O-17/ART-13 LOW FREQUENCY OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 TUBE. ALL OPERATING VOLTAGES ARE OBTAINED FROM THE TRANS. POWER SUPPLY. SIZE 5x5x9; WT 4LBS.

PRICE: USED \$7.50 UNUSED \$9.95

SA-22/ART-13 ANTENNA SWITCHING UNIT CONTAINS A BENDIX VACUUM RELAY LRM-26G, 24VDC, 2 POSITION CERAMIC SWITCH & 4 LARGE INSULATORS SAME AS USED ON TRANSMITTER, ALSO SO-239 COAX. CONNECTOR. SIZE: 11x7x7 WT 10LBS

PRICE: NEW \$4.95

CU-25/ART-13 TRANSMITTER ANTENNA TUNER FOR 200 TO 600 KC, CONSISTS OF A VARICOUPLER, 13 POSITION SWITCH WIRED TO A FIXED TAPPED COIL, ALSO .0008 5000 VOLT MICA CAPACITOR INSULATED COUPLINGS ETC. SIZE: 10x9x9; WT: 13 LBS. UNUSED \$4.95

ART-13 AUDIO SPEECH AMPLIFIER CONTAINS TWO 6V6GT & ONE 12SJ7 TUBES, CAN BE USED FOR CARBON OR DYNAMIC MIC. SIZE: 7x4x3 1/2, WT: 4LBS, USED STK #2C254 PRICE \$5.95

ART-13 CRYSTAL CALIBRATOR AND MCW OSCILLATOR UNIT; PROVIDES STABLE 50 KC FUNDAMENTAL FREQ. UTILIZING A 200 KC. CRYSTAL THAT IS USED TO CHECK THE CARRIER FREQ OF THE TRANS. OSC. A 1000 CYC. TONE IS ALSO PROVIDED FOR MCW OPERATION. WITH 2/12SL7, 1/12SA7 TUBES AND 200 KC. CRYSTAL. SIZE: 6x5x3; WT: 4 LBS. RE-MOVED \$9.95

ART-13 KEYING RELAY & VACUUM SWITCH; THREE S.P.S.T., CONTACTS NORMALLY OPEN; ONE S.P.S.T., CONTACTS NORMALLY CLOSED; TWO S.P.D.T. AND ONE S.P.D.T. VACUUM SWITCH COIL VOLTAGE 28 VDC RESISTANCE 2 COILS 27 OHMS IN SERIES, CONTACTS RATED 28 VOLTS 8 ANPS. CONT. NON-INDUCTIVE LOAD WITH VACUUM SWITCH. SIZE: 3x4x5; 2 LBS. #K-102/S-116 STK. #27595-7 RE-MOVED \$9.95 S-116 VACUUM SWITCH ONLY \$2.00

OSCILLATOR UNIT

CDA-T CRYSTAL OSCILLATOR UNIT FOR ART-13B TRANSMITTER; USED TO CONVERT TO CRYSTAL CONTROL FOUR CHANNELS ON LOW FREQ. 300-500 Kc. CRYSTAL SOCKET SIZE 5/32 DIA. 13/16x1/2 RECTANGULAR SELECTED FROM THIS UNIT. 10 CHANNEL CRYSTAL CONTROL FROM 1670 TO 18000 KC SELECTED FROM TRANS. CRY. SOC. SIZE 3/64" DIA PINS SPACED 1/8" C-C. W/TUBES 1625 & 6AQ5 ALSO 10/24VDC RELAYS, PLUGS INTO FRONT, DOES NOT EFFECT OPERATION OF VFO HIGH BAND. WT: 6 LBS. SIZE 5x5x9. USED \$9.95 CONNECTORS \$1EA 2REQ.

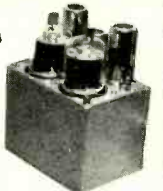
COLLINS 618S-1 TRANSCIEVER 2 TO 25 MHZ, AM AND CW. 100 WATTS ON TRANSMITTER, CRYSTAL CONTROL 144 CHAN. USING CR-18/U CRYSTAL HOLDER. SAME CRYSTAL USED FOR RECEIVER AND TRANSMITTER. CROSSBAND OPERATION POSSIBLE BY CHANGING FREQUENCY SELECTOR PLUG-IN MODULES ARE USED IN BOTH THE REC. AND TRANS. WITH TUBES 3/5654, 2/5781, 4/5686, 8/5749, 3/5726, 4/5750, 2/5814, 5/6159 AND 0A2. ALSO 8/1N98 AND ONE 1N458 GERMANIUM CRYSTALS. THE POWER WAS NORMALLY SUPPLIED FROM 28 VDC DYNAMOTOR AND 115 VOLT 400 HZ. HOWEVER, 60 HZ OPERATION IS POSSIBLE WITH 600 VDC, 250VDC, -50 VDC, -65 VDC AND 6.3 VAC 115 V. 400 HZ FOR THE SELSYN THAT IS MOUNTED TO THE P.A. INDUCTOR COIL. SIZE: 15x8x23 1/2 WT: 60 LBS. PRICE: USED \$65.



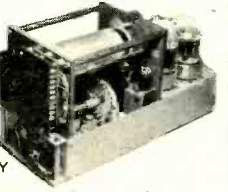
TRANSCIEVER R.F. TUNER FOR COLLINS 618S-1. THIS SUBASSY. CONTAINS 1ST & 2ND R.F. AMP, 1ST & 2ND REC. MIXER, 1ST & 2ND TRANS. MIXER, I.F. AMP, DISCRIMINATOR, MULTIPLIER AND 2 DRIVER CIRCUITS. WITH TUBES 2/5654, 3/5749, 4/5750 & 2/5686. TUNING IS DONE BY THE SLUGS MOVING IN AND OUT OF THE COILS, FREQ. RANGE 2-25 MC SIZE: 8x7x6 1/2; WT: 10 LBS. #5821-547-5718/618S-1 PRICE: USED \$14.95



MODULATOR FOR COLLINS 618S-1 AUDIO DRIVE AND MODULATOR USES 2/6159, 1/5751, 1/5814 & 1/5726 TUBES. MODULATION TRANSFORMER INPUT 5500 OHM 300 V RMS, OUTPUT 4x5 2000 OHM 3000 V RMS 6x7 200 OHM 750 V RMS. MODULATION TRANSFORMER IS NOT PART OF THIS SUB-ASSEMBLY. SIZE: 4x3x6; WT: 4 LBS. #5821-505-3599/618S-1 PRICE: USED \$7.95



POWER AMPLIFIER 618S-1 COLLINS TRANSMITTER WITH VARIABLE INDUCTOR COIL 12.8 FT. #14 WIRE 27 TURNS, APPROX. 100 WATTS FOR 2 TO 25 MC. COIL IS RCYATED BY 115 V. 400 CYC SELSYN CONT. MOTOR, USES 3/6159 TUBES ALSO LARGE CERAMIC ROTARY SW. COILS, CHOKES ETC. SIZE: 11x5x6; WT: 10 LBS. #5821-547-3496/618S-1 PRICE: LESS TUBES \$14.95 WITH TUBES \$18.50 SCHEMATICS FOR 618S SUB-ASSEMBLIES EACH \$1.00 MATING CONNECTORS " " EACH \$1.50



RECEIVER 105 TO 190 MC

R-516/URR-27 RECEIVER UHF 105 TO 190 MHZ CONTINUOUS TUNING OVER THE ENTIRE RANGE WITH CRYSTAL CONTROL ON ONE PRE-SET FREQUENCY. AM, 18.6 MHZ IF WIDTH. SCANNING PROVISIONS FOR PAN-ADAPTER 600 KHZ BANDWIDTH. INPUT IMPEDANCE 51 OHMS; AUDIO 60 MW INTO 600 OHMS OR 600 MW INTO 60 OHMS; PHONE JACK MAX. 60 MW INTO 600 OHMS. BENCH OR RACK MOUNTING. POWER REQUIRED: 115 VOLT 60 HZ. SIZE: 3x17x19 1/2 WT: 65 LBS. PRICE: USED, REPARABLE \$115.00, CHECKED \$150 NEW, CHECKED FOR OPERATION \$175.00



RECEIVER 225 TO 400 MHZ

AN/URR-35 RECEIVER, 225 TO 400 MHZ CONTINUOUSLY TUNEABLE ON ONE BAND. RECEIVES AM VOICE, CW OR TONE. DUAL CONVERSION TYPE WITH FIRST IF 18.6 MHZ, SECOND IF 1.775 MHZ. PROVISIONS FOR PAN-ADAPTER WITH 600 KHZ BANDWIDTH. INPUT IMPEDANCE 51 OHMS; AUDIO 60 MW INTO 600 OHMS OR 600 MW INTO 60 OHMS. SUITABLE FOR BENCH OR RACK MOUNTING. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 8x17x19 1/2; WT: 65 LBS. PRICE: USED, REPARABLE \$75.00 CHECKED \$95.



APR-4 RECEIVER

R-444/APR-4Y RECEIVER AND CV-253/ALR TUNING UNIT FOUR BAND TO COVER THE FREQUENCY OF 38 TO 1000 MC. USED IN AIRCRAFT AS SEARCH EQUIP. TO DETECT ELECTROMAGNETIC RADIATION, THE FREQ. OF SIG NALS, RELATIVE FIELD STRENGTH AND AUDIO OUTPUT. SELECTOR PERMITS CHOICE OF AM NARROW/WID OR FM. ALSO IF ATTN. SELECTOR, HET. SW., RANGE SELECTOR, SWEEP CONTROL & TUNING KNOB. METER 2 1/2" FOR TUNING. ORIGINALLY DESIGNED FOR 115 V 400 CYCLE POWER SOURCE UNITS ARE AVAILABLE FOR 115 VOLT 60 CYCLE. ALSO REQUIRED IS 24 VDC FOR PILOT LIGHTS AND SCANNING MOTOR WHEN TUNING UNITS WITH MOTORS ARE USED. REC. USED SIZE: 8x10x12 1/2; WT: REC. ONLY 33 LBS. TU, 20L PRICE: REC. ONLY \$95.00 WITH CV-253 TU \$250.00 CV-253 CONVERTER 38-1000 MC NEW 175.00 ANY OF THE TUNING UNITS LISTED BELOW CAN BE USED WITH THE R-444/APR-4Y OR R-54/APR-4 WE WILL SHIP WHICHEVER RECEIVER IS AVAILABLE. R-54/APR-4 RECEIVER SAME AS ABOVE ONLY DIFF. POWER REQ. 115 VOLT 60 TO 2600 CYCLE & 24 VDC SAME PRICE AND TUNING UNITS CAN BE USED.



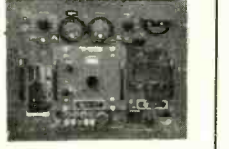
CONVERTER TUNING UNITS FOR USE WITH 30 MC. I.F. NO POWER SUPPLIES REQUIRE 300 VDC, 6.3 VAC OR 24 VDC WHICHEVER THE CASE MAY BE. SIZE: 9x7x15; 25 LBS. AV

TN-16/APR-4 TUNING UNIT	38-95 MC	\$30.00
TN-17 " " "	74-320 "	40.00
TN-18 " " "	300-1000 "	45.00
TN-19 " " "	975-2200 "	40.00
TN-54 " " "	2150-4000 "	75.00
CV-253/ALR	38-1000 "	175.00
TN-1/APR-1	38-95 "	25.00
TN-2/APR-1	76-300 "	30.00

POWER PLUG FOR REC. \$1.50 SHOCKMOUNT \$2.50

RECEIVERS 50 TO 600 MHZ

R-417/TRC FM RECEIVER, 50 TO 600 MHZ POSSIBLE WITH THE USE OF THE APPROPRIATE AMPLIFIER-CONVERTER PLUG-INS LISTED BELOW. BASE-BAND FREQUENCY 250 TO 68,000 HZ; INTERMEDIATE FREQUENCY 30 MHZ. AUTOMATIC FREQUENCY CONTROL; AUTOMATIC OR MANUAL GAIN CONTROL. INPUT IMPEDANCE 52 OHMS; OUTPUT IMPED: 600 OR 135 OHMS (BALANCE TO GROUND). WITH TUBES: 10/5654, 10/5670, 5751, 5726, 6AV6, AND 6AN5. PROVISION FOR BAND-PASS FILTER (NOT AVAILABLE) ON FRONT. POWER REQUIRED: 115 VAC 50/60 HZ. SIZE: 18x14x14 WT: 75 LBS. PRICE: USED, NOT CHECKED-COMPLETE, LESS PLUG-IN UNITS \$95.00



AMPLIFIER-CONVERTERS PLUG-IN UNITS USED WITH R-417 RECEIVER. OUTPUT IS TO 30 MHZ. CONTINUOUS TUNING OF R.F. AND OSCILLATOR. USED, COMPLETE. SIZE: 7 1/2x6 1/2x9 1/2 WT: 10 LBS.

AM-1179 50-100 MHZ, 5654, 5670, 6J4	\$39.50
AM-914 225-400 MHZ, 4/6J4, 5670	34.95
AM-1177 400-600 MHZ 2/5768, 6AF4, 6AN4	44.50

BAND PASS FILTER PLUG-INS DESIGNED FOR USE IN THE R-417/TRC RECEIVER. EACH FIT INTO THE RECEIVER'S FRONT AND COVER A SPECIFIC FREQUENCY RANGE. PLEASE INDICATE TYPE # AND FREQ. WHEN ORDERING. WT: 5 LBS. PRICE RE-NEW \$9.95

F-196/U 184-205 MHZ	F-239/U 58.5-67 MHZ
F-197/U 205-226 MHZ	F-240/U 67-76 MHZ
F-199/U 224-254 MHZ	F-241/U 75-84 MHZ
	F-242/U 84-92.5 MHZ
F-238/U 50-58.5 MHZ	F-243/U 92.5-101 MHZ

AMPLIFIER-MULTIPLIERS USED AS PLUG-IN UNITS FOR THE T-302 TRANSMITTER, COMPANION TO THE R-417. UNITS COVER FREQUENCIES FM FROM 50 TO 600 MHZ, 120 WATTS. 12x6x14 40 LBS. USED-COMPLETE

AM-1180/GRC 50-100 MHZ, 4X150A TUBE	\$49.50
AM-915/TRC 225-400 MHZ, 2/4X150A	49.95
AM-1178/GRC 400-600 MHZ, 2/4X150A	54.50



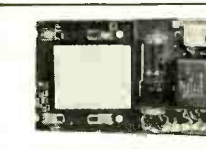
WL-117 INDICATOR, WIND DIRECTION AND SPEED. UNLIMITED WIND SPEED RANGE INDICATED BY ONE LIGHT, 0-360 DEG. WIND DIRECTION RANGE INDICATED BY 8 LIGHTS, FLASHING LIGHTS OR BUZZER INDICATORS, INTERRUPTED CURRENT ACTUATED, 110 V 60CY OR 6.8 VDC. (THIS IS ONLY THE INDICATOR, REQUIRES OTHER PARTS FOR OPERATION) FREIZ ITEM #18-1475. SIZE: 9 1/2 x 4; WT: 24 LBS. PRICE: RE-NEW \$12.95

AM-447 AUDIO AMPLIFIER



AM-447 AUDIO FREQUENCY AMPLIFIER, VOLUME LIMITING TYPE, INSURES UNIFORM OUTPUT UNDER CONDITIONS WHERE THE RECEIVED SIGNAL LEVEL MAY VARY IN AMPLITUDE, ELIMINATING THE NEED FOR CONSTANTLY READJUSTING THE OUTPUT LEVEL. IT IS INTENDED TO BE USED RECEIVING EQUIPMENT, LINE AMPLIFIER OR AMPLIFY THE OUTPUT OF A MICROPHONE FOR MODULATING TRANSMITTING EQUIPMENT. INPUT IMPEDANCE 600 OHMS, OUTPUT IMPEDANCE 200 AND 600 OHMS, AUDIO INPUT: -10 DBM TO -10 DBM, FREQ. RESPONSE FLAT WITHIN 2 DB FROM 300 TO 3500 CPS. GAIN: 34.8 DBM MAX. AUDIO OUTPUT 3 WATT HAS INPUT, OUTPUT AND PHONE JACKS ALSO VOLUME CONTROLS. WITH TUBES

POWER REQUIRED 115 VOLT 50/60 CYCLE. SIZE: 7 1/2 x 12 1/4; (NO COVER WITH UNIT) WT: 23 LBS. PRICES: USED SERVICEABLE \$8.95 TWO FOR \$15.00



NAVY INTERPHONE AMPLIFIER USED WITH TCS EQUIPMENT, 12A6 TUBES IN PUSH-PULL 75-200 OHMS CARBON MICROPHONE INPUT, 600 OHM OUTPUT VOLTAGE REQUIRED 12 VDC & 250 VDC @ 60 MA. HAS MOUNTINGS FOR 35x032, 12 VOLT DYNAMOTOR. SIZE: 7 1/2 x 10 7/8; WT: 15 LBS. PRICE: WITH TUBES \$3.95/W/TUBES & DYN. \$7.95



AMPLIFIER

AM-142/AIC AMPLIFIER USED IN LARGE AIRCRAFT AS A AUDIO LINE BOOSTER AND MIXER FOR THE INTER COMMUNICATION SYSTEM. INPUT IMPEDANCE 500 OHM OUTPUT 600 OHM. OPERATES FROM 24 VOLTS D.C. USES ONE 26A7 TUBE. WITH TUBE & SCHEMATIC. SIZE: 5 1/2 x 5 1/2; WT: 3 LBS. PRICE: USED \$2.95

SERVO AMPLIFIERS



SERVO AMPLIFIERS FROM MD-2 ELECTRONIC CONTROL STABILIZATION BOMBING NAVIGATIONAL COMPUTER. PART NO. DESIG. PART NO. DESIG. 658657 I H 656662 P H 672168 MAH 673097 MOH 658659 K H EACH UNIT SIZE: 3 1/2 x 3 x 3; WT: 3 LBS. U \$1.95 658658 J H 658661 M H 658660 L H EACH UNIT SIZE: 5 x 3 x 3 1/2; WT: 4 LBS. U \$1.95 SEALED UNITS. CONNECTOR PLUGS EACH USED \$1

AMPLIFIER

AM-26/AIC AMPLIFIER; USED IN AIRCRAFT FOR AUDIO INTERCOMMUNICATION. CARBON MICROPHONE INPUT, 600 OHM AND 2000 OHM OUTPUT IMPEDANCE. WITH 2/12J5 & 2/12A6 TUBES. VOLTAGE REQUIRED 24 VDC FOR FILAMENT AND 250 VDC @ 60 MA. MOUNTING BOR DM-32 DYNAMOTOR 24 VDC. (PAGE 9) SIZE: 9 1/2 x 5 1/2 x 5 1/2; WT: 8 LBS. PRICE: USED \$4.95



TS-328A/U FREQUENCY METER, JRT MANUFACTURE. 400 CYCLE POCKET TYPE. NINE REEDS, 380-420 CYCLES IN UNITS OF 5 CYCLES. SIZE: 3 1/2 x 6 1/4; WT: 2 LBS. PRICE: USED \$7.95

COMPUTER SYSTEM



AMPLIFIER, ELECTRONIC CONTROL TYPE D-1; CHOPPER SAMPLING TYPE WITH TOROIDAL TRANSFORMERS WITH FEED-BACK LOOPS, 6 VOLT 400 CYCLE CHOPPER, 1/5814 & 1/5751 TUBES, SELENIUM RECTIFIER SUPPLY, RESISTORS, CONDENSERS ETC. W/SCHEMATIC VOLTAGES REQ. 255VDC, -35VDC, 6.3VAC, 115/400CY SIZE: 4x6x9; WT: 12 LB. PRICE: USED \$4.95

COMPUTER-POWER SUPPLY LA-15 CONTAINS 115 V 400 CYCLE P.S. OUTPUT -35VDC & 210 VDC, 3 DECK 25 POS. WAFER SW. 3 POLE 25 POS. WAFER SW. 1 " 12 POS. WAFER SW. 33 PRECISION RESISTORS WIRED TO THE SWITCHES ALSO COND. RECTIFIERS, CONTROL ETC. W/SCHEMATIC SIZE: 6x4x4; WT: 3 LBS. USED \$3.95



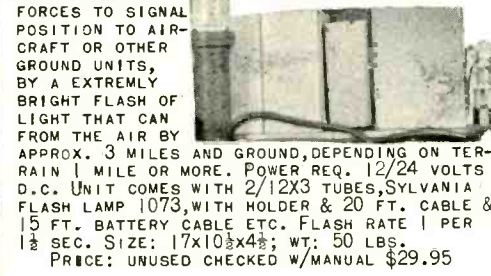
AMPLIFIER, ELECTRONIC CONTROL TYPE E-1; TORRID COIL TRANSFORMERS, K2701 CHOPPER ERROR SAMPLING & FEED-BACK COMMAND SIGNAL. 1/5751 & 1/5678 TUBE, TRANS. ETC. VOLTAGE REQ. 255 VDC, -22V, 6.3 VAC & 115/400CY SIZE: 4x6x1 1/2; WT: 2LB. W/SCHEMATIC U \$1.95

MOUNTING BASE FOR AMPLIFIER ASSY. LA-18; USED WITH CAMERA CONTROL SYSTEM LA-17, HOLDS COMPUTER P.S LA-15, CONTROL AMP. E-1 & D-1 DESCRIBED ABOVE CONTAINS 4 RELAYS 4PDT, SWITCHES FILTER, RESISTORS ETC. ALSO MATTING PLUGS FOR ABOVE UNITS. SIZE: 13 1/2 x 5 x 2; WT: 8 LBS. \$3.50 BASE ONLY, WITH SCHEMATIC CONNECTOR PLUGS TO FIT BASE ONLY, EACH \$2.50 CONNECTOR PLUGS TO FIT UNITS " " 1.00

STEPPING SWITCHES

STOCK NO.	POS.	DECK	VDC	PRICE
7709181P2	25	10	24	\$9.95
7709181P6	25	9	24	8.95
7709181P1	26	9	24	9.50
H77256	26	4	24	5.95
A326427	12	10	24	5.95
B215238	27	10	24	9.95
A254277	11	3	28	4.95
A202763	10	6	36-48	5.95
A29656	25	10	36-48	9.95
917722	24	8	30	5.95
PW104121	26	4	18	5.95

IDENTIFICATION FLASH EQUIPMENT, USED BY GROUND FORCES TO SIGNAL POSITION TO AIRCRAFT OR OTHER GROUND UNITS, BY A EXTREMELY BRIGHT FLASH OF LIGHT THAT CAN FROM THE AIR BY APPROX. 3 MILES AND GROUND, DEPENDING ON TERRAIN 1 MILE OR MORE. POWER REQ. 12/24 VOLTS D.C. UNIT COMES WITH 2/12X3 TUBES, SYLVANIA FLASH LAMP 1073, WITH HOLDER & 20 FT. CABLE & 15 FT. BATTERY CABLE ETC. FLASH RATE 1 PER 1 1/2 SEC. SIZE: 17x10x4 1/2; WT: 50 LBS. PRICE: UNUSED CHECKED W/MANUAL \$29.95



SYLVANIA FLASH LAMP WITH PORTABLE HOLDER AND LAMP SOCKET, SWITCH, IGNITION COIL & 20 FOOT 4 COND. CABLE. WT: 5 LBS. \$10.00

RT-35/AM RADIOSONDE TRANSMITTER-RECEIVER 675 TO 725 MC, USED FOR WEATHER AND RADAR OBSERVATION WITH 4/1L4 & 1/2C35 TUBES, VOLTAGE REQ. 90 VDC & 1 1/2 VDC SIZE 3 1/2 x 4 1/2 x 10; WT: 5 LBS. PRICE: NEW \$3.95

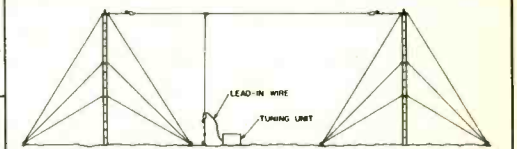


I-196 SIGNAL GENERATOR 160 TO 220 MC, USED TO CHECK IFF SETS WITH ONE 957 TUBE, VARIABLE FREQUENCY AND TONE, PILOT IND. ON/OFF SWITCH. DRY BATTERIES 1 1/2 & 135 VDC. RFQ. HOUSED IN WOOD CASE WITH CANVAS COVER. SIZE: 8 1/2 x 8 1/2 x 14; 10 LBS. PRICE: USED \$3.95

DIGITAL DISPLAY



DIGITAL DISPLAY: EACH UNIT WILL SHOW NUMBERS 0 TO 9 ALSO \$ SIGN 3-3/16" HIGH ON 3 1/2 x 4 SCREEN THAT CAN BE SEEN FOR QUITE A DISTANCE. OPERATES FROM 6-3 VAC. CAN BE ADAPTED FOR BASKETBALL FOUL INDICATOR BY PLACING ONE OVER EACH SCOREBOARD AND HAVE A CONTROL PANEL CONSISTING OF 5 SWITCHES AND TRANSFORMER AT THE SCORER'S TABLE. (WIRING DIAGRAM FURNISHED ON REQUEST) CAN ALSO BE ADAPTED FOR USE AS A MOVING READOUT BOARD. SIZE: 3 1/2 x 5 1/2 x 1 1/2; WT: 7 LBS. PRICE: USED \$5.95 EACH 2 FOR \$10.00



AN/GRA-4 PORTABLE HALF WAVE ANTENNA: DESIGNED FOR TRANSMITTING UP TO 100 WATTS AND RECEIVING IN THE 1.5 TO 18 MHZ RANGE. VERTICAL OR VARIOUS TYPES OF HORIZONTAL ANTENNAS CAN BE ASSEMBLED. (ORDER THE INDIVIDUAL PARTS YOU NEED TO MAKE THE TYPE ANTENNA YOU WANT)

AB-85 MAST SECTION, ALUM. 3' 1-5/8" DIA. WITH ONE END SMALLER SO IT SLIPS OVER PRECEDING SECTION. WT: 2 1/2 LB \$1.50

MX-1116 FRAME USED TO CARRY 16 AB-85 SECTIONS W/CARRING STRAPS EA. END & STORAGE SPACE INSIDE. WT: W/16 AB-85, 40 LBS. MX-1116 FRAME & 16 AB-85 SECT. \$25.00

RL-122 REEL ASSY. W/150 FT. BARE WIRE STRANDED 42/32 AND MATING TERMINATIONS SO OTHER REELS CAN BE ATTACHED. 3LB. \$4.95

MX-384 INSULATOR; FITS AT THE JUNCTION OF ANY 2 MAST SECTIONS, FOR VERTICAL. 3LB \$2.95

AB-154 MAST BASE W/SWIVEL STAKE, SEC. OR INSULATOR FITS INTO FOR VERTICAL. 1LB \$1.95

MX-857 ADAPTER FOR TOP OF MAST SO MS-116-117 & 118 WHIPS CAN BE ADDED. 1 LB. \$1.95

IL-4 INSULATOR, HAS TERMINALS (2) FOR CONN. ANT. WIRE AND FEMALE COAXIAL FITTING FOR CONN. CG-357/U CABLE. 1 LB. \$2.95

CG-357/U COAXIAL CABLE RG-59A/U 72 OHMS WITH (50FT) W/JACK & PLUG EA END, TYPE "N" 2LB \$2.50

MX-GUY ROPES ARE MADE OF 3/16 NYLON AND COME WITH LENGTH ADJUSTMENT FASTENER, SNAP HOOK AND INSULATOR, 800 LB. TEST.

MX-382 GUY 31FT WITH ATTACHMENTS. 12oz \$1.00

MX-381 " 40" " " 14" \$1.25

MX-383 " 50" " " 16" \$1.50

MX-378 GUY PLATE FOR FASTENING GUY 2oz \$.35

MX-516 HALYARD 3/16" NYLON ROPE 800 LB TEST 140 FT. WITH INSULATOR, FASTENER THAT ATTACHES TO RL-122 REEL OR WIRE AND A PULLEY THAT FLOATS ON HALYARD AND ATTACHES TO GUY PLATE W/SNAP HOOK. \$4.50

CP-12 COUNTERPOISE; FOUR 25 FT RADIALS OF WIRE 16/#30 WEATHER PROOF, WITH ATTACHMENTS THAT ARE FASTENED TO GROUND STAKES, USED W/VERTICAL. 2LB. \$3.95

GRA-4 GUY STAKE; ALUMINUM 18" WITH FASTENER FOR GUY, 1 1/2" x 1 1/2" ANGLE. 1 LB. \$.50

HM-1 HAMMER LEGGE 36 OZ HEAD, 13 1/2" HANDLE DOUBLE FACE HEAD. 3 LB. \$4.95

GRA-4 TAPE; MEASURING STEEL 100 FT 3/8" W. 1/10 & 1/100 FT. GRAD. \$4.95

W-128/146 WIRE LEAD-IN, WEATHERPROOF FT \$.05

TN-174 TUNER WITH 12 TO 244 MMF VARIABLE CAP. USED IN ANTENNA CIR. TO BRING SET INTO RESONANCE, W/ ATTACHMENTS. 2 LB \$4.95

BG-102 BAG; CANVAS WITH SHOULDER STRAP AND CLOSURES. SIZE 14x9x14; 3LB \$1.50



CARRIER MONITOR: WHEN COUPLED TO AN ANTENNA TRANSMISSION LINE IT PROVIDES DIRECT CURRENT TO A REMOTE POSITION WHICH CAN BE USED AS AN INDICATION OF PROPER TRANSMISSION. THE OUTPUT AMPLITUDE IS PROPORTIONAL TO THE CURRENT FLOW IN THE TRANSMISSION LINE. INPUT IMPEDANCE 600 OHM, OUTPUT IMP. 600 OHM. OUTPUT LEVEL - 30DBM FOR 100% MOD. INTO 600 OHM LINE. WITH TUBES 6X4, 6J6, 6AL5, V103. VOLTAGE REQ. 115/230V 60 CYC. OUTPUT JACKS AND CONTROLS ON FRONT PANEL. ALSO 2 VACUUM CAPACITORS 3MFD 15 KV AND LEAD FOR CONNECTING TO 500 TO 50K WATT TRANSMITTER IN THE 2 TO MC. RANGE. UNIT ALSO HAS COVER. SIZE: 6x6x8 1/2; 15 LBS. #1028017 UNUSED \$4.95

AF/URG-60 RECEIVER
100 TO 156 MC AM
CRYSTAL CONTROL ONE
CHANNEL, AVC, SQUELCH
AND NOISE LIMITER
CIRCUITS, 115 VOLT 25-60 CYCLE WITH TUBES
4/6AK5, 4/6SG7, 2/6H6, 2/6S7, 1/6F6 & 1/5Y3GT.
OUTPUT PHONE AND LINE JACKS, RF AND VOLUME CON
TROLS, PILOT LIGHT, SWITCHES ETC.
RACK PANEL MTD. 19x5x15 1/2; WT: 50 LBS.
PRICES: USED \$39.50 CHECKED FOR OPERATION \$45

MOTOROLA
T-193 TRANSMITTER 30-40
MC, F.M. 30 WATT, CRYSTAL
CONTROL SINGLE CHANNEL,
6 VOLT DC DYNAMOTOR WITH
TUBES 4/7C7, 2/7A8, 1/6V6
& 1/807.
SIZE: 15x9x9; WT: 30 LBS.
PRICES: NEW \$14.95 USED \$9.95 NO TUBES \$5.95

MOTOROLA TRANSMITTER 152-172 MC FM USED \$14.95

20 MC - 28 MC

BC-499 RECEIVER F.M. 20-28
MC, 5 CHANNEL CRYSTAL CON
TROL, FD 15 KC WITH 11
TUBES 3/12SH7, 1/12S7, 2/
12H6, 2/12A6, 1/12SL7GT &
2/12K8. WITH 14 VDC DYNA
MOTOR OUTPUT 260 VDC 60
MA., AUDIO OUTPUT 500OHM
& SQUELCH CIRCUIT.
SIZE: 12x9x9; WT: 23 LBS.
PRICE: RE-NEW \$18.95
CONNECTOR PLUG TO FIT UNIT ... \$1.50

0-39/TRA-7 FREQUENCY SHIFT
EXCITER; FOR USE IN THE 2
TO 6 MHZ RANGE, VARIABLE
TUNING, MASTER OSCILLATOR
IS HOUSED IN HEATED OVEN
W/ THERMOSTAT FOR 60 DEG.
ALSO 850 CYC. AUDIO OSC.
AND BUFFER AMPLIFIER. FREQ. SHIFT 212.5 TO
850 HZ DEPENDING ON THE TRANS. USED.
WITH TUBES 3/6S7, 2/0C3, 6AL5, 6V6, 6SA7, 6E5 &
5R4. POWER REQUIRED 115 V. 60 CYCLE.
CABINET SIZE: 13x21x16 1/2; 125LBS. USED \$39.50

NAVY WALKIE TALKIE MARINE BAND

NAVY WALKIE-TALKIE TRANSMITTER &
RECEIVER. THIS EQUIPMENT IS CRYSTAL
CONTROLLED AND CAN BE OPERATED ON
ANY ONE CHANNEL IN THE FREQUENCY
RANGE OF 2.3 TO 4.5 MC. VOICE (A3)
COMMUNICATION ONLY, OUTPUT OF TRANS
IS 0.2 WATTS AND SATISFACTORY COMMUN
ICATION BETWEEN UNITS OVER AVERAGE
TERRAIN SHOULD BE ABLE TO BE MAINTA
INED UP TO APPROX. (1) ONE MILE.
WITH TUBES 1/1R5, 1/1S5, 2/1T4, 3/3S4. VOLTAGES
REQUIRED 67.5 VDC 3 MA; 135 VDC 4 MA; 1.5VDC
225 MA FOR REC. 67.5 VDC 1.5 MA; 135 VDC 19
MA; 1.5VDC 225 MA & -6VDC 30 MA FOR TRANSMIT.
UNIT COMES IN A WATERPROOF PLASTIC CASE WITH
SPACE FOR BATT. OR POWER SUPPLY. TELESCOPING
ANTENNA 8 FT. HAS SPEC. LOADING COIL.
COMPLETE WITH TUBES, ANTENNA, 2 CRYSTALS
FT-243 (NO CHOICE) HEADSET W/CANVAS BAND
CARBON MICROPHONE, CANVAS COVER,
& MANUAL. SIZE 8x8x2 1/2; WT: 8 LBS.

NAVY WALKIE-TALKIE DIRECTION
FINDING EQUIPMENT MODEL DAV
SAME AS "MAB" DESCRIBED ABOVE
ONLY HAS A DIRECTION FINDING
LOOP CIRCUIT FOR HOMING AND IS
IN A WATERPROOF PLYWOOD CASE
WITH WEB STRAPS FOR CARRING ON
BACK OR FRONT. ALSO COMPLETE
WITH TUBES, HEADSET WITH CANVAS
BAND, LIP MICROPHONE, TELESCOPING,
ANTENNA & 2 CRYSTALS (NO CHOICE)
WITH MANUAL. SIZE: 14x10x3 1/2; 11LB
PRICE: UNUSED \$12.95

VIBRATOR POWER SUPPLY MAB & DAV
DESIGNED FOR USE WITH MAB & DAV
DESCRIBED ABOVE, OPERATES FROM 6 V
DC STORAGE BATTERY NT-6, THAT FITS
ON BOTTOM OF P.B. PACK, 6 V 4AMP.
(CAN BE OPERATED FROM ANY 6 VDC 4 A.
SOURCE) SUPPLIES 1.5 VDC .3 A, -6 VDC
.02 A, 67.5 VDC .005 A. 135 VDC .02A.
ALSO USED WITH NAVY EQUIP. MU, MV,
MW, & MX. SIZE: 6x3x3 1/2; WT: 2 LBS. NEW \$6.95

N-T-6 PLASTIC STORAGE BATTERY
FOR ABOVE POWER SUPPLY CRF-20221A
SUPPLIES 6 VOLTS DC 4 AMP.
SIZE: 3 1/2x2x2; WT: 2 LBS. DRY
CHARGE BATTERY. \$3.95

TRANSMITTER RECEIVER

RT-53/TRC-7 TRANSMITTER-RECEIVER
100 TO 156 MC AM VOICE, 1.5 WATT
CRYSTAL CONTROL ON TWO PRESELECT
ED CHANNELS, 1 1/2" METER FOR CHECK
ING OPERATION, MIC, PHONE AND
MONITOR JACKS ALSO VOL CONTROL
ON FRONT PANEL, WITH 16 TUBES
3/1AB5, 3/1L4, 1/1S5, 1/1LA3, 5/3A5,
1/3Q4, 2/3A4. VOLTAGES REQUIRED
90 VDC. 4 1/2 VDC AND 60 VDC.
SIZE: 11 1/2x5 1/2x13 1/2; WT: 15 LBS. USED \$24.95

LINK RECEIVER 30-50 MC FM
TYPE 11-UF-ED-6. CRYSTAL
CONTROL SINGLE CHANNEL,
DUAL CONVERSION, SQUELCH
CIRCUIT WITH TUBES 5/7AG7
2/7A6, 1/7C7, 1/7F7, 1/7B5 &
1/7F7. VOLTAGES REQUIRED
FOR FILAMENTS 6 VOLTS,
HIGH VOLTAGE 250 VDC 60MA.
SIZE: 1 1/2x13x9; WT: 22 LBS. PRICE: USED \$27.50
POWER & CONTROL PLUG \$1.00 ANTENNA PLUG \$1.00

115V 60 CYC & 6 VDC

LINK TYPE 5-FRX TRANSMITTER
RECEIVER; F.M. 30-40 MC
115 VOLT 50-60 CYCLE OR
6 VOLT DC. SINGLE CHAN
NEL CRYSTAL CONTROL. SET
IS HOUSED IN METAL BOX
WITH SPEAKER, HANDSET, PILOT
LIGHT CONNECTOR AND SWITCH
FOR 6 OR 115 V. OPERATION.
TRANSMITTER OUTPUT IS 3 WATT USING TUBES 1/
7F7, 1/7W7, 2/7C5, CRYSTAL FREQ. IS MULTIPLIED
32 TIMES FOR OPERATING FREQ.
RECEIVER SENSITIVITY 1/2 MICROVOLT OR BETTER.
WITH TUBES 2/6AC7, 2/6K8, 1/6V6, 1/6SH7, 1/6S7,
2/6H6, 1/6SL7 & 1/6K6. FREQ. DEVIATION - 15KC
CASE SIZE 21x9x15; WT: SHPG. 80 LBS.
RECEIVER CAN BE OPERATED WITHOUT TRANSMITTER
PRICE: USED AS DESCRIBED

LINK RECEIVER 1905 152-172
MC F.M. DOUBLE CONVERSION,
SINGLE CHANNEL CRYSTAL CON
TROL, SQUELCH CIRCUIT, WITH
TUBES 2/7A6, 1/7F7, 7/7AG7,
1/7B5, 2/6AK5. LESS CRYSTALS
SIZE: 8x10x12 1/2; WT: 30 LBS.
PRICE: WITH 6 VOLT POWER SUPPLY \$34.95
" " " " " " " " \$39.50

LINK TRANSMITTER 1906 152-172 MC FM LESS TUBE
DYNAMOTOR, RELAYS CRYSTALS, USED 6.95

R-114/VRC-4 RECEIVER AM CRYSTAL
CONTROL ON FOUR CHANNELS IN THE
1.7 TO 8.7 MC BAND, ONE TUNEABLE
BAND OF 190 TO 510 KC. IF FREQ.
325 KC. FOR PHONE AND CW USE.
WITH TUBES 4/6SK7, 1/6K8, 2/6SQ7 & 1/6K6. VOLTAGE
REQUIRED 6 V. FOR FIL. AND 220 VDC 80 MA.
SIZE: 15 1/2x11x14 1/2; WT: 80 LBS. RE-NEW \$29.95

CONTROL RECEIVER

R-127-RADIO CONTROL CONVER
TING RECEIVER 152-174 MC
F.M. 2 CHANNEL OUTPUT, BATT
ERY OPERATION. REQUIRED VOL
TAGES 67.5, 45, 30, 1.5, 7.5 & 10 1/2
WITH TUBES 2/959, 2/1T4, 2/3S
4, 1/1S5 & 1/958. I.F. 8.25MC
CHASSIS AS PHOTO. W/ SCHEMATI
SIZE: 12x8x8; WT: 12 LBS. RE-NEW
CONNECTOR PLUG TO FIT UNIT..... 1.50

I-130 SIGNAL GENER
ATOR; 100-156
MHZ WITH 1000 HZ
TONE MODULATED
SIGNAL, M.O. AND
CRYSTAL CONTROL
IN 5 STEPS, VARI
ABLE TUNING OVER
ENTIRE RANGE WITH
SEPARATE TUNING OF CRYSTAL OSC. CIRCUIT.
WITH TUBES 2/9002 & 3/9003. POWER REQUIRED
135 VDC AND 6 V.
SIZE 19x9 1/2x7 1/2; WT: 27 LB. PRICE: USED \$24.95
R.F. COAXIAL OUTPUT CONNECTOR PL-173 \$1.50
POWER INPUT CONNECTOR PL-177 \$1.50

NAVY TCS TRANSMITTER RECEIVER

AM, 1.5 TO 12 MC IN 3
BANDS, 40 WATTS CW, 20
WATTS PHONE, VARIABLE
MASTER OSCILLATOR AND
4 CRYSTAL CONTROL PRE
SET CHANNELS OVER THE
ENTIRE FREQ. RANGE.
WITH 3/12A6 TUBES IN
THE OSC. AND BUFFER-
DOUBLER, 4/16251'S MOD
ULATOR AND POWER AMPL
IFIER STAGES. ILLUMINA
TED DIAL WITH VERNIE
R AND SPIN TUNING, 2 1/2
INCH METERS FOR READ
ING VOLTAGES & R.F.
ALL TUNING AND OPERA
TING CONTROLS ARE ON
THE FRONT PANEL. VOLT
AGES REQUIRED 12 VDC
& 400-440 VDC 200 MA.
SIZE: 11 1/2x11 1/2x13 1/2; 41LB
USED \$34.50
USED CHECKED
FOR OPERATION \$44.50

NAVY TCS
RECEIVER
TRANSMITTER

NAVY TCS
RECEIVER

AM, 1.5 TO 12 MC IN 3
BANDS, CRYSTAL CONTROL
ON FOUR PRESET CHANNEL
OR VARIABLE FREQUENCY
OVER THE ENTIRE RANGE.
AUDIO OUTPUT 1.5 WATTS
INTO A 500 OHM LOAD.
WITH TUBES 12SK7 RF AM
PLIFIER, 12SA7 CONVER
TER, 2/12SK7 IF AMPLIFIER
12SC7 DETECTOR/BFO,
12A6 OSC. & 12A6 AUDIO
AMP. IF FREQ. 456.
ILLUMINATED DIAL WITH
VERNIER & SPIN TUNING.
AUDIO GAIN, AVC & BFO
CONTROLS. VOLTAGES REQ
UIRED 12 VDC & APPROX.
220 VDC @ 100 MA.
CW PITCH AND OSCILLA
TOR SELECTOR CONTROLS.
SIZE 11 1/2x11 1/2x13 1/2; 37LB.
USED \$44.95
USED CHECKED FOR
OPERATION 54.95

AN/FRR-59 RECEIVER (SIMILAR WRR-2) S.S.B.
2 TO 32 MHZ. DIGITAL TUNE 500 HZ OR CONT
INUOUS TUNING, A1, 2, 3, 9, F1, 4, FAX, FSTY, SSB
IN 2 CABINET, RACK 276LBS. REPAIRABLE \$550

R-1421 RECEIVER 1-31 MHZ, TRANSISTORIZED,
1C AND 2 TUBE CIRCUITRY, AM, CW/SSB, SW.
DIGITAL FREQ. READOUT, U/I TELEMETRY SYS.
115V 60 CYC. 3 1/2x9x15 1/2; 15LB. REPAIRABLE \$500

RA-1 RECEIVER, AM, CW, 6 BANDS 150-1.5, 2.5
-20 MHZ, CONTINUOUS TUNING, ILLUMINATED
DIAL, 10x7x14; 25LB. P.S. REQ. REPAIRABLE \$75

GR-605B SIGNAL GENERATOR W/605-PI P.S.
9.5 KHZ TO 30 MHZ. REPAIRABLE \$150

MEASUREMENTS 65B SIGNAL GENERATOR 75 KHZ
TO 30 MHZ. 6 RANGES. REPAIRABLE \$150

TCS POWER SUPPLIES
115 V 60 CYCLE (NOT SURPLUS)
COMBINATION UNIT FOR RECEIV
ER, TRANSMITTER & CONTROL Bx
7x8x13; 50 LBS. WIRED \$50.00
TRANSMITTER ONLY; 5x6x9 1/2; 15 LB. " 35.00
RECEIVER ONLY WITH SPEAKER
10x10x6; 15 LB. " 20.00

TCS REMOTE CONTROL UNIT TYPE
23270 FOR REC. TRANS. AND
AMPLIFIER WITH HEAVY DUTY 5"
PM SPEAKER, MIC & PHONE JACKS,
VOL. CONTROL & SWITCHES.
3 1/2x5 1/2x7 1/2; 7 LBS. RE-NEW \$9.95

RUBBER SHOCK MOUNTS ONLY EACH \$.50
MOUNTING BASE ONLY \$1.50 WITH 4 MOUNTS \$2.95
NOISE LIMITER CONVERSION KIT W/6H6TUBE 2.00

TCS CABLES RECEIVER TO POWER SUPPLY \$2.75
" " TRANSMITTER TO " " 2.75
PLUGS FOR CONTROL BOX & " " (2) 3.00

TCS ANTENNA LOADING COIL #47205; USED TO MAT
CH THE OUTPUT OF THE REC/TRANS. TO A WHIP
ANTENNA TO OBTAIN THE MAXIMUM PERFORMANCE.
OR BY USE OF THE 6 POSITION TAP SWITCH IT
CAN BE USED TO MATCH VARIOUS LENGTHS OF
STRAIGHT WIRE ANTENNA SYSTEMS.
SIZE: 6x9x6 1/2; WT: 7 LBS. PRICE: USED \$12.95

TCS PARTS
MOST PARTS AVAILABLE, ADVISE US OF YOUR NEEDS.

TCS DUAL DYNAMOTOR POWER SUPPLY
INPUT 12 VDC 14.5 AMP.
OUTPUT 440 VDC 200 MA.
FOR TRANS. 225 VDC 100
MA. FOR REC., FILTERED
INPUT & OUTPUT WITH
START RELAY & CONNECTORS FOR CONNECTING REC.
TRANS. & CONTROL BOX. RE-NEW
SIZE: 12x7x7 1/2; WT: 35 LBS. PRICE: \$14.95

D-401 DYNAMOTOR ONLY FOR TRANS. INPUT 12 VDC
9.9 AMP, OUTPUT 440 VDC 200 MA. RE-NEW \$6.95

D-402 DYNAMOTOR ONLY FOR REC. INPUT 12 VDC
3.8 AMP. OUTPUT 220 VDC 100 MA. RE-NEW \$4.95

RADIO TELEPHONE LINK



AN/TRC-47 RADIO SET IS PRIMARILY USED AS PART OF A 3 MILE SINGLE CHANNEL RADIO LINK IN A TWO WIRE TELEPHONE SYSTEM. A CONVERTER IS USED TO CONNECT THE TWO SYSTEMS. THE UNIT IS SINGLE CHANNEL AM CRYSTAL CONTROL FOR USE IN THE 132 TO 150 MC BAND AND REQUIRES 115 OR 230 VOLTS 50 TO 400 CYCLE FOR OPERATION. THE TRANSMITTER OUTPUT IS 7 WATTS AND COMES WITH TUBES 1 EA. 2E26, 5763, 5R4, 6AK6, 0A2 12AX7, 2 EA. 12AU7 & 6L6, TUNING METER & METERING SW....RECEIVER HAS SPEAKER AND TUBES 1 EA. 12AT7, 6AC5, 12AX7, 6AX5, 2 EA. 6BA6, 6J6, 0B2 & 4/6AK5...THE CONVERTER IS A COMBINED RINGING SIGNAL CONVERTER AND ELECTRONIC HYBRID NETWORK. IT CONVERTS A 20 CYCLE SIGNAL TO A 800 CYCLE AND 800 CYCLE FROM THE REC TO 20 CYCLE SO THE SIGNALS CAN BE TRANSMITTED AND ADAPTES TO TWO AND FOUR WIRE TEL. SYSTEMS. WITH TUBES 3 EA. 12AT7. 1 EA. 6AS6, 6AK6, 0B2, 2/0A2 & 3/6X4.

CABINET SIZE 21½x14½x22½; SHPG. WT: 100 LBS. PRICES: USED SERVICEABLE \$59.50

RT-159/URC-4 RADIO RECEIVER-TRANSMITTER USED FOR GROUND TO AIR-CRAFT RESCUE WORK. VHF FREQ. 120-130 MC. UHF FREQ. 240-260 MC. CRYSTAL CONTROL TRANSMITTER, SUPER REGENERATIVE RECEIVER. DIPOLE COLLAPSIBLE ANTENNA AND COMB. MIC & EARPHONE ARE PART OF THE SET. WITH 8 TUBES 4/60S0, 2/6147, 2E32, & 3Q4.

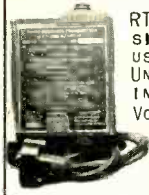
BATTERY VOLTAGES REQUIRED 1.4 AND 90 VDC. UNITS USED SERVICEABLE. SIZE: 3½x7x2½; WT: 3LBS. PRICE: USED \$14.95



CX-1093A/U POWER CABLE FOR URC-4 \$1.50



URC-4 TEST SET, TS-684/URM-30 USED FOR ALIGNMENT AND TESTING RT-159 REC TRANS. CONTAINS 0-1 MA. METER, CRYSTAL OSC., METERING SW. ANTENNA, CABLE ETC. IN CASE SIZE 6x6x4. WITH INSTRUCTIONS IN THE COVER PRICE: NEW \$9.95



RT-285/URC-11 RECEIVER-TRANSMITTER SIMILAR TO URC-4 RESCUE UNIT FOR USE BETWEEN AIRCRAFT AND GROUND. UNIT IS SET FOR 243 MC. TELESCOPING ANT. REC.-TRANS-TONE SW. BUTTON VOLTAGES REQ. 1.4 & 90 VDC. SAME AS URC-4 ALSO URC-4 TEST SET CAN BE USED; TS-684 SHOWN ON PAGE 16 SIZE: 3x1½x4; WT: 1½ LBS. PRICE: USED..... \$18.95

IDENTIFICATION SET

RT-82/APX-6 RADAR IDENTIFICATION SET RECEIVER-TRANSMITTER COVERING RANGE OF 950-1150 MC. IF FREQ. 59.5/1.5MC. (CAN BE CONVERTED TO 1215MC. QST FEB. '61, SETP. '60; 1296MC. QST JUNE '61).

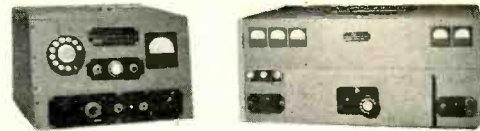
WITH (30) TUBES 6/6J6, 1/6AS6, 1/3E29, 3/6AL5, 1/5Y3, 2/3B24, 3/6AL5, 2/12AU7, 7/6AK5, 1/2C42, 1/2C46, 1/1B40, 1/1N-43, 1/1N-25 DIGIT COUNTERS ON TUNERS FOR TRANS-REC-LO FREQ. CONTROLS. VOLTAGE REQUIRED 24 AND 115 400/800 CYCLE. SIZE 13x13x10; WT: 45 LBS. \$39.50 PRICES: USED \$18.95 GOVT RE-COND.



APX-6 R.F. HEAD A-403 P/O RF-29 WITH COUNTERS AND ANTENNA INPUT. USES TUBES 2C42, 2C46 & 1B40 8x8x3; WT: 6 LB. LESS TUBES \$4.95



R-425B/ARW-59 RECEIVER USED IN PILOT LESS AIR CRAFT IN THE 406 - 420 MC. F.M. BAND, 15 CHANNELS WITH A RESULANT AUDIO TONE OUTPUT IN THE FREQ. RANGE OF 7.5 TO 22.17 K.C. SENSITIVITY 5 MICROVOLTS WITH TUBES 8/5840, 5/5702, 6/5718, 2/5647, 1/5639 ALSO 2 CRYSTALS, 24 VDC BLOWER AND DYN. 24 VDC 2.3 A. OUTPUT 128 V. 205 MA. SIZE: 9x8x6; WT: 10 LBS. USED \$14.95



BC-1100 TRANSMITTER; 1.5 TO 10 MHZ, CRYSTAL CONTROL OR MO. ON ANY 4 PRESELECTED CHANNELS BY LOCAL OR REMOTE DIALING OR ON/OFF OPERATION 75 WATT C.W. 50 WATT PHONE. POWER REQ. 115/230 VOLT 50/60 CYCLE. WITH TUBES 2/6L6, 3/807, 1/VR-150, 1/5Z3 & 2/RK-60. MANUAL ONLY \$5.00 SIZE: 40x18x30; WT: SHPG. 411 LBS. NEW \$75.00

RM-40 REMOTE CONTROL & AMPLIFIER FOR ABOVE TRANSMITTER, HAS PULSE DIAL CIRCUITS THAT CAN BE USED TO OPERATE TRANS. OVER TELEPHONE LINES OR WIRE, MIC. AND PHONE AMP. AND LINE LEVEL METER. POWER REQ. 115/230 V. 50/60 CYC. WITH TUBES 2/6J5 & 1/80. SIZE: 10x14x13½; WT: 50 LBS. NEW \$35.00 CARBON MICROPHONE \$7.95 MANUAL \$5.00



RC-223 TRANSMITTER, 25 WATT 2000 TO 5000 KHZ WITH THREE PLUG-IN TUNING UNITS. CRYSTAL CONTROL AND VARIABLE OSCILLATOR. FOUR PRESELECTED CHANNELS USING CHANNELS USING

FT-171 CRYSTAL HOLDERS. WITH TUBES 801 OSCILLATOR, 801 POWER AMP, 2/46 MODULATORS, 46 AUDIO AMP. 0-3 RF AMP AND 0-300 VDC METERS. VOLTAGE REQUIRED 12 OR 24 VDC AND 500 VDC @ 150-200 MA. SIZE: 18x13x7 WT: 100 LBS. PRICE: W/TUBES, THREE TUNING UNITS, AND CASES FOR TWO TUNING UNITS, NEW \$19.95



RT-380/AR RECEIVER-TRANSMITTER 2 TO 18.5 MC C.W. PHONE, 100 WATT TRANS. AM CRYSTAL CONTROL ON 10 PRESELECTED FREQ. RECEIVER 50 MW MIN. INTO 600 OHM LOAD. WITH TUBES 1/813, 2/811, 1/1625, 1/6AG7, 1/6V6, 1/12BE6, 2/12AU7, 2/12AL5, 2/28E7 & 4/6BA6. POWER REQUIRED 400 VDC @ 750 MA. 750 VDC @ 350 MA. AND 27 VDC FOR RELAY AC FOR FILAMENTS. (SAME VOLTAGES AS ART-13) (SIMILAR TO COLLINS 18S4) SIZE: 15x7½x23½; WT: 70 LBS. LESS CRYSTALS PRICE: USED LESS DYNAMOTOR \$49.50



R-666/ARN-32 RECEIVER 75 MC CRYSTAL CONTROLLED FIXED FREQUENCY, USED TO ACTUATE RELAY THAT IN TURN CAN BE USED TO PERFORM A SPECIFIC FUNCTION FROM A REMOTE POINT BY RADIO, ALSO HAS AUDIO OUTPUT. COMES WITH TUBES 4/5908, 4/5907 AND 1/5903. POWER REQ. 27.5 VDC .6 A. SIZE: 2½x5x8; WT: 2 LBS. PRICE: USED \$9.95



BC-1333 MARKER BEACON RECEIVER 75 MHZ, USED IN AIRCRAFT FOR RECEIVING SIGNAL FROM AIRPORT. SIGNAL RECEIVED ENERGIZES RELAY WHICH IN TURN OPERATES INSTRUMENT PANEL LIGHT. CAN BE USED TO ACTUATE ELECTRICALLY OPERATED THINGS FROM A REMOTE POINT. VOLTAGE REQ. 24 VDC. WITH TUBES 1/12SN7, 1/6SH7, 1/6SL7. SIZE: 3x5½x5½; WT: 3 LBS. PRICE: USED \$4.95

R-196C/ARW-26Y REMOTE CONTROL RECEIVER, MAY BE TUNED TO ANY FREQUENCY BETWEEN 60 AND 74 KHZ. APPEARS FREQ. CAN BE CHANGED SO THAT THE UNIT MAY BE ADAPTED FOR REMOTE RADIO SIGNAL ACTUATION AS POSSIBLY GARAGE DOOR OPENER, SECURITY SYSTEM ACTUATOR, ETC. ACCEPTS A SIGNAL MODULATED AT 300, 650, 955, 1390 AND 3000 HZ. AUDIO TONE OPERATES A SEPARATE RELAY FOR EACH FREQUENCY. THE 955 HZ RELAY ACTIVATED WHEN THE OTHER RELAYS ARE NOT. THE UNIT PERFORMS MOST EFFECTIVELY FROM VISUAL DIRECTION. RECEIVER CONTAINS AN RF AMP, DETECTOR STAGE AND FIVE AUDIO FILTERS. WITH SIX 12AU7 TUBES. 7½x8½x5½ WT: 8 LBS. UNUSED \$9.95



CASES & CABINETS

CARRING CASE FOR TS-147 TEST SET; MADE OF ALUMINUM, INSIDE MEASUREMENTS, OVERALL 17x11x11½, LOWER PORTION 7½ DEEP, REMOVABLE HINGED COVER, HASP FASTNERS. WT: 15 LBS. USED \$5

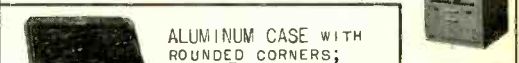


TRANSIT CASE FOR USM-25, ALUMINUM OVER PLYWOOD, 19x15½x13, 15½" MEASUREMENT HAS DIVIDER AT 11½, LEAVING 4" COMPARTMENT OTHER-SIDE COVER HELD ON WITH 6 HASPS. WT: 29 LBS. USED \$5.00



WESTERN ELECTRIC CABINET FULL LENGTH DOORS FRONT & BACK. SIZE: 84x22x17 FOR 19" PANEL MOUNTING. WE#X75259 SHPG. WT: 175 LBS. PRICE: LIKE NEW \$50.00

FGC-29 EQUIPMENT CABINET WITH REAR DOOR AND 115 VOLT 60 CYCLE BLOWER. SQUARE SIDES SO UNITS CAN BE USED SIDE BY SIDE. SIZE: 75x22½x24 FOR 19" PANEL. WT: SHPG. 200 LBS. PICTURED TO RIGHT PRICE: LESS COMPONENTS \$40.



ALUMINUM CASE WITH ROUNDED CORNERS; STURDY, COMPACT SINGLE COMPARTMENT CONSTRUCTION. HASP-TYPE FASTNERS. INTERIOR 9½x10x5½ WT: 6 LBS. #CV-425 \$5.00

ALUMINUM TRANSIT CASE WITH FOUR COMPARTMENTS, 3½x4, 7½x4, 1½x4 & 13x6½. MAY BE REMOVED FOR 13x10½ SIZE. 9" DEEP. HASP FASTNERS. WT: 10 LBS. #CY-693 \$5.00

MULTI-POINT CONTROL CABINET STATION CABINET IS 36" H X 12" W X 24" DEEP PANEL INCLINES 7½" DEEP FROM FRONT. AND HAS 9 IND. LITES, 5 PUSH SWITCHES 1 TOGGLE SW. 2 FUSE HOLDERS & 2 DUAL PHONE TYPE JACKS. INSIDE HAS FOUR RELAYS PLUG-IN TYPE, JUNCTION BOX CABLE ETC. 100 LB. AUTOMATIC ELEC. #638-2333 NEW \$12.95

ROTARY INDUCTORS

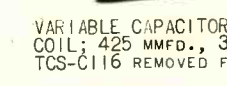
ROTARY INDUCTANCE TUNER COIL 2.5 TO 20 MC. 26 TURNS FLAT COPPER ¼x1/16 (APPROX. #18) ABOUT 21 MIC-HY (LOOKS LIKE IT SHOULD TAKE 1000 WATTS) WITH SPIN KNOB AND COUNTER DIAL. SIZE: COIL 6x5x8½, DIAL PLATE 6x3½; WT: 9 LBS. RUSSO#2407-1M PRICE: RE-MOVED F/EQUIP. \$18.95



ROTARY INDUCTANCE TUNER COIL 2.5 TO 20 MC. 29 TURNS WIRE NO 14, COIL FORM 2-3/16x4-3/8 APPROX. 19 MU-HY, 100 WATTS, ½" SHAFT WITH COUPLING. SIZE: 3x4x7; WT: 4 LBS. RUSSO#2407-1C PRICE: RE-MOVED F/EQUIP. \$9.95



ROTARY INDUCTOR, 32.7 U-HENRY, 43 TURNS. 1½" DIA. X 2½" LONG COIL. OVERALL LENGTH 2½x2½x7. REMOVED FROM TCS TRANSMITTER SO SHOULD BE GOOD UP TO 100 WATTS. WT: 2 LB TCS-L108-LD LESS DIAL USED \$8.95 VARIABLE CAPACITOR TO MATCH ABOVE ROTARY COIL; 425 MMFD., 3x1½x1½ WITH SHAFT. TCS-C116 REMOVED FROM TCS \$2.95



ROTARY INDUCTOR COIL FROM COMMAND TYPE TRANSMITTER, COMPLETE UNIT LESS TUBES, CRYSTAL WITH DIAL, CAPACITORS, 2 VARIABLES ETC. SHPG. WT: 10 LBS BC-457-458 OR EQUIVALENT. USED \$4.95



INSULATORS



STAND-OFF INSULATOR, 1 1/2" DIA., 8" LONG. 1/2" -20 THREAD 3/8" DP. 2 1/2" MOUNTING. WT: 1 1/2 LBS. #3G1300-128 \$3.50

SPREADER INSULATOR, 4" LONG X 1/2" DIA. 2 1/2" BETWEEN HOLES. #IN-1020 25¢ EACH

STK.#INS.1014; FEED-THRU 4" LONG 1/2" HOLE, 7/8" DIA. WITH NECK. PRICE: 25¢

STK.#3G2001-6; FEED-THRU 6" IN. 1/2" HOLE, 9/16" DIA. NO NECK. PRICE: 35¢

STK.#INS.#1015; FEED-THRU BRASS BOLT 6 1/2" LONG X 1/2" W/NUTS, SPLIT INSULATOR FOR 3/4" THICK MOUNTING WITH CORK WASHERS, OVERALL LGTH 3 1/2" X 2, WT: 2LB. \$2.50

STK.#3G584 IN-84 FEED-THRU CONICAL SHAPE, 5" LG. O/A; 2 CONICAL SHAPED 1-1/8 LG. X 1 1/2 DIA. AT BOTTOM, 1" AT TOP, 1/4" DIA. ROD WITH 1/4 20 THREAD WITH NUTS/WASHERS 1/2 LB. 25¢ EA. 5 FOR \$1.00

TRANSMITTING LEAD-IN INSULATOR, THREADED ROD W/ONE INSULATORS 2X1 EACH. ADJUSTABLE BETWEEN CONES. 1 1/2" OVERALL. WT: 2 LBS. #4238 PRICE: \$1.00



3G138-20.11 RIDGED CONICAL 2" BASE, 3" TOP, 1 1/2" LONG, PUSH SPRING TYPE BINDING POST ON TOP, WHICH CAN BE REMOVED AND BOLT INSERTED. 1/2 LB. 35¢ 3 FOR \$1.00

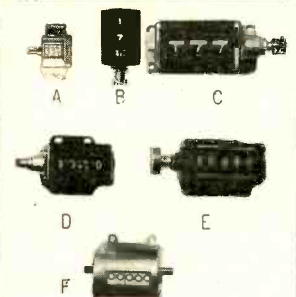
#IN-70 STRAIN INSULATOR: CYLINDRICAL WITH FOUR 1/2" RIBS. 7/16" HOLE. 2 1/2" X 1 1/2" DIA. \$.35 EA. 3 FOR \$1.00

STK.#CBJ61023 ENTERING INSULATOR, CERAMIC 2 1/2 X 2, CADMIUM PLATED MOUNTING RING 3 1/2" WITH 6 MOUNTING HOLES, GASKET, 4" 1/4-20 THREAD BRASS BOLT WITH NUTS. 1/2 LB. 39¢ EACH 3 FOR \$1.00

ART-13 TRANSMITTER ANTENNA INSULATOR PANEL; WITH 3 1/2 X 4 OBLONG INSULATOR WITH TWO SPRING-TYPE BINDING POSTS. ALSO A 1/2 X 1 AND A 1/2 X 1/2 CONICAL INSULATORS WITH PUSH-TYPE BINDING POSTS. WT: 1 LB. COMPLETE ASSY. USED \$1.00

VACUUM CAPACITOR 3 MMFD 15 KVDC ±10%; WITH CONNECTORS. SIZE: 5/8" X 4", 8 OZ. JENNINGS TYPE Y-3 \$1.50

COUNTERS



A. 3 DIGIT COUNTER. 1/8" SHAFT. EACH NUMERAL 1/8 IN. SIZE: 1 1/2 X 1 1/2. STK#CBSH334 \$.75

B. 3 DIGIT COUNTER. FOR VERTICAL MOUNTING. 3/8 IN. GEAR ON SHAFT. EACH NUMERAL 1/8". 1 1/2 X 1 1/2 - 1/8 STK#CBSH173 \$.79

C. 3 DIGIT COUNTER WITH BEVELED GEAR 2 1/2 X 1 1/2 X 1 1/2 IN. NUMERALS 1/2 X 1/2. STK#CBSH177 \$1.00

D. 3 DIGIT COUNTER W/DIGITS 10THS, ONES, TENS. 100 THS DIGIT REMAINS 0. 1/8 IN. NUMERALS. 2 1/2 X 1 1/2 STK#CBSH9030 \$.75

G. THREE DIGIT COUNTER WITH BEVEL GEAR OPEN-FRAME BACK, LEFT DRIVE. SIZE 1 X 3/4 X 3/4, MTG. MASK 1 X 1. STK#G32163 \$.50

F. 5 DIGIT COUNTER W/3/16 IN SHAFT EXTENDING AT EACH END. 99999-0 DESCENDING ONLY. 1/8" NUMERALS. 1 1/2 X 1 1/2 STK#CBSH00000 \$1.00

3 DIGIT COUNTER, VEEDER MFG. 1/2" DIA. GEAR SHAFT; 1/2" DIA. EXTERIOR SHAFT CAN BE GROUND TO 1/2". OVER-UNDER MOUNTING. 2 1/2 X 1 1/2 X 1 1/2; BC-1323 COUNTER \$1.00

TELEPHONE JACK STRIPS

#4C4426-14 TWENTY JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J-2, KELLOG #261 \$2.50

#4C4322-25 TEN JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J-2-1A; \$1.95

#4C4426.11 TWENTY JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J-2, NUMBERED 0-19 \$2.50

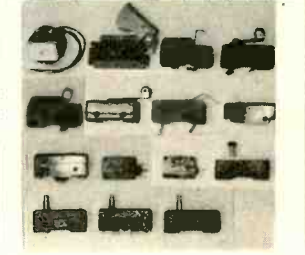
#4C4436.92-2 TWENTY JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J2, NUMBERED 20-39. KELLOG #369 \$2.50

#4C4692.2 TEN JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J2 WECO #92 TYPE139 \$1.95



3G1830-67076 ENTERING INSULATOR, BOWL 4-3/8" HIGH, 6-15/16 AT BASE, 1 1/2" ROD 3/8 BRASS WITH NUTS, MOUNTING RING 3 SEC. 8-3/4" DIA. W/6- HALF INCH NUTS & BOLTS 2 1/2" LG., BELL CAP 6" DIA. 10 LBS. \$5 EA. 3 FOR \$12.00

MICRO SWITCHES



SPST, R-RL2, NORMALLY CLOSED ROLLER LEVER ASSEMBLY, 15 A 125/250V. 2 1/2 X 5/8 \$.50

SPDT; 3Z-3R244T4; ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER; 2 X 1 X 1/2 \$.30

SPST; WHBT349A-1, NORMALLY OPEN. LEVER PLUNGER. 2" X 1" X 5/8". \$.30

SPDT; BZ-2R; ONE SIDE NORMALLY, OTHER CLOSED; PUSH PLUNGER ASSY. W/MOUNT. 2 X 1 X 1/2 \$.50

SPST; WZ-RQ41; NORMALLY OPEN; PUSH PLUNGER W/ MOUNT. 2 X 1 X 1/2 \$.45

DPDT; MS25008, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. EXTENDED BUTTON PLUNGER. 2 1/2 X 2 X 1" \$1.50

SPDT; YZ-3RLTC2, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. STRAIGHT LEVER PLUNGER. 2 1/2 X 7/8 X 1 1/2 \$.25

SPDT; WHBT349B-1; ONE SIDE NORM. OPEN, OTHER CLOSED. LEVER PLUNGER 2 X 1 X 1/2 \$.30

SPST; MU SWITCH TYPE D; SPLIT DIE CAST ENCLOSURE W/ 3/4" TAP CONDUIT HUB; 17/8.5A 125/250V. PUSH PLUNGER; 2 1/2 X 2 X 1 \$.75

SPDT; 2MD3-1A, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER. 1 5/8" X 1 1/2" X 1 1/2" \$.45

SPST; 2MC3-1A, NORMALLY CLOSED. PIN PLUNGER. 1 5/8" X 1 1/2" X 1 1/2" \$.45

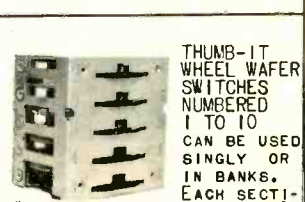
SPST; SW-186, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2" X 1 1/2" X 5/8" \$.25

SPST; G-RS, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2" X 1 1/2" X 5/8" \$.40

SPST; M07-102T, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2" X 1 1/2" X 5/8" \$.40

SPST; WZ-RS9, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2" X 1 1/2" X 5/8" \$.40

SW-118 SWITCH ASSY SPST, ONE SIDE HOLDING ON; OTHER SIDE MOMENTARY ON CENTER OFF. SWITCH SIZE: 1 X 1, CASE SIZE: 2 1/2 X 1 \$.35 EA 3/\$1.00



THUMB-WIPER SWITCHES NUMBERED 1 TO 10 CAN BE USED SINGLY OR IN BANKS. EACH SECTION ON SIZE 2 1/2 X 2 1/2, PRICE EACH SECT. 65¢ BANK OF FIVE AS ILLUSTRATED NOT AVAILABLE

PUSH SWITCHES



PUSH SWITCH WITH TWO SPDT MINIATURE MICRO SWITCHES, ONE SIDE NORM. OPEN, OTHER CLOSED; SCREW CAP COVERS PUSH BUTTON. #2PB1 \$.75

SPST NORMALLY OPEN; 3A/250. PSW002 \$.35

DPST NORMALLY OPEN; 1A/250. PSW004 \$.35

SPST GOLD-FINISHED DOORBELL NORMALLY OPEN; 1 5/8" DIA. HARDWARE INCLUDED. PSW005 \$.35

DPST INTERLOCK, NORMALLY OPEN. (3Z9825/254) PSW006 \$.35

SPST PULL SWITCH, NORMALLY OPEN. PSW007 \$.35

SPST NORMALLY CLOSED; CASING AS GROUND; 1/2" SCREWS REQUIRED FOR MOUNT. PSW008 \$.35

SPST, NORMALLY OPEN PSW010 \$.35

SPST, PUSH-LEVER SWITCH, 115 VAC 20 AMP; SILVER CONTACTS. P/O 1-199 #1-199-567 \$.65

SPST, NORM. OPEN, FITS 5/8" HOLE. J-3-PB \$.39



DPDT PUSH-LEVER SWITCH. PSW013 \$.50

DPST PUSH-LEVER SWITCH. NORMALLY OPEN. PSW014 \$.50

DPST NORMALLY OPEN. PSW015 \$.50

FIVE-PUSH SWITCH 2PST NORM. CL. 1PST NORM. OP. 1PST. 5 X 3 X 1 #PSW5022 \$1.00

SIX-PUSH SWITCH; FIVE ARE SPST NORMALLY OPEN, THE OTHER DPST AND DPDT ON THE OPPOSITE SIDE. 4 1/2" X 2 1/2" PSW017 \$1.00

SPST PUSH-LEVER SWITCH. 3 5/8" X 1 1/2" X 1 1/2". PSW022 \$.35

SPST NORMALLY CLOSED MICROPHONE SWITCH. COVER AS GROUND, WITH MOUNT. PSW019 \$.75

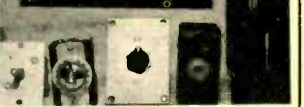
SPST NORMALLY OPEN START-STOP DOUBLE SWITCH. #401. PSW020 \$1.00

DPST, MICRO SW. NORM. CLOSE PUSH PLUNGER W/SIDE MOUNT; 1 1/2 X 1 1/2 X 1 1/2 CRI1070C103 \$.50

EIGHT PUSH SWITCHES DPST NORM. OPEN AUTO RELEASE. PUSH SW. RELEASES ALL SPST NO. CL. 5 X 2 X 1 1/2; #855-151 \$1

CHAFF DISPENSER CONTROL BOX AND 24 VOC 5 DIGIT DECLINING COUNTER 2 DIGITS AT A TIME ALSO 12 POSITION WAFER SWITCH. LESS DIAL LAMPS \$ TOGGLE SWITCH. 6 X 4 X 3; 2 LBS. \$1.95

SWITCHES



AIRCRAFT TYPE SWITCH TWO HOLE MOUNTING FIG. #1

CIR. CON. RATING NO. PR. SPDT NEW 15/125 B-5A \$.35 (ABOVE SWITCH CENTER OFF) SPDT REM 15/125 3022-7 \$.35 (ABOVE CENTER-OFF, MOM.)

SPDT NEW 15/125 B-1B \$.30 DPDT NEW 20/125 3023-10 \$.55 SPDT REM 5/125 B-7A \$.55 (CENTER OFF, MOM ONE SIDE)

TOGGLE SWITCHES

TOGGLE SWITCHES SINGLE HOLE MOUNTINGS: CONDITION NEW & "REM" REMOVED FROM EQUIPMENT, ALL GUARANTEED.

CIR. CON. RATING NO. PR. SPST REM 8/125 8817K2 \$.35 (ABOVE SWITCH MOMENTARY)

SPST NEW 6/125 SW-105N \$.30 (ABOVE WITH NOTCHED TOGGLE) SPDT REM 8/125 ST-130 \$.25 ("ON" BOTH SIDES)

DPST REM 3/125 7463954 \$.25 DPST REM 15/125 ST-50K \$.40 DPDT REM 3/125 SW3125 \$.30 DPDT REM 5/125 ST-22R \$.35

3PST NEW 15/125 SW3115 \$1.00 4PST REM 15/125 7661K5 \$1.00

BARKELEW DPDT SWITCH, FICTURED ABOVE, FAR RIGHT. 15 AMP 125 VOLTS AC. WITH FRONT MTG. SIZE: 5 X 6 X 1 1/2 WT: 1 LB. UNUSED \$1.50

DPDT AC LINE SWITCH WITH CENTER POSITION "OFF." CONTAINS ST-52-P TOGGLE SWITCH IN ALUMINUM CAST CASE. 15 AMP 125 VAC SIZE: 2 1/2 X 1 1/2 X 1 1/2 PRICE: UNUSED, \$1.00 EA.

HEAVY DUTY SPDT TOGGLE SWITCH, 80 AMP, 12 OR 24 VDC; CENTER "OFF" STUDS ARE 1/2" #20 THREAD. SIZE: 1 1/2 X 2-1/8 X 1 1/2 REMOVED FROM 1-199, #8783K3 USED \$2.95

LEVER SWITCHES



1273 #K-22 #K-1100 RM57H16

TELEPHONE TYPE LEVER SWITCH 5 MAKE ONE SIDE-CENTER "OFF" 6 MAKE OTHER SIDE; REMOVED. #HAC4803 \$.60

4 CIRCUIT EA. SIDE NORMALLY OPEN #3Z9818-9.1 50¢ EA. 1 SIDE 8 BREAK 8 MAKE 4 MAKE OTHER 1 BREAK #SW-BC1323 RE-MOVED 60¢

1 SIDE 2 MAKE OTHER SIDE 2 BREAK 2 MAKE SW-EE-2 35¢

TCK#404 GE#P7763503-2 50¢ 1 SIDE DPDT NC & DPST NO.

PUSH-TO-TEST

PUSH-TO-TEST INDICATORS. DOUBLE LAMP HOLDERS WITH MINIATURE BAYONET BASE. 2 1/2" x 1 1/2" x 3/4". KORRY ST-260 SCREW TERMINALS OR TYPE 260 WITH SOLDER TERMINALS. AVAILABLE WITH THE FOLLOWING INSCRIPTIONS:
 POWER - AIR CONDITIONING-IGNITER - POWER SUPPLIES-ERECTOR - 100% LIQ OXY
 PRICE: \$2.00EA

PUSH-TO-TEST INDICATOR WITH MINIATURE BAYONET SINGLE LAMP HOLDER. 2 1/2" x 1 1/2" x 3/4". KORRY ST-136 SCREW TERMINALS OR TYPE 136 WITH SOLDER TERMINALS. AVAILABLE WITH THE FOLLOWING INSCRIPTIONS:
 LOW - OVERLOAD - MALF. - POWER ON
 PRICE: \$1.25EA

PUSH-TO-TEST INDICATOR WITH MINIATURE SCREW BASE. RED 7/16" DIA. SMOOTH JEWEL. 0" TO 1/2" SURFACE CLEARANCE. REQUIRES 1/8" HOLE TO MOUNT. 1 5/8" LONG. USED.
 VM-500-2 \$1.59EA

PUSH-TO-TEST INDICATOR WITH MINIATURE SCREW BASE. 1/2" DIA. CARAMEL-COLOR COVER. 0" TO 1/2" SURFACE CLEARANCE. REQUIRES 1/16" HOLE TO MOUNT. 1 15/16" LONG. NEW.
 6210-617-0946 \$1.59EA

PUSH-TO-TEST INDICATOR WITH MINIATURE BAYONET DOUBLE LAMP HOLDER. 2 5/8" x 1 1/16" x 5/8" WITHOUT LAMP COVER. COVERS NOT AVAILABLE. NEW. KORRY TYPE 261 WITH SOLDER TERMINALS
 PRICE: \$1.00EA

INDICATOR LIGHT WITH MINIATURE BAYONET DOUBLE LAMP HOLDER. 2 1/2" x 1 1/2" x 3/4". INSCRIBED WITH "CHECK FULL RPM" NEW. KORRY TYPE 204 SOLDER TERMINALS.
 PRICE: \$.75



BULLS EYE PILOT LIGHTS

DULL FINISHED BRASS, BAYONET BASE, AND 0" TO 1/2" SURFACE CLEARANCE. ALL USED. LESS BULBS. PRICE: \$.39EA

B. PIL001. 7/16" CLEAR JEWEL. SINGLE CONTACT MINIATURE BASE. 2-1/8"x7/8"
 D. LH62BY2. 1/2" DIA. AMBER JEWEL. SINGLE CONTACT MINIATURE BASE. 2 1/2"x1"

GRIMES INDICATOR LIGHT WITH ROUND LENS CAP; RED LENS, SUB-MIN. 28v. BULB INCLD. 7/16" THREADED BASE; SINGLE CONTACT. 1 1/2" x 1 1/2"
 6220-333-5827 \$1.50



PILOT LIGHT JEWELS

RED, FACETED, 1/2" DIA. JEWEL. SCREWS INTO 1/16" DIA. HOLE OF DESIRED ASSEMBLY.
 TYPE 81 \$1.15 EA.

SMOOTH RED JEWEL 1/2" IN DIAMETER. SCREWS INTO A 3/8" ASSEMBLY.
 SERIES F \$1.15 EA

LARGE 5/8" FACETED AMBER JEWEL. SLIPS OVER BRACKET 7/8" IN DIAMETER. HAS ALSO MOUNTING HOLES FOR 3/32" SCREWS.
 2Z5368/1 \$1.15 EA

3/8" DIA. WHITE SLIP-IN LAMP CAPS FOR SWITCHBOARDS. (NOT PICTURED) SLIPS INTO 3/8" HOLE.
 4C1971 \$1.15 EA 100/\$10

SUB-MINIATURE PILOT ASSEMBLY. 5/16" AMBER FACETED JEWEL FIT INTO BRACKET WITH AN OPENING OF 5/16". REQUIRES DOUBLE TERMINAL PLUG-IN OR SOLDER-IN NEON LAMPS. 1" LONG AND 1" HIGH.
 PILO10 \$1.15 EA 8/\$1.00



SUB-MINIATURE NEON PILOT LIGHT ASSEMBLY. FLUTED 5/16" DIA. CLEAR JEWEL. BASE IS FEMALE PART FOR A THREE PRONG PLUG WITH 1/16" DIA. HOLES IN ISOSCELES TRIANGLE PATTERN. MOUNTS IN 3/8" HOLE. 0" TO 3/8" SURFACE CLEARANCE. 1 3/8" LONG. INCLUDES BULB. USED. 110v. PIL007 \$.25 5/\$1.00

SINGLE TERMINAL AND CONTACT SUB-MINIATURE DIMMER PILOT LIGHT. MECHANICAL DIMMER VARIES SIZE TO COMPLETE DARKNESS. REQUIRES T-1 1/2 BULB. 5/16" DIA. SMOOTH RED JEWEL. MOUNTS IN 7/16" HOLE. 1 3/8" LONG. LESS BULB. NEW.
 6210-643-4087 \$.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. CLEAR STOVEPIPE, SMOOTH 5/8" DIA. JEWEL. MOUNTS IN 1/16" HOLE. SURFACE CLEARANCE IS 0" TO 3/8 2 1/8" LONG. LESS BULB. USED.
 PIL008 \$.39

ALL PLASTIC PILOT LIGHT. SINGLE CONTACT, MINIATURE SCREW TYPE BASE. RED FLUTED, COVER-LIKE JEWEL 1/2" IN DIAMETER. NEEDS 1/2" HOLE. SURFACE CLEARANCE OF 0" TO 1/2". THERE IS NO ADJUSTING INSTALLATION DEPTH BY A NUT TWO 3/32" SCREWS ARE NEEDED TO ANCHOR LIGHT. 1 1/2" LONG. LESS BULB. USED.
 PI1009 \$.39



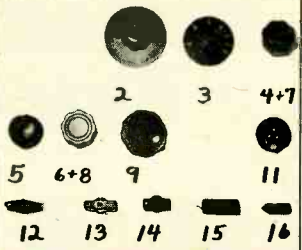
PILOT LIGHT WITH A SINGLE CONTACT, CANDELABRA SCREW BASE. LARGE 1" DIA. RED JEWEL FACETED ONLY AT THE EDGE. REQUIRES 1" HOLE AND HAS SURFACE CLEARANCE OF 0" TO 1/2". 2 3/8" LONG. LESS BULB. UNUSED.
 PIL002 \$.59

PILOT LIGHT WITH SINGLE CONTACT, CANDELABRA SCREW TYPE BASE. 1" DIA. RED-FACETED JEWEL. MOUNTS IN 1" HOLE WITH SURFACE CLEARANCE OF 0" TO 1/2". 2 1/2" LONG LESS BULB, UNUSED.
 PIL003 \$.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. 1/2" DIA. SMOOTH, GREEN JEWEL. MOUNTS IN 5/8" HOLE WITH A SURFACE CLEARANCE OF 0" TO 1/2". 2 1/16" LONG. LESS BULB, UNUSED.
 PIL004 \$.49



PUSH BUTTON SELECTOR SWITCH, 6-BUTTON EACH NORMALLY CLOSED, MAKE ONE EACH SIDE. 5 1/2" x 1" FRONT MTG. PIECE. MOUNTS INTO 4" x 3" x 5/8" AREA. WITH TERMINAL BOARD. UNUSED \$3.95EA.



FLUTED KNOBS

2-3/8" FLUTED KNOB W/3" SKIRT, BRASS INSERT FOR 1/2" SHAFT GR#9682 \$1.00

2-3/8" FLUTED KNOB W/2-7/8 SEMI SKIRT, INSERT FOR 1/2" SHAFT. GR#9566 \$1.00

1 1/2" DIA. FLUTED KNOB WITH REMOVABLE 3" DIAL WITH MARKING 34L-0-34R. BRASS INSERT FOR 3/16" DIA. SHAFT. KNBN002 \$.25

1" DIA. FLUTED KNOB WITH 2 1/2" NON-LINEAR CALIBRATED DIAL. BRASS INSERT WITH 1/2" DIA. HOLE. KNBN003 \$.25

1 1/2" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR 1/2" SHAFT. KNBN004 EA \$.25, 5/\$1.00

1 1/2" DIA. FLUTED KNOB WITH SKIRT AND POINTER. BRASS INSERT FOR 1/2" SHAFT. KNBN005 \$.25

1 1/2" FLUTED KNOB WITH BRASS INSERT FOR 1/2" SHAFT. KNBN006 \$.25

1" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR 1/2" SHAFT. KNBN007 \$.25

1" DIA. FLUTED KNOB WITH BRASS INSERT FOR 1/2" SHAFT. KNBN008 \$.25

ALL THE ABOVE KNOBS ARE OF SET SCREW TYPE.

SPIN KNOBS

2" DIA. METAL FLUTED SPIN KNOB FOR 5/32" SHAFT. KNBN009 \$.79

2 1/2" DIA. SPIN KNOB. METAL. TAKES 3/16" SHAFT. #8089 NEW \$2.00

METAL SPIN KNOB 1 5/8" DIA. TO BE ATTACHED TO ANOTHER KNOB OR DISK BY THREE SCREW. CONVERTS KNOB TO SPIN KNOB. KNBN011 \$.20

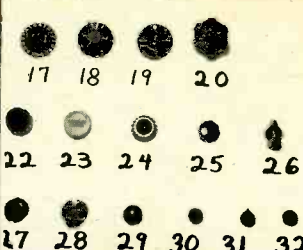
1 1/2" DIA. PLASTIC, FLUTED SPIN KNOB. TAKES 1/2" SHAFT. #0389 NEW \$1.25

1-1/8" DIA. PLASTIC FLUTED KNOB WITH LOCKING DEVICE. BRASS INSERT TAKES 5/16" SHAFT. #4692 NEW \$1.00

1-5/8" DIA. PLASTIC KNOB WITH 2 1/2" DIA. ALUMINUM SKIRT, CALIBRATED 0 TO 10. BRASS INSERT FOR 1/2" SHAFT. #9414 NEW \$1.50

1-1/8" DIA. FLUTED PLASTIC KNOB WITH 1 1/2" DIA. SKIRT. BRASS INSERT FOR 1/2" SHAFT. #9347 NEW \$.50

1" DIA. PLASTIC KNOB WITH 1 1/2" DIA. SKIRT. CALIBRATED ALPHABETICALLY A, B, ... Y, Z. SKIRT ALUMINUM. 1/2" HOLE. #5312 NEW \$.50



BAR TYPE KNOBS

BAR TYPE BAKELITE KNOB FOR 1/2" SHAFT. 1 1/2" x 3/4" x 5/8". SET SCREW TYPE. KNBN012 \$.25

BAR TYPE BAKELITE KNOB FOR 1/2" SHAFT WHICH MUST BE TAPED FOR SET SCREW. 1 1/2" x 3/4" x 5/8". KNBN013 \$.25

RECTANGULAR BAR TYPE BAKELITE KNOB 1 1/2" x 3/4" x 5/8". WITH BRASS INSERT FOR 1/2" SHAFT. SET SCREW TYPE. KNBN014 \$.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR 1/2" SHAFT TAPED FOR SET SCREW. 2" x 3/4" x 3/4". KNBN015 2/\$.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR 1/8" SHAFT TAPED FOR SET SCREW. 1 1/2" x 5/8" x 3/4". KNBN016 \$.25

BAKELITE BAR TYPE KNOB 1" x 1/2" x 3/4" ON 1/2" REMOVABLE DIAL FOR 1/2" SHAFT. SET SCREW. KNBN017 \$.25

1 1/2" DIA. METAL KNOB FOR 3/8" SHAFT WITH TWO SET SCREWS. FINGER GRIP KNOB FOR HEAVY SWITCHING APPLICATIONS. KNBN018 2/\$.35

1 1/2" DIA. PLASTIC KNOB WITH BRASS INSERT. BAR TYPE FINGER GRIP FOR SWITCHING. USE WITH 1/2" SHAFT. KNBN019 \$.25

1 1/2" BAKELITE KNOB FOR USE WITH 1/2" SHAFT. USED FOR APPLICATIONS WHERE EXTRA GRIP IS REQUIRED. 1 1/2" HIGH. KNBN020 \$2.5EA, 5/\$1.00

3/4" RIBBED KNOB 7/8" DEEP 1" SKIRT FOR 1/2" SHAFT DUAL BLK. KNBN7820 35¢

5/8" x 3/4" SAME AS ABOVE BRIGHT BLK. KNBN1261 20¢

BAKELITE INSTRUMENT KNOB 1" DIA. 1" HIGH. BRASS INSERT FOR 1/2" SHAFT AND SET SCREW. KNBN022 \$.25

1 1/2" KNOB MARKED "INCREASED OUTPUT". 1/2" HOLE WITH SET SCREW. 1 1/2" THICK. METAL. KNBN023 \$.25

1 1/2" PUSH-ON KNOB FOR 1/2" SHAFT. W/MODIFICATION, BROWN KNBN024 2/\$.25

BROWN BAKELITE 1" DIA. KNOB KNURED SHAFT OF 1/2". 1/2" HIGH. KNBN025 2/\$.25

BAKELITE POINTER KNOB WITH BRASS INSERT FOR 1/2" SHAFT. 1 1/2" x 1" x 3/4". KNBN026 \$.25

FLUTED KNOB W/ POINTER AND SKIRT FITS 1/2" SHAFT. 1 1/8" DIA. 1 1/2" THICK. KNBN027 \$.25

1 1/2" DIA. KNOTCHED KNOB WITH BRASS INSERT FITS 1/2" SHAFT. SET SCREW TYPE. 1 1/2" HIGH. KNBN028 3/\$.25

MINIATURE LAMPS

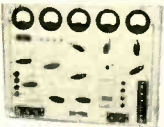
STK#	TYPE	V.	A.	BASE	BULB	EA	PKG. 10
2Z5950	LM-50	2	.25	MIN SC.	G-6	.20	.75
2Z5950	511	2	.25	MIN SC.	G-6	.20	.75
6B521	LM-21	1.10	400	MED SEC.	G-30	.50	4.00
	(LM-21)	P/O SIGNAL LAMP EQUIPMENT EE-80					
6240-6594	LM-41	110	6W	CAN SC.	#8	.20	1.50
2Z5877-29		6.8	.25	CAN SC.	G-6	.20	.75
2Z5878	43	2.5	.5	MIN BAY	T-3 1/2	.20	.75
8870-775		150		CAN SC.	636 CL	.20	1.00
2Z5954	LM-54	105-125		LEADS	T-2	.20	.75
6Z6812-5	LM-45	12-16	.6	CAN BAY	G-6	.20	.75
6240-7126		55	5W	MED SC.	S-14	.25	2.00
DE EVRY494	(RED)	125	.25W	CAN SC.	T-6	.25	2.00
6Z6812-5	LM-44	12-16		DC BAY	G-6	.20	.75
PC90615C		12		MIN SC	G-3 1/2	.20	.75
6240-3394	386/5	115		DC BAY	T-4 1/2	.25	1.75
	502	5	.15	MIN SC.		.20	.75
6Z6812-6	STANDARD LAMP	12		VOLT FROSTED		.35	3.00
	PR-10	6					
	480	22	.55	MIN SC.	G-6	.30	2.00
2Z5882		18	.11	MIN SC.	T-3 1/2	.20	1.00
6Z6827	LM-30	27		I CAN BAY	T-8	.20	1.00
	NE-2	1/17	AMP	2F SLIDE BASE		.10	.75
	4C5491-K1			K1 SLIDE BASE		.10	.75

GE# 5F001 4 WATT FLUORESCENT LAMP, 5-3/8" LONG, TERMINAL TO TERMINAL \$.25 EA. 24 FOR \$3.

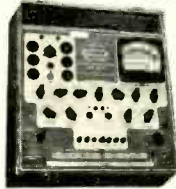
GE #4550 28 VOLT 250 WATT, 7" DIAMETER, PRICE: \$3.00 EA.

GE PAR 64/WFL 115 VOLT 500 WATT WIDE FLOOD LAMP, 8" DIAMETER \$6.50 EA.

DYNAMOTOR TESTER



TS-414 DYNAMOTOR TESTER
THIS EQUIPMENT PROVIDES A MEANS OF TESTING DYNAMOTORS OF SEVERAL TYPES UNDER LOAD CONDITIONS. PROVISION IS MADE FOR THE MEASUREMENT OF INPUT VOLTAGE, INPUT CURRENT, OUTPUT VOLTAGE, OUTPUT CURRENT AND OUTPUT RIPPLE VOLTAGE OF BOTH SINGLE AND MULTIPLE OUTPUT DYNAMOTORS. METERS; INPUT D.C.V.; INPUT AC VOLTS RMS; DC OUTPUT CURRENT; DC OUTPUT VOLTS
POWER REQUIRED: 14/28 VDC, 50 AMPS. \$35.00
SIZE: 27x21x17 1/2; WT. 100 LBS.

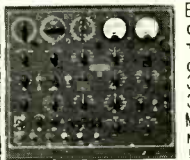


STARK TUBE CHECKER 9-66 OR DYNAMIC MUTUAL CONDUCTANCE TYPE DESIGNED TO PROVIDE EITHER REPLACE-GOOD READING OR MUTUAL CONDUCTANCE VALUE IN MICROHMS OF VACUUM TUBE USED IN RECEIVERS & TRANSMITTERS, WITH PROVISIONS FOR LOCATING SHORTS & LEAKAGE BETWEEN ELEMENTS ALSO NOISE TEST. ROLLER TYPE CHART FOR TUBE SETTINGS. NEW CHARTS CAN BE OBTAINED FROM MFG. WHEN NECESSARY. USED REPARABLE \$50.00
SIZE: 18x17x8; WT: 45 LBS.



TS-730 SUMMATION BRIDGE WATTMETER USED TO MEASURE R.F. OUTPUT IN THE 1000 TO 4000 MC RANGE. EMPLOYS A DIRECT READING CIRCUIT IN WHICH A BOLOMETER ACTS AS ONE ARM OF A D.C. WHEATSTONE BRIDGE AT THE SAME TIME PROVIDING THE CORRECT RESISTIVITY TERMINATION FOR RADIO FREQ. POWER ENTERING THE WATTMETER. POWER INPUT 5 MW TO 5 WATTS. INPUT IMPEDANCE 50 OHMS. METERS 3 1/2" 0-50 RELATIVE POWER AND CENTER SCALE BALANCE. WITH TUBES 2/5651, 6AU6, 6AS7G & 5Y3GT. POWER REQ. 115 V. 50-1600 CYCLE.
SIZE: 13x14x11; WT: 19 LBS.
PRICES: LESS ATTENUATOR KIT BUT AS ILLUSTRATED LESS CARRING CASE \$14.95 WITH ATTENUATOR KIT AND CARRING CASE 35.00

COMPUTER



B-29 COMPUTER TESTER USED TO CHECK THE FIRE CONTROL SYS. THIS UNIT CONTAINS A VOLT-OHM METER WITH ONE OHM RANGE 300 OHM CENTER SCALE, AC; 3, 30, 150, 300. DC: 3, 30, 150. MILLIAMPMETER 2.5MA AND 25 MA. 2/2J1F1 400CYC SELSYN 1/2J1H1 SELSYN 400CYC WHICH WILL OPERATE ON 36V 60CYC. 11/WAFER SWITCHES 6/ POTENTIOMETERS, 8/ TOGGLE SWITCHES, 1/FIVE PUSHBUTTON SWITCH, PLUS OTHER PARTS ALL IN A 19x12x16 1/2 IN LUGGAGE STYLE CASE WITH 4 FIVE FOOT CABLES AND CONNECTORS. SH. WT. 50 LBS. PRICE LIKE NEW \$22.50

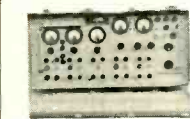


AN/PMQ-3A WIND MEASURING SET: GIVES VISUAL INDICATIONS OF WIND DIRECTION THROUGH 360 DEG. AND OF WIND SPEED FROM 0 TO 60 KNOTS. THIS IS A LIGHTWEIGHT HANDHELD UNIT. THE WIND TURBINE IN THE WIND SPEED TRANSMITTER DRIVES A A.C. GENERATOR WHICH GIVES A READING ON THE 2 1/2" VOLTMETER IN KNOTS. THE ANEMOMETER WIND VANE HAS A POINTER & INDEX WHICH INDICATES WIND DIRECTION IN A CIRCULAR DIAL AND IS EQUIPPED WITH A VANE LOCKING DEVICE SO THE READING MAY BE RETAINED FOR REFERENCE.
SIZE: 19 1/2x10x6 1/2; WT: NET 10 1/2 LBS
SHIPPED IN STEEL CARRING CASE 22x11 1/2x8, 20"
PRICE: USED \$45.00 MANUAL ONLY \$5.00
ML-447 WIND TAIL VANE ONLY.....\$5.00



TS-35/AP SIGNAL GENERATOR USED FOR THE TESTING AND GENERAL MAINTENANCE OF RADAR EQUIP. PRODUCES SIGNALS, CW OR PULSED INTERNALLY OR EXTERNALLY SYNCHRONIZED, OF KNOWN FREQUENCY AND POWER. USED TO MEASURE THE FREQUENCY AND AVERAGE POWER OF RADAR TRANSMITTER SIGNALS, AND TO PRODUCE FM SIGNAL FOR DETECTION OF DEFECTS IN RADAR EQUIP. WILL MEASURE SIGNAL TO NOISE RATIO, TRANSMIT RECEIVE RECOVERY TIME, FREQUENCY PULLING, AFC OPERATION AND BANDWIDTH. FREQUENCY RANGE: 8700-9500 MC; POWER SUPPLY 115V±10% 50-1200CYCLES
SIZE: 9x9x14, WT: 35 LBS.
PRICE: USED, \$39.95

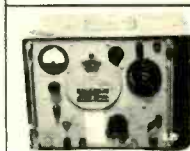
FR-72 TUNED CAVITY PORTABLE RINGING CAVITY USED FOR TESTING THE OVERALL PERFORMANCE OF RADAR EQUIPMENT SUCH AS POWER OUTPUT & FREQUENCY SPECTRUM. THE ECHO BOX CONTAINS A PRECISE-DIMENSIONED, SILVER-PLATED RESONANT CAVITY THAT OPERATES AS A SHARPLY TUNED CIRCUIT IN WHICH INDUCTANCE AND CAPACITANCE ARE TUNED TO RESONANCE AT THE FREQUENCY MEASURED. FREQ. RANGE 8500 TO 9000 MEGAHERTZ. A 3 1/2" RD. 0-30 MICROAMMETER IS USED TO INDICATE PART OF THE STORED ENERGY. POWER IS OBTAINED FROM THE UNIT UNDER TEST. SUPPLIED WITH 1N-23B CRYSTAL DIODE, UG-446/U ADAPTER AND 8 FOOT COAXIAL CABLE.
SIZE: 16x25x14 WT: 45 LBS. UNUSED \$19.95



PP-351/U POWER SUPPLY; PORTABLE POWER UNIT PROVIDING REGULATED DC POWER FOR TESTING COMMUNICATION EQUIP. AN/PRC-6, 8, 9 & 10; SCR-510 & 610; AND RECEIVER-TRANSMITTER BC-1000.
INPUT: 115/230V. 2.6/1.3 AMPS, 50/60 CYCLES
OUTPUT, A1: .9 TO 1.8 VDC @ 0 TO 1.5 AMPS
A2: .9 TO 1.8 VDC @ 0 TO 1 AMP AND 2.5 TO 8.6 VDC @ 0 TO 1 AMP.
B1 & B2: 22.5 TO 150 VDC @ 0 TO 100 MA.
C1: 0 TO 22.5 VDC @ 0 TO 1 MA.
INCLD. INPUT CABLE AND OUTPUT CABLES FOR PRC-6; PRC-8, 9, 10; SCR-510, 610; AND BC-1000
SIZE: 25x11 1/2x14 1/2; WT: 150 LBS. USED \$49.50



TS-62 ECHO BOX & CAVITY PORTABLE SELF-CONTAINED MANUALLY TUNED TEST SET USED FOR CHECKING RADAR EQUIPMENT IN THE 9320-9420 MHZ RANGE. IT WILL DETERMINE THE FREQ. OF CW, MCW OR PULSED SIGNALS, MEASURE THE RELATIVE OUTPUT ON 0-20 3/4" MICROAMMETER, DETECT DOUBLE MODING OF MAGNETRONS AND GIVES SIGNAL-TO-NOISE RATIO OF REC. ANTEENNA PICK-UP ASSY. WITH CABLE PROVIDED.
SIZE: 6 1/2x18 1/2x11 1/2; WT: 15 LBS. USED \$9.95



AN/URM-35 SIGNAL GENERATOR 4450 TO 8000 MHZ ON SINGLE BAND. GENERATES CW OR PULSE-MODULATED SIGNALS. PULSE WIDTH: 3.5 U-SEC @ 0.5 U-SEC @ 50% PEAK AMPLITUDE; RISE TIME 0.35 U-SEC. POWER OUTPUT: 0 TO -100 DBM CONTINUOUSLY VARIABLE. RF OUTPUT IMPEDANCE 50 OHMS; VIDEO OUTPUT TERMINATING IMPED. 50 OHMS RESISTIVE. POWER REQUIRED: 115 VAC, 380 TO 1000 HZ.
SIZE: 15 1/2x17 1/2x11 1/2; WT: 45 LBS.
PRICE: USED, REPARABLE \$49.50

WAVEMETER

FR-91/U WAVEMETER; PORTABLE UNIT USED TO MEASURE MICRO-WAVE SIGNALS BETWEEN 1800 AND 2800 MHZ, CW, AM, FM, PULSED OR NARROW-BAND. DESIGN ACCURACY 0.02%. POWER SENSITIVITY: 1 MW. TUNING SENSITIVITY BETTER THAN 0.03%. INTERNAL MICROMETER WITH ADJUSTABLE SENSITIVITY; MAY ALSO BE USED WITH SCOPE OR VTVM. WITH CALIBRATION CHART. POWER REQUIRED: NONE.
SIZE: 10x6 1/2x13 WT: 13 LBS. USED \$34.95



OSCILLOSCOPE



TS-34A/AP OSCILLOSCOPE, SMALL PORTABLE UNIT WITH 2A1P1 CRT. BANDWIDTH: 30 HZ TO 1 MHZ. RISE TIME: 0.25 TO 30,000 U-SEC.
SWEEP TIME ADJUSTABLE IN THREE RANGES FROM 10 TO 50,000 HZ. INPUT IMPEDANCE 62 OHMS OR 430,000 OHMS PARALLELED BY 12 MMF. INPUT VOLTAGE SENSITIVITY 10 TO 100 VOLTS AT 40 DB. EXTERNAL CONNECTION POSSIBLE TO ONE VERTICAL AND BOTH HORIZONTAL PLATES. WITH TUBES 4/6AK5, 2/6AG7, 2/6SL7, 6SN7, 5Y3, 6X5 AND 2A1P1. POWER REQUIRED: 115 VAC 50 TO 1200 HZ. SIZE: 20 1/2x9x8 SHPG. WT: 40 LB
PRICE: USED, REPARABLE \$39.95 CHECKED \$49.95

1-61 TEST SET FOR TRANSMISSION MEASURING

PORTABLE BATTERY OPERATED UNIT USED TO MEASURE LOSSES OR GAINS IN CIRCUITS OR APPARATUS. AUDIO OSCILLATOR FREQUENCIES OF 500, 1000 AND 2500 CYCLES WITH LEVELS OF -40DBM, -20 DBM OR 0 DBM INTO A 600 OHM LOAD, THE RECEIVING AMPLIFIER IS CALIBRATED TO MEASURE LEVELS FROM A 600 OHM SOURCE BETWEEN -50 DBM & 15 DBM IN STEPS OF 0.5 DBM OVER THE FREQUENCY RANGE OF 100 TO 10,000 CYCLES 0 DBM IS ONE MILLIWATT IN 600 OHMS.
JNIT ALSO CONTAINS A EE-8B FIELD TELEPHONE, BATTERY OPERATED ASSY. WITH A TS-9 HANDSET. AND BE PURCHASED WITHOUT THIS ASSEMBLY. COMES IN WOOD CARRING CASE 18 1/2x10x11, WT: 47 LB
PRICE, COMPLETE WITH TELEPHONE ASSY & TS-9 USED \$29.95 RE-NEW \$39.50
LESS TEL. ASSY " 19.95 " " 29.50



A.F.C. UNIT



AUTOMATIC FREQ. CONTROL UNIT No. 600671; USED WITH FIRE CONTROL SYSTEM, WITH 16 TUBES 2/5829, 1/5703, 2/5702, 1/5784; DPDT SIGMA RELAY THAT WILL OPERATE FROM 14VDC @ 2.8 MA, SLUG TUNED COILS, RESISTORS, COND., ETC. (SO-RRY, FREQ. NOT DETERMINED, NO SCHEMATIC.) SIZE: 4x8x6 WT: 5 LBS. USED \$2.95

MD-34/ARA-8 MODULATOR KEYING UNIT

AUTOMATIC HOMING KEYING ASSY. THAT OPERATES FROM 24 VDC MOTOR THAT IS CONNECTED TO A WORM GEAR WHICH ACTUATES THE CODED WHEEL THAT INTERRUPTS THE SIGNAL AND TRANSFERS FROM ONE ANTENNA TO ANOTHER. ALSO HAS RELAY AND THREE SO-239 TYPE COAX. CONN. CAN BE USED AS A REMOTE ANTENNA CHANGE-OVER. SIZE: 3 1/2x10x4 1/2; WT: 5 LBS.
PRICE: USED..... \$1.95



TS-238/TS-207 ECHO BOX WITH 3" RD. 0-200 MICROAMMETER AND CRYSTAL ADAPTER FOR RF ENERGY. ECHO BOX IS A RESONANT-CAVITY DEVICE DESIGNED TO SIMPLIFY THE TUNING AND CHECKING OF RADAR BY PROVIDING AN ARTIFICIAL OR "PHANTOM" TARGET WHICH MAY BE USED IN TUNING THE RECEIVER TO THE TRANSMITTER IF NO REAL TARGETS ARE AVAILABLE. PROVIDES A CLEAR, STEADY ECHO OF KNOWN CHARACTERISTICS WHEN SUCH AN ECHO IS NOT OBTAINABLE FROM NEARBY GROUND TARGETS. REQUIRES UG-21 COAX. CONN. 11x15x7 1/2 15 LBS. \$15.00 UG-21 COAXIAL CONNECTOR FOR ABOVE UNIT 75¢.



1-129 FREQUENCY METER ABSORPTION TYPE; DESIGNED TO MEASURE RADIO FREQUENCY FROM 1.5 TO 41 MC. CONSISTS OF FOUR FREQUENCY INDICATING ASSEMBLIES, THAT CONSISTS OF A COIL VAR. CAPACITOR AND DIAL, AND IS USED TO INDICATE THE FUNDAMENTAL FREQ. OF AN R.F. SOURCE. IT MAY ALSO BE USED TO DETERMINE THE ORDER OF A HARMONIC CRYSTAL OSCILLATOR, FREQ. DOUBLER OR QUADRUPLER. THE RANGES ARE 1.5-4 MC, 4-11 MC, 10-20 MC & 19-40 MC. NO VOLTAGE IS REQUIRED FOR OPERATION. CARRING CASE SIZE: 12 1/2x5 1/2x3; WT: 8 LBS. U \$25.00

AN/FGC-5 TELEGRAPH



CV-94/FGC-5 TELEGRAPH CODE CONVERTER, RECEIVING GROUP ACCEPTS THE SIGNAL CODE COMBINATION, MOMENTARILY STORES AND GENERATES THE PROPER SIGNAL TO BE SENT ON TO THE START-STOP CIRCUIT, INCLUDES 6 INPUT SIGNAL LAMPS, MONITOR SELECTOR, OUTPUT JACKS FOR MONITOR SCOPE TRIGGER AND PRINTER, 3 1/2" METER 100-0-100 MA DC W/TUBES 9/12AU7, 3/12AT7 & 13/5663 & MERCURY RELAY. RACK MTG. 19x7x13; WT: 22 LBS. USED \$14.95



0-100/FGC-5 SIGNAL DISTRIBUTION DRIVE RECEIVING SUPPLIES DRIVING IMPULSES TO SIGNAL DISTRIBUTOR RECEIVING SECTION WHICH ARE CRYSTAL CONTROLLED FREQ. OF APPROX. 101.25 KC. W/ START-STOP INTERVAL, FOUR CHANNEL SELECTOR & 3 1/2" CORRECTION METER 5-0-5 0-1 MA MOVEMENT W/TUBES 12/12SN7 & 2/6SJ7 USED \$14.95



C-621/FGC-5 CONTROL MONITOR RECEIVING GROUP DECOUPLES AND AMPLIFIES SIGNAL WITH PROVISION FOR MONITORING W/SPEAKER & 3 1/2" METERS 0-100 MA DC. & 0-1 MA MOVEMENT & SCALE 0-200 FOR READING MULTIPLEX DRIVE AND WPM. W/TUBES 8/6SN7, 1/6SL7, 2/6V6 & 1/2B23. REQUIRES 225 VDC AND 6.3 VAC. USED \$17.95



TT-64/FGC-5 RECEIVING SIGNAL DISTRIBUTOR ACCEPTS THE AMPLIFIED MULTIPLEX SIGNAL FROM THE CONTROL MONITOR, DETECTS THE PATTERN, INVERTS TO NORMAL AND SENDS PROPER CODE COMBINATIONS TO CONVERTERS. W/TUBES 12/12AU7, 4/12AT7, 10/5663, 2 PUSH SWITCHES FOR IMPULSE & CHANNEL PHASING & MONITOR SELECTOR. RACK MTG. 19x7x13; 22LBS, USED \$12.95



CV-81/FGC-5 TELEGRAPH CODE CONVERTER TRANS. CIRCUITS FOR ACCEPTING & DETECTING START-STOP SIGNALS FROM 1 CIRCUIT STORING THE FIVE ELEMENT CODE COMBINATIONS AND TRANSFERRING THE STORED SIGNALS TO POSITIONS ARE USED BY THE TRANS. SIG. DIST. IN THE MULTI. CIR. WESTON 301 DC MA, 100-0-100, 30 TUBES, 19/5663, 5/12AT7, 5/12AU7 & 1/3B23. VOLTAGE REQ. 6.3 VAC. 115 & 225 VDC. SIZE: 19x7x13; WT: 23 LBS. USED \$14.95



0-101/FGC-5 SIGNAL DISTRIBUTOR DRIVE TRANSMITTER GROUP SUPPLIES TIMED DRIVING IMPULSES TO THE TRANSMITTER DISTRIBUTOR, CRYSTAL OSCILLATOR 101.25 KC IN OVEN, AMPLIFIER CIRCUIT USES TUBES 6/6SN7, 1/6SJ7; 7 POSITION SWITCH FOR FREQ. & FAC. SEL. VOLT. REQ. 6.3 AC. 115 & 225 VDC. 19x7x13; 15 LBS. USED \$9.95



C-620/FGC-5 CONTROL MONITORING TRANS. GROUP AMPLIFIES SIGNALS FROM TRANS. SIG. DIST., COUPLES OUTPUT TO MULTIPLEX TRANS. CIR. NECESSARY CONTROL SWITCHES & LIGHTS TO DO THIS. ALSO WESTON METERS 301, 3 1/2" 0-100 MA DC. AND MULTIPLEX DRIVE FREQ. METER CALB. CYC. PER SEC. 60 & 75 WPM. 0-1 MA DC. BASIC. FS. W/TUBES 5/6SN7, 2/6V6, VOLTAGE REQ. 6.3 VAC. 115 VDC & 225 VDC. W/SCHEMATIC. 19x7x13; WT: 23 LBS. USED \$17.95



TT-58/FGC-5 TRANSMITTER SIGNAL DISTRIBUTOR CONTAINS CIRCUITS WHICH FORM THE MULTIPLEX TELEGRAPH SIGNAL, THE PATTERN BEING DETERMINED BY THE CODE SIGNALS SET UP IN THE PARTICULAR TEL. CODE CONVERTERS IN USE. IT CONTAINS A CRYSTAL OSCILLATOR, SUBDIVIDED, AMP. CIR., IND. LAMP AND SW. TO CONNECT CONTROL MONITOR FOR OSCILLOSCOPE VIEWING. WITH TUBES 19/12AT7 & 10/5663. VOLTAGES REQ. 6.3 VAC., 115 & 225 VDC. 19x7x13; WT: 15 LBS. USED \$14.95

CONNECTOR PLUGS FOR THE ABOVE \$1.50 EA.

DUMONT 304 SCOPES



DUMONT 304 OSCILLOSCOPE, A GENERAL PURPOSE SCOPE, THAT ENABLES RAPID, ACCURATE AMPLITUDE MEASUREMENT OF ANY PORTION OF A 0 TO 1000 VOLT SIGNAL FROM DC TO 100 KHZ, USEFUL TO ABOVE 300 KHZ. FEATURES LARGE 5ADP TYPE CATHODE RAY TUBE AND 100 MILLIVOLT FULL SCALE VERTICAL SENSITIVITY. SWEEP FREQUENCY RANGE FROM 2 TO 30,000 HZ. EXTRA-LOW FREQUENCIES POSSIBLE BY ATTACHING EXTERNAL CAPACITANCE TO TERMINALS. MAXIMUM SWEEP SPEED WITH SWEEP EXPANSION IS ONE INCH PER MICROSECOND. INPUT IMPEDANCE: 2 MEGOHMS PARALLELED BY 50 UUF. POWER REQUIRED: 115/230 VAC 50-400 HZ. 9x13 1/2x19 WT: 65 LBS.

DUMONT 304H WITH 5CPI CRT REPARABLE \$50.00
USED CHECKED \$65.00

OSCILLOSCOPE

AN/USM-50 OSCILLOSCOPE WITH 3ADP1 CATHODE RAY TUBE AND 15 MHZ BANDWIDTH, RISE TIME FROM 0.022 U-SEC TO 30,000 U-SEC. SWEEP TIME CONTINUOUSLY ADJUSTABLE FROM 0.17 TO 37,500 U-SEC WITH SWEEP DELAY THAT ALLOWS 10% OF SWEEP LENGTH TO BE EXPANDED 10 TIMES FOR SWEEPS GREATER THAN 5 U-SEC. TRIGGER PULSE FROM 10 TO 10,000 HZ WITH 0.15 U-SEC RISE TIME. TIMING MARKERS SYNCHED AT 0.2, 1, 5, 20, 100 500 AND 2000 U-SEC.



VERTICAL INPUT IMPEDANCE: 1 MEGOHM SHUNTED BY 40 UUF FOR ALL ATTENUATOR POSITIONS
HORIZONTAL IMPED: 1 MEGOHM SHUNTED BY 30 UUF
INPUT VOLTAGE: 0.03 TO 90 VOLTS PEAK
INPUT SENSITIVITY: 10 MV/CM-RMS
CALIBRATION: 1 KHZ ADJUSTABLE 20 TO 200 MV.
EXTERNAL CONNECTIONS POSSIBLE TO BOTH THE VERTICAL PLATE AND THE HORIZONTAL AMPLIFIER.
POWER REQUIRED: 115 VAC 50 TO 1000 HZ
SIZE: 15 1/2x19 1/2x16 1/2 WT: 80 LBS. LESS PROBES
PRICE: USED, REPARABLE \$75.00
USED, CHECKED \$100.00

SCOPE ACCESSORY



TS-433/U SQUARE WAVE GENERATOR-SIGNAL AMPLIFIER AND ELECTRONIC SWITCH ALLOWS SIMULTANEOUS VIEWING OF TWO RECURRENT PATTERNS ON AN OSCILLOSCOPE, BY PROVIDING TWO INDEPENDENT TIME BASES. MAKES DIRECT

COMPARISON OF WAVE CHARACTERISTICS POSSIBLE. SQUARE WAVE VOLTAGE WITH VARIABLE FREQ. AND AMPLITUDE AVAILABLE AT THE OUTPUT TERMINALS. ALSO DIRECT COUPLED AMPLIFIERS DESIGNED FOR CHOPPING A DC SIGNAL. SWITCHING RATE CONTINUOUSLY VARIABLE FROM 10 TO 2000 HZ; SQUARE WAVE GENERATOR FROM 10 TO 500 HZ. AMPLIFIER VARIABLE TO 30 VOLTS PEAK. FREQUENCY RESPONSE UNIFORM FROM 0 TO 5000 HZ. INPUT IMPEDANCE: 100K OHMS, OUTPUT 50K OHMS. POWER REQUIRED: 115/230 VAC 50/60 HZ. SIZE: 15 1/2x13 1/2x18 WT: 20 LBS. USED, \$24.95



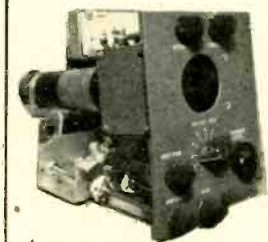
1-152(*) INDICATOR; USED WITH BC-788 ALTIMETER FOR INDICATING HEIGHT OVER TERRAIN IN AIRCRAFT WITH 3DP1 CATHODE RAY TUBE (SAME SOCKET/SHIELD AS 3BP1 TUBE AND OTHER TYPES) ALSO TUBES 3/6AG5 AND 2X2. HAS R.F. CIRCUIT, POTENTIOMETERS, 115 V. 400 CYCLE POWER SUPPLY ETC. (WILL MAKE GOOD FOUNDATION FOR A MONITOR) SIZE: 6 1/2x6 1/2x12; WT: 9 LBS. PRICE: USED \$8.95 SCHEMATIC \$1.00

OSCILLOSCOPE

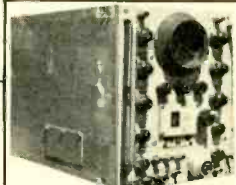


USM-24 OSCILLOSCOPE WITH 3UP1 C.R. TUBE. SINE WAVE RESPONSE, FLAT WITHIN -3DB FROM 2 CYC TO 8 MC. TRANSIENTS RESPONSE .04 MIC ROSEC. RISE, POLARITY POSITIVE UPWARD AND NEGATIVE DOWNWARD DEFLECTION, RECURRENT SWEEP 80CYC PER. SEC. TO 600 KC., TRIGGERED SWEEP 1.25 TO 125 MICRSEC., VERT. DEF. SENSITIVITY .035, HORIZ. DEFLEC. 4.0V, HORIZ. RESPONSE .5 CYC PER SEC. TO 700 KC. VERT. RESPONSE 4 CYC PS. TO 10MC. BEAM MOD. RESPONSE 50 CYC PS. TO 10 MC. HORIZ. INPUT IMP. 300,000 OHMS, BEAM MOD. INPUT RESISTANCE. 56,000 OHMS SIGNAL AMPLIFICATION IS UNIFORM OVER A WIDE FREQ. RANGE. A CALIBRATING GENERATOR FOR ACCURATE MEASURE. OF INSTANT. VALUES OF SIGNAL, WITH CHOICE OF 5 TIME MARKERS. ALL OPERATING CONTROLS AND CONN. ARE ON THE FRONT PANEL. INPUT AND OUTPUT CONNECTIONS USE RCN CONNECTORS. POWER REQUIRED 115 VOLT 50 TO 1600 CYC. SIZE: 15x17 1/2x16; WT: 55 LBS. SHPG. WT: 65 LBS. SOLD AS "COMPLETE, NOT CHECKED WITHOUT GUARANTEE TO THE LIFE OF THE POWER TRANSFORMER. PROBES AND OTHER ACCESSORIES EXTRA."

PRICE: OS-26/USM-24 "AS-IS" \$39.50
OS-51/USM-24C "AS-IS" \$49.50
PROBES: CG-883, 10:1 ATTENUATOR \$5.00 EA
CG-944 OR CG-1277C CATHODE FOLLOWER \$5.00 EA
ADAPTERS UG-924, -255, -274, -273 \$1.00 EA



WECO GS-56928 SCOPE: USED FOR MONITORING AND TESTING CIRCUITS WITH 2BP1 CATHODE RAY TUBE ALSO 2/5814 1/6AG7 AND 1/5670. CARRIER LEVEL METER 1 1/2" 0-3 DCMA, BCN COAX. CONNECTORS AND NECESSARY CONTROLS FOR SCOPE. ALSO MT1 CIRCUIT TEST SWITCH 11 POS. 5 DECK. (SORRY NO COVER OR SCHEMATIC) FACE SIZE 6x8 1/2 LENGTH 13; WT: 10 LBS. PRICE: UNUSED \$14.95

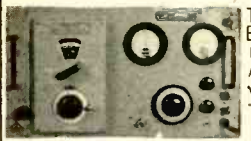


OS-4/USM-25 OSCILLOSCOPE GENERAL PURPOSE UNIT DESIGNED TO PORTRAY A LUMINOUS PLOT OF VOLTAGE AGAINST A TIME BASE. SERVES AS A AUX. RANGING UNIT, PRECISION TEST OSCILLOSCOPE AND CALIBRATOR CAN BE USED WITH RADAR SYSTEMS TO INCREASE THE ACC. IV RANGING, EXTEND THE RANGE SCALE AND PROVIDE ACC. CRYSTAL CONTROL MARKERS ALSO EXPANDED, DELAYED OR UNDELAYED SWEEPS. VIDEO AMP. SENS. MIN. .5 V PK-PK W/CRY. PROBE 5.0 V. DIR. TO VERT. DEF. 43 TO 52 VOLTS. FREQ. RESPONSE AMPL. 1 DB 50 CPS AND 5 MCPS PULSE RESPONSE RISE TIME LESS THAN .1 MICRSEC. DELAY TIME, LESS THAN .2 MICRSEC., INPUT IMPEDANCE AMPL. 1 MEGOHM, SYNCHRONIZING CRYSTAL CONTROL MARKERS 10 MICRSEC. AND 50 MICRO SEC. INTERNAL IMP. 56 OHMS., SIGNAL DELAY TIME .60 SEC. WITH TUBES 3UP1 CR AND 22 OTHER TUBES. POWER REQ. 115 V. 50 TO 1000 CYCLES. SIZE: 11 1/2x17 1/2x9; WT: 40 LBS. PRICE: USED REPARABLE \$39.50 CHECKED \$55.00

OSCILLOSCOPE



TCMS-6EB-R.2B OSCILLOSCOPE USED WITH TELETYPE SYSTEM AS A RECEIVE UNIT, HAS A 3RP1 CATHODE RAY TUBE WITH CONTROLS FOR FOCUS, INTENSITY, AMPLITUDE, MODULATION RATE (RANGE AND VERNIER), AND UNIT CODE. ALSO SIGNAL, DISPLAY, AND TWO BALANCE CONTROLS. WITH SPIRAL-CIRCULAR TIME BASE SWITCH AND INPUT SWITCH. INDICATOR LIGHTS FOR SPEED AND POWER. NEEDS EXTERNAL POWER SUPPLY; VOLTAGES NOT KNOWN. WITH TUBES 3RP1, 9/12AU7, 3/12AX7, 2/12AT7. SIZE: 5 1/2x10 1/2x15 WT: 15 LBS. PRICE: USED LESS BEZEL \$18.95



TS-497B/URR SIGNAL GENERATOR, 2 to 400 KHz. IN SIX BANDS. DESIGN ACCURACY $\pm 1\%$. OUTPUT VOLTAGE CONTINUOUSLY TUNEABLE FROM 0.1 TO 100,000 MICROVOLTS.

GENERATES EITHER AM OR PULSED CARRIER. INTERNAL MODULATION 400 OR 1000 HZ; EXTERNAL MODULATION 50 TO 10,000 HZ. PERCENT MODULATION VARIABLE FROM 0 TO 30 PERCENT. OUTPUT IMPEDANCE 50 OHMS. POWER REQUIRED: 115 VAC 50/60 HZ.

SIZE: $9\frac{1}{2} \times 19\frac{1}{2} \times 10\frac{1}{2}$ SHPG. WT: 65 LBS.

PRICE: USED, REPARABLE \$195. CHECKED \$225.00

GENERAL RADIO MODEL 1800-A VACUUM-TUBE VOLTMETER

A PORTABLE AND ACCURATE VTVM CAPABLE OF MEASURING ALTERNATING VOLTAGE AT FREQUENCIES UP TO SEVERAL HUNDRED MEGAHERTZ, AS WELL AS DC VOLTAGES OF EITHER POLARITY. DESIGN ACCURACY OF $\pm 2\%$. INCLUDED WITH THE UNIT IS A HIGH FREQUENCY PROBE SHIELDED AGAINST STRONG RF FIELDS.

VOLTAGE RANGES: 0.1 TO 150 VAC IN SIX SCALES: 0.5, 1.5, 5, 15, 50 AND 150. AND 0.01 TO 150 VDC IN SIX SCALES: 0.5, 1.5, 5, 15, 50 AND 150.

INPUT IMPEDANCE: AC CIRCUIT 25 MEGOHMS SHUNTED BY 4.3 UUF. CAPACITANCE; EQUIVALENT PARALLEL CAP. AT RF IS 3.1 UUF. WITH A RESONANT FREQUENCY OF 1050 MHZ. DC IMPEDANCE IS 10 MEGOHMS AND OPEN GRID. WITH TUBES 2/9003, 2/991, 6C4, 6X5, 6AT6, 6SL7, 6SU7 AND 3-4. LESS POWER CABLE (USES STANDARD AC PLUG). POWER REQUIRED: 115/230 VAC 50/60 HZ. WALNUT CASE. $7\frac{1}{2} \times 7 \times 11\frac{1}{2}$ 16 LB
PRICE: USED REPARABLE \$30.00 CHECKED \$40.00



TV-7/U TUBE TESTER \$10.



TV-7/U TUBE TESTER FOR PARTS ONLY. DAMAGED BY WATER BUT WILL HAVE GOOD TRANSFORMER, METER AND MANY OTHER PARTS. LESS TUBE & LAMPS, ADAPT WT: 20 LBS. "AS-IS" \$10

TS-352 MULTIMETER, PORTABLE GENERAL PURPOSE VOLT-OHM-METER. SENSITIVITY 1000 OHMS/VOLT AC-DC OR 20,000 OHMS/VOLT DC ONLY. AC-DC VOLT SCALES: 2.5/10/50/250/500/1000 VOLTS. DC AMP SCALE: 250 UA/2.5 MA/10 MA/50 MA/100 MA/500 MA/2.5-10 AMPS.

RESISTANCE SCALE: RX1/X10/X100/X1000/X10,000 OHMS WITH FOUR INCH METER FS=50 U-AMPS. JACK FOR 5000 VDC @ 20K OHMS/VOLT. WITH TEST LEADS. USES THREE $4\frac{1}{2}$ VOLT AND ONE $\frac{1}{2}$ VOLT BATTERIES. SIZE: $15\frac{1}{2} \times 11 \times 10$ WT: 23 LBS. PRICE: USED, REPARABLE \$29.95, CHECKED \$39.95



AG3 AUDIO GENERATOR, MFG. IN CANADA BY MEASUREMENT ENGINEERING. 35 HZ TO 35 KHZ IN THREE RANGES. FREQUENCY RESPONSE FLAT WITHIN ± 1 DB FROM 35 HZ TO 15 KHZ. POWER OUTPUT 1 WATT INTO 500 OHMS; OVER 25 VOLTS ON OPEN CIRCUIT. WITH TUBES 6SJ7, 6SF5, 6K6, 6V6 AND 5U4. POWER REQUIRED: 115 VAC 60 HZ. SIZE: $18 \times 14 \times 8$ SHPG. WT: 60 LBS. PRICE: USED, COMPLETE, NOT CHECKED \$40.00



GENERAL RADIO TYPE 874 VI VOLTMETER INDICATOR; MEASURES RECTIFIED DC OUTPUT OF CRYSTAL DIODES, RF DIODES, AND CALIBRATES THE CRYSTAL AT THE APPLIED LEVEL VOLTAGE. FREQUENCY RANGE 60 HZ TO 7.0 GHZ. CALIBRATING VOLTAGE ACCURACY: 0.1 TO 2.0 V. CRYSTAL CURRENT 0-200 U-AMPS. INCLUDES $2\frac{1}{2}$ " 0-200 MICROAMMETER, DIRECTLY CALIBRATED DIAL, AND SCHEMATIC. POWER REQUIRED 115/230V. 50-60 HZ. AC. SIZE: $5\frac{1}{2} \times 5\frac{1}{2} \times 3\frac{1}{2}$ WT: 6 LBS. PRICE: UNUSED \$24.95



GRAB BOX ASSORTMENT OF NEW & USED USEABLE ELECTRONIC ITEMS CONSISTS OF PARTS AND ASSEMBLIES SUCH AS RESISTORS, CONDENSERS, MOTORS, TRANSFORMERS, CHOKES, COILS, CONTROL BOXES CIRCUIT BOARDS, CHASSIS AND MANY OTHER ITEMS TOO NUMEROUS TO MENTION.

PACKED IN A CARTON AND THE WEIGHT WILL BE AT LEAST 50 LBS. (A GOOD FILLER WHEN YOU ARE BUYING OTHER MATERIAL AND YOU DO NOT HAVE ENOUGH WEIGHT TO MAKE THE MINIMUM MOTOR FREIGHT CHARGE.) # GB-71 50 LB BOX \$5.00 --100 LBS. \$9.00

FSK CONVERTER

CV-278 FREQUENCY SHIFT CONVERTER

USED TO CONVERT FREQUENCY SHIFT SIGNALS TO NEUTRAL OR POLAR MARKING OR DC IMPULSES. THE FREQ. SHIFT-KEYED (FSK) SIGNALS ARE RECEIVED FROM THE I.F. OF THE RECEIVER WITH A RANGE OF 450 TO 500 KC AND ARE CONVERTED TO DC IMPULSES AND USED FOR OPERATION OF TELETYPEWRITER OR REPERFORATOR MACHINES. CRYSTAL CONTROL, BAND WIDTH 1500 CPS. WITH TUBES 2/26A6, 1/26A7, DIODES 1/IN63, 2/IN69. VOLTAGE REQ. 28 VDC @ 2.0 AMPS. SIG. INPUT METER 0-100 & DISC. 50-0-50 1-3/4" MICROAMP. SIZE: $9\frac{1}{2} \times 13\frac{1}{2} \times 7\frac{1}{2}$; WT: 23 LBS. USED \$24.50 - CONNECTOR PLUGS FOR INPUT OR OUTPUT \$2.00



MO-203/GR MODULATOR FOR TRANS MITTER.

PROVIDES FOR CONVERSION OF CW SIGNALS INTO FREQ. SHIFTED RADIOTELETYPE SIGNALS BY INTRODUCING SELECTABLE AMTS. OF FREQ. SHIFT INTO THE EXCITER CIRCUIT OF THE TRANS. SHIFT MAG NITUDE 850, 425, 212 OR 106 CYCLE SEL. MANUALLY FROM FRONT PANEL. DESIGNED FOR USE WITH T-195/GRC 19 TRANS. CAN BE USED WITH ANY TRANSMITT. HAVING AN EXCITER OUTPUT WITH A FUNDAMENTAL FREQ. RANGE OF 1.5 TO 3 MC. AND A MINIMUM OUTPUT OF 1 VOLT. POWER REQ. 27.5 VDC @ 1.8 AMPS WITH TUBES 1/26A7, 5/26A6 AND 1/26D6 SIZE: $9\frac{1}{2} \times 7\frac{1}{2} \times 13\frac{1}{2}$; WT: 25 LBS. PRICE: USED \$19.95



BE-77-B LINE UNIT DESIGNED FOR USE WITH TELETYPE EQUIPMENT OF DC NEUTRAL LINE SIGNAL TYPE.

MEASURES AND ADJUSTS LINE CURRENT, ADJUSTS BIAS OF RECEIVED SIGNALS AND MEASURES THE VOLTAGE OF THE DC POWER SOURCE AND THE BIAS IN THE LINE SIGNALS. WITH $3\frac{1}{2}$ " RD. 100-0-100 SCALE MILLIAMMETER FS-1-0-1 MA. ALSO POLAR RELAY. POWER REQUIRED: 115 VAC 60 CYCLE SIZE: $6 \times 8\frac{1}{2} \times 6\frac{1}{2}$ SHPG. WT: 20 LBS. PRICE: USED, \$9.95. LESS POLAR RELAY \$7.95



TS-375/U VOLTMETER FOR AC OR DC VOLTAGES. AC RANGES ARE 1.2, 3, 12, 30 AND 120 VAC WITH FIVE MEGOHM RESISTANCE SHUNTED BY FIVE MMF. DC RANGES ARE 1.2, 3, 12, 30, 120 AND 300 VDC WITH CONSTANT INPUT RESISTANCE OF 30 MEGOHMS. FREQUENCY RANGE IS FROM 40 HZ TO 50 KHZ USING THE PANEL TERMINALS AND 10 KHZ TO 150 MHZ WITH THE PROBE. WITH AC AND DC PROBES. POWER REQUIRED: 115 VAC 50-1600 HZ. SIZE: $10\frac{1}{2} \times 10\frac{1}{2} \times 6\frac{1}{2}$ WT: 21 LBS. PRICE: USED, REPARABLE \$25.00 CHECKED \$35.00

C-973/FRR-33 REMOTE SWITCHING CONTROL FOR REMOTE OPERATION OF AN/FRR-33 RADIO RECEIVING SET.

UNIT INCLUDES A-F OSCILLATOR, A-F AMP, RELAY CONTROL SECTIONS, EACH WITH A 6AK6 TUBE. 115V. 60 CYCLE VOLTAGE REGULATED POWER SUPPLY HAS AN OUTPUT OF 5V @ 2 AMP, TWO (2) 275 VAC @ 80 MA, 25.2V. @ .6 AMP, AND 6.3V @ 1.5 AMP. WITH TUBES 5Y3, 6AU6, 5651, 6082. ALSO UNIT INCLUDES DIAL FOR CHANNEL SELECTION POWER AND TUNING-IN-PROGRESS INDICATOR LIGHTS OFF-STANDBY-ON SWITCH, OUTPUT LEVEL AND TONE CONTROLS AND 600 OHM TELEPHONE CONNECTION. SIZE: $8\frac{1}{2} \times 10 \times 13$ WT: 25 LBS. PRICE: EXCELLENT SERVICEABLE \$18.95

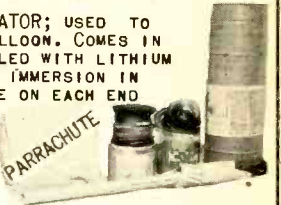


M-278 BALLOON; USED TO RAISE THE ANTENNA OF THE CRT-3 RESCUE TRANSMITTER WHEN LACK OF WIND DOES NOT PERMIT THE USE OF THE M-357 KITE. THE BALLOON IS MADE OF NEOPRENE AND IS SUPPLIED IN A CAN WITH A KEY FOR OPENING. WHEN INFLATED BY MEANS OF THE HYDROGEN GENERATOR AND INFLATING TUBE, DESCRIBED BELOW, THE DIAMETER WILL BE OVER 4 FEET. HAS 2 CORD LOOPS FOR ATTACHING ANTENNA AND RUBBER CORK STOPPER. SHPG. WT: 2 LBS. PRICE: \$4.95



M-278 BALLOON WITH M-315 HYDROGEN GENERATOR AND INFLATING TUBE.....\$10.00

M-315 HYDROGEN GENERATOR; USED TO INFLATE THE M-278 BALLOON. COMES IN A STEEL CYLINDER FILLED WITH LITHIUM HYDRIDE; OPERATED BY IMMERSION IN WATER; KEY AND TONGUE ON EACH END FOR OPENING CYLINDER. REQUIRES INFLATING TUBE FOR USE WITH BALLOON. SHPG. WT: 8 LBS.



M-315 HYDROGEN GENERATOR ONLY..... \$6.95
M-315 INFLATING TUBE 1.50

W-147/CRT-3 ANTENNA WIRE; CADMIUM-COPPER ALLOY 16 STRANDS X .040 MAX. DIA. 65 LB. TEST 306 FT. LG. WOUND ON SPOOL $2\frac{1}{2} \times 2\frac{1}{2}$. SHPG: WT: 1 LB \$2.95

M-308 SIGNAL LAMP LIGHT ASSEMBLY; 24 VOLT LAMP IN BAKELITE BASE WITH CLEAR POLYSTYRENE SHIELD WITH WEB STRAPS FOR STRAPPING TO HEAD. SIZE $3 \times 2\frac{1}{2} \times 9/16$ " CORD FOR PLUGGING INTO TRANS. 4 oz. \$1.50

M-390 PARACHUTE; YELLOW NYLON 12 FT. DIAMETER, 40 LB. CAPACITY, 16 NYLON SHROUDS 11 FT. LG. USED TO DROP RESCUE TRANSMITTER AND ACCESSORIES. UNUSED, NOT IN DROP PACK. SHPG. WT: 2 \$9.95

T-74/CRT-3 TRANSMITTER WITH ACCESSORIES \$75

RADIO CONTROL SET

AN/GSA-7 RADIO SET CONTROL

USED AS AN ELECTRONIC SWITCHING DEVICE IN INTEGRATED WIRE-RADIO SYSTEMS. IT ALSO INTERCONNECTS RADIO RECEIVERS AND TRANSMITTERS WITH LOCAL BATTERY TELEPHONE EQUIPMENT ON A PUSH-TALK BASIS. MAXIMUM WIRE DISTANCE IS TEN MILES; MAXIMUM RADIO DISTANCE DEPENDS ON THE RADIO SETS USED. RINGING FREQUENCIES FOR WIRE IS 15 TO 25 HZ CONVERTED TO 1600 HZ FOR RADIO; 1600 HZ (RADIO) CONVERTED TO 20 HZ (WIRE). TELEPHONE LINE INPUT IMPEDANCE: 600 OHMS BALANCED. RADIO RECEIVER INPUT IMPED: 600 OHMS UNBALANCED; RADIO TRANSMITTER OUTPUT IMPED: 150 OHMS UNBALANCED. WITH TUBES 6C4, 6AS6, 5696, 5814A, 5651 AND OB2. POWER REQUIRED: 24 VDC OR 115/230 VAC 50-400 HZ. SIZE: $9 \times 7\frac{1}{2} \times 13$ WT: 30 LBS. USED \$29.95 POWER PLUG \$2.50 IIG-77 CONN. (USES 2) \$1.00



RADIOSONDE

AN/AMT-2 RADIOSONDE, 403 MC FM. A SINGLE PACKAGE INSTRUMENT WHICH CARRIED BY A FREE BALLOON, IS USED TO TRANSMIT METEOROLOGICAL INFORMATION TO A GROUND STATION. THE FREQUENCY MODULATION IS CONTROLLED BY A SENSOR MECHANISM CONTAINING ELEMENTS CONTROLLED BY PRESSURE, TEMPERATURE AND HUMIDITY TOGETHER WITH A COMMUTATOR ARRANGEMENT WHICH SETS UP A SEQUENCE OF SIGNALS. USES 2 TUBES AND REQUIRES 1.5, 6 & 115 VDC FOR OPERATION. W/TUBES, LESS BATT. SIZE: $4\frac{1}{2} \times 6 \times 6\frac{1}{2}$ WT: $\frac{1}{2}$ LB. PRICE: \$5.00



T-69F/AMT-2 RADIOSONDE TRANSMITTER ONLY.

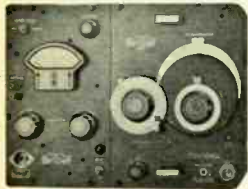
F-2 EMISSION (FM) 390 TO 410 MC RANGE WITH TUBES 5703 AND 5910. REQUIRES BB-208 DRY CELL BATTERIES (SOLD SEPARATE). SIZE: $6\frac{1}{2} \times 5 \times 2\frac{1}{2}$ WT: 2 LBS. \$1.50 BB-208 DRY CELL BATTERY SET WT: 1 LB. \$.59



MICROWAVE GENERATOR

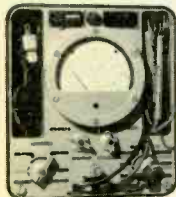


TS-147/UP MICROWAVE SIGNAL GENERATOR
 PORTABLE UNIT DESIGNED TO TEST AND ADJUST RADAR, BEACON AND MICROWAVE COMMUNICATION SYSTEMS OPERATING IN THE FREQUENCY RANGE OF 8500 TO 9600 MC. PROVIDES EITHER FM OR CW TEST SIGNALS OF KNOWN POWER LEVEL AND FREQUENCY. THIS UNIT CONTAINS A DIRECT READING FREQUENCY METER AND POWER LEVEL METER WITH POWER REFERENCED TO ONE MILLIWATT (DBM). USED TO MEASURE FREQ. AND POWER LEVEL OF THE INPUT AND OUTPUT SIGNALS. SPECTRUM WIDTH, FREQ. CHANGE, RECOVERY TIME AND STANDING WAVE RATIO. CAN ALSO BE MODULATED EXTERNALLY. OPERATES FROM 115 VOLT 50-1600 CYCLES. LESS CABLES, PLUGS, ADAPTER, PICK-UP HORN. SIZE: 11x18x12; WT: 35 LBS.
 TS-147A/UP.....\$49.50 USED
 TS-147B/UP.....60.00 USED
 TS-147D/UP.....75.00 USED



GENERAL RADIO SIGNAL GENERATOR MODEL 1021 250-920 MC
 IN ONE BAND, DIRECT READING CALIBRATION 1%, OUTPUT VOLTAGE CONT. ADJ. .5 TO 1 VOLT OPEN CIRCUIT. OUTPUT IMP. 50 OHMS 10%, AMPLITUDE MOD. ADJ. 0-50%, ENV. DIST. LESS THAN 5% AT 50% MOD. CARRIER NOISE LEVEL 1.2% MOD. STRAY FIELD LEAKAGE AND RESIDUAL OUTPUT VOLTAGE CANNOT BE DETECTED WITH A RECEIVER. 2-3 MV SENSITIVITY. POWER REQUIRED: 115/230 VOLT, 50-60CY. SIZE: 20x14x10; WT: 40 LBS. COND. USED
 PRICE: \$150.00 CHECKED FOR OPERATION \$25 EX.

ELECTRONIC MULTIMETER



**TS-505/U ELECTRONIC MULTIMETER: PORTABLE VACUUM TUBE VOLT METER AND DC OHM METER DESIGNED TO MEASURE AC AND DC VOLTAGES AND RESISTANCE. AC METER IS PEAK INDICATING HOWEVER, IT IS CALIBRATED TO READ RMS VOLT POWER REQ. 115 V 50-1600 CYC AND TWO 1.5 V. BATT. FOR OHMMETER SECTION. FREQ. RANGE 30 CYC TO 500MC AC RMS VOLTS RANGES 0-2/4/10/20/40/100 & 200 DC VOLTS RANGES 0-2/4/10/40/100/200/400/1000 RESISTANCE OHMS RANGES 0-1000 MEGOHMS, 7 RANGES WITH AC RECTIFIER PROBE AND A DC PROBE. HANDLE IS USED FOR ADJUSTABLE STAND, EASY USE. SIZE: 11x13x13; WT: 20 LBS.
 PRICE: USED REPARABLE \$30.00, CHECKED \$40.00**

ME-6D/U V.T.V.M.



ME-6D/U ELECTRONIC MULTIMETER
 THIS IS A HIGHLY SENSITIVE VTVM WHICH ACCURATELY MEASURES AC VOLTAGES FROM 500 MICROVOLTS TO 500 VOLTS IN SIX RANGES OVER THE FREQ. RANGE OF 15 CYCLES TO 250 KC PER SEC. THE DECIBEL RANGE IS -5 TO +17, A JACK IS PROVIDED TO INSERT PHONE PLUG SO UNIT CAN BE USED AS A FLAT WIDE-BAND AMPLIFIER. MAX. VOLT GAIN APPROX. 4500, RECT. APPROX. 250 VDC. TUBES 5879, 572C, 0A2, 2A12 & 2/6AH6, VOLTAGE REQ. 117 V. 50-400 CYCLE. ACCURACY 3%
 SIZE: 5x6x11; WT: 12 LBS. USED \$29.95

ATTENUATORS

MX-1309/URM-23 POWER MEASURING; KIT OF WAVEGUIDE ATTENUATORS, ADAPTER, BALOMETER, CABLE & CHART, 1000 TO 4000 MC.
 ATTENUATOR CN-110/U 10 DB
 " CN-111/U 20 DB (2pc)
 " CN-168/U 3 DB
 " CN-169/U 6 DB
 RF BALOMETER DT-76/U, "N" CON
 ADAPTER CONN. UG-402/U
 COAXIAL CABLE CG-92B/U W/UG-21 EA. END.
 METAL CARRYING CASE, FITTED, SIZE: 19x5x14;
 WT: 32 LBS. COMPLETE SET \$18.95



BC-221

FREQUENCY METER



THIS IS A SIMPLE ACCURATE AND RELIABLE CRYSTAL CALIBRATED FREQUENCY INDICATING INSTRUMENT FOR USE IN THE 125 TO 20,000 KC RANGE, WITH A NORMAL OPERATING ACCURACY OF LESS THAN .02%. CAN ALSO BE USED AS A SIGNAL GENERATOR OR VARIABLE FREQ. OSCILLATOR.
 OPERATING VOLTAGE REQUIRED FOR DRY CELL OPERATION 6 VDC .9 AMP. & 135 VDC 20 MA.
 SIZE: 10x13x10; WT: 25 LBS.
 UNITS MAY BE IN WOOD OR METAL CASES. VARIOUS LETTERS, COMPLETE WITH TUBES, CRYSTAL, ORIGINAL CALIBRATION BOOK. USED, REPARABLE \$60.00
 PRICE: USED CHECKED FOR OPERATION \$70.00

BC-221 FREQUENCY METER LESS CALIBRATION BOOK NOT CHECKED FOR OPERATION, OTHERWISE COMPLETE
 PRICE: \$45.00

CALIBRATOR



TS-102B/AP CALIBRATOR
 RANGE CALIBRATOR PORTABLE PULSE GENERATOR WITH REPEITION FREQ. OF 400, 800, 1600, 2000, & 4000, MARKER AND SYNCHRONIZING PULSE, VARIABLE DELAY LINE PHASE ADJUSTMENT. OPERATES FROM 115 V. 50-1000 CYCLES WITH TUBES 2/6X4W, 3/6AG7, 6/5814, 2/UG273/U CONN. 4 CABLES W/UG-88B/U. SIZE: 16x10x11; WT: 28 LBS.
 PRICE: UNUSED \$14.95

115 V. 50-1000 CYCLES WITH TUBES 2/6X4W, 3/6AG7, 6/5814, 2/UG273/U CONN. 4 CABLES W/UG-88B/U. SIZE: 16x10x11; WT: 28 LBS.
 PRICE: UNUSED \$14.95

LORAN TEST SET



TS-251 LORAN TEST SET
 PORTABLE SIGNAL GENERATOR USED IN PRE-FLIGHT AND SHIPBOARD CHECKING OF LONG RANGE LORAN RECEIVERS. FREQUENCY RANGE 1700 TO 2010 KC PULSE SIGNAL. WITH TUBE 6J5, 6S7, 6XK7, 6SL7, 6X5 AND 6SN7. POWER REQ. 80/115/230 V. 50-1600CY
 SIZE: 7x11x10; WT: 30 LBS.
 PRICE: USED SERVICEABLE \$50.00 CHECKED \$60.

AND 6SN7. POWER REQ. 80/115/230 V. 50-1600CY
 SIZE: 7x11x10; WT: 30 LBS.
 PRICE: USED SERVICEABLE \$50.00 CHECKED \$60.

DIODE CRYSTAL CHECKER



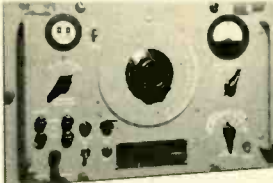
390A-3 TEST SET CRYSTAL CHECKER
 FOR CERAMIC CARTRIDGE AND COAXIAL TYPES WITH NORMAL AND REVERSED POLARITIES. MINIMUM CONVERSION LOSS CAN BE PREDICTED FROM THE STATIC VOLTAGE CURRENT CURVE OF THE CRYSTAL, THEREFORE A TWO POINT DC MEASUREMENT OF VOLTAGES IS MADE OF THE CRYSTAL UNDER TEST AND THE RESULTANT DIFFERENCE IN CURRENT CALIBRATED IN MINIMUM AVAIL. CONVERSION LOSS. IN THE CALIBRATE POS. AND VARYING CONTROL ESTABLISHES THE VOLTAGE CURRENT CURVE, IN THE TEST POS. SHOWS THE INDICATED CURRENT ON THE CALIBRATED METER AS A FUNCTION OF THE MINIMUM AVAIL. CONVERSION LOSS. POWER SUPPLY ONE 1.5 VOLT BATTERY.
 SIZE: 8x8x5; WT: 5 LBS. PRICE: USED \$9.95

URC-4 & URC-10 TEST SET & A.C. POWER SUPPLY

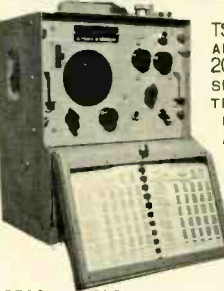


T-906 TEST SET FOR URC-4, URC-10, RT-285 AND RT-350 TRANSCEIVERS
 CONTROLS TO CHECK FILAMENT VOLTAGES, PLATE VOLTAGE, FILAMENT CURRENT AND PLATE CURRENT METER INDICATES WHETHER TRANSCEIVER IS PASSABLE. T-906 MIGHT ALSO BE USED AS A 115V. AC 60 HZ POWER SUPPLY FOR THE SETS. THREE TEST JIGS ARE INCLUDED FOR SPECIFIC UNITS. POWER REQUIRED 115V. 60 HZ. SIZE: 19x11x11; WT: 80 LBS. PRICE: NOT CHECKED \$35.00

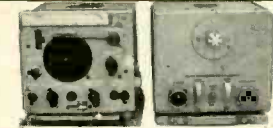
TS-382 AUDIO OSCILLATOR



TS-382 AUDIO OSCILLATOR
 FREQUENCY RANGE 20 TO 200,000 CPS IN FOUR BANDS, OUTPUT IMP. 1000 OHMS, AMPLITUDES CONTINUOUSLY VARIABLE 0-10 VOLTS, FREQ. RESPONSE 20 CPS. TO 150,000 CPS. APPROX. ±1 DB, FREQ. ACCURACY ±5%, STABILITY ±2%, HUM 60 DB BELOW RATED OUTPUT, ATTENUATOR ACCURACY 3% EXCEPT 10 MICRO. V. +2 OR -3 MICROVOLTS. POWER INPUT 115 V. 50-1600 CYC. OUTPUT 100 MW. WITH NINE TUBES, CALIBRATED TUNING DIAL, FREQ. RANGE SWITCH, OUTPUT LEVEL CONT. OUTPUT LEVEL ATTENUATOR, SIGNAL INPUT AND OUTPUT JACK, OUTPUT LEVEL METER, VIBRATING REED-TYPE METER USED AS A ACCURATE CHECK OF THE OSC. CALIBRATION
 SIZE: 18x10x12; WT: SHGP. 75 LBS.
 PRICE: USED, REPARABLE \$60.00 CHECKED \$75.00



**TS-323/UR FREQUENCY METER AND CRYSTAL CALIBRATOR, 20 TO 480 MC. PORTABLE SELF-CONTAINED CRYSTAL CONTROLLED HETERODYNE TYPE USED FOR TESTING CW, MCW AND PULSED SIGNALS. FUNDAMENTAL FREQ. RANGE 20 TO 40 MC. ACCURACY .005%, AUDIO 20 MW AT CHECK PTS. RADIO FREQ. OUTPUT 50-1000 MV. SENSITIVITY 50M MV SIG. GIVES AUDIO BEAT NOTE OUTPUT OF 10 MW. RANGE BA-203 (6 VDC) AND 3 BA-59 (45 VDC). SIZE: 15x12x10 WT: 35 LBS.
 PRICE: USED REPARABLE \$50.00 CHECKED \$65.00
 115 VOLT 60 CYCLE POWER SUPPLY \$24.95**



LM-21 FREQUENCY METER WITH AC POWER SUPPLY; CRYSTAL CALIBRATED UNIT COVERS 125 TO 20,000 KHZ IN TWO BANDS. DESIGN ACCURACY BETTER THAN .02%. AM MODULATION 40% AT 500 HZ. OUTPUT VOLTAGE 250 U-VOLTS MIN. OUTPUT IMPEDANCE 600 OHMS. WITH CALIBRATION BOOK. POWER REQUIRED: 115 VAC 60 HZ.

FREQUENCY METER SIZE: 8x8x8; WT: 14 LBS.
 POWER SUPPLY SIZE: 8x8x8; WT: 15 LBS.
 PRICES: USED CHECKED \$54.50 REPARABLE \$44.50
 POWER INPUT CONN. F/LM-21 EACH 2.00
 POWER SUPPLY " 2 REQUIRED " 2.00
 SHOCKMOUNT \$2.50 MANUAL 7.50

IM-120/UPM STANDING WAVE RATIO METER
 DESIGNED TO BE PLACED OVER 1/2" WAVE GUIDE TO DETERMINE THE STANDING WAVE RATIO OF THE WAVEGUIDE TO THE ANTENNA SYSTEM. USED WITH DIRECTIONAL COUPLER CU-245/U BUT CAN BE ADAPTED TO OTHER SYSTEMS. UNIT HAS 6/IN25 CRYSTAL DIODES AND 3/4" METER FOR INDICATION. ALSO INSTRUCTION MANUAL. THE CARRYING CASE IS ALUMINUM SEALED, WATERPROOF AND IS OPTIONAL. CASE SIZE 9x7x5; WT: 10 LBS. NEW
 PRICE: LESS CASE \$11.50 WITH CASE \$14.95

WAVE METER / SCOPE OSCILLATOR

AN/UPM-1 WAVEMETER-OSCILLATOR SCOPE RADAR TEST UNIT
 FOR 155-235MC AND 460-570MC CONTAINS PULSE AND SWEEP GENERATOR VIBED AMP. 3" OSCILLOSCOPE, TWO WAVEMETER TWO OSCILLATORS. POWER REQUIREMENTS: 80, 115 OR 230 VOLTS AC. 60-1000 CYCLES. SIZE: 30x21x24 WT: 150 LBS.
 USED \$39.50
 DIFOLE ANTENNA FOR AN/UPM-1 USED \$9.95

FREQUENCY POWER METER

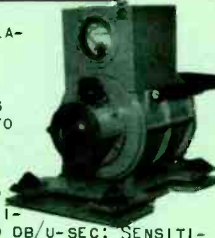
FREQUENCY POWER METER ME-51/UP
 FREQUENCY COUNTER 1100-3999. CALIBRATED TO FREQUENCY 3100 MC TO 3500 MC. HAS 0-1.5 MA; 0-25MW METER. WITH CABLES, IN METAL CARRYING CASE.
 SIZE: 8x9x9; WT: 18 LBS.
 USED \$15.00

FR-4/U FREQUENCY METER
100 KHz to 20 MHz in seven bands; PORTABLE GENERAL PURPOSE, HETERODYNE TYPE UNIT USED TO MEASURE AND CALIBRATE RECEIVERS AND TRANSMITTERS. A BLINKER LIGHT IS USED FOR MAKING ACCURATE ZERO-BEAT SETTINGS. CW RECEPTION. OSCILLATOR FREQUENCIES: 100 TO 250 KHz (PROXY), 1250 KHz (CRYSTAL), 10 KHz (BLOCKING) AND 15 TO 20 KHz (INTERPOLATION). WITH BUILT-IN OSCILLOSCOPE FOR INTERPOLATION. AUDIO POWER OUTPUT 2 MW MIN. ACROSS 600 OHMS. STABILITY .0001%, ACCURACY .001%. 115/230 V AC 50 TO 1000 HZ. SIZE: 15 1/2 x 19 x 18 WT: 100 LBS. PRICE: USED, REPARABLE \$65.00 CHECKED \$85.00

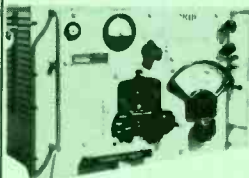


TUNED CAVITY

TS-545/UP TUNED CAVITY, DESIGNED TO INDICATE RELATIVE POWER, OUTPUT, FREQUENCY, RESONANCE, AND GENERAL EFFECTIVENESS OF A RADAR SYSTEM; RECEIVES AND TRANSMITS FROM 1150 TO 1350 MHz PULSED. RESONANCE INDICATED BY NEEDLE DEFLECTION OF 3 1/2" ROUND 0 TO 100 DC MICROAMMETER FREQUENCY READ FROM VERNIER-TYPE DIAL. DECAY: 3.5 DB/U-SEC; SENSITIVITY: 1 DB POWER LOSS FOR 50 YARDS RING-TIME POWER REQUIRED: NONE. SIZE: 11 1/2 x 8 x 9 1/2 SHPG. WT: 40 LBS. PRICE: USED, \$49.50
TS-270 SIMILAR TO ABOVE 2630-2970 MHz \$39.95



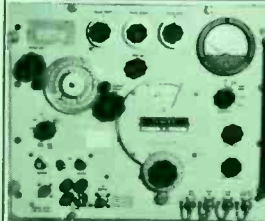
AN/URM-32 FREQUENCY METER: 125 KC TO 1000 MC IN THREE RANGES, CAN ALSO BE USED AS A SIGNAL GENERATOR WHICH PROVIDES A CHOICE OF MODULATED OR UNMODULATED SIGNALS FOR TESTING AND CALIBRATING RADIO EQUIPMENT. SENSITIVITY WITH AN RF OUTPUT OF .05 MW MINIMUM IS OBTAINED. ACCURACY .01%, RF 100 UV MINIMUM ACROSS EXTERNAL 50 OHM RESISTIVE LOAD. FIVE TUBE HETERODYNE TYPE, POWER REQ. 6 VDC 1 AMP. 180 VDC 25 MA., DRY BATTERY OR AC SUPPLY CAN BE USED. METER IS USED TO READ P.S. VOLTAGES. W/CALIBRATION BOOK SIZE: 13 1/2 x 12 1/2. WT: 29 LBS.
PRICE: USED, CHECKED, \$125.00; URM-32 WITH 115 V. 60 HZ. POWER SUPPLY, \$150.00



FR-6/U FREQUENCY METER 100 TO 500 MHz, HETERODYNE TYPE COMPRISING VARIABLE TUNED INTERPOLATION OSC. ADDED TO A FIXED HARMONIC CRYSTAL OSCILLATOR. THIS METHOD ELIMINATES UNWANTED HARMONICS. AN LC TYPE AUDIO-MODULATOR MODULATES THE FILTERED AMPLIFIER IF SIGNAL AND THE AUDIO IS FED INTO THE HEADPHONE JACKS. RECEIVES CW; FUND. FREQ. RANGE 4.166-4.34 STANDARD FREQ. AVAILABLE 4.0 MHz. STABILITY .0001%, ACCURACY .001%. WITH CALIBRATING SCALE, USES BNC CONNECTORS. REQUIRES 115/230V 50 TO 1000 HZ. SIZE: 12 1/2 x 19 x 15 WT: 60 LBS. PRICE: USED, REPARABLE \$65.00 CHECKED \$85.00

FR-5/U FREQUENCY METER; SIMILAR TO FR-6 EXCEPT 10 TO 100 MHz. A FEW AVAILABLE. PRICE: USED, REPARABLE \$65.00 CHECKED \$85.00

SIGNAL GENERATOR



TS-403 SIGNAL GENERATOR, SIMILAR TO HEWLETT-PACKARD 616B 1.8 TO 4.2 GC DIRECTLY CALIBRATED FREQ. CALIBRATION ACCURACY ± 1%. OUTPUT RANGE OF 1 MW OR .223V TO 0.1UV. INTO 50 OHM LOAD IS DIRECTLY CALIBRATED AND CONTINUOUSLY MONITORED. INTERNAL MODULATION 40 TO 4000 HZ; EXTERNAL PULSE MOD. REQUIREMENTS 40 TO 70V POS. OR NEG., WIDTH 1 U-SEC TO 2500 U-SEC, MAY BE SQUARE WAVE MODULATED. POWER REQUIRED: 115/230V 50-1000 HZ. PORTABLE UNIT WITH COVER. SIZE: 17 1/2 x 13 1/2 x 13 1/2 WT: 65 LBS. PRICE: USED, REPARABLE \$85.00 UNUSED \$125.

TS-148 SPECTRUM ANALYZER



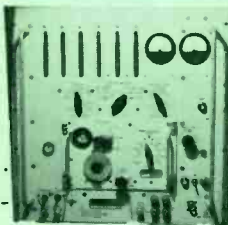
TS-148/UP SPECTRUM ANALYZER; 8470 TO 9630 MHz. PROVIDES VISUAL INDICATION OF RF OSCILLATOR SPECTRA. MAY ALSO BE USED TO MEASURE FREQUENCIES OF RESONANT CAVITIES, ECHO BOXES, MAGNETRONS AND LOCAL OSCILLATORS IN FREQ. RANGE. RECEIVES CW AND PULSED; TRANSMITS CW AND FM CARRIER WAVE. CONTINUOUSLY VARIABLE SWEEP FREQ. FROM 10 TO 30 CYCLES. MAX. SPECTRA DISPERSION 1.5 MHz PER INCH. SENSITIVITY TO CW (SPECTRUM AMPLIFIED POSITION) -80 DB BELOW 1 WATT/IN. DEFLECTION; SENSITIVITY TO CW (SPECTRUM POS.) 55 DB BELOW 1 WATT/IN. DEFLECTION. ONE MILLIWATT POWER OUTPUT. WITH FREQ. METER, FREQ.-SWEEP RF OSCILLATOR, CRYSTAL MIXER, NARROW BAND I-F

WITH TUBES 2K25, 2X2, 3BP1, 5R4, 6AC7, 6SA7, 6Y6, 3/6SJ7, 3/6SN7, 884 & 4/991. Pow. Req. 115V 60C SIZE: 19 x 13 1/2 x 25; WT: 45 LBS.
PRICE: TS-148/UP USED \$39.50 UNUSED \$49.50
AN/UPM-33 COMPLETE SPECTRUM ANALYZER CONSISTING OF TS-148/UP DESCRIBED

ABOVE PLUS ACCESSORY WAVEGUIDES, CABLE TRANSIT CASE, AND MANUAL.
USED \$70.00 UNUSED \$80.00

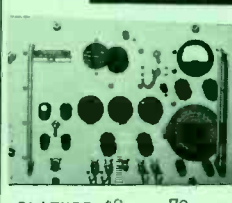
FR-38 FREQUENCY METER

FR-38 FREQUENCY METER AND COUNTER; GENERAL PURPOSE UNIT SIMILAR TO HEWLETT-PACKARD 524B. USED TO MEASURE FREQUENCY AND TIME INTERVALS. FREQ. RANGE: 10 HZ. TO 10 MHz; CAN BE EXTENDED WITH PROPER PLUG-INS TO 510 MHz. TIME INTERVAL: .001 SEC TO 10 SEC. CAN BE EXTENDED FROM 1.0 U-SEC TO 100 DAYS WITH PROPER PLUG-IN. FR-38 CONSISTS OF A SIGNAL GATE, A TIME BASE SECTION, A GATE SECTION AND 6-DECADE COUNTER. RECEIVES CW OR PULSED. ACCURACY @ 1 TO 3000 HZ .03%; @ 3000 HZ TO 10 MHz .001%. POWER REQUIRED: 115V AC 50 - 1000 HZ. SIZE: 19 1/2 x 19 x 18 1/2 WT: 125 LBS. PRICE: USED, REPARABLE \$125.00 CHECKED \$175.



FR-38 WITH HEWLETT-PACKARD 525B FREQUENCY CONVERTER WHICH EXTENDS RANGE TO 100-220 MHz. \$50.00 ADDITIONAL.

400 TO 1000 MHz



TS-418/U SIGNAL GENERATOR, 400 TO 1000 MHz IN ONE BAND. GENERATES AM, CW OR PULSED CARRIER. OUTPUT VOLTAGE 0.2 TO 200,000 U-VOLTS INTO 50 OHMS. INTERNAL AND EXTERNAL MODULATION 40 TO 4000 HZ. EXTERNAL MOD. PEAK PULSE AMPLITUDE 40 TO 70 VOLTS; PULSE WIDTH 0.5 TO 20 U-SEC; POSITIVE OR NEGATIVE PULSE OR SINE WAVE SYNCH. INPUT IMPEDANCE: 10,000 OHMS SHUNTED BY 115 UUF; OUTPUT IMPED.: 50 OHMS. POWER REQUIRED: 115 VAC 50 TO 1600 HZ SIZE: 12 1/2 x 17 1/2 x 13 1/2 SHPG. WT: 80 LBS. PRICE: USED, REPARABLE \$95.00 UNUSED, CHECKED \$120.00

KLYSTRON POWER SUPPLY



GENERAL MICROWAVE MODEL 303 KLYSTRON POWER SUPPLY; BEAM VOLTAGE VARIABLE FROM -250 TO -400 VOLTS AT 30 TO 50 MA. MAXIMUM. REFLECTOR VOLTAGE VARIABLE FROM 0 TO -900 VOLTS @ 10 UA. REFLECTOR VOLTAGE INTERNALLY MODULATED AT 1000 HZ SQUARE WAVES ADJUSTABLE UP TO 110 VOLTS PEAK TO PEAK. EXTERNAL MODULATION VIA FRONT PANEL TERMINAL, 100,000 OHM IMPEDANCE. SINUSOIDAL POWERLINE FREQUENCY, VARIABLE FROM 0 TO 350 VOLTS PEAK TO PEAK. POWER REQUIRED: 115 VAC 50/60 HZ. SIZE: 11 1/2 x 13 x 7 1/2 SHPG. WT: 25 LBS. WITH MANUAL (NO SCHEMATIC). PRICE: UNUSED \$45.00

NOISE GENERATOR



RG-52 MICROWAVE MEGAWATT NOISE GENERATOR WITH POWER SUPPLY. USED FOR THE MEASUREMENT OF NOISE FIGURE OR RECEIVER GAIN AND FOR THE CALIBRATION OF STANDARD SIGNAL SOURCES. FLUORESCENT GAS TUBE GIVES 8200 MHz TO 12400 MHz FREQUENCY RANGE. HAS THERMOMETER ATTACHED TO AID IN ADJUSTING THE WAVEGUIDE. THE NOISE POWER OUTPUT IS 15.8 DB. WITH AN MOUNTING FLANGE UG-39/U. POWER SUPPLY INPUT 115V. 50-60 HZ. WAVEGUIDE SIZE: 16 x 5 1/2 x 1 1/2 WT: 2 1/2 LBS. POWER SUPPLY SIZE: 11 1/2 x 7 x 7 WT: 15 LBS. PRICE: WAVEGUIDE W/POWER SUPPLY, UNUSED \$25.

H-P 623B TEST SET



HEWLETT-PACKARD MODEL 623B TEST SET WITH A POSSIBLE FREQUENCY RANGE OF 5925 TO 7725 MHz, DEPENDING ON THE ONE OF THREE KLYSTRONS USED. (KLYSTRON FOR 7125 TO 7725 MHz SUPPLIED). UNIT IS A COMBINATION SIGNAL GENERATOR, FREQ. METER AND POWER METER FOR TESTING SHF BAND MICROWAVE EQUIPMENT. FREQ. METER RANGE 5820 TO 7780 MHz. POWER OUTPUT: 0 TO +70 DBM. INTERNAL MODULATION 100 HZ FM; EXTERNAL FM, PULSE OR SQUARE WAVE, 30 TO 100,000 HZ. POWER METER RANGE: -6 TO +30 DBM. WITH TUBES 0A2, 5R4GYA, 2/6SN7, 2/6CB6, 2/0B2, 2/6X4 AND ONE HIGH BAND KLYSTRON VA-115. (OTHER KLYSTRONS VA-113 AND VA-114 NOT AVAILABLE.) POWER REQUIRED: 115/230 VAC 50-60 HZ. SIZE: 11 1/2 x 20 1/2 x 12 1/2 SHPG. WT: 65 LBS. PRICE: USED, REPARABLE-COMplete \$150.00

SCOPE PLUG-INS



TEKTRONIX TYPE OSCILLOSCOPE PLUG-IN UNITS FOR USE WITH TEKTRONIX OR LAVOIE SCOPE SERIES 530, 540, OR 550. SOLD AS "USED, COMPLETE-REPARABLE." TYPE B WIDE-BAND HIGH-GAIN, HICKOK MFG. \$35.

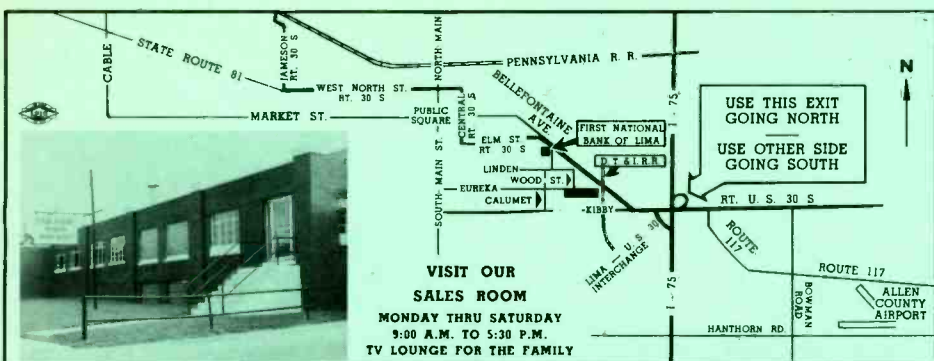
TYPE D HIGH-GAIN DC DIFFERENTIAL, \$40.
TYPE L FAST-RISE HIGH-GAIN, LAVOIE MFG \$45.



SG-71/FCC CARRIER TEST OSCILLATOR SIMILAR TO HEWLETT-PACKARD 233A. DESIGNED TO CHECK CARRIER CURRENT SYSTEMS; 50 HZ TO 500 KHz IN FOUR BANDS. HIGH POWER OUTPUT; 3 WATTS INTO 600 OHMS BALANCED LOAD MAKES TESTS OVER LOOPS 100 TO 200 MILES LONG. SECOND OUTPUT OF 6 VOLTS INTO 600 OHMS AVAILABLE FOR AUDIO TESTS. WITH 0-50 DC VOLTMETER FOR OUTPUT; PROVISION FOR CARRIER MODULATION. POWER REQUIRED: 115/230 VAC 50-1000 HZ; SIZE: 17 1/2 x 11 x 15 WT: 45 LBS. PRICE: USED REPARABLE \$65.00, CHECKED \$85.00

TS-170/ARN-5 TEST OSCILLATOR USED FOR PRE-FLIGHT CHECKING OF GLIDE PATH RECEIVERS SENSITIVITY AND AUDIO CHANNELS. CRYSTAL CONTROLLED ON THREE PRESELECTED FREQ. 332.6, 335.8, 335 MC. MODULATION FREQ. 90 & 150 CYC. METER IS 2" 0-1 DC MILLIAMETER. BATTERIES REQUIRED 2/1.5 VDC AND 2/45 VDC. WT: 29 LBS. SIZE: 12 x 16 x 12; UNUSED \$29.50



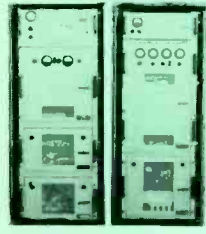


A PRAYER AWAY



Fair Radio Sales Co., Inc.
 1016 E. EUREKA ST.
Lima, Ohio 45802
 P. O. BOX 1105

TRC-29 MICROWAVE TRANSMITTER-RECEIVER



AN/TRC-29 RADIO RELAY SET. INCLUDES T-303A TRANSMITTER AND R-418A RECEIVER IN THE 1700 TO 2400 MHZ RANGE WITH 27 PRESET CHANNELS; T-389A ORDER-WIRE TRANS. AND R-543A ORDER-WIRE REC. ON A 6 MHZ FM CARRIER FREQUENCY; AND PP-690, -689, & -764 POWER SUPPLIES. TRC-29 IS DESIGNED TO PROVIDE COMMUNICATION TRUNK SERVICE OVER AS MANY AS 20 TANDEM HOPS WITH 30 MILES LINE-OF-SIGHT BETWEEN REPEATER STATIONS. UNIT USED IN PPM, PCM, FREQ. DIVISION MULTIPLEX, TELEVISION, OR SWITCHOVER RELAY SYSTEMS. T-303A EMPLOY A SRL-7 KLYSTRON OSCILLATOR (NOT AVAILABLE) FOLLOWED BY A 2C39A TRIODE 10 WATT AMPLIFIER R-418A HAS A 6BM6 KLYSTRON OSCILLATOR, AFC, AND AGC. ANTENNA INPUT-OUTPUT IMPED. 50 OHM WITH TUBES 13 IN R-453A, 29 (R-418A), 18 (PP-690), 16 (PP-689), 12 (T-389A), 37 (LESS SRL-7 IN T-303A), AND 11 (PP-764). POWER REQUIRED: 115/230 VAC 50/60 HZ 2300 WATTS. SIZE: 62x29x29 FOR TRANSMITTER AND RECEIVER SECTIONS EACH. TOTAL WT: 1051 LBS. PRICE: TRC-29, UNUSED LESS SRL-7 \$395.00

TRAVELING WAVE TUBE



THE TRAVELING WAVE TUBES LISTED BELOW ARE USED COMPLETE, NOT CHECKED, NOT GUARANTEED, EXPERIMENTER ITEM.

ZM-3480 VARIAN TWT HAS DC-DC INVERTER POWER SUPPLY, OPERATES FROM 115V 48-420 HZ. ALSO POWERFUL DISK MAGNET S. SIZE: 13x3 IN DIA. 12 LBS \$10.00

WJ-295 WATKINS JOHNSON TWT LOW NOISE AMPLIFIER 2.0-4.0GHZ. WITH INVERTER DC-DC POWER SUPPLY, 600VDC, -150VDC, -100VDC, -30VDC. CYLINDRICAL MAGNETS. POWER REQ 115V 48-420HZ. SIZE 10x3 DIA WT 7 LBS PRICE \$10.00

TWT'S LISTED BELOW HAVE VARIOUS SIZE MAGNETS, NO POWER SUPPLY, NO DATA.

SPERRY STC-279 12x1.5 IN DIA \$5.00
 Microwave M5217 13x1 DIA 5.00
 HUGHES 333-H 9x3 DIA 5.00
 HUGGINS M5057A 17x1.5 DIA 5.00
 RAYTHEON QKB994 8x2.5 DIA 5.00
 ITT F2548 15x2x2 5.00
 Microwave 10300 15x1 5.00
 SHPG WT ON ABOVE 5LBS

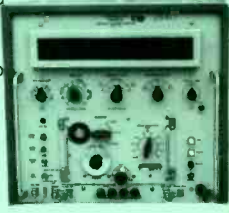
400 WATT TRANSMITTER



TCK-4 400 WATT TRANSMITTER; 2.0 TO 18.0 MHZ IN SIX BANDS. OUTPUT: 400 WATTS CW; 100 WATTS PHONE. 100 KHZ CRYSTAL CALIBRATOR; VFO CONTROL ON 1 KHZ DIVISION DIAL. RF STAGES ARE GANG TUNED WITH DIGIT COUNTERS. WITH SIX 3 1/2" METERS FOR MONITORING VOLTAGES AND CURRENTS. ALSO OVERLOAD RELAYS, CIRCUIT BREAKERS, AND OTHER CONTROLS. WITH TUBES 2/813 (POWER AMP), 837 (DRIVER), 837 (VFO), 807 (AUDIO), 6SK7 (CALIBRATOR), 6SK7, 6SL7, 6SJ7, 6SN7, 6SQ7. POWER REQUIRED: 110 VAC 60 HZ (FILAMENTS). ALSO 1800 VDC @ 400 MA, 500 VDC @ 350 MA, 12 VDC @ 2 AMPS, AND 230 VDC. SIZE: 52x25x18. WT: 285 LBS. SHPG. WT: 470 PRICE: RECONDITIONED \$125.

DIGITAL COUNTER

NORTHEASTERN ENGINEERING MODEL 14-20C FREQUENCY COUNTER WITH 8-PLACE NIXIE DIGITAL DISPLAY. FREQUENCY RANGE 10 HZ TO 10.1 MHZ WHICH CAN BE EXTENDED TO 1000 MHZ WITH THE PROPER PLUG-IN FREQUENCY CONVERTER. TIME PERIOD: 10 U-SEC TO 1.0 MILLION SEC. INPUT IMPEDANCE: 1 MEG-OHM SHUNTED BY 40 UUF. ALSO COUNTER DESIGNED TO BE USED AS A SECONDARY FREQUENCY STANDARD FROM 10 MHZ TO 0.1 HZ WITH A CRYSTAL-CONTROLLED 1 MHZ OSCILLATOR. HOWEVER, THE 1 MHZ OSCILLATOR IS NOT AVAILABLE. COUNTER USES PLUG-IN UNITS INTERCHANGEABLE WITH FR-38 AND HEWLETT-PACKARD 524 SERIES COUNTERS. PLUG-INS SOLD SEPARATELY. POWER REQUIRED: 115 V. 50-400 HZ SIZE: 19 1/2 x 19 x 17 1/2 SHPG. WT: 110 LBS. PRICE: USED, LESS 1 MHZ OSCILLATOR, \$95.00 PLUG-INS \$50.00 EA. WHEN PURCHASED W/COUNTER



MODEL 14-21C FREQUENCY CONVERTER, EXTENDS FREQUENCY FROM 10 TO 100 MHZ. PRICE: USED, REPARABLE \$70.00

HEWLETT-PACKARD 525B FREQUENCY CONVERTER, EXTENDS FREQUENCY FROM 100 TO 220 MHZ. PRICE: USED, REPARABLE \$60.00

MODEL 14-24C TIME INTERVAL UNIT, MEASURES INTERVALS FROM 1.0 U-SEC TO 100 DAYS. PRICE: USED, REPARABLE \$25.00

RECEIVER-TRANSMITTER

RT-294A/ARC-44 RECEIVER-TRANSMITTER DESIGNED FOR AIRCRAFT USE IN THE FREQ. RANGE OF 24.0 TO 51.9 MHZ F.M. VOICE IN 280 PRE-SET CHANNELS. TRANSMITTER IS APPROX. 8 W. OUTPUT, 52 OHM LOAD, AIR TO GND. RANGE APPROX. 50 MILES. REC. AUDIO OUTPUT APPROX. 50 MW. ACROSS 150 OHM. 600 OHM HEADSET. MAY ALSO BE USED AS HOMOING DEVICE FOR KEYED UNMODULATED OR CW SIGNALS. POWER REC. 27.5 VDC 3 A. 150 VDC @ 85 MA., 300 VDC @ 125 MA., 27 V. 400 CYC. FOR BLOWER. WITH TUBES 9/5840, 7/5718, 4/5829, 3/5636, 2/5763, 1/5647, 1/5902, 1/6112 & 1/6RF7. SIZE: 7 1/2 x 14 x 5 1/2; WT: 17 LBS. PRICE: USED, \$19.95



FREQUENCY COUNTERS

BECKMAN 554 5 DECADES EPUT METER \$50.
 BECKMAN 5424 4 " PRE-SET \$50.
 BECKMAN 5426 6 " " " \$50.
 BECKMAN 7370 8 " EPUT METER \$65.
 UNIVERSAL 10 HZ-11.5 MHZ \$100.
 DYMEC MODEL 2500 5 DECADES \$65.
 FR-67 20 TO 100K EVENTS/SEC. 5 DECADES \$50.

TXC-1 FACSIMILE

TT-1E/TXC-1 FACSIMILE TRANSCIEVER
 DESIGNED FOR WIRE AND RADIO TRANSMISSION OF PHOTOGRAPHS, MAPS & MESSAGES. NORMAL OPERATING RANGE IS USUALLY IN VOICE RANGE. FREQ. BAND BETWEEN 1200 AND 1800 HZ IS REQUIRED. OUTPUT SIGNAL 0 TO +25 DBM; INPUT SIGNAL -50 TO 0 DBM. UTILIZES A ROTATING DRUM AND A BEAM OF LIGHT FOCUSED ON A PHOTOCCELL. A 1800 HZ SIGNAL IS MODULATED AND AMPLIFIED IN THREE STAGES, THEN TRANSMITTED. RECEIVING IS DONE ON LIGHT SENSITIVE PAPER WITH EXPOSURES PRODUCED IN ACCORDANCE WITH THE INTENSITY OF LIGHT BEAM GENERATED BY THE INCOMING SIGNAL. POWER REQUIRED: 450 VDC, 6.3 VDC, 9 VDC. SIZE: 36x18x13 WT: 100 LBS. PRICE: GOVT. RECONDITIONED \$39.50



AN/TXC-1 FACSIMILE SET, INCLUDES TT-1 TRANSCIEVER, PP-86 115 VAC 60 HZ POWER SUPPLY FOR TT-1, AND STEEL TABLE WITH DRAWER AS PICTURED TABLE SIZE: 37x22x32 SHPG. WT: 200 LBS. PRICE: GOVT. RECOND. 84.95



RD-60/U CODE RECORDER OF RADIO TELEGRAPH CODE SIGNALS. USES 3/8" WIDE, 800 FOOT ROLLS OF PAPER TAPE. RECORDS CODE SPEEDS UP TO 1000 WORDS PER MINUTE WITH A RECORDING TIME OF 26 MINUTES (LOW) OR 13 MINUTES (HIGH). INPUT SIGNAL FREQ. 500 TO 5000 HZ. INPUT IMPEDANCE 500 AND 5000 OHMS. OUTPUT IMPED. 6 OHMS. INCLUDED IS ONE PINT OF INK, 2 PENS, CLEANING MATERIALS, ADJUSTING TOOLS AND MANUAL. WITH TUBES 2/0D3, 0A2, 5V4, 6H6, 6L6, 6X4, 6SJ7, 6SK7. POWER REQUIRED: 115/230 VAC 50-60 HZ. SIZE: 19x16x12 1/2 WT: 150 LBS. IN WOOD CRATE. PRICE: UNUSED \$29.95



RETURN POSTAGE GUARANTEED

PAID U.S. POSTAGE
 Lima, Ohio
 Permit No. 74

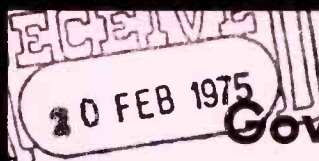
DAVID J GOODMAN
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 CLEVELAND HTS OHIO 44118



**CATALOG
WS-75**

Fair Radio Sales Co., Inc.

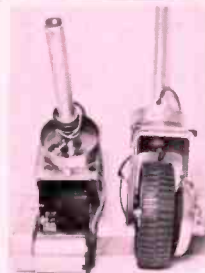
OUR 28th YEAR



**World's Finest
Government Surplus**

ELECTRONICS

ELECTRIC MOTORIZED WHEEL



ELECTRIC MOTORIZED WHEEL WITH 6VDC MOTOR & HEAVY DUTY GEAR BOX, REVERSIBLE APPROX. 50 RPM NO LOAD, 1 AMP. 3 AMP. LOADED, 6 AMP STALL. RUBBER TIRED WHEEL 5" x 1 1/2", TOP OF FORK TO BOTTOM OF WHEEL 6 1/2", 2 1/2 x 5/8" CUP TOP OF FORK AND 6 1/2 x 3/4" TUBING ABOVE CUP. ALL METAL CONSTRUCTION INCLUDING GEARS EXCEPT MOTOR ENDS ARE HIGH IMPACT PLASTIC & TIRES. NET WT. 3 LBS. PRICE: \$7.95 EA. 2 FOR \$15 No. 6VCD-P HAS MANY USES

EQUIPMENT DOLLY, WHEEL CHAIR, CAR, FISHING REEL

MOTOR & GEAR BOX ASSEMBLY NO. RS-85
SIMILAR TO UNIT USED ON ELECTRIC MOTORIZED WHEEL ASSY DESCRIBED ABOVE, EXCEPT THIS UNIT HAS PLASTIC GEARS & GEAR BOX. OPERATES FROM 6 VDC BUT WILL RUN ON 2 VDC TO 12 VDC WITH VARYING SPEEDS OF 50 TO 250 RPM DEPENDING ON LOAD AND VOLTAGE USED. MOTOR IS ALSO REVERSIBLE.
SIZE: 3 1/2 x 2 1/2 x 4 1/2; WT: 1 LB. AMER. #122830 \$4.50

DISTORTION ANALYZER

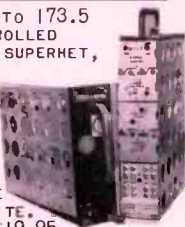


HEWLETT-PACKARD DISTORTION ANALYZER MODEL 330BR. WILL GIVE QUICK ACCURATE MEASUREMENTS OF DISTORTION AS LOW AS 0.1% AT ANY FREQ FROM 20 CPS TO 20,000 CPS

IT WILL MAKE NOISE MEASUREMENTS OF VOLTAGES AS SMALL AS 100 MICROVOLTS. THE ANALYZER HAS HIGH SENSITIVITY AND HIGH STABILITY. ITS CIRCUIT 20 DB AMPLIFIER, OSCILLOSCOPE TERMINALS, AND PRECISION VACUUM TUBE VOLTMETER WHICH IS USEABLE SEPARATELY. EXCEPTIONALLY USEFUL FOR ALL KINDS OF AUDIO MEASUREMENTS IN RECORDING, BROADCAST, MOTION PICTURE, LABORATORY ETC.
SIZE: 8 x 19 1/2 x 13 1/2 (RACK MOUNTING) WT: SHPG. 40 LBS.
PRICES: USED REPARABLE \$225 CHECKED \$275

TRANSISTORIZED RECEIVER

R-962 RECEIVER V.H.F. 162.5 TO 173.5 MHz IN SIXTEEN CRYSTAL CONTROLLED CHANNELS. DOUBLE CONVERSION SUPERHET, THAT CAN DETECT A.M., F.M. & VIDEO SIGNALS. RECEIVER CONSISTS OF 5 PLUG-IN MODULES OF PRINTED CIRCUIT ASSEMBLY NO TUBES ARE USED. 18 VDC CONVERSION FOR 2 METERS, VHF WEATHER, SATELLITE TV ETC.
SEE INFORMATION CQ MAGAZINE OCT. 74. BY GORDON ELIOT WHITE.
SIZE: 7 1/2 x 2 1/2 x 10; 5 LBS. USED \$19.95



RU-18 WWII RECEIVER



CW-460483 NAVY AIRCRAFT RECEIVER USED IN WWII TRF TUNED RADIO FREQ. TYPE, COVERS RANGE OF 195 TO 13,575 KC BY USE OF PLUG-IN COILS, HAS LOCAL OR REMOTE TUNING CONTROLS, SENSITIVITY, LOOP & REG. ANT. CONT. WITH TUBES 3/78, 2/77 & 1/38233. TUBES ARE 6 VOLT, SET WAS DESIGNED TO OPERATE FROM 12-14 V. FOR FIL. & APPROX. 250 VDC @ 50 MA. FOR HV.

PRICE: RECEIVER WITH TUBES, LOCAL TUNING KNOB, PLUG & CHOICE OF 5 COILS LISTED \$29.95 ACCESSORIES FOR THE ABOVE RECEIVER

Coil O & P DUAL	195-490/290-435	KC	\$2.95
" L & N "	400-600/6000-9050	" "	" "
" Q & G "	540-830/3000-4525	" "	" "
" Q & M "	540-830/5200-7700	" "	" "
" U "	850-1330	" "	" "
" E "	1330-2040	" "	" "
" Q & F DUAL	540-830/2040-3000	" "	" "
" H "	4000-6000	" "	" "
" K "	9050-13,575	" "	" "

CW-46011	SHOCK MOUNTING BASE	1.00
CW-23087	CONTROL BDX FOR REMOTE USE	1.50
	PLUG TO FIT CONTROL BDX	1.00
CW-23012	REMOTE TUNING HEAD W/DIALS	1.75
MC-124	FLEX. SHAFT FOR REMOTE USE 20"	1.50
CW-21215	DYNAMOTOR FOR 12 VDC W/PLUG	5.95
CW-22266	TEST METER IN CASE 0-35 MADC 2 1/2" METER RD. WITH PLUG.	3.95
CW-62017	JUNCTION BOX W/4 PLUGS.	3.00
	SPARE TUBES: 77, 78 OR 38233 EA. \$2 SET (6)	9.00

EQUIPMENT LISTED ABOVE IS UNUSED FROM WWII

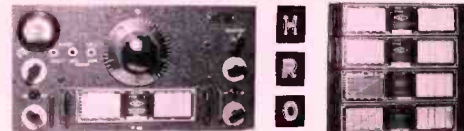
PANORAMIC ADAPTER



BC-1032 PANORAMIC ADAPTER; FOR USE WITH RECEIVERS HAVING A I.F. FREQ. OF 5.25 MC. AND WILL PERMIT THE OPERATOR TO VISUALIZE A PORTION OF THE RECEIVED SIGNAL ON THE 3" CATHODE RAY TUBE TUNED TO. ADAPTER ALSO HAS THE USUAL CONTROLS USED WITH OSCILLOSCOPE OPERATION PLUS 500 AND 1000 KC SWEEP CONTROL. VOLTAGE REQ. 115V 60HZ. WITH TUBES 2/6AC7, 1EA. 6SA7, 6SG7, 6SL7, 6SQ7, 6X5, 2X2, 0C3 & 3AP1 CRT.
SIZE: 13 1/2 x 8 1/2 x 15; WT: 45 LBS.

PRICES: USED REPARABLE \$49.50 MANUAL \$7.50

NATIONAL RECEIVER



H R O RECEIVER 900 KC TO 30 MC WITH PLUG-IN COILS: 900-2050 KC, 1.7-4.0 mc, 3.5-7.3 mc, 7.0-14.4 mc; 14.0-30.0 MC. SUPERHETRODYNE FOR CW., MCW., PHONE. THIS IS ONE OF THE ALL TIME GREATS OF AMATEUR RECEIVERS AND FOR THE PRICE YOU CAN NOT BEAT IT TO-DAY. TUBE LINE-UP IS 6D6 1ST & 2ND R.F. 6C6 1ST DET & HF OSC. 6D6 1ST & 2ND I.F., 6C6 BFO., 6B7 D-DET. AVC, 1 ST AUDIO & 42 AUDIO OUTPUT. LARGE 5" DIAL, "S" METER, 2000 OHM, 500 OHM & 500 OHM PHONE AUDIO OUTPUT JACKS ON FRONT PANEL, PHASING, R.F. AUDIO, CW. CONTROLS. POWER SUPPLY REQUIRED 240 VDC @ 70 MA. & 6.2 VAC @ 3.4 AMPS.
SIZE: 17x9x10; SHPG. WT. 77 LBS. IN WD. BX. AS RECEIVED RE-COND. FROM CANADIAN GOVT. OR SHPG. IN CARTONS 50 LBS. \$125.00 MANUAL \$5

WE HAVE MADE A 115 VOLT 60 CYCLE POWER SUPPLY FOR THIS REC. WITH SPEAKER (SEE P. 20) \$23.00

LED - SUPPLIES - NIKAD BATTERY

OPCOA LED .33 INCH READOUT REQUIRES 7447 DRIVER. SLA-1 7 SEGMENT 0-9 & DECIMAL SLA-2 PLUS, MINUS & ONE \$2.00 EACH 3 FOR \$5.00



TRIPLET No. 12277 P.S. INPUT: 105-125V 50-400HZ OUTPUT: 5.8VDC @ 310 MA. USED IN BATTERY CHARGER CIRCUITS FOR (4) FOUR NIKAD BATTERIES. \$2.75 EA. 2 FOR \$5.00



METRONIC No. ESMP P.S. INPUT: 120 v 60 Hz 3MA. OUTPUT: 7.5 vdc @ 150MA. 9.6 VDC OPEN CIRCUIT \$2.95 EA. 2 FOR \$5.50 BOTH UNITS PLUG INTO AC OUTLET DIRECTLY



NIKAD RECHARGEABLE BATTERIES 1.2 VOLTS 2.0SC SIZE C, GOULD #4872 \$1.60 EA. 4 FOR \$6.00

VACUUM TUBE VOLTMETER



VACUUM TUBE VOLT-OHMETER; AC-DC VOLTS 0-1.5/5/15/50/150/500/1500 SCALES. OHMS RX1/10/100/1K/10K/100K & RX1M. JACK FOR R.F. PROBE. LESS AC-DC-OHMS & R.F. PROBES. SOLD AS USED REPARABLE-NOT CHECKED SIZE: 7 1/2 x 5 1/2 x 4; 5 LBS. RCA WV-97A \$22.50 SIMPSON 311 \$27


**ORDERING
INFORMATION
SEE PAGE 2**

FAIR RADIO SALES CO., INC.
1016 EAST EUREKA STREET - P. O. BOX 1105
LIMA, OHIO 45802 - TELEPHONE (419) 223-2196

**MINIMUM
ORDER
\$5.00**

FAIR RADIO SALES CO., INC.


100-0-100 DC VOLT
300-0-300 DC VOLT
SCALES WITH SHUNTS
AND INSTRUCTIONS
3 1/2" GE-DO-41RAA4
NEW \$4.95



500 MICROAMP DC
MOVE. FACE MARKED
"SET TO RED LINE"
LINE LEFT CENTER
MARKED "6 V" TOP
"150 V" BOTTOM.
3 1/2" ROUND SEALED, RUGGEDIZ.
TELECTRO TM-263.
#6625-255-0121 NEW \$6.95




425 MICROAMPE-
RES D.C. 4x4 1/2
SCALE, TOP 0-60
BOTTOM 0-3/15
60 MARKED ACV
DCV AND MILLI-
AMPERES.
P/O I-135E TEST SET, M-1
#P30033 USED \$6.95




GO - NO GO SCALE
FULL SCALE 1 MA.
3 1/2" RD. RUGGED-
IZED; MARION
MODEL HS3.
#5200 NEW \$5.95




PHASTRON
CLEAR PLASTIC
CASE 50 MICRO
AMP D.C. 0-5
SCALE 3 1/2"
#715-16-20
\$4.95 NEW




500 MICROAMPS.
D.C. RES. 300
OHM DC. 1 1/2" SQ.
1-3/8" MTG.
DEJUR MOD. 112
STK #3F3312-6.6
\$4.95




SELSYN METER
FOR CHECKING
LEAD AND LAG.
TERMINALS FOR
115 VOLT A.C.
AND FROM SEL
SYN. 4 1/2" DIA.
WESTON 543/245620 U \$6.95




MULTIMETER USED
TO TEST AIRCRAFT
CIRCUITS. FULL-
SCALE 100 UA.
1100 OHMS 10%
4x4 1/2x5 WT. 3 LBS
USAF-5200-474900
\$4.95



MICROMHOS DYNAMIC
MUTUAL CONDUCTANCE
USED IN I-177 TUBE
CHECKER BASIC 0-1.4
MA. HICKOK #1547A
STK # 3F1350 \$4.95



TV-2 REPLACEMENT
METER, 0-250
SCREEN VOLTS,
FS=1 MA. 2 1/2" RD.
SEALED. NEW \$5.95




DECIBELS

-10-0-6+ 6 MW
600 OHMS 2 1/2" RD.
WEST. CO. 2837
NEW \$4.95

-8 to 0 to +6 sc.
6 MILLIWATTS, 600
OHMS, 3 1/2"
RD. WESTON 301/21
USED \$3.95


-10 to 0 to -6 DB; 3 1/2" RD.
VARIOUS MFG. #6625-157-
7802 NEW \$4.95

POWER SET +6 to 0 to -3
2 1/2" RD. FS-200 UA, WA
1496/400 RUGG/SEAL U \$3.95




SHUNT

50 MV. 15 AMP
SIZE: 2x1 1/2x1 1/2
6625-810-6742
UNUSED \$2.50




VOLTS-AMPS-MILLI


U-i MA 3 1/2 IN WITH
SHUNTS & MULTI-
PLIER RESISTORS
PROVIDE RANGES
LISTED: 0-120
600 MA; 0-3, 12
30, 60 AMPS; 0-30, 60, 300, 1200
VDC. METER, SHUNTS, MULTIPLIER
RESISTORS MOUNTED ON TERMIN-
AL BOARDS, REMOVED FROM UN-
USED EQUIP. MSH99 \$14.95



0-500 MILLI-
AMMETER RF W/
THERMOCOUPLE.
3 1/2" RD. METER
IN 4 1/2x4 1/2x3 1/2
WOOD BOX.
BOX HAS 1" FLANGES FOR SUR-
FACE MOUNTING. WITH SO-239
TYPE CONNECTOR. ORIGINALLY
USED WITH A-68-A ANTENNAS
AND SCR-274 RADIO EQUIPMENT
WT: 3 LBS. UNUSED \$7.95




ROENTGENS
PER HOUR METER
50 MICROAMPERE
D.C FULL SCALE
3 1/2" RUGGEDIZED
REMOVABLE
PLASTIC LENSE,
BLACK FACE.
TOP SCALE 0-500, LOWER 0-10
#300-10764 UNUSED \$3.95




BALLENTINE
V.T.V.M.
METER
ONLY
AC VOLTS
1-10
DECIBELS
0-20
WESTON 643
4 1/2" OR EQ.
MFG. PT. NO. 205007 NEW
STK #6625-557-0899 \$8.95



OUTPUT METER
FOR TS-497B AND
TS-497C SIGNAL
GENERATORS.
300-0-300 DC
MICROAMPS. 3 1/2" RD.
MARION HS3, #5705 NEW \$7.95




EDGE-WISE METER
0-100 D.C. MA.
FULL SCALE 20 MA
2 1/2x3 1/2x3/4 FACE
INTERNATIONAL 1135ULB \$5.95



MATCHED METERS CHROME PLAT
ED 2 1/2" SQUARE, 2" HOLE MTG.
0-30 VOLTS DC #1046A-12
\$1.95


DC AMPERES 400-0-400 SCALE
INDUCTION TYPE MOVEMENT.
#1696-1B \$1.95



A.C. AMPERES

GE AC AMMETER 0-
125 SCALE 0-1 A
400 CYCLE MOVE. 2"
FS. #2319-6625-
649-1982 NEW \$3.95

0-5 AC AMMETER, 3 1/2" ROUND,
RUGGEDIZED; WESTON 1534
#6625-649-4076 NEW \$5.95



1016 E. EUREKA
BOX 1105, LIMA, OHIO 45802
TEL: AREA CODE 419 223-2196
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9:00 A.M. TO 5:30 P.M.
MONDAY THRU SATURDAY

TERMS

PRICES NET, F.O.B. LIMA, OHIO
SEND CASH, CHECK or MONEY
ORDER with PURCHASE ORDER.

MINIMUM ORDER \$5.00
Orders less than \$5.00
ADD \$1.00 HANDLING CHARGE

Include sufficient money for
shipping charges. (UNUSED
PAYMENTS RETURNED AT
ONCE.) Otherwise we will send
shipping charges collect.

C. O. D. ORDERS, SEND 25% of
PURCHASE with ORDER. BAL-
ANCE will be COLLECTED
UPON DELIVERY.

When writing for information
PLEASE state what specific
information you desire.


D.C. MICROAMPS.

0-200 D.C. MICRO-
AMPERES, 3 1/2"
ROUND. CENTER ADJ.
USTMENT. USED
WE #167807 \$4.95

0-200 DC MICROAMPERES, 3 1/2"
RD., RUGGEDIZED, MARION
HS3 #3981 NEW \$4.95

0-200 DC MICROAMPERES 2 1/2"
RD, PLAIN SCALE MARKED CAL-
IBRATE-ZERO. RES. 75 OHMS
#6625-504-2327 NEW \$4.95

CARRIER LEVEL
0-130 SCALE
FS= 130 UA DC
4 1/2" RD. RUGGED-
IZED; WESTON
MODEL 1541;
#1168 NEW \$8.95



D.C. AMPERES

0-50 DCA SC. REQ. 50 MV SH
3 1/2" RD. RUGED #8027 NEW \$9

0-5 DCA SC. 2 1/2" RD. RUGGED
WESTON 2521 #6485 NEW \$5.95

DC AMPERES, 50 MV MOVEMENT,
3 1/2" RD. SPECIFY SCALES.
0-80 DCA, SCALE 0-100 SCALI
0-1/5/25 SCALE/EACH \$6.95

0-5 DCA SCALE, 2 1/2" SQUARE,
EMICO RF2C-2202; #6625-909-
0433. NEW \$3.95


30-0-30 DCA PHASTRON RUGGED
50 MVDC MOVE. EXTERNAL SHUN
RFQ. 2 1/2" RD #1708 \$5.95

U-300 DCA 4 1/2" RD. STD.
FS-50 MV. #173030 NEW \$9

30-0-30 DCA PHASTRON RUGGED
50 MVDC MOVE. EXTERNAL SHUN
REQ. 2 1/2" RD #1708 \$5.95

0-450 DCA 1 1/2" SQ. RUGGED.
FS-50MV WESTON 1011 NEW \$6

0-3 DCA PHASTRON 2 1/2" RD.
RUGGED. #519-2000 \$5.95



D.C. MILLIAMPS

0-200 MADC SCALE, 2 1/2" ROUND
DEJUR S-210/MR25200DCMA
USED \$2.95

0-200 MADC SCALE, 3 1/2" ROUND
GE#00-41/CG-22063
NEW \$4.95

0-250 MA DC, FS=5 MA, 1 1/2"
SQ., VARIOUS MFG., #6625-
504-2250 SEALED NEW \$3.95

0-15 SCALE, FS=10 MA. DC,
2 1/2" RD. RUGGEDIZED, HONEY-
WELL, #0043 NEW \$3.95

0-80 MADC SCALE, 2 1/2" ROUND;
RUGGEDIZED; HICKOK OR MARION
MFG. #6625-539-8274
NEW \$4.95

0-5/10/50 GRID BIAS VOLT SC
0-1 MA. MOVE. D.C. RUGGEDIZI
VARIOUS MFG. #MEB-1001 \$3.95

0-10-500 SCALE, FS=1 MA DC
3 1/2" SQ., SIMPSON,
#6625-842-8885 NEW \$4.95

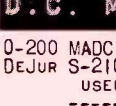
0-50 MADC SCALE, 3 1/2" ROUND
WESTON 301
USED \$4.95

0-25 MADC SCALE, 0-1 MA.
MOVE. RUGGEDIZED, BLK, FACE
WESTON #1521/GA-52832
USED \$4.95

3 1/2" ROUND RUGGEDIZED MA DC
METERS. NEW. SELECT RANGE:
0-100 MADC #4265 \$5.95
150-0-150 MADC #3498 \$5.95

0-100 DCMA 3 1/2" RD. RUGGED.
FS-100 #4265/8457 NEW \$7.95

0-750 DCMA SC/MOVE 1 1/2" SQ.
BL/PL FACE ROW/2015 NEW \$5.



D.C. VOLTMETERS

0-150 VAC 2 1/2" RD. STD.
USED GRO-3169 \$4.95

0-50 VAC 4-1/8x4-5/8 STD.
#6227 NEW \$9.95

0-3-10-30-100 VAC SCALES (4)
2 1/2" ROUND, RUGGEDIZED, SEAL
ED, FS=1.5 VAC #210-07231
UNUSED \$4.95

DC VOLTS, 50 MV MOVEMENT,
3 1/2" RD. SPECIFY SCALES.
0-80 DCA, SCALE 0-100 SCALI
0-1/5/25 SCALE/EACH \$6.95

0-5 DCA SCALE, 2 1/2" SQUARE,
EMICO RF2C-2202; #6625-909-
0433. NEW \$3.95

30-0-30 DCA PHASTRON RUGGED
50 MVDC MOVE. EXTERNAL SHUN
RFQ. 2 1/2" RD #1708 \$5.95

U-300 DCA 4 1/2" RD. STD.
FS-50 MV. #173030 NEW \$9

30-0-30 DCA PHASTRON RUGGED
50 MVDC MOVE. EXTERNAL SHUN
REQ. 2 1/2" RD #1708 \$5.95

0-450 DCA 1 1/2" SQ. RUGGED.
FS-50MV WESTON 1011 NEW \$6

0-3 DCA PHASTRON 2 1/2" RD.
RUGGED. #519-2000 \$5.95

0-200 MADC SCALE, 2 1/2" ROUND
DEJUR S-210/MR25200DCMA
USED \$2.95

0-200 MADC SCALE, 3 1/2" ROUND
GE#00-41/CG-22063
NEW \$4.95

0-250 MA DC, FS=5 MA, 1 1/2"
SQ., VARIOUS MFG., #6625-
504-2250 SEALED NEW \$3.95

0-15 SCALE, FS=10 MA. DC,
2 1/2" RD. RUGGEDIZED, HONEY-
WELL, #0043 NEW \$3.95

0-80 MADC SCALE, 2 1/2" ROUND;
RUGGEDIZED; HICKOK OR MARION
MFG. #6625-539-8274
NEW \$4.95

0-5/10/50 GRID BIAS VOLT SC
0-1 MA. MOVE. D.C. RUGGEDIZI
VARIOUS MFG. #MEB-1001 \$3.95

0-10-500 SCALE, FS=1 MA DC
3 1/2" SQ., SIMPSON,
#6625-842-8885 NEW \$4.95

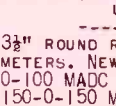
0-50 MADC SCALE, 3 1/2" ROUND
WESTON 301
USED \$4.95

0-25 MADC SCALE, 0-1 MA.
MOVE. RUGGEDIZED, BLK, FACE
WESTON #1521/GA-52832
USED \$4.95

3 1/2" ROUND RUGGEDIZED MA DC
METERS. NEW. SELECT RANGE:
0-100 MADC #4265 \$5.95
150-0-150 MADC #3498 \$5.95

0-100 DCMA 3 1/2" RD. RUGGED.
FS-100 #4265/8457 NEW \$7.95

0-750 DCMA SC/MOVE 1 1/2" SQ.
BL/PL FACE ROW/2015 NEW \$5.



A.C. VOLTMETERS

0-150 VAC 2 1/2" RD. STD.
USED GRO-3169 \$4.95

0-50 VAC 4-1/8x4-5/8 STD.
#6227 NEW \$9.95

0-3-10-30-100 VAC SCALES (4)
2 1/2" ROUND, RUGGEDIZED, SEAL
ED, FS=1.5 VAC #210-07231
UNUSED \$4.95

DC VOLTS, 50 MV MOVEMENT,
3 1/2" RD. SPECIFY SCALES.
0-80 DCA, SCALE 0-100 SCALI
0-1/5/25 SCALE/EACH \$6.95

0-5 DCA SCALE, 2 1/2" SQUARE,
EMICO RF2C-2202; #6625-909-
0433. NEW \$3.95

30-0-30 DCA PHASTRON RUGGED
50 MVDC MOVE. EXTERNAL SHUN
RFQ. 2 1/2" RD #1708 \$5.95

U-300 DCA 4 1/2" RD. STD.
FS-50 MV. #173030 NEW \$9

30-0-30 DCA PHASTRON RUGGED
50 MVDC MOVE. EXTERNAL SHUN
REQ. 2 1/2" RD #1708 \$5.95

0-450 DCA 1 1/2" SQ. RUGGED.
FS-50MV WESTON 1011 NEW \$6

0-3 DCA PHASTRON 2 1/2" RD.
RUGGED. #519-2000 \$5.95

0-200 MADC SCALE, 2 1/2" ROUND
DEJUR S-210/MR25200DCMA
USED \$2.95

0-200 MADC SCALE, 3 1/2" ROUND
GE#00-41/CG-22063
NEW \$4.95

0-250 MA DC, FS=5 MA, 1 1/2"
SQ., VARIOUS MFG., #6625-
504-2250 SEALED NEW \$3.95

0-15 SCALE, FS=10 MA. DC,
2 1/2" RD. RUGGEDIZED, HONEY-
WELL, #0043 NEW \$3.95

0-80 MADC SCALE, 2 1/2" ROUND;
RUGGEDIZED; HICKOK OR MARION
MFG. #6625-539-8274
NEW \$4.95

0-5/10/50 GRID BIAS VOLT SC
0-1 MA. MOVE. D.C. RUGGEDIZI
VARIOUS MFG. #MEB-1001 \$3.95

0-10-500 SCALE, FS=1 MA DC
3 1/2" SQ., SIMPSON,
#6625-842-8885 NEW \$4.95

0-50 MADC SCALE, 3 1/2" ROUND
WESTON 301
USED \$4.95

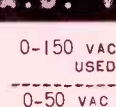
0-25 MADC SCALE, 0-1 MA.
MOVE. RUGGEDIZED, BLK, FACE
WESTON #1521/GA-52832
USED \$4.95

3 1/2" ROUND RUGGEDIZED MA DC
METERS. NEW. SELECT RANGE:
0-100 MADC #4265 \$5.95
150-0-150 MADC #3498 \$5.95

0-100 DCMA 3 1/2" RD. RUGGED.
FS-100 #4265/8457 NEW \$7.95

0-750 DCMA SC/MOVE 1 1/2" SQ.
BL/PL FACE ROW/2015 NEW \$5.

HONEYWELL MM2
MILLIAMMETERS;
2 1/2" FAN STYLE,
PLASTIC CASE,
NEW \$5.95 EACH
0-15 MA DC, ORDER #7993
0-150 MA DC, ORDER #9015



D.C. VOLTMETERS

WESTON 2 1/2" RD. RUGGEDIZED
0-30 VOLTS DC #1521 \$7.95
0-50 VOLTS DC #2521 \$7.95

0-30 VDC SC. 200 MUA MOVE
3 1/2" RUGG. #527-3097 \$6.95

0-50 VDC 3 1/2" RD. RUGG/STD
6380 OR EQ. \$6.95

0-75 VDC SCALE, 3" RD. PROJ
ECTION TYPE, WESTON 301
1000 OHMS PER V. #248-7207
NEW \$5.95

0-1.5 VDC SCALE, 2 1/2" ROUND
PHASTRON, RUGGEDIZED #683-
9729 UNUSED \$4.95

0-500 VDC SCALE, 3 1/2" SQUARE
HONEYWELL #231-1624
UNUSED \$5.95

0-5 KVDC 3 1/2" RD. RUGGEDIZED
FS-1 MA. #F1500-13 \$8.95

0-500 VDC 2 1/2" RD RUGGEDIZEI
FS-50 MUA #683-9829 \$5.95
FS-1 MA. #MR26W500 \$5.95

0-100 VDC SCALE, 3 1/2" ROUND
FS=100 V. BURLINGTON #431/
MR35W Used \$4.95

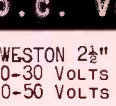
0-500-1000 VDC, FS-500 VOLTS
3 1/2" RD. RUGGEDIZED, WA
CLINE #6625-842-9705 NEW \$6.95

0-150 VDC, 3 1/2" ROUND,
HOYT No. 17-L, UNUSED \$4.95

0-300 VDC SCALE; 2 1/2" ROUND.
RUGGEDIZED, BLACK FACE.
WACLINE 82056 NEW \$4.95

0-1000 VDC 2" sq. STD. w/
1000 OHM RES. TRIPOLET #
227-T NEW \$8.95

AC VOLTS PORTABLE
0-15 & 50 SCALES
SUP #1550 USED \$15



OIL - TEMP
INDICATORS
DUAL MOVE-
MENT & COIL
W/8 RES. IN
SERIES/PARA
LEL, 280 MU
AMP AT PLUG

150 MUA MOVE. POINTERS
CAN MADE TO READ UP/DOWN
DEPENDS HOW WIRED. EXPER-
IMENTER ITEM FOR MULTI-
CHANNEL STEREO USE.
GRO-24 USED \$2.95



R.F. AMMETERS


0-100 SCALE, FS=
1.2 MA. 2 1/2" ROUND
VARIOUS MFG.
USED \$2.95
NEW \$3.95

0-5 R.F. 2 1/2" RD. WESTON
RING MTG. #8314 NEW \$6.95

0-10 R.F. 3 1/2" RD. 25CYC TO
20 MC. WEST. 4157 NEW \$15

0-15 R.F. 3 1/2" RD. 25-CYC-
20 MC. WEST. 0159 NEW \$15

A-61 ANTENNA
DUMMY LOAD
WITH 2 1/2" RD.
0-5 RF AMME-
TER. RES: 5
OHMS, CAP:
.0001 MFD.,
POWER RATING: 50 WATTS.
ALUMINUM CASE w/MOUNTING
RACK. SIZE: 7x5 1/2x2 1/2 WT: 3LB
PRICE: USED \$6.95



DC VOLTMETERS

- 0-1 VDC SCALE 2 1/2" RUGGEDIZED FS-1V. NEW # 0887 \$5.95
- 0-10 VDC SC. 1 1/2" SQ. RUGGED FS-50 MV. NEW #0768 \$4.95
- 0-10 VDC SC. 2 1/2" RD. RUGGED NEW #2979 \$5.95
- 0-5-10-20 VDC SC. 2 1/2" PLAIN 500 U A FS. NEW #0250 \$4.95
- 0-10 VDC 2 1/2" RD. RUGGEDIZED #9923 NEW \$5.95
- 0-30 VDC. AIRCRAFT TYPE, 2" SQ. AN3203/4782 NEW \$15.00
- 0-30 VDC SC. 3 1/2" RD. RUGGED #3097 NEW \$8.95
- 0-80 VDC SC. 3 1/2" RD. PLAIN 1000 OHM P/V #8142 N \$6.95
- 0-100 VDC SC. 2 1/2" RD. RUGGED #9545 NEW \$5.95
- 0-200 VDC SC 2 1/2" RD. RUGGED #4197 NEW \$5.95
- 0-200 VDC SC 3" RD. PLAIN 250 OHM P/V WESTON 301 \$7
- 0-300 VDC SC 3" RD. PLAIN 1000 P/V WESTON 301 U \$7
- 0-2 KVDC SC. 2 1/2" SQ. PLAIN 1000 P/V #9743 NEW \$6.95
- 0-4 KVDC SC. 3" RD. PLAIN 1 MA. FS. WESTON 301 U \$7
- 0-5 KVDC SC. 3" RD. RUGGED 1 MA FS. #5733 NEW \$7.95
- 0-8 KVDC SC. 3" RD. RUGGED 1 MA FS. #9415 NEW \$7.95
- 0-20 KVDC SC. 4x4 1/2" PLAIN 1000 P/V WESTON #9085 \$12
- 0-8 KVDC SC. 4 1/2" RD. RUGGED 1 MA. FS. #3239 \$12
- 0-750 VDC SC. 4x4 1/2" GREY SWBD TYPE 1000 OHMS PER V. WESTON 610 #1505 NEW \$25.

AC VOLTMETERS

- 0-3 VAC 3" RD. SUB-PANEL MT 1000 P/V 2F8003-11 NEW \$7.95
- 0-7.5 VAC 3" RD. NOT-RUGGED WEST#CAY22237 N. \$6.95
- 0-10 VAC 2 1/2" SQ. ST. TYPE. ROUND WESTON 517 N. \$5.95 SQUARE " " N. \$5.95
- 0-15 VAC 3" SQ. ST. TYPE. WESTON 476 N. \$7.95
- 0-20 VAC 2 1/2" RD. RUGGEDIZED #756-1866 N. \$6.95
- 0-50 VAC 3 1/2" RD. ST. TYPE WESTON 476R UN. \$7.95
- 0-50 & 0-300 VAC SC. ST. TY 2 1/2" SQ. #6783 N. \$6.95
- 0-150 VAC SC. 3 1/2" RD. STD. #GR04071 USED \$7.95
- 0-200 VAC SC. 3 1/2" RD. RUGGED. 1000 P/V #0747 NEW \$9.95
- 0-750 VAC SC. 2" SQ. ST. T FS-30 VAC #088-0476 N. \$5.95



TRIO ELECTRONIC A.C. VOLTMETER MODEL 142-1608 3 1/2" RD. 4 1/2" DEEP #6625-984-2613
USED \$14.95 NEW \$22.95

DC MILLIAMMETERS

- 0-1 DCMA SC. 1 1/2" SQ. MR13V001DCMA N. \$4.95
- 0-1 DCMA SC. 1 1/2" RD. SINGLE HOLE MTG. INTERNAT. #100V NEW \$4.95
- 0-1 DCMA SC. 2 1/2" RD. RUGGED #4079 NEW \$6.95
- 0-1 DCMA SC. 3 1/2" RD. RUGGED #3228 NEW \$8.95
- 0-1 DCMA SC. 2 1/2" SQ. #0659 NEW \$6.95
- 0-1.5 DCMA SC. 3 1/2" RD. STD. MR34W1R5DCMA USED \$6.95
- 0-2 DCMA SC. 2 1/2" RD. STD. MR26V002DCMA NEW \$6.95
- 0-2 DCMA SC. 3 1/2" RD. RUGGED #4078 NEW \$8.95
- 0-3 DCMA SC. 3 1/2" RD. RUGGED #4081 NEW \$8.95
- 0-10 DCMA SC. 1 1/2" RD./SINGLE HOLE/MTG. FS=1MA #7693 \$3.95
- 0-10 DCMA SC. 3" SQ. STAND. FS=10 MA. #7527 NEW \$8.95
- 0-10 DCMA SC. 1 1/2" SQ. WHITE FACE FS=1 MA #3538 N \$4.95
- 0-15 & 0-50 DCMA SC. 3 1/2" RD. RUGGED, FS=50 U A, MARKED VOLTS/MA #7484 NEW \$8.95
- 0-50 DCMA SC. 3 1/2" RD. STD. #GR0-50 USED \$6.95
- 0-100-DCMA SC. 3 1/2" SQ. STD. #7474 NEW \$6.95
- 0-100 DCMA SC. 2 1/2" RD. STD. 1.2 MA FS 3F910-7 NEW \$3.95
- 0-150 DCMA SC. 3 1/2" RD. STD. CAY22061 USED \$5.95
- 0-150 DCMA SC. 3 1/2" RD. STD. #3088 NEW \$7.95
- 0-300 DCMA SC. 3 1/2" RD. STD. #GR0-300 USED \$6.95
- 0-500 DCMA SC. 3 1/2" RD. STD. #GR0-500 USED \$6.95
- 0-200 SC. MARKED PLATE, GRID BATT. BLK. FACE, FS=1MADC. 2 1/2" RD. ART-13/M-102 U \$4.95
- 0-200 DCMA 2 1/2" RD. BLK. FACE FS=200MA. TCS458N0710 U \$4.95

FREQ. METERS



- 48 TO 52 & 58 TO 62 CYCLES PER SECOND, 3" RD. JRT 30F OR EQUAL. 100 TO 130 VOLTS #5679 NEW \$19.95
- 380 TO 420 CYCLES PER SEC. 3 1/2" RD. 100-130 V. JRT 33-FHXX-SERA #5877 NEW \$24.95
- 380 TO 420 CYCLES PER SEC. 2" RD. 100-150 V. FRAHM #2896 #3702 NEW \$22.95
- 0-50 DCMA EDGE-WISE 1X3 1/2 X 3. IDEAL #458-0667-00 NEW \$4.95
- "V-U" 75-0-75 MICROAMP DC 1" SQ. JAPAN SN-871 \$1.50

DC AMMETERS

- 0-2 DCA SC. 3" SQ. STAND. WESTON 731 #1750 NEW \$8.95
- 0-300 DCA SC. 4 1/2" RD. RUGGED FS-50 MV #8795 NEW \$14.95
- 0-1500 DCA SC. 3 1/2" RD. STAND. FS=50 MV #3376 NEW \$7.95
- 15-0-15 DCA SC. 3 1/2 X 3 1/2" SQ. STAND. FS=30 A. #8731 U \$5.
- 25-0-25 DCA SC. 3 1/2" RD. STAND. #5988 NEW \$7.95
- 50-0-50 DCA SC. 3 1/2" RD. RUGGED 100 U A = FS #2182 NEW \$8.95

AC AMMETERS

- 0-1 ACA SC. 2 1/2" RD. ST. TY WESTON 517 U. \$4.95
- 0-1.5 ACA 3 1/2" RD. STD. #MR36W1R5ACAA NEW \$9.95
- 0-2 ACA SC. SPECIFY TYPE WESTON 476 3" SQ. U \$6.95 " " 3 1/2" RD. U \$6.95
- 0-20 ACA SC 2 1/2" RD. STD. TRIP-3211/34 USED \$4.95
- 0-3 ACA 3 1/2" RD. STD. SCALE LOW/NORM/OVER T-600 \$6.95
- 0-150 ACA SC. 3 1/2" RD. STD. TRANS. REQ. #3974 N. \$6.95
- 0-200 ACA SC. 3 1/2" RD. STD. FS=5 A. #9710 N. \$7.95
- 0-125 ACA SC. 60 CPS. FS=5A 0-150 ACA SC. 50 CPS. FS=5A 3 1/2" RD. RUGGED. #9105 N \$9.95
- 0-25 AC MA SC. 3 1/2" RD. STD. TRIPOLET 331S U \$8.95
- 0-50 AC MA, SC. 3 1/2" RD. STD. WESTON 476 U. \$9.95
- 0-250 & 0-500 ACA SC. 3 1/2" R FS=5 A. #4047 N. \$7.95

RF AMMETERS

- 0-2 R.F. 2 1/2" RD. WH. FACE ST CG-22020 NEW \$7.95
- 0-3 R.F. 2 1/2" RD. STD. BL. FA #TCS-457N114 USED \$5.95
- 0-5 R.F. 2 1/2" RD. STD. BL. FA #ART-13/M-101 USED \$5.95
- 0-5 R.F. 3 1/2" RD. STD. WHITE #MR35W005RFAA USED \$7.95
- 0-15 R.F. 3 1/2" RD. STD WHITE MR35W015RFAA USED \$9.95

MULTIMETERS

- PIC #1 SCALES: OHMS 0-INFL. DCV 0-15, ACV 0-50, PP 0-40 0-150 DB-10-0-50 FS=200 U HEATH VTVM #407-62 N \$18
- PIC #2 SCALE #1 5MA TO 0 #2 0-150 FS=750 U A 4x4 1/2" SQ #202130-139 FSN0562 N \$15
- PIC #3 SCALES OHMS 0-1000 VDC 0-3/0-10, VAC 0-30/0-10 4 1/2" X 4 1/2" #0752 NEW \$15
- 1-176 TEST UNIT METER FOR MULTIMETER #8347 NEW \$15.

METERS

WE PROBABLY HAVE THE LARGEST STOCK OF SURPLUS PANEL METERS IN THE COUNTRY. IF YOU DON'T SEE WHAT YOU WANT LISTED, WRITE DESCRIBING YOUR REQUIREMENTS. IF YOU DESIRE A REPLACEMENT METER, PLEASE INDICATE ALSO THE PIECE OF EQUIPMENT IN WHICH THE METER IS TO BE USED. WE JUST MIGHT HAVE WHAT YOU NEED.



METER WITH DUAL 0-3 x100A SCALE FOR USE WITH 50 MV SHUNT; 2" RD. 4 1/2" DEEP. SINGLE HOLE MTG. VOLTRON MODEL 12A933A; #6976 PRICE: NEW \$25.00

METER WITH 0-10 "FAULT/OK/FALT" ON SCALE A; SCALE B "OK/FAULT/CAL." FS=50 MA-DC. 1 1/2" SQ. #7392 NEW \$5.00

METER, FIRST SCALE HAS 16 DIV., SECOND READS "LO/HI", THIRD "INPUT V." FS=50 MA-DC; 1 1/2" SQ. #1076 NEW \$5.

0-10 DCMA SCALE, 1 1/2" SQ. FS=1 MA. SEALED, #3538 PRICE: NEW \$5.00

0-100 DCV 1 1/2" SQ #2345 \$8

0-100 SCALE FS=200 UADC 1 1/2" SQ. #9400 \$8

100-0-100 DCA 50-0-50 MV SH REQ. 1 1/2" SQ. #2347 \$8

0-15 V & 0-100 MA. SCALES. FS=1 MA. 1 1/2" SQ. #7827 \$8

0-125 ACA SC. 60 CPS. FS=5A 0-150 ACA SC. 50 CPS. FS=5A 3 1/2" RD. RUGGED. #9105 N \$9.95

0-25 AC MA SC. 3 1/2" RD. STD. TRIPOLET 331S U \$8.95

0-50 AC MA, SC. 3 1/2" RD. STD. WESTON 476 U. \$9.95

0-250 & 0-500 ACA SC. 3 1/2" R FS=5 A. #4047 N. \$7.95

0-150 ADC 3 1/2 X 3 1/2" FS=50 MV. HOYT 607 #8397 NEW \$9.95

KILOHMS SCALE 10-1 & 0-1 FS=1MADC 3 1/2" #1213 N \$8

100 A-AMMETER FULL SCALE; WITH 0-1.0 AND 0-3 MIRRORED SCALES. 4 1/2 X 4 1/2" SIMP-SON #6963-2. NEW \$9.95

WESTON PORTABLE A.C. AMMETER, 0-5 & 0-15 MIRRORED SCALE; 25 TO 500 HZ MODEL 433. #6625-187-1785, RE-NEW \$45.00

DB METER -12 TO +8, 100U A FS. 3 1/2" RD. BLK. FACE RUG. WAC MODEL AED #4586 N \$8.95

DB METER -20 TO +6 FS=192 U A 3 1/2" RD. CLEAR PLASTIC CASE, TRIP321L #5367 N \$8.95

DB METER -30 TO +70 FS=50 U A 2 1/2" RD. STD #4680 N \$6.

DB METER -20 TO +3 FS-199 U A 2 1/2" RD #GA50934 U \$3.95

SIMPSON

Wide-Vue

- 0-100 DC AMPS 4 1/2 X 4 1/2 6317 \$15
- 100-0-100 DCA 3 1/2" SQ 6775 \$10
- 0-50 & 0-150 DCMA SCALE 3 1/2" SQ. #5902 \$10.00
- 0-50 DCMA 3 1/2" SQ. #1080 \$10
- 0-3 AC AMPERES 3 1/2" #7832 \$15

0-500 MA/AC 3 1/2" #6775 \$15

50-0-50 DC-MA 3 1/2" #4739 \$15

0-6 DC AMPS 2 1/2" #8678 \$10

0-5 DCA 2 1/2 X 2 1/2" NEW-DESIGN #2403 PIC.#1 NEW \$12.95

AUTOMOTIVE TYPE PIC. #3 -15-0-15A 2" RD. AMPERES #6625-542-0893 NEW \$2.95

-30-0-30 AMPERES 2" RD. 6625-217-9014 NEW \$2.95

0-30 VDC PANEL METER; MOUNTS INTO 2 1/2" HOLE. OVERALL: 4 1/2 X 4. API 428-2837 RI #6304 NEW \$16.95

0-30 VDC PANEL METER; MOUNTS INTO 2 1/2" HOLE. OVERALL: 4 1/2 X 4. API 428-2837 RI #6304 NEW \$16.95

WIRE

- #18 16/30 VINYL CVRD. HOOK-UP WIRE, \$2.25 PER 100 FT. \$16.00 PER 1000 FT.
- #20 10/30 VINYL CVRD. HOOK-UP WIRE, \$1.75 PER 100 FT. \$11.00 PER 1000 FT.
- ONE PAIR TWISTED #24 7/32 VINYL CVRD. BELL WIRE \$2.00/100 FT. \$15.00/1000 FT.
- AIRCRAFT TYPE WIRE, NYLON BRAID COVERING 600 VAC 200°
- #22 STRANDED SILVER COATED WIRE & SHLD. \$4.50/100 FT. \$35.00/1000 FT.
- 2/22 STRANDED SILVER COATED WIRE & SHLD. \$6.00/100 FT. \$50.00/1000 FT.
- TINNED COPPER FLAT BRAID, 3/8" WIDTH \$1.10/FT. 3/8" WTH. \$2.20/FT. 3/4" LENGTH. \$1.50
- TINNED COPPER LUBULAR-BRAID, SPIRAL STEEL CENTER, 3/8" DIA. \$1.30/FT. 9 FOOT LENGTH \$2.00; 5/8" DIA. \$1.50 PER FOOT.

BC & ARC COMMAND SETS

THE COMMAND SET SERIES OF TRANSMITTERS AND RECEIVERS HAVE BEEN POPULAR FOR MANY YEARS ON THE SUPPLUS MARKET.

THE SERIES CONSISTS OF SEVERAL SEPERATE UNITS COVERING THE FREQUENCY RANGE OF 190 KC TO 9.1 MC FOR THE RECEIVERS AND 2.1 TO 9.1 MC FOR THE TRANSMITTERS.

IF YOU ARE NOT FAMILIAR WITH THE CONVERSION OF THIS EQUIPMENT IT IS SUGGESTED THAT YOU PURCHASE CONVERSION MANUAL COVERING THE SET.

CQ SURPLUS CONVERSION MANUAL, WHICH INCLUDES COMMAND SETS IS AVAILABLE FROM US FOR \$4.50 (FOR OTHER CONVERSION MANUALS SEE PAGE 21)



THE RECEIVERS ARE SIX TUBE SUPERHETERODYNE WITH THE FOLLOWING TUBE LINE-UP; 1/12A6, 1/12K8, 3/12SK7 & 1/12SR7.

DESIGNED TO OPERATE WITH THE USE OF A DM-32 24 VOLT D.C. DYNAMOTOR WITH AN OUTPUT VOLTAGE

OF 250 VDC @ 60 MA. ALSO REQUIRES 24 VOLTS FOR FILAMENTS. THE SET WAS TUNED FROM A REMOTE POSITION BY THE USE OF A FLEXIBLE SHAFT AND CONTROL BOX. SIZE: 5x5x11; WT: 12 LBS.

R-23/ARC 190 TO 550 KHz USED \$16.95

R-26/ARC 3.0 TO 6.0 MHz USED, \$15.95

R-25/ARC 1.5 TO 3.0 MC UNUSED \$22.95

R-28/ARC-5 100 TO 156 MC CRYSTAL CONTROL ON FOUR PRE-SET CHANNELS WITH 24 VDC MOTOR, NOT CONTINUOUS TUNING. USES SAME VOLTAGE BUT DIFFERENT TUBES. SEE CONVERSION MANUAL FOR DETAILS TO MAKE CONTINUOUS TUNING. USED \$18.95

THE TRANSMITTERS WITH PROPER USE CAN PUT OUT 50 WATTS CW AND 30 WATTS ON PHONE. MODULATION IS OBTAINED FROM SEPARATE UNITS, BC-456 FOR SINGLE TUBE MOD. AND MD-7 FOR PUSH-PULL MOD. THE DM-33 DYNAMOTOR IS USED TO SUPPLY THE VOLTAGES AND IS MOUNTED ON



THE MODULATOR. VOLTAGES REQUIRED 575-600 VDC @ 175-200 MA. AND 24 VOLTS. WITH TUBES 2/1625 & 1/1626 & 1/1629 MAGIC EYE TUBE FOR TUNING AND CRYSTAL FOR CALIBRATION. SIZE: 5x7x12; 12LB

T-20/ARC-5 4.0 TO 5.3 MC Used \$6.95

T-21/ARC-5 5.3 TO 7.0 " " 6.95

T-23/ARC-5 100 TO 156 MC AM USING 832 TUBES (2) AND 1625 (2), FOUR PRE-SET CRYSTAL CONTROL CHANNELS. COMPANION TO R-28 REC. FOR CONVERSION SEE CQ MANUAL. \$24.95

BC-456 MODULATOR FOR USE WITH COMMAND TRANSMITTERS. SINGLE TUBE MODULATION WITH TUBES 1/1625, 1/12J5GT AND 1/VR-150. HAS PROVISIONS FOR MOUNTING DM-33 DYNAMOTOR. SIZE: 7x8x10; WT: 11 LBS. UNUSED \$9.95

MD-7/ARC-5 MODULATOR SAME AS BC-456 ONLY USES 2/1625 TUBES IN PUSH-PULL FOR 40 TO 60 WATTS. USED L/COVER \$9.95

COMMAND RECEIVER AC POWER SUPPLY SEE PAGE 20

SPIN TUNING KNOB FOR RECEIVERS	\$1.50
DM-32 DYNAMOTOR 24 V FOR REC. UNUSED	4.95
35x032 " 12 V " " "	4.95
C-26/ARC CONTROL BOX FOR ONE REC. USED	\$2.50
BC-496 " " " TWO " "	\$1.00
BC-450 " " " THREE " "	2.50
BC-451 " " " ONE TRANS. " "	1.95
BC-473 " " " ONE REC. " "	\$2.50

CONNECTOR PLUGS F/REC. OR TRANS. " 1.50

FLEXIBLE SHAFTS MC-215 FOR COMMAND EQUIPMENT 6 FT. \$1.50 EACH ADDITIONAL FT. 25¢ EXTRA.

DYNAMIC SPEAKER FROM R-49/TRC-8; 3 1/2" DIA. CONE; PM; ONE WATT NORMAL, 2 WATTS PEAK. 4-OHM IMPED. OVERALL SIZE: 4x4x2 1/2; WT: 3 LBS. PRICE: \$5.95



RECEIVER-TRANSMITTER

BC-669 RADIO RECEIVER AND TRANSMITTER, FREQ.

RANGE FROM 1680 TO 4450 KC. OPERATING

RANGE IS 20-30 MILES

FROM FIXED STATIONS AND

15 MILES FOR MOBILE ONES,

DEPENDING UPON ENVIRONMENTAL CONDITIONS. THE

TRANSMITTER SECTION WITH

AN OUTPUT OF 45 WATTS,

SENDS VOICE MODULATED SIG-

NALS, WHILE THE RECEIVER

IS OF THE SUPERHETERODYNE TYPE, DETECTING

BOTH VOICE MODULATED AND TONE MODULATED

C-W TELEGRAPH SIGNALS. HAS SIX CRYSTAL-CONTROLLED

FREQUENCIES WHICH MAY BE PRESET FOR

TRANSMISSION AND RECEPTION. MANUAL CONTROL

FOR RECEIVING IS ALSO PROVIDED. WITH TUBES

6H6, 6J5, 6K6, 5/6L6, 6SA7, 3/6SK7, 12J5,

AND 2/807. POWER SUPPLY REQUIRED 115V. AC

60 CYCLE (PE-110). SIZE: 18x21x13

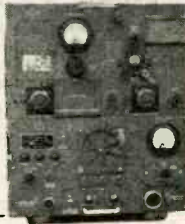
WT: 150 LBS. PRICE: USED NEED WORK, \$39.95

PE-1100 115V. AC POWER SUPPLY FOR BC-669;

WT: 100 LBS. PRICE: \$30.00 UNUSED

RM-21 CONTROL BOX FOR REMOTE OPERATION OF

BC-669, WT: 8 LBS. PRICE: \$3.95



BROADCAST RECEIVER



R-22 RECEIVER 550 TO 1500 KC AM, ONE BAND CONTINUOUS TUNING, NO DIAL (SEE BELOW FOR CONTROL BOX) WITH TUBES 2/14A7, 1/14S7, 1/14R7, 1/14F7 AND 1/12A6. VOLTAGES REQUIRED 250-290 VDC @ 50-90MA. AND 24 VOLTS. SIZE: 6 1/2x5x11 1/2; WT: 10 LBS. PRICE: NEW \$22.50

CONTROL BOX FOR RECEIVER WITH ADAPTER THAT CAN BE USED ON ANY RECEIVER OF THIS TYPE.

SCALE WILL HAVE TO BE CHANGED

CONTROL BOX WITH ADAPTER \$4.95



CV-431/AR CONVERTER

THIS TRANSVERTER IS A

COMBINED TRANSMITTER

AND RECEIVER CONVERTER.

THE TRANSMITTER

PORTION FUNCTIONS AS

AN INDEPENDENT TRANSMITTER

ON A FREQUENCY RANGE

OF 228 TO 258 MC; IT DOES NOT

REQUIRE THE USE OF ANY

VHF COMPONENT FOR TRANSMISSION.

THE CONVERTER SECTION CONVERTS RECEIVED SIGNALS

IN THE RANGE OF 228-258 MC TO 118-148

MC AFTER MIXING WITH A 110 MC CRYSTAL OSCILLATOR

AND REQUIRES THE USE OF A VHF RECEIVER FOR

RECEPTION. HIGH VOLTAGE FOR THE TRANSVERTER

IS SUPPLIED BY THE DYNAMOTOR WHICH IS MOUNTED

ON THE RECEIVER AND HAS AN OUTPUT OF 250 VDC

60 MA. THE TRANSMITTER IS 8 CHANNEL CRYSTAL

CONTROLLED, VOICE AM CIRCUIT DESIGNED FOR

AIRCRAFT TO GROUND COMMUNICATION AND USES

4/5763, 1/6201 AND 1/5763 TUBES. POWER OUTPUT

0.5 WATT AT AN ALTITUDE OF 5000 FT. WITH A

RANGE OF APPROX. 60 AIR MILES.

SIZE: 5 1/2x11 1/2x4 1/2; WT: 9 LBS.

PRICE: USED SERVICEABLE WITH TUBES \$7.95



R-15/R-509 RECEIVER VHF 108-

135 MC. AM. CONTINUOUS TUNING

NO DIAL ON REC. DESIGNED FOR

REMOTE USE, 15 MC. I.F. REQ.

24-28 V. FOR FILAMENTS AND

250 VDC 60 MA. HV. HAS FACILITY

F. MTG. DYN. ON REAR, AS

D-10/DM-32 ETC. W/TUBES 14A7, 14F7, 12A6, 9002, 2/14R7, 9003

R-15 NO SQUELCH USED \$16.95

R-509 w/ SQUELCH " \$19.95



BC-348 RECEIVER

A.M. SIX BANDS

200-500 KC & 1.5

-18 MC. CRYSTAL

PHASING, ANTENNA

ALIGN, BEAT OSC.,

& AUDIO GAIN CONTROLS,

VERNIER & TUBES

SPEED TUNING, AVC, M.V.C, PHONE AND C.W. PHONE & SPEAKER JACKS. LARGE ILLUM. DIAL.

TUBE COMPLEMENT WILL VARY ACCORDING TO MODEL

LESS DYNAMOTOR. VOLTAGES REQUIRED: 220 VDC

@ 70 MA. & 24 VDC. SIZE: 18x10x9 1/2; WT: 40 LB

PRICE: USED, CHECKED \$89.95 NOT CHECKED \$60

DM-28 DYNAMOTOR 28 VDC USED \$4.95

115 VAC POWER SUPPLY W/SPEAKER \$23.00

FT-154 SHOCKMOUNTING \$2.75

PL-103Q PLUG FOR REAR OF RECEIVER \$2.50



AIRCRAFT RADIO RECEIVER

108-135 MHz, FACILITIES

AVAILABLE FOR USE VOICE,

VOR, VAR, AMP-LOC, CONTINUOUS

TUNING, NO DIAL ON

REC., DESIGNED FOR REMOTE

USE. FOR TUNING LOCAL

SEE ADAPTER DESCRIBED

ELSEWHERE ON THIS PAGE.

WITH TUBES 3/9003, 1/9002, 2/14R7, 1/14A7, 1/14F7

& 1/12A6. POWER REQ. 28 VDC & 250 VDC 60 MA. OR

DYNAMOTOR D-10/DM-32 OR EQUAL.

SIZE: 6 1/2x5x11 1/2; 10 LBS. R-445/ARN-30 USED \$19.95



R-130 SIGNAL GENERATOR;

100-156 MHz WITH 1000 HZ

TONE MODULATED

SIGNAL, M.O. AND

CRYSTAL CONTROL

IN 5 STEPS, VARIABLE

TUNING OVER ENTIRE RANGE WITH

SEPARATE TUNING OF CRYSTAL OSC. CIRCUIT.

WITH TUBES 2/9002 & 3/9003. POWER REQUIRED

135 VDC AND 6 V.

SIZE 19x9 1/2x7 1/2; WT: 27 LB. PRICE: USED \$24.95

R.F. COAXIAL OUTPUT CONNECTOR PL-173 \$1.50

POWER INPUT CONNECTOR PL-177 \$1.50

VHF RECEIVER-TRANSMITTER

VHF TRANSMITTING AND

RECEIVING EQUIPMENT

AM 100 TO 156 MC.

CRYSTAL CONTROL ON 4

PRESELECTED CHANNELS

IN THE RANGE SPECIFIED.

R-28/ARC-5 RECEIVER

(SHOWN ON THE LEFT)

CRYSTALS ARE INSERTED

IN THE FRONT OF THE SET

BEHIND THE ACCESS DOOR, FREQ. DIAL AND SQUELCH

ADJ. ARE ALSO ON THE FRONT. SELECTION OF CHANNEL

IS DONE REMOTELY WITH THE USE OF THE C-30

/ARC-5 CONTROL UNIT WHICH IS AVAILABLE SEPARATELY.

WITH TUBES 4/717, 3/12SH7, 2/12SL7 & 12A6

VOLTAGES REQUIRED 24/28 VDC FOR RELAYS AND

SELECTOR MOTOR ETC. 250 VDC & 60 MA. HIGH V.

DM-32 DYNAMOTOR CAN BE USED ON THE REAR OF

THE SET FOR THE HIGH VOLTAGE.

(FOR VARIABLE TUNING SEE SURPLUS CONVERSION

MANUAL VOLUME III PRICE \$3.50)

SIZE: 14x7 1/2x4 1/2; WT: 16 LBS. USED \$18.95

T-23/ARC-5 TRANSMITTER (SHOWN TO THE RIGHT)

THE OUTPUT OF THIS UNIT AS DESIGNED IS APPROX

10 WATTS HIGHER OUTPUT CAN BE OBTAINED AS IT

HAS (2) TWO 832 TUBES AND TWO 1625'S. THE AUDIO

POWER FOR MODULATING IS FURNISHED BY THE MD-7/

ARC-5 MODULATOR WHICH IS AVAILABLE SEPARATELY.

FREQ. CHANNEL SELECTION IS MADE BY USE OF THE

C-30 CONTROL UNIT WHICH IS AVAILABLE SEPARATELY

VOLTAGES REQ. 24/28 VDC FOR RELAYS & SELECTOR

MOTOR ETC. APPROX 600 VDC @ 175 MA F/HIGH V.

SIZE: 15 1/2x8 1/2x5 1/2; WT: 15 LBS. RE-NEW \$24.95

MD-7 MODULATOR; PUSH-PULL MODULATOR DESCRIBED

ON PAGE 4 OF OUR REGULAR CATALOG RE-NEW \$12.00

RECEIVER

R-11A RECEIVER 190-550 KC

ONE BAND, 85 KC IF FREQ.

WITH TUBES 2/14A7, 1/14S7,

1/14R7, 1/14F7 & 1/12A6

(14 SERIES TUBES ARE LOCAL

FILAMENTS ARE WIRED FOR 12

-14 OR 24-28 VOLTS, HIGH

VOLTAGE REQ. 250 VDC 60MA.

NO DIAL, DESIGNED FOR REMOTE

USE BUT ITEMS LISTED BELOW

CAN BE ADAPTED FOR LOCAL TUNING.

SIZE: 6 1/2x5x11 1/2; WT: 10 LBS. USED \$12.95

BC-473 CONTROL BOX FOR LOCAL USE WITH

ADAPTER WITH SET \$3.00 OTHERWISE \$4.95

SPIN TUNING KNOB FOR LOCAL USE \$1.50

SCR-522 RADIO SET

100-156 MC

RECEIVER-TRANSMITTER AM, FOUR CHANNEL, CRYSTAL CONTROL, 30 WATT OUTPUT, 18 TUBES AS FOLLOWS: TRANSMITTER, 1/6SS7, 2/832, 3/12A6, 1/6G6, RECEIVER: 1/9002, 1/9003, 3/12A6, 1/12C6, 2/12AH7, 1/12H6 & 3/12SG7. BOTH UNITS CAN BE REMOVED FROM CASE SEPARATELY. OVERALL SIZE: 16 1/2 x 12 1/2 x 10-3/4" WT: 49 LBS. PRICE: USED \$29.95



RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED, WITH TUBES \$14.95 NO TUBES \$7.95

TRANSMITTER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED WITH TUBES \$18.95 NO TUBES \$7.95

BC-602 CHANNEL SELECTOR CONTROL BOX WITH PUSH BUTTONS. BC-602B USED \$1.95 BC-602D NEW \$2.95

NOTE: FOR THE MICROPHONE & PHONE CIRCUITS JACKS CAN BE INSTALLED IN THE BC-602

JB-29 JUNCTION BOX NEW \$2.95
AN-104 ANTENNA, METAL COVERED WOOD NEW 1.95
PE-98 DYNAMOTOR 12 VOLT USED 9.95
PE-94 " 24 " " 4.95

PLUGS REQUIRED FOR THE EQUIPMENT

SCR-522 RECEIVER-TRANSMITTER REQUIRES THE FOLLOWING PLUGS, PL-173 TO ANTENNA, PL-169 TO DYNAMOTOR, PL-170 TO JB-29 JUNCTION BOX. \$1.50 EACH

BC-602 CONTROL BOX, REQUIRES FOLLOWING PLUGS, PL-169 TO JUNCTION BOX. \$1.50 EA.

PE-98 OR PE-94 DYNAMOTOR REQUIRES FOLLOWING PLUGS, PL-172 TO BATTERY, PL-171 TO RECEIVER-TRANSMITTER. \$1.50 EA.

JB-29 JUNCTION BOX, REQUIRES THE FOLLOWING PLUGS, PL-170 TO RECEIVER-TRANSMITTER PL-169 TO BC-602 CONTROL BOX. \$1.50 EA.

PD-5/ARA-19 TUNING DRIVE FOR AM-203B AMPLIFIER; PART OF ARN-6 RADIO COMPASS REMOTE TUNING SYSTEM. WITH DELCO PM MOTOR. SIZE: 4 1/2 x 2 1/4; WT: 5 LBS. USED \$9.95; PLUG F/PD-5 \$1.50

BC-733 RECEIVER 108.3-110.3 MC AM

AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-RUNWAY AREA INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY. OPERATES ON SIX CRYSTAL CONTROL PRESET FREQ. COMPLETE WITH TEN TUBES: 1/12AH7, 2/12SG7, 3/717, 2/12SR7, 1/12SQ7 & 1/12A6. VOLTAGE REQUIRED; 24 VDC & 220 VDC 80 MA. WITH SCHEMATIC. SIZE: 13 1/2 x 5 1/2 x 7 WT: 17 LBS. PRICE: USED \$7.95

1-101C CROSS POINT INDICATOR, USED \$1.95
PL-257 PLUG TO FIT 1-101C 1.50

BC-732 CONTROL BOX USED \$1.95 NEW \$2.95
CABLE WITH PL-254 TO FIT BC-733 REC. AND PL-256 PLUG TO FIT BC-732 CONTROL BOX 3 FT. PRICE: \$4.95 PLUGS ONLY 1.50

DM-53 DYNAMOTOR 24 VOLT USED \$6.95
DM-53AZ " 12 " " 7.95
AS-27 RAMS HORN ANTENNA \$5.95 AS-27A 9.95
PL-284 TWIN COAXIAL CONNECTOR 2.00

1-155-A TEST METER

1-155-A TEST UNIT FOR BC-950-A TRANSMITTER. APPEARS TO BE SIMILAR TO TS-178/ARN-1 USED TO CHECK VOLTAGES AND CURRENT IN THE CIRCUITS OF ARC-3 EQUIPMENT. INCLUDES 3 1/2" ROUND 0-100 SCALE FS=1 MA 150 OHM RES. METER COUPLED TO A 7-POSITION SWITCH. CHECKS (1) OSC. GRID CURRENT, (2) 1ST H-G GRID CURRENT, (3) 2ND H-G GRID CURRENT, (4) RF AMP GRID CURRENT, (5) RF AMP CATHODE CURRENT, (6) HEATER VOLTAGE AND (7) PLATE VOLTAGE. WITH 4' CORD AND PL-152 PLUG. SIZE: 8x5x4 WT: 4LBS. UNUSED \$7.95

ARC-3 100-156 MC

R-77/ARC-3 VHF AIRCRAFT TYPE AM RECEIVER, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 9001, 9002, 12A6, 12H6, 12SH7, 12SL7, 2/12SN7, 3/12SG7 & 6/6AK5. VOLTAGE REQUIRED 24 VDC & 210 VDC 125 MA. SIZE: 11x7x15. WT: 21LBS. SCHEMATIC PRICE: R-77/ARC-3 USED \$24.50

R-5009/ARC-502 24 CHANNEL USED \$24.95
PL-153 PLUG FOR FRONT OF SET \$ 2.50

T-67/ARC-3 VHF AIRCRAFT TYPE TRANSMITTER AM, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE, WITH TUBES 2/832, 2/6L6, 1/6U5, 3/6V6 & 1/12SH7. VOLTAGE REQUIRED 24 VDC & 410 VDC 325 MA. SIZE: 15x7x12 1/2. WT: 21 LBS. PRICE: USED WITH TUBES \$24.95

JB-68 JUNCTION BOX FOR ARC-3 RADIO SET USED TO MOUNT DYNAMOTORS DY-22 FOR REC & DY-21 FOR TRANS. ALSO HAS CONNECTOR PLUGS TO HOOK UP REC. TRANS. CONTROL BOX & POWER, & RELAYS. SIZE: 10 1/2 x 3 1/2 x 8 1/2. WT: 7 LBS. PRICE USED... \$7.95

CONNECTOR PLUG FOR EACH FACILITY \$2.50 EACH

C-118/ARC-3 CONTROL BOX FOR RECEIVER AND TRANSMITTER. HAS EIGHT PUSH BUTTONS FOR CHANNEL SELECTION AND ONE FOR OFF. SIZE: 6x3x7 WT: 2 LBS. PRICE: \$4.95
CONNECTOR PLUG U-16/U 2.50

IE-36 TEST SET FOR SCR-522 REPRODUCES THE OPERATING FUNCTIONS OF THE CONTROL BOX & JACK BOXES OF THE RADIO BY PROVIDING HEADPHONE & MICROPHONE, CHANNEL SELECTION PLUS ALL OTHER CONTROLS NECESSARY TO OPERATION AND TESTING.

CONTROL UNIT BC-1303 PLUGS DIRECTLY INTO THE SCR-522 ALSO HAS PHANTOM ANTENNA & CORD, LAMP EXTRACTOR, ADAPTER PHONE CORD, INSTRUCTION BOOK AND CARRYING CASE, 10x10x4; WT: 8 LBS. PRICE: NEW \$6.95

SCR-522 CABLES WITH PLUG ON ONE END AND LUG TERMINALS ON THE OTHER. EACH CABLE \$2.95
CX-58/VRC-1 PLQ-170 PLUG & LUGS, 36" LONG.
CX-60/VRC-1 PL-169 " " " 36" "
CX-62/VRC-1 PL-172 " " " 66" "



REMOTE READING MAGNESYN COMPASS SYSTEM AIRCRAFT TYPE. CONSISTS OF A MAGNESYN COMPASS THAT TRANSMITS TO A 3" INDICATOR THAT IS CALIBRATED IN DEGREES—N-S-E-W, AND IS OPERATED BY THE 12 VOLT DC INVERTER WHICH IS INCLUDED WITH THE SYSTEM. SHIPPING WEIGHT: 15 LBS. PRICE WITH TRANSMITTER, INDICATOR, INVERTER AND MANUAL..... \$49.95

RECEIVER 200 - 400 KC

BC-1206 RECEIVER AM 200 TO 400 KC USED FOR AIRCRAFT BEACON CALLS VOLTAGE REQUIRED 24 VDC TUBES REQUIRED 2/14H7, 1/14J7, 1/14R7 & 1/28C7. I.F. FREQ. 135 KC, THREE (3) GANG VARIABLE 400-800 MMFD LOCAL SOCKETS THESE RECEIVERS ARE SOLD LESS TUBES AND "AS-IS" BECAUSE WE HAVE FOUND SOMETIMES THE I.F. COILS MAYBE OPEN AND THE COST OF MAKING THE REPAIR IS PROHIBITIVE. HENCE THE LOW PRICE. PLEASE DO NOT ASK US TO CHECK THE COILS. SIZE: 4x4x6 1/2; WT: 6 LBS. USED AS-IS \$2.95

AM-203B/ARA-19 AMPLIFIER; PART OF REMOTE TUNING SYSTEM AS USED WITH ARN-6 RADIO COMPASS WHICH PROVIDES AN ACCURATE MEANS OF TUNING SET ELECTRICALLY. OPERATES FROM 24 VDC. WITH 2/26A7 TUBES AND 1/12SN7 TUBE. SIZE: 5x6x4 1/2; WT: 6 LBS. PRICE: RE-NEW \$8.95

AMPLIFIER



TV-7/U ELECTRON TUBE TESTER, DYNAMIC MUTUAL CONDUCTANCE TYPE USED TO TEST AND MEASURE THE PERFORMANCE CAPABILITIES & TO DETERMINE THE REJECT-LIMITS FOR TUBES USED IN RECEIVERS, LOW POWER TRANS. AND OTHER TYPES OF ELECTRONIC EQUIPMENT. TESTS ARE MADE FOR DYNAMIC MUTUAL CONDUCTANCE, EMISSIONS, SHORTS, GAS, NOISE, CONT. PILOT LITES ETC. TEST SOCKETS ARE FOR LOCAL, OCTAL, 4, 5, 6, 7 PIN, NORVAL 9, 7 PIN MINIATURE, SUB.-MIN. RD. FLAT, ACORN ETC. ADAPTERS FOR OTHER TYPES ARE LISTED BELOW. POWER REQ. 115 V 50 TO 1000 CYC. TUBE DATA CHART ALSO 7 & 9 PIN TUBE PIN STRAIGHTENERS. SIZE: 6 1/2 x 8 1/2 x 1 1/2; WT: 20 LBS. PRICES: USED REPARABLE \$29.95 CHECKED \$39.95 ADAPTERS F/2C39 OR 829/832 \$5. MIN. LG LD \$3 WATERDAMAGED UNITS; LESS LEADS, BOOK, PIN STRAIGHTENERS BUT WITH GOOD TRANSFORMER \$10.

GUARD RECEIVER AS USED IN RT-178/ARC-27, COVERS FREQ. OF 238 TO 248 MC. SINGLE CHANNEL WITH AUDIO OUTPUT IS COUPLED TO THE MAIN SET, DUAL CONVERSION 19.4 MC 1ST I.F. 3.45 FINAL I.F. WITH R.F. GAIN CONT. AND SQUELCH CIR. WITH TUBES 5/12AT7, 1/6AK5, 1/6AG5, 2/6BA6 & 2/6AL5. SIZE: 8 1/4 x 4 1/4; WT: 4 LBS. P/T# 504-9780-005 PRICE: USED \$7.95 STK#5821-505-3684

20-30 MC IF AMPLIFIER WITH CRYSTAL MOUNTING AND SELECTION SWITCH. THE CRYSTAL MOUNTING IS FOR 10 CR-23/U CRYSTAL HOLDERS, THE CRYSTAL SWITCH IS OPERATED IN CONJUNCTION WITH THE SLUG TUNED COILS AND A SCREWDRIVER IS USED FOR THIS PURPOSE. WITH TUBES 6/6AG5 AND 12AT7. #5821-505-3236 SIZE: 7 1/2 x 4 3/8; 4 LBS. USED \$6.95

I.F. AND AUDIO AMPLIFIER AS USED IN ARC-27. THE 5.7-4.8 MC I-F AMP. FOR THE RECEIVER AND TRANSMITTER ARE TWO SEPARATE SECTIONS WITH 3.45 MC I.F. TO THE DETECTOR AND AVC GATE ALSO SQUELCH/AUDIO AND AUDIO AMP. SECTIONS. WITH TUBES 7/6BA6, 6/12AT7, 1/6AQ5 AND 2/6AL5. SIZE: 8 1/2 x 5 1/2 x 4; WT: 5 LBS. P/T#505-0317-036 PRICE: USED \$8.95

CRYSTAL CALIBRATOR WITH THREE SEPARATE OSCILLATORS AT 10 KHZ, 100 KHZ. AND 1000 KHZ. WORKS FROM 1 TO 30 MHZ ON 1000 KHZ OSCILLATOR; 100 KHZ TO 10.5 MHZ ON 100 KHZ; AND FROM 10 KHZ TO 10 MHZ ON 10 KHZ. ORIGINALLY DESIGNED FOR USE WITH NO. 19 MK III RECEIVER-TRANSMITTER. WITH CRYSTAL SELECTOR, CABLE, AND PLUG. POWER REQUIRED: 12 VDC @ 0.5 A. & 265 V. @ 2.5 MA. SIZE: 2x9 1/2 x 4 1/2 WT: 7 LBS. USED, \$12.95

RADIO COMPASS

RA 101A/ARN-6 RADIO COMPASS WITH A FREQUEN RANGE OF 100-1750 KC I FOUR BANDS. COMPLETE WITH TUBES 6/12SK7, 4/12SX7, 1/12SY7, 1/12SN7, 2/26A7, 2/20S0. OPER. FROM 26.5VDC. WT. 35L. SIZE: 11 1/2 x 7 1/2 x 15 1/2 PRICE: \$39.50

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS. OPERATES FROM 26 VOLTS 400 CYC. SIZE: 10x11x5 WT. 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95 ANNUAL FOR RA 101A/ARN-6.....\$5.00

ID-91 B/ARN-6 INDICATOR 0-360 DEG. 3 1/2" DIA. INDICATOR FOR ARN-6 RADIO COMPASS SYSTEM \$8.95

C-149 A/ARN-6 CONTROL BOX BOX CONTAINS THE FOLLOWING CONTROLS. OFF-COMP.-ANT.-LOOP; FUNCTION SWITCH, TUNING METER, LOOP L-R SWITCH, LIGHT CONTROL, DIAL BAND SWITCH, CONTROL SWITCH, TUNING CRANK, AUDIO CONTROL, CW-VOICE SWITCH. WRITE AS TO AVAILABILITY AND PRICE.



BD-71 SWITCHBOARD, PORTABLE SIX LINE HAND-RINGING MAGNETO TYPE USING FLASHLIGHT BATTERIES FOR OPERATION. REPEATING COILS ON TWO LINES FOR SIMPLEXING, DROP SIGNAL AND NIGHT CALL BELL. CAN BE USED WITH ANY MAGNETO TYPE TELEPHONES SUCH AS EE-8, RM-29, BD-72, 89, 91, 96, ETC. IDEAL FOR FACTORY, CAMP, FARM OR MOTEL. WITH CHESTSET MICROPHONE AND HEADSET; FOLDING LEGS. 18x12x14 WT: 75 LBS. USED \$14.95

EE-8 FIELD TELEPHONE, PORTABLE HAND-RINGING TYPE. CAN BE USED WITH ANY MAGNETO SWITCHBOARD SYSTEM LIKE BD-71, 72, 89, 91, 96 ETC. OPERATES FROM FLASHLIGHT BATTERIES UP TO 17 MILES. TWO OR MORE PHONES CAN BE OPERATED ON TWO WIRE LINES. WITH CARRYING CASE (MAY BE LEATHER, CANVAS, OR NYLON DEPENDING UPON AVAILABILITY), STRAP AND HANDSET. SIZE: 8x10x3 1/2 SHPG. WT: 18 LBS. PRICE: USED, CHECKED \$16.95



RM-52 REMOTE CONTROL UNIT (MACY'S PHONE PATCH) USED FOR RE-CONTROL OF RADIO SET, OPERATES FROM 4 FLASHLIGHT BATTERIES. HAS MULTI-TAP TRANSFORMER, MIC, PHONE HIGH/LOW IMPEDANCE & JACKS. BASIC UNIT FOR MAKING MACY'S PATCH. SIZE: 7 1/2 x 3 1/2 x 5 1/2; WT: 5 LBS. PRICE: USED \$1.95 NEW \$2.95



WD-1/TT INFANTRY FIELD WIRE; TWO CONDUCTOR TWISTED PAIR WITH FOUR TINNED-COPPER AND THREE GALVANIZED STEEL STRANDS PER COND. NYLON JACKET MOISTURE AND FUNGI RESISTENCE. 1250 FOOT ROLL (MAY HAVE GOV'T SPLICES) \$18.00



WD-36/TT WIRE AND DISPENSER; CANADA WIRE AND CABLE COMPANY. TWIN, PARALLEL CONDUCTOR, NO. 23 WIRE WITH PLASTIC INSULATION. 2500 FOOT LENGTH. DISPENSER SIZE: 6 1/2" DIA. X 4". WT. 7 LBS. \$9.95

JB-70 JUNCTION BOX; USED WITH BC-610 TRANSMITTER. FRONT PANEL HAS SWITCHES AND CONTROLS FOR REMOTE USE OF TRANS. HAS AC OUTLETS BOTTOM & SIDE, 4 HEADSET & 2 KEY JACKS, MIC PLUG, 2 WAFER, 4 TOGGLE, LEVER & START/STOP SWITCHES, CIRCUIT BREAKER, CABLES ETC. SIZE 19x13x5 1/2; WT: 40 LBS PRICE: USED \$9.95

C-1151/TC TELEPHONE SET WITH SUBCYCLE RINGER. SUBCYCLE RINGER PUTS-OUT 75 TO 100 V. 7.5 W, 16-2/3 & 20 CYCLE, TELEPHONE SYSTEM HAS PUSH-BUTTONS FOR SELECTION. STANDARD TELEPHONES WITH MATCHING RINGERS CAN BE USED FOR A PRIVATE TELEPHONE SYST CYCLE. RACK MTG. 19. POWER REQ. 115 V. 60 SIZE: 19x10 1/2 x 2 3/4; WT: 60 LBS. UNUSED \$29.95 SUB-CYCLE RINGER ONLY \$18.50

C-113/TRC-1 CONTROL UNIT AND INTERCOM SET FOR USE WITH REC TRANS. OR SEPARATE INTERCOM. OPERATES FROM 115 V. 60 CYCLE HAS MIC. AND HEADSET JACKS, BINDING POSTS TO CONN. WIRE, PL-68 PLUG & CABLE, 5 WIRE CABLE, ETC. IN WOOD CASE WITH STORAGE COMPARTMENT. SIZE: 14x9 1/2 x 12; WT: 25 LBS. USED \$6.95

RC-298 ARMORED TANK INTERPHONE EXTENSION KIT; CONTAINS HEAVY GAUGE WATERPROOF STEEL BOX WITH H-22 HANDSET & COILED CORD, SIGNAL LIGHT, CALL SWITCH, VOLUME CONTROL ETC. REMOTE CALL BOX HAS 2 SW. SIGNAL LITE, CABLE CONN. ETC. CABLE 7 COND. 30 FT. HARDWARE KIT HAS 125 PCS. OF VARIOUS ITEMS, RUBBER TAPE, EXTRA SW, LENS AND LAMP ETC. SHPG. WT. 78 LBS. PRICE: NEW \$14.95



TA-1/PT TELEPHONE

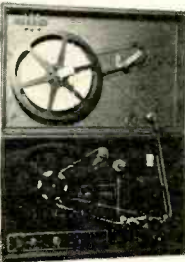
SOUNDPOWERED TELEPHONE SET WITH AUDIBLE AND VISUAL CALL SYSTEM. PALM OPERATED GENERATOR PUTS OUT APPROX. 100 V. THAT SOUNDS BUZZER IN OTHER PHONE AND ACTUATES VISUAL INDICATOR. COILED CORD WITH PUSH TYPE BINDING POSTS FOR INTERCONNECTING WIRES TO BE FASTENED TO. COMES WITH FIBER CARRING CASE. SIZE: 8 1/2 x 3 1/2 x 3 1/2; WT: ACT 2LB USED \$29.50 PAIR 2

TA-312/PT TELEPHONE SET IS A RUGGED, LIGHTWEIGHT, WATERPROOF FIELD TELEPH. THAT CAN BE USED OUTDOORS ON A DESK OR WALL MOUNTED. HANDCRANK GENERATOR FOR RINGING BUZZER. REQUIRES 2/1 1/2 V BATT. FOR LOCAL USE NONE REQ. W/CB. UNIT COMES IN A CANVAS CASE & SHOULD-ER STRAP WITH ZIPPER. SIZE: 12x7x4; WT: 10 LBS. USED \$29.50



MULTIPEX

PHILCO CST-2 SIGNALING AND TERMINATION UNIT. FOR USE IN MULTIPLEX SYSTEMS FOR TRANSMISSION OF DIAL OR RINGDOWN SIGNALING AND TERMINATES A FOUR WIRE CIRCUIT OF THE MULTIPLEX INTO A TWO WIRE TELEPHONE CIRCUIT. A 3.5 KC TONE IS USED FOR SIGNALING. ALSO HAS CONTROLS FOR PRO PER ATTENUATION OF VOICE LEVEL. OPERATES FROM 115 V. 60 CYC. AND IS COMPLETE WITH 2/12AU7 TUBES, RELAYS, RACK MTG. 19x4 1/2 x 12; WT: 25 LBS. PRICE: UNUSED \$9.95



TG-34 KEYS: CODE PRACTICE SET USED TO REPRODUCE SIGN ALS PREVIOUSLY RECORDED ON INKED PAPER TAPE, VARIABLE SPEED MOTOR, KEYING OSCILL ATOR WITH SPEAKER, PHONE & KEY JACKS. POWER REQUIRED 115 V. 50/60 CYCLE. SUPPLIED WITH ONLY ONE EMPTY REEL. (PHOTO SHOWS REEL OF TAPE AS ILLUSTRATION ONLY.) COMES IN WOOD PORTABLE CARRING CASE, SIZE 15x10x10; WT: 40 LBS.

USED \$24.95; CHKD. \$29.50

CODE PRACTICE TAPES: MADE ESPECIALLY FOR THE TG-34 KEYS, SAME GROUPINGS AND SPEEDS AS USED BY THE GOV'T. NOT MOUNTED ON METAL REELS. FIFTEEN (15) TAPES TO SET. \$2 EA TAPE

#1 TO 4 COVER DIFFERENT GROUPS WIDE SPACE LETTERS	#9 12WPM CODED/GR
#5 WIDE SPACE NUMBERS & LETTERS	#10 12WPM TACT/MESS
#6 5WPM NUMBERS & LETTERS	#11 12 " " " "
#7 7WPM " " " "	#12 15 " " " "
#8 10 " CODED GROUPS OF 5	#13 15 " " " "
	#14 20 " " " "
	#15 20 " " " "



RD-60/U CODE RECORDER OF RADIO TELEGRAPH CODE SIGNALS. USES 3/8" WIDE, 800 FOOT ROLLS OF PAPER TAPE. RECORDS CODE SPEEDS UP TO 1000 WORDS PER MINUTE WITH A RECORDING TIME OF 26 MINUTES (LOW) OR 13 MINUTES (HIGH). INPUT SIGNAL FREQ. 500 TO 5000 HZ. INPUT IMPEDANCE 500 AND 5000 OHMS. OUTPUT IMPED. 6 OHMS. INCLUDED IS ONE PINT OF INK, 2 PENS, CLEANING MATERIALS, ADJUSTING TOOLS AND MANUAL. WITH TUBES 2/OD3, 0A2, 5V4, 6H6, 6L6, 6X4, 6SJ7, 6SK7. POWER REQUIRED: 115/230 VAC 50-60 HZ. SIZE: 19x16x12 1/2; WT: 150 LBS. IN WOOD CRATE. PRICE: UNUSED \$29.95



C-434/GRC CONTROL BOX USED WITH GRC-TYPE EQUIPMENT OVER TWO-WIRE TELEPHONE LINE. HANDCRANK MAGNETO GENERATOR FUNCTIONS AS A SINGLE PHASE 20 HZ RINGER. AUDIO CONNECTOR ON FRONT FOR USE WITH H-33/PT HANDSET. CONTROLS FOR LOCAL AND REMOTE USE, CALL LIGHT AND ALSO TWO 30" CORDS WITH UG-77 CONNECTORS IN THE REAR COMPARTMENT. INTERNAL SWITCH FOR BELL OR LAMP SIGNAL. WITH TWO SIGMA 80030 AND ONE GAC 21031 OCTAL RELAYS. (SEE PAGES 22 & 23 FOR SPECS.) UNIT USES TWO FLASHLIGHT BATTERIES. 10 1/2 x 8 x 3 1/2; WT: 12LB PRICE: USED \$10.95 LESS RELAYS \$6.95

AUTOMATIC ELECTRIC RELAY ASSEMBLY; 12 A/E TYPE RT-379-A1 RELAYS, 48VDC 10 AMP OPERATING 10 CONTACT ARRANG. #D-857697 AUTOMATIC LINE FINDER, RACK MOUNTING SIZE: 13 1/2 x 4 1/2 x 6 1/2; 12 LBS. PRICE: W/COVER NEW \$12.95

AUTOMATIC ELECTRIC SWITCH ASSEMBLY, COMBINED HOWLER AND BREAKDOWN UNIT, 48 VDC, 4 DECK 26 CONTACT STEPPING SWITCH AND 5 RELAYS #D855332A RACK MOUNTING 13 1/2 x 4 1/2 x 6 1/2; 13 LBS. PRICE: W/COVER NEW \$10.95

STROWGER LINE FINDER AND RELAY UNIT, USED IN CENTRAL OFFICE DIAL TELEPHONE EXCHANGE. THIS THE HEART OF THE SYSTEM AND IT HAS THE TWO BANKS OF CONTACTS AND WIPER CONTACT ARMS SHPG. WT: 15 LBS. #D580070/40 RE-MOVED \$15

STROWGER LINE FINDER AND RELAYS (8) WITH 2 BANKS OF CONTACTS AND WIPER CONTACT ARMS. SHPG. WT: 20 LBS. D240593 REMOVED \$17

REPEATER DIAL PULSE; TWO WAY OPERATION 8 TO 12 PULSES PER SEC. 2800 OHMS MAX. LOOP RES. SHPG. WT: 10 LBS. #D857917 REMOVED \$9.95

REPEATER #D857917-A, REMOVED, \$9.95

MODEL 14 TELETYPE TRANSMITTER-DISTRIBUTOR SINGLE CHANNEL, SYNCHRONOUS CONTROLLED MOTOR 1/25 HP 2100 RPM, TAPE DISC NO. 77070, 60 WPM, POWER REQ. 115 V. 60 CYCLE. SIZE: 15 1/2 x 8 1/2 x 9; WT: 35 LBS. PRICE: USED \$18.95

TAPE, TELETYPEWRITER TELETYPE PERFORATOR TAPE, 11/16" WIDE 900 FT. OILED ROLLS. \$.60 PER ROLL; 10 ROLLS \$5.00

TELEPHONE BOX EE-91 TELEPHONE BOX WITH PLUG-IN HANDSET. HAS CRANK GENERATOR FOR RINGING MAGNETO LINES; 3000 OHM LINE RESISTANCE TALKING CIRCUIT HAS 30 DB NET LOSS. DESIGNED FOR WALL MOUNT WITH MTG. FLANGES PROVIDED. REQUIRES 3 VDC FOR OPERATION. SIZE: 6x7 1/2 x 5 WT: 16 LBS. NEW \$19.95

OPERATOR'S CIRCUIT TA-277/GTA-6 OPERATOR'S TELEPHONE CIRCUIT FOR UP TO TEN LINES. EACH LINE HAS SWITCH WITH "TALK" AND "RING" POSITION. ALSO WHITE AND RED INDICATOR LIGHTS FOR EACH LINE. TWO INPUT JACKS. SIZE: 7x8x12 WT: 15 LBS. PRICE: RECONDITIONED, \$14.95

T8-27 LINE TEST SET TS-27 LINE TEST SET; PORTABLE UNIT USED TO MEASURE CONDUCTOR AND INSULATION RESISTANCE, LOCATE GROUNDS, SHORTS AND CROSSES. ALSO MEASURES CAPACITANCE AND LOCATES OPENS. WORKS AS A MODIFIED WHEATSTONE BRIDGE USING A SLIDE WIRE POTENTIOMETER FOR TWO VARIABLE RESISTANCE ARMS. RES. RANGE: 0 TO 50 OHMS; CAPACITANCE RANGE: .075 TO 3.0 MFD. WITH GALANOMETER NULL METER (SENSITIVITY 1 UA PER DIVISION). CONNECTIONS FOR TELEPHONE, TEST CHARTS AND BRIEF INSTRUCTIONS INCLD. TEST LEADS NOT INCLD. BATTERY POWER REQUIRED: 90 VDC, 1.5 VDC, 4.5 VDC. BATTERIES NOT AVAIL ABLE. SIZE: 9x13 1/2 x 13 WT: 30 LBS. PRICE: USED SERVICEABLE \$49.50

Headsets — Telephone Equipment — Microphones — Handsets



HEADSETS

HB-7 HEADBAND W/ PL-54 PLUG ON 18" CORD (USED) W/ NEW CHAMOIS CUSHIONS.

HS-33 600 OHM W/ NEW ELEMENTS \$9


HS-23 2000 OHM NEW ELEMENTS \$8

SEE BELOW CD-307 EXTENSION CORD.




HEADSET & BOOM MICROPHONE: SINGLE PHONE ELE. 3000 OHM 200 OHM MIC. 10' CORD, CHEST SWITCH, 4 PRONG CANNON PL. ROANWELL 62890 USED \$9.95

SIMILAR TO ABOVE 100 OHM M-87 MIC UG-161 PLUG. #10387 USED \$12.95



HS-230 HEADSET W/ PL-54 PLUG ON 13" CORD, VELOUR TYPE CUSHIONS, 250 OHM ELEMENTS AS USED ON HS-30 HEADSET, HEADBAND, NEW, ELEMENTS USED, COMPLETE W/ ELEMENTS \$6.95 HEADBAND AND CUSHIONS ONLY \$4 SEE BELOW CD-307 EXTENSION CORD.



H-113/U HEADSET 600 OHM SOFT PLASTIC EAR CUSHIONS 18" CORD W/ PL-54 PLUG THAT FITS JK-26 JACK (SEE CD-307 EXTENSION CORD ELSEWHERE ON THIS PAGE) WT: 3 LBS. USED-EX \$3.95

H-62 HEADSET SAME AS H-113/U ONLY IN BLACK AND HAS PROVISIONS FOR SNAPPING ON LIP MICROPHONE CW-51071 LISTED BELOW. USED-EX. \$3.95

CW-51071 LIP MICROPHONE 100 OHMS IMPEDANCE W/ 2 SNAPS FOR FASTENING TO H-62 HEADSET, 14" CORD W/ PL-291 PLUG INTO EXTENSION CORD CD-318 LISTED ON THIS PAGE OR CW-49561 EXTENSION CORD LISTED BELOW USED \$1.00



H-63/U HEADSET 600 OHM BOOM MIC 100 OHM 14" CORD WITH PLUGS. \$4.95 USED MIC. OR PHONE ELEMENTS ONLY, \$1 EA.

T-24-S MICROPHONE HAND HELD BRASS CARBON MIC. W/ 50 OHM ELEMENT, PUSH TO TALK SWITCH, 5 1/2 FT. STRAIGHT CORD W/ PL-68 PLUG. WT: 1 LB. PRICE: UNUSED \$3.95

CO-78 HEADSET "Y" CORD 7' LG. RUBBER COVER NO PLUGS, TERM. \$1.50

PL-204 PLUG: SINGLE HOLDER PL-68 & PL-55 SIDE BY SIDE. \$2.00


DOUBLE PLUG D178452 F/ HEADSET SIMILAR 289 298. #3850 NEW \$1.50

SWITCHBOARD CORD 4 1/2' W/ PL-47 #BD-96 \$1.00



TELEX HEADSET \$3.95 USED 1250

D.C. OHMS GRAY PLASTIC BAND OVER METAL FRAME, RUBBER CUSHIONS, NO PLUG ON CORD. ELEMENTS ONLY FOR 1250 OHM 50¢



HS-30 HEADSET 250 OHM IMPEDANCE HEARING AID TYPE LIGHT WEIGHT HEADBAND

7 FOOT CORD WITH PL-55 PLUG (CD-605) USED \$2.75 EA.



DYNAMIC HEADPHONES 50 OHMS IMP. MOVING COIL TYPE, HIGH QUALITY REPRODUCTION, CHAMOIS CUSHIONS AND

"Y" CORD WITH PHONE PLUG. #ZA/CAN1638 UNUSED \$4.95



T-17 MICROPHONE CARBON 35 TO 90 OHMS WITH PUSH TO TALK SWITCH 5 FT. CORD WITH PL-68 PLUG THREE CIRCUIT. WT: 1 LB

PRICES. USED: \$6.95 RE-CONDITIONED \$8.50


JK-38 PHONE JACK FOR INLINE USE, TAKES TWO PL-55 PHONE PLUGS \$1

PUSH BUTTON SWITCHES FOR HANDSETS THAT USE BUTTERFLY TYPES. DIRECT REPLACEMENT. #5930-327-7308 \$1.25

PL-204 PLUG: SINGLE HOLDER PL-68 & PL-55 SIDE BY SIDE. \$2.00

DOUBLE PLUG D178452 F/ HEADSET SIMILAR 289 298. #3850 NEW \$1.50

SWITCHBOARD CORD 4 1/2' W/ PL-47 #BD-96 \$1.00



RS-38 MICROPHONE 100 OHM CARBON PRESS TO TALK SWITCH ON TOP 5 FT. CORD WITH PL-68 PLUG.

W/ STRAIGHT CORDS 5 FT. USED \$8.95 UNUSED \$12

HS-16 HEADSET, IMPEDANCE 520 OHMS @ 800 CYC, 6 FT COTTON COVERED "Y" CORD WITH METAL TIPS. NEW \$3.95




TS-9 HANDSET WITH PUSH TO TALK SWITCH (NOT BUTTERFLY) WITH 3 COND. CORD 4' AND TERMINAL LUGS. NEW COND. \$4.95

TS-11 HANDSET; 4 COND. CORD, 5 1/2', CARBON MIC 50 OHM PHONE 3500 OHM, W/ PL-106 PLUG. NEW \$4.95



T-45 LIP MIC




H-140/GR HEADSET WITH 6' COILED COIL & U-182/U 5 CONT. PLUG. 500 OHM IMP. UNUSED \$14.95

M-86/U MAGNETIC MICROPHONE; 50 OHM IMPED. PUSH SW. LEVEL CONTROL 7' CORD. UNUSED \$14.95




T-30 THROAT MIC. Elements only \$1.50 a dozen



A-202 TELEGRAPH KEY ONLY, WITH ADJUSTABLE CONTACTS. SIZE: 4 1/2" x 1 1/2" x 1 1/2"; PRICE: \$1.25 EA


THIS IS THE KEY USED TO MAKE THE TWIN PADDLE KEY DESCRIBED IN CST ARTICLE OF FEB. 1973. THREE A-202 KEYS ARE REQUIRED, PLUS 3 BINDING POSTS AND BASE. ALSO SMALL HARDWARE & FINDINGS IMA, OH 45804

TWIN PADDLE KEY MADE FROM A-202 BY R.N. MASON W8NN 551 TURNER IMA, OH 45804



RS-83 100 OHM CARBON MICROPHONE W/ DETACHABLE CORD 4 1/2' & SW. \$1.95 UN-USED

SOUND POWERED HANDSET WITH COILED CORD 1-4' BROOK-TEL BTU-1 NEW \$13.95



H-22/U HANDSET 50 OHM CARBON MIC. 3500 OHM PHONE, "Y" CORD PL-68 & PL-55 SPRING COILED CORD 5' 10" PUSH T/T SW. UNUSED \$7.95

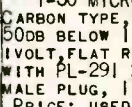


HANDSET HOLDER RUBBER COVERED AS ILLUSTRA \$1.50 CAST ALUMINUM \$2.00

T-45 MICROPHONE CARBON TYPE 100 OHM 50DB BELOW 1 MILLIVOLT, FLAT RESPONSES WITH PL-291 2 CONT MALE PLUG, 11" CORD NEW \$2.00



CD-307 CORD EXTENSION FOR CORDS WITH PL-54 PLUG AS USED ON HEADSETS, 65" LG WITH JK-26 JACK & PL-55 PLUG. USED \$1.00




T-30 MICROPHONE CARBON TYPE, 75 OHM 50DB BELOW 1 MILLIVOLT, FLAT RESPONSES WITH PL-291 2 CONT MALE PLUG, 11" CORD PRICE: USED 3/\$1 UNUSED \$1.50


STANDARD TELEPHONE EQUIP.



CD-318 EXTENSION CORD WITH PL-291 2 CONTACT FEMALE PLUG TO FIT T-45 & T-30 MICS. SW-141 SWITCH & PL-68 MIC PLUG ON 7 FT. CORD USED \$1.00




CD-604 CORD WITH IMPEDANCE MATCHING TRANSFORMER 500 OHM TO 4000, USED WITH HS-30 HEADSET, 6" CORD & PL-54 PLUG. NEW 50¢ USED 25¢



PL-55 RECEPTACLE WITH PL-55 PLUG ON END 3 FT. CORD #R16-G34820 NEW \$1.00



CALL COMMANDER SWITCHBOARD NB-860 AS RE-MOVED FROM SERVICE. 12 LINES \$40.00 18 " \$50.00 5 LINE KEY BAR ONLY \$8.00




PRINCESS TELEPHONE, BEIGE OR WHITE, NO RINGERS, AS REMOVED FROM SERVICE \$14

DESK SET (AE) WITH DIAL, 6 BUTTON 5 LINE 1 HOLD, WITH CORD, CABLE & PLUG, AS RE-MOVED FROM SERVICE \$15

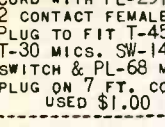
DESK SET (SC) WITH DIAL, SIMILAR TO AE. SC#1543 RE-MOVED F/SERVICE \$9



TELEGRAPH KEY; BRASS CONTACTS, 4' CORD W/ PL-55 PLUG, CANVAS LEG STRAPS, ST. COVER. #ZA/CAN2320 USED \$3



J-37 TELEGRAPH KEY; MOUNTED ON BRASS PLATE & LEG STRAP, BRASS CONTACTS. #J-116/U J-45 USED \$4.50 W/ PL-55 & CORD \$5.50 UG-77 \$6.00



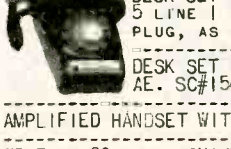
CD-605 CORD SAME AS CD-604 ONLY 30" LG. WITH PL-55 PLG USED \$1.00



PL-55 PHONE PLUG 30" CORD 75¢



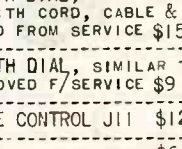
MICROPHONE BUTTON CARBON 50 OHM WILL REPLACE F-1 ELEMENTS. #K-53-0654 \$1.00



AMPLIFIED HANDSET WITH VOLUME CONTROL J11 \$12

WE F-1A 20 CYCLE CHIME RINGER RE-MOVED. SER \$6

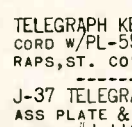
STANDARD TYPE TELEPHONE BUTTONS U-1 OR T-1 \$1



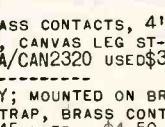
DESK SET AE 850 WITH DIAL 2 LINE W/ CABLE, AS REMOVED FROM SERVICE, NO COLOR CHOICE IF AVAILABLE, WILL SEND \$13

DESK SET MODERN AE ARB-6000, 5 LINE, 1 HOLD, 6 KEY, W/ DIAL CORD & PLUG, COLORS NO FIRM CHOICE, WILL SEND IF AVAILABLE, REMOVED F/SERVICE \$22

WE LOUD BELLS #592; STRAIGHT LINE RINGER REMOVED FROM SERVICE. 2/3" GONGS \$10



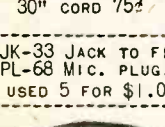
TELEPHONE HANDSET HOLDER & SWITCH HANDSET IN PLACE 1 CONTACT MADE, HANDSET OFF, 3 CONTACTS ARE MADE. W/MTG. BRACKET. #805-2029 NEW \$8.95



H-60 HANDSET: 150 OHM REC. 25-45 OHM MIC. PUSH SW. 7 COND. 5' COIL-CORD, IMPACT PLASTIC, WEA-PROF U\$5.95

M-29 MICROPHONE; 40-100 OHM, PUSH SW. 6' CORD W/ UG-77 PLUG, U \$3.95

M-52 SAME AS M-29 W/ PL-68 U \$3.95

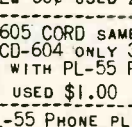


COILED CORD SET

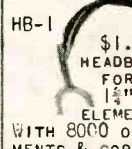
THREE CONDUCTOR 24" TO 72" 75¢ 12" TO 36" 50¢

FOUR CONDUCTOR 12" TO 36" \$1.00

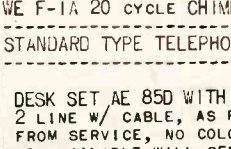
ONE CONDUCTOR #18 6 FT. - 18 FT. \$1.00



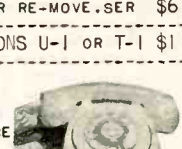
MC-385 HIGH to LOW ADAPTER IMPEDANCE FOR HEADSET 4000-6000 OHM USED \$3.50 NEW \$7.75



HB-1 \$1.00 HEADBAND FOR 1 1/2" ELEMENTS WITH 8000 OHM ELEMENTS & CORD \$2.95




STANDARD TYPE TELEPHONE HANDSET AND CORD. USED..\$2.50 NEW \$4.50

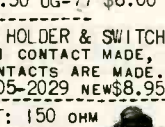


HANDSET HOLDER FOR HORIZONTAL MOUNTING, SIZE 1 1/2" x 3 1/2" #6988 \$.50

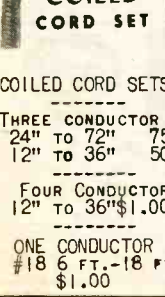
TELEPHONE SWITCH KEY IN METAL BOX FOR MTG. LEVER TYPE SWITCH. MC-88003 FOR 2 OR 3 LINE. (SPECIFY) \$3.95



TELEPHONE BELLS USE AS EXTENSION BELL IN SHOP ETC. 2 LB. 4x4 1/2 x 1 483661A \$1.50



CHAMOIS HEADSET CUSHIONS: 4" DIA. \$2.00 PR.

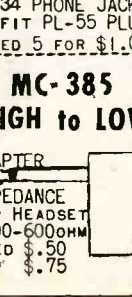


COILED CORD SETS

THREE CONDUCTOR 24" TO 72" 75¢ 12" TO 36" 50¢

FOUR CONDUCTOR 12" TO 36" \$1.00

ONE CONDUCTOR #18 6 FT. - 18 FT. \$1.00



MC-385 HIGH to LOW ADAPTER IMPEDANCE FOR HEADSET 4000-6000 OHM USED \$3.50 NEW \$7.75

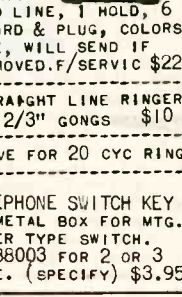


STANDARD TYPE TELEPHONE HANDSET AND CORD. USED..\$2.50 NEW \$4.50




HANDSET HOLDER FOR HORIZONTAL MOUNTING, SIZE 1 1/2" x 3 1/2" #6988 \$.50


TELEPHONE SWITCH KEY IN METAL BOX FOR MTG. LEVER TYPE SWITCH. MC-88003 FOR 2 OR 3 LINE. (SPECIFY) \$3.95



TELEPHONE BELLS USE AS EXTENSION BELL IN SHOP ETC. 2 LB. 4x4 1/2 x 1 483661A \$1.50



CHAMOIS HEADSET CUSHIONS: 4" DIA. \$2.00 PR.



TELEPHONE BELLS USE AS EXTENSION BELL IN SHOP ETC. 2 LB. 4x4 1/2 x 1 483661A \$1.50

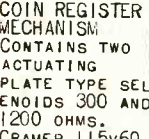


TRAILER LIGHTS BALANCING LOAD ASSY. USED FOR TAIL AND STOP LIGHTS. CONTAINS RESISTORS 1.1 40 WATT, 1.5 40 WATT, .6 & .8 OHM 70WATT SIZE 7x2x4; 3 LBS. MOPAR#B7015812 \$1.50

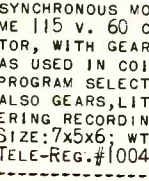


TELEMETER PROGRAM SELECTOR USED FOR PAY TELEVISION. CHOICE OF 3 PROGRAMS, PRE-RECORDED TAPE GIVES PROGRAM INFO. & AMOUNT OF MONEY THAT IS TO BE PUT IN REGISTER FOR EA. PROGRAM, AS SHOWN ON THE COIN REGISTER. A 8 MC. SIGNAL IS USED TO TRIGGER THE MECHANISM AND WE ASSUMED A 35 MC SIGNAL CARRIES THE VIDEO AND VOICE (ITEMS LISTED BELOW ARE PART OF THIS UNIT AND CAN BE PURCHASED SEPARATELY.) SIZE: 15x7x7; WT: 25 LBS. COMPLETE UNIT #1001/5 \$9.95

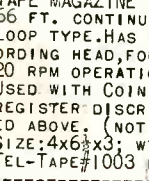
HIGH IMPACT PLASTIC CABINET ONLY #TELE-CAB.1001 \$3.00



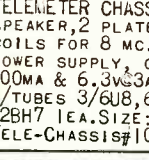
COIN REGISTER MECHANISM CONTAINS TWO ACTUATING PLATE TYPE SEL ENOIDS 300 AND 1200 OHMS. CRAMER 115V60 CYCLE, 5 RPM SYNCHRONOUS MOTOR, OPEN FRAME 115 V. 60 CYC. GEARED MOTOR, WITH GEARED MECHANISM AS USED IN COIN OPERATED TV PROGRAM SELECTOR SYSTEM. ALSO GEARS, LITES COIN NUMBERING RECORDING DIALS ETC. SIZE: 7x5x6; WT: 8 LBS. TELE-REG.#1004 RE-MOVE \$5



TAPE MAGAZINE 1/4" 66 FT. CONTINUOUS LOOP TYPE. HAS RECORDING HEAD, FOR 20 RPM OPERATION. USED WITH COIN REGISTER DESCRIBED ABOVE. (NOT MOTORIZED) SIZE: 4x6x3; WT: 2 LBS. TEL-TAPE#1003 RE-MOVE \$3.00



TELEMETER CHASSIS; WITH 4" SPEAKER, 2 PLATE RELAYS, R.F. COILS FOR 8 MC. 115 V. 60 CY POWER SUPPLY, OUTPUT 150VDC 100MA & 6.3VDC 3A. 8135 CRYST. W/TUBES 3/6U8, 6E6, 6B8 & 12BH7 1EA. SIZE: 10x6x6; 10LB TELE-CHASSIS#1002 RE-MOVE\$7



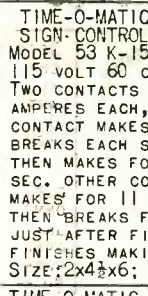
TIMER 115 VOLT 60 CYCLE 1 RPM WITH 15 AMP. 115 VOLT 60 CY MICROSWITCH. ACTUATING WHEEL CAN BE NOTCHED FOR SHORTER PERIOD OF CONTACT. SIZE: 3x2x2; WT: 3 OZ. HAGAN#04465 RE-MOVED \$2.95



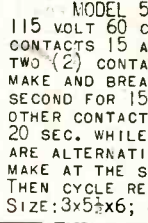
BRUSH SETS
BD-77 PE-73 DY-17 \$3.00 PER SET

DM-21	DM-25	DM-28	DM-32
DM-33	DM-34	DM-35	DM-36
DM-37	DM-40	DM-41	DM-42
DM-43	DM-45	DM-53	DM-64
BD-83	PE-86	BD-93	BD-69
DA-1A	DA-12	DA-14	DA-1F
DY-21	DY-22		SP-125

OTHER TYPES ALSO AVAILABLE SET OF FOUR BRUSHES \$1.00



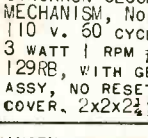
TIME-O-MATIC SIGN CONTROL MODEL 53 K-156 115 VOLT 60 CYC. TWO CONTACTS 15 AMPERES EACH, ONE CONTACT MAKES & BREAKS EACH SEC. THEN MAKES FOR 7 SEC. OTHER CONTACT MAKES FOR 11 SECONDS THEN BREAKS FOR 3 SECONDS JUST AFTER FIRST CONTACT FINISHES MAKING & BREAKING SIZE: 2x4x6; 3 LBS. \$2.95



TIME-O-MATIC SIGN CONTROL MODEL 53 K-155 115 VOLT 60 CYCLE, THREE CONTACTS 15 AMPERES EACH, TWO (2) CONTACTS ALTERNATE MAKE AND BREAK ONCE PER SECOND FOR 15 SECONDS, OTHER CONTACT BREAKS FOR 20 SEC. WHILE THE OTHER 2 ARE ALTERNATING THEN ALL 3 MAKE AT THE SAME TIME. THEN CYCLE REPEATS AGAIN. SIZE: 3x5x6; 3 LBS. \$4.95



KEY SELECTOR CONSISTS OF MANUAL CLOCK MECHANISM FOR SENDING 17 IMPULSES, CAN BE SET TO CALL ANYONE AT 78 STATIONS, SPST LEVER SWITCH 2x2x4; 4C5100.60A \$2.95

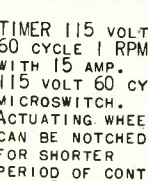


SYNCHRON CLOCK MECHANISM, No.610 110 V. 60 CYCLE 3 WATT 1 RPM #EC-129RB, WITH GEAR ASSY, NO RESET OR COVER. 2x2x2; 4oz. \$1.35

HANSEN SYNCHRON CLOCK MOTOR 110 VOLT 60 CYCLE ONE R.P.M MODEL 600 \$1.50

HANSEN SYNCHRON CLOCK MOTOR 110 VOLT 60 CYCLE 10 R.P.H. MODIFIED WITH SLEEVE OVER SHAFT TO 24 R.P.H. #A12-RC-12-62 \$1.50

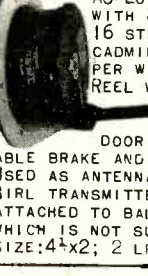
CRAMER TIMER SWITCH ASSY. MODEL TC-60SEC, 230 V 60 CYC, SWITCH 5 AMP. CONT. 3.8 W. 4/5 RPM MOTOR. \$1.95



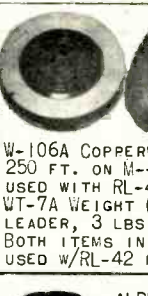
TIMER 115 VOLT 60 CYCLE 1 RPM WITH 15 AMP. 115 VOLT 60 CY MICROSWITCH. ACTUATING WHEEL CAN BE NOTCHED FOR SHORTER PERIOD OF CONTACT. SIZE: 3x2x2; WT: 3 OZ. HAGAN#04465 RE-MOVED \$2.95



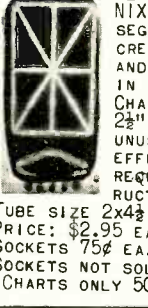
TIMER SPRING WOUND 360 DEGREES ONE HOUR, CAN BE TURNED ANY DEGREE & BELL WILL RING WHEN SPRING IS UN WOUND. SLOTTED & FLATENED SHAFT FOR KNOB. LUX#230 SIZE: 2x1x1; WT. 4 OZ. \$1.00



AS-207/CRT-3 ASSY WITH 300 FOOT OF 16 STRAND BRAIDED CADMIUM ALLOY COPPER WIRE ON RL-48 REEL WITH CRANK MOUNTED TO ALUMINUM DOOR WITH ADJUSTABLE BRAKE AND SNAP SWIVEL USED AS ANTENNA FOR GIBSON GIRL TRANSMITTERS, WIRE IS ATTACHED TO BALOON OR KITE WHICH IS NOT SUPPLIED. SIZE: 4x2; 2 LBS. \$5.95



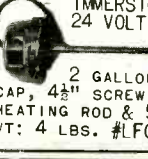
ME-57 AIRCRAFT TRAILING ANTENNA WIRE WITH WEIGHT & CANVAS BAG W-106A COPPERWELD WIRE #18 250 FT. ON M--235 BOBBIN USED WITH RL-42 REEL \$4.95 WT-7A WEIGHT (4x2x2) ON 12" LEADER, 3 LBS. WT. \$3.95 BOTH ITEMS IN CANVAS BAG USED W/RL-42 REEL \$8.50



ALPHA-NUMERIC NIXIE TUBE 16 SEGMENT NIXIE CREATES ALPHABET AND NUMBERS 0-9 IN A SINGLE TUBE. CHARACTERS ARE 2 1/2" TALL AND MAKE UNUSUAL DISPLAY EFFECTS, 170 VOL REQUIRED. W/INSTRUCTION CHART. TUBE SIZE 2x4; \$7.97 PRICE: \$2.95 EA. 2/\$5.00 SOCKETS 75¢ EA. 2/\$1.25 SOCKETS NOT SOLD SEPARATELY CHARTS ONLY 50¢ EA.



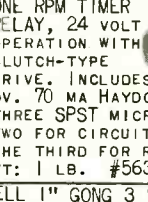
VERNIER SET ATC TIMER WITH 15 MIN. TIMING PERIOD. SYNCHRONOUS MOTOR OPERATES FROM 230V 60 CYC AND HAS SPDT CONTACTS FOR CONTROL OF INDUSTRIAL EQUIPMENT. SIZE 6x5x3; WT. 5 LBS. PRICE \$9.95 NEW



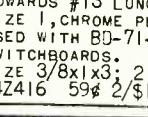
IMMERSION HEATER 24 VOLT AC/DC 50 W. WATTS 2 GALLON, 3" PRESS CAP, 4 1/2" SCREW CONE, 12" HEATING ROD & 5 FT. CORD. WT: 4 LBS. #LFCEA8801 \$2.95



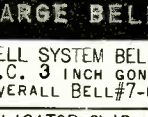
TIMER RELAYS ONE FIFTH RPM TIMER RELAY, 6 VOLT 70 MA WITH HAYDON TIMER AND THREE SPDT MICROSWITCHES ROTATING CONTACT DISCS ARE VARIABLE FROM 0 TO 2 1/2 MINUTES IN CONTACT TIME. 4x3x2; WT: 1 LB. #5945-255-7144 PRICE: NEW \$5.95



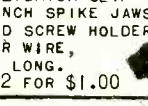
ONE RPM TIMER RELAY, 24 VOLT OPERATION WITH CLUTCH-TYPE DRIVE. INCLUDES 6V. 70 MA HAYDON TIMER AND THREE SPST MICROSWITCHES, TWO FOR CIRCUIT CONTACT, THE THIRD FOR RESET. 5x2x3; WT: 1 LB. #5635 NEW \$5.95




BELL 1" GONG 3 VDC EDWARDS #13 LUNGEN SIZE 1, CHROME PLATE USED WITH BD-71-72 SWITCHBOARDS. SIZE 3/8x1x3; 2 OZ. #42416 59¢ 2/\$1



LARGE BELL BELL SYSTEM BELL 6 VOLTS D.C. 3 INCH GONG, 2 1/2 x 5 1/2" OVERALL BELL#7-C \$2.95

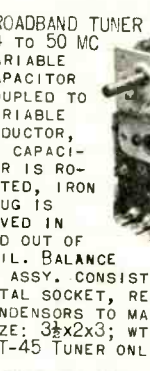


ALLIGATOR CLIP WITH PINCH SPIKE JAWS AND SCREW HOLDER FOR WIRE, 2" LONG. 12 FOR \$1.00

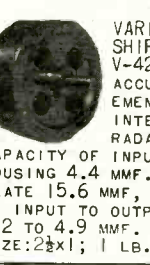


RADIO FREQUENCY SECTIONS TRANSMITTER RECEIVER 418-462 MC PART OF R/T-7/APN1 TRANSMITTER SECTION OSCILLATOR CAN BE ADJUSTED BETWEEN 425-440 MC. WITH TWO 955 TUBES (NO WOBULATOR) USED IN ALUMINUM CAN 2x3x6; 2 LBS. RE-MOVED FROM EQUIPMENT.


RECEIVER SECTION, BALANCED. DETECTOR WITH 2-9004 TUBES. HOUSED IN ALUMINUM CAN 2x3x6; WT: 2 LBS. RE-MOVED FROM EQUIPMENT RT-7/APN-1 RECEIVER OR TRANSMITTER SUB-ASSEMBLY PRICE: WITH TUBES...\$1.50 LESS " .75




BROADBAND TUNER 14 TO 50 MC VARIABLE CAPACITOR COUPLED TO VARIABLE INDUCTOR, AS CAPACITOR IS ROTATED, IRON SLUG IS MOVED IN AND OUT OF COIL. BALANCE OF ASSY. CONSISTS OF CERAMIC DIAL SOCKET, RESISTORS AND CONDENSORS TO MAKE RF TUNER. SIZE: 3x2x3; WT: 1LB; RT-45 TUNER ONLY \$1.95




VARIGON PHASE SHIFT CAPACITOR V-42. USED FOR ACCURATE MEASUREMENT OF TIME INTERVALS IN RADAR SYSTEMS. CAPACITY OF INPUT PLATE TO HOUSING 4.4 MMF. OUTPUT PLATE 15.6 MMF, CAP. VAR. OF INPUT TO OUTPUT PLATE 1.2 TO 4.9 MMF. SIZE: 2x1; 1 LB. \$2.95



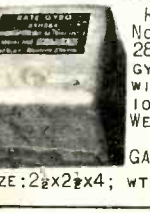
CAPACITY TUNER WITH AUTOTUNE 160 TO 211 MC WITH COND. RESISTORS 2/SO-239 1/2C26 TUBE. 7x5x5; 7 LBS. WITH TUBE \$2.95



RT-58/ARC-12 CHANNEL SELECTOR AND MOTOR ASSY. 10 POSITION AUTOTUNE MOTOR DRIVEN 26.5 VDC WITH 2 SHAFTS 60 RPM ALSO RELAYS. 4x6x3; 5 LB. #596C-1 \$2.95




BUZZER 24/28 VOLTS D.C IN SEALED CAN. TWO HOLE MTG. SIZE: 3x2x1; WT: 1 LB. #MH-12079 \$.75

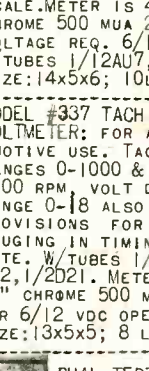


RATE-GYRO No. 8511364 28 VOLTS D.C GYRO MOTOR WITH POTENTIOMETER. WESTERN ELECTRIC GA-10147-3 SIZE: 2x2x4; WT: 3LB. \$4.95

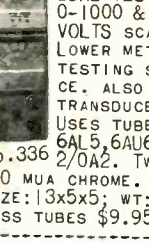
AUTOMOTIVE
THE AUTOMOTIVE TEST EQUIPMENT LISTED BELOW IS FROM THE HEYER INDUSTRIES DYNAMOVISION AND MOTOR TUNE-UP EQUIPMENT LINE MADE FOR SERVICE STATION USE AND EVEN THOUGH IT IS OF OLD DESIGN IT MAY BE STILL BE USED FOR WHAT IT WAS INTENDED BUT WE DO NOT MAKE ANY WARRANTY.



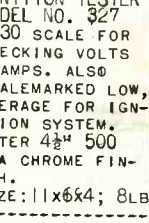
COIL & CONDENSER TESTER W/OHM METER FOR AUTOMOTIVE USE VIBRATOR SUPPLIES THE NORMAL CURRENT TO THE COIL AT PROPER DWELL. CAPACITORS ARE CHECKED FOR CAPACITY, LEAKAGE, RESISTANCE ETC ASIDE FROM THESE METER ALSO HAS A 100,000 OHM METER SCALE. METER IS 4 1/2" SATIN CHROME 500 MUA 2% ACCURACY. VOLTAGE REQ. 6/12 VDC #332 W/TUBES 1/12AU7, 1/0A2, 1/6X4 SIZE: 14x5x6; 10LBS \$14.95 U



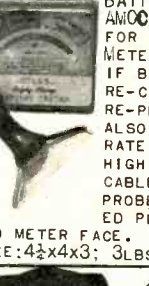
MODEL #337 TACH & VOLTMETER; FOR AUTOMOTIVE USE. TACH RANGES 0-1000 & 0-5000 RPM VOLT DC RANGE 0-18 ALSO PROVISIONS FOR PLUGGING IN TIMING LITE. W/TUBES 1/0A2, 1/2D21. METER 4 1/2" CHROME 500 MUA FOR 6/12 VDC OPER. SIZE: 13x5x5; 8 LBS. \$14.95 U




DUAL TESTER; R.P.M. 0-1000 & 0-5000 SC. VOLTS SCALE 0-18 VDC LOWER METER IS FOR TESTING SPARK ADVANCE. ALSO PUG FOR TRANSDUCER ADAPTER. USES TUBES 1 EA. 2D21 6AL5, 6AU6, 5696 AND No. 336 2/0A2. TWO 4 1/2" METER 500 MUA CHROME. COND. USED SIZE: 13x5x5; WT: 13 LBS. LESS TUBES \$9.95 W/TUBES \$15



IGNITION TESTER MODEL NO. 327 0-30 SCALE FOR CHECKING VOLTS & AMPS. ALSO SCALE MARKED LOW, AVERAGE FOR IGNITION SYSTEM. METER 4 1/2" 500 MUA CHROME FINISH. SIZE: 11x6x4; 8LBS. U \$14.95



BATTERY TESTER AMOCO 304B FOR 6/12 VDC METER 4 1/2" SHOWS IF BATT. NEEDS RE-CHARGING, RE-PLACEMENT ALSO CHARGING. RATE, LOW, NORMAL HIGH ETC. 3 FT. CABLE WITH TEST PROBE. RUGGEDIZED PLASTIC CASE AND METER FACE. SIZE: 4x4x3; 3LBS. NEW \$3.95



TACH. RPM. 100'S METER 0-70 SCALE, 1 MA. MOVEMENT SIZE 4x4 (NO CASES OR GLASS) #6412705 \$2.50
FAN SHAPED METER 0-70 SCALE 1 MA. MOVEMENT 3 1/2" (NO GLASS OR CASE) #186 \$1.50

MODULAR POWER SUPPLIES



LAMBDA MODULAR POWER SUPPLIES, RUGGED SOLID-STATE. REGULATED 0.03%. REMOVED FROM EQUIPMENT BUT IN EXCELLENT CONDITION. RATINGS ARE BASED ON A 60 HZ VAC INPUT; OUTPUT V-5% AND AMPS @ 40° CENTIGRADE.

MODEL	INPUT	OUTPUT	PRICE
LMB-5	105-132	5V	3.7A \$70.00
LMB-20	105-132	20V	2.7A 60.00
LMCC-5	105-132	5V	10.5A 100.00
LMCC-5V	205-250	5V	10.5A 100.00
LMCC-20	105-132	20V	5.0A 100.00
LMCC-20V	205-265	20V	5.0A 90.00
LMD-20	105-132	20V	7.4A 115.00
LMD-20V	205-265	20V	7.4A 115.00
LME-5	105-132	5V	20A 140.00

PACKAGE SIZE: (B) TYPE: 3 1/2 x 5 x 6 1/2; (CC): 5 x 5 x 9 1/2; (D): 5 x 7 1/2 x 9 1/2; (E): 5 x 7 1/2 x 11 1/2.

LRA-3 MOUNTING RACKS FOR THE ABOVE WILL HOLD THE FOLLOWING COMBINATIONS: 4 EA (A,B, OR C) 2 EA (D OR E); 2 EA (A,B, OR C) PLUS 1 EA (D OR E); 3 EA (CC). SIZE: 5 1/2 x 19 x 2 1/2. PRICE: UNUSED, \$17.95

LRA-6 RACK, HOLDS SAME COMBINATIONS AS LRA-3 BUT OFFERS BETTER SUPPORT. SIZE: 5 1/2 x 19 x 1 1/4. PRICE: UNUSED, \$29.95

OVER-VOLTAGE PROTECTORS FOR USE WITH THE ABOVE LAMBDA POWER SUPPLIES:

LM-OV-1	3-8 VDC	UNUSED-BOXED	\$15.00
LM-OV-2	6-20 VDC	UNUSED-BOXED	\$15.00
LM-OV-3	18-70 VDC	UNUSED-BOXED	\$15.00

LAMBDA HIGH CURRENT POWER SUPPLIES, LTD. QTY

LMF-5	3 1/2 x 19 x 16 1/2	105-132v.	5V 48A	\$300.
LMF-A-5	"	105-132v.	5V 31.5A	\$275.
LMF-5-OV-V	"	205-265v.	5V 48A	\$300.
LMF-20	"	105-132v.	20V 23A	\$250.
LMF-A-20	"	105-132v.	20V 16A	\$250.
LMF-20-V	"	205-265v.	20V 23A	\$250.

OTHER MANUFACTURER'S SOLID-STATE REGULATED POWER SUPPLIES WITH 60 HZ INPUT VOLTAGES:

CON AVIONICS	INPUT	OUTPUT	PRICE
HT-39-1.75A-5.15	115v.	39V 1.75A	\$50.
HT-20-5.6A-515	115v.	20V 5.6A	\$75.
HS-20-15.5-896	220v.	20V 15.5A	\$100.
NJE-HS-20-15.5-515	216-264v.	"	\$100.

DRESSER-BARNES WITH REMOTE SENSING,

26859	210-250v.	20V 3A	New \$60.
26858	210-250v.	20V 9A	New \$100.
27091	208, 220, 240v.	THREE PHASE, UNREGULATED, 10V 6A AND 50V 3A	New \$50.

ELECTROSTATICS MODEL 50; INPUT: 103-127 V. 50-400 HZ. OUTPUT: 18-22 VDC @ 2 AMPS. LESS COVER. 6 1/2 x 5 1/4. WT: 10 LBS. NEW \$35.

SOLID-STATE POWER



SOLID STATE POWER SUPPLY; REGULATED OUTPUT: 22 V. 8 AMPS. AND AN UNREGULATED 24 V. 2 AMP OUTPUT. POWER INPUT: 115/230 VAC 45-65 Hz. SIZE: 17 1/2 x 9 1/2 x 9 1/2. WT: 40 LBS. MILEX #321-1007G, UNUSED \$75.00

WANLESS 1-0EM IC POWER SUPPLY; OUTPUT: 24 V. @ 2.5 AMPS. REGULATED; AUTOMATIC FOLDBACK CURRENT LIMITING. FLOATING + AND - OUTPUTS. AC INPUT; SOLID-STATE. SIZE: 5 1/2 x 5 x 6; WT: 10 LBS. NEW, \$45.00



GENERATOR

GENERATOR G-24 AC-DC 115 V. 800 CYC 10.5 AMPS. 24 V. D.C. 60 SPLINE SHAFT SIZE 7/8 x 1 1/2. SIZE: 6 1/2 x 7 1/2 x 13; WT: 45 LBS. RE-COND. \$24.95

D.C. GENERATOR 30 V. 200 A. 4400 TO 8000 R.P.M. 1 x 1 1/2 IN SPLINED SHAFT, FLANGE MTG. SIZE: 10 1/2 x 6 x 8; WT: 36 LBS. GE#2CM637B RE-COND. \$24.95

VOLTAGE REGULATED POWER SUPPLIES



LAMBDA

MODEL #28 200-325 VDC @ 100 MA. & 6.3 VAC @ 3 A. RACK MTG. \$20

MODEL #28M WITH METERS \$30

MODEL #29M WITH METERS 100-200 VDC @ 100 MA. 6.3 VAC @ 3A. R-MTG \$35

MODEL #33M W/METERS 100-200 VDC @ 300 MA. 6.3 VAC 2/6.3V5A. R.M.\$45

MODEL #50M W/METERS 0-500 VDC @ 500 MA. W/VAR. TRANS. 2/6.3VAC5A. F/BENCH USE \$100

MODEL C-280 0-200 VDC @ 200 MA. 1/6.3 VAC 10 A. \$55.00

MODEL C-280M W/METERS \$65.00

MODEL C-281M W/METERS 125-325 VDC @ 200 MA. 6.3VAC@10A. RACK M \$40.

MODEL C-480 0-200 VDC @ 0-400 MA. 6.3 VAC@15A. W/VAR. TRANS RM \$65

MODEL C-480M W/METERS \$75

MODEL C-481M W/METERS 125-325 VDC @400 MA. 6.3VAC@10 RACK MTG \$50

MODEL #581M W/METERS 125-325 VDC @ 0-1500 MA. W/VAR. TRANS. 6.3VAC @ 30 A. RACK MTG. \$125

OREGON ELECTRONICS VARIABLE VOLTAGE REGULATED POWER SUPPLY. 0-150 & 0-600 VDC @ 500 MADC AND 6.3 VAC 10 A. MODEL D-6 RACK M \$50

SOLA D.C. POWER SUPPLY 281024-1 28 VDC @ 6 A. RACK MTG. \$40

MANY OTHER POWER SUPPLIES IN STOCK WRITE AND TELL US WHAT YOU REQUIRE

DYNAMOTORS

TYPE	USED	RENEW	TYPE	USED	RENEW
DM-25	2.95	4.95	D-401	6.95	6.95
DM-28	6.95		D-402	6.95	
DM-32	2.95	4.95	D-401(SPEC)	8.95	
DM-32(12 v)	4.95		DY-9	9.95	
DM-33	(WRITE AV)		DY-10	12.95	
DM-34	2.95	4.95	DY-17	12.95	
DM-35		20.00	DY-21	8.95	
DM-36	2.95	6.95	DY-22	9.95	
DM-37		13.00			
DM-40	5.95		DA-6A	8.95	
DM-41	5.95		DA-1F	11.00	
DM-42		15.00	DA-14	8.95	
DM-43		15.00			
DM-53	4.95		BD-77	19.95	
DM-53	5.95	(12V)	BD-83	8.95	
DM-64	7.95				

ADVISE US OF YOUR REQUIREMENTS OR WRITE FOR SPECS.

PE-86	5.95
PE-98	8.95 (COMP)
PE-98	4.95 (DYN)
PE-94	9.95

CARTER MA-2503; INPUT 6 VDC 6.3 A. OUTPUT 250 VDC 30 MA. SIZE 3 1/2 x 5 x 3; WT. 6 LBS. USED \$4.95

41S14 F/COLLINS 618; INPUT 27.5VDC 22 AMPS. OUTPUT 650 VDC 550 MA. & 250 VDC @ 150 MA. SIZE 9x14 N \$15

CARTER 633BS2B; INPUT 12 VDC 25 A. OUTPUT: 600-650 VDC @ 300 MA. SIZE: 6x4x3 1/2; 12 LBS. NEW \$20.00

INVERTERS



EICOR INVERTER X3516-1 INPUT: 27.5 VDC 165 AMPS. OUTPUT: 115 VOLT 400 CYCLE 2500 V.A 1 PHASE SIZE: 16x11 1/2x8; WT: 75 LBS. EXCELLENT COND. \$49.50

PE-218D INVERTER INPUT: 25/28 VDC 80-90 AMP OUTPUT: 115 V 400 CYCEE 13 AMP; 1 PHASE SIZE: 17x10x9; WT: 75 LBS. PRICE: UNUSED \$50.00

5D21N3A INVERTER INPUT: 27 VDC 35 AMPS. OUTPUT: 115 VAC 400 CYCLE 1 PHASE 2.17 AMPS. SIZE: 9x6 1/2x5 1/2; WT: 25 LBS. USED \$16.95 UNUSED \$24.95

MG-149F INVERTER INPUT: 24 VDC 36 A. 750 VA. OUTPUT: 115 V. 400 CYCLE 1 PHASE 500 VA & 26 V. 400 CYCLE 1 PHASE 250 VA. SIZE: 12x8 1/2x8; WT: 25 LBS. PRICE: GOV. RECORD. \$39.50

INVERTER INPUT 27.5VDC 60A OUTPUT 115 V 400 CY 750 W 3 PHASE 26 V 400 CY 50 W 1 PHASE SIZE 11x10x6; WT: 40 LBS. LELAND#10285 USED \$34.95

JACK & HEINTZ INVERTER INPUT: 27.5 VDC 150 AMPS. OUTPUT: 115/200 VAC 1/3 PHASE. 2250/2500 VA 400 CYC SIZE: 20x12x8; WT: 75 LBS. J&H F-45-3 OR EQUAL USED PRICE: USED, REPAIRABLE \$75

INPUT: 24 VDC @ 75 AMPS. OUTPUT: 115 V. 800 CYC. 1 PHASE 10.5 AMPS. WT: 35 LB. SIZE: 4 1/2 x 8 x 1 1/2. UNUSED \$14.95

JACK & HEINTZ F-132 INVERTER INPUT 27.5 VDC @ 100 AMPS. OUTPUT 115 V. 400 CYCLE 1500 VA 3 PHASE SIZE: 16 x 11 x 7; WT: 55 LBS. PRICE: USED \$75.00

F-147 INVERTER INPUT 27.5 VDC @ 180 AMPS. OUTPUT 115 V. 400 CYCLE 2500 VA 1 PHASE SIZE 18x11x7; WT: 75 LBS. PRICE: USED \$75.00

JACK & HEINTZ INVERTER #AN-3532-2 INPUT 27.5 VDC @ 20 AMPS. OUTPUT 115 VOLT 400 CYCLE, 3 PHASE, 250VA VOLTAGE REGULATED. SIZE: 12x7 1/2x4 1/2; WT: 20 LBS. FED#6125-617-0967 USED \$14.95 RE-COND. \$22.95

JACK & HEINTZ INVERTER #AN-3532-2 INPUT 27.5 VDC @ 20 AMPS. OUTPUT 115 VOLT 400 CYCLE, 3 PHASE, 250VA VOLTAGE REGULATED. SIZE: 12x7 1/2x4 1/2; WT: 20 LBS. FED#6125-617-0967 USED \$14.95 RE-COND. \$22.95

M4A1 PERISCOPE WITH TELESCOPE M77C, 1.5 POWER, COATED OPTICS, ERECT IMAGE ADJ. FOR ELEVATION AND DEPTH. ALSO MIRROR TYPE PRISMS EACH END OF PERISCOPE. SIZE: 6 1/2 x 11 x 1 1/2; WT: 9 LBS. PRICES: COMPLETE UNIT \$12. TELESCOPE LESS TELESCOPE \$7. PERISCOPE ONLY M77C \$1.50

VIBRATOR POWER SUPPLY, USED WITH AN/PIP-1A PUBLIC ADDRESS SYSTEM. INPUT: 5.2 TO 6.2 DC VOLTS; OUTPUT: 300 VDC 60MA, 50 VAC. SIZE: 4 1/2 x 3 1/2 x 2 1/2 3 LBS #H17VD-11077 NEW \$9.95

PE-104 POWER CONVERTER. 6 OR 12 VDC INPUT, OUTPUT 90 VDC, 1 1/2 VDC AND -45 VDC. SIZE: 4x4x7; WT: 10 LBS. NEW \$3.95 W/EXTRA VIB. \$4.95

PP-855/PRC-14 VIBRATOR POWER SUPPLY WITH FILTER NETWORK. 6 VOLTS DC INPUT, 5.35 AMP OUTPUT 135 VDC @ 155 MA. SIZE: 7 1/2 x 2 1/2 x 2 1/2; WT: 3 LBS. NEW \$4.95






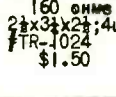
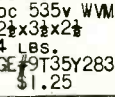
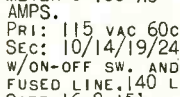
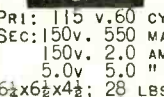


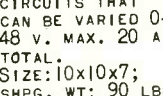





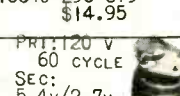

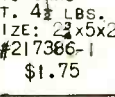

DUAL SIX VOLT D.C. VIBRATOR POWER SUPPLY. OUTPUT 540 VDC @ 150 MA. CAN BE TAPPED AT 270 VDC. WITH 2/024 TUBES. SIZE: 9x6x5; WT: 10 LBS. STK#3H6694-5 NEW \$7.95

PE-237 POWER SUPPLY FOR BC-1306 GRC-9

VIBRATOR TYPE WITH 1005 & 1006 TUBES ALSO VB-16 VIB. VOLATGE REQ. 6 OR 12 OR 24 VDC, OUTPUT 525 VDC @ 90MA 105 VDC @ 42 MA. 6.5 VDC @ 2 AMP, 6 VDC @ 500 MA. 1.3 VDC @ 450 MA. & 130 VD @ 17 MA. SIZE: 10x10x17; WT: 85 LBS. RE-COND. \$19.95

PE-120 POWER SUPPLY FOR BC-659 BC-620 TRANS. RECEIVER. VIBRATOR TYPE VOLTAGE REGULATED. WITH TUBES VR-105/OB-3, 1005 & BALLAS VOLTAGE INPUT 6 OR 12 OR 24 DC OUTPUT 145 @ 175 MA, 90 @ 40 MA & 1.5 @ .75 AMP. SIZE: 4 1/2 x 13 1/2 x 15 1/2; WT: 30 LBS. RE-COND. \$7.95

PP-18 CONVERTER 12 VDC 4 AMP TO 24 VDC 1.5 AMP. PARRALEL FOR MORE CURRENT. WITH SPARE VIBRATOR & 3500 MFD. 25 VOLT CAP. ALSO PLUG SIZE: 6 1/2 x 5 1/2 x 8 1/2; WT: 10 LBS. NEW \$4.95

<p>AUTO-TRANSFORMER 0-107-115-122-210-230-250 v. 60Hz 1.5KVA W/ON-OFF SW. 3 SLO BLO FUSES & INDICATORS 5x13x7$\frac{1}{2}$; 40LB. KS2833 \$15.</p>	 <p>8 HY 100 MA 160 OHMS 2$\frac{1}{2}$x3$\frac{1}{2}$x4$\frac{1}{2}$; 4LB #TR-1024 \$1.50</p>	 <p>5-.25 HY @ 2-.6 ADC 7OHMS MAX DC 535V WVM 2$\frac{1}{2}$x3$\frac{1}{2}$x2$\frac{1}{2}$; 4 LBS. GE#9T35Y283 \$1.25</p>	<p>25 HY 35 MA DO 1070 MV 2x3x2; 2LBS GE#7415231 \$1.79</p>		 <p>TRANSFORMER WITH METER 0-100 AC AMPS. PRI: 115 VAC 60CY Sec: 10/14/19/24 W/ON-OFF SW. AND FUSED LINE. 140 LB SIZE: 16x8x15$\frac{1}{2}$; 5950-537-4950 PRICE: \$39.50</p>	 <p>PRI: 115 v. 60 CYC Sec: 150v. 550 MA 150v. 2.0 AMF 5.0v 5.0 " 6$\frac{1}{2}$x6$\frac{1}{2}$x4$\frac{1}{2}$; 28 LBS. 5950-5950-537-4950 \$6.95 5950-481-3482 \$6.95</p>
<p>FILAMENT TRANS. PRI: 215 V 60CY 71V.A. SEC: 11.5VCT4.3A 4$\frac{1}{2}$x3$\frac{1}{2}$x3$\frac{1}{2}$; 7LBS. #199-2255 \$3.95</p>			<p>DUAL CHOKE 11 HY 100 MA 200 OHMS 4x4x5$\frac{1}{2}$ WT 8 #3C557F-1 \$1.75</p>	<p>DAVIS DIMMER AUTO TRANSFORMER 230 VOLT 60 CYCLE 1 PHASE WITH 5 48 VOLT CIRCUITS THAT CAN BE VARIED 0-48 V. MAX. 20 A. TOTAL. SIZE: 10x10x7; SHPG. WT. 90 LBS #GR-3 \$19.95</p>		
<p>PRI: 115 VOLT 50/60 HZ SEC: 230 V 2.2 A. 4AOC HALF WAVE. SIZE: 6x5$\frac{1}{2}$x7$\frac{1}{2}$; 35 LBS. FGC-29/7F1A03YY \$12</p>			<p>11 HY 500MA 1350 VAC @ 120CY 7x6x9$\frac{1}{2}$ WT. 42 L ITC NO. DC-6281 PRICE: \$8.95</p>			
<p>PRI: 0/116/120/124v. 60CY. SEC: 126v. 1.1A. 114v. 1.0A. TF4RX01YY 8$\frac{1}{2}$x5$\frac{1}{2}$x4$\frac{1}{2}$; .27 LBS. K95-1476 \$7.95</p>	<p>30 HY 70 MA 550 OHM 2$\frac{1}{2}$x2$\frac{1}{2}$x3$\frac{1}{2}$ 1LB #3C325-6 \$1.25</p>	<p>TOBE FILTERETTE 7.5 AMPS. 500 VDC TEST 2$\frac{1}{2}$x1$\frac{1}{2}$x1$\frac{1}{2}$ LE 5915-504-1448 1426/7966 \$1</p>	<p>10 HYS 500 MA 45 OHM DC RES 500 WORK VOLTS #5950-646-1383 \$5.95</p>	<p>MULTI-VOLTAGE ISOLATION TRANS. PRI: 73/88/95/105/115/125/190/210/230/250. 50/60 CY SEC: 17.6/35.2/189 193/196/200/203 @ 1.6 AMP. 9$\frac{1}{2}$x4$\frac{1}{2}$x7$\frac{1}{2}$; 40 LBS. 229619-6 \$14.95</p>	<p>PRI: 115 v. 60 CYC SEC: 8.5 v. 54 AMF OR 7.5 v. 48 " OR 7.5 v. 32 " SIZE: 6x7$\frac{1}{2}$x9; 50 LB #3340-296-879 \$14.95</p>	<p>PRI: 117.5v 60CYC Sec: 525VCT125 MA. 6.3v 6.3 A. 5.0v 2.0 A. 4x5x5; 15 LBS. JEFFERSOND-12A646 \$4.95</p>
<p>CHOKES</p>						
<p>8 HY 100 MA 160 OHM 2$\frac{1}{2}$x3$\frac{1}{2}$x2$\frac{1}{2}$; 3 LB. #TR-1024 \$1.50</p>			<p>14 HY 125MA 275 OHMS. 2$\frac{1}{2}$x3$\frac{1}{2}$x5$\frac{1}{2}$; 308-708-060 \$1.25</p>			
<p>10 HY 0-1 AMP DC @ 10v. 60 HZ, 268 OHMS. 2$\frac{1}{2}$x3$\frac{1}{2}$x2$\frac{1}{2}$; 4 LB #6467 \$1.75</p>	<p>1.5 HY 1.5 AMP 5000 V. TEST 8$\frac{1}{2}$x8$\frac{1}{2}$x6$\frac{1}{2}$; SHPG. WT: 60 LB 5950-159-6041 \$14.95</p>	<p>10 HY 150MA 210 OHMS WT. 4$\frac{1}{2}$ LBS. SIZE: 2$\frac{1}{2}$x5x2$\frac{1}{2}$ #217366-1 \$1.75</p>	<p>17 HY 80 MA 300 OHM 2$\frac{1}{2}$x2$\frac{1}{2}$x3 WT. 2 #3C326-318</p>	<p>PRI: 115/230v 50/60 CYC SEC: 444VCT 97 MA. 6.5VCT 3.2 A. 12.4V 390 MA. 4x4x3$\frac{1}{2}$; 8 LBS. 5950-376-9600 \$3.95</p>	<p>PRI: 115 V 60 CYC SEC: 5.4v/2.7v @15A 5VCT @15A WITH INSULATOR & TUBE SOCKET C6 5950-553-5572 \$14.95</p>	<p>PRI: 115 V 60 CYC SEC: 2.65v 3.5 A 2.65v 3.5 A 6.3v 3.5 A SIZE: 3$\frac{1}{2}$x5x3$\frac{1}{2}$; 8LB #8NJT-166 \$2.50</p>
<p>5 TO 42 HY 160 OHMS, 130 TO 200 MA 3$\frac{1}{2}$x3x4; WT: 7 LBS. #5950-646-0561 \$1.75</p>	<p>CHOKES LOW VOLTAGE HY UNKNOWN LEEP6580 3 AMP. \$1.95 LEEP6433 9 AMP. \$3.95 SIZE: 2$\frac{1}{2}$x3x2$\frac{1}{2}$; 3 LBS. 3 HY @ 6.24A. 61 OHM: 3$\frac{1}{2}$x3x3$\frac{1}{2}$; #814-2421 \$3.95</p>		<p>REACTOR FILTER CHOKE INDUCTANCE 3 HY. RES. 30 OHM, 350 MA DC 2000 V. PK. SIZE: 3$\frac{1}{2}$x4$\frac{1}{2}$x2$\frac{1}{2}$; WT: 6 LBS. L-225/PP-115 \$2.50</p>	<p>PRI: 220, 230, 240 SEC: 14v @ 5A 20v @ 5A 4x4$\frac{1}{2}$x5$\frac{1}{2}$ WT. 12 LB CS8779A \$5.95</p>	<p>POWERSTAT 136B/1191, INPUT 115V 60HZ, OUTPUT 105-135V. 35 AMP OPEN FRAME #40.UU</p>	
<p>12 HY 210 MA 50 OHM; 5x6x4$\frac{1}{2}$; 14 LBS. #3C316-33 \$2.50</p>	<p>140 HY @ 5v. 60 HZ; 10 MA DC 2700 OHMS. 2$\frac{1}{2}$x2$\frac{1}{2}$x3$\frac{1}{2}$; 3 LBS. #HA-81-C \$2.95</p>	<p>10 HY 415 MA RES. 60 OHMS TEST V 1800 SIZE 4x5x3$\frac{1}{2}$ WT: 12 LBS. 5950-645-9675 \$4.95</p>	<p>PRI: 117v 50-60CYC SEC: 3/5v CT @ 2A 2/5v CT @ 2A 2/2.5v @ 10A 7x4x3$\frac{1}{2}$ WT. 12 LB GILFILLAN #54148-1 PRICE: \$5.95</p>	<p>PRI: 120v 50-60 cyc 37 vA SEC: 5VCT @ 2A 6.3v @ 1A 5VCT @ 4A 3x3$\frac{1}{2}$x5 WT. 7 LB BENDIX#1217336-1 PRICE: \$3.95</p>	<p>IGNITION TRANSFORMER PRI: 230v 50/60 CY SEC: 5000v 18 MA ONE END GND. 6x4$\frac{1}{2}$x3$\frac{1}{2}$; 12 LBS. 5950-999-5369 \$7.95</p>	<p>POWERSTAT TYPE 108 115 VOLT 60 HZ 0-132 2.25 AMP \$14.95 STACO 300BU 120 v 50/60 HZ 0-140 v. 3 AMP. \$17.95</p>
<p>8 HY 300 MA RES. 90 OHM WT: 7$\frac{1}{2}$ LBS. 8x3$\frac{1}{2}$x4$\frac{1}{2}$; 3340-310-190 \$5.95</p>	<p>BENDIX CHOKES 12 HY @ 400 MADDC 100 OHM 5x6x4$\frac{1}{2}$; 20 LBS #L217434-1 \$7 5 HY @ 400 MADDC 60 OHMS. 4x5$\frac{1}{2}$x4$\frac{1}{2}$; 12 LBS #L217432-1 \$5</p>	<p>CHOKE 10 HENRY @ 200 MA 135 OHMS 2000 VRMS 60 CYC 3$\frac{1}{2}$x3x5 WT. 9LB BENDIX#L217380-1 PRICE: \$3.95</p>	<p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4$\frac{1}{2}$x5$\frac{1}{2}$x7 18 LBS. #5950-645-3891 \$6.95</p>	<p>PRI: 120v 50-60 cyc 37 vA SEC: 5VCT @ 2A 6.3v @ 1A 5VCT @ 4A 3x3$\frac{1}{2}$x5 WT. 7 LB BENDIX#1217336-1 PRICE: \$3.95</p>	<p>POWERSTAT 1177-3 240 v. 3PH 0-240 v 10 AMP. \$65.00</p>	<p>POWERSTAT 51290 115 v 50/60 HZ 0-135 v 7.5 A. \$22.95</p>
<p>6 HY 80 MA P/O TG-10 2$\frac{1}{2}$x2x2, 1$\frac{1}{2}$ LB #27294 \$1.89</p>	<p>5 HY 50 MA RES. 250 OHM 2x2x2$\frac{1}{2}$; 1$\frac{1}{2}$ LB #3C3672 \$1.75</p>	<p>10 HY 150 MA RES. 100 OHM TEST 3000 V SIZE 3$\frac{1}{2}$x4x3 WT: 7 LBS. 3C323-6220 \$1.95</p>	<p>PRI: 200, 220, 240 VOLT 50 CPS SEC: 5VCT @ 20 AMP 4$\frac{1}{2}$x5$\frac{1}{2}$x7 18 LBS. #5950-645-3891 \$6.95</p>	<p>POWERSTAT VARIABLE TRANSFORMER: INPUT 115/230v 50/60 cy OUTPUT: 30v @ 25A /15-0-15 35 AMPS. MAX. KVA. 0.75 SIZE: 7x8x5 SHAFT 1x1$\frac{1}{2}$; WT: 25 LBS. POWERSTAT#LW136U USED \$25</p>	<p>GRV-5 VARIAC, 115 v. 60CYC OUTPUT 0-135v 6 AMPS. 5950-583-1507 \$18.95</p>	<p>GR-M20BB VARIAC, 120v 350CYC 20 AMPS. MOTORIZED, 1 PHASE 5950-739-7734 \$45.00</p>
<p>8 HY 80 MA P/O TG-10 2$\frac{1}{2}$x2x2, 1$\frac{1}{2}$ LB #27294 \$1.89</p>	<p>5 HY 50 MA RES. 250 OHM 2x2x2$\frac{1}{2}$; 1$\frac{1}{2}$ LB #3C3672 \$1.75</p>	<p>10 HY 150 MA RES. 100 OHM TEST 3000 V SIZE 3$\frac{1}{2}$x4x3 WT: 7 LBS. 3C323-6220 \$1.95</p>	<p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4$\frac{1}{2}$x5$\frac{1}{2}$x7 18 LBS. #5950-645-3891 \$6.95</p>	<p>POWERSTAT VARIABLE TRANSFORMER: INPUT 115/230v 50/60 cy OUTPUT: 30v @ 25A /15-0-15 35 AMPS. MAX. KVA. 0.75 SIZE: 7x8x5 SHAFT 1x1$\frac{1}{2}$; WT: 25 LBS. POWERSTAT#LW136U USED \$25</p>	<p>GRV-5 VARIAC, 115 v. 60CYC OUTPUT 0-135v 6 AMPS. 5950-583-1507 \$18.95</p>	<p>GR-M20BB VARIAC, 120v 350CYC 20 AMPS. MOTORIZED, 1 PHASE 5950-739-7734 \$45.00</p>
<p>6 HY 80 MA P/O TG-10 2$\frac{1}{2}$x2x2, 1$\frac{1}{2}$ LB #27294 \$1.89</p>	<p>5 HY 50 MA RES. 250 OHM 2x2x2$\frac{1}{2}$; 1$\frac{1}{2}$ LB #3C3672 \$1.75</p>	<p>10 HY 150 MA RES. 100 OHM TEST 3000 V SIZE 3$\frac{1}{2}$x4x3 WT: 7 LBS. 3C323-6220 \$1.95</p>	<p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4$\frac{1}{2}$x5$\frac{1}{2}$x7 18 LBS. #5950-645-3891 \$6.95</p>	<p>POWERSTAT VARIABLE TRANSFORMER: INPUT 115/230v 50/60 cy OUTPUT: 30v @ 25A /15-0-15 35 AMPS. MAX. KVA. 0.75 SIZE: 7x8x5 SHAFT 1x1$\frac{1}{2}$; WT: 25 LBS. POWERSTAT#LW136U USED \$25</p>	<p>GRV-5 VARIAC, 115 v. 60CYC OUTPUT 0-135v 6 AMPS. 5950-583-1507 \$18.95</p>	<p>GR-M20BB VARIAC, 120v 350CYC 20 AMPS. MOTORIZED, 1 PHASE 5950-739-7734 \$45.00</p>
<p>6 HY 80 MA P/O TG-10 2$\frac{1}{2}$x2x2, 1$\frac{1}{2}$ LB #27294 \$1.89</p>	<p>5 HY 50 MA RES. 250 OHM 2x2x2$\frac{1}{2}$; 1$\frac{1}{2}$ LB #3C3672 \$1.75</p>	<p>10 HY 150 MA RES. 100 OHM TEST 3000 V SIZE 3$\frac{1}{2}$x4x3 WT: 7 LBS. 3C323-6220 \$1.95</p>	<p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4$\frac{1}{2}$x5$\frac{1}{2}$x7 18 LBS. #5950-645-3891 \$6.95</p>	<p>POWERSTAT VARIABLE TRANSFORMER: INPUT 115/230v 50/60 cy OUTPUT: 30v @ 25A /15-0-15 35 AMPS. MAX. KVA. 0.75 SIZE: 7x8x5 SHAFT 1x1$\frac{1}{2}$; WT: 25 LBS. POWERSTAT#LW136U USED \$25</p>	<p>GRV-5 VARIAC, 115 v. 60CYC OUTPUT 0-135v 6 AMPS. 5950-583-1507 \$18.95</p>	<p>GR-M20BB VARIAC, 120v 350CYC 20 AMPS. MOTORIZED, 1 PHASE 5950-739-7734 \$45.00</p>
<p>6 HY 80 MA P/O TG-10 2$\frac{1}{2}$x2x2, 1$\frac{1}{2}$ LB #27294 \$1.89</p>	<p>5 HY 50 MA RES. 250 OHM 2x2x2$\frac{1}{2}$; 1$\frac{1}{2}$ LB #3C3672 \$1.75</p>	<p>10 HY 150 MA RES. 100 OHM TEST 3000 V SIZE 3$\frac{1}{2}$x4x3 WT: 7 LBS. 3C323-6220 \$1.95</p>	<p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4$\frac{1}{2}$x5$\frac{1}{2}$x7 18 LBS. #5950-645-3891 \$6.95</p>	<p>POWERSTAT VARIABLE TRANSFORMER: INPUT 115/230v 50/60 cy OUTPUT: 30v @ 25A /15-0-15 35 AMPS. MAX. KVA. 0.75 SIZE: 7x8x5 SHAFT 1x1$\frac{1}{2}$; WT: 25 LBS. POWERSTAT#LW136U USED \$25</p>	<p>GRV-5 VARIAC, 115 v. 60CYC OUTPUT 0-135v 6 AMPS. 5950-583-1507 \$18.95</p>	<p>GR-M20BB VARIAC, 120v 350CYC 20 AMPS. MOTORIZED, 1 PHASE 5950-739-7734 \$45.00</p>
<p>6 HY 80 MA P/O TG-10 2$\frac{1}{2}$x2x2, 1$\frac{1}{2}$ LB #27294 \$1.89</p>	<p>5 HY 50 MA RES. 250 OHM 2x2x2$\frac{1}{2}$; 1$\frac{1}{2}$ LB #3C3672 \$1.75</p>	<p>10 HY 150 MA RES. 100 OHM TEST 3000 V SIZE 3$\frac{1}{2}$x4x3 WT: 7 LBS. 3C323-6220 \$1.95</p>	<p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4$\frac{1}{2}$x5$\frac{1}{2}$x7 18 LBS. #5950-645-3891 \$6.95</p>	<p>POWERSTAT VARIABLE TRANSFORMER: INPUT 115/230v 50/60 cy OUTPUT: 30v @ 25A /15-0-15 35 AMPS. MAX. KVA. 0.75 SIZE: 7x8x5 SHAFT 1x1$\frac{1}{2}$; WT: 25 LBS. POWERSTAT#LW136U USED \$25</p>	<p>GRV-5 VARIAC, 115 v. 60CYC OUTPUT 0-135v 6 AMPS. 5950-583-1507 \$18.95</p>	<p>GR-M20BB VARIAC, 120v 350CYC 20 AMPS. MOTORIZED, 1 PHASE 5950-739-7734 \$45.00</p>
<p>6 HY 80 MA P/O TG-10 2$\frac{1}{2}$x2x2, 1$\frac{1}{2}$ LB #27294 \$1.89</p>	<p>5 HY 50 MA RES. 250 OHM 2x2x2$\frac{1}{2}$; 1$\frac{1}{2}$ LB #3C3672 \$1.75</p>	<p>10 HY 150 MA RES. 100 OHM TEST 3000 V SIZE 3$\frac{1}{2}$x4x3 WT: 7 LBS. 3C323-6220 \$1.95</p>	<p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4$\frac{1}{2}$x5$\frac{1}{2}$x7 18 LBS. #5950-645-3891 \$6.95</p>	<p>POWERSTAT VARIABLE TRANSFORMER: INPUT 115/230v 50/60 cy OUTPUT: 30v @ 25A /15-0-15 35 AMPS. MAX. KVA. 0.75 SIZE: 7x8x5 SHAFT 1x1$\frac{1}{2}$; WT: 25 LBS. POWERSTAT#LW136U USED \$25</p>	<p>GRV-5 VARIAC, 115 v. 60CYC OUTPUT 0-135v 6 AMPS. 5950-583-1507 \$18.95</p>	<p>GR-M20BB VARIAC, 120v 350CYC 20 AMPS. MOTORIZED, 1 PHASE 5950-739-7734 \$45.00</p>
<p>6 HY 80 MA P/O TG-10 2$\frac{1}{2}$x2x2, 1$\frac{1}{2}$ LB #27294 \$1.89</p>	<p>5 HY 50 MA RES. 250 OHM 2x2x2$\frac{1}{2}$; 1$\frac{1}{2}$ LB #3C3672 \$1.75</p>	<p>10 HY 150 MA RES. 100 OHM TEST 3000 V SIZE 3$\frac{1}{2}$x4x3 WT: 7 LBS. 3C323-6220 \$1.95</p>	<p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4$\frac{1}{2}$x5$\frac{1}{2}$x7 18 LBS. #5950-645-3891 \$6.95</p>	<p>POWERSTAT VARIABLE TRANSFORMER: INPUT 115/230v 50/60 cy OUTPUT: 30v @ 25A /15-0-15 35 AMPS. MAX. KVA. 0.75 SIZE: 7x8x5 SHAFT 1x1$\frac{1}{2}$; WT: 25 LBS. POWERSTAT#LW136U USED \$25</p>	<p>GRV-5 VARIAC, 115 v. 60CYC OUTPUT 0-135v 6 AMPS. 5950-583-1507 \$18.95</p>	<p>GR-M20BB VARIAC, 120v 350CYC 20 AMPS. MOTORIZED, 1 PHASE 5950-739-7734 \$45.00</p>
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ANTENNAS

MP-22 MAST SECTION MOUNTING BASE WITH SWIVEL THAT WILL TIP TO 90 DEGREES, RIGHT OR LEFT AND WILL LOCK IN THE VERTICAL POSITION. WILL TAKE MS-53 OR MS-54 MASTS AS THE STARTING SECTION. MOUNTING PLATE SIZE: 5x6 HEIGHT OF BASE 10". WT: 10 LBS. \$4.95

MP-22A SAME AS ABOVE EXCEPT THE STARTING SECTION IS MS-51 AND YOU CAN ADD MS-50 & MS-49. \$4.75



Mast Sections

3 ft. Tubular steel, cooper coated and painted sections. These screw together to make any desired length. MS-49 being the top & smallest section increasing in size through MS-50-51-52-53 to MS-54 being the larger one. Either the MS-53 or MS-54 will fit together to form any additional height desired. Example a 33 ft. vertical may consist of one each MS-49, 50, 51, 52, and 7 each of MS-53 or it may be finished out on the bottom with 6 MS-54 sections. Self support to about 18ft. Average wt. app. 3/4lbs. MS-49-50-51-52-53 .50gea.



ADAPTER BASE WITH INSULATOR, MAST SECTIONS MS-52 OR MS-53 WILL SCREW INTO THE TOP, AND ADAPTER BOTTOM WILL SCREW INTO MS-52 OR MS-53. CAN BE USED TO ISOLATE SECTIONS OF WHIP OR DIPOLE. SIZE: 1 1/2" x 8"; 1 1/2" LB. NT-66023 \$1.95

GROUND PLANE ANTENNA; MADE FROM HEAVY SURPLUS INSULATED BASE USING SCREW-IN TYPE SECTIONS AND MOUNTS ON 1" PIPE. FOR USE IN 25-50 MHZ RANGE. ONLY. SPECIFY FREQ. SHPG. WT: 10 LB. GP48 \$24.00

AN-45 ANTENNA TELESCOPIC, 8 FT. EXTENDED, 17 1/2" COLLAPSED, MONEL METAL, REG. STUC FOR MOUNTING 5/16-18 THREA. SHPG. WT. 1 LB. NEW \$2.95



CU-168 ANTENNA COUPLER; PROVIDES MEANS FOR OPERATING 5 RECEIVERS FROM ONE ANT. UNBALANCED LINE INPUT NOM. IMPEDANCE 70 OHMS ON OUTPUT ALSO. FREQ. RANGE 2 - 32 MC. EACH COUPLING CIRCUIT HAS 4/12AU7 TUBES. POWER REQ. FOR MOUNTING 5/16-18 THREA. COAX. CONN. & MANUAL. WT: 75 LBS. UNUSUED \$29.95

AB-15 BASE FOR WHIP ANTENNA SECTIONS MS-116-117-118 ALSO AB-21-22-23-24. SPRING ACTION WITH INSULATOR 3/4"x3" AND COAXIAL CONNECTOR FOR USE WITH PL-259, REQUIRES 2" HOLE FOR MOUNTING. SIZE 15 x 3 WT: 2 LBS. USED

WHIP ANTENNA MAST SECTIONS FOR USE WITH AB-15 MAST BASE MS-116 LARGEST SECTION 39 3/4" LG. DIA. .393 ONE OR MORE CAN BE USED, MS-117 & 118 FOR TAPER 39 3/4" LG. \$1.50 PER. SEC.

AB-243/G SIDE MTG. FOR AB-15 BASE, WITH 2" MTG. HOLE. SIZE: 10 1/2"x7x4 1/2"; WT: 8 LB \$4.95



A-27 PHANTOM ANTENNA USED WITH BC-375 BC-191 100 WATT TRANSMITTERS FOR TUNING AND LOADING, CONTAINS 0-150 MMF WIDE SPACED VARIABLE CAPACITOR 3/16 SPACING, 2/12 OHM 40 W. NON-INDUCTIVE RES. IN METAL BOX WITH KNOB AND SCALE 0-100, BINDING POST ETC. SIZE: 3 1/2"x7x4 1/2"; WT: 3 LBS. PRICE: RE-NEW \$3.95

MP-73 GROUND PLANE MOUNTING BASE DESIGNED TO BE USED WITH MAST SECTIONS AB-21, 22, MS-116, 117 THAT SCREW TOGETHER TO MAKE DESIRED LENGTH FOR FREQ. REQUIRED. HAS SO-239 COAX. RECEPTACLE AND PROVISIONS FOR MOUNTING TO POLE TREE OR CORNER OF BUILDING. THE MOUNTING HOLES FOR THE VERTICAL ANT. AND THE RADIALS ARE 5/16" DIAMETER. SIZE: 10x15x6; WT: 10 LBS. PRICE: NEW \$9.95



AB-21, 22 OR MS-116, 117 MAST SECTIONS ARE AVAILABLE NOW! MS-51 MAST SECTION SHOWN ELSE WHERE ON THIS PAGE WILL FIT BUT WILL HAVE TO BE FASTENED IN WITH BOLTS AND NUTS TO MAKE A GOOD CONNECTION. THE SAME GOES FOR AN-109 WHIP ANT.

AN-109 WHIP ANTENNA 5 FT. TAPERED 1/4 TO 1/8 W/3" SQ. BASE. \$1.50 EA. 4 FOR \$5.
AN-119 WHIP ANTENNA 6 FT. TAPERED 1/2 TO 1/8 THREAD 1/2"x20 \$1.50 EA. 4 FOR \$5.
AN-130 WHIP GOOSENECK 30" SCREW BASE FITS BC-1000, PRC ETC. \$1.50 EA. 4 FOR \$5.
AT-272 GOOSENECK BASE 8" USED WITH FLAT ANT. ON PRC SETS. \$1.50 EA.
AT-272 FLAT ANTENNA 30" USED WITH ABOVE BASE FOR PRC SETS. \$1.50 EA.

MP-74 GOOSENECK BASE FOR MAST SECTION AB-23 OR MS-118, 14" LG. WITH SPADE TYPE BRACKET FOR SIDE MOUNTING. \$1.50 4/\$5.

M-422 ADAPTER FOR USING MS-116-117-118 OR AB-21-22-23-24 MAST SECTIONS WITH BC-1000 & PRC SERIES SETS IN THE LONG ANTENNA RECEPTACLE, 7 1/2" LG. \$1.50 EA 4/\$5.

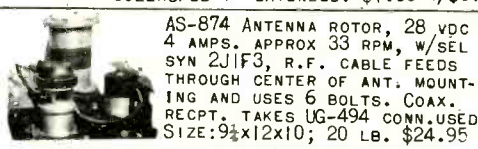
FIBERGLASS WHIP ANT. 82" LG. FOR 27 TO 39 MHZ 1" SC. BOTTOM. (NOT MAILABLE) #9735 \$5.00

UPM-1 DIPOLE ANTENNA FOR USE IN THE 155 TO 235 AND 460-570 MHZ BANDS. BASE STANDS 21" HIGH FOR FLAT MOUNTING ALSO HAS ADJUSTABLE BRACKET FOR POLE MOUNTING. AT-50 FOR USE IN LOW BAND. \$14.95 AT-51 FOR USE IN HIGH BAND. \$14.95

AT-598 ANTENNA TAPERED 30" LG. WITH CAST BASE AND COAX. RECEPTACLE FOR UG-100 A/U CONNECTOR. \$1.50 EA. 4/\$5.00 MATCHING COAXIAL LINE WITH 2/UG-100A ON 14" OF RG-14 \$3.00

AN-20T ANTENNA TELESCOPING 20" EXTENDED, 8 1/2" COLLAPSED, CHROME. 50¢ EA. 5/\$2.00

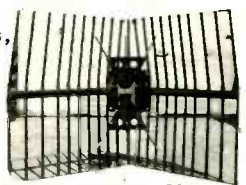
GOI-51048 TELESCOPING WHIP ANTENNA, 15" COLLAPSED 7' EXTENDED. \$1.50 4/\$5.



AS-874 ANTENNA ROTOR, 28 VDC 4 AMPS. APPROX 33 RPM, W/SEL SYN 2J1F3, R.F. CABLE FEEDS THROUGH CENTER OF ANT. MOUNTING AND USES 6 BOLTS. COAX. RECEPT. TAKES UG-494 CONN. USED SIZE: 9 1/2"x12x10; 20 LB. \$24.95

DIPOLE ANTENNA

AT-880 DIPOLE ANTENNA WITH CORNER REFLECTORS, FREQUENCY APPROX. 200 TO 300 MHZ. DIPOLE HAS ADJUSTABLE ELEMENTS WHICH EXTEND SPREAD FROM 12"L X 7"W TO 21"L X 15"W. DIPOLE STANDS 14" OFF MTG. BASE. TWO REFLECTORS ARE AT 45° ANGLE TO DIPOLE, 32" HIGH AND 40" ACROSS. FOLDS TO 32x7x30. MOUNTS ONTO 2" DIA. MAST. ALUMINUM. SHPG. WT: 35 LBS. PRICE: UNUSUED, \$25.00



MATCHING NETWORK

AN/GRA-93 ANTENNA GROUP WITH CU-1696 IMPEDANCE MATCHING NETWORK USED FROM 2.0 TO 30 MHZ. CU-1696 HAS THREE VARIABLE CAPACITORS FOR ITS TUNING AND TWO PRESET CIRCUITS. BANDSWITCH POSITIONS ARE PROVIDED ON CASE. SIZE: 5x7 1/2"x7. GRA-93 GROUP ALSO INCLUDES 30' TWELVE SECTION MAST (TAPER 1 1/2" TO 1") WITH INSULATOR SECTION. PLUS THE FOLLOWING: 2 REELS OF TWO 60' LENGTHS COPPER ANTENNA WIRE; 1 REEL OF TWO 60' LENGTHS COPPER LEAD-IN WIRE; 328' NYLON GUY WIRE (4 EA 38' & 29' AND ONE 60' LENGTHS); TWO MAST BASES; AND OTHER ACCESSORIES. NYLON TOTE BAG FOR THE ENTIRE SET. SHPG. WT: 17 LBS. PRICE: UNUSUED \$27.95



AS-813/TRC-47 GROUND PLANE TYPE CORNER REFLECTOR FOR USE IN THE 132 TO 150 MHZ BAND, 50 OHM IMPEDANCE. TRIANGULAR ALUMINUM FRAME AND EXPANDED ALUMINUM BASE. TWO SIDE 65" OTHER 89", 16 VERTICAL RODS, 16 VERT. RODS SCREW INTO FRAME AND RADIATING STUB INTO CENTER AND IS ADJUSTABLE 17 TO 21 1/2". MOUNTING BRACKET FOR POLE OR MAST. SHPG. WT. 55 LBS. MOTOR FREIGHT ONLY. PRICE: \$15.00

AS-125/APR ANTENNA FOR USE WITH RECEIVERS IN THE 1000 TO 6000 MHZ RANGE. HAS 6" MOUNTING RING WITH HARDWARE AND UG-22 COAXIAL RECEPTACLE. SIZE: 6x8; 4 LBS. NEW \$4.95
UG-21 COAX. CONN. TO FIT 50¢ AS-69/APT ANTENNA FOR 535 TO 700 MHZ. RANGE. HAS 2 CROSS DIPOLES BENT DOWN FOR 1/2 WAVE TRANS. AND PHASING. SIZE: 9 1/2"x8; WT: 8 LBS. TAKES UG-21 \$7.95

ANTENNA COUPLER REMOTE OPERATION 2 TO 24 MHZ, 200 WATTS APPROX. MOTORIZED VACUUM CAPACITOR 300 MMF 7500 V., ROTARY INDUCTOR, SERVO M.O. FAN, 10 RELAYS SWITCHES, CAPACITORS RES. ETC. TUBES 5727 4 EA., 2/5670, 3/6201, #5821-658-3692 SIZE: 24x7x8; WT: 25 LBS. USED \$29.95

BC-306 ANTENNA TUNING UNIT; USED TO MATCH ANTENNA TO REC. OR TRAN 150-800 KH RANGE W/VARIOMETER, TAPPED COIL SW. VERNEIR DIAL ETC. SIZE: 18x9 1/2"x9 1/2"; 15 LBS, NEW \$5.95

REFLECTORS MICROWAVE, PLANE TYPE CONFIGURATION, ALUMINUM, WITH BRACKETS ETC. SIZE 8 1/2"x6 1/2" SHPG. 375 LBS. \$150

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS THAT TUNES FROM 200 TO 1750 KC, OPERATES FROM 26 VOLT 400 CYCLE SIZE: 10x11x5; WT: 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95

COMPARATOR

CM-167/U SIGNAL COMPARATOR MIXES TWO FREQUENCIES AND DELIVERS AN OUTPUT PROPORTIONATE TO THE DIFFERENCE OF THE TWO SIGNALS. WHEN USED WITH A STRIP CHART RECORDER IT WILL COMPARE 2 ALMOST EQUAL FREQ. STANDARDS WHOSE FREQ. ARE EITHER 100 KC OR 1 MC. THIS WILL BE RECORDED AS A SINE WAVE. USES 4 IN281 DIODES IN A FULL BRIDGE CIRCUIT ALONG WITH RESISTORS, CONDENSORS, TRANSFORMERS, ETC. INPUT IMPEDANCE 50-5000 OHMS. INPUT COAX. CONN. BCN. SIZE: 5 1/2"x3 1/2"x3 1/2" WT: 4 LBS. NEW \$4.95

CU-128F/U ANTENNA COUPLING UNIT, DESIGNED TO PROVIDE EFFICIENT SIGNAL TRANSFER BETWEEN ANTENNA TRANSMISSION LINES OF DIFFERENT IMPEDANCE, FREQ. RANGE 4 TO 20 MHZ, INPUT IMPEDANCE 200/250/700 OHMS OUTPUT 70 OHM WATERPROOF METAL BOX WITH MTS. & MANUAL SIZE: 8x4 1/2"x7 1/2"; SHPG. 15 LBS. NEW \$4.95

NEON LIGHTING ARRESTOR HI-POWER 4 for \$1

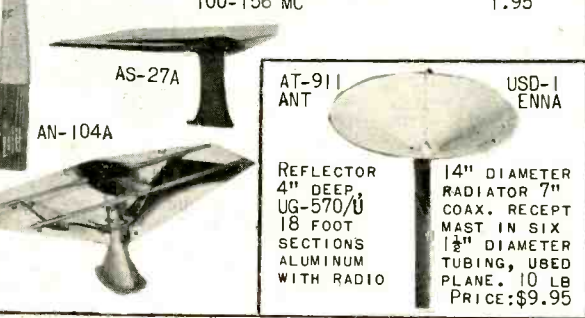
UG-1024 INSULATOR F/"L" TYPE ANTENNA, COAX. FITTING FOR UG-88, 3 1/2"x2x1 \$2.95

ANTENNA WIRE PHOSPHOR BRONZE #16, 20 FT. LG. W/2 SNAPS AND SLIDE. 85¢ EA. AN-22 2/\$1.50

AS-27A/ARN-5 HORIZONTAL FOLDED DIPOLE AS USED WITH RC-103, BC-733, ARN-5 EQUIP. ON AIR PLANES. 108-110 MC \$9.95

AT-2/APN-2 DIPOLE ANTENNA 150-180 MC 2.95

AN-104A STUB ANTENNA F/SCR-522 100-156 MC 1.95



AT-911 ANT USD-1 ENNA

REFLECTOR 4" DEEP, UG-570/U 18 FOOT SECTIONS ALUMINUM WITH RADIO 14" DIAMETER RADIATOR 7" COAX. RECEPT MAST IN SIX 1 1/2" DIAMETER TUBING, USED PLANE. 10 LB PRICE: \$9.95

CABLES

NEW COAXIAL CABLE

NEW MANUFACTURE AND BRANDED WITH STANDARD TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-BETWEEN LENGTHS USE THE HIGHER PRICE. LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

	OHMS	100 FEET	500 FEET	1000 FEET	5000 FEET
RG-8/U	52	.19	.17	.17	.17
RG-11/U	75	.16	.14	.14	.14
RG-58/U	53.5	.09	.07	.07	.07
RG-59/U	73	.12	.10	.10	.10
RG-62/U	93	.08	.06	.06	.06

NEW COAXIAL CONNECTORS

SO-239	PL-259	M-359	PL-258 JUNCTION
59¢ EA. 10 OR MORE 55¢ EA.	59¢ EA. 10 OR MORE 55¢ EA.	69¢ EA. 10 OR MORE 60¢ EA.	\$1.25 EA. 10 OR MORE \$1.10 EA.

Coaxial Cable FOR LESS THAN 4c Per Foot! RG-54 A/U CABLE-

DESIGNED FOR LONG LIFE & CONSTANT ATTENUATION 58 OHMS, .250 OD. WITH POLYETHYLENE JACKET.

370 FOOT ROLL \$12.00 92 FEET ROLL \$3.50

LESS THAN SPECIFIED LENGTHS .04 PER FT.

COAX CABLE ASSY.

TYPE OHMS LENGTH CONNECTOR STOCK# PRICE

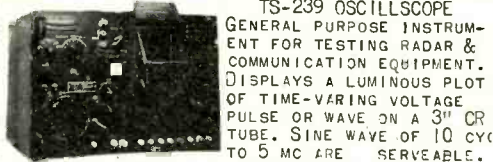
RG-223/U	50 OHMS	.216 OD.	250 FT. W/UG-88E CONN. EA. END, WOUND ON SPOOL FROM TEST SET. WT: 12 LBS.	PRICE: \$15.00
RG-26/U	48	30FT	2/UG-34	3E4392-11 \$4.95
RG-22/U	95	40FT	1/PL-284	CD-879 \$2.95
RG-22/U	95	46FT	1/PL-284	CD-878 \$3.25
RG-22/U	95	50FT	1/PL-284	CD-877 \$3.50
RG-62/U	93	8FT	2/UG-88	CG-1410 .75
RG-62/U	93	35FT	2/UG-88	CG-1410 1.00
RG-62/U	93	130FT	2/UG-88	CG-1410 1.95

CABLES FOR SETS

CABLE #	PLUG #	LENGTH	USED WITH	PRICE
3E7243-2	GK12-23	52 IN.	TCS/REC-PS	\$2.75
3E7273-19	SKC16-23	29 IN.	TCS/TRS-PS	2.75
CD-515		48 IN.	BC-669	5.95
CD-501	F/BC-654 & PE-103			4.95
CD-548	2EA PL118	9 FT.	TEST SET	4.95
CD-549	2/ PL-112	9 FT.	TEST SET	4.95
CD-526	2/ PL-153	5 FT.	274 N SERIES	4.95
CD-532	2/ PL-152	5 FT.	"	2.75
CD-509		8 FT.	BC-659/620	2.75

COAX CONNECTORS USED

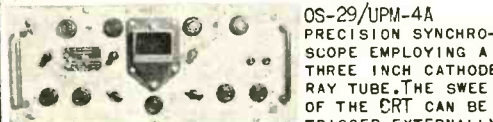
UG-290/U	PANEL RECPT.	USED	25¢ EA.	5/1.00
UG-291/U	PANEL JACK	"	30¢	4/1.00
UG-88/U	PLUG	"	35¢	3/1.00
UG-260/U	PLUG	"	39¢	3/1.00
UG-262/U	PANEL JACK	"	45¢	2/1.00
UG-260/U	SPEC. ELBOW	"	45¢	2/1.00
UG-21/U	PLUG	"	59¢	2/1.00
UG-22/U	PANEL JACK	"	59¢	2/1.00
UG-298/U	ADAPTER	NEW	79¢	2/1.50
UG-29/U	ADAPTER SPEC	USED	59¢	2/1.00
UG-629/U	PANEL JACK	NEW	85¢	2/1.50
UG-36/U	PLUG	USED	\$5.00	2/9.00
UG-306A/U	ANGLE ADAPTER	NEW	\$1.25 EA.	2/2.00
UG-420/U	PANEL JACK	"	1.25	2/2.00
UG-421/U	PLUG	"	1.25	2/2.00
UG-100/U	PLUG	"	59¢	2/1.00
UG-100/U	PANEL JACK SPEC.	U	59¢	2/1.00
UG-109/U	STRAIGHT ADPTER	U	79¢	2/1.00
10H528	PANEL JACK	NEW	79¢	2/1.50
10H702	ELBOW	NEW	79¢	2/1.50
10H1366	STRAIGHT	NEW	79¢	2/1.50



TS-239 OSCILLOSCOPE
GENERAL PURPOSE INSTRUMENT FOR TESTING RADAR & COMMUNICATION EQUIPMENT. DISPLAYS A LUMINOUS PLOT OF TIME-VARYING VOLTAGE PULSE OR WAVE ON A 3" CRT TUBE. SINE WAVE OF 10 CYC TO 5 MC ARE SERVEABLE.

INPUT IMP. 300M OHMS W/30 MMFD CAP. SIGNAL INPUT SCOPE ONLY .1 TO 100 VOLTS PEAK. OUTPUT TRIGGER PULSE + 25 V. 4 MICROSEC. DUR FREQ. RANGE 1 CYC TO 3 MC. PULSE DISPLAY .2 TO 5% MISRSEC. INTERNAL SQUARE WAVE 150 CYC PER-SEC. ADJ. .1 TO 1 VOLT. ALSO 75 VOLT SQ. WAVE. SENSITIVITY .1 VOLT PRODUCES STAND. DEFLECTION W/MAX. AMPLIFICATION. CONTROLS & CONN. ON FRONT PANEL. SIX STEP MULTIPLIER EXTENDS RANGE 300 TIMES. SWEEP ADJ. .1 TO 50M MICROSEC. POSITIVE OR NEGATIVE POLARITY. WITH USE OF PROBE INPUT IMP. MAY BE INCREASED TEN TIMES WITH LOSS OF SENS. AND INCREASE IN VOLTSGE TO 450. WITH TUBES 3/6AK5, 2/6AG7, 2/6C4, 8/7F8 1/6AL5, 2/6SN7, 1/VR-105, 2/6X5, 1/5R4 & 1/3J1 SIZE: 21x16x13; WT: 75 LBS.

PRICE: USED REPARABLE \$45.00 CHECKED \$59.50

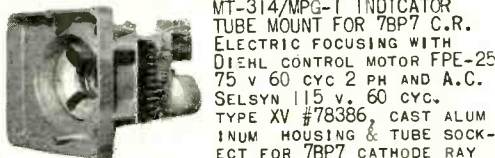


OS-29/UPM-4A PRECISION SYNCHROSCOPE EMPLOYING A THREE INCH CATHODE RAY TUBE. THE SWEEP OF THE CRT CAN BE TRIGGER EXTERNALLY OR INTERNALLY AND CAN BE DELAYED WITH EITHER TRIGGER. THE SWEEP DURATION AND, WHEN INTERNALLY TRIGGERED, THE SWEEP FREQ. CAN BE CONTROLLED. THE INPUT SENSITIVITY OF THE VIDEO AMPLIFIER CAN BE VARIED IN SIX STEPS FROM 0.2-20 VOLTS PER INCH OF VERTICAL DEFLECTION. THE UNIT CONTAINS HIGH VOLTAGE POWER SUPPLY, BUT REQUIRES THE FOLLOWING VOLTAGES FOR OPERATION 300V, -27V, 425, 105V, NORMALLY SUPPLIED BY POWER SUPPLY PP-802/UPM-4A, NOT AVAILABLE. SIZE: 22x19x10. WT: 50 LBS. RENEW- \$34.95.....USED- \$22.95

RADIAC SET

AN/PDR-27CY RADIAC SET DESIGNED TO DETECT GAMMA AND BETA RADIATION OR GAMMA RADIATION ALONE. THE PRESENCE OF RADIATION IS INDICATED ON A MILLIROENTGENS PER HOUR METER WITH SCALES OF 0.5, 5, 50 AND 500 SELECTED BY A SWITCH. THE TWO MOST SENSITIVE RANGES UTILIZE A NAVY TYPE 5979/BS-1 GEIGER-MULLER TUBE IN THE PROBE WHILE THE TWO OTHER RANGES USE ONLY A NAVY TYPE 5980/BS-2 G-M TUBE. ONLY GAMMA RADIATION CAN BE MEASURED ON THE TWO LESS SENSITIVE RANGES. POWER REQUIRED: EIGHT "D" SIZE FLASHLIGHT BATTERIES (NOT INCLUDED). SIZE: 8x6x12 SHPG. WT: 15 LBS. LESS BATTERIES. PRICE: USED, COMPLETE \$29.95

MANUAL FOR AN/PDR-27C RADIAC SET \$5.00
"D" SIZE FLASHLIGHT BATTERIES .30 EA.



MT-314/MPG-1 INDICATOR TUBE MOUNT FOR 7BP7 C.R. ELECTRIC FOCUSING WITH DIEHL CONTROL MOTOR FPE-25 75 V 60 CYC 2 PH AND A.C. SELSYN 115 V. 60 CYC. TYPE XV #78386, CAST ALUM INUM HOUSING & TUBE SOCKET FOR 7BP7 CATHODE RAY TUBE, FACE 11" SQ. X 15" DEEP, WT: 35 LBS. PRICE: LESS 7BP7 C.R. TUBE UNUSED \$14.95 WITH 7BP7 C.R. TUBE \$24.95

AMPLIFIER CONVERTER

AM-1955/GRC AMPLIFIER CONVERTER COVERS FREQ RANGE 600 TO 1000 MHZ. IF SEEMS TO BE ABOUT 20 MHZ. A 115V 60HZ MOTOR IS PART OF AFC SYSTEM. POWER REQUIRED 150 VDC AND 6.3 VAC. TUBES 2C40A, 2/5842, 5654, 1N21B, 1N21WE, SIZE 15x9x8 SHPG WT: 30 LBS. USED EXCELLENT CONDITION \$75.00

PARTS BONNAZA

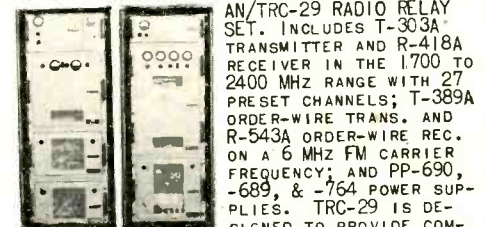


PLUG-IN TUNING UNITS USED WITH BC-191/BC-375 TRANSMITTERS. FOR LIST OF PARTS THAT ARE IN EACH UNIT LOOK IN OUR PREVIOUS CATALOGS OR SEND FOR LIST. SIZE: 17x9x7 1/2 WT. 15 LBS.

TU-7B 4500 KH -6200 KH USED \$4.95 NEW \$5.95
TU-8B 6200 " -7700 " " 4.95 " 5.95
TU-9B 7700 " -10000 " " 4.95 " 5.95
TU-10B 10M " -12500 " " 4.95 " 5.95

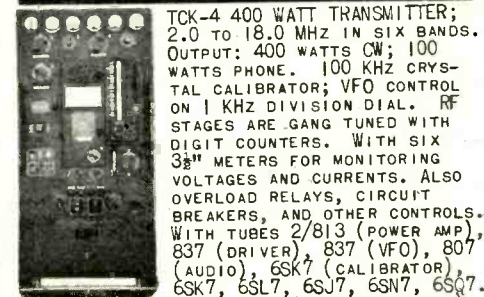
BC-306 ANTENNA TUNING UNIT FOR USE IN THE 150-800 KH RANGE. USED \$4.95 NEW \$5.95
NOTE: IF USED UNITS ARE NOT AVAILABLE WE WILL SHIP NEW AT THE NEW PRICE OR VICE VERSA.

TRC-29 MICROWAVE TRANSMITTER-RECEIVER



AN/TRC-29 RADIO RELAY SET. INCLUDES T-303A TRANSMITTER AND R-418A RECEIVER IN THE 1700 TO 2400 MHZ RANGE WITH 27 PRESET CHANNELS; T-389A ORDER-WIRE TRANS. AND R-543A ORDER-WIRE REC. ON A 6 MHZ FM CARRIER FREQUENCY; AND PP-690, -689, & -764 POWER SUPPLIES. TRC-29 IS DESIGNED TO PROVIDE COMMUNICATION TRUNK SERVICE OVER AS MANY AS 20 TANDEM HOPS WITH 30 MILES LINE-OF-SIGHT BETWEEN REPEATER STATIONS. UNIT USED IN PPM, PCM, FREQ. DIVISION MULTIPLEX, TELEVISION, OR SWITCHOVER RELAY SYSTEMS. T-303A EMPLOY A SRL-7 KLYSTRON OSCILLATOR (NOT AVAILABLE) FOLLOWED BY A 2C39A TRIODE 10 WATT AMPLIFIER R-418A HAS A 6BM6 KLYSTRON OSCILLATOR, AFC, AND AGC. ANTENNA INPUT-OUTPUT IMPED. 50 OHM WITH TUBES 13 IN R-453A, 29 (R-418A), 18 (PP-690), 16 (PP-689), 12 (T-389A), 37 (LESS SRL-7 IN T-303A), AND 11 (PP-764). POWER REQUIRED: 115/230 VAC 50/60 HZ 2300 WATTS. SIZE: 62x29x29 FOR TRANSMITTER AND RECEIVER SECTIONS EACH. TOTAL WT: 1051 LBS. PRICE: TRC-29, UNUSED LESS SRL-7 \$395.00

400 WATT TRANSMITTER



TCK-4 400 WATT TRANSMITTER; 2.0 TO 18.0 MHZ IN SIX BANDS. OUTPUT: 400 WATTS CW; 100 WATTS PHONE. 100 KHZ CRYSTAL CALIBRATOR; VFO CONTROL ON 1 KHZ DIVISION DIAL. RF STAGES ARE GANG TUNED WITH DIGIT COUNTERS. WITH SIX 3 1/2" METERS FOR MONITORING VOLTAGES AND CURRENTS. ALSO OVERLOAD RELAYS, CIRCUIT BREAKERS, AND OTHER CONTROLS. WITH TUBES 2/813 (POWER AMP), 837 (DRIVER), 837 (VFO), 807 (AUDIO), 6SK7 (CALIBRATOR), 6SK7, 6SL7, 6SJ7, 6SN7, 6SQ7. POWER REQUIRED: 110 VAC 60 HZ (FILAMENTS). ALSO 1800 VDC @ 400 MA, 500 VDC @ 350 MA, 12 VDC @ 2 AMPS, AND 230 VDC. SIZE: 52x25x18 WT: 285 LBS. SHPG. WT: 470 PRICE: RECONDITIONED \$125.

RECEIVER-TRANSMITTER

RT-294A/ARC-44 RECEIVER-TRANSMITTER DESIGNED FOR AIRCRAFT USE IN THE FREQ. RANGE OF 24.0 TO 51.9 MHZ F.M. VOICE IN 280 PRE-SET CHANNELS. TRANSMITTER IS APPROX. 8 W. OUTPUT, 52 OHM LOAD, AIR TO GND. RANGE APPROX. 50 MILES. REC. AUDIO OUTPUT APPROX. 50 MW. ACROSS 150 OHM. 600 OHM HEADSET MAY ALSO BE USED AS HOMING DEVICE FOR KEVED UNMODULATED OR CW SIGNALS. POWER REQ. 27.5 VDC 3 A. 150 VDC @ 85 MA., 300 VDC @ 125 MA., 27 V. 400 CYC. FOR BLOWER. WITH TUBES 9/5640, 7/5718, 4/5829, 3/5636, 2/5763, 1/5647, 1/5902, 1/6112 & 1/68F7. SIZE: 7 1/2 x 14 x 5 1/2; WT: 17 LBS. PRICE: USED, \$19.95

G-25A HAND TYPE MAGNETO GENERATOR USED TO RING TELEPHONE LINES; APPROX. OUTPUT 100 VOLTS. CAN BE USED AS SHOCK MACHINE, LIGHT SMALL LAMPS OR DRIVE WORMS OUT OF THE GROUND. PERMANENT MAGNETS. 4x2x2 DIA; 1 1/2 LB. U. \$2.95.



DC AIRCRAFT MOTOR; GE#5BA-50LJ29, 0.4 HP, 3000 RPM. ARMATURE: 60V. @ 2.3 AMPS FIELD: 27 VOLTS @ 6.5 AMPS DUTY: 10 MIN. @ FULL RATING. SHAFT IS CORKSCREW-TYPE 5/8 INCH DIA. FLANGE MTG. 3 1/2 CNTS. BODY SIZE: 6x4x4 1/2 WT: 11 LBS. \$4.95

SM-30-FR MOTOR, 115 VOLT 60 HZ 1/75 HP, 1-PHASE, 1750 RPM; 5/16 INCH DIA. SHAFT WITH FLY WHELL THAT CAN BE REMOVED. SIZE: 5 1/2 x 4 1/2 x 4 WT: 5 LBS. \$2.95

JOHN OSTER TYPE C-24A-1B KS-5829 27 VDC, 0.01 HP 7000 RPM. SERIES MOTOR. SIZE: 3x2 DIA. SHAFT 1 1/2 DIA. WT: 1 LB. USED 75% UNUSED \$1.25

GE#5PR56HCM 110 V. 2.3 A. 8000 RPM. INT. 1/10 H.P. 50/60 CYC. REV. SIZE 3x5, SHAFT 3/16x1 STK.#3H3000B2 5 LBS. N.\$12.95

DICTAPHONE #7CB-2P; 115 V. 60 C 1/40 HP. 1740 RPM, SIZE 3x3, SHAFT EA. END 1/2x3, 2LB.N \$9.95

ART-13 MOTOR, 28 VDC. .05 HP @ 3900 RPM. REVERSIBLE; BALL BEARING. MOTOR WILL OPERATE ON 12 VDC. SIZE: 4x3x3" DIA. WT: 1 1/2 LB. PRICE: GOV'T RECONDITIONED \$2.95

DELCO MOTOR #A7155 27.5 VDC 2.4 AMP. 1/30 HP 3600 RPM. SIZE: 5 1/2 x 2 1/2 DIA. SHAFT 1 1/2 DIA. WT: 1 1/2 LB. UNUSED \$2.95

TG-10 KEYER MOTOR, 115V. 60 HZ. 1550 RPM WITH 1-7/8" SHAFT GEARED TO 80 RPM. REMOVED FROM TG-10 EQUIPMENT. SIZE: 3x3x4 1/2 WT: 3 LBS. #3H3000-3 Used \$2.95

ELECTROLUX MOTOR 28.5 VDC 1.8 AMPS. 1/35 HP 220 RPM. SHAFT SIZE: 1 1/2 x 1/2 DIA. MOTOR SIZE: 4 1/2 x 3 1/2 DIA. WT: 5 LBS. USED \$3.95

WESTINGHOUSE BUSINESS MACHINE MOTOR, 0.025 HP. 115V. 50/60 HZ @ 1.2/1.0 AMPS. TO BE USED WITH 4 OR 3 MFD. CAPACITOR FOR 1425 OR 1725 RPM. SIZE: 4 1/2 x 4 x 4; WT: 5 LBS. SHAFT 5/16x3/4 FLATTENED FOR RUBBER SHOCK MTG. BRACKET. NEW \$4.95

TELETYPE MOTOR AC; 110 VOLT 60 HZ. SINGLE PHASE, NON-SYNCHRONOUS. 0.04 HP, 1800 RPM, 1.25 AMP. DOUBLE SHAFT 1 1/2 x 3/16 AND 5/8 x 3/16 MOTOR SIZE: 5 1/2 x 5 x 5 WT: 13 LBS. GE#28478 Used \$4.95

RECORDER MOTOR, 115 V. 60 CYCLE CAP. REQ. 4 MFD. INT. DUTY. 900 & 1800 RPM. 3.5/2.5 HP OZ. IN MOTOR MOUNTED ON IN CLINE BASE THAT CAN BE REMOVED FOR FLAT MOUNT. 1/2" SHAFT AVAILABLE WITH OR WITHOUT CONE. MOTOR SIZE 4 1/2 x 3 1/2. REVERSIBLE DUAL SPEED. #HBC-2918-2N. 6 LBS. PRICES: WITH CONE \$5.95 LESS CONE \$4.95

HEINZ 1160039-C57; 115 V. 60 CYC. .7 A. 3500RPM MO. SIZE 3x3 1/2, SHAFT 1/2x3; 3 LB. CONT. N.\$6.95

EAD/WE KS-5718; 115 V. .27 A. 50/60 CYC. CAP. REQ. 4 MFD. DUAL SPEED 2750/3300 RPM. MO SIZE 3 1/2 x 3, 4 LBS. SHAFT 5/16x1, 1/50 HP. N.\$14.95

WE KS-5871-LO1 MOTOR, 28.8 VDC @ 3.3 A. 5600 RPM, 0.04 HP SERIES WOUND. CONTINUOUS DUTY; REVERSIBLE WITH SPEED GOVERNOR. (MAY ALSO OPERATE AT 12 VDC AT REDUCED SPEED. SHAFT 3/8x1, OVERALL SIZE: 6 1/2 x 3 1/2 DIA. SHPG. WT: 7 LBS. USED \$7.95

MERCURY MOTOR 24 TO 28 VOLT DC 60 HZ. OPEN FRAME TYPE, APPROX. 2500 TO 3000 RPM DEPENDING ON THE OPERATING VOLTAGE AND LOAD. SIZE: 2 1/2 x 2 1/2 x 3 WT: 1 LB. #MER-MO2428 Used 75%

OPEN FRAME MOTOR, 115V. 60 HZ. 500 RPM ONE DIRECTION, 1000 RPM THE OTHER. SHAFT 1/2x1/16" DIA. SIZE: 2x3x4 WT: 2 LBS. #B30B \$1.00

EMC TYPE 300, 45V. 60 HZ. 6.5 RPM. LIGHT OPEN FRAME 5x2x1 1/2. SHAFT: 1x3/16" DIA. WT: 1 LB. \$1.50

GEARHEAD MOTOR, 115V. 60 HZ; 54 RPM, OPEN FRAME FOR MEDIUM USE. SHAFT 1/2x5/16" DIA. SIZE: 4x3x2 1/2 WT: 2 LB #9M203 UNUSED \$2.95

GEARHEAD MOTOR, 115V. 60 HZ. 3.44 RPM. OPEN FRAME TYPE FOR LIGHT USE. SHAFT 4x5/16" DIA. MOTOR SIZE: 6x2x3 WT: 2 LBS. #ZA-1056 \$1.95

ARN-6 BANDSWITCH GEAR AND MOTOR ASSEMBLY, 28 VDC. BENDIX M-4A MOTOR. ASSY. SIZE: 1 1/2 x 5 x 3 1/2; MOTOR SIZE: 1 1/2 x 2 x 1 1/2 WT: 3 LBS. \$2.95

B-701/R-107 MOTOR FROM AS-313/ARN-6 LOOP ANTENNA. OPERATES FROM 26 VOLT 400 HZ @ 2750 RPM. WILL OPERATE FROM 12 VDC 60 HZ. SIZE: 3x2 1/2 x 3 WITH 3/8" GEAR. WT: 2 LB. PRICE: USED \$3.95

DELCO PM MOTOR #5069466, 27.5 VDC, 10,000 RPM. IN ALUMINUM CASE GEARED TO WORM GEAR. WORM GEAR 2000 RPM. MOTOR SIZE: 1 1/2 x 1 1/2 x 2 1/2; CASE SIZE: 2 1/2 x 2 1/2 x 2 WT: 2 LBS. #3H3100A-1 \$3.95

DELCO PM MOTOR 5067125, 27.5 VDC, 10,000 RPM. TWO GOVERNORS, TAPERED SHAFT 3/16x1/16" DIA. MOTOR SIZE: 3x1x1 WT: 5 LBS. \$3.95

PM MOTOR ASSEMBLY & GEAR TRAIN USED IN R-44 RECEIVER FOR REMOTE TUNING. CONTAINS DELCO PM MOTOR #5069370, 10,000 RPM, AND IS GEARED TO TWO SHAFTS WITH A 3" AND 1/2" GEAR WHICH TURN AT 40 AND 80 RPM. ASSY. SIZE: 4 1/2 x 6 x 3, SHAFT 1/2 x 1/2 DIA. WT: 3 1/2 LBS. #3H3100-15 \$4.95

VICKERS AR-10007G 115 VOLT 50/60 CYCLE SELENOID OPERATED AIR VALVE ONE INLET ACTUATES TUBE PLUNGER 1" STROKE. USED SIZE: 6x4x2 1/2; 5 LBS. \$18.00

REDMOND BLOWER MOTOR: 24 VOLT DC 6000 RPM MOTOR .96 AMPS. OVERALL SIZE 4 1/2 x 3 1/2 x 3 1/2; WT: 2 LBS. #451-1085 UNUSED \$4.95

JOHN OSTER 10 CFM BLOWER WITH MOTOR C2BP-1A. 27.5 VDC 0.01 HP, 6000 RPM. SIZE: 3 1/2 x 3 1/2 x 4 1/2 WT: 4 LBS. USED \$3.95

28 VDC BLOWER, 6200 RPM WITH THE OPTION OF EITHER A SHUNT MOTOR TYPE OR PM MOTOR. SIZE: 3x2 1/2 x 3 SHPG. WT: 4 LBS. BLOWER WITH SHUNT MOTOR \$3.95 BLOWER WITH PM MOTOR \$6.95

12/24 VOLT DC DUAL BLOWER, APPROX. 50 CFM, 1500 RPM @ 12 VDC; 100 CFM, 3000 RPM @ 24 VDC. SIZE: 10x5x5 WT: 7 LBS. USED \$3.95

LOW SPEED MOTOR, 230 V. 60 HZ, 10 RPM WITH GEARBOX. SHAFT 1/2x1/2" DIA. MOTOR SIZE: 2 1/2 x 2 1/2 x 4 WT: 2 LBS. USED \$1.95

PHONOGRAPH MOTOR, 80 VDC 60 HZ. 78 RPM. WILL ALSO OPERATE ON 115V. WITH RE- SISTOR. ON MOUNTING PLATE. SIZE: 3x3x3 WT: 2 LBS. USED 59¢



AY-201 SYNCHRO CONTROL TRANSFORMER, ROTOR 1 PHASE 26 V., STATOR 11.8 V. 400 CYCLE. SIZE: 1 1/2 x 1 1/2; SHAFT 1/16x3/8. VARIOUS MANUFACTURE PRICE: REMOVED FROM EQUIP. \$2.95

AY-165 AUTOSYN DIFFERENTIAL, 400 CYCLE, 11.8 V. 3 PHASE ONE TO ONE RATIO. BENDIX & OTHERS. SIZE: 1 1/2 x 1 1/2. PRICE: REMOVED FROM EQUIP. \$2.95

AY-123 AUTOSYN RESOLVERS; 400 CYCLE, ROTOR 2 PHASE 26 VOLT, STATOR 2 PHASE 11.8 VOLT. PRICE:

AY-177-81 AUTOSYN DIFFERENTIAL 400 CYCLE 3 PHASE 11.8 V. TO 3 PHASE RATIO 1-1 SIZE: 1 1/2 x 1 1/2; SHAFT 1/2x1/16 PRICE: NEW \$2.95

SPERRY RAY-248, RCY-250, RBX-251, 662428, 662-426, 652174 AND OTHERS. PRICE: RE-MOVED \$2.95

HUGHES RESOLVER 810229, 810228, 810227 RM\$2.95 KETAY TRANSFORMER K-101300-20 RE-MOVED \$2.95

23CX4 TRANSMIT. 115 V. 400 CYC USED \$ 8.95 23TX4 " " " " " " 8.95 23TX6 " " 115 V. 60 " " " 12.95 23CT4 CON/TRANS. " 400 " " " 8.95 23RS4A RESOLVER 90/90V " " " " 8.95 23CT6 TRANSFORMER 90/1V PER. DEG."60CY 8.95

2JIHI SELSYN DIFFERENTIAL GENERATOR NORMALLY OPERATES FROM 57.5/57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 26 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM ON PAGE 31. SIZE: 2 1/2 x 4 1/2; WT: 8OZ. PRICE WITH CONNECTOR CAPS.....\$3.95

DAYSTROM TRANSOCOIL CONTROL MOTOR 115 VOLT 60 CYCLE, 1 PHASE, 2 PHASE 200 VOLT CT. 3200 RPM. SIZE: 2 1/2 x 2, SHAFT SIZE: 1/16x3/8 WITH GEAR. REMOVED FROM NEW EQUIP II MENT. PRICE: \$5.00

GE SELSYN CONTROL TRANSFORMER 57.5/57.5 VOLTS 400 CYCLE.(WILL OPERATE FROM 26 VOLTS 60 CYCLE) SIZE: 2x2; 1 LB. PRICE NEW \$3.95

GM-4 AMMUNITION BOOSTER GEARED MOTOR MOUNTED INSIDE FRAME WITH SHAFT & SPROCKETS THAT ARE 3 1/2" OI & 3 1/2" APART. MOTOR DESIGNED FOR 24 V. 400 CYC. 3 PHASE, BUT CAN BE OPERATED FROM 24 V. 60 CYC @ 20 RPM BY USING 4 MFD CAP. USING HIGHER CAP. CAP: HIGHER CAP. WILL INCREASE SPEED AND TORQUE. STAINLESS STEEL FRAME CAN BE REMOVED EASILY. INST. FURNISHED. SIZE: 7 1/2 x 2 1/2 x 5 1/2; 10 LBS. GE#9160256-G4M N. \$5.95

LINEAR ACTUATOR, STAT. 200, TENS. 40, COMP. 40. ARM TRAVEL 5/16". MOTOR 115V. 400 HZ, 1600 RPM. DUTY 1/10, 0.04 HP. TORQUE: 6.7 IN-OZ. SIZE: 5x5x3 1/2 WT: 5 LB. AIRSEARCH#34930 Used \$3.95

LINEAR ACTUATOR, STAT. 200, TENS 75-100, COMP. 75-100. ARM TRAVEL 3/4". MOTOR 115V. 400 HZ., 0.025 HP 6500 RPM. DUTY 1/10, TORQUE: 3.9 IN-OZ. SIZE: 5x8 1/2 x 4 1/2 WT: 5LB AIRSEARCH#3D146-120 Used \$3.95

RATCHET MOTOR, 24 VDC 60 RPM CONTINUOUS. ALSO THREE POSITION STOP. BAND SWITCH ASSEMBLY AS USED IN R-5/ARN-7 COMPASS RECEIVER. UNIT WILL ALSO OPERATE FROM 18 TO 24 VDC. SIZE: 3x4x1 1/2 WT: 2 LBS. #609-ARN-7 \$1.25

GENERAL INDUSTRIES HEAVY DUTY PHONOGRAPH MOTOR, 115 VOLT AC 60 HZ. 33-1/3 RPM. SIZE: 4x4 1/2 x 4 WT: 6 LBS. G1#4483 Used \$1.95

RECEIVER-TRANSMITTER



AN/GRC-19 RECEIVER-TRANSMITTER SET WITH THE R-392 RECEIVER AND THE T-195 TRANSMITTER DESCRIBED BELOW. HOWEVER, A COMPLETE SET PRICE FOR THE R-392, T-195, MX-851 BASE, CX-1599 CABLE, BATTERY CABLE IS AVAILABLE. USED, CHECKED RECEIVER, REPARABLE TRANS. \$270.

R-392/URR RADIO RECEIVER, 500 KHZ TO 32 MHZ IN THIRTY-TWO BANDS OF 1 MHZ EACH, EXCEPT 500 KHZ TO 1 MHZ IS 1/2 MHZ. TYPE SIGNAL RECEIVED: CW, MCW, VOICE AND FSK. TRIPLE CONVERSION ON LOWER EIGHT BANDS, DOUBLE ON ALL OTHERS. CONTINUOUS TUNING READ DIRECTLY ON COUNTER TYPE INDICATOR. BUILT-IN CRYSTAL CALIBRATOR, 100 KHZ POINTS. WITH 25 TUBES OF 12AU7, 26A6, 26A7, 26C6, & 26D6. POWER REQUIRED FOR OPERATION: 24/28 VDC @ 3 AMPS. HIGH PERFORMANCE, RUGGED DESIGN. PORTABLE. SIZE: 11 1/2 x 14 1/2 x 11 WT: 52 LBS. SHPG. WT: 70. PRICE: USED, CHECKED \$195.00

POWER INPUT PLUG \$4.00 w/PURCHASE OF SET ONLY.

T-195/GRC-19 TRANSMITTER, 1.5 TO 20 MHZ IN TEN BANDS. FREQUENCY STABILITY 0.03% PLUS 1000 HZ. MANUAL OR AUTOMATIC TUNING. TRANSMITS CW, VOICE, OR FSK. POWER OUTPUT WITH 50 OHM ANTENNA: 100 WATTS @ 1.5 TO 12 MHZ; 90 WATTS @ 12 TO 16 MHZ; 80 WATTS @ 16 TO 20 MHZ. AUDIO INPUTS MICROPHONE OR 600 OHM LINE METERS FOR PA CATHODE CURRENT, PA GRID CURRENT, BATTERY VOLTAGE AND MODULATION LEVEL. WITH 22 TUBES INCLUDING TWO 4X150D'S. POWER REQUIRED: 22-30 VDC @ 42 AMPS MAX, 9 AMPS STANDBY. SIZE: 11 1/2 x 14 1/2 x 22; WT: 122 LBS. SHPG. WT: 150 LBS. PRICE: USED, COMPLETE-REPARABLE \$89.50

MT-851 MTG. BASE AS USED GRC-19 60 LBS. U.\$10
CX-1599 CABLE CONN. R-392 TO T-195 \$8.95
T-195 BATT. CABLE WITH PLUG. \$4.95
R-392 MANUAL (REPRODUCTION) \$10.00
T-195 " " " 7.50
AN/GRC-19 OPERATORS MANUAL 3.00
T-195 OR R-392 " " EACH 3.00

F-237/GRC BAND PASS FILTER 54-70.9 MHZ, CONTINUOUS TUNING 250 KHZ. BANDWIDTH @ 3 DB, 4.5 MHZ @ 40 DB, IN-OUT 50 OHMS IMP. REDUCES CROSS TALK. SIZE: 11 x 11 x 5; WT: 15 LBS. UNUSED \$29.95

38 TO 54 MHZ RECEIVER



R-110 RECEIVER 38 TO 54 MHZ FM CONTINUOUSLY TUNEABLE, VARIABLE SQUELCH AND AUDIO, OUTPUT IMPEDANCE 600 OHMS. 4.3 MHZ. 1.F. WITH TUBES 3/1U4, 2/1L4, 1A3, 2/3A5, 1S5, 2/3C4, 2/6AK5 & 0B2. VOLTAGES REQ. 135 VDC @ 70 MA. AND 12 VOLTS @ 2 AMPS. SIZE: 9x13x7 1/2; WT: 32 LBS. USED \$49.50

R-108 RECEIVER, SAME AS R-110 ABOVE EXCEPT 20-28 MHZ. USED \$29.95

R-109 RECEIVER, SAME AS R-110 ABOVE EXCEPT 27-39 MHZ. USED \$39.95

PP-282 POWER SUPPLY 24 VDC FOR R-108-109-110 RECEIVERS. MOUNTS INSIDE REC. USED \$5.95



SHOCKED-MOUNTINGS FOR GRC SERIES RADIO SETS. ALL HAVE APPROPRIATE CABLES & CONNECTORS

THAT GO FROM THE MTG. TO THE SET & BATTERY, BUT THEY DO NOT HAVE JUMPER CABLE UNIT-UNIT.
MT-297/U HOLDS R/T, PS, REC., RT-70, AM-65, C434
SIZE: 3 3/4 x 1 3/8 x 4 1/2; WT: 75 LBS. USED \$25.00
MT-298/U HOLDS TWO (2) R/T & TWO (2) PS.
SIZE: 3 3/4 x 1 3/8 x 4 1/2; WT: 85 LBS. USED \$20.00
MT-299/U HOLDS ONE RT-66, 67, OR 68 & ONE PS
SIZE: 1 8/16 x 1 3/8 x 4; WT: 50 LBS. USED \$15.00
MT-300/U HOLDS (1) RT-70 & AM-65 (PIGGYBACK)
SIZE: 8 1/2 x 1 3/8 x 3 1/2; WT: 25 LBS. USED \$10.00
MT-791/U NO CABLES, FOR SINGLE UNITS SUCH AS REC. MD, CV, GSA, PP, ETC.
SIZE: 8 1/2 x 1 3/8 x 3 1/2; WT: 18 LBS. USED \$ 7.95

RECEIVER-TRANSMITTER

RT-68/GRC RECEIVER-TRANSMITTER, 38 TO 54.9 MHZ RANGE CONTINUOUSLY TUNEABLE OR 100 KHZ-STEP DECENT CHANNELS OR TWO PRE-SET CHANNELS. RECEIVES AND TRANSMITS BOTH VOICE AND 1600 HZ RINGING FM SIGNALS. THE OVERALL COMMUNICATION RANGE IS FROM 10 TO 15 MILES. THE RECEIVER CIRCUIT IS A DUAL-CONVERSION SUPERHETERODYNE TYPE WITH THE 1ST IF VARIABLE FROM 4.45 TO 5.45 MHZ AND THE 2ND IF FIXED AT 1.4 MHZ. THE RECEIVER HAS A VARIABLE SQUELCH CONTROL AND A 600 OHM OUTPUT IMPEDANCE. THE TRANSMITTER CIRCUIT USES A CRYSTAL-CONTROLLED OSCILLATOR AND OSCILLATOR POWER AMP AND PUTS OUT 2 WATTS ON LOW POWER VOLTAGE OR 16 WATTS ON HIGH POWER VOLTAGES SUPPLIED FROM THE POWER SUPPLY SOLD SEPARATELY. THE RT-68 ALSO PROVIDES A METER AND TEST SWITCH TO MONITOR TRANSMITTER POWER OUTPUT FILAMENTS AND THE 90 VOLT INPUT. WITH TUBES 4/1U4, 2/1A3, 2/1L4, 4/1R5, 2/1A6, 1S5, 4/3C4, 3/3A5, 2/3B4, 3A4, 6AK5 AND 2E24. SIZE: 9x13x11 1/2 WT: 42 LBS. USED \$75.00



RT-66/GRC RECEIVER-TRANSMITTER SAME AS RT-68 ABOVE EXCEPT 20-27.9 MHZ RANGE. USED \$39.50

RT-67/GRC REC-TRANS. SAME AS RT-68 EXCEPT 27-38.9 MHZ RANGE. REPARABLE \$49.50 NEW \$75



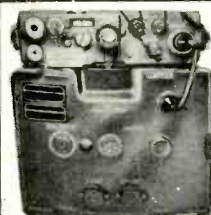
PP-112/GRC 24 VOLT POWER SUPPLY FOR THE RT-66, 67 AND 68 SERIES RECEIVER-TRANSMITTERS. THIS UNIT SUPPLIES ALL THE NECESSARY VOLTAGES FOR THE RECEIVER AND TRANSMITTER CIRCUITS. INCLUDES LOW AND HIGH POWER SWITCH FOR THE TRANSMITTER SECTION. SIZE: 9x13x7 1/2 WT: 38 LBS. USED \$21.95

PRC-10 RECEIVER-XMITTER

RT-176/PRC-10 RADIO RECEIVER-TRANSMITTER; PORTABLE UNIT OPERATING FROM 38 TO 54.9 MHZ FM VOICE COMMUNICATIONS. THE RECEIVER SECTION HAS AN IF OF 4.3 MHZ AND AN AUDIO OUTPUT IMPED. OF 600 OHMS. TRANSMITTER OUTPUT IS 0.9 WATTS WITH A NORMAL RANGE OF ABOUT FIVE MILES. MICROPHONE INPUT IMPED. 150 OHMS. BOTH RECEIVER AND TRANSMITTER SECTIONS ARE CONTINUOUSLY TUNEABLE. WITH CONTROLS FOR VOLUME, TUNING, SQUELCH, POINTER ADJUST AND DIAL LOCK. CONNECTOR FOR EXTERNAL SPEAKER. WITH TUBES 9/5678, 2/5672, 3/5676, 1A4A AND 5A6. POWER REQUIRED: 135 VDC, 67 VDC AND 1 1/2 VDC. LESS BATTERY CASE. ACCESSORIES LISTED ELSEWHERE. SIZE: 9 1/2 x 3 1/2 x 10 1/2; WT: 9 LBS. RT-176/PRC-10 USED \$19.95



RT-175/PRC-9 SAME AS PRC-10 EXCEPT 27 TO 38.9 MHZ. USED \$24.95 Gov't. RE-COND. \$29.95



AM-598 AMPLIFIER-POWER SUPPLY, PICTURED WITH PRC-10. OPERATES FROM 24 VOLT SOURCE AND FACILITATES HEADSET OR SPEAKER MONITORING. PRC-8, 9 OR 10 PLUGS DIRECTLY INTO TOP. WITH TUBES 2/26E6, 2/12AT7, 26Z5 AND 0C3. SIZE: 11 1/2 x 11 1/2 x 10 1/2; WT: 38 LBS. USED \$18.95

ACCESSORIES

BATTERY CASE CY-744/PRC.....USED \$3.00
AT-272A GOOSENECK ANTENNA BASE...NEW \$1.50
AT-272 RIBBON ANTENNA SECTION...USED \$1.50
AM-598 SHOCKMOUNT.....USED \$2.00

H-33/PT HANDSET w/UG-77 PLUG, USED WITH GRC & VRC EQUIPMENT USED \$5.95
M-29/U MICROPHONE w/UG-77 PLUG USED \$3.95
CONNECTOR PLUGS F/GRC & VRC \$2.50
CX-1211 CABLE ASSY (DOGBOONE) 14 COND. \$4.95
CX-1213 " " " 9 " " 9 " \$4.95
LS-166/U LOUDSPEAKER 4" HEAVY DUTY PM IN ALUM CASE, 8 OHM OUTPUT, 600 OHM INPUT, HIGH-LOW SW. & UG-77 PLUG. SIZE 5x5x3 1/2; 5 LB "U" \$8.95

PRC-6 WALKIE-TALKIE



RT-196/PRC-6 RECEIVER-TRANSMITTER F.M. 47 TO 55.4 MHZ, CRYSTAL CONTROLLED ONE PRESET CHANNEL, ABOUT 1 MILE DEPENDING ON TERRAIN AND CONDITIONS.. HANDHELD UNIT HAS PUSH TO TALK SWITCH MIC., PHONE, FOLD DOWN ANTENNA, SHOULDER STRAP ETC. ALSO PROVISIONS FOR USING H-33/PT HANDSET. WITH TUBES 6/5678, 3/5672, 2/5676, 3B4. POWER REQ. 1.5, 45, AND 90 VDC, USUALLY SUPPLIED BY BA-270 BATTERY (DRY) NOT AVAILABLE. SIZE: 15x5x4 1/2; WT: 5 LBS. USED \$24.95



LS-166/U LOUDSPEAKER; HOUSED IN CAST ALUMINUM CASE, SPEAKER IS 4" WITH HEAVY DUTY P.M. MAGNET, MATCHING TRANS. 600 OHM INPUT, 8 OHM OUTPUT WITH HIGH-LOW SWITCHING, 6 FT. CORD WITH UG-77 CONNECTOR PLUG FOR USE WITH MOST GRC, VRC SERIES SETS. SIZE: 5x5x3 1/2; 5 LBS. USED \$8.95

AC POWER SUPPLY



PP-1175A/SR 115 VAC 60 HZ POWER SUPPLY; PROVIDES ALL VOLTAGES OF RT-66, 67 & 68 AND ALSO OF R-108, 109 & 110. TRANSISTORIZED. SIZE: 9x7 1/2 x 14 WT: 40 LBS. PRICE: UNUSED \$39.50

POWER CONNECTOR \$2.50 AUX-REC CDNN. \$2.50
CX-1211 CONNECTS TO REC-TRANS. \$4.95

ME-61/GRC FIELD STRENGTH METER 1.4 TO 24 MHZ IN THREE RANGES. WITH VARIABLE TUNING, SENSITIVITY CONTROL, 1 1/2" SQUARE METER, PHONE JACK AND ANTENNA. SIZE: 5x5x4 1/2; WT: 5 LBS. PRICE: NEW \$34.95



RT-70 RECEIVER-TRANSMITTER 47 TO 58.4 MHZ FM VOICE COMMUNICATIONS.

FEATURES CONTINUOUS TUNING OR TWO PRE-SET CHANNELS AND PUSH-TO-TALK TRANSMISSION. THE RECEIVER CIRCUIT IS THE DUAL CONVERSION TYPE WITH THE 1ST IF 4.3 MHZ AND THE 2ND IF 1.4 MHZ. WITH VARIABLE SQUELCH CONTROL. 600 OHM AUDIO OUTPUT IMPEDANCE. THE TRANSMITTER CIRCUIT HAS A 500 MW OUTPUT AND AN AUDIO INPUT IMPED. OF 150 OHMS. POWER REQUIRED: 90 VDC @ 80 MA, 6.3 @ 360 MA AND 6.3 @ 160 MA. WITH TUBES: 6/1U4, 3/1L4, 2/1R5, 1S5, 1A6, 4/3C4, 3A5, AND 3B4. RELATED ACCESSORY EQUIPMENT LISTED ELSEWHERE. SIZE: 4 1/2 x 13 x 8 WT: 20 LBS. USED \$22.95



AM-65/GRC AUDIO FREQUENCY AMPLIFIER; THREE CHANNEL AUDIO FREQ. AMPLIFIER USED FOR INTERPHONE AND MONITORING OF VARIOUS TYPE GRC REC-TRANS. POWER REQUIRED: 135 VDC @ 35 MA AND 6, 12 OR 24 VDC. SIZE: 4 1/2 x 13 x 8 WT: 17 LBS. USED \$14.95

PP-282/GRC 24 VDC POWER SUPPLY USED WITH THE AM-65 AND RT-70. THIS UNIT PLUGS INSIDE THE AM-65 AND SUPPLIES THE VOLTAGES FOR BOTH AM-65 AND RT-70. SIZE: 4 1/2 x 6 x 3 WT: 6 LBS. USED \$5.95

COMBINATION OFFER

WHEN THE RT-70, AM-65 AND PP-282 ARE PURCHASED TOGETHER. ALL THREE FOR \$35.00

TECH MANUALS WITH SCHEMATICS FOR:
RT-196/PRC-6...\$7.50
PRC-8, 9 & 10...\$7.50
RT-66, 67 & 68...\$5.00
RT-70...\$5.00
R-108, 109 & 110...\$7.50
AN/GRC-3-8, CONTAINS INFO AND SCHEMATICS FOR RT-66, 67, 68, RT-70, R-108, 109, 110, AM-65 AND PP-109 & 112...\$8.50
AM-598...\$3.00
PP-109 & 112...\$5.00
AM-65...\$5.00

HIGH BAND

FM — TRANSMITTER — RECEIVERS

LOW BAND

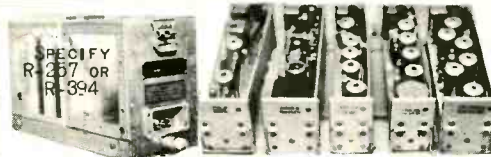


R-394/U RECEIVER F.M. 152-172 MC. SINGLE CHANNEL CRYSTAL CONTROL DUAL CONVERSION, CRYSTAL FREQ. RANGE 24.033 TO 27.7 THIRD OVERTONE, TYPE CR-32/U, I.F. FREQ. 7.8 MC & 455 KC. 15 KC DEVIATION, OUTPUT IMPEDANCE 8 OHMS, POWER 6 WATTS, SQUELCH AND MUTING CIRC. MODULAR CONSTRUCTION WITH PLUG-IN UNITS FOR EASY SERVICING.

1ST R-F AMPL. UNIT W/TUBES 1/5840 2/1AD4.....LOCAL OSCILLATOR UNIT W/TUBES 2/1AD4, 1/5678, 1/VR31-57831ST I-F 7.8 MC UNIT W/TUBES 3/5678.....2D I-F AND DISCRIMINATOR UNIT WITH TUBES 7/5678.....AUDIO AND SQUELCH UNIT WITH TUBES 3/5678, 1/5672, 1/6AK6 ALSO 455 KC SELECTIVE FILTER UNIT WHICH IS WIRED, NOT PLUG-IN. ILLUSTRATION SHOWS THE PLUG-IN UNIT AND THE COMPARTMENT WHERE THE POWER SUPPLY IS ALSO PLUGGED INTO. COVER IS SUPPLIED AND HELD IN PLACE BY A SPRING LOADED FASTNER. POWER SUPPLIES, CONNECTOR, CONTROL UNIT AND OTHER ITEMS THAT ARE USED WITH THIS SET ARE LISTED ELSEWHERE ON THIS PAGE.

SIZE: 8 1/2 x 5 1/2 x 14 1/2; WT: 19 LBS.

PRICES: USED GOOD CONTITION.....\$14.95
GOV'T RE-CONDITIONED.... 22.50



R-257 OR R-394 RECEIVER CHASSIS ONLY LESS ALC PLUG-IN UNITS AND FILTERS, WITH CONNECTORS & COVER. SHPG. WT: 10 LBS. USED \$4.95

R-257 OR R-394 RECEIVER PLUG-IN UNITS ONLY

MX-1547 RECEIVER RELAY SUBASSEMBLY \$4.95

1ST R.F. AMPL. W/TUBES 1/5840, 2/1AD4 \$3.95

LOCAL OSCILLATOR W/TUBES 2/1AD4, 1/5678 \$4.95

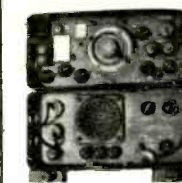
1/VR31-5783 & CRYSTAL. (NO CRYSTAL CHOICE)

2ND I.F. AND DISCRIMINATOR W/ TUBES 5678 \$3.95

1ST I.F. 7.8 MC. W/TUBES 3/5678 & CRYST \$4.95

AUDIO & SQUELCH W/TUBES 3/5678, 1/5672 AND 1/6AK6 \$3.95

SELECTIVE FILTER 455 KC. (NOT SHOWN) \$2.95



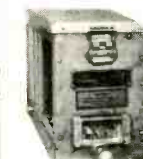
AN/GRR-5 RADIO RECEIVING SET FOR USE IN THE 1.5 TO 18 MHZ RANGE. 4 BANDS 115 VOLTS 50 OR 60 CYCLE, 6, 12, 24 VDC OR DRY CELL BATTERIES 90 AND 1.5 VDC. CAN BE USED FOR OPERATION THE SET CONSISTS OF THE R-174 RECEIVER WHICH IS A SUPERHETRODYNE RECEIVES AM, CW AND MCW SIGNALS, WITH CONTINUOUS TUNING AND FACILITIES FOR PRESETTING ANY 10 CHANNEL FREQ., 200 KHZ CRYSTAL CALIBRATOR, 455 KHZ IF WITH TUBES 1/3V4, 3/1R5, 3/1L4 & 1/1U5. THE OUTPUT OF THE REC. IS FEED INTO A HEAVY DUTY 4" SPEAKER THAT IS PART OF THE PP-308 POWER SUPPLY AND TO OUTPUT PHONE JACKS ON THE REC. PP-308 POWER SUPPLY FURNISHES ALL THE VOLTAGE REQUIRED WHEN ANY OF THE POWER SOURCES ARE APPLIED AS STATED ABOVE AND IT ALSO CONTAINS THE SPEAKER. BOTH UNITS ARE MOUNTED IN A TWO COMPARTMENT CABINET THAT IS SHOCKMOUNTED. PP-308 IS SUPPLIED WITH TUBES 2/6AG7, 1/1007 & 1/0B2.

SIZE: 13 1/2 x 8 1/2 x 12 1/2; WT: SHPG. 75 LBS. ACTUAL 62

PRICE: USED, REPAIRABLE \$49.50 CHECKED, \$59.50

POWER INPUT PLUG ONLY \$2.50; FIVE (5) FT AC LINE CORD 50¢; 15 FT. DC CORD \$1

MANUAL FOR AN/GRR-5 \$7.50



R-257 RECEIVER 25 TO 50 MC FM SAME AS R-394 RECEIVER ONLY DIFFERENT FREQUENCY RANGE. USES ALL THE SAME ACCESSORIES POWER SUPPLIES, TUBES ETC. SAME SIZE AND WEIGHT. USED \$14.95



VIBRATOR TYPE POWER SUPPLIES FOR USE WITH R-394 & R-257 RECEIVERS. THE OUTPUT OF THE SUPPLIES ARE THE SAME AND ARE

155 VOLTS DC @ 15 MA.
150 " " @ 5 " "
140 " " @ 50 " "
-40 " " @ .5 " "
6.3 " " @ .45 AMPS.
6.3 " " @ 1.0 " "
1.4 " " @ 1.25 " "

PP-867/U 24 VOLTS DC @ 1.1 AMPS USED \$4.95

PP-868/U 12 " " @ 2.0 " " " 9.95

PP-869/U 6 " " @ 3.7 " " " 6.95

PP-846/U 115/230 V 60 CYC 2 AMPS " 18.95

PP-804 115/230V. 60 CYCLE AC POWER SUPPLY FOR T-417, T-208 AND T-278 TRANSMITTERS.

RECOND \$32.95 USED \$27.95

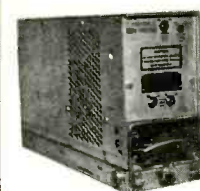
C-844/U CONTROL UNIT FOR OPERATION OF RADIO SET FROM REMOTE POINT. USED \$14.95



CY-938 ELECTRICAL EQUIPMENT CABINET; USED TO HOUSE RECEIVERS R-394 OR R-257, TRANSMITTERS T-208 OR T-278 AND POWER SUPPLIES DY-93 OR DY-98 OR DY-100 FOR THE TRANSMITTERS.

SIZE: 17 1/2 x 11 1/2 x 25; WT: 33 LBS.

PRICES: USED \$7.95 UNUSED \$9.95



T-208/U TRANSMITTER F.M. 25 TO 50 MC 25 WATTS. SINGLE CHANNEL CRYSTAL CONTROL, 15 KC DEVIATION, VOICE ONLY TRANSMISSION. CRYSTAL UNIT CR-27/U, FREQ RANGE 1,562.5 TO 3125 KC. X 16 FOR ALL FREQUENCIES. 100 MV CARBON MIC. WITH TUBES 3/2E24, 1/3B4, 2/5672 4/5678 & 3/1AD4.

VOLTAGES REQUIRED ARE AS SHOWN WITH DYNAMO TORS DY-93/12 V, DY-98/24 V. DY-100/6 V.

SIZE: 8 1/2 x 4 1/2 x 14 1/2; WT: 11 LBS. USED \$18.95



C-847 RADIO CONTROL BOX; USED TO CONTROL THE SYSTEM, HAS HEAVY ALNICO MAGNET 4" SPEAKER FOR MONITORING REC. CONTROLS FOR SQUELCH, VOLUME ON/OFF SW. PILOT LIGHTS AND RECEPTACLE FOR H-33 HANDSET WHICH HAS UG-77

SIZE: 9 1/2 x 5 1/2 x 3 1/2; WT: 6 LBS. USED \$8.95

H-33/PT HANDSET WITH CORD & UG-77 " 5.95



T-278/U TRANSMITTER F.M. 152 TO 174 MC APPROX. 30 WATTS, CRYSTAL CONTROL ON ANY TWO (2) PRESET FREQ. PHASE SHIFT MODULATION 15 KC DEVIATION, CR-27/U CRYSTAL UNIT FREQ. RANGE 4750-5437.5 KC. MULTIPLIED 32 TIMES. WITH TUBES 2/3B4, 3/2E24, 4/5678, 2/5672 AND 2/1AD4.

VOLTAGES REQUIRED AS SHOWN WITH DY-93 DYNAMO TCR ELSEWHERE ON THIS PAGE. USED \$18.95

SIZE: 8 1/2 x 4 1/2 x 14 1/2; WT: 12 LBS. UNUSED \$24.95

T-278 TRANS. LESS TUBES AND CRYSTAL OVEN \$6



CHASSIS CONNECTORS TO FIT R-394, R-257, T-416 T-278, T-208 & SUPPLIES

TRANSMITTER PLUG P-401 CHASSIS CONNECTOR NO'S J-801, CANNON# DPD-A32C2-33S-2L \$2.50

RECEIVER PLUG R-252; CHASSIS CONNECTOR NO'S J-803, CANNON# DPD-A31C1-33S-2L \$2.50

POWER SUPPLY PLUG P-1203; CHASSIS CONNECTOR NO'S J-802, CANNON# DPD-30-33S-22 \$2.50

UG-77 PLUG ON 4 1/2 FOOT CORD.....\$1.00

H-33/PT HANDSET ON 4 1/2' CORD WITH UG-77 U 5.95



DY-93 DYNAMOTOR POWER SUPPLY

INPUT: 12 VDC @ 20 AMPS.

OUTPUT: 380 VDC @ 180 MA.

225 VDC @ 45 MA.

-25 VDC @ 5 MA.

USED WITH T-208 & T-278 TRANS.

SIZE: 8 1/2 x 7 x 14; WT: 27 LBS.

PRICE: USED \$9.95



CX-2371 CABLE ASSEMBLY USED FOR CONNECTING R-394-257 REC., T-208-278, 416, 417 TRANS. TO THE VARIOUS CABINETS SO THE UNITS CAN BE SERVICED OUTSIDE THE CABINETS.

CV-278 FREQUENCY SHIFT CONVERTER USED TO CONVERT FREQUENCY SHIFT SIGNALS TO NEUTRAL OR POLAR MARKING OR DC IMPULSES. THE FREQ. SHIFT-KEYED (FSK) SIGNALS ARE RECEIVED FROM THE I.F. OF THE RECEIVER WITH A RANGE OF 450 TO 500 KC AND ARE CONVERTED TO DC IMPULSES AND USED FOR OPERATION OF TELETYPEWRITER OR REPERFORATOR MACHINES. CRYSTAL CONTROL, BAND WIDTH 1500 CPS. WITH TUBES 2/26A6, 1/26A7, DIODES 1/1N63, 2/1N69. VOLTAGE REG. 28 VDC @ 2.0 AMPS. SIG. INPUT METER 0-100 & DISC. 50-0-50 1-3/4" MICROAMP. SIZE: 9 1/2 x 13 1/2 x 7 1/2; WT: 23 LBS. USED \$24.50

CONNECTOR PLUGS FOR INPUT OR OUTPUT \$2.50



TRANSMITTER RECEIVER



RT-53/TRC-7 RECEIVER-TRANSMITTER; 100-156 MHZ, A.M. VOICE, 1.5 W CRYSTAL CONTROL ON 2 PRESELECTED CHANNELS, 1 1/2" METER, PHONE, MIC. & MONITORING JACKS, VOL. CONTROL ETC. WITH TUBES: 3/1A85, 3/1L4, 1/1S5, 5/3A5, 1/1LA3, 1/3C4 & 2/3A4. VOLTAGES REQUIRED 90 VDC, 60 VDC & 4 1/2 VDC. SIZE: 11 1/2 x 5 1/2 x 13 1/2; 15 LBS. USED \$24.95

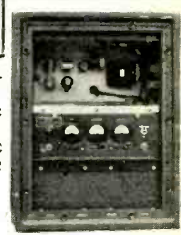
LENGTH 7 FT. 3 LBS. \$10.00

CX-2341 CABLE USED FOR CONNECTING CONTROL BOX TO CABINET. NO PLUGS ON THIS BLE. PRICE: 50¢ PER FOOT.

PP-638/U POWER SUPPLY USED WITH AM-494 & AM-495 POWER AMPLIFIERS. INPUT 115/230 VOLTS 50/60 CYCLE, OUTPUT 1100 VDC @ 320 MA, 230 VDC @ 60 MA AND 6.3 VAC @ 5.2 A. 2 1/2" RUGGEDIZED METERS 50 MADC 500 MADC AND 1.5 KVDC ALSO BLOWER FOR COOLING. UPPER COMPARTMENT SIZE 15W X 9 1/2 H X 8 1/2 D.

SIZE: 31 1/2 x 20 1/2 x 24 1/2; WT: 150 LBS.

PRICE: RE-NEW \$100.00



MD-203/GR MODULATOR FOR TRANSMITTER. PROVIDES FOR CONVERSION OF CW SIGNALS INTO FREQ. SHIFTED RADIOTELETYPE SIGNALS BY INTRODUCING SELECTABLE AMTS. OF FREQ. SHIFT INTO THE EXCITER CIRCUIT OF THE TRANS. SHIFT MAGNITUDE 850, 425, 212 OR 106 CYCLE SEL. MANUALLY FROM FRONT PANEL. DESIGNED FOR USE WITH T-195/GR 19 TRANS. CAN CAN BE USED WITH ANY TRANSMITT. HAVING AN EXCITER OUTPUT WITH A FUNDAMENTAL FREQ. RANGE OF 1.5 TO 3 MC. AND A MINIMUM OUTPUT OF 1 VOLT. POWER REG. 27.5 VDC @ 1.8 AMPS WITH TUBES 1/26A7, 5/26A6 AND 1/26D6

SIZE: 9 1/2 x 7 1/2 x 13 1/2; WT: 25 LBS. PRICE: USED \$19.95



RECEIVER



AF/URG-60 RECEIVER 100-156 MHZ AM CRYSTAL CONTROL (1)

ONE CHAN. AVC, SQUELCH, NOISE LIMITER, WITH TUBES 4/6AK5, 4/6S67, 2/6H6, 1/6F6, 2/6SJ7 & 1/5Y3GT ALSO PHONE JACK, LINE JACK, VOL. CONT. PILOT LT. SWITCH ETC. RACK MTG. 19x5 1/2x15 1/2; SHPG. WT: 50 LBS. POWER REQUIRED, 115 VOLT, 25 TO 60 CY

PRICES: USED \$39.50 CHECKED \$49.50



AM/TRC-34 RADIO SET 152 TO 172 MHZ, FM 50 WATT OUTPUT, DUAL FREQ. SELECT ION ON ANY TWO PRESET CRYSTAL CONTROL. FREQ., TWO WAY COMMUNICATION OR RADIO RELAY USE.

THE SET CONSISTS OF T-416 TRANSMITTER THAT IS THE SAME AS T-278 EXCEPT IT USES A 5894 TUBE IN THE FINAL, R-394 REC., C-844 RELAY CONTROL BOX, PP-804 & PP-846 115/230 V 60 CYC POWER SUPPLIES AND CY-1221 CABINET, THAT HAS THE CONTROLS FOR LOCAL USE.

SIZE: 21 1/2 x 17 x 20 1/2; WT: 150 LBS. PRICE: USED \$100.00

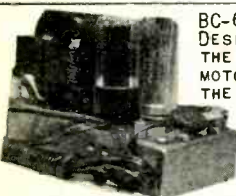
T-416/GR TRANSMITTER ONLY \$49.50 CY-1221 CABINET \$20



RECEIVER POWER SUPPLIES AND SPEAKER FOR THE FOLLOWING:
 R-23/ARC-5 BC-453 BC-342
 R-24/ARC-5 BC-454 BC-344
 R-25/ARC-5 BC-455 BC-348
 R-26/ARC-5 BC-946 BC-429
 R-27/ARC-5 R-108,109,110

COMPLETE WITH DYNAMIC SPEAKER HOUSED IN A METAL CABINET WITH CONNECTING CABLE, PLUG, PHONE JACK, VOLUME CONTROL, BFO SWITCH, ETC. IF APPLICABLE. CAN ALSO BE USED FOR OTHER SETS. OUTPUT: 200/250 VDC @ 90/60 MA AND 24 VAC @ 2 AMPS. INPUT: 115 VAC 60 HZ. PLEASE SPECIFY THE TYPE SET. DIMENSIONS AND PARTS OF THE POWER SUPPLIES MAY VARY WITH AVAILABILITY OF MATERIALS. 9 1/2 x 6 1/2 x 5 WT: 10 LB
 PRICES: KIT OF PARTS \$20.00 WIRED \$23.00

BC-652 RECEIVER POWER SUPPLY WITH SPEAKER SAME AS ABOVE; KIT \$20.00; WIRED \$23.95



BC-603/BC-683 RECEIVER P.S. DESIGNED TO BE PLUG IN-TO THE SAME PLACE AS THE DYNAMOTOR WITH NO CONVERSION TO THE SET THAT WILL EFFECT THE OPERATION FROM THE DYNAMOTOR. ONLY WORK REQUIRED TO ADD ON/OFF SWITCH IN PLACE OF SPAR FUSE HOLDER. TRANSFORMER TYPE USING 5Y3GT TUB

OUTPUT 220 VDC, 80 MA. & 24 VDC 2 A. WT: 5 LBS.
 PRICES: KIT OF PARTS \$14.00 WIRED \$18.00



PE-1100 POWER SUPPLY FOR BC-669 TRANSMITTER-RECEIVER. INPUT 115 VOLT 60 CYC. OUTPUT 520 VDC @ 420 MA. A 12 VDC VIBRATOR TYPE POWER PACK WITH AN OUT PUT OF 275 VDC @ 64 MA THAT PLUGS INTO THE CHASSIS SERVES AS A RECEIVER STANDBY. INCLD. FOUR 5Z3 TUBES, RESET CIRCUIT BREAKERS, A.C. OUTLETS, AND POWER OUTPUT PLUGS.
 SIZE: 20 1/2 x 9 1/2 x 12; WT: 100 LBS. UNUSED \$30.00



RA-133 POWER SUPPLY; VOLTAGE REGULATED FOR BC-221, TS-175 AND SIMILAR TYPE FREQ. METER INPUT 115/230 V. 50/60 CYCLE OUTPUT 125 VDC & 6.3 VAC. FITS IN BATTERY COMPARTMENT.
 SIZE: 8 1/2 x 7 x 4 1/2; WT: 10 LBS. USED \$24.95

POWER SUPPLY NO. 7630019. OPERATES FROM 115 VOLT 60 CYCLE DUAL HIGH VOLTAGE OUTPUT 400 DC 200 MA & 400 DC 200 MA. ALSO 6.3 VAC 2.75 A. & 6.3 VAC 5.5 A WITH 2/5R4GY TUBES.
 SIZE: 10 x 7 x 15; WT: 10 LBS. PRICE: \$19.95
 CABLE WITH 18 CONTACT PLUG TO FIT P.S \$2.00



POWER SUPPLY NO. 7630020V. VOLTAGE REGULATED, OPERATES FROM 115 VOLT 60 CYCLE. OUTPUT 200-250 DC. @ 150-250 MA. ALSO 6.3 VAC 2.75A & 6.3 VAC 5.5 TUBES 2/6AS7G, 1/VR-105, 1/6AK7 & 1/5R4G. WT: 30 LBS.
 SIZE: 11 1/2 x 10 1/2 x 6 \$18.95

CABLE WITH 18 CONTACT PLUG TO FIT POWER SUPPLY PLUG, 4 FOOT \$2.00



TRANSISTORIZED POWER SUPPLY INPUT 115 VOLT 60 CYCLE, OUTPUT 200 VDC 300 MA. SIZE: 5 x 4 x 5; 15 LBS. 5820-805-3930 NEW \$22.95

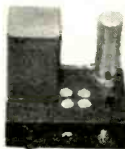
REGULATED P.S. F/TS-147; 115V60CY. OUTPUT 300/210VDC, 6.3VAC 1.7A. REQ. TUBES 5R4/6Y6/6SH7 & 2/0C3 SIZE: 16x3x8; 10LBS. #PS-147 PRICE: NO TUBES \$6 WITH \$9

MOTOROLA TA142 CONVERTER KIT; STEPS-DOWN VEHICULAR BATTERY VOLTAGE FOR 6 VDC MOBILE RADIO SETS. INPUT POWER 13.2 VDC @ 28.2 AMPS WITH MAXIMUM LOAD. OUTPUT: 6.4 VDC @ 30 AMPS (MIN.) OR 5.9 VDC @ 50 AMPS (MAX.) SIZE: 7 1/2 x 10 1/2 x 8 1/2; WT: 23 LBS. WITH SCHEMATIC. PRICE: UNUSED \$14.95

DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE CORD, PILOT LIGHT, LINE FUSE ETC. INDICATED RATINGS ARE FOR LOAD CONDITIONS.

OUTPUT 12/14 VOLT DC @ 3 AMP
 SIZE: 5 1/2 x 8 1/2 x 5; WT: 13 LBS.
 STK. #12/14VDC3A.
 PRICES: KIT OF PARTS \$10.00
 WIRED \$14.95



OUTPUT 12/14 VOLT DC @ 6 AMPS.
 SIZE: 5 1/2 x 9 1/2 x 5; WT: 15 LBS.
 STK. #12/14VDC6A
 PRICES: KIT OF PARTS \$14.00
 WIRED \$18.95

OUTPUT 24/28 VOLTS DC @ 4 AMPS
 SIZE: 5 1/2 x 9 1/2 x 5; WT: 12 LBS.
 STK. #PS-24VDC4A
 COMPLETE WIRED..\$17.95
 KIT OF PARTS.... \$13.00

OUTPUT 12/14 VOLT DC @ 4 AMPS.
 SIZE: 5 1/2 x 9 1/2 x 5; WT: 13 LBS.
 STK. #12/14VDC4A
 PRICES: KIT OF PARTS \$12.00
 WIRED \$16.95

OUTPUT 24/28 VOLTS DC @ 1 1/2 A.
 SIZE: 7 x 6 x 5; WT: 6 LBS.
 #PS-24VDC1.5A WIRED..\$10.95
 KIT OF PARTS \$8.00

OUTPUT 12/14 VOLTS DC @ 2 AMP
 SIZE: 7 x 6 x 5; WT: 7 LBS.
 #PS-12VDC2A WIRED...\$9.95
 KIT OF PARTS..... 7.00



MOBILE SUPPLY

AVA-126 VIBRATOR POWER SUPPLY; OUTPUT 300 VDC 100 MA. OPERATES FROM 6, 12 OR 24 VOLTS D.C WHEN THE PROPER VIBRATOR IS USED, OCTAL BASE. SUPPLIED WITH 6 VOLT VIBRATOR (USED WITH AVT-112 AIRCRAFT TRANS) ILLUSTR. COVER REMOVED. UNUSED
 SIZE: 7 1/2 x 7 1/2 x 7 1/2; WT: 12 LBS. \$4.95



RA-42 POWER SUPPLY RACK MOUNTING 19", 115/230 V 60 CYC OPERATION OUTPUT 200-250 VDC 100 MA HOUSED IN CABINET 7x8x6 WT. 30 LBS.
 USED \$12.00



RA-87 RECTIFIER; FOR USE WITH TELETYPE EQUIPMENT. CONVERTS 95 TO 125 VOLT OR 190 TO 250 VOLTS 50-60 CYC TO 115 VDC 400 MA AND 115 VAC 4.35 A. WHEN USED WITH 190 TO 250 VAC INPUT. RE-NEW \$12.95
 SIZE: 14 1/2 x 7 1/2 x 8; 45 LBS.. USED \$8.95

RA-74D POWER SUPPLY FOR RECEIVERS BC-779, 794, 1004, R-270 & R-129U.
 INPUT 95/105/117/130/190/210/234/260 VAC 25-60 CYC. OUTPUT 380 VDC @ 50 MA, 250 VDC @ 100 MA 100 VDC 4.5 MA -50 VDC 11 MA & 6.3 VAC 7 AMP. WITH TUBES 1/5Y3GT & 1/5U4G.
 RACK PANEL MTG. SIZE: 19x10 1/2 x 10; WT: 100 LBS
 PRICE: RE-NEW\$24.95



RADIOSONDE

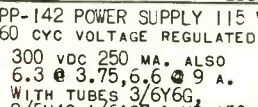
AN/AMT-4A RADIOSONDE: CONSISTING OF THE T-304A TRANSMITTER & MD-147C MODULATOR. TRANS. IS A.M., 1680 MHZ AND THE MODULATOR CONTAINS THE PRESSURE SENSITIVE ELEMENT OR ANEROID, TEMPERATURE ELE. HUMIDITY ELEMENT AND A COMPUTATOR, SERVES AS A SWITCHING ARRANGEMENT FOR THE DIFFERENT SERVICES WHICH IS TRANSMITTED BY THE RADIOSONDE THAT IS TAKEN UP BY A METEOROLOGICAL BALLON. ALSO USED FOR TRACKING WIND DIRECTION. WITH TUBES 5794 AND 5875. BATT. VOLTAGE REQ. 1.5, 6 & 115 VDC. WT: LESS BATT. 1 1/2 LBS. (613 GRAMS.)
 PRICE: TRANS. & MODULATOR LESS BATT. N \$7.95
 TRANS. ONLY \$4.95 MODULATOR ONLY 3.95



LENKURT MODEL 5047A POWER SUPPLY, INPUT: 115 VAC 60 HZ. OUTPUT: 24 VDC, 10 AMPS AC AND 160V. 150 MA DC. CONSTRUCTED ON AN ALL-ALUMINUM CHASSIS WITH VENTILATED ALUMINUM COVER WITH FLIP-LOCKS. (NOT SHOWN)
 SIZE: 19 1/2 x 7 1/2 x 10 1/2; WT: 45 LBS. \$24.95



PP-1243 POWER SUPPLY USED WITH AN/URM-32 FREQ. METER, CAN ALSO BE USED WITH OTHER EQUIPMENT. POWER REQ. 115/230 VOLT 50-450 CYCLES. OUTPUT VOLTAGES 180 VDC @ 20 MA. 6.3 VAC @ 1.1 AMP. WITH 6X4 TUBE
 SIZE: 12x3 1/2 x 7; WT: 8 LBS. USED \$24.95



PP-142 POWER SUPPLY 115 V 60 CYC VOLTAGE REGULATED 300 VDC 250 MA. ALSO 6.3 @ 3.75, 6.6 @ 9 A. WITH TUBES 3/6Y6G, 2/5U4G, 1/6AC7 & VR-150 ADJUSTMENT FOR B FUSED LINES, INDICATOR AND EXT. JACKS FOR OUTPUT ON FRONT PANEL.
 SIZE: 9 1/2 x 16 x 12 1/2; WT: 85 LBS. USED \$22.50

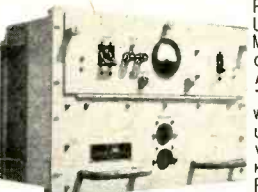


PE-157 POWER SUPPLY; HAND CARRING TYPE WITH LEATHER HANDLE. HAS COMPARTMENT FOR INSTALLING BB-54 2 VOLT WET CELL WHICH IS POWER SOURCE FOR OPERATING THE VIBRATOR SUPPLY THAT HAS A OUTPUT OF 1.5 VDC @ 490 AMPS. AND 135 VDC @ 50 MA. (APPROX. V/A) ALSO HAS SPACE FOR MTG. 4" SPEAKER.
 SIZE: 6 1/2 x 12 x 6; WT: 19 LBS.
 PRICE: USED LESS SPEAKER & BATTERY \$14.95
 BB-54 BATTERY 2 VOLT NEW \$ 2.95

PP-308/URR POWER SUPPLY; OUTPUT VOLTAGES OF 90 VDC, 1.4 VDC, AND -4.2 VDC. A PORTABLE UNIT WHICH CAN OPERATE FROM 115V. 60 CYCLE LINE OR FROM 6, 12 OR 24 VOLT VEHICULAR BATTERY; WITH FUSE HOLDERS, POWER-SELECTOR SWITCH, POWER ON-OFF SW, SPEAKER ON-OFF SW, AND SPEAKER FOR A RECEIVER*. TAKES 4 COND. FEMALE CONNECTOR (NOT AVAILABLE). WITH TUBES 2/6AG7 AND OB2. SIZE: 5 1/2 x 8 x 12 WT: 30 LBS.
 WITH GOV'T SPEAKER \$14.95 NO SPEAKER \$9.95
 " COMMERCIAL " \$12.95 CONDITION USED SERVE



PP-691/G POWER SUPPLY USED WITH THE TCC-13 MULTIPLEXER SYSTEM, OUTPUT 250 VDC @ 1.5 A AND 115 VAC @ 5 A. TRANSFORMER HAS 34 VCT WINDING THAT IS NOT USED, METER 2 1/2" 0-150 VOLTS AC, CIRCUIT BREAKERS AND FUSED CIRCUIT RACK PANEL MTG. 19x12x19; WT: 125 LBS.
 PRICE: USED SERVICEABLE EXCELLENT \$19.50



AUTO-RACE PACK BY VARNEY TWO 14 VDC 600 MA. SECONDARIES MAKE THIS IDEAL FOR A SMALL BENCH POWER SUPPLY WITH THE ADDITION OF A REGULATOR AND FILTER. INCLUDES TRANSFORMER COVER, SWITCH, 5 1/2 FT. LINE CORD. 5 1/2 x 3 1/2 x 2 1/2; WT: 3 LBS. \$2.95



AC TO DC POWER SUPPLY; 115 VOLT 50-60 CYCLE INPUT, OUTPUT 115 TO 230 VDC IN VARIOUS STEPS AS CAN BE ADJUSTED BY THE TAP SWITCH ON THE PRIMARY AND SECONDARY IN SIX STEPS, APPROX. 400 TO 500 MA. D.C. #KS-5825-101 SIZE: 19x3x10; WT: 45 LBS.
 PRICE: USED \$9.95



PP-484/FGC-5 VOLTAGE REGULATED POWER SUPPLY OPERATES FROM 115/230 VOLT 50/60 CYCLE 1 PH. OUTPUT 115 VDC 100MA, 225VDC 550 MA.; 4/6.3 VAC 12 AMP. -6.3V BIA. WESTON 301 METERS 3 1/2" 0-10 VAC; 0-200 VDC & 0-500 VDC; W/ TUBES 2/3B28, 2/2050, 2/12AU7, 6Y6 & 5U4. ALSO 2 AC OUTLETS ON FRONT PANEL. 19x11 1/2 x 20; WT: 150 LBS. USED \$29.95



ART-13 TRANSMITTER

100 WATT AIRCRAFT AUTOTUNE TRANSMITTER

MAKES A VERY SATISFACTORY AMATEUR UNIT FOR 80, 40, 20 AND 10 METERS. THE AUTOTUNE FEATURE PERMITS YOU TO PRESET THE FREQUENCY DESIRED ON ANY 10 PRESELECTED CHANNELS. (FOR CONVERSION INSTRUCTIONS SEE MANUALS #2 & #3 \$3.50 EA. TUBE LINEUP 1/837, 1/813, 2/1625, 1/12S7, 2/6V6, 2/811, 2/12SL7, 1/12SA7. VOLTAGE REQUIRED 28VDC 10AMP, 400VDC, 225MA & 1250VDC 250MA. SIZE: 23x16x11 1/2 WT. 70LBS

PRICE: USED WITH TUBES \$39.50

CONNECTOR PLUGS FOR TRANS. U/7 & U/8 \$2.50 EA. DYNAMOTOR FOR ART-13 WITH FILTERS & RELAYS 28VDC INPUT. PRICE: USED \$12.95

NEW CONNECTOR PLUGS FOR DYNAMOTOR U-9 OR U-10 EACH \$2.50

CU-24/ART-13 ANTENNA SHUNT CAPACITOR CONSISTS OF 3 CAPACITORS 25MMF 10KV PRICE USED \$1.00

0-17/ART-13 LOW FREQUENCY OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 TUBE. ALL OPERATING VOLTAGES ARE OBTAINED FROM THE TRANS. POWER SUPPLY. SIZE 5 1/2 x 5 1/2 x 9; WT 4LBS.

PRICE: USED \$7.50 UNUSED \$9.95

SA-22/ART-13 ANTENNA SWITCHING UNIT CONTAINS A BENDIX VACUUM RELAY LM-266, 24VDC, 2 POSITION CERAMIC SWITCH & 4 LARGE INSULATORS SAME AS USED ON TRANSMITTER, ALSO SO-239 COAX. CONNECTOR. SIZE: 11x7x7 WT 10LBS

PRICE: NEW \$4.95

VARIOMETER COIL FOR ART-13 No. L112 ROTOR AND STATOR COILS WITH GEARED COUPLING. 4x5x3; 2LB. USED \$3.95

RELAY OUTPUT CIRCUIT SELECTOR F/ART-13 No. K105 IPDT, IPNO & IPNC, MYCALEX INS. 18-32 VDC. 6x2x3; 2LB. USED \$2

ART-13 AUDIO SPEECH AMPLIFIER CONTAINS TWO 6V6GT & ONE 12SJ7 TUBES, CAN BE USED FOR CARBON OR DYNAMIC MIC. SIZE: 7x4x3 1/2; WT: 4LBS, USED STK #2C254 PRICE \$5.95

ART-13 CRYSTAL CALIBRATOR AND MCW OSCILLATOR UNIT; PROVIDES STABLE 50 KC FUNDAMENTAL FREQ. UTILIZING A 200 KC. CRYSTAL THAT IS USED TO CHECK THE CARRIER FREQ OF THE TRANS. OSC. A 1000 CYC. TONE IS ALSO PROVIDED FOR MCW OPERATION. WITH 2/12SL7, 1/12SA7 TUBES AND 200 KC. CRYSTAL. SIZE: 6x5x3; WT: 4 LBS. RE-MOVED \$9.95

ART-13 KEYING RELAY & VACUUM SWITCH; THREE S.P.S.T., CONTACTS NORMALLY OPEN; ONE S.P.S.T., CONTACTS NORMALLY CLOSED; TWO S.P.D.T. AND ONE S.P.D.T. VACUUM SWITCH COIL VOLTAGE 28 VDC RESISTANCE 2 COILS 27 OHMS IN SERIES, CONTACTS RATED 28 VOLTS 8 ANPS. CONT. NON-INDUCTIVE LOAD WITH VACUUM SWITCH. SIZE: 3x4x5; 2 LBS. #K-102/S-116 STK. #227595-7 RE-MOVED \$9.95 S-116 VACUUM SWITCH ONLY \$2.00

OSCILLATOR UNIT

CDA-T CRYSTAL OSCILLATOR UNIT FOR ART-13B TRANSMITTER; USED TO CONVERT TO CRYSTAL CONTROL FOUR CHANNELS ON LOW FREQ. 300-500 Kc. CRYSTAL SOCKET SIZE 5/32 DIA. 13/16x1/2 RECTANGULAR SELECTED FROM THIS UNIT, 10 CHANNEL CRYSTAL CONTROL FROM 1670 TO 18000 KC SELECTED FROM TRANS. CRY. SOC. SIZE 3/64" DIA PINS SPACED 1/8" C-C. W/TUBES 1625 & 6AQ5 ALSO 10/24VDC RELAYS, PLUGS INTO FRONT, DOES NOT EFFECT OPERATION OF VFO HIGH BAND. WT: 6 LBS. SIZE 5 1/2 x 5 1/2 x 9. USED \$9.95 CONNECTORS \$1 EA 2REQ.

COLLINS 618S-1 TRANSCEIVER 2 TO 25 MHZ, AM AND CW. 100 WATTS ON TRANSMITTER, CRYSTAL CONTROL 144 CHAN. USING CR-18/U CRYSTAL HOLDER. SAME CRYSTAL USED FOR RECEIVER AND TRANSMITTER. CROSSBAND OPERATION POSSIBLE BY CHANGING FREQUENCY SELECTOR PLUG-IN MODULES ARE USED IN BOTH THE REC. AND TRANS. WITH TUBES 3/5654, 2/5781, 4/5686, 8/5749, 3/5726, 4/5750, 2/5814, 5/6159 AND 0A2. ALSO 8/1N98 AND ONE IN458 GERMANIUM CRYSTALS. THE POWER WAS NORMALLY SUPPLIED FROM 28 VDC DYNAMOTOR AND 115 VOLT 400 HZ. HOWEVER, 60 HZ OPERATION IS POSSIBLE WITH 600 VDC, 250VDC, -50 VDC, -65 VDC AND 6.3 VAC 115 V. 400 HZ FOR THE SELSYN THAT IS MOUNTED TO THE P.A. INDUCTOR COIL. SIZE: 15 1/2 x 8 x 2 3/8 WT: 60 LBS. PRICE: USED \$65.

TRANSCEIVER R.F. TUNER FOR COLLINS 618S-1. THIS SUBASSY. CONTAINS 1ST & 2ND R.F. AMP, 1ST & 2ND REC. MIXER, 1ST & 2ND TRANS. MIXER, I.F. AMP, DISCRIMINATOR, MULTIPLIER AND 2 DRIVER CIRCUITS. WITH TUBES 2/5654, 3/5749, 4/5750 & 2/5686. TUNING IS DONE BY THE SLUGS MOVING IN AND OUT OF THE COILS, FREQ. RANGE 2-25 MC SIZE: 8x7x6 1/2; WT: 10 LBS. #5821-547-5718/618S PRICE: USED \$14.95

MODULATOR FOR COLLINS 618S-1 AUDIO DRIVE AND MODULATOR USES 2/6159, 1/5751, 1/5814 & 1/5726 TUBES. MODULATION TRANSFORMER INPUT 5500 OHM 300 V RMS, OUTPUT 4&5 2000 OHM 3000 V RMS 6&7 200 OHM 750 V RMS. MODULATION TRANSFORMER IS NOT PART OF THIS SUB-ASSEMBLY. SIZE: 4 1/2 x 3 x 6; WT: 4 LBS. #5821-505-3599/618S-1 PRICE: USED \$7.95

POWER AMPLIFIER 618S-1 COLLINS TRANSMITTER WITH VARIABLE INDUCTOR COIL 12.8 FT. #14 WIRE 27 TURNS, APPROX. 100 WATTS FOR 2 TO 25 MC. COIL IS RETARDED BY 115 V. 400 CYC SELSYN CONT. MOTOR, USES 3/6159 TUBES ALSO LARGE CERAMIC ROTARY SW. COILS, CHOKES ETC. SIZE: 11x5x6; WT: 10 LBS #5821-547-3496/618S-1 PRICE: LESS TUBES \$14.95 WITH TUBES \$18.50 SCHEMATICS FOR 618S SUB-ASSEMBLIES EACH \$1.00 MATING CONNECTORS " " " EACH \$1.50

AUTO ALARM RECEIVER

AUTO ALARM RECEIVER AR-8600X FOR 500 KC DISTRESS FREQUENCY. THE INTERNATIONAL AUTO ALARM SIGNAL CONSISTS OF A SERIES OF DASHES FOUR SECONDS IN LENGTH, SEPARATED BY SPACES HAVING A DURATION OF ONE SECOND. WHEN THE CORRECT SIGNAL IS RECEIVED IT WILL ACTUATE THE WARNING BELL. THIS RECEIVER-SELECTOR WAS DESIGNED FOR SHIPBOARD USE AND REQUIRES 115 VDC 1.5 AMPS. FOR THE PLATE, SCREEN, FILAMENT VOLTAGE-ALSO 6 VDC FOR THE BELL AND RELAY, MAX. 3 AMP. WITH TUBES 2/6K7, 1/6H6, 1/6A8 & 5/1611. W/ALARM BELL SIZE: 26x14x11; SHGP. WT: 100 LBS. MANUAL \$7.50 PRICES: SERVICEABLE; USED \$50.00 UNUSED \$75.00

RECEIVER 225 TO 400 MHZ

AN/URR-35 RECEIVER, 225 TO 400 MHZ CONTINUOUSLY TUNEABLE ON ONE BAND. RECEIVES AM VOICE, CW OR TONE. DUAL CONVERSION TYPE WITH FIRST IF 18.6 MHZ, SECOND IF 1.775 MHZ. PROVISIONS FOR PAN-ADAPTOR WITH 600 KHZ BANDWIDTH. INPUT IMPEDANCE 51 OHMS; AUDIO 60 MW INTO 600 OHMS OR 600 MW INTO 60 OHMS. SUITABLE FOR BENCH OR RACK MOUNTING. POWER REQUIRED: 115 VAC 60 HZ. SIZE: 8 1/2 x 17 x 1 1/2; WT: 65 LBS. PRICE: USED, REPAIRABLE \$75.00 CHECKED \$95.

APR-4 RECEIVER

R-444/APR-4Y RECEIVER AND CV-253/ALR TUNING UNIT FOUR BAND TO COVER THE FREQUENCY OF 38 TO 1000 MC. USED IN AIRCRAFT AS SEARCH EQUIP. TO DETECT ELECTROMAGNETIC RADIATION, THE FREQ. OF SIGNALS, RELATIVE FIELD STRENGTH AND AUDIO OUTPUT. SELECTOR PERMITS CHOICE OF AM NARROW/WID OR FM. ALSO IF ATTN. SELECTOR, HET. SW., RANGE SELECTOR, SWEEP CONTROL & TUNING KNOB. METER 2 1/2" FOR TUNING. ORIGINALLY DESIGNED FOR 115 V 400 CYCLE POWER SOURCE UNITS ARE AVAILABLE FOR 115 VOLT 60 CYCLE. ALSO REQUIRED IS 24 VDC FOR PILOT LIGHTS AND SCANNING MOTOR WHEN TUNING UNITS WITH MOTORS ARE USED. REC. USED SIZE: 8x10x12 1/2; WT: REC. ONLY 33 LBS. TU. 20L PRICE: REC. ONLY \$95.00

ANY OF THE TUNING UNITS LISTED BELOW CAN BE USED WITH THE R-444/APR-4Y OR R-54/APR-4 WE WILL SHIP WHICHEVER RECEIVER IS AVAILABLE. R-54/APR-4 RECEIVER SAME AS ABOVE ONLY DIFF. POWER REQ. 115 VOLT 60 TO 2600 CYCLE & 24 VDC SAME PRICE AND TUNING UNITS CAN BE USED.

CONVERTER TUNING UNITS FOR USE WITH 30 MC. I.F. NO POWER SUPPLIES REQUIRE 300 VDC, 6.3 VAC OR 24 VDC WHICHEVER THE CASE MAY BE. SIZE: 9x7x15; 25 LBS. AI

TN-16/APR-4 TUNING UNIT	38-95 MC	\$30.00
TN-17 " " "	74-320 "	40.00
TN-18 " " "	300-1000 "	45.00
TN-19 " " "	975-2200 "	40.00

TN-1/APR-1 " " "	38-95 "	25.00
TN-2/APR-1 " " "	76-300 "	30.00

POWER PLUG FOR REC. \$1.50 SHOCKMOUNT \$2.50

RECEIVERS 50 TO 600 MHZ

R-417/TRC FM RECEIVER, 50 TO 600 MHZ POSSIBLE (PLUG-IN.) WITH THE USE OF THE APPROPRIATE AMPLIFIER-CONVERTER PLUG-INS LISTED BELOW. BASE-BAND FREQUENCY 250 TO 68,000 HZ; INTERMEDIATE FREQUENCY 30 MHZ. AUTOMATIC FREQUENCY CONTROL; AUTOMATIC OR MANUAL GAIN CONTROL. INPUT IMPEDANCE 52 OHMS; OUTPUT IMPED: 600 OR 135 OHMS (BALANCE TO GROUND). WITH TUBES: 10/5654, 10/5670, 5751, 5726, 6AV6, AND 6AN5. PROVISION FOR BAND-PASS FILTER (NOT AVAILABLE) ON FRONT. POWER REQUIRED: 115 VAC 50/60 HZ. SIZE: 18x14x14 WT: 75 LBS. PRICE: USED, NOT CHECKED-COMPLETE, LESS PLUG-IN UNITS \$95.00

AMPLIFIER-CONVERTERS PLUG-IN UNITS USED WITH R-417 RECEIVER. OUTPUT IS TO 30 MHZ. CONTINUOUS TUNING OF R.F. AND OSCILLATOR. USED, COMPLETE. SIZE: 7 1/2 x 6 1/2 x 9 1/2; WT: 10 LBS.

AM-1179 50-100 MHZ, 5654	5670	6J4	\$39.50
AM-914 225-400 MHZ, 4/6JA	5670		34.95
AM-1177 400-600 MHZ 2/5768,	6AF4, 6AN4		44.50

BAND PASS FILTER PLUG-INS DESIGNED FOR USE IN THE R-417/TRC RECEIVER. EACH FIT INTO THE RECEIVER'S FRONT AND COVER A SPECIFIC FREQUENCY RANGE. PLEASE INDICATE TYPE # AND FREQ. WHEN ORDERING. WT: 5 LBS.

F-194	142-163 MHZ	F-239/U	58.5-67 MHZ
F-197/U	205-226 MHZ	F-240/U	67-76 MHZ
F-199/U	224-254 MHZ	F-241/U	75-84 MHZ
F-195	163-184 MHZ	F-242/U	84-92.5 MHZ
F-238/U	50-58.5 MHZ		

WRITE ABOUT OTHERS

PRICE RE-NEW \$9.95

AMPLIFIER-MULTIPLIERS USED AS PLUG-IN UNITS FOR THE T-302 TRANSMITTER, COMPANION TO THE R-417. UNITS COVER FREQUENCIES FM FROM 50 TO 600 MHZ, 120 WATTS. 12x6x14 40 LBS. USED-COMPLETE

AM-1180/GRC 50-100 MHZ;	4X150A TUBE	\$49.50
AM-915/TRC 225-400 MHZ,	2/4X150A	49.95
AM-1178/GRC 400-600 MHZ,	2/4X150A	54.50

AUDIO AMPLIFIER

AM-864/U AUDIO FREQUENCY AMPLIFIER IS A PEAK-LIMITING UNIT FOR AM AND FM BROADCAST OPERATIONS. MAY ALSO BE USED IN RECORDING AND SOUND SYSTEMS REQUIRING AUTOMATIC REGULATION OF PROGRAM LEVEL. INPUT AND OUTPUT IMPEDANCE BOTH 600 OHMS CT. GAIN: 36 DB (MAX.) POWER OUTPUT: 6 MW INTO 600 OHMS. DISTORTION: LESS THAN 2% @ 400, 1000 & 5000 HZ. SPEED OF AUTOMATIC GAIN REDUCTION: 0.05 SECONDS; RECOVERY TIME: 2 SEC. NOISE LEVEL: 40 DB BELOW 6 MW. FREQ. RESPONSE: FLAT WITHIN 1 DB FROM 100 TO 5000 HZ. WITH TUBES 2/6SK7, 6SC7, 6SN7, 5Y3. RACKMOUNT. POWER REQUIRED: 115/220 VAC 50-60 HZ. SIZE: 7x8x19; WT: 30 LBS. PRICE: RE-COND. \$24.95



AM-447 AUDIO FREQUENCY AMPLIFIER, VOLUME LIMITING TYPE, INSURES UNIFORM OUTPUT UNDER CONDITIONS WHERE THE RECEIVED SIGNAL LEVEL MAY VARY IN AMPLITUDE, ELIMINATING THE NEED FOR CONSTANTLY READJUSTING THE OUTPUT LEVEL. IT IS INTENDED TO BE USED RECEIVING EQUIPMENT, LINE AMPLIFIER OR

AMPLIFY THE OUTPUT OF A MICROPHONE FOR MODULATING TRANSMITTING EQUIPMENT. INPUT IMPEDANCE 600 OHMS, OUTPUT IMPEDANCE 200 AND 600 OHMS, AUDIO INPUT: -10 DBM TO -10 DBM, FREQ. RESPONSE FLAT WITHIN 2 DB FROM 300 TO 3500 CPS.. GAIN: 34.8 DBM MAX. AUDIO OUTPUT 3 WATT HAS INPUT, OUTPUT AND PHONE JACKS ALSO VOLUME CONTROLS. WITH TUBES

POWER REQUIRED 115 VOLT 50/60 CYCLE. SIZE: 7x12x14; (NO COVER WITH UNIT) WT: 23 LBS. PRICES: USED SERVICEABLE \$8.95 TWO FOR \$15.00

AM-489/TP ELECTRONIC CONTROL AMPLIFIER FOR SERVO SYSTEMS. USED TO AMPLIFY THE ERROR VOLTAGE IN SYNCHRO CONTROL SYSTEMS, AMPLIFIED ERROR VOLTAGE IS THEN USED TO CONTROL THE ASSOCIATED SERVO MOTOR. P/O RD-54 RECORDER POWER REQ. 115 V. 60 CYCLE. WITH TUBES 1/5Y3GT, 2/6V6GT, 2/6SL7GT, 1/6SN7GT. (NO COVER) SIZE: 10x11x19; WT: 25 LBS. PRICE: USED, \$14.95

AMPLIFIERS

- AM-142/AIC AMPLIFIER USED \$3.95
- AM-26/AIC AMPLIFIER USED 4.95
- NAVY/TCS AMPLIFIER UNUSED 7.95
- MD-2 SERVO AMPLIFIERS VARIOUS NO. USED 2.95
- EE-89 TELEPHONE REPEATER AMPLIFIER 4.95
- GSC-T1 CODE TRAINING KEY AMPLIFIER SETS \$16.95
- TAPE PULLERS FOR CODE TAPES MX No. \$14.95
- J-45 TELEGRAPH KEY W/LEG BAND J-37 KEYS 5.00
- BC1323 AUDIO AMPLIFIER 3 CHANNEL 6.95
- IC/VRW-7 WIRE RECORDER (NO AMPLIFIER) 9.95
- C-974/FRR-33 SELECTOR CONTROL F/R-390 24.95
- C-975/UHR RECEIVER CONTROL F/R-390 24.95
- TG-30 TELEGRAPH REPEATER OR TG-31 24.95
- AIRSPEED INDICATOR ID-1688/APA-44 \$9.95

RADIOSONDE

AN/AMT-2 RADIOSONDE, 403 MC FM. A SINGLE PACKAGE INSTRUMENT WHICH CARRIED BY A FREE BALOON, IS USED TO TRANSMIT METEOROLOGICAL INFORMATION TO A GROUND STATION. THE FREQUENCY MODULATION IS CONTROLLED BY A SENSOR MECHANISM CONTAINING ELEMENTS CONTROLLED BY PRESSURE, TEMPERATURE AND HUMIDITY TOGETHER WITH A COMMUTATOR ARRANGEMENT WHICH SETS UP A SEQUENCE OF SIGNALS. USES 2 TUBES AND REQUIRES 1.5, 6 & 115 VDC FOR OPERATION. W/TUBES, LESS BATT. SIZE: 4x6x6 1/2; WT: 1 1/2 LB. PRICE: \$5.00

T-69F/AMT-2 RADIOSONDE TRANSMITTER ONLY. F-2 EMIS- SION (FM) 390 TO 410 MC RANGE WITH TUBES 5703 AND 5910. REQUIRES BB-208 DRY CELL BATTERIES (SOLD SEPARATE). SIZE: 6x5x2 1/2; WT: 2 LBS. \$1.50

BB-208 DRY CELL BATTERY SET WT: 1 LB. \$5.95

NAVY TCS TRANSMITTER 1.5-12 MHZ A.M. 3 BANDS, 40 WATTS CW 20 WATTS PHONE, VFO, 4 CRYSTAL CONTROL PRE-SELECTED CHANNELS WITH TUBES 3/12A6 & 4/1625. VOLTAGES REQ. 12 VDC & 400 TO 440 VDC @ 200 MA. SIZE: 11x11x13 1/2; WT: 4 LBS. PRICES: USED REPARABLE \$34.50 CHECKED \$44.50

NAVY TCS RECEIVER 1.5 TO 12 MHZ. A.M. IN 3 BANDS, CRYSTAL CONTROL ON 4 PRESET FREQ. IN THE FREQ. RANGE. CONTINUOUS TUNING OVER THE ENTIRE FREQ. RANGE. AUDIO OUTPUT 1.5 INTO A 500 OHM LOAD. WITH TUBES 3/12SK7, 1/12SA7, 1/12SG7, 2/12A6. (VOLTAGES REQ. SIZE: 11x11x13 1/2; 37 LBS. 12VDC/220VDC/100MA PRICES: USED REPARABLE \$44.95 CHECKED \$54.95

- TCS ACCESSORIES
- REMOTE CONTROL BOX WITH SPEAKER USED \$9.95
 - TRANS. ANT. LOADING UNIT USED 14.95
 - DYNAMOTOR P.S. F/REC & TRANS. 12V 14.95
 - REC. TO P.S. CABLE 2.75
 - TRANS. TO P.S. CABLE 2.75
 - CONTROL BOX TO P.S. CABLE 4.95
 - CONNECTOR PLUGS FOR ANY OF UNITS, EACH 2.00
 - MOUNTING BASE W/ SHOCK MOUNTS 4.75
 - SHOCK MOUNTS ONLY EACH .75
 - NOISE LIMITER CONVERSION KIT F/REC 3.00
 - AC POWER SUPPLY 115 VOLT 60 HZ TRANS. 40.00
 - REC. ONLY W/SPEAKER \$25. REC. & TRANS. 55.00
- FOR MORE INFORMATION PLEASE WRITE

RECEIVERS & TRANSMITTERS

- LINK REC-TRANS. #5FRX 30-40 MHZ FM U. \$29.50
- LINK RECEIVER #1905 152-172 MHZ FM U. \$24.95
- LINK RECEIVER #11UF06 30-50 " " U. \$24.95
- LINK RECEIVER #BC-499 20-28 " " W. \$18.95
- R-127 REC. 2 CHANNEL 162-174 " " U. \$14.95
- R-114 REC. 190-510KHZ/1.7-8.7" AM N. \$24.95

- MAB NAVY REC-TRANS. 2.3-4.5 MHZ AM U \$9.95
- DAV " " 2.3-4.5 " " U \$12.95
- T-193 TRANS. 30-40 MHZ FM 40 WATT UN \$14.95

- BUDELMAN 142BW RECEIVER 840-940 MHZ \$100.00
- R-89/A/N-5 RECEIVER GLIDE PATH 332-335 9.95
- R-430/ARN-5 " " " " \$12.95
- R-122/ARN-12 " 75 MHZ 9.95
- R-65/APN-9 LORAN RECEIVER 65.00
- R-322/ARN-18 RECEIVER 24.95
- ARR-46 RECEIVER 24 TO 51.9 MHZ. 65.00
- COMCO MODEL 278 TRANS.-REC. 275 MHZ 30.00
- RT-91/ARC-2 TRANS.-REC. 2-9.5 MHZ. 50.00
- T-95/CRT-2 ROCKET TRANS. 1330-1850 KHZ 24.95
- T-30/TRC-8 TRANSMITTER 230-250 MHZ 25.00
- TA-188B TRANS. 118-135.9 MHZ A.M. 59.50

VISUAL FLASH LAMP

IDENTIFICATION FLASH EQUIPMENT, USED BY GROUND FORCES TO SIGNAL POSITION TO AIR-CRAFT OR OTHER GROUND UNITS, BY A EXTREMELY BRIGHT FLASH OF LIGHT THAT CAN FROM THE AIR BY APPROX. 3 MILES AND GROUND, DEPENDING ON TERRAIN 1 MILE OR MORE. POWER REQ. 12/24 VOLTS D.C. UNIT COMES WITH 2/12X3 TUBES, SYLVANIA FLASH LAMP 1073, WITH HOLDER & 20 FT. CABLE & 15 FT. BATTERY CABLE ETC. FLASH RATE 1 PER 1 1/2 SEC. SIZE: 17x10x4 1/2; WT: 50 LBS. PRICE: UNUSED CHECKED W/MANUAL \$29.95

SYLVANIA FLASH LAMP WITH PORTABLE HOLDER AND LAMP SOCKET, SWITCH, IGNITION COIL & 20 FOOT 4 COND. CABLE. WT: 5 LBS. \$10.00

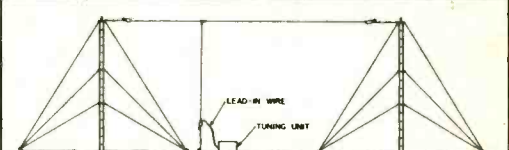
RT-35/AM RADIOSONDE TRANSMITTER-RECEIVER 675 TO 725 MC, USED FOR WEATHER AND RADAR OBSERVATION WITH 4/1L4 & 1/2C35 TUBES. VOLGATE REQ. 90 VDC & 1VDC SIZE 3 1/2x4 1/2x10; WT: 5 LBS. PRICE: NEW \$3.95

I-196 SIGNAL GENERATOR 160 TO 220 MC, USED TO CHECK IFF SETS WITH ONE 957 TUBE, VARIABLE FREQUENCY AND TONE, PILOT IND. ON/OFF SWITCH. DRY BATTERIES 1 1/2 & 135 VDC. Rfq. HOUSED IN WOOD CASE WITH CANVAS COVER. SIZE: 8x8x14; 10 LBS. PRICE: USED \$3.95

DIGITAL DISPLAY



DIGITAL DISPLAY: EACH UNIT WILL SHOW NUMBERS 0 TO 9 ALSO \$ SIGN 3-3/16" HIGH ON 3 1/2x4 SCREEN THAT CAN BE SEEN FOR QUITE A DISTANCE. OPERATES FROM 6.3 VAC. CAN BE ADAPTED FOR BASKETBALL FOUL INDICATOR BY PLACING ONE OVER EACH SCOREBOARD AND HAVE A CONTROL PANEL CONSISTING OF 5 SWITCHES AND TRANSFORMER AT THE SCORER'S TABLE. (WIRING DIAGRAM FURNISHED ON REQUEST) CAN ALSO BE ADAPTED FOR USE AS A MOVING READOUT BOARD. SIZE: 3 1/2x5 1/2x11 1/2; WT: 7 LBS. PRICE: USED \$5.95 EACH 2 FOR \$10.00



AN/GRA-4 PORTABLE HALF WAVE ANTENNA: DESIGNED FOR TRANSMITTING UP TO 100 WATTS AND RECEIVING IN THE 1.5 TO 18 MHZ RANGE. VERTICAL OR VARIOUS TYPES OF HORIZONTAL ANTENNAS CAN BE ASSEMBLED. (ORDER THE INDIVIDUAL PARTS YOU NEED TO MAKE THE TYPE ANTENNA YOU WANT)

- AB-85 MAST SECTION, ALUM. 3" 1-5/8" DIA. WITH ONE END SMALLER SO IT SLIPS OVER PRECEDING SECTION. WT: 2 1/2 LB \$1.50
- MX-1116 FRAME USED TO CARRY 16 AB-85 SECTIONS W/CARRING STRAPS EA. END & STORAGE SPACE INSIDE. WT: W/16 AB-85, 40 LBS. MX-1116 FRAME & 16 AB-85 SECT. \$25.00
- RL-122 REEL ASSY. W/150 FT. BARE WIRE STRAND 42/32 AND MATING TERMINATIONS SO OTHER REELS CAN BE ATTACHED. 3LB. \$4.95
- MX-384 INSULATOR; FITS AT THE JUNCTION OF ANY 2 MAST SECTIONS, FOR VERTICAL. 3LB \$2.95
- AB-154 MAST BASE W/SWIVEL STAKE, SEC. OR INSULATOR FITS INTO FOR VERTICAL. 1LB \$1.95
- MX-857 ADAPTER FOR TOP OF MAST SO MS-116-117 & 118 WHIPS CAN BE ADDED. 1 LB. \$1.95
- IL-4 INSULATOR, HAS TERMINALS (2) FOR CONN. ANT. WIRE AND FEMALE COAXIAL FITTING FOR CONN. CG-357/U CABLE. 1 LB. \$2.95
- CG-357/U COAXIAL CABLE RG-59A/U 72 OHMS WITH (50FT) W/JACK & PLUG EA END, TYPE "N" 2LB \$2.50
- MX-GUY ROPES ARE MADE OF 3/16 NYLON AND COME WITH WITH LENGTH ADJUSTMENT FASTENER, SNAP HOOK AND INSULATOR, 800 LB. TEST.
- MX-382 GUY 31FT WITH ATTACHMENTS. 12oz \$1.00
- VX-381 " 40" " " 14" \$1.25
- VX-383 " 50" " " 16" \$1.50
- VX-378 GUY PLATE FOR FASTENING GUYS 2oz \$.35
- MX-516 HALYARD 3/16" NYLON ROPE 800 LB TEST 140 FT. WITH INSULATOR, FASTENER THAT ATTACHES TO RL-122 REEL OR WIRE AND A PULLEY THAT FLOATS ON HALYARD AND ATTACHES TO GUY PLATE W/SNAP HOOK. \$4.50
- CP-12 COUNTERPOISE; FOUR 25 FT RADIALS OF WIRE 16/#30 WEATHER PROOF, WITH ATTACHMENTS THAT ARE FASTENED TO GROUND STAKES, USED W/VERTICAL. 2LB. \$3.95
- GRA-4 GUY STAKE; ALUMINUM 18" WITH FASTENER FOR GUY, 1 1/2"x1 1/2" ANGLE. 1 LB. \$.50

AB-101/TRC MAST SECTION; FOR ANTENNA SUPPORT; STEEL TUBE 518"x1-53/64" 10.x2" OD W/8-5/16" OD OF ONE END SWAGED TO 1-7/8" OD TO BE USED AS A INTERCONNECTING FERRULE, LOCKING SLOTS ARE PROVIDED IN EA. FERRULE OF MAST SEC. ALSO CORRESPONDING PIN, ALONG WITH LOCKING DEVICE. WT: 10 LBS. EA. SEC. 7 SEC. FIT INTO CARRYING CASE CY-443. TOTAL WEIGHT 100 LBS. PRICE: SECTIONS ONLY \$6 EA. CY-443 CARRIER \$15

AB-102/TRC BASE FOR MAST WT: 10 LBS. \$10

CARRIER MONITOR: WHEN COUPLED TO AN ANTENNA TRANSMISSION LINE IT PROVIDES DIRECT CURRENT TO A REMOTE POSITION WHICH CAN BE USED AS AN INDICATION OF PROPER TRANSMISSION. THE OUTPUT AMPLITUDE IS PROPORTIONAL TO THE CURRENT FLOW IN THE TRANSMISSION LINE. INPUT IMPEDANCE 600 OHM, OUTPUT IMP. 600 OHM. OUTPUT LEVEL - 30DBM FOR 100% MOD. INTO 600 OHM LINE. WITH TUBES 6X4, 6J6, 6AL5, V103. VOLTAGE REQ. 115/230V 60 CYC. OUTPUT JACKS AND CONTROLS ON FRONT PANEL. ALSO 2 VACUUM CAPACITORS 3MFD 15 KV AND LEAD FOR CONNECTING TO 500 TO 50K WATT TRANSMITTER IN THE 2 TO MC. RANGE. UNIT ALSO HAS COVER. SIZE: 6x6x8 1/2; 15 LBS. #1028017 UNUSED \$4.95

Control Boxes

Filters

Indicators

Tuning Units

Amplifiers



ALARM BELL
OPERATES FROM
24 VOLT D.C.
SIZE: 4 1/2 x 4 1/2 x 2 1/2
WT: 1LB #561-3
NEW \$1.95



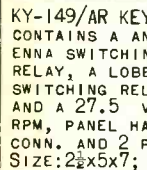
RM-24 CONTROL BOX
WITH HANDSET HOLDER
3 PUSH SWITCHES,
VOLUME CONTROL, MIC
AND PHONE JACKS ETC
SIZE: 10 1/2 x 7 1/2 x 2 1/2; 8 LB
PRICE; NEW \$3.95



C-345A MRC-2 CONTROL BOX
HAS VOLUME
CONTROLS,
PHONE & SPEAKER JACKS,
FOR TWO RECEIVERS A & B.
ALSO 2 1/2 FT CORDS W/PL-68
PLUGS TO CONNECT THE UNIT
WITH A & B. 6x3 1/2 x 2 1/2; WT: 4LB
PRICE: \$3.95




SB-329 SIGNAL DISTRIBUTION CONTROL BOX
USED W/ARC-44
RADIO SET.
CONTAINS 4 POS. SEL. SWITCH
VOL CONT, 2 IND. LITES WITH
327 LAMPS, MINUTURE SWITCHES
3x3x2 1/2 3/SPDT, 1/SPDT & 1/DPD
1x2x2 1/2. SIZE: 2 1/2 x 5 1/2 x 4 1/2; 5 LB
RICES: USED \$3.95 NEW \$7.95



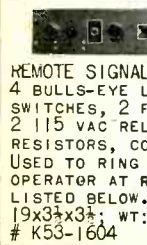
KY-149/AR KEYER
CONTAINS A ANT
ENNA SWITCHING
RELAY, A LOBE
SWITCHING RELAY
AND A 27.5 VDC PM MOTOR 60
RPM, PANEL HAS 4 BNC COAX.
CONN. AND 2 PIN POWER PLUG.
SIZE: 2 1/2 x 5 x 7; 3 LB. NEW \$8.95



LS-230 INTERCOMMUNICATION STATION CONTROL BOX
CONTAINS 3 ROTARY
3 POSITION
LEVER CONT. SW
1 LEVER SW. DP
DT CENTER OFF.
1 LEVER SW. SPST 1 SIDE,
OTHERSIDE SPST MOM. & CENTE
OFF. 3 LITE IND. PHONE &
MIKE JACK & 1 MIN. TRANSFER
50 TO 500 OHM. SIZE: 7 1/2 x 5 1/2 x 2 1/2;
WT: 3 LBS. PRICE: \$5.95




O-423/AR RELAY OSCILLATOR.
PROVIDES MEANS FOR
USING THE
TRANS. AS A RF
SOURCE FOR TUNING THE REC.
WHEN USED IN THE COMPLETE
SYSTEM. CONTAINS 5/24 VDC
CERAMIC RELAYS, 2 MIN. VOL
CONT. 2-BNC COAX. CONN. ETC
SIZE: 4x5x2; 3 LBS. NEW \$5



REMOTE SIGNALING PANEL
WITH 4 BULLS-EYE LIGHTS, 2 SPST
SWITCHES, 2 FUSE HOLDERS,
2 115 VAC RELAYS, LINE CORD
RESISTORS, COND. ETC.
USED TO RING BELL AND SIGNAL
OPERATOR AT REMOTE STATION
LISTED BELOW. (LESS BELL)
19x3 1/2 x 3 1/2; WT: 6 LBS.
K53-1604 NEW \$3.95




REMOTE STATION LINE PANEL BOX
HAS THREE
POSITION SELECTOR
SWITCH, 2 BULLS EYE
INDICATOR LIGHTS, 115 VAC
LINE CORD ETC. (NO BELL INC
3 1/2 x 6 x 4; 3LB.
#R-53-1604S NEW \$1.95



RADIO COMPASS INDICATORS.
0-360 DEGREE
SCALE, WITH
AUTOSYN RECEI-
VER 26 V. 40C
CYCLE. (WILL
ALSO OPERATE
ON 12 V. 60 CY

1-82A INDICATOR 5" USED \$10
NEW \$14
1-81A INDICATOR 3" USED \$6
1-91B INDICATOR 3" NEW \$10
AY-201 AUTO SYN TRANSMITTER
THAT CAN BE USED WITH THE
ABOVE INDICATORS TO MAKE A
WIND DIRECTION INDICATOR
SYSTEM. \$2.95 USED
TRANSFORMER 12 V. \$1.95
(W/ INSTRUCTIONS) \$2.95
PL-118 PLUG TO FIT IND \$2.



MN-40 INDICATOR
0-360 DEGREE SCALE
SIMILAR TO ABOVE
EXCEPT THAT IT IS
OPERATED MECHANICALLY
BY USE OF A
SPINED FLEXIBLE
SHAFT OR SPIN KNOB OR BOTH.
MN-40 INDICATOR 5" \$2.50
MC-124 SHAFT 20" \$1.50
MC-137 SPIN KNOB \$1.00




C-493A VRC-2 CONTROL BOX W/
VOL. & SQUELCH CONTROLS, RED
& GREEN IND. LIGHTS, AND STD
4-PRONG AMPHENOL MIKE RECEP-
TACLE. SIZE: 7x2 1/2 x 2 1/2; WT: 3LB
PRICE: UNUSED \$2.95

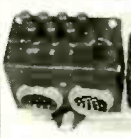
REMOTE CONTROL BOX FOR TCS
EQUIPMENT, CONTAINS 3 SPST
SWITCHES, 2 PHONE AND MIC
JACKS ALL WATERPROOF, 1
DUAL POTENTIOMETER WITH
DIAL KNOB. SIZE: 5 1/2 x 5 1/2 x 3,
WT: 3LBS. #OMX23429 NEW \$1.00



FLASHER POSITION LIGHT, PERIODIC
AIRCRAFT TYPE
C-2, CONTAINS
2 FLASHER G-107
BALLAST TUBE,
24VDC RELAY DPDT, COND, RES.
SIZE: 4x4x4; WT: 2 LBS. USED
PRICE: \$1.00 EA. 2/\$1.50

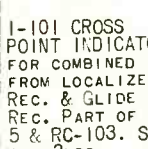


BC-1152 SCOPE INDICATOR 3"
CATHODE RAY
TUBE 3HP7, 1/
6H6. CONTROLS
FOR CENTERING
HOR. VERT. AZIM. INTENS.
FOCUS & SCALE ILLUM.
SIZE: 14x5x5; WT: 10 LBS.
PRICE: USED \$4.95

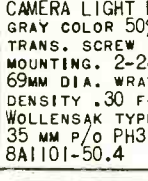


BC-938A BC-451 BC-136/2
BC-938A CONTROL BOX WITH 7
push button switches marked A, B,
C, D, OFF, 1 & 2. Also tone, SW & voice
switch & connectors.
Price... \$2.00

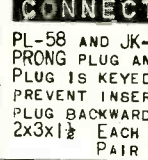
BC-451 CONTROL BOX with switches
tone-CW-voice, on-off, 1, 2/3/4
also code key, mic & phone jacks.
AUTO REMOTE CONTROL ASSY.
MIC. JACK, PILOT LITE, ON-OFF
SWITCH & 6 FT. 8 COND CABLE
MOUNTED TO PLATE 3x3" 2LBS.
PRICE: \$1.25 EA. 3/\$3.00



1-101 CROSS POINT INDICATOR
GRAY COLOR USED
FOR COMBINED USE
FROM LOCALIZER
REC. & GLIDE PATH
REC. PART OF /RN-
5 & RC-103. SIZE 3 1/2 x 3 1/2 x 3
WT: 3LBS. RECOND. \$2.95



CAMERA LIGHT FILTER
GRAY COLOR 50%
TRANS. SCREW IN
MOUNTING. 2-23/32
69MM DIA. WRITTEN
DENSITY .30 FOR
WOLLENSAK TYPE V254 MM F4.5
35 MM P/O PH330G CAMERA
8A1101-50.4 \$1.95



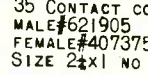
CONNECTORS
PL-58 AND JK-37 THREE
PRONG PLUG AND JACK.
PLUG IS KEYS TO
PREVENT INSERTING
PLUG BACKWARDS.
2x3x1 1/2 EACH \$.59
PAIR 1.00



CONNECTOR PLUGS
15 CONTACT
SIZE: 2 1/2 x 1 1/2 x 1 1/2
PER PAIR \$1.50 P-601




18 CONTACTS
2 1/2 x 2 x 1
P-2802
PER PAIR \$2.00

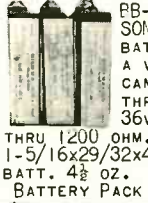


35 CONTACT CONNECTOR
MALE #621905
FEMALE #407375
SIZE 2 1/2 x 1 NO COVER \$1.50 PR.

15 CONTACT, POLARIZED 3
LARGE CONT. SIZE 1 1/2 x 2 AMP
#26-150 F/CHASS. #151 W/CC
USED \$1.50



GENERAL ELECTRIC HEAVY DUTY MULTI-SWITCH
FOUR CONTACT 3
POSITION & OFF.
POS. 1 & 2, 2 & 3, AND 3 & 1.
SIZE: 5 1/2 x 4 1/2 x 2 1/2; WT: 3 LBS.
GE #16S81GF 11X4/SB-1 \$4.95



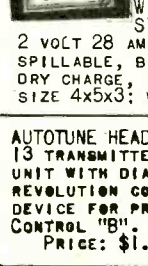
PB-208/AMT RADIC SONDE DRY CHARGE BATTERIES, 4 IN A VACUUM PACKED CAN, ONE 6V 2 1/2 HR THRU 30 OHMS, 3 36V EA. 3A HR.
THRU 1200 OHM. EA. BATT. SIZE
1-5/16x29/32x4-5/32; WT. EA.
BATT. 4 1/2 OZ.
BATTERY PACK (4) \$1.29



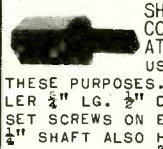
N-T-6 PLASTIC STORAGE BATTERY
DRY CHARGE, 6
VOLT 4 AMP. 3 1/2 x
2 1/2 x 1 1/2 LB \$3.95



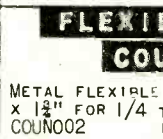
WILLARD PLASTIC STORAGE BATTERY
2 VOLT 28 AMP. HOUR NON-
SPILLABLE, BALL INDICATOR
DRY CHARGE, ADD ELECTROLYTE
SIZE 4x5x3; WT: 4LB. \$2.95



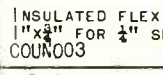
AUTOTUNE HEAD FOR ATC/ART-13 TRANSMITTERS. MULTITURN UNIT WITH DIAL 0-100, KNOB, REVOLUTION COUNTER, LOCKING DEVICE FOR PRESETTING. CONTROL "B". COL #23518
PRICE: \$1.95



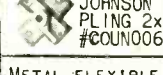
SHAFT EXTENDER-COUPPLER-INSULATOR, CAN BE USED FOR ANY OF THESE PURPOSES. METAL COUPLER 1/2" LG. 3/8" DIA. WITH 2 SET SCREWS ON EA. END. FOR 1/2" SHAFT ALSO HAS FIBER INSULATED SHAFT 3/8" LG. WITH SLOTTED END.
#T-278-C 39¢ EA. 3 FOR \$1



FLEXIBLE COUPLING
METAL FLEXIBLE COUPLING 2" X 1 1/2" FOR 1/4 TO 1/4" SHAFT
COUN002 EA. \$.40



INSULATED FLEXIBLE COUPLING
1" x 3/8" FOR 1/2" SHAFT.
COUN003 \$.25




JOHNSON CERAMIC COUPLING 2x2 F/1/4" SHAFT
#COUN006 59¢ 2 FOR \$1



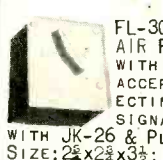
METAL FLEXIBLE COUPLING FI
1" x 3/8" TO 3/8" SHAFTS. 1" DIA.
1 1/2" LONG.
COUN005 \$.25




TERMINAL BOARD, P/O
BD-71
SWITCHBOARD. HAS 15 BRASS
BINDING POSTS ON INSULATING
BOARD SIZE 3 1/2 x 16 1/2; WT: 3LB
PRICE: \$1.50 EACH 4/\$5.00



VIEWING HOODS FOR OSCILLOSCOPE
TEKTRONIX 5" RD.
PLASTIC BARREL
RUBBER VIEWER.
5" RDx1 1/2; 4 LBS
#3669 NEW \$3.00
RECTANGULAR VIEWING HOOD
6" x 5" x 9 1/2"; 4 LBS. 2ZA937B \$3



FL-30 BEAM FILTER AIR FORCE TYPE
WITH SWITCH FOR
ACCEPTING OR REJECTING
1020 CYCLE
SIGNAL FOR REC.
WITH JK-26 & PL-55 PLUGS.
SIZE: 2 1/2 x 2 1/2 x 3 1/2; 1LB. USED \$3.

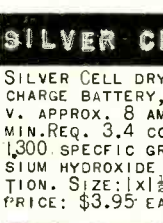


CURRENT TRANSFORMER FOR USE WITH AC AMMETER, MOLOED TOROIDAL CONST
200/115 V 400 CPS
CURRENT RATING
500: 0.65 AMPS. 2 1/2 x 2 1/2 x 1 1/2 IN.
4 OZ, # 7499 \$.75
SIMILAR TO ABOVE OPEN
TOROIDAL. RATING 250: 2
AMPS 400 CPS. WEST. TYPE
AVT-15A 3x3x1, 8 OZ. \$.75




RIGHT ANGLE DRIVE WITH SPIN KNOB AND 1 1/2" DIAL INDICATOR.
3/8 x 5/16 SPLINE SHAFT.
2 1/2 x 1 1/2 x 1 1/2; #9922 \$1

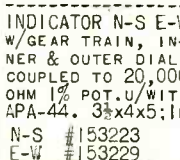
VERNIER DIAL 2 1/2" 100 TO 0 SCALE.
TAKES 1/2" SHAFT.
PRICE: \$2.00




SILVER CELL DRY CHARGE BATTERY, 1.5 V. APPROX. 8 AMP. MIN. REQ. 3.4 CC OF 1.300 SPECIFIC GRAVITY POTASSIUM HYDROXIDE FOR ACTIVATION. SIZE: 1 1/2 x 3/8. #EP148E
PRICE: \$3.95 EA. 3 FOR \$10



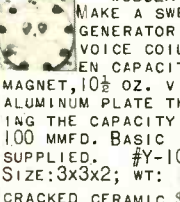
NOISE-VOICE WHEN CONNECTED TO 6-9 VOLTS AND A RELAY OF THE SAME VOLTAGE THE RELAY CAN BE ACTIVATED BY NOISE OR VOICE. UNIT CONSISTS OF CRYSTAL MIC. TRANSISTOR, SCR 2 CAP. 3 RES. AND A TRIMMER POT. FOR ADJUSTING SENSITIVITY. W/SCHEMATIC/LESS BATT AND RELAY. SIZE: 1 1/2 x 1 1/2; 2 OZ. LEE #5355 PRICE: \$1.95 3/\$5




**INDICATOR N-S-E-W W/GEAR TRAIN, INNER & OUTER DIALS COUPLED TO 20,000 OHM 1/2 POT. U/W/ APA-44. 3 1/2 x 4 1/2 x 5 1/2; 1LB
N-S #153223 \$4.95
E-W #153229 \$4.95**



HYDROPHONE UNIT MAGNETOSTRICTIVE ION TYPE 20 KC RESONANT FREQ. THIS A STANDARD SECTION OF A COMPLETE ASSY. AS USED IN AN/SCS-10 SONAR. SIZE: 3 1/2 x 5 1/2 x 1 1/2; WT: 3LBS. #875446/Y901 \$5.95



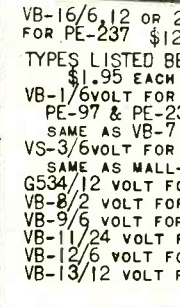
WOBUlator MAKE A SWEEP SIGNAL GENERATOR WITH THIS VOICE COIL TYPE DRIVEN CAPACITOR, ALNICO MAGNET, 10 1/2 OZ. VIBRATES A ALUMINUM PLATE THEREBY VARYING THE CAPACITY FROM 5 TO 100 MMFD. BASIC INFORMATION SUPPLIED. #Y-101/APN-1 SIZE: 3x3x2; WT: 1 1/2 LBS. CRACKED CERAMIC \$2 GOOD \$3




VERNIER DIAL 6" 2 SCALES WITH LOCK. USED ON TAJ TRANSMITTER MO TUNING. 5 LBS. \$3.50



VIBRATORS
VB-16/6, 12 OR 24 VOLT FOR PE-237 \$12.00
TYPES LISTED BELOW \$1.95 EACH
VB-1/6VOLT FOR PE-117 PE-97 & PE-237 SAME AS VB-7
VS-3/6VOLT FOR PE-104 SAME AS MALL-550C
G534/12 VOLT FOR PE-110
VB-8/2 VOLT FOR PE-157
VB-9/6 VOLT FOR PE-157
VB-11/24 VOLT FOR PE-12
VB-12/6 VOLT FOR PE-120
VB-13/12 VOLT FOR PE-12



BB-51 BATTERY 6 VOLT 2.75 HOURS THRU 300HMS LEAD CELLS SIZE 1 1/2 x 3 1/2 x 7/8. 5 OZ. DRY CHARGE PRICE: 3 FOR \$1.50



BB-52 BATTERY, SAME AS BB-51 EXCEPT 36V. EA. 3A. HR. THRU 1200 OHM. PRICE 3 FOR \$.95

MINIMUM ORDER \$5.00

RADIO TELEPHONE LINK



AN/TRC-47 RADIO SET IS PRIMARILY USED AS PART OF A 3 MILE SINGLE CHANNEL RADIO LINK IN A TWO WIRE TELEPHONE SYSTEM. A CONVERTER IS USED TO CONNECT THE TWO SYSTEMS. THE UNIT IS SINGLE CHANNEL AM CRYSTAL CONTROL FOR USE IN THE 132 TO 150 MC BAND AND REQUIRES 115 OR 230 VOLT 50 TO 400 CYCLE FOR OPERATION.

THE TRANSMITTER OUTPUT IS 7 WATTS AND COMES WITH TUBES 1 EA. 2E26, 5763, 5R4, 6AK6, 0A2 12AX7, 2 EA. 12AU7 & 6L6, TUNING METER & METERING SW....RECEIVER HAS SPEAKER AND TUBES 1 EA. 12AT7, 6AG5, 12AX7, 6AX5, 2 EA. 6BA6, 6J6, 0B2 & 4/6AK5...THE CONVERTER IS A COMBINED RINGING SIGNAL CONVERTER AND ELECTRONIC HYBRID NETWORK. IT CONVERTS A 20 CYCLE SIGNAL TO A 800 CYCLE AND 800 CYCLE FROM THE REC TO 20 CYCLE SO THE SIGNALS CAN BE TRANSMITTED AND ADAPTES TO TWO AND FOUR WIRE TEL. SYSTEMS. WITH TUBES 3 EA. 12AT7. 1 EA. 6AS6, 6AK6, 0B2, 2/0A2 & 3/6X4.

CABINET SIZE 21x14x22; SHPG. WT: 100 LBS. PRICES: USED SERVICEABLE \$59.50

RT-159/URC-4 RADIO RECEIVER-TRANSMITTER USED FOR GROUND TO AIR-CRAFT RESCUE WORK. VHF FREQ. 120-130 MC. UHF FREQ. 240-260 MC. CRYSTAL CONTROL TRANSMITTER, SUPER REGENERATIVE RECEIVER, DIPOLE COLLAPSIBLE ANTENNA AND COMB. MIC & EARPHONE ARE PART OF THE SET. WITH 8 TUBES 4/6050, 2/6147, 2E32, & 3Q4.

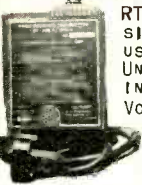


BATTERY VOLTAGES REQUIRED 1.4 AND 90 VDC. UNITS USED SERVICEABLE. SIZE: 3x7x2; WT: 3LBS. PRICE: USED \$14.95

CX-1093A/U POWER CABLE FOR URC-4 \$1.50



URC-4 TEST SET, TS-684/URM-30 USED FOR ALIGNMENT AND TESTING RT-159 REC TRANS. CONTAINS 0-1 MA. METER, CRYSTAL OSC., METERING SW. ANTENNA, CABLE ETC. IN CASE SIZE 6X6X4. WITH INSTRUCTIONS IN THE COVER PRICE: NEW \$9.95



RT-285/URC-11 RECEIVER-TRANSMITTER SIMILAR TO URC-4 RESCUE UNIT FOR USE BETWEEN AIRCRAFT AND GROUND. UNIT IS SET FOR 243 MC. TELESCOPING ANT. REC.-TRANS-TONE SW. BOTTOM VOLTAGES REQ. 1.4 & 90 VDC. SAME AS URC-4 ALSO URC-4 TEST SET CAN BE USED. TS-684 SHOWN ON PAGE 16 SIZE: 3x1x4; WT: 1 LBS. PRICE: USED..... \$18.95

IDENTIFICATION SET

RT-82/APX-6 RADAR IDENTIFICATION SET RECEIVER-TRANSMITTER COVERING RANGE OF 950-1150 MC. IF FREQ. 59.5/1.5MC. (CAN BE CONVERTED TO 1215MC. QST FEB. '61, SEPT. '60; 1296MC. QST JUNE '61).

WITH (30) TUBES 6/6J6, 1/6AS6, 1/3E29, 3/6AL5, 1/5Y3, 2/3B24, 3/6AL5, 2/12AU7, 7/6AK5, 1/2C42, 1/2C46, 1/1B40, 1/1N-43, 1/1N-25.

DIGIT COUNTERS ON TUNERS FOR TRANS-REC-LO FREQ. CONTROLS. VOLTAGE REQUIRE 24 AND 115 400/800 CYCLE. SIZE 13x13x10; WT: 45 LBS.

PRICES: USED \$18.95

APX-6 R.F. HEAD A-403 P/O RF-29 WITH COUNTERS AND ANTENNA INPUT. USES TUBES 2C42, 2C46 & 1B40 8x8x3; WT: 6 LB. LESS TUBES \$4.95

R-425B/ARW-59 RECEIVER

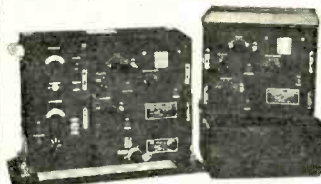
USED IN PILOT LESS AIR CRAFT IN THE 406 - 420 MC. F.M. BAND, 15 CHANNELS WITH A RESULANT AUDIO TONE OUTPUT IN THE FREQ. RANGE OF 7.5 TO 22.17 K.C. SENSITIVITY 5 MICRovolts WITH TUBES 8/5840, 5/5702, 6/5718, 2/5647, 1/5639 ALSO 2 CRYSTALS, 24 VDC BLDWER AND DYN. 24 VDC 2.3 A. OUTPUT 128 V. 205 MA. SIZE: 9x8x6; WT: 10 LBS. USED \$14.95



BC-1100 TRANSMITTER; 1.5 TO 10 MHZ, CRYSTAL CONTROL OR MO. ON ANY 4 PRESELECTED CHANNELS BY LOCAL OR REMOTE DIALING OR ON/OFF OPERATION 75 WATT C.W. 50 WATT PHONE. POWER REQ. 115/230 VOLT 50/60 CYCLE. WITH TUBES 2/6L6, 3/807, 1/VR-150, 1/5Z3 & 2/RK-60. MANUAL ONLY \$ 5.00 SIZE: 40x18x30; WT: SHPG. 411 LBS. NEW \$75.00

RM-40 REMOTE CONTROL & AMPLIFIER FOR ABOVE TRANSMITTER, HAS PULSE DIAL CIRCUITS THAT CAN BE USED TO OPERATE TRANS. OVER TELEPHONE LINE; OR WIRE, MIC. AND PHONE AMP. AND LINE LEVEL METER. POWER REQ. 115/230 V. 50/60 CYC. WITH TUBES 2/6J5 & 1/80.

SIZE: 10x14x13; WT: 50 LBS. NEW \$35.00 CARBON MICROPHONE \$7.95 MANUAL \$5.00



RC-223 TRANSMITTER, 25 WATT 2000 TO 5000 KHZ WITH THREE PLUG-IN TUNING UNITS. CRYSTAL CONTROL AND VARIABLE OSCILLATOR. FOUR PRESELECTED CHANNELS USING

FT-171 CRYSTAL HOLDERS. WITH TUBES 801 OSCILLATOR, 301 POWER AMP, 2/46 MODULATORS, 46 AUDIO AMP. 0-3 RF AMP AND 0-300 VDC METERS. VOLTAGE REQUIRED 12 OR 24 VDC AND 500 VDC @ 150-200 MA. SIZE: 18x13x7 WT: 100 LBS. PRICE: W/TUBES, THREE TUNING UNITS, AND CASES FOR TWO TUNING UNITS, NEW \$19.95



RT-380/AR RECEIVER-TRANSMITTER 2 TO 18.5 MC C.W. PHONE, 100 WATT TRANS. AM CRYSTAL CONTROL ON 10 PRESELECTED FREQ. RECEIVER 50 MW MIN. INTO 600 OHM LOAD. WITH TUBES 1/813, 2/811, 1/1625, 1/6AG7, 1/6V6, 1/12BE6, 2/12AU7, 2/12AL5, 2/28Z7 & 4/6BA6. POWER REQUIRED 400 VDC @ 750 MA. 750 VDC @ 350 MA. AND 27 VDC FOR RELAY AC FOR FILAMENTS. (SAME VOLTAGES AS ART-13) (SIMILAR TO COLLINS 1884) SIZE: 15x7x2; WT: 70 LBS. LESS CRYSTALS PRICE: USED LESS DYNAMOTOR \$49.50



R-666/ARN-32 RECEIVER 75 MC CRYSTAL CONTROLLED FIXED FREQUENCY, USED TO ACTUATE RELAY THAT IN TURN CAN BE USED TO PERFORM A SPECIFIC FUNCTION FROM A REMOTE POINT BY RADIO, ALSO HAS AUDIO OUTPUT. COMES WITH TUBES 4/5908, 4/5907 AND 1/5903. POWER REQ. 27.5 VDC .6 A. SIZE: 2x5x8; WT: 2 LBS. PRICE: USED \$9.95



BC-1333 MARKER BEACON RECEIVER 75 MHZ, USED IN AIRCRAFT FOR RECEIVING SIGNAL FROM AIRPORT. SIGNAL RECEIVED ENERGIZES RELAY WHICH IN TURN OPERATES INSTRUMENT PANEL LIGHT. CAN BE USED TO ACTUATE ELECTRICALLY OPERATED THINGS FROM A REMOTE POINT. VOLTAGE REQ. 24 VDC. WITH TUBES 1/12SN7, 1/6SH7, 1/6SL7. SIZE: 3x5x5; WT: 3 LBS. PRICE: USED \$4.95

R-196C/ARW-26Y REMOTE CONTROL RECEIVER, MAY BE TUNED TO ANY FREQUENCY BETWEEN 60 AND 74 MHZ. APPEARS FREQ. CAN BE CHANGED SO THAT THE UNIT MAY BE ADAPTED FOR REMOTE RADIO SIGNAL ACTUATION AS POSSIBLY GARAGE DOOR OPENER, SECURITY SYSTEM ACTUATOR, ETC. ACCEPTS A SIGNAL MODULATED AT 300, 650, 955, 1390 AND 3000 HZ. AUDIO TONE OPERATES A SEPARATE RELAY FOR EACH FREQUENCY. THE 955 HZ RELAY ACTIVATED WHEN THE OTHER RELAYS ARE NOT. THE UNIT PERFORMS MOST EFFECTIVELY FROM VISUAL DIRECTION. RECEIVER CONTAINS AN RF AMP, DETECTOR STAGE AND FIVE AUDIO FILTERS. WITH SIX 12AU7 TUBES. 7x8x5; WT: 8 LBS. UNUSED \$9.95



CASES & CABINETS

TA-228/TCC-7 TRANSIT CASE; ALUMINUM WITH HASP FASTENERS AND RETRACTABLE HANDLES. INTERIOR SIZE: 10x18x15. WT: 18 LBS. PRICE: \$10.00



CY-853/PRC-6 CASE; PADDING AND SPACES FOR 42 CRYSTALS 5x5x5/16. SNAP LATCH. CASE SIZE: 6x6x11; WT: 2 LBS. UNUSED, \$3.00



S-1347 CASE FOR SPARE PARTS. STEEL CONSTRUCTION. INTERIOR PARTITION: 5x2x2; OVERALL: 6x8x2; 4 LBS. \$1.50

CY-1456/USM-25 ACCESSORY CASE; GREAT FOR CORDS, PROBES, ETC. LID POCKET FOR HANDBOOK OR MANUAL. ALUMINUM WITH HANDLE. OVERALL SIZE: 15x10x3; WT: 6 LBS. \$5.00

FGC-29 CABINET WITH REAR DOOR AND 115 V. 60 HZ BLOWER. SQUARE CORNERS SO THEY CAN BE GANGED. 22x17x24; 200 LBS. USED, \$40.00

CY-1693 CABINET WITH 3-PLUG AC OUTLET. STEEL, REMOVABLE REAR PANEL. RACK SIZE: 14x19x14, OVERALL: 16x22x14; 50 LBS. UNUSED, \$25.00



ALUMINUM CASE WITH ROUNDED CORNERS; STURDY, COMPACT SINGLE COMPARTMENT CONSTRUCTION. HASP-TYPE FASTENERS. INTERIOR 9x10x5; WT: 6 LBS. #CV-425 \$5.00

MANY OTHER SIZES OF CASES BOXES CABINETS IN STOCK TELL US YOUR NEEDS

CARRIAGE CASE FOR TS-147 TEST SET; MADE OF ALUMINUM, INSIDE MEASUREMENTS, OVERALL 17x11x11, LOWER PORTION 7 1/2 DEEP, REMOVABLE HINGED COVER, HASP FASTENERS. WT: 15 LBS. USED \$5

TS-10C HEAVY ALUMINUM CASE, HINGED COVER, HASP & HANDLE. SIZE 10x15x6 1/2 10x15x6 1/2 LX6 1/2, WT: 15 LBS. \$10.00

RATIONS BOX NO 4 FOR 2 MEN, 1 DAY RIVETED CANVAS STRAP, HANDLE AND SERVES AS HINGE WITH BUCKLE. 8x5x4 1/2; 5 LB. \$2.00

COUNTER DIAL 10 TO 1 RATIO 0-100/0-99 SPIN KNOB, 3/8" SHAFT. SIZE: 6x3x2; 3 LBS. LOCKING DEV. RCA/NAEC #210 USED \$8.95

VARIABLE INDUCTOR 2 TO 26 MHZ, 14 TURNS 1/2 IN. SILVER PLATES TUBING, 5 1/2" COIL TAPPED @ TURNS 2, 3, 4, 7, 9, 11, SILVER PLATED RIBBON COND. ARE VAR. THRU. THE COIL, 1/4x4 1/2" SHAFT. SIZE: 13x7x7; 10 LBS. 5950-092-1126 \$25.00

ROTARY INDUCTANCE TUNER COIL 2.5 TO 20 MC. 29 TURNS WIRE NO 14, COIL FORM 2-3/16x4-3/8 APPROX. 19 MU-HY, 100 WATTS, 1/2" SHAFT WITH COUPLING. SIZE: 3x4x7; WT: 4 LBS. RUSSO #2407-1C PRICE: RE-MOVED F/EQUIP. \$9.95

ROTARY INDUCTOR, 32.7 U-HENRY, 43 TURNS. 1 1/2" DIA. x 2 1/2" LONG COIL. OVERALL LENGTH 2 1/2x2 1/2x7. REMOVED FROM TCS TRANSMITTER SO SHOULD BE GOOD UP TO 100 WATTS. WT: 2 LB TCS-L108-LD LESS DIAL USED \$8.95

VARIABLE CAPACITOR TO MATCH ABOVE ROTARY COIL; 425 MMFD., 3 1/2x1 1/2x1 1/2 WITH SHAFT. TCS-C116 REMOVED FROM TCS \$2.95

ROTARY INDUCTOR COIL FROM COMMAND TYPE TRANSMITTER, COMPLETE UNIT LESS TUBES, CRYSTAL WITH DIAL, CAPACITORS, 2 VARIABLES ETC. SHPG. WT: 10 LBS BC-457-458 OR EQUIVALENT. USED \$4.95

SILICON DIODES



SILICON DIODES; MOUNTED ON HEAT SINKS WITH MOUNTINGS. REMOVED FROM EQUIPMENT AND GUARANTEED TO BE OPERABLE. BEK-6 WITH 2/1N3212, 2/1N321-2R, MTG SIZE 4x3. \$2.50
 2C8R W/4/1N3208, 4/1N3208R, 2/TIERED MTG 4x4x2.5 \$2.75
 3C12R W/4/1N3208, 4/1N3208R, 2/1N3209, 2/1N3209R, 3-TIERED MTG 4x4x4.25 \$2.50
 ICIT 2N1557, 90 WATT, 40 V 15 AMP ON 3x4.5" HIGH COOLING HEAT SINK \$1.50
 BAJ6 4/1N3212, ON 4.5x6x7/8 HEAT SINK \$3.00
 BAJ8 2/1N3212, 2/2N686, 2/2.50 PRV 4.5x6x1. \$3.50
 D190 4/1N3208, 1/1N3208R, 1/3209, 1/1N3212, PLUS 10/RES, 4/CAP, 2/POT \$3

TCS VARIABLE CAPACITOR, 2 SEC. 10-360 MMF, ONE SEC. 10-360 MMF, 3 BAND CALIBRATED DIAL 4" 1.5 TO 12 MHZ
 SIZE: 7x3x3; WT: 10 LBS. #881 \$3.95 USED

VARIABLE CAPACITOR, 12 TO 160 MMF, 2500 V., HAMMARLUND, 3x1x1x1, 1/2" SHAFT. #5910-669-4056 \$2.95

VARIABLE CAPACITOR FROM TCS TRANSMITTERS, 425 MMFD, 3x1x1x1 WITH SHAFT. TCS-C116, REM. F/TCS \$2.95

VARIABLE AIR CAPACITOR 2.8 TO 8.5 MMF 5 PLATES P/O BC-640 TRANS. #A105262 3D9002VE8 \$.79

FREQ. METER TUNING CAPACITOR, LESS DIAL 11.5-160 MMF. PART OF BC-221/LM SERIES 3x3x5; 3 LBS. \$6.00

PRE-SELECTOR UNIT ASSEMBLY PART OF R-19/508 RECEIVER 118-148MC CONSISTS OF 1ST & 2ND R.F. AMP. R.F. OSC. & MIXER STAGES, FOR USE WITH 3/9003 & 1/9002 TUBES. (LESS TUBES) SIZE: 4x3x3; 3 LBS. N \$7.95

VARIABLE CAPACITOR, 25 TO 250 MMF, 1000 VOLTS. 1/2" DIA. x 1 1/2" SHAFT; OVERALL 3x1x2. GOLD PLATED PLATES; REM- BC-778 USED \$2.95

VARIABLE CAPACITOR, FIVE GANG, 22 TO 415 MMF EACH SECTION, 500 V. WITH GEAR HEAD. SIZE: 8x4x2.5 WT. 3 LBS. REM-ARN-6 PRICE: USED \$3.95

VARIABLE CAPACITOR 100 MMF 34 PLATES, SCREW DRIVER SHAFT 2 1/2" INCL SHAFT X 1 x 1 1/2. #4460VC-100 59¢

CAPACITOR VARIABLE AIR 5.5 TO 100 MMF 0.015 AIR GAP SCRD ADJ SHAFT. SIZE 2" INCL SHAFT X 1 1/2" U/W BC-312/342 HAMMARLUND APC-100 27 PLT. 30291 59¢

MINIATURE VARIABLE CAPACITOR 2-30 MMF 500 V. 14 PLATES SIZE 3/16x1/2" SHAFT 3/16x3/8" SINGLE HOLE MTG. OVER ALL SIZE LESS SHAFT 1x5/8x2; #NAEC-4571 \$1.50

READ-OUT ASSEMBLY MOUNTED ON STRIP TO A TWO CONTACT WITH WAFER SW RESISTORS FOR 115 VOLT 60 CYCLE USE. STRIP SIZE 1x7, SWITCH SIZE 2 1/2" DIA. WT: 6 OZ. #LANS SW-249 RE-MOVED FROM EQUIP. \$1.50 EA. 4 FOR \$5.

ART-13 VARIABLE CAPACITOR 50-200 MMF. 7000 VOLT .17 INCH AIR GAP WITH AUTOTUNE GEAR ASSY. #C-125 USED SIZE: 5x5x12 7 LBS. \$9.95

PRE-SELECTOR UNIT ASST PART OF R-48 REC. 230-250 MHZ. CONSISTS OF R.F. MIXER & OSCIL. USING 6AG5-2 EA. 9002-1 EA. TUBES (LESS TUBES.) FOR USE WITH 30 MC I.F. SIZE: 6x5x4; 5 LBS. USED \$8

COMMAND RECEIVER VARIABLE CAPACITOR 3 GANG WITH TRIMMERS AND GEARS #4601 147 MMF 3-6 MC \$2.50 #6558 62 MMF 6-9 MC \$2.50 SIZE: 4x3x3; WT: 2 LBS.

PA TUNING CAPACITOR FOR COMMAND TRANSMITTER W/ GEAR TRAIN & DOUBLE END SHAFT. 4x2x3 WT: 1 LB. # C-65/7321 STK. # 2C6397A/C8 NEW \$1.95

VARIABLE CAPACITORS 100 WATT SIZE: 4x2x3 SHAFT 3/8x1/4 WT: 2 LBS. 31 PLATES 1/8 SPA MMF P-7761569-P4 23 TO 111 " M-7463006-1 22 TO 118 " PRICE: EACH \$1.95 T-7660443-P7 15 TO 81 MMF 7 PLATES, 1/8 SPACING, SIZE 3x2x2, SHAFT 1x2; 8OZ. \$1.00

CAPACITOR ASSEMBLY; C11A 6.5-140 MMF (VAR. AIR) SCREW DRIVER ADJ. MOUNTED ON BRACKET WITH CERAMIC TRIMMER 3-13 MMF. #C358 SCREW DR. AD WT: 8OZ. #PC80128C \$1.50

VARIABLE CAPACITOR, 3.5 TO 50 MMF, 0.015" AIR GAP. 1 1/2" (INCL. SHAFT) 1x1x1 REMOVED FROM RC-659, 3D9050V-30 59¢

VARIABLE CAPACITOR, 563 MMF. WITH FOUR POSITION SELECTOR SWITCHING FRONT MOUNTING PLATE 4" SQUARE. SIZE: 2x3x3 #76348 PRICE: UNUSED \$2.95

TU-53 OSCILLATOR PLUG-IN .55V. FCR BC-610 TRANSMITTER FREQ. RANGE 8-12 MHZ. CONTAINS VAR. CAPACITORS WITH SHAFTS 140 MMFD, 190 MMFD. 2/CERAMIC CAP. 1/MICA CAP. 4/R.F. COILS, 2/RES. 1/OPDT SW. 1/DIAL, 2/KNOBS, CRYSTAL SOCKET, AND OTHER PARTS. SIZE: 2x8x4 1/2; 4 LBS. \$3.95

AUDIO OSCILLATOR BASIC ASSEMBLY; CONTAINS 24 12 MMFD CERAMIC TRIMMERS, 21 TEMP COMP. CAPACITORS & RESISTORS. WHEN USED WITH 2/6SJ7 TUBES & ASSOCIATED PARTS IT WILL PRODUCE A FREQ OF 425-2295 HZ IN 12 STEPS OF 170 HZ EA. # Div. REC-26 SIZE: 5x5x4 1/2; 5 LBS. \$4.95

VARIABLE CAPACITOR 13.5-325 MMFD, 500V DC, 43 BRAS PLATES .0245 AIR GAP. WITH 3 3/8" VERNIER DIAL CLEAR PLASTIC WITH MOUNTING W/LIGHT. SIZE: MTG. 5x4x2 1/2; WT: 2 LBS. 3D93251.1 P/O BC-1148 PRICE: \$3.95

VARIABLE CAPACITOR, THREE SECTION, 85-365 MMF EACH SECTION. 500 V. 2x2x3 1/2" SHAFT. #3D9365 \$2.95

BC-624 RECEIVER R.F. TUNER ASSY 100 - 156 MHZ A.M. W/VARIABLE CAP. COILS, TUBE SOCKETS, OSC. SEC. P/O SCR-522 5x5x5; WT: 7 LBS 22K1150 Used \$3.95/N \$5.95 NEW \$5.95/\$3.95

VARIABLE CAPACITORS 100 WATT SIZE: 4x2x3 SHAFT 3/8x1/4 WT: 2 LBS. 31 PLATES 1/8 SPA MMF

MALLOY SPIRAL INDUCTOR FOUR GANG TUNER .04 TO .70 UHY (APPROX.) PER SECTION. 19 TO 75 MHZ RANGE WHEN PLACED IN PARALLEL TO 100 MMF. PROVIDES ACCURATE, NOISE-FREE OPERATION AND ELIMINATES USE OF SWITCHING COILS, BAND SWITCHES, ETC. SIZE: 6x2x2 SHAFT: 1x2 1/2 #HT-254-0 \$9.95

R.F. OSCILLATOR ASSEMBLY P/O R/T-39 APG-5 RADAR SET, 2500 TO 2600 MHZ. REQUIRE 2C40 & 2C43 & 1B27 TUBES. HAS SPECIAL COAX. FEED LINES FOR UG TYPE CONNECTORS. SILVER PLATED ASSY. WITHOUT TUBES OR TUBE CAPS. #2C2783 SIZE: 9x4x4 WT: 5 LBS. \$1.95

WAVEGUIDE COUPLER ASSY-DUAL DIRECTIONAL. FLANGE SIZE 1-7/8x1-7/8 WAVEGUIDE 1/2x1-1/8, DUAL GUIDES 9 1/2" LONG WITH PRESSURIZING ASSY. 5LB. IBM #1280-779-5806 \$1.95

PRESSURE TRANSDUCER TYPE M-1 TOSS BOMB COMPUTER ELECTRIC TYPE DUAL DIAPH. HIGH LOW CONN. PITOT & STATIC LINES. SIZE 6x3x4; WT: 3 LBS. STK#1280-568-6013 \$3.95

MAGNETIC FOCUSING YOKE WITH 2 MAG NETS MOUNTED IN RING, RING SIZE 2-1/8" DIA. 5/8" W. 1" HOLE MAGNETS 5/8"x9/16 WT: 7 OZ. # MAGNET CIR-7 PRICE: 35¢ 3 FOR \$1.00

RF OSCILLATOR TUBE ASSEMBLY PART OF SG-76 PULSE GENERATOR 2650-2950 MC USES 2C40 TUBE 2C40 NOT INCLUDED

3" DIAL FOR VARIABLE TUNING, RF OUTPUT TAKE UG-88 COAX. CONNECTORS RADIATION MODEL 104/UPM-19 SIZE: 10" LG X 4" DIA. LG. END WT: 4 LBS. LESS 2C40 \$3.95

FREQUENCY READING CAVITY ASSEMBLY PART OF SG-76 PULSE GENERATOR AND USED WITH THE RF OSCILLATOR TO DETERMINE THE FREQ. MORE ACCURATELY AS INDICATED ON THE METER. FREQ. 2650 TO 2950, 3" VERNIER DIAL, TAKES UG-88 COAX RADIATION MODEL #103/UPM-19 SIZE: 4x3 1/2; 1 1/2 LB. \$2.50

THERMISTOR BEAD ASSEMBLY USED FOR MEASURING AVERAGE RF POWER PART OF SG-76, THERMISTORS D168 391 & 168392, COAX. CONN. REQ. UG-21. RADIATION MODEL #120/UPM19; SIZE: 6x2x2x1 WT: 6 OZ. \$1.95

VIDEO OUTPUT AND PULSE DETECTOR ASSEMBLY WITH 1N-21B DIODE TAKES UG-88 COAX. CONN. RECTORS. RADIATION MODEL #106/UPM-19 SIZE: 3x4x2 1/2; 4 OZ. \$1.50

THREE GANG INDUCTOR, 0.04 TO .07 U-HY/SECTION. 60 TO 75 MHZ PARALLEL WITH 100 UHF. 5x2x2, SHAFT 1/2x1/2 DIA. #B-10-177 \$8.95

LC-902 ANTENNA INPUT TANK FOR TN-2A/APR-1 TUNING UNIT, FREQ. 76 TO 300 MHZ. WITH VARIABLE CAPACITOR, COIL, AND 955 TUBE SOCKET. SIZE: 4x3x3 WT: 4 LBS. UNUSED \$9.95

LC-702 ANTENNA MIXER TANK FOR TN-3A/APR-1 TUNING UNIT FREQ. 300 TO 1000 MHZ. WITH VARIABLE CAPACITOR AND COIL SIZE: 2x3x3 WT: 3 LBS. PRICE: UNUSED \$6.95

LC-701 OSCILLATOR TANK FOR TN-3A. WITH VARIABLE CAPACITOR AND COIL. SIZE: 4x4x4 WT: 4 LBS. UNUSED \$8.95

ATTENUATOR 50 OHMS 10.6DB STODDART #90520-11, TAKES UG-21 TYPE CONN. EACH END. LENGTH 3". \$1.95 ADAPTER UG-188/U (WHICH IS A UG-21 TYPE PLUG) TO A STANDARD UG-88 CONN. CABLE 3" LONG. CN-210/U \$1.25

AUDIO OSCILLATOR NETWORKS FOR USE WITH 12AU7 TUBE. Z1 73.2 CPS 25 183.0 CPS 23 91.5 " 26 244.0 " 23 122. " 27 410.0 " 24 144.5 " EACH CAN SIZE 1-5/8x1-3/8x3 1/2; WT: 2 OZ. RADIATION UPM-Z (THEN NO.) PRICE: EACH \$1 ALL 7 \$5.00

SANDY'S TRANSISTOR SPECIAL 4 1/2"x9" CIRCUIT BOARDS WITH TRANSISTORS, DIODES, SEMI-CONDUCTORS, CONDENSORS, RESISTORS, ETC. WITH 60 TRANSISTORS \$3.00 125 FOR \$5; 300 FOR \$10.00

TRAVELING WAVE TUBE

THE TRAVELING WAVE TUBES LISTED BELOW ARE USED COMPLETE, NOT CHECKED, NOT GUARANTEED. (EXPERIMENTER'S ITEM)

ZM-3480 VARIAN TWT WITH DC-DC INVERTER POWER SUPPLY OPERATES FROM 115 V. 48-420 HZ. HAS POWERFUL DISC MAGNETS THAT CAN BE DISMANTLED. SIZE: 13x3; 12 LBS. \$10.00

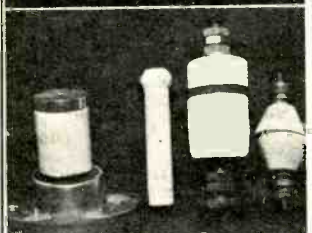
WJ-295 WATKINS JOHNSON TWT LOW NOISE AMPLIFIER 2.0-4.0 GHZ WITH INVERTER DC-DC P.S. FOR USE ON 115 V. 48-420 HZ OUTPUT 600 VDC; 150 VDC, -100 VDC & -30 VDC. HEAVY DISC MAGNETS. 10x3; 7 LBS. \$10.00

TWT'S LISTED BELOW DO NOT HAVE ANY POWER SUPPLIES OR MAGNETS. NO ADDITIONAL DATA. SPERRY STC-279 12x1 1/2 \$5 MICROWAVE M5217 13x1 \$5 HUGHES 333H 9 x3 \$5 RUGGINS M5057A 17x1.5 \$5 RAYTHEON CK899A 8x2.5 \$5 MICROWAVE 10300 15x1 \$5 RCA PS296001/4033 \$5 ALL ABOVE TWT APPROX. 5 LBS.

BC-624/522 RECEIVER, 3 GANG 6-36 MMF EACH SECTION WITH SLUG TUNED TRIM. SHAFT 5/16 STK#3D9036V SIZE: 4x2x3 1/2; 1 LB. \$1.50 351-1013 3.5 TO 27 MMF, 13 PLATE SIZE: 1-5/8x1x1-5/16, SHAFT 1x3/16. \$1.75

LESS CONTACTS

INSULATORS



STAND-OFF, CROWS FOOT, 7" Hx1 1/2" D. CAST BASE, 2 1/2" CTRS. TOP CAST W/3/16"-20 SCREW #5970-405-8992 \$4.00
SIMILAR, ABOVE 3" 3.00
" 10" 7.00

SPREADER INSULATOR, 4" LONG X 3/4" DIA. 2 1/2" BETWEEN HOLE CENTERS. #IN-1020 25¢ EACH

STK.#INS.1014: FEED-THRU 4" LONG 3/4" HOLE, 7/8" DIA. WITH NECK. PRICE: 25¢

CONE 1" BASE 1-1/8" H. 3/4" IT 10-24 THREAD. #CSJ-61028 35¢ EA. 4 FOR \$1.05

STK.#INS.#1015: FEED-THRU BRASS BOLT 6 1/2" LONG X 1/2" W/NUTS, SPLIT INSULATOR FOR 3/4" THICK MOUNTING WITH CORK WASHERS, OVERALL LGTH 3 1/2" X 2, WT: 2LB. \$2.50

STK.#3G584 IN-84 FEED-THRU CONICAL SHAPE, 5" LG. O/A; 2 CONICAL SHAPED 1-1/8 LG. X 1 1/2 DIA. AT BOTTOM, 1" AT TOP, 1/4" DIA. ROD WITH 1/4 20 THREAD WITH NUTS/WASHERS 1 LB. 25¢ EA. 5 FOR \$1.00

TRANSMITTING LEAD-IN INSULATOR, THREADED ROD W/CONE INSULATORS 2X1 EACH. ADJUSTABLE BETWEEN CONES. 15" OVERALL. WT: 2 LBS. #4238 PRICE: \$1.00

3 DIGIT COUNTER, VEEDER MFG. 1/2" DIA. GEAR SHAFT; 3/4" DIA. EXTERIOR SHAFT CAN BE GROUND TO 1/2". OVER-UNDER MOUNTING. 2 1/2" X 1 1/2" X 3/4" BC-1323 COUNTER \$1.00

3G138-20.11 RIGGED CONICAL 2" BASE, 1/2" TOP, 1 1/2" LONG, PUSH SPRING TYPE BINDING POST ON TOP, WHICH CAN BE REMOVED AND BOLT INSERTED. 1/2 LB. 35¢ 3 FOR \$1.00

STRAIN, 1 1/2" X 1 7/8" HOLE EA. END FLAT SIDE, 5/8" CTRS. #3GK1250.42 \$3.00
SAME RD. 1 1/2" X 1 7/8", GR/CT \$3.50

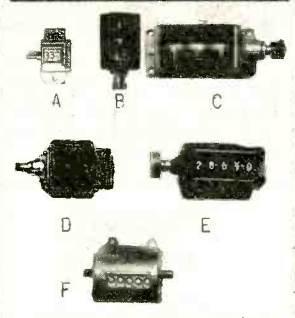
STK.#CBJ61023 ENTERING INSULATOR, CERAMIC 2 1/2" X 2, CADMIUM PLATED MOUNTING RING 3 1/2" WITH 6 MOUNTING HOLES, GASKET, 4" 1/4-20 THREAD BRASS BOLT WITH NUTS. 1/2 LB 39¢ EACH 3 FOR \$1.00

ART-13 TRANSMITTER ANTENNA INSULATOR PANEL; WITH 3 1/2" X 4 OBLONG INSULATOR WITH TWO SPRING-TYPE BINDING POSTS. ALSO A 2 1/2" X 1 AND A 2 1/2" X 2 CONICAL INSULATORS WITH PUSH-TYPE BINDING POSTS. WT: 1 LB. COMPLETE ASSY. USED \$1.00

VACUUM CAPACITOR 3 MMFD 15 KVDC ±10%; WITH CONNECTORS. SIZE: 5/8" X 4", 8 OZ. JENNINGS TYPE Y-3 \$1.50

3G1830-67076 ENTERING INSULATOR, BOWL 4-3/8" HIGH, 6-15/16 AT BASE, 1 1/2" ROD 3/8 BRASS WITH NUTS, MOUNTING RING 3 SEC. 8-3/4" DIA. W/6- HALF INCH NUTS & BOLTS 2 1/2" LG., BELL CAP 6" DIA. 10 LBS. \$5 EA. 3 FOR \$12.00

COUNTERS



A. 3 DIGIT COUNTER. 1/8" SHAFT. EACH NUMERAL 1/8 IN. SIZE: 1 1/2" X 1 1/2". STK#CBSH334 \$.75

B. 3 DIGIT COUNTER. FOR VERTICAL MOUNTING. 3/8 IN. GEAR ON SHAFT. EACH NUMERAL 1/8". 1 1/2" X 1 1/2" X 1-1/8 STK#CBSH173 \$.79

C. 3 DIGIT COUNTER WITH BEVELED GEAR 2 1/2" X 1 1/2" X 1 1/2". NUMERALS 1 1/2" X 1 IN. STK#CBSH177 \$1.00

D. 3 DIGIT COUNTER W/DIGITS 10THS, ONES, TENS. 100 TMS DIGIT REMAINS 0. 1/8 IN. NUMERALS. 2 1/2" X 1 1/2" STK#CBSH9030 \$.75

G. THREE DIGIT COUNTER WITH BEVEL GEAR OPEN FRAME BACK, LEFT DRIVE. SIZE 1 1/2" X 3/4" X 3/4, MTG. MASK 1 1/2" X 1. STK#G32163 \$.50

F. 5 DIGIT COUNTER W/3/16 IN SHAFT EXTENDING 3/4" AT EACH END. 99999-0 DESCENDING ONLY. 1/8" NUMERALS. 1 1/2" X 1 1/2" X 1 1/2" STK#CBSH00000 \$1.00

3 DIGIT COUNTER, VEEDER MFG. 1/2" DIA. GEAR SHAFT; 3/4" DIA. EXTERIOR SHAFT CAN BE GROUND TO 1/2". OVER-UNDER MOUNTING. 2 1/2" X 1 1/2" X 3/4" BC-1323 COUNTER \$1.00

TELEPHONE JACK STRIPS

#4C4426-14 TWENTY JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J-2. KEL #261 \$2.80

#4C4322-25 TEN JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J-2-1A. \$1.95

#4C4426.11 TWENTY JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J-2, NUMBERED 0-19 \$2.50

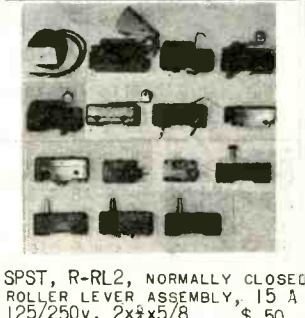
#4C4436.92-2 TWENTY JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J2, NUMBERED 20-39. KELLOG #369 \$2.50

#4C4692.2 TEN JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J2 WECO #92 TYPE139 \$1.95

THUMB-IT WHEEL WAFER SWITCHES NUMBERED 1 TO 10 CAN BE USED SINGLY OR IN BANKS. EACH SECTION SIZE 2 1/2" X 2 1/2", PRICE EACH SECT. 65¢ BANK OF FIVE AS ILLUSTRATED NOT AVAILABLE

#5930-539-6550

MICRO SWITCHES



SPST, R-RL2, NORMALLY CLOSED ROLLER LEVER ASSEMBLY, 15 A 125/250V. 2 1/2" X 5/8 \$.50

SPDT; 3Z-3R244T4; ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER; 2 1/2" X 1 1/2" .30

SPST; WHBT349A-1, NORMALLY OPEN. LEVER PLUNGER. 2" X 1" X 5/8". .30

SPDT; BZ-2R; ONE SIDE NORMALLY, OTHER CLOSED; PUSH PLUNGER ASSY. W/MOUNT. 2 1/2" X 1 1/2" .50

HR07-1P SPST NORMALLY OPEN, 115 V 10 A. 3/8" PLUNGER. \$.75

DPDT; MS25008, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. EXTENDED BUTTON PLUNGER. 2 1/2" X 2" X 1" \$1.50

DXGB-5 SP NORMALLY OPEN, 125/250V IN HEAVY FRAME. 3/8" PLUNGER. 2 1/2" X 2 1/2" X 1/2" \$1.00

SPDT; WHBT349B-1; ONE SIDE NORM. OPEN, OTHER CLOSED. LEVER PLUNGER 2 1/2" X 1 1/2" .30

SPST; MU SWITCH TYPE D; SPLIT DIE CAST ENCLOSURE W/3/8" TAP CONDUIT HUB; 17/8.5A 125/250V. PUSH PLUNGER; 2 1/2" X 2 1/2" .75

WZ2RW80-05 SP NOMALLY CLOSED 3" LEVER. 2 1/2" X 3/4 SW. 60¢

SPST; 2MC3-1A, NORMALLY CLOSED. PIN PLUNGER. 1 5/8" X 1 1/2" X 1 1/2". .45

SPST; SW-186, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2" X 1 1/2" X 5/8". .25

SPST; G-RS, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2" X 1 1/2" X 5/8". .40

SPST; M07-102T, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2" X 1 1/2" X 5/8". .40

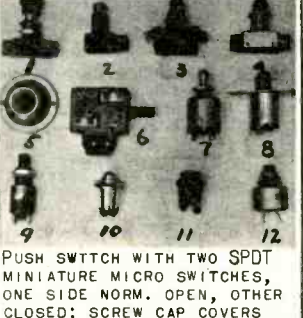
SPST; WZ-RS9, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2" X 1 1/2" X 5/8". .40

SW-118 SWITCH ASSY SPST, ONE SIDE HOLDING ON; OTHER SIDE MOMENTARY ON CENTER OFF. SWITCH SIZE: 1 1/2" X 1, CASE SIZE: 2 1/2" X 1 \$.35 EA 3/\$1.00

THUMB-IT WHEEL WAFER SWITCHES NUMBERED 1 TO 10 CAN BE USED SINGLY OR IN BANKS. EACH SECTION SIZE 2 1/2" X 2 1/2", PRICE EACH SECT. 65¢ BANK OF FIVE AS ILLUSTRATED NOT AVAILABLE

#5930-539-6550

PUSH SWITCHES



PUSH SWITCH WITH TWO SPDT MINIATURE MICRO SWITCHES, ONE SIDE NORM. OPEN, OTHER CLOSED; SCREW CAP COVERS PUSH BUTTON. #2PB1 .75

SPST NORMALLY OPEN; 3A/250. PSW002 .35

DPST NORMALLY OPEN; 1A/250. PSW004 .35

SPST GOLD-FINISHED DOORBELL NORMALLY OPEN; 1 5/8" DIA. HARDWARE INCLUDED. PSW005 .35

JPST INTERLOCK, NORMALLY OPEN. (3Z9825/254) PSW006 .35

SPST PULL SWITCH, NORMALLY OPEN. PSW007 .35

SPST NORMALLY CLOSED; CASE-11 ING AS GROUND; 1/2" SCREWS REQUIRED FOR MOUNT. PSW008 .35

SPST, NORMALLY OPEN PSW010 .35

SPST, PUSH-LEVER SWITCH, 115 VAC 20 AMP; SILVER CONTACTS. P/O 1-199 #1-199-S67 .65

SPST, NORM. OPEN, FITS 5/8" HOLE. J-3-PB .39

DPDT PUSH-LEVER SWITCH. PSW013 .50

DPST PUSH-LEVER SWITCH. NORMALLY OPEN. PSW014 .50

DPST NORMALLY OPEN. PSW015 .50

FIVE-PUSH SWITCH 2PST NORM. GL. 1PST NORM. OP. 1PST. 5X2X1 #PSW5022 \$1.00

SIX-PUSH SWITCH; FIVE ARE SPST NORMALLY OPEN, THE OTHER DPST AND DPDT ON THE OPPOSITE SIDE. 4 1/2" X 2 1/2". PSW017 \$1.00

SPST PUSH-LEVER SWITCH. 3 5/8" X 1 1/2" X 1 1/2". PSW022 .35

SPST NORMALLY CLOSED MICROPHONE SWITCH. COVER AS GROUND, WITH MOUNT. PSW019 .75

SPST NORMALLY OPEN START-STOP DOUBLE SWITCH. #401. PSW020 \$1.00

DPST, MICRO SW. NORM. CLOSE PUSH PLUNGER W/SIDE MOUNT; 1 1/2" X 1 1/2" X 1 1/2" CR1070C103 .50

EIGHT PUSH SWITCHES DPST NORM. OPEN AUTO RELEASE. PUSH SW. RELEASES ALL SPST NO. CL. 5X2X1 1/2; #855-151 \$1

CHAFF DISPENSER CONTROL BOX AND 24 VDC 5 DIGIT DECLINING COUNTER 2 DIGITS AT A TIME ALSO 12 POSITION WAFER SWITCH. LESS DIAL LAMPS \$ TOGGLE SWITCH. 6X4X3; 2LBS. \$1.95

SWITCHES



AIRCRAFT TYPE SWITCH TWO HOLE MOUNTING FIG. #1

CIR	CON	RATING	NO	PR
SPST NEW	5/125	B-15		.65
ABOVE MOMENTARY N/C CLOSED				
SPDT REM	15/125	3022-7		.35
(ABOVE CENTER-OFF, MOM.)				
SPDT NEW	15/125	B-1B		.30
DPDT NEW	20/125	3023-10		.55
SPDT REM	5/125	B-7A		.55
(CENTER OFF, MOM ONE SIDE)				

TOGGLE SWITCHES

TOGGLE SWITCHES SINGLE HOLE MOUNTINGS: CONDITION NEW & "REM" REMOVED FROM EQUIPMENT, ALL GUARANTEED.

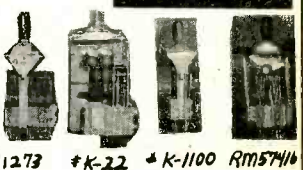
CIR	CON	RATING	NO	PR
SPST REM	8/125	881K2		.35
(ABOVE SWITCH MOMENTARY)				
SPST NEW	6/125	SW-105N		.30
SPDT REM	8/125	ST-130		.25
("ON" BOTH SIDES)				
DPST REM	3/125	7463954		.25
DPST REM	15/125	ST-50K		.40
DPDT REM	3/125	SW3125		.30
DPDT REM	5/125	ST-22R		.35
3PST NEW	15/125	SW3115		1.00
4PST REM	15/125	7661K5		1.00

BARKELEW DPDT SWITCH, PICTURED ABOVE, FAR RIGHT. 15 AMP 125 VOLTS AC. WITH FRONT MTG. SIZE: 5X6X1 1/2 WT: 1 LB. UNUSED \$1.50

DPDT AC LINE SWITCH WITH CENTER POSITION "OFF." CONTAINS ST-52-P TOGGLE SWITCH IN ALUMINUM CAST CASE. 15 AMP 125 VAC SIZE: 2 1/2" X 1 1/2" X 1 1/2" PRICE: UNUSED, \$1.00 EA.

HEAVY DUTY SPDT TOGGLE SWITCH, 80 AMP, 12 OR 24 VDC; CENTER "OFF." STUDS ARE 1/2" #20 THREAD. SIZE: 1 1/2" X 2-1/8" X 1 LB REMOVED FROM 1-199, #8783K3 Used \$2.95

LEVER SWITCHES



TELEPHONE TYPE LEVER SWITCH

6 MAKE ONE SIDE-CENTER "OFF" 6 MAKE OTHER SIDE; REMOVED. #HAC4803 \$.60

4 CIRCUIT EA. SIDE NORMALLY OPEN #3Z9818-9.1 50¢ EA. #HAC4803

1 SIDE 8 BREAK 8 MAKE 4 MAKE OTHER 1 BREAK #SW-BC1323 RE-MOVED 60¢

1 SIDE 2 MAKE OTHER SIDE 2 BREAK 2 MAKE SW-EE-2 35¢

TC#404 GE#P7763503-2 50¢ 1 SIDE DPDT NC & DPST NO.

PUSH-TO-TEST

PUSH-TO-TEST INDICATORS. DOUBLE LAMP HOLDERS WITH MINIATURE BAYONET BASE. 2 1/2" x 1 1/2" x 3/4". KORRY ST-260 SCREW TERMINALS OR TYPE 260 WITH SOLDER TERMINALS. AVAILABLE WITH THE FOLLOWING INSCRIPTIONS:
 POWER - AIR CONDITIONING-IGNITER - POWER SUPPLIES-ERECTOR - 100% LIQ OXY
 PRICE: \$2.00EA

PUSH-TO-TEST INDICATOR WITH MINIATURE BAYONET SINGLE LAMP HOLDER. 2 1/2" x 1 1/2" x 3/4". KORRY ST-136 SCREW TERMINALS OR TYPE 136 WITH SOLDER TERMINALS. AVAILABLE WITH THE FOLLOWING INSCRIPTIONS:

LOW - OVERLOAD - MALF. - POWER ON
 PRICE: \$1.25EA

PUSH-TO-TEST INDICATOR WITH MINIATURE SCREW BASE. RED 7/16" DIA. SMOOTH JEWEL. 0" TO 1/2" SURFACE CLEARANCE. REQUIRES 3/8" HOLE TO MOUNT. 1 5/8" LONG. USED.
 VM-500-2 \$.59EA

INDICATOR LITE ONLY KORRY #TYPE 103, 5/8 SINGLE HOLE MTG. PUSH-ON RED PLASTIC CAP-PLASTIC BODY.
 #6210-299-5167 75¢ EA.

PUSH-TO-TEST INDICATOR WITH MINIATURE BAYONET DOUBLE LAMP HOLDER. 2 5/8" x 1 1/16" x 5/8" WITHOUT LAMP COVER. COVERS NOT AVAILABLE. NEW. KORRY TYPE 261 WITH SOLDER TERMINALS

PRICE: \$1.00EA
 INDICATOR LIGHT WITH MINIATURE BAYONET DOUBLE LAMP HOLDER. 2 1/2" x 1 1/2" x 3/4". INSCRIBED WITH "CHECK FULL RPM" NEW. KORRY TYPE 204 SOLDER TERMINALS.
 PRICE: \$.75



BULLS EYE PILOT LIGHTS

DULL FINISHED BRASS, BAYONET BASE, AND 0" TO 1/2" SURFACE CLEARANCE. ALL USED. LESS BULBS. PRICE: \$.39EA

B. P1L001. 7/16" CLEAR JEWEL. SINGLE CONTACT MINIATURE BASE. 2-1/8" x 7/8"
 D. LH62RY2. 1/2" DIA. AMBER JEWEL. SINGLE CONTACT MINIATURE BASE. 2 1/2" x 1"

GRIMES INDICATOR LIGHT WITH ROUND LENS CAP; RED LENS, SUB-MIN. 28V. BULB INCLD. 7/16" THREADED BASE; SINGLE CONTACT. 1 1/2" x 1 1/2"
 6220-333-5827 \$.50



PILOT LIGHT JEWELS

RED, FACETED, 3/8" DIA. JEWEL. SCREWS INTO 11/16" DIA. HOLE OF DESIRED ASSEMBLY.
 TYPE 81 \$.15 EA.

SMOOTH RED JEWEL 1/2" IN DIAMETER. SCREWS INTO A 3/4" ASSEMBLY.
 SERIES F \$.15 EA

LARGE 5/8" FACETED AMBER JEWEL. SLIPS OVER BRACKET 7/8" IN DIAMETER. HAS ALSO MOUNTING HOLES FOR 3/32" SCREWS.
 2Z5368/1 \$.15 EA

3/8" DIA. WHITE SLIP-IN LAMP CAPS FOR SWITCHBOARDS. (NOT PICTURED) SLIPS INTO 3/8" HOLE.
 4C1971 \$.15 EA 100/\$10

SUB-MINIATURE PILOT ASSEMBLY. 5/16" AMBER FACETED JEWEL FIT INTO BRACKET WITH AN OPENING OF 5/16". REQUIRES DOUBLE TERMINAL PLUG-IN OR SOLDER-IN NEON LAMPS. 1" LONG AND 1" HIGH.
 P1L010 \$.15 EA 8/\$1.00



SUB-MINIATURE NEON PILOT LIGHT ASSEMBLY. FLUTED 5/16" DIA. CLEAR JEWEL. BASE IS FEMALE PART FOR A THREE PRONG PLUG WITH 1/16" DIA. HOLES IN ISOSCELES TRIANGLE PATTERN. MOUNTS IN 3/8" HOLE. 0" TO 3/8" SURFACE CLEARANCE. 1 3/8" LONG. INCLUDES BULB. USED. 110V.
 P1L007 \$.25 5/\$1.00

SINGLE TERMINAL AND CONTACT SUB-MINIATURE DIMMER PILOT LIGHT. MECHANICAL DIMMER VARIES SIZE TO COMPLETE DARKNESS. REQUIRES T-1 1/2 BULB. 5/16" DIA. SMOOTH RED JEWEL. MOUNTS IN 7/16" HOLE. 1 3/8" LONG. LESS BULB. NEW.
 6210-643-4087 \$.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. CLEAR STOVEPIPE, SMOOTH 5/8" DIA. JEWEL. MOUNTS IN 11/16" HOLE. SURFACE CLEARANCE IS 0" TO 3/8" 2 1/8" LONG. LESS BULB. USED.
 P1L008 \$.39

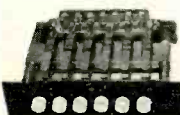
ALL PLASTIC PILOT LIGHT. SINGLE CONTACT, MINIATURE SCREW TYPE BASE. RED FLUTED, COVER-LIKE JEWEL 3/8" IN DIAMETER. NEEDS 3/4" HOLE. SURFACE CLEARANCE OF 0" TO 3/4". THERE IS NO ADJUSTING INSTALLATION DEPTH BY A NUT TWO 3/32" SCREWS ARE NEEDED TO ANCHOR LIGHT. 1 1/2" LONG. LESS BULB. USED.
 P1L009 \$.39



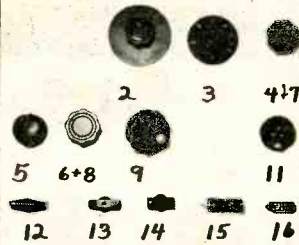
PILOT LIGHT WITH A SINGLE CONTACT, CANCELABRA SCREW BASE. LARGE 1" DIA. RED JEWEL FACETED ONLY AT THE EDGE. REQUIRES 1" HOLE AND HAS SURFACE CLEARANCE OF 0" TO 1/2". 2 3/8" LONG. LESS BULB. UNUSED.
 P1L002 \$.59

PILOT LIGHT WITH SINGLE CONTACT, CANCELABRA SCREW TYPE BASE. 1" DIA. RED-FACETED JEWEL. MOUNTS IN 1" HOLE WITH SURFACE CLEARANCE OF 0" TO 1/2". 2 1/2" LONG. LESS BULB. UNUSED.
 P1L003 \$.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. 3/8" DIA. SMOOTH. GREEN JEWEL. MOUNTS IN 5/8" HOLE WITH A SURFACE CLEARANCE OF 0" TO 1/2". 2 1/16" LONG. LESS BULB, UNUSED.
 P1L004 \$.49



PUSH BUTTON SELECTOR SWITCH, 6-BUTTON EACH NORMALLY CLOSED, MAKE ONE EACH SIDE. 5 1/2" x 1" FRONT MTG. PIECE. MOUNTS INTO 4" x 3" x 1/2" AREA. WITH TERMINAL BOARD. UNUSED \$3.98EA.



FLUTED KNOBS

2-3/8" FLUTED KNOB W/3" SKIRT, BRASS INSERT FOR 1/2" SHAFT GR#9682 \$1.00

2-3/8" FLUTED KNOB W/2-7/8 SEMI SKIRT, INSERT FOR 1/2" SHAFT. GR#9566 \$1.00

1 1/2" DIA. FLUTED KNOB WITH REMOVABLE 3" DIAL WITH MARKING 34L-0-34R. BRASS INSERT FOR 3/16 DIA. SHAFT. KNBNO02 \$.25

1" DIA. FLUTED KNOB WITH NON-LINEAR CALIBRATED DIAL. BRASS INSERT WITH 1/2" DIA. HOLE. KNB003 \$.25

1 1/2" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR 1/2" SHAFT. KNBNO04 EA \$.25, 5/\$1.00

1 1/2" DIA. FLUTED KNOB WITH SKIRT AND POINTER. BRASS INSERT FOR 1/2" SHAFT. KNBNO05 \$.25

1 1/2" FLUTED KNOB WITH BRASS INSERT FOR 1/2" SHAFT. KNBNO06 \$.25

1" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR 1/2" SHAFT. KNBNO07 \$.25

1" DIA. FLUTED KNOB WITH BRASS INSERT FOR 1/2" SHAFT. KNBNO08 \$.25

ALL THE ABOVE KNOBS ARE OF SET SCREW TYPE.

SPIN KNOBS

2" DIA. METAL FLUTED SPIN KNOB FOR 5/32" SHAFT. KNBNO09 \$.79

2 1/2" DIA. SPIN KNOB. METAL. TAKES 3/16" SHAFT. #8089 NEW \$2.00

METAL SPIN KNOB 1 5/8" DIA. TO BE ATTACHED TO ANOTHER KNOB OR DISK BY THREE SCREW. CONVERTS KNOB TO SPIN KNOB. KNBNO11 \$.20

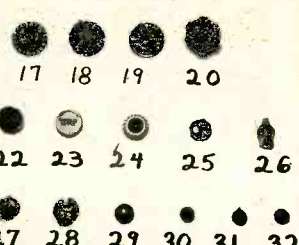
1 1/2" DIA. PLASTIC, FLUTED SPIN KNOB. TAKES 1/2" SHAFT. #0389 NEW \$1.25

1-1/8" DIA. PLASTIC FLUTED KNOB WITH LOCKING DEVICE. BRASS INSERT TAKES 5/16" SHAFT. #4692 NEW \$1.00

1-5/8" DIA. PLASTIC KNOB WITH 2 1/2" DIA. ALUMINUM SKIRT, CALIBRATED 10 TO 10. BRASS INSERT FOR 1/2" SHAFT. #9414 NEW \$1.50

1-1/8" DIA. FLUTED PLASTIC KNOB WITH 1 1/2" DIA. SKIRT. BRASS INSERT FOR 1/2" SHAFT. #9347 NEW \$.50

1" DIA. PLASTIC KNOB WITH 1 1/2" DIA. SKIRT. CALIBRATED ALPHABETICALLY A, B, ... Y, Z. SKIRT ALUMINUM. 1/2" HOLE. #5312 NEW \$.50



BAR TYPE KNOBS

BAR TYPE BAKELITE KNOB FOR 1/2" SHAFT. 1 1/2" x 1 1/2" x 5/8". SET SCREW TYPE. KNBNO12 \$.25

BAR TYPE BAKELITE KNOB FOR 1/2" SHAFT WHICH MUST BE TAPED FOR SET SCREW. 1 1/2" x 1 1/2" x 5/8". KNBNO13 \$.25

RECTANGULAR BAR TYPE BAKELITE KNOB 1 1/2" x 1 1/2" x 5/8" WITH BRASS INSERT FOR 1/2" SHAFT. SET SCREW TYPE. KNBNO14 \$.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR 1/2" SHAFT TAPED FOR SET SCREW. 2" x 1 1/2" x 1 1/2". KNBNO15 2/\$.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR 1/8" SHAFT TAPED FOR SET SCREW. 1 1/2" x 5/8" x 1 1/2". KNBNO16 \$.25

BAKELITE BAR TYPE KNOB 1" x 1 1/2" x 1 1/2" ON 1 1/2" REMOVABLE DIAL FOR 1/2" SHAFT. SET SCREW. KNBNO17 \$.25

1 1/2" DIA. METAL KNOB FOR 3/8" SHAFT WITH TWO SET SCREWS. FINGER GRIP KNOB FOR HEAVY SWITCHING APPLICATIONS. KNBNO18 2/\$.35

1 1/2" DIA. PLASTIC KNOB WITH BRASS INSERT. BAR TYPE FINGER GRIP FOR SWITCHING. USE WITH 1/2" SHAFT. KNBNO19 \$.25

1 1/2" BAKELITE KNOB FOR USE WITH 1/2" SHAFT. USED FOR APPLICATIONS WHERE EXTRA GRIP IS REQUIRED. 1 1/2" HIGH. KNBNO20 \$.25EA. 5/\$1.00

3/4" RIBBED KNOB 7/8" DEEP 1" SKIRT F/1/2" SHAFT DULL BLK. KNB7820 35¢

5/8" x 3/4" SAME AS ABOVE BRIGHT BLK. KNB1261 20¢

BAKELITE INSTRUMENT KNOB 1" DIA. 1" HIGH. BRASS INSERT FOR 1/2" SHAFT AND SET SCREW. KNBNO22 \$.25

1 1/2" KNOB MARKED "INCREASED OUTPUT". 1/2" THICK WITH SET SCREW. 1 1/2" HOLE. METAL. KNBNO23 \$.25

1 1/2" PUSH-ON KNOB FOR 1/2" SHAFT. MODIFICATION, BROWN KNBNO24 2/\$.25

BROWN BAKELITE 1" DIA. KNOB KNURLED SHAFT OF 1". 3/4" HIGH. KNBNO25 2/\$.25

BAKELITE POINTER KNOB WITH BRASS INSERT FOR 1/2" SHAFT. 1 1/2" x 1 1/2" x 1 1/2". KNBNO26 \$.25

FLUTED KNOB W/POINTER AND SKIRT FITS 1/2" SHAFT. 1 1/8" DIA. 1 1/2" THICK. KNBNO27 \$.25

1 1/2" DIA. KNOTCHED KNOB WITH BRASS INSERT FITS 1/2" SHAFT. SET SCREW TYPE. 1 1/2" HIGH. KNBNO28 3/\$.25

MINIATURE LAMP

STK#	TYPE	V.	A.	BASE	BULB	EA	PKG.	10
2Z5950	LM-50	2	.25	MIN SC.	G-6	.20		.75
2Z5950	511	2	.25	MIN SC.	G-6	.20		.75
6B521	LM-21	1	1.0	MED S6C	G-30	.50		4.00
6240-6594	LM-21	1	1.0	6W CAN SC.	#8	.20		1.50
6Z6806.6	TS87	6-8	15CP	CAN/BAY	S-8CL	.35		3.00
6Z6806.8	TS1129	6-8	21CP	CAN/BAY	S-8CL	.35		3.00
8870-775		150		CAN SC.	S6 CL	.20		1.00
2Z5954	LM-54	105-125		LEADS	T-2	.20		.75
6Z6812-5	LM-45	12-16	.6	CAN BAY	G-6	.20		.75
6240-7126		55	5W	MED SC.	S-14	.25		2.00
DE EVRY494	(RED)	125	25W	CAN SC.	T-6	.25		2.00
6Z6812-5	LM-44	12-16		DC BAY	G-6	.20		.75
PC90615C		12		MIN SC	G-3 1/2	.20		.75
6240-3394	3S6/5	115		DC BAY	T-4 1/2	.25		1.75
	502	5	.15	MIN SC.		.20		.75
6Z6812-6	STANDARD LAMP	12		VOLT FROSTED		.35		3.00
	PR-10	6						
	480	22	.55	MIN SC.	G-6	.30		2.00
2Z5882		18	.11	MIN SC.	T-3 1/2	.20		1.00
6Z6827	LM-30	27		CAN BAY	T-8	.20		1.00
	NE-2	1/17		AMP 2F SLIDE BASE		.10		.75
	4C5494-K1			K1 SLIDE BASE		.10		.75
GE# 5F001	4 WATT FLUORESCENT LAMP,	5-3/8"	LONG,	TERMINAL TO TERMINAL		\$.25 EA.	24 FOR \$3.	
GE #4550	28 VOLT 250 WATT, 7" DIAMETER,					PRICE: \$3.00 EA.		
GE PAR 64/WFL	115 VOLT 500 WATT WIDE FLOOD LAMP, 8" DIAMETER					\$6.50 EA.		

DYNAMOTOR TESTER



TS-414 DYNAMOTOR TESTER
THIS EQUIPMENT PROVIDES A MEANS OF TESTING DYNAMOTORS OF SEVERAL TYPES UNDER LOAD CONDITIONS. PROVISION IS MADE FOR THE MEASUREMENT OF INPUT VOLTAGE, INPUT CURRENT, OUT-

PUT VOLTAGE, OUTPUT CURRENT AND OUTPUT RIPPLE VOLTAGE OF BOTH SINGLE AND MULTIPLE OUTPUT DYNAMOTORS. METERS; INPUT D.C.V.; INPUT AC VOLTS RMS; DC OUTPUT CURRENT; DC OUTPUT VOLTS POWER REQUIRED: 14/28 VDC, 50 AMPS. \$35.00
SIZE: 27x21x17 $\frac{1}{2}$; WT. 100 LBS.



STARK TUBE CHECKER 9-66 OR DYNAMIC MUTUAL CONDUCTANCE TYPE DESIGNED TO PROVIDE EITHER REPLACE-GOOD READINGS OR MUTUAL CONDUCTANCE VALUES IN MICROHMS OF VACUUM TUBE USED IN RECEIVERS & TRANSMITTERS. WITH PROVISIONS FOR LOCATING SHORTS & LEAKAGE BETWEEN ELEMENTS ALSO NOISE TEST. ROLLER TYPE CHART FOR TUBE SETTINGS. NEW CHARTS CAN BE OBTAINED FROM MFG. WHEN NECESSARY.

SIZE: 18x17x8; WT: 45 LBS. SOLD LESS CHART USED "AS-IS" \$25



TS-35/AP SIGNAL GENERATOR USED FOR THE TESTING AND GENERAL MAINTENANCE OF RADAR EQUIP. PRODUCES SIGNALS, CW OR PULSED INTERNALLY OR EXTERNALLY SYNCHRONIZED, OF KNOWN FREQUENCY AND POWER. USED TO MEASURE THE FREQUENCY AND AVERAGE POWER OF RADAR TRANSMITTER SIGNALS, AND TO PRODUCE FM SIGNAL FOR DETECTION OF DEFECTS IN RADAR EQUIP. WILL MEASURE SIGNAL TO NOISE RATIO, TRANSMIT RECEIVE RECOVERY TIME, FREQUENCY PULLING, AFC OPERATION AND BANDWIDTH. FREQUENCY RANGE: 8700-9500 MC; POWER SUPPLY 115V \pm 10% 50-1200 CYCLES
SIZE: 9x9x14, WT: 35 LBS.

PRICE: USED, \$39.95



PP-351/U POWER SUPPLY; PORTABLE POWER UNIT PROVIDING REGULATED DC POWER FOR TESTING COMMUNICATION EQUIP. AN/PRC-6, 8, 9 & 10; SCR-510 & 610; AND RECEIVER-TRANSMITTER BC-1000.

INPUT: 115/230V. 2.6/1.3 AMPS, 50/60 CYCLES
OUTPUT, A₁: .9 TO 1.8 VDC @ 0 TO 1.5 AMPS
A₂: .9 TO 1.8 VDC @ 0 TO 1 AMP
AND 2.5 TO 8.6 VDC @ 0 TO 1 AMP.
B₁ & B₂: 22.5 TO 150 VDC @ 0 TO 100 MA.
C₁: 0 TO 22.5 VDC @ 0 TO 1 MA.

INCLD. INPUT CABLE AND OUTPUT CABLES FOR PRC-6; PRC-8,9,10; SCR-510, 610; AND BC-1000
SIZE: 25x11x14 $\frac{1}{2}$; WT: 150 LBS. USED \$49.50

OSCILLOSCOPE



TS-34A/AP OSCILLOSCOPE, SMALL PORTABLE UNIT WITH 2A1 CRT. BANDWIDTH: 30 HZ TO 1 MHZ. RISE TIME: 0.25 TO 30,000 U-SEC.

SWEEP TIME ADJUSTABLE IN THREE RANGES FROM 10 TO 50,000 HZ. INPUT IMPEDANCE 62 OHMS OR 430,000 OHMS PARALLELED BY 12 MMF. INPUT VOLTAGE SENSITIVITY 10 TO 100 VOLTS AT 40 DB. EXTERNAL CONNECTION POSSIBLE TO ONE VERTICAL AND BOTH HORIZONTAL PLATES. WITH TUBES 4/6AK5, 2/6AG7, 2/6SL7, 6SN7, 5Y3, 6X5 AND 2A1. POWER REQUIRED: 115 VAC 50 TO 1200 HZ. SIZE: 20x9x8 SHPG. WT: 40 LB
PRICE: USED, REPARABLE \$39.95 CHECKED \$49.95

ECHO BOX

TS-172 ECHO BOX 1215-1370 MHZ, USED TO FIELD TEST RADAR SETS. CONSISTS OF A HIGH "Q" RESONATOR EXCITED BY MEANS OF LOOP THAT IS CONNECTED TO THE SET BY MEANS OF A R.F. CABLE. AN AUXILIARY LOOP IS CONNECTED TO A POWER METER WHICH SERVES AS THE TUNING INDICATOR. A SLIDE CHART IS MOUNTED ON THE FRONT IN ORDER TO DETERMINE THE RING TIME OF THE EQUIPMENT. SHIPPED IN CARRYING CASE
SIZE: 19x17x17 $\frac{1}{2}$; WT: 75 LBS.
PRICE: USED \$49.95 UNUSED \$65.00 MANUAL \$7.50



MULTI-PURPOSE TEST SET



AN/TRM-1 SIGNAL GENERATOR AND POWER METER. C.19-400 MHZ AM; DESIGN TO PROVIDE PERFORMANCE MEASUREMENTS ON RECEIVERS AND TRANSMITTERS SUCH AS PERCENT MODULATION, POWER OUTPUT, AND CARRIER LEVEL SHIFT. CONSISTS OF TWO RF OSCILLATORS; SG-32

5 RANGES, 0.19-30 MHZ, AND SG-33, 30-400 MHZ MODULATED INTERNALLY 0-60% 1000 HZ OR EXTERNALLY 200-6000 HZ. EACH HAS A NINE STEP FIXED ATTENUATOR 2.5-100000 uV, 50 OHM IMPEDANCE. ALSO VOLT/MW METER: DCV 3,30,300,600 @ 20K 2/V. ACV: 3,30,300 @ 5K 2/V. MW: 10,100,1000 200-6000 HZ, INPUT IMP 300 OHMS. RF WATTS 3-100 OVER RANGE 0.19-400 MHZ THROUGH THE USE OF CU-413 AND CU-220 COUPLER WHEN USED WITH APPROPRIATE DUMMY LOAD (NOT AVAILABLE). AN/TRM-1 w/CU-220, CU-413, POWER CABLE. POWER REQUIRED 115V60 HZ, SIZE 18x13x8, SHPG WT 65 LBS. PRICE: USED REPARABLE \$250.00
USED CHECKED \$300.00

ACCESSORIES FOR AN/TRM-1. QUANTITY LIMITED
MX-1652 ANTENNA SIMULATOR, REC \$5.00
MX-2079 TEST ADAPTER 50 OHM 5.00
CN-399 FIXED ATTENUATOR 6 DB 5.00
CN-287 FIXED ATTENUATOR 12 DB 5.00
CX-3049 SPECIAL PURPOSE CABLE 5.00
CX-3884 OSCILLATOR EXTENDER CABLE 5.00

FR-72 TUNED CAVITY

PORTABLE RINGING CAVITY USED FOR TESTING THE OVERALL PERFORMANCE OF RADAR EQUIPMENT SUCH AS POWER OUTPUT & FREQUENCY SPECTRUM. THE ECHO BOX CONTAINS A PRECISE-DIMENSIONED, SILVER-PLATED RESONANT CAVITY THAT OPERATES AS A SHARPLY TUNED CIRCUIT IN WHICH INDUCTANCE AND CAPACITANCE ARE TUNED TO RESONANCE AT THE FREQUENCY MEASURED. FREQ. RANGE 8500 TO 9000 MEGAHERTZ. A 3 $\frac{1}{2}$ " RD. 0-30 MICROAMMETER IS USED TO INDICATE PART OF THE STORED ENERGY. POWER IS OBTAINED FROM THE UNIT UNDER TEST. SUPPLIED WITH IN-23B CRYSTAL DIODE, UG-44E/U ADAPTER AND 8 FOOT COAXIAL CABLE.
SIZE: 15x26x14 WT: 45 LBS. UNUSED \$19.95



TS-62 ECHO BOX & CAVITY PORTABLE SELF-CONTAINED MANUALLY TUNED TEST SET USED FOR CHECKING RADAR EQUIPMENT IN THE 9320-9420 MHZ RANGE. IT WILL DETERMINE THE FREQ. OF CW, MCW OR PULSED SIGNALS, MEASURE THE RELATIVE OUTPUT ON 0-20 3 $\frac{1}{2}$ " MICROAMMETER, DETECT DOUBLE MODING OF MAGNETONS AND GIVES SIGNAL-TO-NOISE RATIO OF REC. ANTENNA PICK-UP ASSY. WITH CABLE PROVIDED.
SIZE: 6x18x11 $\frac{1}{2}$; WT: 15 LBS. USED \$9.95

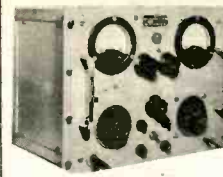
1-61 TEST SET FOR TRANSMISSION MEASURING

PORTABLE BATTERY OPERATED UNIT USED TO MEASURE LOSS OR GAINS IN CIRCUITS OR APPARATUS. AUDIO OSCILLATOR FREQUENCIES OF 500, 1000 AND 2500 CYCLES WITH LEVELS OF -40DBM, -20 DBM OR 0 DBM INTO A 600 OHM LOAD, THE RECEIVING AMPLIFIER IS CALIBRATED TO MEASURE LEVELS FROM A 600 OHM SOURCE BETWEEN -50 DBM & 15 DBM IN STEPS OF 0.5 DBM OVER THE FREQUENCY RANGE OF 100 TO 10,000 CYCLES THE 0 DBM IS ONE MILLIWATT IN 600 OHMS.
UNIT ALSO CONTAINS A EE-88 FIELD TELEPHONE, BATTERY OPERATED ASSY. WITH A TS-9 HANDSET. AND BE PURCHASED WITHOUT THIS ASSEMBLY. COMES IN WOOD CARRING CASE 18x10x11, WT: 47 LB
PRICE, COMPLETE WITH TELEPHONE ASSY & TS-9 USED \$29.95 RE-NEW \$39.50
LESS TEL. ASSY " 19.95 " " 29.50



MD-34/ARA-8 MODULATOR KEYING UNIT

AUTOMATIC HOMING KEYING ASSY. THAT OPERATES FROM 24 VDC MOTOR THAT IS CONNECTED TO A WORM GEAR WHICH ACTUATES THE CODED WHEEL THAT INTERRUPTS THE SIGNAL AND TRANSFERS FROM ONE ANTENNA TO ANOTHER. ALSO HAS RELAY AND THREE SO-239 TYPE COAX. CONN. CAN BE USED AS A REMOTE ANTENNA CHANGE-OVER. SIZE: 3x10x4 $\frac{1}{2}$; WT: 5 LBS.
PRICE: USED..... \$1.95



TS-730 SUMMATION BRIDGE WATTMETER USED TO MEASURE R.F. OUTPUT IN THE 1000 TO 4000 MC RANGE. EMPLOYS A DIRECT READING CIRCUIT IN WHICH A BOLOMETER ACTS AS ONE ARM OF A D.C. WHEATSTONE BRIDGE AT THE SAME TIME PROVIDING THE CORRECT RESISTIVITY TERM

INATION FOR RADIO FREQ. POWER ENTERING THE WATTMETER. POWER INPUT 5 MW TO 5 WATTS. INPUT IMPEDANCE 50 OHMS. METERS 3 $\frac{1}{2}$ " 0-50 RELATIVE POWER AND CENTER SCALE BALANCE. WITH TUBES 2/5651, 6AU6, 6AS7G & 5Y3GT. POWER REQ. 115 V. 50-1600 CYCLE.
SIZE: 13x14x11; WT: 19 LBS.

PRICES: LESS ATTENUATOR KIT BUT AS ILLUSTRATED LESS CARRYING CASE \$14.95
WITH ATTENUATOR KIT AND CARRYING CASE 35.00



MA-1 RANGE SERVO TEST SET USED FOR TESTING AND TROUBLE SHOOTING AIR FORCE TYPE "A" SERIES RANGE SERVOS. SPECIFICALLY, TEST PROVIDES MEANS OF MEASURING THE VARIOUS OPERATING VOLTAGES OF THE RANGE SERVO UNDER TEST AND LOCALIZING THE TROUBLE WITHIN A RADAR GUNSIGHT SYSTEM. CONTAINS 3 $\frac{1}{2}$ " 50 MICROAMMETER WITH 0-60 0-150 SCALES IN RED FOR ACV & 0-50/500 VDC SCALE IN BLK. SELECTOR SWITCHES, INDICATOR LIGHTS AND FOUR GORN CONNECTORS 12M & 12F WHICH ARE MALE & FEMALE 12 CONTACT ALSO CABLE WITH MATCHING DETACHABLE PLUGS.
SIZE: 10x10x7 $\frac{1}{2}$ IN ALUMINUM CASE. WT: 18 LBS.
PRICE: RE-NEW \$15.00



AN/URM-35 SIGNAL GENERATOR 4450 TO 8000 MHZ ON SINGLE BAND. GENERATES CW OR PULSE-MODULATED SIGNALS. PULSE WIDTH: 3.5 U-SEC @ 0.5 U-SEC @ 50% PEAK AMPLITUDE; RISE TIME: 0.35 U-SEC. POWER OUTPUT: 0 TO -100 DBM CONTINUOUSLY VARIABLE. RF OUTPUT IMPEDANCE 50 OHMS; VIDEO OUTPUT TERMINATING IMPED. 50 OHMS RESISTIVE. POWER REQUIRED: 115 VAC, 380 TO 1000 HZ.
SIZE: 15x17x11 $\frac{1}{2}$ WT: 45 LBS.
PRICE: USED, REPARABLE \$49.50

WAVEMETER

FR-91/U WAVEMETER;

PORTABLE UNIT USED TO MEASURE MICRO-WAVE SIGNALS BETWEEN 1800 AND 2800 MHZ, CW, AM, FM, PULSED OR NARROW-BAND. DESIGN ACCURACY 0.02%. POWER SENSITIVITY: 1 MW. TUNING SENSITIVITY BETTER THAN 0.03%. INTERNAL MICROMETER WITH ADJUSTABLE SENSITIVITY; MAY ALSO BE USED WITH SCOPE OR VTVM. WITH CALIBRATION CHART. POWER REQUIRED: NONE.
SIZE: 10x6x13 WT: 13 LBS. USED \$34.95



TS-238/TS-207 ECHO BOX WITH 3" RD. 0-200 MICROAMMETER AND CRYSTAL ADAPTER FOR RF ENERGY. ECHO BOX IS A RESONANT-CAVITY DEVICE DESIGNED TO SIMPLIFY THE TUNING AND CHECKING OF RADAR BY PROVIDING AN ARTIFICIAL OR "PHANTOM" TARGET WHICH MAY BE USED IN TUNING THE RECEIVER TO THE TRANSMITTER IF NO REAL TARGETS ARE AVAILABLE. PROVIDES A CLEAR, STEADY ECHO OF KNOWN CHARACTERISTICS WHEN SUCH AN ECHO IS NOT OBTAINABLE FROM NEARBY GROUND TARGETS. REQUIRES UG-21 COAX. CONN. 11x15x7 15 LBS. \$15.00
UG-21 COAXIAL CONNECTOR FOR ABOVE UNIT 75¢.



I-129 FREQUENCY METER ABSORPTION TYPE; DESIGNED TO MEASURE RADIO FREQUENCY FROM 1.5 TO 41 MC. CONSISTS OF FOUR FREQUENCY INDICATING ASSEMBLIES, THAT CONSISTS OF A COIL VAR. CAPACITOR AND DIAL, AND IS USED TO INDICATE THE FUNDAMENTAL FREQ. OF AN R.F. SOURCE. IT MAY ALSO BE USED TO DETERMINE THE ORDER OF A HARMONIC CRYSTAL OSCILLATOR, FREQ. DOUBLER OR QUADRUPLER. THE RANGES ARE 1.5-4 MC, 4-11 MC, 10-20 MC & 19-40 MC. NO VOLTAGE IS REQUIRED FOR OPERATION. CARRYING CASE SIZE: 12x5x3; WT: 8 LBS. U \$25.00

AN/FGC-5 TELEGRAPH



CV-94/FGC-5 TELEGRAPH CODE CONVERTER, RECEIVING GROUP ACCEPTS THE SIGNAL CODE COMBINATION, MOMENTARILY STORES AND GENERATES THE PROPER SIGNAL TO BE SENT ON TO THE START-STOP CIRCUIT, INCLUDES 6 INPUT SIGNAL LAMPS, MONITOR SELECTOR, OUTPUT JACKS FOR MONITOR SCOPE TRIGGER AND PRINTER, $3\frac{1}{2}$ " METER 100-0-100 MA DC W/TUBES 9/12AU7, 3/12AT7 & 13/5663 & MERCURY RELAY. RACK MTG. 19x7x13; WT: 22 LBS. Used \$14.95



O-100/FGC-5 SIGNAL DISTRIBUTION DRIVE RECEIVING SUPPLIES DRIVING IMPULSES TO SIGNAL DISTRIBUTOR RECEIVING SECTION WHICH ARE CRYSTAL CONTROLLED FREQ. OF APPROX. 101.25 KC. W/ START-STOP INTERVAL, FOUR CHANNEL SELECTOR & $3\frac{1}{2}$ " CORRECTION METER 5-0-5 0-1 MA MOVEMENT W/TUBES 12/12SN7 & 2/6SJ7 Used \$14.95



C-621/FGC-5 CONTROL MONITOR RECEIVING GROUP DECOUPLES AND AMPLIFIES SIGNAL WITH PROVISION FOR MONITORING W/SPEAKER & $3\frac{1}{2}$ " METERS 0-100 MA DC. & 0-1 MA MOVEMENT & SCALE 0-200 FOR READING MULTIPLEX DRIVE AND WPM. W/TUBES 8/6SN7, 1/6SL7, 2/6V6 & 1/2B23. REQUIRES 225 VDC AND 6.3 VAC. Used \$17.95



TT-64/FGC-5 RECEIVING SIGNAL DISTRIBUTOR ACCEPTS THE AMPLIFIED MULTIPLEX SIGNAL FROM THE CONTROL MONITOR, DETECTS THE PATTERN, INVERTS TO NORMAL AND SENDS PROPER CODE COMBINATIONS TO CONVERTERS. W/TUBES 12/12AU7, 4/12AT7, 10/5663, 2 PUSH SWITCHES FOR IMPULSE & CHANNEL PHASING & MONITOR SELECTOR. RACK MTG. 19x7x13; 22LBS, Used \$12.95



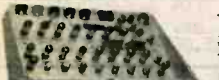
CV-81/FGC-5 TELEGRAPH CODE CONVERTER TRANS. CIRCUITS FOR ACCEPTING & DETECTING START-STOP SIGNALS FROM 1 CIRCUIT STORING THE FIVE ELEMENT CODE COMBINATIONS AND TRANSFERRING THE STORED SIGNALS TO POSITIONS ARE USED BY THE TRANS. SIG. DIST. IN THE MULTI. CIR. WESTON 301 DC MA, 100-0-100, 30 TUBES, 19/5663, 5/12AT7, 5/12AU7 & 1/3B23. VOLTAGE REQ. 6.3 VAC. 115 & 225 VDC. SIZE: 19x7x13; WT: 23 LBS. Used \$14.95



O-101/FGC-5 SIGNAL DISTRIBUTOR DRIVE TRANSMITTER GROUP SUPPLIES TIMED DRIVING IMPULSES TO THE TRANSMITTER DISTRIBUTOR, CRYSTAL OSCILLATOR 101.25 KC IN OVEN, AMPLIFIER CIRCUIT USES TUBES 6/6SN7, 1/6SJ7; 7 POSITION SWITCH FOR FREQ. & FAC. SEL. VOLT. REQ. 6.3 AC.-115 & 225 VDC. 19x7x13; 15 LBS. Used \$9.95



C-620/FGC-5 CONTROL MONITORING TRANS. GROUP AMPLIFIES SIGNALS FROM TRANS. SIG. DIST., COUPLES OUTPUT TO MULTIPLEX TRANS. CIR. NECESSARY CONTROL SWITCHES & LIGHTS TO DO THIS. ALSO WESTON METERS 301, $3\frac{1}{2}$ " 0-100 MA DC. AND MULTIPLEX DRIVE FREQ. METER CALB. CYC. PER SEC. 60 & 75 WPM. 0-1 MA DC. BASIC. FS. W/TUBES 5/6SN7, 2/6V6, VOLTAGE REQ. 6.3 VAC, 115 VDC & 225 VDC. W/SCHEMATIC. 19x7x13; WT: 23 LBS. Used \$17.95



TT-58/FGC-5 TRANSMITTER SIGNAL DISTRIBUTOR CONTAINS CIRCUITS WHICH FORM THE MULTIPLEX TELEGRAPH SIGNAL, THE PATTERN BEING DETERMINED BY THE CODE SIGNALS SET UP IN THE PARTICULAR TEL. CODE CONVERTERS IN USE. IT CONTAINS A CRYSTAL OSCILLATOR, SUBDIVIDED, AMP. CIR., IND. LAMP AND SW. TO CONNECT CONTROL MONITOR FOR OSCILLOSCOPE VIEWING. WITH TUBES 19/12AT7 & 10/5663. VOLTAGES REQ. 6.3 VAC., 115 & 225 VDC. 19x7x13; WT: 15 LBS. Used \$14.95

CONNECTOR PLUGS FOR THE ABOVE \$1.50 EA.

OS-57 OSCILLOSCOPE

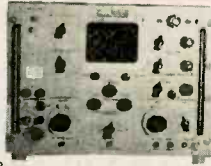


OS-57/USM-38 OSCILLOSCOPE WITH 3" CRT; GENERAL PURPOSE UNIT FOR TESTING ELECTRONIC EQUIPMENT. SINE WAVE FLAT 3 DB 10 Hz TO 6 MHz; SQUARE WAVE LESS THAN 10% TILT FROM 50 Hz POWER SOURCE. INPUT IMPEDANCE: 1 MEGOHM PARALLEL 35 MMFD. SWEEP TIME: 1 TO 100M μ -SEC/INCH, CONTINUOUSLY ADJUSTABLE. TRIGGERED OR PERIODIC SWEEP; TIMING MARKERS SYNCHED WITH SWEEP AT 1, 10 AND 100 μ -SEC. TRIGGER PULSE OUTPUT: 100 V. PEAK, 1.5 μ -SEC PULSE WITH RISE TIME OF 0.5 μ -SEC; REPETITION RATE CONTINUOUSLY VARIABLE FROM 40 TO 5000 PER SEC. CALIBRATION: 0 TO 1 VOLT PEAK TO PEAK LINE FREQUENCY FLAT-TOPPED WAVE. WITH TUBES: 3W1, 6/12AT7, 2/12BY7, 7/6H6, 6X4, 5R4, 12Z, 2/OA2, 5/5814, 2/5726, AND 5718. POWER REQUIRED: 115 VAC 50-400 Hz. SIZE: 9x13x16 WT: 36 LBS. PRICE: USED, REPARABLE \$65.00 CHECKED \$85.00 PROBES FOR USM-38: CATHODE FOLLOWER \$5.00 DETECTOR \$5.00 MANUAL FOR USM-38 SCOPE: \$7.50

OSCILLOSCOPE

AN/USM-50 OSCILLOSCOPE

WITH 3ADP1 CATHODE RAY TUBE AND 15 MHz BANDWIDTH, RISE TIME FROM 0.022 μ -SEC TO 30,000 μ -SEC. SWEEP TIME CONTINUOUSLY ADJUSTABLE FROM 0.17 TO 37,500 μ -SEC WITH SWEEP DELAY THAT ALLOWS 10% OF SWEEP LENGTH TO BE EXPANDED 10 TIMES FOR SWEEPS GREATER THAN 5 μ -SEC. TRIGGER PULSE FROM 10 TO 10,000 HZ WITH 0.15 μ -SEC RISE TIME. TIMING MARKERS SYNCHED AT 0.2, 1, 5, 20, 100 500 AND 2000 μ -SEC. VERTICAL INPUT IMPEDANCE: 1 MEGOHM SHUNTED BY 40 μ F FOR ALL ATTENUATOR POSITIONS HORIZONTAL IMPED: 1 MEGOHM SHUNTED BY 30 μ F INPUT VOLTAGE: 0.03 TO 90 VOLTS PEAK INPUT SENSITIVITY: 10 MV/CM-RMS CALIBRATION: 1 KHZ ADJUSTABLE 20 TO 200 μ V. EXTERNAL CONNECTIONS POSSIBLE TO BOTH THE VERTICAL PLATE AND THE HORIZONTAL AMPLIFIER. POWER REQUIRED: 115 VAC 50 TO 1000 HZ SIZE: 15x19x16 WT: 80 LBS. LESS PROBES PRICE: USED, REPARABLE \$75.00 USED, CHECKED \$100.00



SCOPE ACCESSORY



TS-433/U SQUARE WAVE GENERATOR-SIGNAL AMPLIFIER AND ELECTRONIC SWITCH ALLOWS SIMULTANEOUS VIEWING OF TWO RECURRENT PATTERNS ON AN OSCILLOSCOPE BY PROVIDING TWO INDEPENDENT TIME BASES. MAKES DIRECT

COMPARISON OF WAVE CHARACTERISTICS POSSIBLE. SQUARE WAVE VOLTAGE WITH VARIABLE FREQ. AND AMPLITUDE AVAILABLE AT THE OUTPUT TERMINALS. ALSO DIRECT COUPLED AMPLIFIERS DESIGNED FOR CHOPPING A DC SIGNAL. SWITCHING RATE CONTINUOUSLY VARIABLE FROM 10 TO 2000 HZ; SQUARE WAVE GENERATOR FROM 10 TO 500 HZ. AMPLIFIER VARIABLE TO 30 VOLTS PEAK. FREQUENCY RESPONSE UNIFORM FROM 0 TO 5000 HZ. INPUT IMPEDANCE: 100K OHMS, OUTPUT 50K OHMS. POWER REQUIRED: 115/230 VAC 50/60 HZ. SIZE: 15x13x18 WT: 20 LBS. USED, \$24.95



I-152(a) INDICATOR WITH BC-788 ALTIMETER FOR INDICATING HEIGHT OVER TERRAIN IN AIRCRAFT WITH 3DPI CATHODE RAY TUBE (SAME SOCKET/SHIELD AS 3BP1 TUBE AND OTHER TYPES) ALSO TUBES 3/6AG5 AND 2X2. HAS R.F. CIRCUIT, POTENTIOMETERS, 115 V. 400 CYCLE POWER

SUPPLY ETC. (WILL MAKE GOOD FOUNDATION FOR A MONITOR) SIZE: 6x6x12; WT: 9 LBS. PRICE: USED \$8.95 SCHEMATIC \$1.00

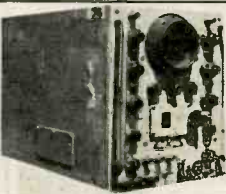
OSCILLOSCOPE



USM-24 OSCILLOSCOPE WITH 3W1 C.R. TUBE. SINE WAVE RESPONSE, FLAT WITHIN -3DB FROM 2 CYC TO 8 MC. TRANSIENTS RESPONSE .04 MIC ROSEC. RISE, POLARITY POSITIVE UPWARD AND NEGATIVE DOWNWARD DEFLECTION, RECURRENT SWEEP 8CYC PER. SEC. TO 600 KC., TRIGGERED SWEEP 1.25 TO 125 MICRSEC., VERT. DEF. SENSITIVITY .035, HORIZ. DEFLEC. 4.0V, HORIZ. RESPONSE .5 CYC PER SEC. TO 700 KC. VERT. RESPONSE 4 CYC PS. TO 10MC. BEAM MOD. RESPONSE 50 CYC PS. TO 10 MC. HORIZ. INPUT IMP. 300,000 OHMS, BEAM MOD. INPUT RESISTANCE. 56,000 OHMS SIGNAL AMPLIFICATION IS UNIFORM OVER A WIDE FREQ. RANGE. A CALIBRATING GENERATOR FOR ACCURATE MEASURE. OF INSTANT. VALUES OF SIGNAL, WITH CHOICE OF 5 TIME MARKERS. ALL OPERATING CONTROLS AND CONN. ARE ON THE FRONT PANEL. INPUT AND OUTPUT CONNECTIONS USE BCN CONNECTORS. POWER REQUIRED 115 VOLT 50 TO 1600 CYC. SIZE: 15x17x16; WT: 55 LBS. SHPG. WT: 65 LBS. SOLD AS "COMPLETE, NOT CHECKED WITHOUT GUARANTEE TO THE LIFE OF THE POWER TRANSFORMER. PROBES AND OTHER ACCESSORIES EXTRA." PRICE: OS-26/USM-24 "AS-IS" \$39.50 OS-51/USM-24C "AS-IS" \$49.50 PROBES: CG-883. 10:1 ATTENUATOR \$7.50 EA



TV-10 TUBE TESTER USED TO TEST AND MEASURE THE PERFORMANCE CAPABILITIES AND TO DETERMINE REJUNCTION LIMITS FOR ELECTRON TUBES USED IN RECEIVERS LOW POWER TRANSMITTERS AND MANY OTHER TYPES OF ELECTRONIC EQUIPMENT. THE TESTS MADE ARE FOR DYNAMIC MUTUAL CONDUCTANCE, EMISSION, SHORTS, GAS, NOISE. ROLL CHART PROVIDES TEST SET UP DATA. HAS TEST SOCKETS FOR LOCTAL, OCTAL, 4,5,6,7 PIN, NORVAL 9,7 PIN MINATURE, SUB-MINI RD AND FLAT AND ACORN. POWER REQUIRED 115V 50-1000 HZ SIZE 18x10x7 SHPG WT 30 LBS USED REPARABLE \$40.00 USED CHECKED \$50.00 USES SAME ADAPTERS AS TV-7



OS-4/USM-25 OSCILLOSCOPE GENERAL PURPOSE UNIT DESIGNED TO PORTRAY A LUMINOUS PLOT OF VOLTAGE AGAINST A TIME BASE. SERVES AS A AUX. RANGING UNIT, PRECISION TEST OSCILLOSCOPE AND CALIBRATOR CAN BE USED WITH RADAR SYSTEMS TO INCREASE THE ACC. IN RANGING, EXTEND THE RANGE SCALE AND PROVIDE ACC. CRYSTAL CONTROL MARKERS ALSO EXPANDED, DELAYED OR UNDELAYED SWEEPS. VIDEO AMP. SENS. MIN. .5 V PK-PK W/CRY. PROBE 5.0 V. DIR. TO VERT. DEF. 43 TO 52 VOLTS. FREQ. RESPONSE AMPL. 1 DB 50 CPS AND 5 MCPS PULSE RESPONSE RISE TIME LESS THAN .1 MICSEC. DELAY TIME, LESS THAN .2 MICROSEC., INPUT IMPEDANCE AMPL. 1 MEGOHM, SYNCHRONIZING CRYSTAL CONTROL MARKERS 10 MICROSEC. AND 50 MICRO SEC. INTERNAL IMP. 56 OHMS., SIGNAL DELAY TIME .60 SEC. WITH TUBES 3W1 CR AND 22 OTHER TUBES. POWER REQ. 115 V. 50 TO 1000 CYCLES. SIZE: 11x17x9; WT: 40 LBS. PRICE: USED REPARABLE \$39.50 CHECKED \$55.00



AN/USM-16 SIGNAL GENERATOR 10-440 MHZ CW, AM, FM, PM SWEEP FREQUENCY RF GENERATOR AN OUTPUT OF 0.1 μ -VOLT TO .224 VOLT IS AVAILABLE FROM 10-440 MHZ. OSCILLATOR IS FREQUENCY AND AMPLITUDE STABILIZED. SWEEP RANGE IS 0 TO - 75 KHZ, 750 KHZ, 7500 KHZ. A 1-30 μ SEC DURATION 50 TO 5 KHZ PULSE IS AVAILABLE FOR PULSE MODULATION OR AN OUTPUT SEPARATELY. CRYSTAL CALIBRATOR FOR ACCURATE FREQUENCY CALIBRATION- COMPLETE DATA ON REQUEST W/ SASE SHPG. WT: 150 LBS. SIZE 20 x 19x 17x. POWER REQUIRED 115V 50-400HZ PRICE: USED FUNCTIONAL CHECKED-NOT CALIBRATED \$350.00 USED REPARABLE \$265.00



TS-497B/URR SIGNAL GENERATOR, 2 to 400 MHz. IN SIX BANDS. DESIGN ACCURACY $\pm 5\%$. OUTPUT VOLTAGE CONTINUOUSLY TUNEABLE FROM 0.1 TO 100,000 MICROVOLTS.

GENERATES EITHER AM OR PULSED CARRIER. INTERNAL MODULATION 400 OR 1000 HZ; EXTERNAL MODULATION 50 TO 10,000 HZ. PERCENT MODULATION VARIABLE FROM 0 TO 30 PERCENT. OUTPUT IMPEDANCE 50 OHMS. POWER REQUIRED: 115 VAC 50/60 HZ.

SIZE: $9\frac{1}{2} \times 19\frac{1}{2} \times 10\frac{1}{2}$ SHPG. WT: 65 LBS.

PRICE: USED, REPARABLE \$195. CHECKED \$225.00

GENERAL RADIO MODEL 1800-A VACUUM-TUBE VOLTMETER

A PORTABLE AND ACCURATE VTVM CAPABLE OF MEASURING ALTERNATING VOLTAGE AT FREQUENCIES UP TO SEVERAL HUNDRED MEGAHERTZ, AS WELL AS DC VOLTAGES OF EITHER POLARITY. DESIGN ACCURACY OF $\pm 2\%$. INCLUDED WITH THE UNIT IS A HIGH FREQUENCY PROBE SHIELDED AGAINST STRONG RF FIELDS.



VOLTAGE RANGES: 0.1 TO 150 VAC IN SIX SCALES: 0.5, 1.5, 5, 15, 50 AND 150. AND 0.01 TO 150 VDC IN SIX SCALES: 0.5, 1.5, 5, 15, 50 AND 150. INPUT IMPEDANCE: AC CIRCUIT 25 MEGOHMS SHUNTED BY 4.3 UUF. CAPACITANCE; EQUIVALENT PARALLEL CAP. AT RF IS 3.1 UUF. WITH A RESONANT FREQUENCY OF 1050 MHZ. DC IMPEDANCE IS 10 MEGOHMS AND OPEN GRID. WITH TUBES 2/9003, 2/991, 6C4, 6X5, 6AT6, 6SL7, 6SU7 AND 3-4. LESS POWER CABLE (USES STANDARD AC PLUG). POWER REQUIRED: 115/230 VAC 50/60 HZ. WALNUT CASE. $7\frac{1}{2} \times 7\frac{1}{2} \times 11\frac{1}{2}$ 16 LB

KB9-A 16 MM MOVIE CAMERA USED TO RECORD STRIKES BY THE MILITARY. HAS 35 MM, F3.5 KODAK EKTAR LENS; VARIABLE APERTURE FROM F3.5 TO F16. FILM SPEED: 32 FRAMES PER SECOND. FILM CAPACITY: 35 FT 16 MM FILM. CAN BE ACUTATED BY REMOTE CONTROL. POWER REQUIRED: 27 VDC FOR DRIVE MOTOR AND HEATER. RED AND YELLOW FILTERS INCLD. SIZE: $7\frac{1}{2} \times 7\frac{1}{2} \times 2\frac{1}{2}$ SHPG. WT: 5 LBS. PRICE: NEW \$24.95

TS-352 MULTIMETER, PORTABLE GENERAL PURPOSE VOLT-OHM-METER. SENSITIVITY 1000 OHMS/VOLT AC-DC OR 20,000 OHMS/VOLT DC ONLY. AC-DC VOLT SCALES: 2.5/10/50/250/500/1000 VOLTS. DC AMP SCALE: 250 UA/2.5 MA/10 MA/50 MA/100 MA/500 MA/2.5-10 AMPS. RESISTANCE SCALE: Rx1/x10/x100/x1000/x10,000 OHMS



WITH FOUR INCH METER FS=50 U-AMPS. JACK FOR 5000 VDC @ 20K OHMS/VOLT. WITH TEST LEADS. USES THREE 4 1/2 VOLT AND ONE 1/2 VOLT BATTERIES. SIZE: $1\frac{1}{2} \times 1\frac{1}{2} \times 10$ WT: 23 LBS. PRICE: USED, REPARABLE \$29.95. CHECKED \$39.95



AG3 AUDIO GENERATOR, MFG. IN CANADA BY MEASUREMENT ENGINEERING. 35 HZ TO 35 KHZ IN THREE RANGES. FREQUENCY RESPONSE FLAT WITHIN ± 1 DB FROM 35 HZ TO 15 KHZ. POWER OUTPUT

1 WATT INTO 500 OHMS; OVER 25 VOLTS ON OPEN CIRCUIT. WITH TUBES 6SJ7, 6SF5, 6K6, 6V6 AND 5U4. POWER REQUIRED: 115 VAC 60 HZ. SIZE: $18 \times 14 \times 8$ SHPG. WT: 60 LBS. PRICE: USED, COMPLETE, NOT CHECKED \$40.00



GENERAL RADIO TYPE 874 V I VOLTMETER INDICATOR; MEASURES RECTIFIED DC OUTPUT OF CRYSTAL DIODES, RF DIODES, AND CALIBRATES THE CRYSTAL AT THE APPLIED LEVEL VOLTAGE

FREQUENCY RANGE 60 HZ TO 7.0 GHZ. CALIBRATING VOLTAGE ACCURACY: 0.1 TO 2.0 V. CRYSTAL CURRENT 0-200 U-AMPS. INCLUDES 2 1/2" 0-200 MICROAMMETER, DIRECTLY CALIBRATED DIAL, AND SCHEMATIC. POWER REQUIRED 115/230V. 50-60 HZ. AC. SIZE: $5\frac{1}{2} \times 5\frac{1}{2} \times 3\frac{1}{2}$ WT: 6 LBS. PRICE: UNUSED \$24.95

DIGITAL COUNTER

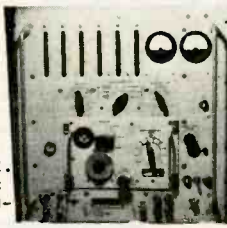
NORTHEASTERN ENGINEERING MODEL 14-20C FREQUENCY COUNTER WITH 8-PLACE NIXIE DIGITAL DISPLAY. FREQUENCY RANGE 10 HZ TO 10.1 MHZ WHICH CAN BE EXTENDED TO 1000 MHZ WITH THE PROPER PLUG-IN FREQUENCY CONVERTER. TIME PERIOD: 10 U-SEC TO 1.0 MILLION SEC. INPUT IMPEDANCE: 1 MEG-OHM SHUNTED BY 40 UUF.



ALSO COUNTER DESIGNED TO BE USED AS A SECONDARY FREQUENCY STANDARD FROM 10 MHZ TO 0.1 HZ WITH A CRYSTAL-CONTROLLED 1 MHZ OSCILLATOR. HOWEVER, THE 1 MHZ OSCILLATOR IS NOT AVAILABLE. COUNTER USES PLUG-IN UNITS INTERCHANGEABLE WITH FR-38 AND HEWLETT-PACKARD 524 SERIES COUNTERS. PLUG-INS SOLD SEPARATELY. POWER REQUIRED: 115 V. 50-400 HZ SIZE: $19\frac{1}{2} \times 19\frac{1}{2} \times 17\frac{1}{2}$ SHPG. WT: 110 LBS. PRICE: USED, LESS 1 MHZ OSCILLATOR, \$95.00 PLUG-INS \$50.00 EA. WHEN PURCHASED W/COUNTER

COUNTER, 8 DIGIT READOUT, DC TO 10 MHZ, CAN BE EXTENDED TO 500 MHZ WITH PROPER PLUG IN. USED, NOT CHKD \$195. (PLUG-INS LISTED BELOW) " CHECKED \$225.

FR-38 FREQUENCY METER AND COUNTER; GENERAL PURPOSE UNIT SIMILAR TO HEWLETT-PACKARD 524B. USED TO MEASURE FREQUENCY AND TIME INTERVALS. FREQ. RANGE: 10 HZ. TO 10 MHZ; CAN BE EXTENDED WITH PROPER PLUG-INS TO 510 MHZ. TIME INTERVAL: .001 SEC TO 10 SEC. CAN BE EXTENDED FROM 1.0 U-SEC TO 100 DAYS WITH PROPER PLUG-IN. FR-38 CONSISTS OF A SIGNAL GATE, A TIME BASE SECTION, A GATE SECTION AND 6-DECADE COUNTER. RECEIVES CW OR PULSED. ACCURACY ± 1 TO 3000 HZ .03%; @ 3000 HZ TO 10 MHZ .001%. POWER REQUIRED: 115V AC 50-1000 HZ. SIZE: $19\frac{1}{2} \times 19\frac{1}{2} \times 18\frac{1}{2}$ WT: 125 LBS. PRICE: USED, REPARABLE \$125.00 CHECKED \$175.



COUNTER, 6 DECADE READOUT, SIMILAR TO FR-38, USES SAME PLUG-INS AS OTHER COUNTERS, PLUG-INS LISTED BELOW. PRICES: USED, REPARABLE \$150 CHECKED \$225.00

COUNTER PLUG-INS FOR DIGITAL OR NUMERICAL READOUT. HP OR EQUIVALENT TYPE WILL BE SHIP HP-525A 10-100 MHZ \$75.00 HP-525B 100-200 " \$90.00 HP-525C 100-500 " \$175.00 DISCOUNT 25%, WHEN PURCHASING ABOVE COUNTERS ALSO.



DIGITAL

DIGITAL TEST INSTRUMENTS: VOLTMETERS, MULTIMETERS, ETC. ALL 115 VAC 60 HZ. SOLD AS "USED, COMPLETE-REPARABLE; LESS TEST LEADS."

CUBIC V41 DC VOLTMETER; 0-999.9 VDC WITH SCALERS 1, 10, 100, AND 1000 VDC. SEPARATE DISPLAY AND CONTROL COMPONENTS. \$85.00

ELECTRO-INSTRUMENTS: MODEL 848 MULTIMETER; 0-999.9 VDC, WITH RATIO POSITION; SINGLE COMPONENT. \$100.00 MODEL 851 MULTIMETER; 0-999.9 DC AND AC VOLTS; OHMS TO 1 MEG. \$135.00 MODEL 880 MULTIMETER; 0-999.99 VDC, WITH RATIO POSITION; SINGLE COMP. \$110.00

NON-LINEAR SYSTEMS: MODEL 64 DC VOLTMETER; 0-499.9 VDC WITH SCALERS 10, 100 AND 500 VDC. \$75.00 MODEL V64 DC VOLTMETER; 0-999.9 VDC WITH SCALERS 10, 100 AND 1000 VDC. \$90.00 MODEL M24 VOM; 0-999.9 VDC AND OHMS TO ONE MEG. DISPLAY AND CONTROL COMP. \$115.00 MODEL M24-B AC-DC VOLTMETER; 0-999.9 AC AND DC VOLTS; DISPLAY AND 264F CONVERTER UNIT. \$115.00 MODEL M25 VOM; 0-999.99 VDC AND OHMS TO 10 MEG. DISPLAY AND CONTROL COMP. \$130.00

M-278 BALLOON; USED TO RAISE THE ANTENNA OF THE CRT-3 RESCUE TRANSMITTER WHEN LACK OF WIND DOES NOT PERMIT THE USE OF THE M-357 KITE. THE BALLOON IS MADE OF NEOPRENE AND IS SUPPLIED IN A CAN WITH A KEY FOR OPENING. WHEN INFLATED BY MEANS OF THE HYDROGEN GENERATOR AND INFLATING TUBE, DESCRIBED BELOW, THE DIAMETER WILL BE OVER 4 FEET. HAS 2 CORD LOOPS FOR ATTACHING ANTENNA AND RUBBER CORK STOPPER. SHPG. WT: 2 LBS. PRICE: \$4.95



M-278 BALLOON WITH M-315 HYDROGEN GENERATOR AND INFLATING TUBE.....\$10.00

M-315 HYDROGEN GENERATOR; USED TO INFLATE THE M-278 BALLOON. COMES IN A STEEL CYLINDER FILLED WITH LITHIUM HYDRIDE; OPERATED BY IMMERSION IN WATER; KEY AND TONGUE ON EACH END FOR OPENING CYLINDER. REQUIRES INFLATING TUBE FOR USE WITH BALLOON. SHPG. WT: 8 LBS.



M-315 HYDROGEN GENERATOR ONLY..... \$6.95

M-315 INFLATING TUBE 1.50

W-147/CRT-3 ANTENNA WIRE; CADMIUM-COPPER ALLOY 16 STRANDS X .040 MAX. DIA. 65 LB. TEST 306 FT. LG. WOUND ON SPOOL $2\frac{1}{2} \times 2\frac{1}{2}$ SHPG. WT: 1 LB \$2.95

M-308 SIGNAL LAMP LIGHT ASSEMBLY; 24 VOLT LAMP IN BAKELITE BASE WITH CLEAR POLYSTYRENE SHIELD WITH WEB STRAPS FOR STRAPPING TO HEAD. SIZE $3 \times 2\frac{1}{2} \times 9\frac{1}{2}$ CORD FOR PLUGGING INTO TRANS. 4 OZ. \$1.50

M-390 PARACHUTE; YELLOW NYLON 12 FT. DIAMETER, 40 LB. CAPACITY, 16 NYLON SHROUDS 11 FT. LG. USED TO DROP RESCUE TRANSMITTER AND ACCESSORIES. UNUSED, NOT IN DROP PACK. SHPG. WT: 2 \$9.95

T-74/CRT-3 TRANSMITTER WITH ACCESSORIES \$75



SG-376-A AUDIO AND RF SIGNAL GENERATOR USED TO TEST SSB RADIO EQUIPMENT AND CONSISTS OF TWO VARIABLE FREQUENCY

AUDIO OSCILLATORS AND TWO DUAL FREQUENCY IF OSCILLATORS INDEPENDENT OF EACH OTHER, FREQ RANGE 20-20KHZ IN STEPS 1HZ FROM 20-100HZ 10HZ FROM 100-1000HZ, 100HZ FROM 1000 TO 10 KHZ, AND 200HZ FROM 10KHZ TO 20KHZ, ACCURACY 1%. THE IF FREQUENCIES AVAILABLE ARE 497.5KHZ, 498.5KHZ, 501.5KHZ, 502.5KHZ, CRYSTAL CONTROLLED 0.01% AF OUTPUT 2 TO 2.5 VOLTS ATTENUATED UP TO 100DB, OUTPUT IMPEDANCE 600 OHM. THE AUDIO OSCILLATORS AND EITHER PAIR OF THE RF OSCILLATORS MAY BE MIXED FOR USE AT THE SAME TIME TO TEST SSB COMMUNICATIONS EQUIPMENT. CAN BE REMOVED FROM CASE FOR RACK MOUNTING. TRANSISTORS: 12/2N526, 6/2N1309, 1/2N297, 1/2N404; POWER REQUIRED 115VOLT 47.5 TO 450 HZ 15 WATTS $5\frac{1}{2} \times 11\frac{1}{2} \times 19$ SHGWT 35 LBS MANUAL \$7.50 USED REPARABLE \$175.00 USED CHECKED \$225.00



TS-375/U VOLTMETER FOR AC OR DC VOLTAGES. AC RANGES ARE 1.2, 3, 12, 30 AND 120 VAC WITH FIVE MEGOHM RESISTANCE SHUNTED BY FIVE MMF. DC RANGES ARE 1.2, 3, 12, 30, 120 AND 300 VDC WITH CONSTANT INPUT RESISTANCE OF 30 MEGOHMS. FREQUENCY RANGE IS FROM 40 HZ TO 50

KHZ USING THE PANEL TERMINALS AND 10 KHZ TO 150 MHZ WITH THE PROBE. WITH AC AND DC PROBES. POWER REQUIRED: 115 VAC 50-1600 HZ. SIZE: $10\frac{1}{2} \times 10\frac{1}{2} \times 6\frac{1}{2}$ WT: 21 LBS. PRICE: USED, REPARABLE \$25.00 CHECKED \$35.00



I-95 FIELD STRENGTH METER, 100 TO 156 MHZ CONTINUOUSLY TUNEABLE; ORIGINALLY DESIGNED FOR USE WITH SCR-522 EQUIPMENT. RELATIVE FIELD STRENGTH INDICATED ON A 2 1/2" ROUND 0 TO 1.0 DC MILLIAMMETER. WITH 16 1/2" TELESCOPING ANTENNA AND ZERO-ADJUST. MODULATION FREQ. 1000 HZ. VOLTAGES REQUIRED 45 VDC AND 1.5 VDC. SIZE: $7\frac{1}{2} \times 7\frac{1}{2} \times 8$ WT: 7 LBS. PRICE: USED, \$19.95

MICROWAVE GENERATOR

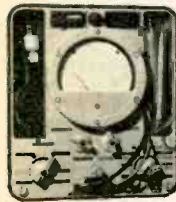


TS-147/UP MICROWAVE SIGNAL GENERATOR
 PORTABLE UNIT DESIGNED TO TEST AND ADJUST RADAR, BEACON AND MICROWAVE COMMUNICATION SYSTEMS OPERATING IN THE FREQUENCY RANGE OF 8500 TO 9600 MC. PROVIDES EITHER FM OR CW TEST SIGNALS OF KNOWN POWER LEVEL AND FREQUENCY. THIS UNIT CONTAINS A DIRECT READING FREQUENCY METER AND POWER LEVEL METER WITH POWER REFERENCED TO ONE MILLIWATT (DBM). USED TO MEASURE FREQ. AND POWER LEVEL OF THE INPUT AND OUTPUT SIGNALS. SPECTRUM WIDTH, FREQ. CHANGE, RECOVERY TIME AND STANDING WAVE RATIO. CAN ALSO BE MODULATED EXTERNALLY. OPERATES FROM 115 VOLT 50-1600 CYCLES. LESS CABLES, PLUGS, ADAPTER, PICK-UP HORN. SIZE: 11 1/2 x 18 1/2 x 12 1/2; WT: 35 LBS.
 TS-147A/UP.....\$49.50 USED
 TS-147B/UP.....60.00 USED
 TS-147D/UP.....75.00 USED



GENERAL RADIO SIGNAL GENERATOR MODEL 1021 250-920 MC IN ONE BAND, DIRECT READING CALIBRATION 1%, OUTPUT VOLTAGE CONT. ADJ. .5 TO 1 VOLT OPEN CIRCUIT. OUTPUT IMP. 50 OHMS 10%, AMPLITUDE MOD. ADJ. 0-50%, ENV. DIST. LESS THAN 5% AT 50% MOD. CARRIER NOISE LEVEL .2% MOD. STRAY FIELD LEAKAGE AND RESIDUAL OUTPUT VOLTAGE CANNOT BE DETECTED WITH A RECEIVER. 2-3 MV SENSITIVITY. POWER REQUIRED: 115/230 VOLT, 50-60 CY. SIZE: 20 1/2 x 14 1/2 x 10 1/2; WT: 40 LBS. COND. USED PRICE: \$150.00 CHECKED FOR OPERATION \$25 EX.

ELECTRONIC MULTIMETER



TS-505/U ELECTRONIC MULTIMETER: PORTABLE VACUUM TUBE VOLTMETER AND DC OHM-METER DESIGNED TO MEASURE AC AND DC VOLTAGES AND RESISTANCE. AC METER IS PEAK INDICATING HOWEVER, IT IS CALIBRATED TO READ RMS VOLT. POWER REQ. 115 V 50-1600 CYC AND TWO 1.5 V. BATT. FOR OHMMETER SECTION. FREQ. RANGE 30 CYC TO 500 MC. AC RMS VOLTS RANGES 0-2.4/10/20/40/100 & 200 DC VOLTS RANGES 0-2.4/10/40/100/200/400/1000 RESISTANCE OHMS RANGES 0-1000 MEGOHMS, 7 RANGES W/AC-DC PROBES/PROBE FOR 500 MHZ NOT AVAILABLE HANDLE IS USED FOR ADJUSTABLE STAND, EASY USE. SIZE 11 1/2 x 13 x 13; WT: 20 LBS. PRICE: USED REPARABLE \$30.00. CHECKED \$40.00



MODEL 300 BALLANTINE VACUUM TUBE VOLTMETER. GENERAL PURPOSE TEST SET USED TO MEASURE AC VOLTAGES ALSO AS CAN BE USED AS A AMPLIFIER AND MICROMETER WHEN PROPERLY CONNECTED. FREQ. RANGE 10-1500 CYC. VOLTAGE RANGES 0.001-.01/.1/1.0/10 & 100 DECIBEL SCALE 0-20, OUTPUT IMP. 0-15000 OHMS, INPUT IMP. 0.5 MEGOHMS SHUNTED BY 30 MMF. STABILITY 1% APPROX. DEPENDING ON LINE VOLTAGE. ACC. APPROX. 2% OVER RANGE. POWER REQ. 115 V. 50/60 CYC. SIZE: 4 1/2 x 5 1/2 x 11; WT: 13 LBS. PRICES: USED CHECKED \$39.95, REPARABLE \$29.50 BALLANTINE 3000 " 49.95 " 39.50 ALSO AVAILABLE MODELS 310/305/220 ETC.

ATTENUATORS

MX-1309/URM-23 POWER MEASURING; KIT OF WAVEGUIDE ATTENUATORS, ADAPTER, BALOMETER, CABLE & CHART, 1000 TO 4000 MC.
 ATTENUATOR CN-110/U 10 DB
 " CN-111/U 20 DB (2pc)
 " CN-168/U 3 DB
 " CN-169/U 6 DB
 RF BALOMETER DT-76/U, "N" CON
 ADAPTER CONN. UG-402/U
 COAXIAL CABLE CG-92B/U W/UG-21 EA. END.
 METAL CARRYING CASE, FITTED, SIZE: 19x5 1/2 x 14; WT: 32 LBS. COMPLETE SET \$18.95



BC-221

FREQUENCY METER



THIS IS A SIMPLE ACCURATE AND RELIABLE CRYSTAL CALIBRATED FREQUENCY INDICATING INSTRUMENT FOR USE IN THE 125 TO 20,000 KC RANGE, WITH A NORMAL OPERATING ACCURACY OF LESS THAN .02%. CAN ALSO BE USED AS A SIGNAL GENERATOR OR VARIABLE FREQ. OSCILLATOR.
 OPERATING VOLTAGE REQUIRED FOR DRY CELL OPERATION 6 VDC .9 AMP. & 135 VDC 20 MA. SIZE: 10x13 1/2 x 10; WT: 25 LBS. UNITS MAY BE IN WOOD OR METAL CASES. VARIOUS LETTERS, COMPLETE WITH TUBES, CRYSTAL, ORIGINAL CALIBRATION BOOK. USED, REPARABLE \$60.00 PRICE: USED CHECKED FOR OPERATION \$70.00

BC-221 FREQUENCY METER LESS CALIBRATION BOOK NOT CHECKED FOR OPERATION, OTHERWISE COMPLETE PRICE: \$45.00

CALIBRATOR



TS-102B/AP CALIBRATOR RANGE CALIBRATOR PORTABLE PULSE GENERATOR WITH REPE- TITION FREQ. OF 400, 800, 1600, 2000, & 4000, MARKER AND SYNCHRONIZING PULSE, VARIABLE DELAY LINE PHASE ADJUSTMENT. OPERATES FROM 115 V. 50-1000 CYCLES WITH TUBES 2/6X4W, 3/6AG7, 6/5814, 2/UG273/U CONN. 4 CABLES W/ UG-88B/U. SIZE: 16x10x11; WT: 28 LBS. PRICE: UNUSED \$14.95

LORAN TEST SET



TS-251 LORAN TEST SET PORTABLE SIGNAL GENERATOR USED IN PRE-FLIGHT AND SHIPBOARD CHECKING OF LONG RANGE LORAN RECEIVERS. FREQUENCY RANGE 1700 TO 2010 KC PULSE SIGNAL. WITH TUBE 6J5, 6SJ7, 6SK7, 6SL7, 6X5 AND 6SN7. POWER REQ. 80/115/230 V. 50-1600 CYC. SIZE: 7 1/2 x 11 1/2 x 10 1/2; WT: 30 LBS. PRICE: USED SERVICEABLE \$50.00 CHECKED \$60.

DIODE CRYSTAL CHECKER



390A-3 TEST SET CRYSTAL CHECKER FOR CERAMIC CARTRIDGE AND COAXIAL TYPES WITH NORMAL AND REVERSED POLARITIES. MINIMUM CONVERSION LOSS CAN BE PREDICTED FROM THE STATIC VOLTAGE CURRENT CURVE OF THE CRYSTAL, THEREFORE A TWO POINT DC MEASUREMENT OF VOLTAGES IS MADE OF THE CRYSTAL UNDER TEST AND THE RESULTANT DIFFERENCE IN CURRENT CALIBRATED IN MINIMUM AVAIL. CONVERSION LOSS. IN THE CALIBRATE POS. AND VARYING CONTROL ESTABLISHES THE VOLTAGE CURRENT CURVE, IN THE TEST POS. SHOWS THE INDICATED CURRENT ON THE CALIBRATED METER AS A FUNCTION OF THE MINIMUM AVAIL. CONVERSION LOSS. POWER SUPPLY ONE 1.5 VOLT BATTERY. SIZE: 8x8x5 1/2; WT: 5 LBS. PRICE: USED \$9.95

URC-4 & URC-10 TEST SET

& A.C. POWER SUPPLY



T-906 TEST SET FOR URC-4, URC-10, RT-285 AND RT-350 TRANSCEIVERS CONTROLS TO CHECK FILAMENT VOLTAGES, PLATE VOLTAGE, FILAMENT CURRENT AND PLATE CURRENT METER INDICATES WHETHER TRANSCEIVER IS PASSABLE. T-906 MIGHT ALSO BE USED AS A 115V. AC 60 HZ POWER SUPPLY FOR THE SETS. THREE TEST JIGS ARE INCLUDED FOR SPECIFIC UNITS. POWER REQUIRED 115V. 60 HZ. SIZE: 19x11 1/2 x 11 1/2; WT: 80 LBS. PRICE: NOT CHECKED \$35.00

TS-382 AUDIO OSCILLATOR



TS-382 AUDIO OSCILLATOR FREQUENCY RANGE 20 TO 200,000 CPS IN FOUR BANDS, OUTPUT IMP. 1000 OHMS, AMPLITUDES CONTINUOUS VARIABLE 0-10 VOLTS, FREQ. RESPONSE 20 CPS. TO 150,000 CPS. APPROX. ± 1 DB, FREQ. ACCURACY ± 6%, STABILITY ± 2%, HUM 60 DB BELOW RATED OUTPUT, ATTENUATOR ACCURACY 3% EXCEPT 10 MICRO. V. +2 OR -3 MICROVOLTS. POWER INPUT 115 V. 50-1600 CYC. OUTPUT 100 MW. WITH NINE TUBES, CALIBRATED TUNING DIAL, FREQ. RANGE SWITCH, OUTPUT LEVEL CONT. OUTPUT LEVEL ATTENUATOR, SIGNAL INPUT AND OUTPUT JACK, OUTPUT LEVEL METER, VIBRATING REED-TYPE METER USED AS A ACCURATE CHECK OF THE OSC. CALIBRATION SIZE: 18 1/2 x 10 x 12 1/2; WT: SHPG. 75 LBS. PRICE: USED, REPARABLE \$60.00 CHECKED \$75.00



TS-323/UR FREQUENCY METER AND CRYSTAL CALIBRATOR, 20 TO 480 MC. PORTABLE SELF-CONTAINED CRYSTAL CONTROLLED HETERODYNE TYPE USED FOR TESTING CW, MCW AND PULSED SIGNALS. FUNDAMENTAL FREQ. RANGE 20 TO 40 MC. ACCURACY .005%, AUDIO 20 MW AT CHECK PTS. RADIO FREQ. OUTPUT 50-1000 MV. SENSITIVITY 50M MV SIG. GIVES AUDIO BEAT NOTE OUTPUT OF 10 MW. RANGE 2500 TO 500 MV. POWER REQUIRED 2 DRY BATTERIE BA-203 (6 vdc) AND 3 BA-59 (45 vdc). SIZE: 15x12x10 WT: 35 LBS. PRICE: USED REPARABLE \$50.00 CHECKED \$65.00 115 VOLT 60 CYCLE POWER SUPPLY \$24.95



LM-21 FREQUENCY METER WITH AC POWER SUPPLY; CRYSTAL CALIBRATED UNIT COVERS 125 TO 20,000 KHZ IN TWO BANDS. DESIGN ACCURACY BETTER THAN .02%. AM MODULATION 40% AT 500 HZ. OUTPUT VOLTAGE 250 U-VOLTS MIN. OUTPUT IMPEDANCE 600 OHMS. WITH CALIBRATION BOOK. POWER REQUIRED: 115 VAC 60 HZ.

FREQUENCY METER SIZE: 8 1/2 x 8 1/2; WT: 14 LBS. POWER SUPPLY SIZE: 8 1/2 x 8 1/2; WT: 15 LBS. PRICES: USED CHECKED \$54.50 REPARABLE \$44.50 POWER INPUT CONN. F/LM-21 EACH 2.00 POWER SUPPLY " 2 REQUIRED " 2.00 SHOCKMOUNT \$2.50 MANUAL " 7.50



IM-120/UPM STANDING WAVE RATIO METER DESIGNED TO BE PLACED OVER 1 1/2" WAVE GUIDE TO DETERMINE THE STANDING WAVE RATIO OF THE WAVEGUIDE TO THE ANTENNA SYSTEM. USED WITH DIRECTIONAL COUPLER CU-245/U BUT CAN BE ADAPTED TO OTHER SYSTEMS. UNIT HAS 6/1N25 CRYSTAL DIODES AND 3 1/2" METER FOR INDICATION. ALSO INSTRUCTION MANUAL. THE CARRYING CASE IS ALUMINUM SEALED WATERPROOF AND IS OPTIONAL. CASE SIZE 9x7x5 1/2; WT: 10 LBS. NEW PRICE: LESS CASE \$11.50 WITH CASE \$14.95

WAVE METER SCOPE OSCILLATOR

AN/UPM-1 WAVEMETER-OSCILLATOR SCOPE RADAR TEST UNIT FOR 155-235MC AND 460-570MC. CONTAINS PULSE AND SWEEP GENERATOR VIDEO AMP. 3" OSCILLOSCOPE, TWO WAVEMETER TWO OSCILLATORS. POWER REQUIREMENTS: 80, 115 OR 230 VOLTS AC. 60-1000 CYCLES. SIZE: 30x21x24 WT: 150 LBS. USED \$39.50



DIFOLE ANTENNA FOR AN/UPM-1 USED \$9.95

FREQUENCY POWER METER



FREQUENCY POWER METER ME-51/UP FREQUENCY COUNTER 1100-3999. CALIBRATED TO FREQUENCY 3100 MC TO 3500 MC. HAS 0-1.5 MA; 0-25MW METER. WITH CABLES, IN METAL CARRYING CASE. SIZE: 8 1/2 x 9 1/2 x 9 1/2; WT: 18 LBS. USED \$15.00

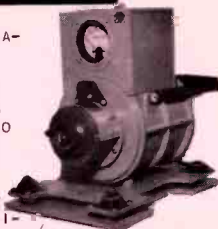
FR-4/U FREQUENCY METER

100 KHZ TO 20 MHZ IN SEVEN BANDS; PORTABLE GENERAL PURPOSE, HETERODYNE TYPE UNIT USED TO MEASURE AND CALIBRATE RECEIVERS AND TRANSMITTERS. A BLINKER LIGHT IS USED FOR MAKING ACCURATE ZERO-BEAT SETTINGS. CW RECEPTION. OSCILLATOR FREQUENCIES: 100 TO 250 KHZ (PROXY), 1250 KHZ (CRYSTAL), 10 KHZ (BLOCKING) AND 15 TO 20 KHZ (INTERPOLATION). WITH BUILT-IN OSCILLOSCOPE FOR INTERPOLATION. AUDIO POWER OUTPUT 2 MW MIN. ACROSS 600 OHMS. STABILITY .0001%, ACCURACY .001%. 115/230 V AC 50 TO 1000 HZ. SIZE: 15 1/2x19x18 WT: 100 LBS. PRICE: USED, REPARABLE \$65.00 CHECKED \$85.00



TUNED CAVITY

TS-545/UP TUNED CAVITY, DESIGNED TO INDICATE RELATIVE POWER, OUTPUT, FREQUENCY, RESONANCE, AND GENERAL EFFECTIVENESS OF A RADAR SYSTEM; RECEIVES AND TRANSMIT FROM 1150 TO 1350 MHZ PULSED. RESONANCE INDICATED BY NEEDLE DEFLECTION OF 3 1/2" ROUND 0 TO 100 DC MICROAMMETER FREQUENCY READ FROM VERNIER-TYPE DIAL. DECAY: 3.5 DB/U-SEC; SENSITIVITY: 1 DB POWER LOSS FOR 50 YARDS RING-TIME POWER REQUIRED: NONE. SIZE: 11x8x9 1/2 SHPG. WT: 40 LBS. PRICE: USED, \$49.50 TS-270 SIMILAR TO ABOVE 2630-2970 MHZ \$39.95



AN/URM-32 FREQUENCY METER: 125 KC TO 1000 MC IN THREE RANGES, CAN ALSO BE USED AS A SIGNAL GENERATOR WHICH PROVIDES A CHOICE OF MODULATED OR UNMODULATED SIGNALS FOR TESTING AND CALIBRATING RADIO EQUIPMENT. SENSITIVITY WITH AN RF OUTPUT OF .05 MW MINIMUM IS OBTAINED. ACCURACY .01%, RF 100 UV MINIMUM ACROSS EXTERNAL 50 OHM RESISTIVE LOAD. FIVE TUBE HETERODYNE TYPE, POWER REQ. 6 VDC 1 AMP. 180 VDC 25 MA., DRY BATTERY OR AC SUPPLY CAN BE USED. METER IS USED TO READ P.S VOLTAGES. W/CALIBRATION BOOK SIZE: 13 1/2x12x13 1/2; WT: 29 LBS. PRICE: USED, CHECKED, \$125.00; URM-32 WITH 115 V. 60 HZ. POWER SUPPLY, \$150.00

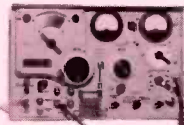


FR-6/U FREQUENCY METER 100 TO 500 MHZ, HETERODYNE TYPE COMPRISING VARIABLE TUNED INTERPOLATION OSC. ADDED TO A FIXED HARMONIC CRYSTAL OSCILLATOR. THIS METHOD ELIMINATES UNWANTED HARMONICS. AN LC TYPE AUDIO-MODULATOR MODULATES THE FILTERED AMPLIFIER IF SIGNAL AND THE AUDIO IS FED INTO THE HEADPHONE JACKS. RECEIVES CW; FUND. FREQ. RANGE 4.166-4.34 STANDARD FREQ. AVAILABLE 4.0 MHZ. STABILITY .0001%, ACCURACY .001%. WITH CALIBRATING SCALE, USES BNC CONNECTORS. REQUIRES 115/230V 50 TO 1000 HZ. SIZE: 12 1/2x19x15 WT: 60 LBS. PRICE: USED, REPARABLE \$65.00 CHECKED \$85.00

FR-5/U FREQUENCY METER; SIMILAR TO FR-6 EXCEPT 10 TO 100 MHZ. A FEW AVAILABLE. PRICE: USED, REPARABLE \$65.00 CHECKED \$85.00

F.M. SIGNAL GENERATOR

SG-12 SIGNAL GENERATOR; CW F.M. 20 TO 100 MHZ IN 5 BANDS, 9 CRYSTAL I.F. OUTPUTS, 1.4, 2.515, 2.65 2.88, 4.3, 4.45, 5.00, 5.35 15.0 PLUS 2 SPARES. RF MOD. 1000 HZ INTERNAL FM, 100-20,000 HZ EXTERNAL FM. DEVIATION, INTERNAL 0-100 KHZ 3 RANGES RF MOD. CAL. 1MHZ IN 20-50 MHZ, 2 MHZ 50-100 MHZ. EXT. MOD. 8 V. SINE, IMPEDANCE 600 OHMS. R.F. SIG. OUT. .05 TO 10,000 MICRV. I.F. .5 TO 1,000,000 MIC/V. CAL. MULTIPLIES 10 GENERATOR LOAD IMP. 80 OHMS RF, 250 OHMS IF. ACCURACY .5% DIRECT READING IF. OUTPUT METER CAL. IN MICROVOLTS. POWER REQ. 115V. 50/60CY. SIZE: 12x18x12; 75 LB. REP. \$75. CHECKED \$100



TS-148 SPECTRUM ANALYZER

TS-148/UP SPECTRUM ANALYZER; 8470 TO 9630 MHZ. PROVIDES VISUAL INDICATION OF RF OSCILLATOR SPECTRA. MAY ALSO BE USED TO MEASURE FREQUENCIES OF RESONANT CAVITIES, ECHO BOXES, MAGNETRONS AND LOCAL OSCILLATORS IN FREQ. RANGE. RECEIVES CW AND PULSED; TRANSMITS CW AND FM CARRIER WAVE. CONTINUOUSLY VARIABLE SWEEP FREQ. FROM 10 TO 30 CYCLES. MAX. SPECTRA DISPERSION 1.5 MHZ PER INCH. SENSITIVITY TO CW (SPECTRUM AMPLIFIED POSITION) -80 DB BELOW 1 WATT/IN. DEFLECTION; SENSITIVITY TO CW (SPECTRUM POS.) 55 DB BELOW 1 WATT/IN. DEFLECTION. ONE MILLIWATT POWER OUTPUT. WITH FREQ. METER, FREQ.-SWEEP RF OSCILLATOR, CRYSTAL MIXER, NARROW BAND I-F WITH TUBES 2K25, 2X2, 3BP1, 5R4, 6AC7, 6SA7, 6Y6, 3/6SJ7, 3/6SN7, 884 & 4/991. Pow. Req. 115V 60C SIZE: 19x13 1/2x25; WT: 45 LBS. PRICE: TS-148/UP USED \$39.50 UNUSED \$49.50 AN/UPM-33 COMPLETE SPECTRUM ANALYZER CONSISTING OF TS-148/UP DESCRIBED

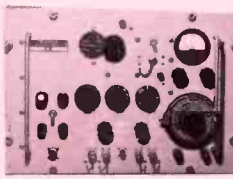
ABOVE PLUS ACCESSORY WAVEGUIDES, CABLE TRANSIT CASE, AND MANUAL. USED \$70.00 UNUSED \$80.00

SWEEP GENERATOR



AN/TRM-3 SWEEP GENERATOR PROVIDES CW, AM, OR FM SIGNALS HAVING BAND WIDTHS FROM 600 KHZ TO 160 MHZ AT CENTER FREQUENCIES IN THE RANGE 15 TO 400 MHZ. USED TO TEST, CALIBRATE AND ALIGN RF TUNED CIRCUITS. RF OUTPUT 0.1 VOLT TO .1 VOLT INTO 50 OHMS. FREQ. MARKER SPACINGS 0.2, 1.5, 20MHZ, FM SWEEP DEVIATION -2% TO -20% OF CENTER FREQUENCY, STEP TYPE VERTICAL ATTENUATOR 0 TO 60 DB IN SEVEN RANGES. POWER REQUIRED 103 TO 126 VOLTS 50-1000 HZ. SIZE 17x17x13 SHPG WT: 120 LBS USED REPARABLE \$300.00 USED CHECKED \$375.00 ACCESSORIES FOR AN/TRM-3 DA-138 50 OHM DUMMY LOAD \$7.50 MX-1983 91 OHM TO 50 OHM IMPEDANCE MATCHING NETWORK \$7.50 MX-1981 DETECTOR PROBE \$10.00 MX-1982 DC BLOCKING TEST ADAPTER \$5.00 CN-374 10DB 50 OHM ATTENUATOR \$7.50 CU-506 RF COUPLER DETECTOR \$10.00

400 TO 1000 MHZ



TS-418/U SIGNAL GENERATOR, 400 TO 1000 MHZ IN ONE BAND. GENERATES AM, CW OR PULSED CARRIER. OUTPUT VOLTAGE 0.2 TO 200,000 U-VOLTS INTO 50 OHMS. INTERNAL AND EXTERNAL MODULATION 40 TO 4000 HZ. EXTERNAL MOD. PEAK PULSE AMPLITUDE 40 TO 70 VOLTS; PULSE WIDTH 0.5 TO 20 U-SEC; POSITIVE OR NEGATIVE PULSE OR SINE WAVE SYNCH. INPUT IMPEDANCE: 10,000 OHMS SHUNTED BY 115 V; OUTPUT IMPED.: 50 OHMS. POWER REQUIRED: 115 VAC 50 TO 1600 HZ SIZE: 12 1/2x17 1/2x13 1/2 SHPG. WT: 80 LBS. PRICE: USED, REPARABLE \$95.00 USED, CHECKED \$120.00

NOISE GENERATOR



RG-52 MICROWAVE MEGAWATT NOISE GENERATOR WITH POWER SUPPLY. USED FOR THE MEASUREMENT OF NOISE FIGURE OR RECEIVER GAIN AND FOR THE CALIBRATION OF STANDARD SIGNAL SOURCES. FLUORESCENT GAS TUBE GIVES 8200 MHZ TO 12400 MHZ FREQUENCY RANGE. HAS THERMOMETER ATTACHED TO AID IN ADJUSTING THE WAVEGUIDE. THE NOISE POWER OUTPUT IS 1.8 DB. WITH AN MOUNTING FLANGE UG-39/U. POWER SUPPLY INPUT 115V. 50-60 HZ. WAVEGUIDE SIZE: 16x5 1/2x1 1/2 WT: 2 1/2 LBS. POWER SUPPLY SIZE: 11 1/2x7x7 WT: 15 LBS. PRICE: WAVEGUIDE W/POWER SUPPLY, UNUSED \$25.

TS-170/ARN-5 TEST OSCILLATOR USED FOR PRE-FLIGHT CHECKING OF GLIDE PATH RECEIVERS SENSITIVITY AND AUDIO CHANNELS. CRYSTAL CONTROLLED ON THREE PRESELECTED FREQ. 332.6, 333.8 335 MC. MODULATION FREQ. 90 & 150 CYC. METER IS 2" 0-1 DC MILLIAMETER. BATTERIES REQUIRED 2/1.5 VDC AND 2/45 VDC. WT: 29 LBS. SIZE: 12x16x12; UNUSED \$29.50



KLYSTRON POWER SUPPLY



GENERAL MICROWAVE MODEL 303 KLYSTRON POWER SUPPLY; BEAM VOLTAGE VARIABLE FROM -250 TO -400 VOLTS AT 30 TO 50 MA. MAXIMUM. REFLECTOR VOLTAGE VARIABLE FROM 0 TO -900 VOLTS @ 10 U.A. REFLECTOR VOLTAGE INTERNALLY MODULATED AT 1000 HZ SQUARE WAVES ADJUSTABLE UP TO 110 VOLTS PEAK TO PEAK. EXTERNAL MODULATION VIA FRONT PANEL TERMINAL, 100,000 OHM IMPEDANCE. SINUSOIDAL POWERLINE FREQUENCY, VARIABLE FROM 0 TO 350 VOLTS PEAK TO PEAK. POWER REQUIRED: 115 VAC 50/60 HZ. SIZE: 11 1/2x13x7 1/2 SHPG. WT: 25 LBS. WITH MANUAL (NO SCHEMATIC). PRICE: UNUSED \$45.00

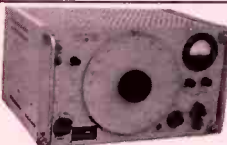
SPECTRUM ANALYZER



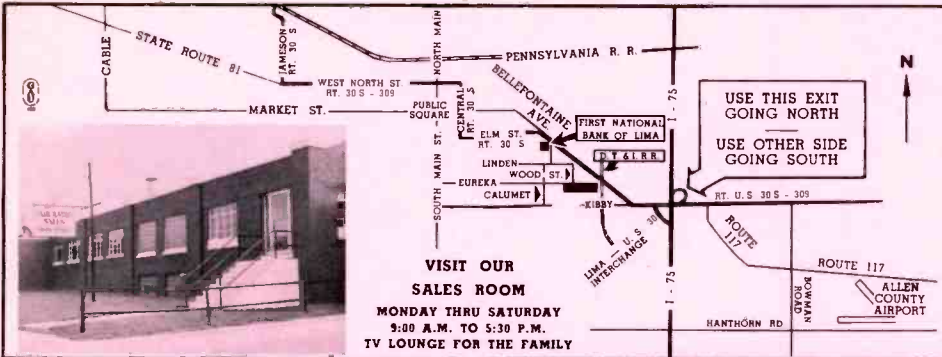
TS-723-C SPECTRUM ANALYZER USED TO MEASURE HARMONIC DISTORTION AND NOISE LEVEL IN AUDIO AMPLIFIERS. MEASUREMENTS ARE MADE IN PERCENTAGE OR DECIBELS AND NOISE IS MEASURED IN RMS OR DB VALUES REFERRED TO 1 MW ACROSS 600 OHMS (DBM). THE SPECTRUM ANALYZER CAN ALSO BE USED AS AN AC VACUUM TUBE VOLTMETER FREQ 20-20KHZ, DISTORTION LEVELS AS LOW AS 0.3% FULL SCALE. INPUT IMPEDANCE 200,00 OHMS 40 MMF SHUNT. METER RANGES: 0.03 0.1, 0.3, 1, 3, 10, 30, 100, 300 RMS VOLTS DB -30, -20, -10, 0, +10, +20, +30, +40, AND +50 VTMV FREQ RANGE 10 TO 100KHZ, VTMV INPUT IMPEDANCE 1 MEGOHM POWER REQUIRED 115/230 VOLTS 50-1000 HZ TUBES 6H6, 3/6AC7, 2/6J5, 0D3, 4/6SJ7, 5Y3, 6Y6, 19" RACK MOUNT 10 1/2x12 1/2 SHPG WT: 50 LBS. USED REPARABLE \$200.00 USED CHECKED \$250.00



TEKTRONIX TYPE OSCILLOSCOPE PLUG-IN UNITS FOR USE WITH TEKTRONIX OR LAVOIE SCOPE SERIES 530, 540, 550. SOLD AS "USED REPARABLE, COMPLETE". NOT TEKTRONIX. TYPE B WIDE BAND, HIGH GAIN \$35. TYPE D HIGH GAIN DC DIFF \$40. TYPE E LOW-LEVEL AC DIFF \$40. TYPE H WIDE BAND, HIGH GAIN DC PREAMP \$45. TYPE L FAST-RISE HIGH GAIN PREAMP \$45. ADD \$5.00 FOR TEKTRONIX MFG PLUG-INS ABOVE TEK TYPE G WIDE BAND DC DIFFERENTIAL \$45. TEK TYPE W HIGH GAIN DIFF DC-23 MHZ EXC \$175. TEK TYPE P OR 84 TEST UNIT EACH \$45.



SG-71/FCC CARRIER TEST OSCILLATOR SIMILAR TO HEWLETT-PACKARD 233A. DESIGNED TO CHECK CARRIER CURRENT SYSTEMS; 50 HZ TO 500 KHZ IN FOUR BANDS. HIGH POWER OUTPUT: 3 WATTS INTO 600 OHMS BALANCED LOAD. MAKES TESTS OVER LOOPS 100 TO 200 MILES LONG. SECOND OUT PUT OF 6 VOLTS INTO 600 OHMS AVAILABLE FOR AUDIO TESTS. WITH 0-50 DC VOLTMETER FOR OUTPUT; PROVISION FOR CARRIER MODULATION. POWER REQUIRED: 115/230 VAC 50-1000 HZ; SIZE: 17 1/2x11x15 WT: 45 LBS. PRICE: USED REPARABLE \$65.00, CHECKED \$85.00



GRAB BOX ASSORTMENT OF NEW & USED, USEABLE ELECTRONIC ITEMS. SUCH AS PARTS, ASSEMBLIES, RESISTORS, CONDENSERS, TRANSFORMERS, CHOKES, COILS, CONTROL BOXES CIRCUIT BOARDS, CHASSIS, MOTORS ETC. SOME OF THESE ITEMS MAY BE ON OR OFF THE ASSEMBLIES. PACKED IN CARTON AND THE WEIGHT WILL BE AT LEAST 50 LBS. A GOOD FILLER WHEN YOU ARE BUYING OTHER ITEMS AND YOU DO NOT HAVE ENOUGH WEIGHT TO MAKE THE MINIMUM MOTOR FREIGHT CHARGE OF 150 POUNDS. GRAB BOX NO. 75 50 LBS. \$6.00 100 LBS. \$10.00

LATE SPECIALS

SHURE MICROPHONE MODEL 520B
HIGH LEVEL CONT. MAGNETIC, 150-250 OHM IMP., WIRED FOR BAL. LINE, RECOM. WHERE LONG CABLES REQUIRED. (NO BASE) PRICE: NEW BOXED \$14.95

R-648/ARR-41 RECEIVER 190-550 KC & 2-25 MC AIRCRAFT TYPE USING THE DIGITAL READ-OUT FOR WHICH COLLINS IS FAMOUS FOR. CAPABLE OF RECEIVING CW, AM OR FSK. PRICE: REPARABLE \$125

EDDYSTONE RECEIVER (BRITISH) 19-165 MHZ, AM/FM/NBFM/CW, 6 BANDS, SQUELCH, 3 1/2 x 12 1/2" DIAL MODEL 770R USED \$350

ORIEL OPTICS EQUIPMENT
C-72-50 UNIVERSAL LAMP POWER SUPPLY
C-60-50 LAMP 1000W, MOLDER & BLOWER
F-11-20 MONO CHROMATOR 1900-15000A ONLY 1 EA. OF THE ABOVE, LOT \$1250

SPECTRA-PHYSICS HE-NE (RED) LASER
MODEL 132 1.0 MW TEM, 1 UNIT \$125



BC-906 FREQUENCY METER ABSORPTION TYPE, FOR USE IN THE 160-220 MHZ. RANGE. USED TO DETERMINE THE FREQ OF CW, MCW., PULSED AND LOCAL OSCILLATORS. ALSO USED TO CALIBRATE CHECK SENSITIVITY AND ALIGN REC. IN THE FREQ. RANGE. RESONANCE IS INDICATED BY A DIP OF THE 2 1/2" 500 MICROAMPERE READING AND THE VERNIER DIAL SETTING & ASSOCIATED CHARTS IN COVER. BATTERIES REQ. 45VDC & 1.5VD SIZE: 6 1/2 x 9 1/2 x 12 1/2; 15 LBS. USED REPARABLE \$18.95

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554	EPUT-METER/COUNTER \$65
4904	DOUBLE PULSE GENERATOR \$125
7175	DIGITAL FREQ. METER 10HZ-110MHZ \$200
7150R	EPUT-METER 0-500KHZ \$100
7360	EPUT-METER COUNTER & TIMER \$100
7370	UNIVERSAL EPUT METER 10HZ-11.5mc \$100
7580	TRANSFER OSCILLATOR 7.5MHZ-15GHZ \$196
FLUKE	
801R	POTENTIOMETRIC DIFFERENTIAL VOLTMETER 0-500VDC \$100
803	PRECISION DC-AC DIFFERENTIAL VOLTMETER \$175
803R	SAME AS ABOVE RACK MTG. \$195
301E	PRECISION DC POWER SUPPLY 1.2 TO 512 v. 0-300 MA. \$150
TELONIC:	
	HD-1A SWEEP GENERATOR 400 TO 900 MHZ W/PROV. FOR FIXED MAR. \$100
"	SPI-49-1 SWEEP GENERATOR 400-900 MHZ., PROVISION FOR MARK. \$75
"	SPI-49-2 MARKER GENERATOR \$65
"	LD5/SP2/LR4 OR PSX ANY ONE \$65
KAY ELEC: MICRO PULSER/MEGA NODE SR/RADA-PULSER SR./RADA SWEEP/MARKA-SWEEP/MEGA-NODE/ANY ONE \$50	
TEC-Inst WOBBLATOR 1500B/AM-FM GENERATOR: TOR/WOBBLATOR 1200 2-13 TV CHANNELS / ANY ONE \$45	
MEASUREMENTS: SIGNAL GENERATOR 84 TV 300-1000 MHZ. \$150	
	SIGNAL GENERATOR 65B 75 HZ TO 35 MHZ. \$175
	210B FM 148-174 MHZ. \$175
MAGNAVOX: DIGITAL PATTERN GENERATOR 100 MICSEC.-10 MICROSEC. V.D.C. \$150	
ANALAB 1100R OSCILLOSCOPE 5" WITH 700 PLUG-IN, DUAL CHANNEL DC COUPLED 10 MICROSEC. TO 50 SEC. SWEEP. \$175	
OSCILLOSCOPES OTHERS IN STOCK, SMALL QTY. WRITE	

HEWLETT - PACKARD	
200BR	AUDIO OSCILLATOR 20 HZ-20 KHZ \$60
206A	AUDIO SIGNAL GENERATOR LOW DISTORTION 20 HZ-20 KHZ \$300
212A	PULSE GENERATOR .07-10 MICSEC. \$150
330BR	DISTORTION ANALYZER 20HZ-20KHZ \$225
400C	VTVM .0001-300vac 12 RANGES \$60
400H	VTVM 1mv-300vac 12RG 10HZ-4MHZ \$125
410B	VTVM 20HZ-700MHZ, DCV 0-1000, ACV 0-300, OHMS .2-500 MEG. \$75
412A	DC VOLT-OHM AMPS. 1mv - 1000v, 1 MU - 1A, OHMS 1-1000. \$150
430C	MICROWAVE POWER METER 10mc-40Gc REC. BOLOMETER (PRICE LESS BLOM) \$50
450A	AMPLIFIER 20 OR 40 DB, 10CY-1MC \$35
460A	AMPLIFIER 20 DB 100KHZ-140MHZ \$45
523C	ELECTRONIC COUNTER 10HZ-1.2MHZ \$175
524B	FREQ. COUNTER PLUG-IN TYPE \$175
524C	" " " \$200
524D	" " " \$225
525A	CONVERTER PLUG-IN 10-100 MHZ \$75
525B	" " 100-220 " \$90
525C	" " 100-510 " \$175
526A	VIDEO AMPL. " INCR/524/10mv. \$60
500B	FREQ. METER 3HZ-100KHZ. \$50
540A	TRANSFER OSCILLATOR 10MHZ-5GHZ \$200
624C(DY)	X BAND TEST SET 8500-10,000 MHZ \$400
650A	TEST OSCILLATOR 10HZ-10MHZ \$200
686A	SWEEP OSCILLATOR 8.2-12GHZ \$400
2210(DY)	VOLTAGE-FREQ. CONVERTER (R) \$50
5381(DY)	X BAND SIG. GENERATOR, 8.6-10KMHZ \$400
GENERAL RADIO	
219K	DECADE CAPACITOR 1.1MF-.001 \$40
631B	STROBOTAC, STROBOSCOPE \$95
650A	IMPEDANCE BRIDGE \$95
546B	AUDIO FREQ. MICROVOLTER \$60
722D	PRECISION CAPACITOR 25-1150MMF \$75
BOONTON	
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160A	Q METER OSCILLATOR \$125
207	INVERTER 207E \$75
207H	" \$125



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TV-7/U TUBE TESTER



TV-7/U ELECTRON TUBE TESTER, PORTABLE DYNAMIC MUTUAL CONDUCTANCE TYPE. USED TO TEST AND MEASURE THE PERFORMANCE CAPABILITIES AND TO DETERMINE THE REJECTION LIMITS FOR ELECTRON TUBES USED IN RECEIVERS, LOW-POWER TRANSMITTERS AND IN MANY OTHER ELECTRONIC EQUIPMENT. THE TESTS MADE ARE FOR DYNAMIC MUTUAL CONDUCTANCE, EMISSIONS, SHORTS, GAS, NOISE, CONTINUITY, PILOT LAMP, ETC. TEST SOCKETS ARE FOR 10CL, OCTAL, 4, 5, 6, 7 PIN, NORVAL 9, 7 PIN MINIATURE, SUB-MINI RD. AND FLAT, ACORN, ETC. WITH SPECIAL ADAPTERS (OPTIONAL) 829, 832, 2C39 AND SUB-MINI TUBES WITH LONG LEADS CAN ALSO BE TESTED. POWER REQUIRED: 115 VOLT, 50 TO 1000 CYCLES. TUBE TEST DATA CHARTS, TEST LEADS AND PIN STRAIGHTENERS FOR 7 AND 9 PIN ARE INCLUDED. SIZE: 6 1/2 x 8 x 1 1/2; WT: 20 LBS. PRICE: USED SERVICEABLE \$19.95 CHECKED \$25.00 ADAPTER FOR 2C39 \$5; FOR 829/832 \$5; FOR SUB-MINI LG. LEAD \$3.00

COLLINS TRANSCEIVER

COLLINS 618S-1 TRANSCEIVER. 2 TO 25 MC A.M. & C.W. 100 WATTS ON TRANSMITTER, CRYSTAL CONTROL 144 CHAN. USING CR-18/U CRYSTAL HOL. SAME CRYSTAL USED FOR REC. & TRANS. CROSSBAND OPER. POSSIBLE BY CHANGING FREQ. SEL. PLUG-IN TYPE MODULE UNITS ARE USED FOR BOTH REC. & TRANS. WITH TUBES 3/5654, 2/5781, 4/5686, 1/0A2, 8/5749, 3/5726, 4/5750, 2/5814, 5/6159 AND GERMANIUM CRYSTALS 8/1N98 & 1/1N458. THE POWER WAS NORMALLY SUPPLIED FROM 28 VDC DYNAMOTOR & 115 VOLT 400 CYC. THE APPROX. VOLTAGES NEEDED FOR 60 CYCLE OPER. ARE 600 VDC, 250 VDC, -50 -65 VDC AND 6.3 V. AND 115 V. 400 CYCLE FOR THE SELSYN THAT IS MOUNTED TO THE P.A. INDUCTOR COIL. SIZE: 15 1/2 x 8 x 23 1/2; WT: 60 LBS. PRICE: USED \$85.



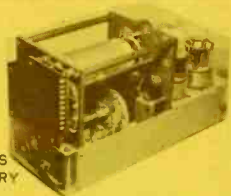
TRANSCEIVER R.F. TUNER FOR COLLINS 618S-1. THIS SUBASSY. CONTAINS 1ST & 2ND R.F. AMP, 1ST & 2ND REC. MIXER, 1ST & 2ND TRANS. MIXER, I.F. AMP, DISCRIMINATOR, MULTIPLIER AND 2 DRIVER CIRCUITS. WITH TUBES 2/5654, 3/5749, 4/5750 & 2/5686. TUNING IS DONE BY THE SLUGS MOVING IN AND OUT OF THE COILS, FREQ. RANGE 2-25 MC. SIZE: 8 x 7 x 6 1/2; WT: 10 LBS. #5821-547-5718/618S-1 PRICE: USED \$14.95



MODULATOR FOR COLLINS 618S-1. AUDIO DRIVE AND MODULATOR USES 2/6159, 1/5751, 1/5814 & 1/5726 TUBES. MODULATION TRANSFORMER INPUT 5500 OHM 300 V RMS, OUTPUT 4&5 2000 OHM 3000 V RMS 6&7 200 OHM 750 V RMS. MODULATION TRANSFORMER IS NOT PART OF THIS SUB-ASSEMBLY. SIZE: 4 1/2 x 6 x 6; WT: 4 LBS. #5821-505-3599/618S-1 PRICE: USED \$7.95



POWER AMPLIFIER 618S-1 COLLINS TRANSMITTER WITH VARIABLE INDUCTOR COIL 12.8 FT. #14 WIRE 27 TURNS, APPROX. 100 WATTS FOR 2 TO 25 MC. COIL IS ROTATED BY 115 V. 400 CYC SELSYN CONT. MOTOR, USES 3/6159 TUBES ALSO LARGE CERAMIC ROTARY SW. COILS, CHOKES ETC. SIZE: 11 x 5 x 6; WT: 10 LBS. #5821-547-3496/618S-1 PRICE: LESS TUBES \$14.95 WITH TUBES \$18.50 SCHEMATICS FOR 618S SUB-ASSEMBLIES EACH \$1.00 MATING CONNECTORS " " " EACH \$1.50



WIND MEASURING SET



AN/PMQ-3A WIND MEASURING SET: GIVES VISUAL INDICATIONS OF WIND DIRECTION THROUGH 360 DEG. AND OF WIND SPEED FROM 0 TO 60 KNOTS. THIS IS A LIGHTWEIGHT HANDHELD UNIT. THE WIND TURBINE IN THE WIND SPEED TRANSMITTER DRIVES A A.C. GENERATOR WHICH GIVES A READING ON THE 2 1/2" VOLTMETER IN KNOTS. THE ANEMOMETER WIND VANE HAS A POINTER & INDEX WHICH INDICATES WIND DIRECTION IN A CIRCULAR DIAL AND IS EQUIPPED WITH A VANE LOCKING DEVICE SO THE READING MAY BE RETAINED FOR REFERENCE. SIZE: 19 1/2 x 10 x 6 1/2; WT: NET 10 1/2 LBS SHIPPED IN STEEL CARRIAGE CASE 22 x 11 1/2 x 8, 20" PRICE: USED EXCELLENT \$45.00 MANUAL ONLY \$5 T-321 WIND TRANSMITTER & GENERATOR ONLY \$10 ML-447 WIND TAIL VANE ONLY\$ 5

ELECTRONIC MULTIMETER



TS-505/U ELECTRONIC MULTIMETER: PORTABLE VACUUM TUBE VOLTMETER AND DC OHMMETER DESIGNED TO MEASURE AC AND DC VOLTAGES AND RESISTANCE. AC METER IS PEAK INDICATING HOWEVER, IT IS CALIBRATED TO READ RMS VOLT. POWER REQ. 115 V 50-1500 CYC AND TWO 1.5 V. BATT. FOR OHMMETER SECTION. FREQ. RANGE 30 CYC TO 500 MC AC RMS VOLTS RANGES 0-2/4/10/20/40/100 & 200 DC VOLTS RANGES 0-2/4/10/40/100/200/400/1000 RESISTANCE OHMS RANGES 0-1000 MEGOHMS, 7 RANGES WITH AC RECTIFIER PROBE AND A DC PROBE. HANDLE IS USED FOR ADJUSTABLE STAND, EASY USE. SIZE: 11 1/2 x 13 x 13; WT: 20 LBS. PRICE: USED SERVICEABLE \$35.00 CHECKED \$40.00

F S K MODULATOR

MD-203/GR MODULATOR FOR TRANSMITTER. PROVIDES FOR CONVERSION OF CW SIGNALS INTO FREQ. SHIFTED RADIOTELETYPE SIGNALS BY INTRODUCING SELECTABLE AMTS. OF FREQ. SHIFT INTO THE EXCITER CIRCUIT OF THE TRANS. SHIFT MAGNITUDE 850, 425, 212 OR 106 CYCLE SEL. MANUALLY FROM FRONT PANEL. DESIGNED FOR USE WITH T-195/GRC 19 TRANS. CAN BE USED WITH ANY TRANSMITTER HAVING AN EXCITER OUTPUT WITH A FUNDAMENTAL FREQ. RANGE OF 1.5 TO 3 MC. AND A MINIMUM OUTPUT OF 1 VOLT. POWER REQ. 27.5 VDC @ 1.8 AMPS WITH TUBES 1/26A7, 5/26A6 AND 1/2606. SIZE: 9 1/2 x 7 1/2 x 13 1/2; WT: 25 LBS. PRICE: USED \$19.95



FSK CONVERTER


CV-278 FREQUENCY SHIFT CONVERTER USED TO CONVERT FREQUENCY SHIFT SIGNALS TO NEUTRAL OR POLAR MARKING OR DC IMPULSES. THE FREQ. SHIFT-KEYED (FSK) SIGNALS ARE RECEIVED FROM THE I.F. OF THE RECEIVER WITH A RANGE OF 450 TO 500 KC AND ARE CONVERTED TO DC IMPULSES AND USED FOR OPERATION OF TELETYPEWRITER OR REPERFORATOR MACHINES. CRYSTAL CONTROL BAND WIDTH 1500 CPS. WITH TUBES 2/26A6, 1/26A7, DIODES 1/1N63, 2/1N69. VOLTAGE REQ. 28 VDC @ 2.0 AMPS. SIG. INPUT METER 0-100 & DISC. 50-0-50 1-3/4" MICROAMP. SIZE: 9 1/2 x 13 1/2 x 7 1/2; WT: 23 LBS. USED \$24.50 CONNECTOR PLUGS FOR INPUT OR OUTPUT \$2.00



AUTO-RACE-PACK BY VARNEY. TOY TRANSFORMER USED TO POWER MINIATURE SLOT-CAR RACERS. 115 VOLT 60 CYCLE INPUT WITH A 12 VOLT DC ONE AMP. OUTPUT. INCLUDES TWO CIRCUITS, ON-OFF SWITCH, AND 5 1/2 FT. CORD. SIZE: 5 x 3 1/2 x 2 1/2; WT: 3 LBS. PRICE: \$2.95




FAIR RADIO SALES




100-0-100 DC VOLT
300-0-300 DC VOLT
SCALES WITH SHUNTS
AND INSTRUCTIONS
3 1/2" GE-DO-41BAA4
NEW \$4.95




500 MICROAMP DC
MOVE. FACE MARKED
"SET TO RED LINE"
LINE LEFT CENTER
MARKED "150 V" TOP
"150 V" BOTTOM.
3 1/2" ROUND SEALED, RUGGEDIZ.
TELECTRO TM-263.
#6625-255-0121 NEW \$6.95




425 MICROAMPE-
RES D.C. 4x4 1/2
SCALE, TOP 0-60
BOTTOM 0-3/15/
60 MARKED ACV
DCV AND MILLI-
AMPERES.
P/O 1-135E TEST SET, M-1
#P30033
USED \$6.95




0-1 MADC SCALE,
1 1/2" SQUARE, SEALED
RUGGEDIZED.
MARION ELECTRIC.
#MR13W001D0MA
RE-MOVED NEW \$4.95



PHAESTRON
CLEAR PLASTIC
CASE 50 MICRO
AMP D.C. 0-5
SCALE 3 1/2"
#715-16-20
\$4.95 NEW




500 MICROAMPS.
D.C. RES. 300
OHM DC. 1 1/2" SQ.
1-3/8" MTG.
DEJUR MOD. 112
STK #3F3312-6.6
\$4.95




SELSYN METER
FOR CHECKING
LEAD AND LAG.
TERMINALS FOR
115 VOLT A.C.
AND FROM SEL.
SYN. 4 1/2" DIA.
WESTON 543/245620 U \$6.95



MULTIMETER USED
TO TEST AIRCRAFT
CIRCUITS. FULL-
SCALE 100 UA,
1100 OHMS 10%
4x4 1/2x5 WT. 3 LBS
USAF-5200-474900
\$4.95




MICROMHOS DYNAMIC
MUTUAL CONDUCTANCE
USED IN I-177 TUBE
CHECKER BASIC 0-1.4
MA. HICKOK #M547A
STK # 3F1350 \$4.95



INTERNATIONAL
SCALE 0-5/25 FS-
200 UA, 1 1/2" HOLE
MTG. MARK VDS X
1000 \$2.95 NEW
#6625-519-7432

DECIBELS




-8 TO 0 TO +6 SC.
FS-3.79 VAC, 3 1/2" RD
WEST #BA-33543
USED \$3.95


-8 TO 0 TO +6 SC.
6 MILLIWATTS, 600
OHMS, 3 1/2" RD. WESTON 301/21
USED \$3.95

-10 TO 0 TO +6 6 MW 600 OHM
3 1/2" RD RECTIFIER TYPE; WESTON
301/61; #4087 NEW \$4.95


POWER SET +6 TO 0 TO -3
2 1/2" RD. FS-200 UA, WAFLINE
1496/400 RUGG/SEAL U \$3.95




WARNING TYPE
RED KNOB IN FRT.
CONTROLS RED
POINTER WHICH
MAY BE SET ANY
WHERE ON THE DIAL. IF
THE CURRENT FALLS TO THIS POINT
IT CLOSSES A CONTACT THAT
CAN ACTUATE THE WARNING DE-
VICE SUCH AS RELAY, BELL ETC
PLASTIC CASE 2 1/2" FACE. N.M.
#23399 0-1 DCMA
#23665 0-100 DC MICROAMPS.
USED \$8.95 SPECIFY TY




TS-352
MULTIMETER
REPLACEMENT
METER 4 1/2"
FULL SCALE 50
MICROAMPERES.
RUGGEDIZED SLT
SCALES 0-3000 OHMS, 0-2.5/
5/10 D.C., 0-2.5/5/10 A.C.
#6625-669-0345 NEW \$8.95
MX-8158/U MULTIPLIER KIT
FOR TS-352 MULTIMETER \$3.



ROENTGENS
PER HOUR METER
50 MICROAMPERE
D.C. FULL SCALE
3 1/2" RUGGEDIZED
REMOVABLE
PLASTIC LENSE,
BLACK FACE.
TOP SCALE 0-500, LOWER 0-10
#300-10764 UNUSED \$3.95



BALLETINE
V.T.V.M.
METER
ONLY
AC VOLTS
1-10
DECIBELS
0-20
WESTON 643
4 1/2" OR EQ.
MFG. PT. NO. 205007 NEW
STK #6625-557-0899 \$8.95



0-100 D.C. MA
270 DEG. SC.
3 1/2" FS-100MV
WITH SHUNT
WESTON 1539
#6625-839-
0626
P/N206-1783-
56 NEW \$7.95

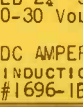


EDGE-WISE METER
0-100 D.C. MA.
FULL SCALE 20 MA
2 1/2x3x3/4 FACE
INTERNATIONAL 1135ULB \$5.95



MATCHED METERS CHROME PLAT
ED 2 1/2" SQUARE, 2" HOLE MTG.
0-30 VOLTS DC #1046A-12
\$1.95
DC AMPERES 400-0-400 SCALE
INDUCTION TYPE MOVEMENT.
#1696-1B \$1.95

A.C. AMPERES



GE AC AMMETER 0-
125 SCALE 0-1 A
400 CYCLE MOVE. 2"
sq. #2319-6625-
649-1982 NEW \$3.95

0-5 AC AMMETER, 3 1/2" ROUND,
RUGGEDIZED; WESTON 1534
#6625-649-4076 NEW \$5.95

0-150 ACA SIMPSON NEW
MODEL 56 3 1/2" RD. \$5.95
MODEL 57 3" sq. \$5.95

OTHER SCALES AVAILABLE,
ADVISE US OF YOUR NEEDS.

1016 E. EUREKA
BOX 1105, LIMA, OHIO 45802
TEL: AREA CODE 419 223-2196
STORE HOURS
9:00 A.M. TO 5:30 P.M.
MONDAY THRU SATURDAY

TERMS
PRICES NET, F.O.B. LIMA, OHIO
SEND CASH, CHECK or MONEY
ORDER with PURCHASE ORDER.
MINIMUM ORDER \$3.00.
Orders less than \$3.00
ADD \$.50 HANDLING CHARGE.

Include sufficient money for
shipping charges. (UNUSED
PAYMENTS RETURNED AT
ONCE.) Otherwise we will send
shipping charges collect.

C. O. D. ORDERS. SEND 25% of
PURCHASE with ORDER. BAL-
ANCE will be COLLECTED
UPON DELIVERY.
When writing for information
PLEASE state what specific
information you desire.

D.C. MICROAMPS.



0-200 D.C. MICRO-
AMPERES, 3 1/2"
ROUND. CENTER ADJ
USTMENT. USED
WE #167807 \$4.95


0-300 D.C. MICROAMPERERS
2 1/2" ROUND, RUGGEDIZED, BLK
FACE, HICKOK 56R.
#6625-668-9286 NEW \$4.95

100-0-100 D.C. MICROAMPERES,
3 1/2" ROUND, RUGGEDIZED, WHITE
FACE; #6625-683-9592
NEW \$5.95

1-3/3-10 MICROVOLT AND 5-
50 % MODULATION SCALE, FS-
100 MICROAMP. 2 1/2" ROUND RUG
GEDIZED. GAR260/219 N \$4.95

OTHER SCALE AVAILABLE.
ADVISE US OF YOUR NEEDS.

D.C. AMPERES



DC AMPERES 3 1/2"
0-300 SCL USE W/
SHUNT 50 MV/200 A
WESTON-M-643 ORD#
173030 \$6.95

0-15 DCA SCALE, 2 1/2" SQUARE,
SIMPSON #127; 6625-813-5691
NEW \$3.95

0-30 DCA SCALE, 2 1/2" ROUND
TRIPOLET 221T/3F1030-22
NEW \$3.95

0-5 DCA SCALE, 2 1/2" SQUARE,
EMICO RF2C-2202; #6625-909-
0433. NEW \$3.95

0-150 DCA SCALE, 2 1/2" RD.
FS=15 MA. MOVEMENT.
WEST. #12058528 USED \$1.95

OTHER SCALES AVAILABLE,
ADVISE US OF YOUR NEEDS

1-139 TEST
METER FOR
SCR-522 RADIO
USED FOR ALIGN-
MENT & SETTING
CHANNELS
0-1 MA
METER
WITH CORD & PLUG.
SIZE: 3x3x2 WT: 2LB. \$6.95

D.C. MILLIAMPS.

0-200 MADC SCALE, 2 1/2" ROUND
DEJUR S-210/MR25200DCMA
USED \$2.95

0-200 MADC SCALE, 3 1/2" ROUND
GE#00-41/CG-22063
NEW \$4.95

0-200 MADC SCALE, 3 1/2" SQUARE
WESTON 301/9237
NEW \$4.95

0-15 MADC SCALE WITH EXT.
SHUNT SUPPLIED FOR 0-300 MA
DC SCALE, 3 1/2" ROUND.
SIMPSON #3F901E5 NEW \$5.95

0-80 MADC SCALE, 2 1/2" ROUND;
RUGGEDIZED; HICKOK OR MARION
MFG. #6625-539-8274
NEW \$4.95

0-5/10/50 GRID BIAS VOLT SC
0-1 MA. MOVE. D.C. RUGGEDIZ
VARIOUS MFG. #MEB-1001 \$3.95

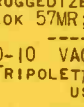
0-500 MADC SCALE, 2 1/2" ROUND
VARIOUS MFG.
NEW \$5.95

0-50 MADC SCALE, 3 1/2" ROUND
WESTON 301
USED \$4.95

0-25 MADC SCALE, 0-1 MA.
MOVE. RUGGEDIZED, BLK, FACE
WESTON #1521/GA-52832
USED \$4.95

3 1/2" ROUND RUGGEDIZED MA DC
METERS. NEW. SELECT RANGE:
0-100 MADC #4265 \$5.95
150-0-150 MADC #3498 \$5.95

0-1.0 MA DC SCALE; 3 1/2"
ROUND; RUGGEDIZED; VARIOUS
MFG.; #6625-649-2710
NEW \$6.95



DC MILLIAMPER 2 1/2"
0-15 & 0-300 SC.
0-300 SC. USE EXT.
SHUNT .35 OHM
USED W/BC-669
VARIOUS MFG. STK #3F930-14
\$4.95

A.C. VOLTMETERS

0-150 VAC 400 cyc. 2 1/2" RD.,
RUGGEDIZED BLACK FACE; HICK-
KOK 57MR; #7702; NEW \$4.95

0-10 VAC SCALE, 2 1/2" ROUND
TRIPOLET #232/CT0-22079
USED \$2.95

0-3-10-30-100 VAC SCALES(4)
2 1/2" ROUND, RUGGEDIZED, SEAL
ED, FS=1.5 VAC #210-07231
UNUSED \$4.95

0-300 VAC SCALE, 2 1/2" ROUND
WESTON RUGGEDIZED, DIRECT
READING. #3F8300-72 N. \$3.95

WESTON VAC SCALES, 3 1/2" RD.
0-10 0-50 0-75 0-80
MODEL 301/476 SPECIFY RANGE
DESIRED. USED \$4.95

0-50 V 1000 CYC. SCALE, 3 1/2"
ROUND GE#VAT4M50
USED \$4.95

MANY OTHER RANGES IN STOCK
0-1 TO 0-50, 3 1/2" RD OR SQ
ALSO 2 1/2", SPECIFY SIZE &
RANGE: 2 1/2" USED \$2.95; NEW
\$3.95; 3 1/2" " \$3.95 N \$4.95

380 TO 420 CYCLES SCALE,
115 VOLT COILS, 5 1/2" ROUND,
FOR USE WITH EXT. REACTOR.
WESTH.#DY/724979 USED \$7.95

0-150-300 VAC 400 CYC, 3 1/2"
RD., RUGGEDIZED, WESTON 1534
EXTERNAL RES. FOR HIGH RANGE
#6625-851-7278 NEW \$5.95

D.C. VOLTMETERS

0-50 VDC SCALE, 2 1/2" ROUND,
MARKHAM, RUGGEDIZED SEALED
MR265050DCV UNUSED \$3.95

0-20 VDC SCALE, 3 1/2" ROUND,
RUGGEDIZED; WAFLINE 3044;
#6625-580-9626 NEW \$5.95

0-15 AC-DC VOLTS SCALE, 2 1/2"
ROUND, VARIOUS MFG.
D.C. TYPE IS-122 USED \$2.95

0-75 VDC SCALE, 3" RD. PROJ
ECTION TYPE, WESTON 301
1000 OHMS PER V. #248-7207
NEW \$5.95

0-1.5 VDC SCALE, 2 1/2" ROUND
PHASTRON, RUGGEDIZED #683-
9729 UNUSED \$4.95

0-500 VDC SCALE, 3 1/2" SQUARE
HONEYWELL #231-1624
UNUSED \$5.95

0-2 KVDC SCALE, 2-1/2" SQUA-
RE, FS=1 MA. 1000 OHM P/V
WESTON #506/668-9743 \$4.95N

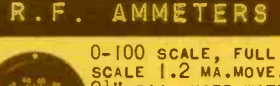
0-50 VDC SCALE, 4x4 1/2 SQUA-
RE 1000 OHMS P/V SIMPSON DRA#
38546 USED \$5.95

0-100 VDC SCALE, 3 1/2" ROUND
FS=100 V. BURLINGTON #431/
MR35W USED \$4.95

0-150 VDC SCALE, 3 1/2" ROUND
GENERAL ELECTRIC DO-41
USED \$4.95

0-300 VDC SCALE; 2 1/2" ROUND;
RUGGEDIZED; BLACK FACE;
WAFLINE 82056 NEW \$4.95

0-15 & 0-600 VDC SCALE, 2 1/2"
ROUND, FS=1MA. VARIOUS MFG.
PC-90609C/3F6299 NEW \$3.95



FRAHM FREQUENCY METERS
3 1/2" ROUND; 100-150 VOLTS

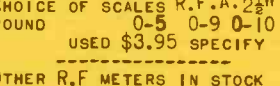
58-62 CYCLES; CALIBRATED TO
1/2 CYCLE; 3 1/2" DEEP; #4966
NEW \$12.95

48-52 and 58-62 CYCLES;
CAL. TO 1 CYC. 3 1/2" DEEP;
#4959 NEW \$15.00

380-420 CYCLES; CALIBRATED
TO 2 CYC. 2 1/2" DEEP; #FAM-400
USED \$8.95

JBT 58-62 CYCLES; CAL. TO
1/2 CYC. 100-130V.; 3 1/2x2 1/2" RD.
#34-FX-11-Z NEW \$9.95

R.F. AMMETERS



0-100 SCALE, FULL
SCALE 1.2 MA. MOVE.
2 1/2" DIA. USED WITH
BC-604/684.
GE-DW-52 3F910-7
USED \$1.95
NEW \$2.95
WESTON USED \$2.95 NEW \$3.95
THERMOCOUPLE FOR DIRECT
READING SCALE \$1.00

0-150 RF MA SCALE, 2 1/2" ROUND
SIMPSON, RUGGEDIZED 3F917-
66/6625-668-5848 NEW \$5.95

SAME AS ABOVE WESTON \$6.95

0-20 R.F.A. SCALE, 3 1/2" ROUND
GE-DO41/CG-22037 USED
\$4.95

CHOICE OF SCALES R.F.A. 2 1/2"
ROUND 0-5 0-9 0-10
USED \$3.95 SPECIFY
OTHER R.F. METERS IN STOCK
SPECIFY SIZE AND RANGE.



R-394/U RECEIVER F.M. 152-172 MC. SINGLE CHANNEL CRYSTAL CONTROL DUAL CONVERSION, CRYSTAL FREQ. RANGE 24.033 TO 27.7 THIRD OVERTONE, TYPE CR-32/U, I.F. FREQ. 7.8 MC & 455 KC. 15 KC DEVIATION, OUTPUT IMPEDANCE 8 OHMS, POWER 6 WATTS, SQUELCH AND MUTING CIRC. MODULAR CONSTRUCTION WITH PLUG-IN UNITS FOR EASY SERVICING.

1ST R-F AMPL. UNIT w/TUBES 1/5840 2/1AD4.....LOCAL OSCILLATOR UNIT w/TUBES 2/1AD4, 1/5678, 1/VR31-5783

.....1ST I-F 7.8 MC UNIT w/TUBES 3/5678.....2D I-F AND DISCRIMINATOR UNIT WITH TUBES 7/5678.....AUDIO AND SQUELCH UNIT WITH TUBES 3/5678, 1/5672, 1/6AK6 ALSO 455 KC SELECTIVE FILTER UNIT WHICH IS WIRED, NOT PLUG-IN. ILLUSTRATION SHOWS THE PLUG-IN UNIT AND THE COMPARTMENT WHERE THE POWER SUPPLY IS ALSO PLUGGED INTO. COVER IS SUPPLIED AND HELD IN PLACE BY A SPRING LOADED FASTNER.

POWER SUPPLIES, CONNECTOR, CONTROL UNIT AND OTHER ITEMS THAT ARE USED WITH THIS SET ARE LISTED ELSEWHERE ON THIS PAGE.

SIZE: 8 1/2 x 5 1/2 x 14 1/2; WT: 19 LBS.

PRICES: USED GOOD CONDITION.....\$14.95
GOV'T RE-CONDITIONED..... 22.50



R-257 OR R-394 RECEIVER CHASSIS ONLY LESS ALL PLUG-IN UNITS AND FILTERS, WITH CONNECTORS & COVER. SHPG. WT: 10 LBS. USED \$4.95

R-257 OR R-394 RECEIVER PLUG-IN UNITS ONLY

MX-1547 RECEIVER RELAY SUBASSEMBLY \$4.95

1ST R.F. AMPL. w/TUBES 1/5840, 2/1AD4 \$3.95

LOCAL OSCILLATOR w/TUBES 2/1AD4, 1/5678 \$4.95

1/VR31-5783 & CRYSTAL. (NO CRYSTAL CHOICE)

2ND I.F. AND DISCRIMINATOR w/ TUBES 5678 \$3.95

1ST I.F. 7.8 MC. w/TUBES 3/5678 & CRYST \$4.95

AUDIO & SQUELCH w/TUBES 3/5678, 1/5672 AND 1/6AK6 \$3.95

SELECTIVE FILTER 455 KC. (NOT SHOWN) \$2.95



C-845/U RADIO SET CONTROL USED WITH R-394, R-257 RECEIVERS AND T-208, T-278 & T-417 TRANSMITTERS. CONTAINS A 3 TUBE MICROPHONE AMPLIFIER WITH A LINE LEVEL METER THAT ENABLES YOU TO ADJUST THE SIGNAL SO THAT IT WILL BE STRONG ENOUGH TO MODULATE THE TRANS. AFTER PASSING THROUGH THE INTEP. 600 OHM LINE.

HEAVY DUTY 4" SPEAKER IS PROVIDED FOR MONITORING THE RECEIVER. HAS TCNE GENERATOR FOR SIGNALING PURPOSES, SPEAKER VOL. CONT. PILOT LIGHTS FOR POWER AND TRANSMIT. REQUIRES UG-77 PLUG FOR MIC. & PHONE SUCH AS ON H-33/PT HAND SET. (REQUIRES 155VDC 5MA, 160VDC 15MA & 6.3V) PP-846/U 115/230 V. 60 CYC POWER SUPPLY WAS DESIGNED FOR USE WITH THIS UNIT AND MOUNTS INSIDE AND IS AN OPTIONAL ITEM.

SIZE: 8 1/2 x 13 1/2 x 13 1/2; WT: 20 LBS. TUBES 2/12AU7-6AK6

PRICE: USED WITH PP-846 POWER SUPPLY \$29.50



R-257 RECEIVER 25 TO 50 MC FM SAME AS R-394 RECEIVER ONLY DIFFERENT FREQUENCY RANGE. USES ALL THE SAME ACCESSORIES POWER SUPPLIES, TUBES ETC. SAME SIZE AND WEIGHT.

USED \$14.95



VIBRATOR TYPE POWER SUPPLIES FOR USE WITH R-394 & R-257 RECEIVERS. THE OUTPUT OF THE SUPPLIES ARE THE SAME AND ARE

155 VOLTS DC @ 15 MA.
150 " " @ 5 "
140 " " @ 50 "
-40 " " @ .5 "
6.3 " " @ .45 AMPS.
6.3 " " @ 1.0 "
1.4 " " @ 1.25 "

PP-867/U 24 VOLTS DC @ 1.1 AMPS USED \$4.95

PP-868/U 12 " " @ 2.0 " " 9.95

PP-869/U 6 " " @ 3.7 " " 6.95

PP-846/U 115/230 V 60 CYC 2 AMPS " 18.95

PP-804 115/230V. 60 CYCLE AC POWER SUPPLY FOR T-417, T-208 AND T-278 TRANSMITTERS. USED \$29.95



CY-938 ELECTRICAL EQUIPMENT CABINET; USED TO HOUSE RECEIVERS R-394 OR R-257, TRANSMITTERS T-208 OR T-278 AND POWER SUPPLIES DY-93 OR DY-98 OR DY-100 FOR THE TRANSMITTERS.

THE UNITS SLIDE IN THE CABINET AND ARE HELD IN PLACE BY A HEAVY TWIST LOCK FASTENER. ELECTRICAL CONNECTIONS ARE MADE THRU THE PLUGS WHICH IN TURN ARE WIRED TO TERMINAL STRIPS BEHIND THE BULKHEAD. CABINET CAN BE MOUNTED IN ANY POSITION AND HAS A REMOVEABLE COVER FRONT AND BACK. (ILLUSTRATION SHOWS CABINET EMPTY AND WITH UNITS IN PLACE.)

SIZE: 17 1/2 x 11 1/2 x 25; WT: 33 LBS.

PRICES: USED \$7.95 UNUSED \$9.95



T-208/U TRANSMITTER F.M. 25 TO 50 MC 25 WATTS. SINGLE CHANNEL CRYSTAL CONTROL, 15 KC DEVIATION, VOICE ONLY TRANSMISSION. CRYSTAL UNIT CR-27/U, FREQ RANGE 1,562.5 TO 3125 KC. X 16 FOR ALL FREQUENCIES. 100 MV CARBON MIC. WITH TUBES 3/2E24, 1/3B4, 2/5672 4/5678 & 3/1AD4.

VOLTAGES REQUIRED ARE AS SHOWN WITH DYNAMOTORS DY-93/12 V, DY-98/24 V. DY-100/6 V.

SIZE: 8 1/2 x 4 1/2 x 14 1/2; WT: 11 LBS. USED \$29.95

C-844/U CONTROL UNIT FOR OPERATION OF RADIO SET FROM REMOTE POINT. USED \$14.95



C-847 RADIO CONTROL BOX; USED TO CONTROL THE SYSTEM, HAS HEAVY ALNICO MAGNET 4" SPEAKER FOR MONITORING REC. CONTROLS FOR SQUELCH, VOLUME ON/OFF SW. PILOT LIGHTS AND RECEPTACLE FOR H-33 HANDSET WHICH HAS UG-77

SIZE: 9 1/2 x 5 1/2 x 3 1/2; WT: 6 LBS. USED \$8.95

H-33/PT HANDSET WITH CORD & UG-77 " 5.95



T-278/U TRANSMITTER F.M. 152 TO 174 MC APPROX. 30 WATTS, CRYSTAL CONTROL ON ANY TWO (2) PRESET FREQ. PHASE SHIFT MODULATION 15 KC DEVIATION, CR-27/U CRYSTAL UNIT FREQ. RANGE 4750-5437.5 KC. MULTIPLIED 32 TIMES. WITH TUBES 2/3B4, 3/2E24, 4/5678, 2/5672 AND 2/1AD4.

VOLTAGES REQUIRED AS SHOWN WITH DY-93 DYNAMOTOR ELSEWHERE ON THIS PAGE. USED \$18.95

SIZE: 8 1/2 x 4 1/2 x 14 1/2; WT: 12 LBS. UNUSED \$24.95

T-278 TRANS. LESS TUBES AND CRYSTAL OVEN \$6

CHASSIS CONNECTORS TO FIT R-394, R-257, T-416 T-278, T-208 & SUPPLIES

TRANSMITTER PLUG P-401 CHASSIS CONNECTOR NO'S J-801, CANNON# DPD-A32C2-33S-2L \$2.50

RECEIVER PLUG R-252; CHASSIS CONNECTOR NO'S J-803, CANNON# DPD-A31C1-33S-2L \$2.50

POWER SUPPLY PLUG P-1203; CHASSIS CONNECTOR NO'S J-802, CANNON# DPD-30-33S-22 \$2.50

UG-77 PLUG ON 4 1/2 FOOT CORD.....\$1.00

H-33/PT HANDSET ON 4 1/2' CORD WITH UG-77 U 5.95



DY-93 DYNAMOTOR POWER SUPPLY

INPUT: 12 VDC @ 20 AMPS.

OUTPUT: 380 VDC @ 180 MA.

225 VDC @ 45 MA.

-25 VDC @ 5 MA.

USED WITH T-208 & T-278 TRANS.

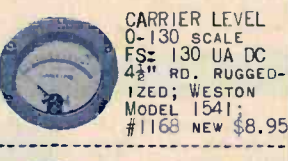
SIZE: 8 1/2 x 7 1/4; WT: 27 LBS.

PRICE: USED \$9.95

CX-234! CABLE FOR CONNECTING CONTROL BOX TO CABINET (NO PLUGS ON THIS CABLE) 50¢ PER.FT.



MULTIMETER SCALES 0-2 OHMS, 2-1M OHM, 0-3 VDC, AND 0-150 VAC. FS= 100 UA DC; 4 1/2" RD. RUGGEDIZED; LYCOMING 410-11177 #6625-773-1851 NEW \$8.95



CARRIER LEVEL 0-130 SCALE FS= 130 UA DC 4 1/2" RD. RUGGEDIZED; WESTON MODEL 1541; #1168 NEW \$8.95

CX-237I CABLE ASSEMBLY USED FOR CONNECTING R-394, R-257, T-208, T-278, T-416 OR OTHER UNITS OF THIS SERIES TO THE CABINETS SO THEY CAN BE TESTED OUTSIDE OF THE CABINET. LENGTH 7 FT. 3LBS. \$10.00

0-100 SCALE, LEVEL SET, 3 1/2" FULL SCALE 100 MICROAMP. RUGGEDIZED #7808 NEW \$6.95

D.C. AMPERES 0-100 & 0-200 SCALE, 3 1/2" FULL SCALE 50 MV RUGGEDIZED #5338 NEW \$6.95



GO - NO GO SCALE FULL SCALE 1 MA. 3 1/2" RD. RUGGEDIZED; MARION MODEL HS3. #5200 NEW \$5.95

RECEIVER 105 TO 190 MC



R-516/URR-27 RECEIVER U.H.F. 105 TO 190 MC CONTINUOUS TUNING OVER THE ENTIRE RANGE, CRYSTAL CONTROL ON ONE PREDETERMINED FREQUENCY, AM, MCW & TONE RECEPTION, 18.6 MC, IF WIDTH. SCANNING PROVISIONS

FOR PAN-ADAPTER 600 KC BANDWIDTH, INPUT IMP. 51 OHMS, AUDIO 60 MW INTO 600 OHM OR 600 MW INTO 60 OHM, PHONE JACK 60 MW MAX. INTO 600 OHM. BENCH OR RACK MOUNTING. POWER REQ. 115 V. 60 CYCLE. SIZE: 8 1/2 x 17 1/2 x 19 1/2; 65 LBS. PRICE: USED SERVICEABLE \$125.00 CHECKED \$25.00 EXTRA.

0-50 A.C. AMPERES SCALE 2 1/2" FULL SCALE 47 MA. USED ROBERTS 423-74R1 \$3.95

0-140 A.C. VOLTS SCALE 2 1/2" FULL SCALE 1 MA. USED ROBERTS 422-4086 \$3.95

0-5 A.C. AMPERES SCALE 2 1/2" RUGGEDIZED, WESTON 1524 #0890-MR26W005ACAAR \$4.95

0-150 AND 0-500 VOLTS D.C. SCALES, CLEAR PLASTIC FACE METAL BACK, 2 1/2" A1617B \$2.95

0-150 D.C. MILLIAMMETER 2 1/2" CLEAR PLASTIC FACE METAL BACK ANKER#1617 NEW \$2.95

0-50 D.C. MILLIAMPERES EDGE-WISE 1 x 3 1/2" DEPTH 3" IDEAL#458-0667-00 NEW \$4.95

FACE MARKED SCALE NO.1 NO.2 FULL SCALE 1 MA. D.C. 2 1/2" RUGGEDIZED #0801 NEW \$3.95

POWER SUPPLY METER w/5%, 10% AND 20% SCALE. FS= 50 UA DC. 4 1/2" RD. RUGGEDIZED. WESTON 1541; #S71449 NEW \$7.95

0-150 DC AMMETER; FS= 50 MV; 3 1/2" sq.; SHUNT EXTERNAL; GE TYPE DO-91; #124-2095-000 NEW \$8.95

VSWR SCALE: FS= 50 UA DC. 3 1/2" RD. RUGGEDIZED; HICKOK MODEL 46R; #835-7082 NEW \$5.95

FULL SCALE= 1 MA 3 1/2" RD. RUGGEDIZED; MARION MODEL HS3X; #0350 NEW \$5.95

BC & ARC COMMAND SETS

THE COMMAND SET SERIES OF TRANSMITTERS AND RECEIVERS HAVE BEEN POPULAR FOR MANY YEARS ON THE SUPPLUS MARKET.

THE SERIES CONSISTS OF SEVERAL SEPERATE UNITS COVERING THE FREQUENCY RANGE OF 190 KC TO 9.1 MC FOR THE RECEIVERS AND 2.1 TO 9.1 MC FOR THE TRANSMITTERS.

IF YOU ARE NOT FAMILAR WITH THE CONVERSION OF THIS EQUIPMENT IT IS SUGGESTED THAT YOU PURCHASE CONVERSION MANUAL COVERING THE SET.

CQ SURPLUS CONVERSION MANUAL, WHICH INCLUDES COMMAND SETS IS AVAILABLE FROM US FOR \$3.00 (FOR OTHER CONVERSION MANUALS SEE PAGE 21

THE RECEIVERS ARE SIX TUBE SUPERHETRODYNE WITH THE FOLLOWING TUBE LINE-UP; 1/12A6, 1/12K8 3/12SK7 & 1/12SR7.

DESIGNED TO OPERATE WITH THE USE OF A DM-32 24 VOLT D.C DYNAMOTOR WITH A OUTPUT VOLTAGE OF 250 VDC @ 60 MA. ALSO REQUIRES 24 VOLTS FOR FILAMENTS. THE SET WAS TUNED FROM A REMOTE POSITION BY THE USE OF A FLEXIBLE SHAFT AND CONTROL BOX. SIZE: 5x5x11; WT: 12 LBS.

BC-453 190 to 550 KC USED \$16.95

BC-455 6.0 to 9.1 MC USED 14.95
R-25/ARC 1.5 to 3.0 MC UNUSED \$22.95

R-28/ARC-5 100 to 156 MC CRYSTAL CONTROL ON FOUR PRE-SET CHANNELS WITH 24 VDC MOTOR, NOT CONTINUOUS TUNNING. USES SAME VOLTAGE BUT DIFFERENT TUBES. SEE CONVERSION MANUAL FOR DETAILS TO MAKE CONTINUOUS TUNING. USED \$18.95

THE TRANSMITTERS WITH PROPER USE CAN PUT OUT 50 WATTS CW AND 30 WATTS ON PHONE. MODULATION IS OBTAINED FROM SEPARATE UNITS, BC-456 FOR SINGLE TUBE MOD. AND MD-7 FOR PUSH-PULL MOD.

THE DM-33 DYNAMOTOR IS USED TO SUPPLY THE VOLTAGES AND IS MOUNTED ON THE MODULATOR. VOLTAGES REQUIRED 575-600 VDC @ 175-200 MA. AND 24 VOLTS. WITH TUBES 2/1625 1/1626 & 1/1629 MAGIC EYE TUBE FOR TUNING AND CRYSTAL FOR CALIBRATION. SIZE: 5x7x12; 12LE

CBY 52232 NAVY TRANS. 2.1 TO 3 MC NEW \$14.95

BC-696 3 to 4 MC GOVT RECONDITIONED 14.95

T-20/ARC-5 4.0 TO 5.3 MC USED \$6.95 NEW 9.95

T-21/ARC-5 5.3 TO 7.0 " " 6.95 NEW 9.95

T-23/ARC-5 100 TO 156 MC AM USING 832 TUBES (2) AND 1625 (2), FOUR PRE-SET CRYSTAL CONTROL CHANNELS, COMPANION TO R-28 REC. FOR CONVERSION SEE CQ MANUAL. \$24.95

BC-456 MODULATOR FOR USE WITH COMMAND TRANSMITTERS, SINGLE TUBE MODULATION WITH TUBES 1/1625, 1/12J5GT AND 1/VR-150. HAS PROVISIONS FOR MOUNTING DM-33 DYNAMOTOR. SIZE: 7x8x10; WT: 11 LBS. U. \$3.95

MD-7/ARC-5 MODULATOR SAME AS BC-456 ONLY USES 2/1625 TUBES IN PUSH-PULL FOR 40 TO 60 WATTS. USED L/COVER \$9.95

COMMAND RECEIVER AC POWER SUPPLY SEE PAGE 20

SPIN TUNING KNOB FOR RECEIVERS \$1.00

DM-32 DYNAMOTOR 24 V FOR REC. UNUSED 4.95

35x032 " 12 V " " " 4.95

C-26/ARC CONTROL BOX FOR ONE REC. USED 2.00

BC-496 " " " TWO " " 1.95

BC-450 " " " THREE " " 2.50

BC-451 " " " ONE TRANS. " 1.95

BC-473 " " " ONE REC. " 2.00

CONNECTOR PLUGS F/REC. OR TRANS. 1.50

FLEXIBLE SHAFTS MC-215 FOR COMMAND EQUIPMENT 6 FT. \$1.50 EACH ADDITIONAL FT. 25¢ EXTRA.

MC-215 FLEXIBLE SHAFTS AND SMALL SPLINE FOR COMMAND TYPE RECEIVERS; 20 FT. KIT, NOT MADE-UP \$3.95

SPLINE & NUT FITS COMMAND TYPE RECEIVERS AS USED ON MC-215 AND SPIN KNOBS. \$.50

FT-234 ONE TRANSMITTER RACK \$2.00

MT-68 " " SHOCKMOUNT 1.50

FT-226 TWO TRANSMITTER RACK 2.50

FT-227 " " SHOCKMOUNT 2.00

RECEIVERS & TRANSMITTERS

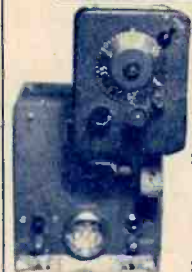


BC-620 RECEIVER TRANSMITTER F.M. 20 TO 27.9 MC. CRYSTAL CONTROL ON ANY TWO PRESELECTED FREQ. IN THE RANGE. USES FT-243 CRYSTALS, ONE SUPPLIE POWER OUTPUT APPROX. 3 WATTE WITH PHONE & MIC JACKS, (NO SPEAKER) TEST METER, VOLUME CONTROL, SELECTOR SWITCH ETC

WITH TUBES 1/1LC6, 1/1LH4, 1/1LN5, 4/1R4/1294-2/3B7 & 4/306/1299 AND PE-97 POWER SUPPLY THAT OPERATES FROM 6 OR 12 VOLTS D.C. W/CABLE SIZE: REC. TRANS. ONLY 15x13x7; WT: 30 LBS. PE-97 POWER SUPP. 15x13x7; WT: 20 LBS. THE REC.-TRANS. IS MOUNTED ON TOP OF THE POW ER SUPPLY AND IS HELD THERE WITH HASPS. PRICE: BC-620 & PE-97 RE-NEW \$19.95

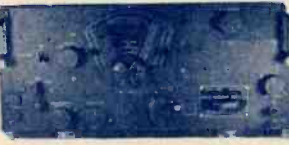
AN-45 TELESCOPING ANTENNA FOR MOUNTING ON REAR OF BC-620, 98 1/2" LG. NEW..... 1.95
FT-250 SHOCKMOUNTING BASE F/ BC-620 & PE-97 TO-GETHER OR SEPARATELY \$5.00
CD-509 CORD EXTENSION 8 FT. USED WHEN P.S IS TO BE USED AWAY FROM BC-620. 2.75
CS-79 BATTERY CASE SAME SIZE AS PE-97 USED WITH BC-620 WHEN DRY CELLS /USED \$1.50
TS-13 HANDSET, CARBON MIC. W/PLUGS " 4.95
T-24 MICROPHONE CARBON RE-NEW 4.95
SPARE TUBES FOR BC-620 NEW BOXED EACH .75

BROADCAST RECEIVER



R-22 RECEIVER 550 TO 1500 KC AM, ONE BAND CONTINUOUS TUNING, NO DIAL (SEE BELOW FOR CONTROL BOX) WITH TUBES 2/14A7, 1/14S7, 1/14R7, 1/14F7 AND 1/12A6. VOLTAGES REQUIRED 250-290 VDC @ 50-90 MA. AND 24 VOLTS. SIZE: 6 1/2x5 1/2x11 1/2; WT: 10 LBS. PRICE: NEW \$22.50

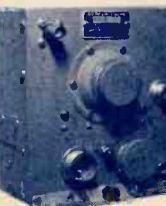
CONTROL BOX FOR RECEIVER WITH ADAPTER THAT CAN BE USED ON ANY RECEIVER OF THIS TYPE. SCALE WILL HAVE TO BE CHANGED C-26 CONT. BOX W/ADAPTER \$4.



BC-348 RECEIVER A.M. SIX BANDS 200-500 KC & 1.5-18 MC. CRYSTAL PHASING, ANTENNA ALIGN, BEAT OSC., & AUDIO GAIN CONTROLS, VERNIER & SPEED TUNING, AVC, MVC, PHONE AND C.W. PHONE & SPEAKER JACKS, LARGE ILLUM. DIAL. WITH TUBES 4/6SK7, 6SJ7, 6SA7, 6SR7 & 6K6. VOLTAGES REQUIRE 220 VDC @ 70 MA. & 24 V. SIZE: 18x10 1/2x9 1/2; WT: 40 LBS. PRICES LESS DYN. PRICES: USED CHECKED \$79.50 NOT CHECKED \$60.
DM-28 DYNAMOTOR 28 VOLT D.C. USED \$4.95
115 V. 60 CYC POWER SUPP. W/SPEAKER \$21.00
FT-154 SHOCK MOUNTING \$2.75
PL-103C PLUG FOR REAR OF RECEIVER 2.50

TEST UNIT

H-19 TEST UNIT FOR ARC-12 TRANSMITTERS AND RECEIVERS. CHECKS TRANS. CRYSTAL, T-11, T-13, T-21, T-23, T-20, T-22. REC. TUNING SEC. WITH DIALS FOR RANGES 118-148, 520-1.5, 190-550 AND 108-135 MC. RUGGEDIZED METER 200 MICRO AMP 0-30 SCALE 2 1/2", TEL & MIC JACK, COAX. CONN. FOR REC. TRANS. LOOP. CIRCUIT BREAKER ON/OFF SW. 20 POS. SELECTOR SW. AND 6 POS. VOL. CONT. RELAY ETC. CAN ALSO BE USED FOR CONTROL OF TRANS./REC. SIZE: 7x5 1/2x3; WT: 5 LBS. UNUSED PRICE: \$7.95



R-508/R-19/ARC RECEIVER 118 TO 148 MC. AM, 15 MC I.F. WITH TUBES 3/9003, 1/9002, 2/14R7, 1/14F7 AND 1/12A6, VOLTAGE REQUIRED 24-28 V FOR LOW, 250 VDC @ 60 MA. FOR HIGH VOLTAGE NO DIAL, DESIGNED FOR REMOTE TUNING. SIZE: 6 1/2x5 1/2x11 1/2; WT: 10 LBS. USED \$18.95

COMMUNICATION RECEIVER



RCAF GR-10 COMMUNICATION RECEIVER, 115 VOLT 25-60 CYC. 6 BANDS, 195 TO 410 KC AND 1400 TO 31000 KC., ELECTRIC BAND SPREAD, VAR. SELECTIVITY, ADJ. CRYSTAL FILTERS, NOISE LIMITER, AVC, CARRIER STRENGTH METER, CRYSTAL CONTROL ON ANY ONE FREQ. TO 6.8

MC. TEMP. AND VOLTAGE REG. OF OSCILLATOR, SENSITIVITY BETTER THAN 5 MIC. V. 2:1 SIG. TO NOISE RATIO, MAX. UNDISTORTED OUTPUT 3 WATTS. WITH TUBES 3/6SK7, 1/6K8, 1/6SJ7, 1/6H6, 1/6SQ7, 1/6F6G, 1/5Y3G & 1/VR-105. BEAT FREQ. OSC. CONTROL AND PROV. FOR SPEAKER AND HEADSET. SIZE: 10 1/2x20x11 1/2; WT: 85 LBS. (CABINET DESIGN MAY VARY) USED COMPLETE, NEED REPAIR FOR RACK MOUNTING \$50.00 WITH CABINET 60.00

RECEIVER 108-135 MC



AIRCRAFT RADIO RECEIVER VHF 108 TO 135 MC AM, CONTINUOUS TUNING, NO DIAL ON RECEIVER DESIGNED FOR REMOTE USE, 15 MC. I.F. REQUIRES 24/28 VOLTS FOR FILAMENT AND 250 VDC 60 MA. HV. HAS FACILITY FOR MOUNTING DYNAMOTOR ON THE REAR SUCH AS D-10/DM-32 WITH TUBES 3/9003, 1/9002, 2/14R7, 1/14A7, 1/14F7 & 1/12A6. HAS PHONE OUTPUT JACK ON THE FRONT ALSO INPUT & OUTPUT PL

SIZE: 6 1/2x5 1/2x11 1/2; WT: 10 LBS. R-15 RECEIVER NO SQUELCH USED \$16.95 R-509/ARC RECEIVER WITH SQUELCH, USED \$19.95 SPIN TUNING KNOB FOR LOCAL USE \$1.00 UG-88/U COAX. CONN. FOR ANTENNA USED \$.30

VHF RECEIVER-TRANSMITTER

VHF TRANSMITTING AND RECEIVING EQUIPMENT AM 100 TO 156 MC.

CRYSTAL CONTROL ON 4 PRESELECTED CHANNELS IN THE RANGE SPECIFIED. R-28/ARC-5 RECEIVER (SHOWN ON THE LEFT)

CRYSTALS ARE INSERTED IN THE FRONT OF THE SET BEHIND THE ACCESS DOOR, FREQ. DIAL AND SQUELCH ADJ. ARE ALSO ON THE FRONT. SELECTION OF CHANNEL IS DONE REMOTELY WITH THE USE OF THE C-30 /ARC-5 CONTROL UNIT WHICH IS AVAILABLE SEPARATELY. WITH TUBES 4/717, 3/12SH7, 2/12SL7 & 12A6 VOLTAGES REQUIRED 24/28 VDC FOR RELAYS AND SELECTOR MOTOR ETC. 250 VDC & 60 MA. HIGH V. DM-32 DYNAMOTOR CAN BE USED ON THE REAR OF THE SET FOR THE HIGH VOLTAGE.

(FOR VARIABLE TUNING SEE SURPLUS CONVERSION MANUAL VOLUME 111 PRICE \$3.50) SIZE: 14x7 1/2x4 1/2; WT: 16 LBS. USED \$18.95

T-23/ARC-5 TRANSMITTER (SHOWN TO THE RIGHT) THE OUTPUT OF THIS UNIT AS DESIGNED IS APPROX 10 WATTS HIGHER OUTPUT CAN BE OBTAINED AS IT HAS (2) TWO 832 TUBES AND TWO 1625'S. THE AUDIO POWER FOR MODULATING IS FURNISHED BY TH MD-7/ARC-5 MODULATOR WHICH IS AVAILABLE SEPARATELY.

FREQ. CHANNEL SELECTION IS MADE BY USE OF THE C-30 CONTROL UNIT WHICH IS AVAILABLE SEPARATELY VOLTAGES REQ. 24/28 VDC FOR RELAYS & SELECTOR MOTOR ETC. APPROX 600 VDC @ 175 MA F/HIGH V. SIZE: 15 1/2x8 1/2x5 1/2; WT: 15 LBS. RE-NEW \$24.95 MD-7 MODULATOR; PUSH-PULL MODULATOR DESCRIBED ON PAGE 4 OF OUR REGULAR CATALOG RE-NEW \$12.00 C-30/ARC-5 CONTROL UNIT PAGE 19 CATALOG \$1.00

RECEIVER



R-11A RECEIVER 190-550 KC ONE BAND, 85 KC IF FREQ. WITH TUBES 2/14A7, 1/14S7, 1/14R7, 1/14F7 & 1/12A6 (14 SERIES TUBES ARE LOCAL FILAMENTS ARE WIRED FOR 12-14 OR 24-28 VOLTS, HIGH VOLTAGE REQ. 250 VDC 60 MA. NO DIAL, DESIGNED FOR REMOTE USE BUT ITEMS LISTED BELOW

CAN BE ADAPTED FOR LOCAL TUNING. SIZE: 6 1/2x5 1/2x11 1/2; WT: 10 LBS. USED \$7.95 BC-473 CONTROL BOX FOR LOCAL USE WITH ADAPTER WITH SET \$3.00 OTHERWISE \$4.00 SPIN TUNING KNOB FOR LOCAL USE #6743 \$1.00

SCR-522 RADIO SET

100-156 MC

RECEIVER-TRANSMITTER AM, FOUR CHANNEL, CRYSTAL CONTROL, 30 WATT OUTPUT, 18 TUBES AS FOLLOWS: TRANSMITTER, 1/6SS7, 2/832, 3/12A6, 1/6G6, RECEIVER; 1/9002, 1/9003, 3/12A6, 1/12C6, 2/12AH7, 1/12H6 & 3/12SG7. BOTH UNITS CAN BE REMOVED FROM CASE SEPARATELY. OVERALL SIZE: 16 1/2 x 12 1/2 x 10-3/4" WT: 49 LBS. PRICE: USED \$29.95



RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED, WITH TUBES \$14.95 NO TUBES \$7.95

TRANSMITTER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED WITH TUBES \$18.95 NO TUBES \$7.95

BC-602 CHANNEL SELECTOR CONTROL BOX WITH PUSH BUTTONS. BC-602B USED \$1.95 BC-602D NEW \$2.95

NOTE: FOR THE MICROPHONE & PHONE CIRCUITS JACKS CAN BE INSTALLED IN THE BC-602

JB-29 JUNCTION BOX NEW \$2.95
AN-104 ANTENNA, METAL COVERED WOOD NEW 1.95
PE-98 DYNAMOTOR 12 VOLT USED 9.95
PE-94 " 24 " " 4.95

PLUGS REQUIRED FOR THE EQUIPMENT

SCR-522 RECEIVER-TRANSMITTER REQUIRES THE FOLLOWING PLUGS, PL-173 TO ANTENNA, PL-169 TO DYNAMOTOR, PL-170 TO JB-29 JUNCTION BOX. \$1.50 EACH

BC-602 CONTROL BOX, REQUIRES FOLLOWING PLUGS, PL-169 TO JUNCTION BOX. \$1.50 EA.

PE-98 OR PE-94 DYNAMOTOR REQUIRES FOLLOWING PLUGS, PL-172 TO BATTERY, PL-171 TO RECEIVER-TRANSMITTER. \$1.50 EA.

JB-29 JUNCTION BOX, REQUIRES THE FOLLOWING PLUGS, PL-170 TO RECEIVER-TRANSMITTER, PL-169 TO BC-602 CONTROL BOX. \$1.50 EA.

RA-62 AC POWER SUPPLY FOR SCR-522, OPERATES FROM 115/230 VOLTS 60 CYCLE, SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION. SIZE: 16x11x11; WT: 75 LBS. PRICE USED \$39.50 REQUIRES PL-171 PLUG FOR HOOK-UP TO REC-TRANS PRICE \$1.50.

BC-733 RECEIVER 108.3-110.3 MC AM

AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-POINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY. OPERATES ON SIX CRYSTAL CONTROL PRESET FREQ. COMPLETE WITH TEN TUBES: 1/12AH7, 2/12SG7, 3/717, 2/12SR7, 1/12SQ7 & 1/12A6. VOLTAGE REQUIRED; 24 VDC & 220 VDC 80 MA. WITH SCHEMATIC. SIZE: 13 1/2 x 5 x 7 WT: 17 LBS. PRICE: USED \$7.95

I-101C CROSS POINT INDICATOR, USED \$1.95
PL-257 PLUG TO FIT I-101C 1.50

BC-732 CONTROL BOX USED \$1.95 NEW \$2.95
CABLE WITH PL-254 TO FIT BC-733 REC. AND PL-256 PLUG TO FIT BC-732 CONTROL BOX 3 FT. PRICE: \$4.95 PLUGS ONLY 1.50

DM-53 DYNAMOTOR 24 VOLT USED \$4.95 NEW \$6.95
DM-53 AZ " 12 " " NEW 7.95
AS-27 RAMS HORN ANTENNA \$5.95
PL-284 TWIN COAX PLUG F/BC-733-AS-27 1.00

ARN-6 COMPONENTS

C-1514/A DIRECTION FINDER CONTROL; w/VOL. TUNING, & L-R LOOP CONTROLS. ALSO CW-VOICE SWITCH, OFF-ADF-ANT-LOOP-CONT SELECTOR, BAND SELECTOR AND TWO INDICATOR LIGHTS. SIZE: 5 1/2 x 4 1/2 x 3 1/2; WT: 5 LBS. USED \$8.95
PLUG FOR C-1514/A.....\$1.50

PD-5/ARA-19 TUNING DRIVE FOR AM-203B AMPLIFIER; PART ARN-6 RADIO COMPASS REMOTE TUNING SYSTEM. WITH DELCO PM MOTOR. SIZE: 4 1/2 x 2 x 4; WT: 5 LBS. USED \$9.95; PLUG F/PD-5 \$1.50

ARC-3 100-156 MC



R-77/ARC-3 VHF AIRCRAFT TYPE AM RECEIVER, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 9001, 9002, 12A6, 12H6, 12SH7, 12SL7, 2/12SN7, 3/12SG7 & 6/6AK5. VOLTAGE REQUIRED 24 VDC & 210 VDC 125 MA. SIZE: 11x7x15. WT: 21 LBS. w/SCHEMATIC PRICE: R-77/ARC-3 USED \$24.50
R-5009/ARC-502 24 CHANNEL USED \$24.95
PL-153 PLUG FOR FRONT OF SET \$ 2.50

T-67/ARC-3 VHF AIRCRAFT TYPE TRANSMITTER AM, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE, WITH TUBES 2/832, 2/6L6, 1/6J5, 3/6V6 & 1/12SH7. VOLTAGE REQUIRED 24 VDC & 410 VDC 325 MA. SIZE: 15 1/2 x 7 1/2 x 12 1/2. WT: 21 LBS. PRICE: RE-NEW WITH TUBES\$29.50

JB-68 JUNCTION BOX FOR ARC-3 RADIO SET USED TO MOUNT DYNAMOTORS DY-22 FOR REC & DY-21 FOR TRANS. ALSO HAS CONNECTOR PLUGS TO HOOK UP REC, TRANS, CONTROL BOX & POWER, & RELAYS. SIZE: 10 1/2 x 3 1/2 x 8 1/2. WT: 7 LBS. PRICE USED.... \$7.95

CONNECTOR PLUG FOR EACH FACILITY \$2.50 EACH

C-118/ARC-3 CONTROL BOX FOR RECEIVER AND TRANSMITTER. HAS EIGHT PUSH BUTTONS FOR CHANNEL SELECTION AND ONE FOR OFF. SIZE: 6x3x7 WT: 2 LBS. PRICE: \$4.95
CONNECTOR PLUG U-16/U 2.50

IE-36 TEST SET FOR SCR-522 REPRODUCES THE OPERATING FUNCTIONS OF THE CONTROL BOX & JACK BOXES OF THE RADIO BY PROVIDING HEADPHONE & MICROPHONE, CHANNEL SELECTION PLUS ALL OTHER CONTROLS NECESSARY TO OPERATION AND TESTING. CONTROL UNIT BC-1303 PLUGS DIRECTLY INTO THE SCR-522 ALSO HAS PHANTOM ANTENNA & CORD, LAMP EXTRACTOR, ADAPTER PHONE CORD, INSTRUCTION BOOK AND CARRING CASE, 10x10x4; WT: 8 LBS. PRICE: NEW \$6.95

SCR-522 CABLES WITH PLUG ON ONE END AND LUG TERMINALS ON THE OTHER. EACH CABLE \$2.95
CX-58/VRC-1 PLQ-170 PLUG & LUGS, 36" LONG.
CX-60/VRC-1 PL-169 " " " 36" " "
CX-62/VRC-1 PL-172 " " " 66" "

BC-1000 FM TRANSMITTER-RECEIVER 40 TO 48 MC; PORTABLE LOW POWER TRANSMITTER 3 TO 5 MILES DEPENDING ON CONDITIONS SINGLE CALIBRATED DIAL FOR TUNING RECEIVER AND TRANSMITTER, MICROPHONE AND PHONE JACKS ON FRONT PANEL, SQUELCH CIRCUIT AND AUTOMATIC FREQ. CONTROL WITH TUBES 6/1T4, 5/1L4, 3/1S5, 2/3A4 & 1/1A3. VOLTAGES REQUIRED FOR USE 4 1/2 VDC @ .5 AMP. 90 VDC @ 25 MA & 150 VDC @ 50 MA. SIZE: 11 1/2 x 6 1/2 x 7 1/2; WT: 13 LBS. USED \$24.95

CS-128 BATTERY CASE (EMPTY) FASTENS TO BOTTOM OF SET USED TO HOLD BATTERIES. 4 LBS. \$1.95
AN-130 GOOSENECK ANTENNA 1 LB. 1.00
TS-15 HANDSET (OR EQUIVALENT) 2 LB. 4.95
TM-11-637 MANUAL 3.00

R-316/ARR-26 RECEIVER 162.25 - 173.5 MC.FM No Cover SUPPLIED

DESIGNED TO RECEIVE SONOBOUY SIGNALS ON 16 PRE-SET CHANNELS. WITH TUBES 1/6J6, 2/6AL5, 7/6AS7, 1/6AU6, 1/12AL7, 1/12AV7 & 7/6AK5. NO POWER SUPPLY REQUIRES 280 VDC @ APPROX. 125 MA. AND FILAMENT VOLTAGES. OUTPUT OF THE SET USES A 12AU7 IN A CATHODE FOLLOWER CIRCUIT WHICH IS SUFFICIENT FOR HEAD SET. (SCHEMATIC AND CONVERSION INFORMATION FOR 145-175 MC SUPPLIED WILL INCLUDE ADDITION OF AUDIO, SQUELCH AND 115 VOLT 60 CYCLE POWER SUPPLY CIRCUITS.) SIZE 5x8x17; WT: 13 LBS. PRICE USED \$22.95

AMPLIFIER

AM-203B/ARA-19 AMPLIFIER; PART OF REMOTE TUNING SYSTEM AS USED WITH ARN-6 RADIO COMPASS WHICH PROVIDES A ACCURATE MEANS OF TUNING SET ELECTRICALLY. OPERATES FROM 24 VDC. WITH 2/26A7 TUBES AND 1/12SN7 TUBE. SIZE: 5x6x4 1/2; WT: 6 LBS. PRICE: RE-NEW \$8.95

COMPASS RECEIVER



AN/ARN-7 RADIO COMPASS RECEIVER 100 TO 1750 KC USED FOR AIRCRAFT DIRECTION FINDING BUT CAN ALSO BE USED ON BOATS. THE RECEIVER IS A SUPERHETERODYNE WITH ADDITIONAL CIRCUITS FOR OPERATION OF THE AURAL RECEPTION AS SHOWN ON THE INDICATORS. COVERS THE FREQUENCY RANGE OF 100 TO 1750 KC IN FOUR BANDS CONTINUOUS TUNING FROM CONTROL BOX WHICH IS A SEPARATE UNIT. UNIT OPERATES FROM 115 VOLT 400 CYC & 24 VDC AND IS COMPLETE WITH TUBES 4/6K7, 1/6L7, 1/6J5, 2/6B8, 2/6F6, 1/6N7, 1/5Z4, 1/6SC7 & 2/2051. SIZE: 12x8x19; WT 45 LBS.

R-5/ARN-7 RECEIVER ONLY, USED \$18.95
ITEMS LISTED BELOW ARE REQUIRED FOR ADF OPER.

C-4/ARN-7 CONTROL BOX USED \$3.95 RENEW \$5.95
I-8/A INDICATOR 3" USED \$3.95 RENEW 4.95
I-82A " 5" " " NEW \$10.95
LP-21 AM LOOP ANTENNA " 9.95
FT-224 MOUNTING F/C-4CB " 1.50
MG-149F INVERTER " 24.95
MC-203 SHAFT COUPLING "T" " 1.00
MC-136 SHAFT " RT/ANGLE " 2.50
BK-22 RELAY JUNCTION BOX " 2.95
MC-124 FLEXIBLE SHAFT 2 FT. 1.50
CD-365 CABLE FOR LOOP 5 FT. 2.75
PL-122 CONNECTOR PLUG FOR RECEIVER 2.50
PL-112 " " " LOOP 2.50
PL-118 " " " I-81 OR I-82 2.50



REMOTE READING MAGNESYN COMPASS SYSTEM AIRCRAFT TYPE. CONSISTS OF A MAGNESYN COMPASS THAT TRANSMITS TO A 3" INDICATOR THAT IS CALIBRATED IN DEGREES--- N-S-E-W AND IS OPERATED BY THE 12 VOLT D.C. INVERTER THAT IS SUPPLIED WITH THE SET. SHPG. WT: 15 LBS. PRICE WITH TRANSMITTER, INDICATOR, INVERTER AND MANUAL ... \$39.95

REMOTE READING MAGNESYN COMPASS SYSTEM WITH TRANSISTORIZED POWER SUPPLY.....\$49.50

MN-40 INDICATOR 0-360 DEGREE SCALE 5" WITH VAR. ADJUSTMENT. SAME AS I-82 INDICATOR ONLY OPERATES MECHANICALLY INSTEAD ELECTRICALLY BY USE OF SPLINED CONNECTORS AS USED ON MC-124 SHAFT. \$3.95
CONTROL BOXES MN-28C/MN-26C MN-28LB/MN-26LB USED \$3.95 EA.
CONNECTOR PLUGS RECIPIENT \$2.50
CONTROL BOX 2.50
FLEXIBLE SHAFT 20" \$1.50
5 1/2" \$2.8 \$3.00

RADIO COMPASS



RA 101A/ARN-6 RADIO COMPASS WITH A FREQUEN RANGE OF 100-1750 KC I FOUR BANDS. COMPLETE WITH TUBES 6/12SK7; 4/12SX7; 1/12SY7; 1/12S7 2/26A7; 2/2050. OPER. FROM 26.5vdc. WT. 35L SIZE: 11 1/2 x 7 1/2 x 15 1/2 PRICE: \$39.50

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS. OPERATES FROM 26 VOLTS 400 CYC. SIZE: 10x11x5 WT. 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95
MANUAL FOR RA 101A/ARN-6.....\$5.00

ID-91 B/ARN-6 INDICATOR 0-360 DEG. 3 1/2" DIA. INDICATOR FOR ARN-6 RADIO COMPASS SYSTEM \$8.95

C-149 A/ARN-6 CONTROL BOX BOX CONTAINS THE FOLLOWING CONTROLS. OFF-COMP.-ANT.-LOOP; FUNCTION SWITCH, TUNING METER, LOOP L-R SWITCH, LIGHT CONTROL, DIAL BAND SWITCH, CONTROL SWITCH, TUNING CRANK, AUDIO CONTROL, CW- VOICE SWITCH. \$8.95


Headsets — Telephone Equipment — Microphones — Handsets



HS-33 HEADSET
NEWLY MANUF.
HEADBAND WITH 4 1/2 FT.
CORD WITH PL-55
TYPE PLUG. AIR
FORCE GREY. 600
OHM IMPED. WITH

MX-41/AR MEDIUM RUBBER CUSHIONS \$8.00


MC-162 SMALL RUBBER CUSHIONS. \$6.95



HB-7 HEADBAND ONLY
WITH 4 1/2 FT.
CORD AND PL-55
TYPE PLUG. AIR
FORCE GREY.
\$3.00


MX-41/AR MEDIUM SIZE RUBBER CUSHIONS \$1.25

MC-162 SMALL RUBBER CUSHIONS \$1.00



HS-23 HEADSET
NEWLY MANUF.
WITH 4 1/2 FT.
CORD & PL-55
TYPE PLUG. AIR
FORCE GREY. 2000
OHM IMPED. WITH
MX-41/AR MEDIUM SIZE RUBBER CUSHIONS \$6.95

MC-162 SMALL SIZE RUBBER CUSHIONS \$5.95



H-113/U HEADSET
600 OHM
SOFT PLASTIC
EAR CUSHIONS
18" CORD W/
PL-54 PLUG
THAT FITS
JK-26 JACK
(SEE CD-307
EXTENSION CORD ELSE-
WHERE ON THIS PAGE)
WT: 3LBS. USED-EX \$3.95

H-62 HEADSET SAME AS H-113/U ONLY IN BLACK AND HAS PROVISIONS FOR SNAPPING ON LIP MICROPHONE CW-51071 LISTED BELOW. USED-EX. \$3.95

CW-51071 LIP MICROPHONE
100 OHMS IMPEDANCE W/
2 SNAPS FOR FASTENING
TO H-62 HEADSET, 14"
CORD W/ PL-291 PLUG
INTO EXTENSION CORD
CD-318 LISTED ON THIS
PAGE OR CW-49561 EXTEN-
SION CORD LISTED BELOW
USED \$1.00



H-63/U HEADSET
600 OHM
BOOM MIC
100 OHM
14" CORD
WITH
PLUGS.
(ADD ANY
LENGTH
CORD YOU
WANT)
USED
\$4.95

T-24-S MICROPHONE HAND HELD BRASS CARBON MIC. W/50 OHM ELEMENT, PUSH TO TALK SWITCH, 5 1/2 FT. STRAIGHT CORD W/PL-68 PLUG. WT: 1 LB. PRICE: UNUSED \$3.95

M/A CARBON MICROPHONE
75 OHM IMPE-
DANCE, FITS
OVER MOUTH
TO ELIMINATE NOISE, HELD
IN PLACE BY STRAPS, FREQ
RESPONSE 400-3200 CPS.
1 1/2" INCH CORD WITH PL-
291 PLUG TO FIT CD-318
OR CW-49561 EXTENSION
CORDS DESCRIBED ON THIS
PAGE. NEW \$2.50



T-32 CARBON MICROPHONE
40 OHMS
IMPEDANCE
300-4500 CYC
WITH STAND
& PUSH TO
TALK SW.
6" CORD
W/SPADE
LUGS
UNUSED \$7.95

HS-30 HEADSET
250 OHM
IMPEDANCE
HEARING
AID TYPE
LIGHT
WEIGHT
HEADBAND
9" CORD
W/SPADE
LUGS
THAT WIRE INTO
CD-604 CORD FOR
4000 OHM IMP.
NEW \$5.50

(SEE CD-604 & 605 ELSEWHERE ON PAGE)

RS-38 MICROPHONE
100 OHM CARBON
PRESS TO TALK
SWITCH ON TOP
5 FT. CORD WITH
PL-68 PLUG.
UNUSED W/COILED CORD
12"-36" \$7.95 2'-6" \$8.95

SPACE HELMET HEADSET, 600 OHM PHONE 100 OHM MIC. PADDED FRAME. U. \$3.95

TS-9 HANDSET NO PLUGS WITH BUTTERFLY SWITCH & PUSH TO TALK SWITCH & LUGS USED \$3.95

TS-11 HANDSET; 4 COND. CORD, 5 1/2", CARBON MIC 50 OHM, PHONE 3500 OHM, W/PL-106 PLUG. NEW \$4.95




DYNAMIC HEADPHONES
50 OHMS IMP.
MOVING COIL
TYPE, FBRRH
QUALITY RE-
PRODUCTION,
CHAMOIS CUS-
HIONS AND
"Y" CORD WITH PHONE PLUG.
#ZA/CAN1638 UNUSED \$4.95

CHAMOIS CUSHIONS \$2.50 PR.




T-17 MICROPHONE
CARBON 35 TO 90
OHMS WITH PUSH
TO TALK SWITCH
5 FT. CORD WITH
PL-68 PLUG THREE
CIRCUIT. WT: 1LE
PRICES:
USED \$5.95

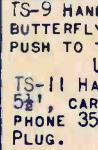
RE-CONDITIONED \$7.50




M-29/U MICROPHONE
40 TO
100 OHM IMPED.
U-79/U CONNEC-
TOR; 72" CORD.
FREQ. 300 TO
4000 HZ. PUSH-
CORS DESCRIBED ON THIS
PAGE. NEW \$2.50



C-113/TRC-1 CONTROL UNIT
FOR INTERCOMMUNICATION AND
TRANSMITTER CONTROL. POWER
REQUIRED IS 115 VOLT 60 CYC
HAS MICROPHONE AND HEADSET
JACKS, ON/OFF SW. INTERCOM.
RADIO SW. BINDING POSTS FOR
CONNECTING TELEPHONE WIRE,
5 WIRE CABLE FOR FASTENING
TO TRANS. MIC CORD WITH PL-68 PLUG, AC LINE
CORD, PILOT LIGHT ETC. HOUSED IN WOOD CARRING
CASE. TWO OR MORE UNITS CAN BE HOOKED TOGETHER
FOR INTERCOM USE. CABLES CAN BE STORED IN COM-
PARTMENT TO LEFT.
SIZE: 14x9 1/2x12; WT: 25 LB PRICE: USED \$6.95




TS-13 HANDSET
CARBON MIC.
50 OHM, PHONE
ELEMENT 3500
"Y" CORD PL-68
& PL-55, BUTTER
FLY SWITCH.
USED \$4.95




RS-83 CARBON MICROPHONE
100 OHM
WITH COILED
CORD 1-4"
BROOK-TEL BTU-1
NEW \$8.95

TS-13 HANDSET CARBON MIC. 50 OHM, PHONE ELEMENT 3500 "Y" CORD PL-68 & PL-55, BUTTER FLY SWITCH. USED \$4.95

HANDSET HOLDER
RUBBER COVERED AS ILL-
USTRA \$1.50
CAST ALUMINUM \$2.00



T-45 LIP MIC
DICTAPHONE HEAD
SET, LIGHT BAND
W/PLASTIC EAR
PCS. CONNECT
TO RUBBER
TUBES THAT
COMES TO Y
& RUBBER
CUP 4" DIA.
USE AS WAY
OUT SOUND
REPRODUCER
#6C262-
719 \$7.75



T-30 THROAT MIC.
Elements
only \$1.00
a dozen



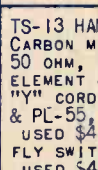
T-30 MICROPHONE
CARBON TYPE, 75 OHM
50DB BELOW 1 MILL-
VOLT, FLAT RESPONDS
WITH PL-291 2 CONT
MALE PLUG, 11" CORD
PRICE: USED 3/\$1
UNUSED \$1.00



R-15 PHONE ELEMENT
6000 OHM
W/RUBBER CUSH-
ION F/2" HEAD-
BAND MTG.
\$1.25

PHONE ELEMENT
F/TS-9K HANDSET
250 OHM, 2 1/2" DIA.
W/ CLIPS.
K.S #838
\$1.00

CANADIAN PHONE ELEMENT
100 OHM
1 1/2" DIA. FOR
2" HEADBAND.
#C-3 10A/36988
\$.75



TS-13 HANDSET
CARBON MIC.
50 OHM, PHONE
ELEMENT 3500
"Y" CORD PL-68
& PL-55, BUTTER
FLY SWITCH.
USED \$4.95

T-24/M CARBON MICROPHONE
WITH PUSH TO TALK
BUTTON AND
MODIFIED WITH
4 FT. COILED
CORD & PL-68
PLUG. WT: 1/2 LB. PRICE: NEW \$4.95

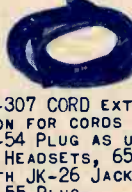


HALL CRAWFATER'S
#085-000246 MICRO-
PHONE; MAGNETIC CON-
TROLLED TYPE WITH TRAN-
SISTORIZED AMPLIFIER;
COILED CORD 7 FT. LENGTH.
THREE WIRES AND SHIELD. WT: 1 LB.
PRICE: NEW \$9.95

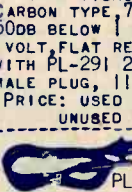
SA-1488/GSA-6 HAND SWITCHBOX. "RADIO" SW. MAKES 2, BREAKS 2; "HOLD-ON" SW. RELEASES "LOCK-ON" SWITCH. WITH 7 FT. STRAP. SIZE: 4 1/2x2 1/2x1 1/2. WT: 2 LBS. PRICE: USED \$1.50



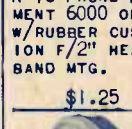
CD-307 CORD EXTENSION
FOR CORDS WITH
PL-54 PLUG AS USED
ON HEADSETS, 65" LG
WITH JK-26 JACK &
PL-55 PLUG.
USED \$1.00



CD-604 CORD WITH
IMPEDANCE MATCHING
TRANSFORMER 500OHM
TO 4000, USED WITH
HS-30 HEADSET, 6"
CORD & PL-54 PLUG.
NEW 50¢ USED 25¢



PL-55 RECEPTACLE
WITH
PL-55 PLUG ON END
3 FT. CORD #R16-
G34820 NEW \$1.00



MICROPHONE BUTTON
CARBON
50 OHM
WILL REPLA-
CE F-1 ELEMENTS.
#K-53-0654 \$1.00

PHONE ELEMENT
F/TS-13, H-23 ET
HANDSET, TYPE 41
3500 OHM. AUTO.
ELEC. D-5189A
\$1.00

CANADIAN LIGHTWEIGHT HANDSET
NO CORD
PHONE 300 OHM
MIC, 50 OHM
#ITE NO1
MK-11
YA-7225
\$3.95

CANADIAN MICROPHONE W/ SWITCH & CORD FOR ABOVE PHONE, MAGNETIC 300 OHM, #10A/12 57L \$1.25



**TS-365/GT LINESMAN'S HAND-
SET; WITH DIAL; NOW-TALK
SWITCH. RUBBERIZED WITH 5 FT
RED AND BLACK LEADS.
USED \$22.95**

H-165/U HIGH IMPACT PLASTIC HANDSET; W/ELEMENTS TA-235/PT AND TA-117/PT. PUSH-TO-TALK SWITCH; DULL FINISH. COILED CORD 2-12FT. USED \$7.95

HANDSET HOLDER FOR HORIZONTAL MOUNTING. SIZE 1 1/2x3 1/2 #6988 \$.50

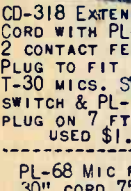
TELEPHONE BELL FOR MAGNETO GENERATORS. # MC-131 \$1.50



**WD-36/TT WIRE AND DIS-
PENSER; CANADA WIRE &
CABLE CO.; TWIN, PARAL-
LEL CONDUCTOR; SOLID
No. 23, PLASTIC INSULA-
TION; 2500 FT. LENGTH.
DISPENSER SIZE: 6 1/2"x4"
ROUND. #3895-089-7278 7 LBS.
PRICE: \$8.95**

PUSH BUTTON & CALL SIGNAL LIGHT SAME SIZE AS TELEPHONE DIAL. MAKE OWN INTERCOM. 3/\$1.00


TELEPHONE BELLS USE AS EXTENSION BELL IN SHOP ETC. 2 LB. 4x4 1/2 483661A \$1.50



CD-318 EXTENSION CORD
WITH PL-291 2 CONTACT FEMALE PLUG TO FIT T-45 & T-30 MICS. SW-141 SWITCH & PL-68 MIC PLUG ON 7 FT. CORD USED \$1.00



CD-605 CORD SAME
AS CD-604 ONLY 30"
LG. WITH PL-55 PLG
USED \$1.00



HB-1 HEADBAND
FOR 1 1/2" ELEMENTS
\$1.00

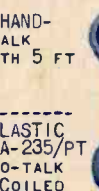
STANDARD TYPE TELEPHONE HANDSET AND CORD. USED \$2.50

STANDARD TELEPHONE DIAL USED \$1.50




TS-365

H-165




TS-365

H-165



TS-365

H-165




COILED CORD SET

THREE CONDUCTOR
24" TO 72" 75¢
12" TO 36" 50¢

FOUR CONDUCTOR
12" TO 36" \$1.00

ONE CONDUCTOR
#18 6 FT., -18 FT. \$1.00

MC-385 HIGH TO LOW ADAPTER
IMPEDANCE FOR HEADSET 4000-6000 OHM USED \$.50 NEW \$.75



STANDARD TYPE TELEPHONE HANDSET AND CORD. USED \$2.50

STANDARD TELEPHONE DIAL USED \$1.50



TS-365

H-165



TS-365

H-165



TS-365

H-165



TS-365

H-165

TELEPHONE EQUIPMENT



EE-8 FIELD TELEPHONE, PORTABLE HAND RINGING TYPE. CAN BE USED WITH ANY MAGNETO TYPE SYSTEM SWITCHBOARD AS BD-71, 72, 89, 91, 96 ETC. OPERATES FROM 2 FLASHLIGHT BATTERY UP 17 MILES, TWO OR MORE PHONES CAN BE OPERATED ON TWO WIRE LINE. WITH CARRYING CASE, STRAP & HANDSET.
 Size: 8x10x3 1/2; WT: 18 LBS.
 USED CHECKED LESS BATT. \$14.95



BD-71 SWITCHBOARD, PORTABLE 6 LINE HAND RINGING MAGNETO TO TYPE USING FLASHLIGHT BATTERIES FOR OPERATION. REPEATING COILS ON TWO LINES FOR SIMPLEXING, DROP SIGNAL AND NIGHT CALL BELL CAN BE USED WITH ANY MAGNETO TYPE TELEPHONES SUCH AS EE-8, RM-29, BD-72, 89, 91, 96 ETC. IDEAL FOR FACTORY, CAMP, FARM, MOTEL. WITH CHESTSET MICROPHONE & HEADSET. LESS BATTERIES
 Size: 18x12x14; WT: 75
 USED \$9.95 RE-NEW \$14.95



VO-3 OSCILLATOR IS AN ELECTRO-AUDIO TONE GENERATOR WITH A 10 WATTS OF POWER OUTPUT AT A FREQ. OF 800 CYCLES PER SECOND. THIS POWER IS ADEQUATE FOR SUPPLYING TONE TO 200 HEADSETS THAT CAN BE KEYPED BY THE INSTRUCTOR OR STUDENTS AND FEED INTO A SPEAKER OR RECORDER. OPERATES FROM 115 VOLT 60 CYCLE, COMPLETE WITH TUBES 1/6SN7, 1/5U4 & 2/6V6GT, OUTPUT 4, 8, 12 & 16 OHMS.
 Size: 12x10x7 1/2; WT: 24 LBS.

WD-1/TT INFANTRY FIELD WIRE; 2 COND. TWISTED PAIR 4 TINNED COPPER, 3 GALV. STEEL, NYLON JACKET WEATHER MOISTURE & FUNGUS RESIS. APPROX. 1200 FT. ON METAL SPOOL \$15.00; APPROX 1 MILE ON METAL SPOOL 4 LENGTH OF APPROX 1250 FT. \$40.00; COND. USED GOOD
WD-7 COPPER WELD FIELD TELEPHONE WIRE; 2 COND. TWISTED PAIR EACH COND. 7 STRAND #28 COPPER WELD. NEW MANUFACTURE. \$.035 PER FT. 1000 FT. OR MORE \$.030 PER FT.

JB-70 JUNCTION BOX; USED WITH BC-610 TRANSMITTER. FRONT PANEL HAS SWITCHES AND CONTROLS FOR REMOTE USE OF TRANS. HAS AC OUTLETS BOTTOM & SIDE, 4 HEADSET & 2 KEY JACKS, MIC PLUG, 2 WAFER, 4 TOGGLE, LEVER & START/STOP SWITCHES, CIRCUIT BREAKER, CABLES ETC. SIZE 19x13x5 1/2; WT: 40 LBS
 PRICE: USED \$9.95

A-202 CODE PRACTICE TELEGRAPH KEY WITH BUZZER AND CORD. ADJUSTABLE KEY WITH ADJUSTABLE BUZZER THAT WILL OPERATE FROM 9-12 VOLT D.C MOUNTED ON BLACK BAKELITE BOARD WITH ENOUGH ROOM TO REST FIST, RUBBER FEET ON BOTTOM.
 KEY SIZE 4 1/2x1 1/2x1 1/2; BUZZER SIZE 1 1/2x1 1/2x1 1/2; BOARD 3 1/2x7 1/2x1 1/2; WT: 1 1/2 LB
 PRICE: NEW \$1.50

A.F.C. UNIT



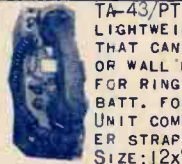
AUTOMATIC FREQ. CONTROL UNIT No. 600671; USED WITH FIRE CONTROL SYSTEM, WITH 16 TUBES 2/5829, 1/5703, 2/5702, 1/5784; DPDT SIGMA RELAY THAT WILL OPERATE FROM 14VDC @ 2.8 MA, SLUG TUNED COILS, RESISTORS, COND., ETC. (SORRY, FREQ. NOT DETERMINED, NO SCHEMATIC.) SIZE: 4x8x6 WT: 5LBS. USED \$2.95

TS-164 FREQUENCY METER CASE EMPTY CASE USED TO HOUSE FREQ METER BC-221, CAN ALSO BE USED FOR SIMILAR TYPES, HINGED FRONT COVER FOR CALIBRATION BOOK, FRONT COMPARTMENT SIZE 9 1/2x7 1/2x7 1/2, REAR COMPARTMENT HAS 2 BALLAST TUBES AND VOLTAGE REGULATOR TUBE VR-105, 13 1/2" DEEP. ALSO RELAY AND SHOCK-MOUNTING. SHPG. WT: 19 LB. NEW \$3.95

TA-1/PT TELEPHONE



SOUNDPOWERED TELEPHONE SET WITH AUDIBLE AND VISUAL CALL SYSTEM. PALM OPERATED GENERATOR PUTS OUT APPROX. 100 V. THAT SOUNDS BUZZER IN OTHER PHONE AND ACTUATES VISUAL INDICATOR. COILED CORD WITH PUSH TYPE BINDING POSTS FOR INTERCONNECTING WIRES TO BE FASTENED TO. COMES WITH FIBER CARRYING CASE.
 Size: 8 1/2x3 1/2x3 1/2; WT: ACT 2LB USED \$29.50 PAIR 2

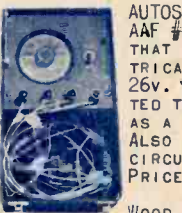


TA-43/PT TELEPHONE SET IS A RUGGED, LIGHTWEIGHT, WATERPROOF FIELD TELEPH. THAT CAN BE USED OUTDOORS ON A DESK OR WALL MOUNTED. HANDCRANK GENERATOR FOR RINGING BUZZER. REQUIRES 2 1/2 V BATT. FOR LOCAL USE NONE REQ. W/CB. UNIT COMES IN A CANVAS CASE & SHOULDERS STRAP WITH ZIPPER.
 Size: 12x7x4; WT: 10 LBS. UNUSED \$39.50



MULTIPEX

PHILCO CST-2 SIGNALING AND TERMINATION UNIT. FOR USE IN MULTIPLEX SYSTEMS FOR TRANSMISSION OF DIAL OR RINGDOWN SIGNALING AND TERMINATES A FOUR WIRE CIRCUIT OF THE MULTIPLEX INTO A TWO WIRE TELEPHONE CIRCUIT. A 3.5 KC TONE IS USED FOR SIGNALING. ALSO HAS CONTROLS FOR PROPER ATTENUATION OF VOICE LEVEL. OPERATES FROM 115 V. 60 CYC. AND IS COMPLETE WITH 2/12AU7 TUBES, RELAYS, RACK MTC. 19x4 1/2x12; WT: 25 LBS.
 PRICE: UNUSED \$9.95



AUTOSYN INSTRUMENT FIELD TESTER; AAF #43G18624 IS A SIMPLE TESTER THAT IS DESIGNED TO TEST THE ELECTRICAL CIRCUITS OF ALL MINIATURE 26V. 400CY. AUTOSYNS. WHEN CONNECTED TO THE SUPPLY IT CAN BE USED AS A TRANSMITTER OR INDICATOR. ALSO HAS ELECTRICAL ZERO TESTING CIRCUIT. SIZE: 6x10x5; WT: 8 LBS.
 PRICE: METAL CASE HINGED COVER & CABLES. USED \$6.95
 WOOD CASE NO COVER/CABLES...\$3.95

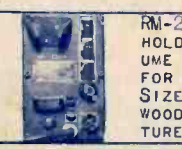


RC-298 TANK INTERPHONE EXTENSION KIT; CONTAINS HEAVY GAUGE WATERPROOF STEEL BOX W/H-22 HANDSET & COILED CORD, SIGNAL LIGHT, EXTEN. TERMINAL POSTS, WATERPROOF BULKHEAD CONN. 30 FT. 7 COND RUBBER COVERED CABLE, 14 FT. CONDUIT FLEX BC-1361 CONTROL BOX WITH SIG. LAMP, 2 WATER PROOF SW. AND 2 CONN. BOX OF HARDWARE WITH 125 PCS. OF BOLTS NUTS, WASHERS, CLAMPS ETC. ALSO ROLL OF RUBBER TAPE, SWITCH, LENS, LAMP MANUAL ETC. SHIPPING WEIGHT 78 LBS.
 PRICE: NEW \$14.95

RM-52 REMOTE CONTROL UNIT (MACY'S PHONE PATCH) USED FOR RE-CONTROL OF RADIO SET, OPERATES FROM 4 FLASHLIGHT BATTERIES. HAS MULTI-TAP TRANSFORMER, MIC, PHONE HIGH/LOW IMPEDANCE & JACKS. BASIC UNIT FOR MAKING MACY'S PATCH.
 Size: 7 1/2x3 1/2x5 1/2; WT: 5 LBS.
 PRICE: USED \$1.95 NEW \$2.95



RM-53 REMOTE CONTROL UNIT BASICALLY THE SAME AS RM-52 ONLY IT HAS A 3 POSITION SWITCH AND CORDS WITH PL-55 AND PL-68 PLUGS.
 Size: 8 1/2x4 1/2x4 1/2; 6 LBS
 USED W/PLUGS & CORDS \$2.95
 " " " " " " \$3.95



RM-21 CONTROL BOX WITH HANDSET HOLDER, 3 PUSH SWITCHES, VOLUME CONTROL AND PLUG. HANGERS FOR MOUNTING.
 Size: 10 1/2x7 1/2x2 1/2; WT: 8 LBS. IN WOOD CARRYING CHEST (NOT PICTURED.)
 PRICE: \$3.95



SA-365/UPM SWITCH ASSEMBLY CONTAINS 14 PUSH BUTTON MICRO SWITCHES D.P.O.T #2PB21 WIRED TO A 7 COND. & SHIELD CABLE 35 FT. LONG. USED WITH 1D-256 INDICATOR LIGHT ASSY. FOR SPECIAL TEST PURPOSES.
 Size: 6x5x2; WT: 5 LBS.
 PRICES: WITH CABLE \$6.95 LESS CABLE...\$4.95
 PLASTIC COVERED CABLE 5 COND. SHIELDED 5 1/2 FT.

AUTOMATIC ELECTRIC RELAY ASSEMBLY; 12 A/E TYPE RT-379-A1 RELAYS, 48VDC .1 AMP OPERATING. 1D CONTACT ARRANG. #D-857697 AUTOMATIC LINE FINDER, RACK MOUNTING
 Size: 13 1/2x4 1/2x6 1/2; 12 LBS. PRICE: W/COVER NEW \$12.95

AUTOMATIC ELECTRIC SWITCH ASSEMBLY, COMBINED HOWLER AND BREAKDOWN UNIT, 48 VDC, 4 DECK 26 CONTACT STEPPING SWITCH AND 5 RELAYS #D855332A RACK MOUNTING
 13 1/2x4 1/2x6 1/2; 13 LBS. PRICE: W/COVER NEW \$10.95

STROWGER LINE FINDER AND RELAY UNIT, USED IN CENTRAL OFFICE DIAL TELEPHONE EXCHANGE. THIS THE HEART OF THE SYSTEM AND IT HAS THE TWO BANKS OF CONTACTS AND WIPER CONTACT ARMS SHPG. WT: 15 LBS. #D580070/4D RE-MOVED \$15

STROWGER LINE FINDER AND RELAYS (8) WITH 2 BANKS OF CONTACTS AND WIPER CONTACT ARMS. SHPG. WT: 20 LBS. D240593 REMOVED \$17

REPEATER DIAL PULSE; TWO WAY OPERATION 8 TO 12 PULSES PER SEC. 2800 OHMS MAX. LOOP RES. SHPG. WT: 10 LBS. #D857917 REMOVED \$9.95

REPEATER DH-61883-A-2A SHPG. WT: 10 LBS \$9.95

REPEATER D857411-A WT: 12 LB. REMOVED \$12.95

INDICATOR ASSY; C/O 6 EACH 4 DIGIT ELECTRIC COUNTERS AND 6 RELAYS ON MOUNTING STRIP 48 VDC WITH TERMINAL BOARD. SIZE: 18x3x5; 13 LB #D183896A SPEC. STRIP \$30. COUNTER ONLY \$5 EA.

RELAY TEST SET

USED \$16.95
 RE-COND. 21.95

1-193 RELAY TEST SET: USED FOR TESTING 255, 255A, D-163119A, D-164 816A POLAR RELAYS ETC. FOR BIAS AND SENSITIVITY. THE ELECTRICAL CHARACTERISTICS ARE DETERMINED BY THE DEFLECTIONS OF THE METER. ALSO CONTAINS CIRCUIT FOR SENDING PULSES FOR TESTING EXTERNAL TELEGRAPH CIRCUITS AND A 10-20 CYCLE OSCILLATOR FOR TESTING AND LINE-UP PURPOSES. OPERATES FROM 115/130 VDC 10 WATTS. (RA-87 RECTIFIER SHOWN ON PAGE 8 OF THIS CATALOG WILL OPERATE THIS EQUIPMENT SHIPPED IN WOOD CHEST 24X12X13; WT: 75 LBS.

TRANSMITTER SUB-ASSY. FILAMENT CHASSIS, PART OF AN/ALT-8 COUNTERMEASURES SET. CONSISTS OF CK927 FULL WAVE RECTIFIER CK843 SILICON RECT., TWO CK846 SILICON RECT., MAGNETIC AMPLIFIER TRANS. FIL. TRANS. 115/400CYC. SEC. 6.3/6A. MINIATUR POTS, AND OPST RELAY ALL MOUNTED ON CHASSIS 7 1/2x3x3 1/2; WT: 3LBS. PART #2527-501-G1
 PRICE: NEW \$1.95

TELETYPE PAPER

TELETYPE PAPER 8 1/2 INCHES WIDE 4 1/2 INCH DIAMETER THREE SHEETS OF PAPER 2 SHEETS CARBON, 4 LBS. PRICES: EACH ROLL 50¢; 12 ROLLS \$5.00
TELETYPE PERFORATOR TAPE 11/16" WIDE APPROX. 900 FEET OILED, 3 FOR \$1.00

TELETYPE

TELETYPE TRANSMITTER-DISTRIBUTOR SINGLE CHANNEL MOTOR DRIVEN DEVICE WHICH CONSISTS OF A TAPE SENSING, TAPE FEEDING AND A TRANSMITTING MECHANISM AND DISTRIBUTOR MOTOR WHICH ENCLOSED IN A METAL COVER. MOTOR IS 110 VOLT 60 CYCLE, 1 PH SYNCHRONOUS INDUCTION MOTOR, 1/40 H.P. 2.2 A. SHUNT TYPE MOTOR #5SH25AB11B OR EQUAL.
 Size: 15 1/2x8 1/2x9; WT: 35 LBS. COND. USED BY WU \$14.95 2 FOR \$25.00

DYNAMOTORS

TYPE	INPUT VOLTS	INPUT AMPS.	OUTPUT VOLTS	OUTPUT AMPS.	SIZE	WEIGHT	EQUIPMENT USED WITH	PRICES	
								USED	RE-NEW
DM-21	14	3.3	235	.090	6x5x3	8	BC-312	\$4.95	\$7.95
DM-28	27.9	1.25	220	.070	3x5x6 1/2	5 1/2	BC-348	4.95	
DM-25	12	2.2	250	.050	3x3x4 1/2	3	BC-367	2.95	4.95
DM-45	24	1.1	250	.050	3x3x4 1/2	3	BC-667	2.95	4.95
DM-34	14	2.8	220	.080	3x4 1/2 x 6 1/2	5	BC-603-683	2.95	4.95
DM-36	28	1.4	220	.080	3x4 1/2 x 6 1/2	5	BC-603-683	2.95	4.95
DM-40	14	3.4	172	.138	7x5 1/2 x 3 1/2	7	BC-652	\$6.95	
DM-41	28	1.7	172	.138	7x5 1/2 x 3 1/2	7	BC-652		
DM-42	12	39	515	.215					
			1030	.260	7x7x11	38	BC-653		
DM-43	24	19.5	515	.215					
			1030	.260	7x7x11	38	BC-653		9.95
DM-53AZ	14	2.8	220	.080	4 1/2 x 3 x 3 1/2	3	BC-733	2.95	4.95
DM-53	28	1.4	220	.080	4 1/2 x 3 x 3 1/2	3	BC-733	3.95	N
DM-32	28	1.1	250	.060	4 1/2 x 3 1/2 x 3	3	VARIOUS	2.95	4.95
DY-2/ARR-2	SAME AS 35x032	2.2	250	.060	4 1/2 x 3 1/2 x 3	3	AS DM-32		4.95
DM-33	28	5	575	.160	6x3x3 1/2	6	BC-456	9.95	
DM-35	12.5	18.7	625	.225	8 1/2 x 4 1/2 x 4 1/2	13	VARIOUS		20.00
DM-37	25.5	9.2	625	.225	8 1/2 x 4 1/2 x 4 1/2	13	"		\$9.95
BD-69	14	2.8	220	.080	6 1/2 x 6 x 4 1/2	10	VARIOUS	3.95	
BD-77	14	39.0	1000	.350	11x10x6 1/2	40	BC-191	\$14.95	\$19.95
BQ-83	14	6.5	375	.150	6 1/2 x 5 1/2 x 4 1/2	10 1/2	SCR-183		7.95
BD-93	28	3.2	375	.150	6 1/2 x 5 1/2 x 4 1/2	10 1/2	SCR-283		4.95
PE-73	28	19	1000	.350	11x10x6 1/2	39	BC-375	WRITE F/PRICE	
PE-86	28	1.25	250	.060	5x5 1/2 x 3 1/2	3 1/2	VARIOUS	2.95	4.95
PE-94	28	10.5	300	.260	12x5x8	35	SCR-522	4.95	
			150	.010					
			14.5	5.0					
PE-94	SAME AS ABOVE								4.95
PE-98	14	21.0	300	.260	12x5x8	35	SCR-522	5.95	9.95
			150	.010					5.95
PE-98	SAME AS ABOVE								5.95
PE-101	13/26	12/6	400	.135	14x4x7	15	BC-645	4.95	7.95
			800	.020			ABA		
PE-133	12	2.3	230	.090	4x7x6 1/2	1	BC-1003	4.95	6.95
DY-1	14	2.4	250	.060	3x3x4 1/2	3	VARIOUS		4.95
DY-2	28	1.2	250	.060	3x3x4 1/2	3	"	2.95	4.95
DY-9	26	4.3	360	.135	9x5x3 1/2	10	"	9.95	
DY-10	13/26	4.3/8.7	"	"	"	11	"	12.95	
DY-21	27	7.0	410	.325	7 1/2 x 3 x 3 1/2	9	T-67/ARC-3	7.95	
DY-22	27	1.8	210	.125	3 1/2 x 3 x 6	5	R-77/"	4.95	
DY-17A/ART-13A	EICOR ML-5023-1	SPECIAL							
DY-17	27	32	410	.400	6 1/2 x 8 x 12	33	T-47A/ART-13	15.00	20.00
DY-17	27	33	750	.350	"	30	"	12.95	
DY-17	27	33	400	.750	"				
DY-17	DYNAMOTOR ONLY	LESS FILTER BASE							6.95
DA-1A	28	1.6	230	.100	3 1/2 x 3 1/2 x 5 1/2	6	VARIOUS	3.95	6.95
DA-1F	25	14.8	540	.450	4 1/2 x 4 1/2 x 8	15	"		9.95
DA-12	12.5	29	540	.450	"	15	"		20.00
			14.8	"					
DA-14	14	3.3	230	.100	3 1/2 x 3 1/2 x 6	6	"	4.95	6.95
DA-19	28	11	400	.400	8x4 1/2 x 4 1/2	13	"	4.95	6.95
D-401	12	9.9	400	.180	4x4 1/2 x 7	10	T.C.S.		6.95
D-401SP	12	9.9	440	.200	"	10	TCS/SP		8.95
D-402	12	3.8	220	.100	3x3x5 1/2	3	T.C.S.		4.95
41S6	13	13.0	300	.225	8 1/2 x 4 1/2 x 4	10	VARIOUS		7.95
			250	.060					
377	14	8.0	425	.163	5 1/2 x 6 x 8 1/2	13	"	6.95	9.95
21772	12	3.0	235	.075	6 1/2 x 5 x 4	7	"		4.95
1286534	24	1.75	300	.070	3x3x4 1/2	3	UNK		4.95
DMX310	12	2.8	150	.100	3x3x4 1/2	3	"		4.95
D101	27	1.75	285	.075	"	3	"		5.95
PM-0516	12/24	8/4	275	.110	7 1/2 x 4 1/2 x 3	6	RT-7/APN-1	3.95	6.95
							MARK 1 #3		
VRC-2	5.5	31	600	.175	7x4 1/2 x 4 1/2	8	T-193		7.95
259K1003	24	7	405	.270	7x4x5	12	MOTOROLA		6.95
MA-2503	6	3.6	250	.030	3 1/2 x 5 x 3	6	BC-1323		4.95
DMF-519H	28	18	630	.500	8x4 1/2 x 4	10			14.95
DYA4223F	28	28	1000	.500	8 1/2 x 4 1/2	15			
CARTER 633BS2B	12	25	650	.300	6x4x3 1/2	12	NEW MANUF.		20.00

INVERTERS

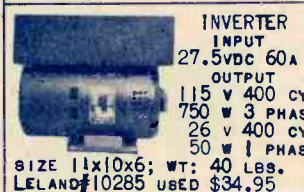


EICOR INVERTER X3516-1
 INPUT: 27.5 VDC 165 AMPS.
 OUTPUT: 115 VOLT 400 CYCLE
 2500 V.A | PHASE
 SIZE: 16x11x8; WT: 75 LBS.
 EXCELLENT COND. \$49.50

PE-218D INVERTER
 INPUT: 25/28 VDC 80-90 AMP
 OUTPUT: 115 V 400 CYCEE
 13 AMP; 1 PHASE
 SIZE: 17x10x9; WT: 75 LBS.
 PRICE: UNUSED \$50.00

5D21NJ3A INVERTER
 INPUT: 27 VDC 35 AMPS.
 OUTPUT: 115 VAC 400 CYCLE
 1 PHASE 2.17 AMPS.
 SIZE: 9x6x5 1/2; WT: 25 LBS.
 USED \$16.95 UNUSED \$24.95

MG-149F INVERTER
 INPUT: 24 VDC 36 A. 750 VA.
 OUTPUT: 115 V. 400 CYCLE
 1 PHASE 500 VA & 26 V. 400
 CYCLE 1 PHASE 250 VA.
 SIZE: 12x8 1/2 x 8; WT: 25 LBS.
 PRICE: USED \$24.95



INVERTER
 INPUT 27.5VDC 60A
 OUTPUT 115 V 400 CY
 750 W 3 PHASE
 26 V 400 CY
 50 W 1 PHASE
 SIZE 11x10x6; WT: 40 LBS.
 LELAND#10285 USED \$34.95

LELAND MS-17404 INVERTER
 OUTPUT: 115/200-115V.
 400 CYC. 3 PHASE/1PHASE
 2500VA. -INPUT: 28 VDC
 170 AMPS. SIZE: 12 1/2 x 7 x 10
 SHPG. WT: 60 LBS.
 PRICE: UNUSED \$75.00



**GENERAL ELECTRIC AIRCRAFT
 ENERGIZER #6PD265AB10**
 INPUT: 220/440 VOLTS 41/20.5
 AMPS; 3 PHASE 60 CYCLE.
 OUTPUT: 14-35 V. REGULATED
 265 AMPS CONT. @ 28.5 VDC
 500 AMPS INTWT.; 3500 RPM
 SIZE: 32x18 1/2 x 10 1/2 SHPG. WT: 670 LBS.
 UNUSED \$250.00

JACK & HEINTZ INVERTER
 #AN-3532-2 INPUT 27.5 VDC
 @ 20 AMPS. OUTPUT 115 VOLT
 400 CYCLE, 3 PHASE, 250VA
 VOLTAGE REGULATED.
 SIZE: 12x7 1/2 x 4 1/2; WT: 20 LBS.
 FED#6125-617-0967
 USED \$14.95 RE-COND. \$22.95

VIBRATOR

POWER SUPPLIES

VIBRATOR
 PACK 12 VDC
 INPUT, 275
 VDC @ 80 MA.
 OUTPUT SELF
 RECTIFYING.
 SIZE: 5 1/2 x 6 x 3
 WT: 7 LBS.
 MALLORY-369
 USED \$4.95

MALLORY#12B300C; 12 VDC @
 3 AMPS. INPUT, 300 VDC @ 100
 MA. OUTPUT. SIZE: 6 1/2 x 4 1/2 x 3 1/2
 WT: 10 LBS.
 PRICE: LESS RECTIFIER TUBE
 USED \$4.95

TBY VIBRATOR PACK CLG20144
 INPUT 4 VDC @ 2.5 AMP.
 OUTPUT 156 VDC @ 35 MA. 1.5
 VDC @ 190 MA. & 7.5 VDC @
 35 MA. SIZE: 6 1/2 x 4 1/2 x 3 1/2; 8 LBS
 USED \$4.95

**PE-104 POWER
 CONVERTER.**
 6 OR 12 VDC
 INPUT, OUTPUT
 90 VDC, 1 1/2 VDC AND -45 VDC.
 SIZE: 4x4x7; WT: 10 LBS.
 NEW \$3.95 W/EXTRA VIB. \$4.95

**PP-855/PRC-14 VIBRATOR
 POWER**
 SUPPLY
 WITH FILTER NETWORK.
 6 VOLTS DC INPUT, 5.35 AMP
 OUTPUT 135 VDC @ 155 MA.
 SIZE: 7 1/2 x 2 1/2 x 2 1/2; WT: 3 LBS.
 NEW \$4.95

**DUAL SIX VOLT
 D.C. VIBRATOR
 POWER SUPPLY.**
 OUTPUT 540
 VDC @ 150 MA.
 CAN BE TAPPED
 AT 270 VDC.
 WITH 2/024 TUBES.
 SIZE: 9x6x5; WT: 10 LBS.
 STK#3H6694-5 NEW \$7.95

**PE-237
 POWER
 SUPPLY
 FOR
 BC-1306
 GRC-9**

**VIBRATOR TYPE WITH 1005 &
 1006 TUBES ALSO VB-16 VIB.**
 VOLTAGE REQ. 6 OR 12 OR 24
 VDC, OUTPUT 525 VDC @ 90MA
 105 VDC @ 42 MA. 6.5 VDC
 @ 2 AMP, 6 VDC @ 500 MA.
 1.3 VDC @ 450 MA. & 130 VDC
 @ 17 MA. SIZE: 10x10x17;
 WT: 85 LBS. RE-COND. \$19.95

**PE-120 POWER
 SUPPLY FOR
 BC-659 BC-620
 TRANS. RECEIV
 ER. VIBRATOR
 TYPE VOLTAGE
 REGULATED.
 WITH TUBES
 VR-105/OB-3, 1005 & BALLAS
 VOLTAGE INPUT 6 OR 12 OR 24
 DC OUTPUT 145 @ 175 MA, 90
 @ 40 MA & 1.5 @ 75 AMP.
 SIZE: 4 1/2 x 13 1/2 x 15 1/2; WT: 30 LBS.
 RE-COND. \$7.95**

PP-18 CONVERTER
 12 VDC 4 AMP TO
 24 VDC 1.5 AMP.
 PARRALLEL FOR
 MORE CURRENT.
 WITH SPARE VIB-
 BRATOR & 3500
 MFD. 25 VOLT CAP. ALSO PLUG
 SIZE: 6 1/2 x 5 1/2 x 8 1/2; WT: 10 LBS.
 NEW \$4.95


GENERATOR

GENERATOR
 G - 24
 AC - DC
 115 V. 800 CYC 10.5 AMPS.
 24 V. D.C. 60 " "
 SPLINE SHAFT SIZE 7/8x1 1/2
 SIZE: 6 1/2 x 7 1/2 x 13; WT: 45 LBS.
 RE-COND. \$24.95


D.C. GENERATOR 30 V. 200 A.
 4400 TO 8000 R.P.M. 1/2 x 1 1/2 IN
 SPLINED SHAFT, FLANGE MGT.
 SIZE: 10 1/2 x 6 x 8; WT: 36 LBS.
 GE#2CM637B RE-COND. \$24.95

BENDIX GENERATOR 12 VOLTS
 D.C. 50 AMPS. SPLINED SHAFT
 3/4x1 1/2, 6" FLANGE, 12 MOUNT-
 ING HOLES, 3500-4000 R.P.M.
 SIZE: 6x11; WT: 36 LBS.
 #R-86-EC310-27A NEW \$12.95

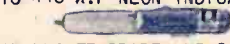
TRAILER LIGHTS BALANCING LOAD ASSY. USED FOR TAIL AND STOP LIGHTS. CONTAINS RESISTORS 1.1 40 WATT, 1.5 40 WATT, .6 & .8 OHM 70WATT SIZE 7x2x4; 3 LBS. MOPAR#B7015812 \$1.50



BUZZER 24/28 VOLTS D.C. IN SEALED CAN. TWO HOLE MTG. SIZE: 3x2x1 1/2. WT: 1 LB. #MH-12079 \$.75




TS-446 R.F. NEON INDICATOR
IN LUCITE PROBE, NE-2 BULB
SIZE: 4 1/2 x 3/8 W/CLIP \$1.00



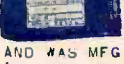
GEARED MOTOR & POTENTIOMETER CONTROL. EASTERN AIR MOTOR J330-24, 120 V. 400CY 1/50 H.P. CONNECTED TO GEARED ASSY TERMINATING TO SPLINED SHAFT RECEPTACLE, SMALL TYPE, THAT TURNS 45 RPM, ALSO GEARED TO TRIPLE GANGED POTS. THAT TURN 1/5 RPM WITH INDICATOR, 2 POTS 1K OHM 1/200K. SIZE: 5 1/2 x 3 1/2 RD. WT: 3 LB. #7608155 REM \$3.



CRY BUTTONS REFLECTORS, CAN BE USED TO MAKE SIGNS OR MARKERS. SHINE WHEN LIGHT STRIKES 1/2" DIA. REQUIRES #10 NUT FOR MTG. NC#15-1, CARD OF 100 \$2.00



MAGNETIC AMPLIFIER SENSING UNIT. THIS UNIT HAS 8 TERMINALS AND WAS MFG. BY MAGNETIC AMPLIFIERS INC. THE SPECS. WE DO NOT HAVE AVAILABLE. SIZE: 2x2x4; WT: 1LB. #AG#60079, 16 UNUSED \$1.50



TELEREGISTER READOUT
IMPLUSE COUNTER RACKET TYPE NUMBERED 1-2-3-4-5-6-7-8-9-0, OPERATES FROM 12 VOLT DC NUMBER SIZE 3/8x1, MASK SIZE 1-3/8x1-7/8 LENGTH 4" WT: 1/2 LB. #TELEREGISTER K-1 PRICE: 79¢ EA. 2 FOR \$1.50



BRUSH SETS

DY-12	DM-21	DM-25	DM-28	DM-32
DY-17	DM-33	DM-34	DM-35	DM-36
\$3.00	DM-37	DM-40	DM-41	DM-42
PER	DM-43	DM-45	DM-53	DM-64
SET	BD-83	BD-77	BD-93	BD-69
	PE-73	PE-86		
	DA-1A	DA-12	DA-14	DA-1F
	DY-21	DY-22		SP-125


OTHER TYPES ALSO AVAILABLE SET OF FOUR BRUSHES \$1.00




TIME-O-MATIC SIGN CONTROL MODEL 53 K-156
115 VOLT 60 CYC. 15 CONTACTS 15 AMPERES EACH, ONE CONTACT MAKES & BREAKS EACH SEC. THEN MAKES FOR 7 SEC. OTHER CONTACT MAKES FOR 11 SECONDS JUST AFTER FIRST CONTACT FINISHES MAKING & BREAKING SIZE: 2x4 1/2 x 6; 3 LB. \$2.95




TIME-O-MATIC SIGN CONTROL MODEL 53 K-155
115 VOLT 60 CYCLE, THREE CONTACTS 15 AMPERES EACH, TWO (2) CONTACTS ALTERNATE MAKE AND BREAK ONCE PER SECOND FOR 15 SECONDS, OTHER CONTACT BREAKS FOR 20 SEC. WHILE THE OTHER 2 ARE ALTERNATING THEN ALL 3 MAKE AT THE SAME TIME. THEN CYCLE REPEATS AGAIN. SIZE: 3x5 1/2 x 6; 3 1/2 LBS. \$4.95



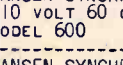
SYNCHRON CLOCK MECHANISM, No. 610
110 V. 60 CYC. 3 WATT 1 RPM MOTOR #143RA WITH GEAR ASSY WITH RESET. ALSO DUST COVER. SIZE: 3x3 1/2 x 2; 1 LB. #33-18-C1 \$1.75



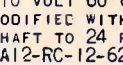
SYNCHRON CLOCK MECHANISM, No. 610
110 V. 60 CYCLE 3 WATT 1 RPM #EC-129RB, WITH GEAR ASSY, NO RESET OR COVER. 2x2x2 1/2; 4OZ. \$1.35



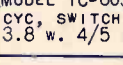
HANSEN SYNCHRON CLOCK MOTOR
110 VOLT 60 CYCLE ONE R.P.M. MODEL 600 \$1.50



HANSEN SYNCHRON CLOCK MOTOR
110 VOLT 60 CYCLE 10 R.P.H. MODIFIED WITH SLEEVE OVER SHAFT TO 24 R.P.H. #A12-RC-12-62 \$1.50




CRAMER TIMER SWITCH ASSY. MODEL TC-60SEC, 230 V 60 CYC, SWITCH 5 AMP. CONT. 3.8 W. 4/5 RPM MOTOR. \$1.95




TIMER 115 VOLT 60 CYCLE 1 RPM WITH 15 AMP. 115 VOLT 60 CY MICROSWITCH. ACTUATING WHEEL CAN BE NOTCHED FOR SHORTER PERIOD OF CONTACT. SIZE: 3x2x2; WT: 3 OZ. HAGAN#04465 RE-MOVED \$2.95




TIMER SPRING WOUND 360 DEGREES ONE HOUR, CAN BE TURNED ANY DEGREE & BELL WILL RING WHEN SPRING IS UNWOUND. SLOTTED & FLATTENED SHAFT FOR KNOB. LUX#230 SIZE: 2 1/2 x 1 1/2; WT. 4 OZ. \$1.00




AS-207/CRT-3 ASSY WITH 300 FT OF 16 STRAND BRAIDED CADMIUM ALLOY COPPER WIRE ON RL-48 REEL WITH CRANK MOUNTED TO ALUMINUM DOOR WITH ADJUSTABLE BRAKE AND SNAP SWIVEL USED AS ANTENNA FOR GIBSON GIRL TRANSMITTERS, WIRE IS ATTACHED TO BALOON OR KITE WHICH IS NOT SUPPLIED. SIZE: 4x2; 2 LBS. \$5.95




CO-213 CABLE 7 #20 SHIELDED 2 SEPARATE RUBBER-CVRO. 29 FT. \$2.50; 39 FT. \$3.50




CA-76 CABLE RUBBER COVERED 2 CONDUCTOR #10 15 FOOT LENGTHS LUGS ONE END. 5LBS. \$1.75 3 FOR \$5.00




BIRNBACH #7218 SIZE 18 STRANDED TYPE WL. EXT. NYLON JACKET 1000 FT. REEL \$5.00




ELECTRIC DEFROSTER
6 VOLTS D.C. DEFROSTER FOR CAR OR TRUCK. USE TWO IN SERIES FOR 12 VDC. MOUNTS BY USE OF SUCTION CUPS, HAS FOUR WIRES RUNNING THROUGH GLASS WHICH IS 8"x16". THREE FOOT CORD WITH CONNECTOR FOR LONGER LENGTH CABLE, SWITCH FOR LOW & HI. COMES IN METAL STORAGE CASE WT: & LBS. PRICE: \$3.95



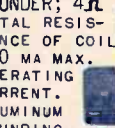
VERNIER SET ATC TIMER WITH 15 MIN. TIMING PERIOD. SYNCHRONOUS MOTOR OPERATES FROM 230V 60 CYC AND HAS SPDT CONTACTS FOR CONTROL OF INDUSTRIAL EQUIPMENT. SIZE 6 1/2 x 5 1/2 x 3 1/2 WT. 5 LBS. PRICE \$9.95 NEW




IMMERSION HEATER 24 VOLT AC/DC 50 W. WATTS
2 GALLON, 3" PRESS CAP, 4 1/2" SCREW CONE, 12" HEATING ROD & 5 FT. CORD. WT: 4 LBS. #LFCEA8801 \$2.95




TELEGRAPH SOUNDER; 4R
TOTAL RESISTANCE OF COILS 250 MA MAX. OPERATING CURRENT. ALUMINUM SOUNDING BAR, BRASS BRIDGE AND SOUNDER PLATE, WOOD BASE. 2 ADJUSTABLE SOUNDING BAR STOPS, 1 ADJUSTABLE TENSION SPRING SCREW; 2 TERMINAL SCREWS ON BASE. SIZE: 5 1/2 x 4 1/2 x 2 1/2; 3LBS. #4A2301 PRICE: \$4.95




TIME MARK TIMER SPRING WOUND 15 MINUTE UNIT OR ANY PART OF CLOSING SWITCH AT END OF PERIOD, 115 VOLT 15 AMP CONTACT SIZE: 2 1/2 x 1 1/2; WT: 3 OZ. RHODES#1462 NEW \$2.50




BELL 1" GONG 3 VDC EDWARDS #13 LUNGEN SIZE 1, CHROME PLATE USED WITH BD-71-72 SWITCHBOARDS. SIZE 3/8x1x3; 2 OZ. #42416 59¢ 2/\$1



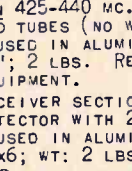
6/12 VDC BUZZER CHROME, #1x1 1/2; 2 OZ. J-3 59¢
PUSH-BUTTON SWITCH CHROME & BLACK, SINGLE HOLE MTG. NO. #J-3-PB 39¢
ALLIGATOR CLIP WITH PINCH SPIKE JAWS AND SCREW HOLDER FOR WIRE, 2" LONG. 12 FOR \$1.00



RADIO FREQUENCY SECTIONS TRANSMITTER RECEIVER 418-462 MC PART OF R/T-7/APN1



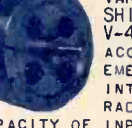
TRANSMITTER SECTION OSCILLATOR CAN BE ADJUSTED BETWEEN 425-440 MC. WITH TWO 955 TUBES (NO WOBULATOR) HOUSED IN ALUMINUM CAN 2 1/2 x 3 1/2 x 6"; 2 LBS. RE-MOVED FROM EQUIPMENT. RECEIVER SECTION, BALANCED. DETECTOR WITH 2-9004 TUBES. HOUSED IN ALUMINUM CAN 2 1/2 x 3 1/2 x 6"; WT: 2 LBS. RE-MOVED FROM EQUIPMENT. RT-7/APN-1 RECEIVER OR TRANSMITTER SUB-ASSEMBLY PRICE: WITH TUBES... \$1.50 LESS " .75



BROADBAND TUNER 14 TO 50 MC VARIABLE CAPACITOR COUPLED TO VARIABLE INDUCTOR, AS CAPACITOR IS ROTATED, IRON SLUG IS MOVED IN AND OUT OF COIL. BALANCE OF ASSY. CONSISTS OF CERAMIC OCTAL SOCKET, RESISTORS AND CONDENSORS TO MAKE RF TUNER. SIZE: 3 1/2 x 2 x 3; WT: 1LB. RT-45 TUNER ONLY \$1.95




VARI-GON PHASE SHIFT CAPACITOR V-42. USED FOR ACCURATE MEASUREMENT OF TIME INTERVALS IN RADAR SYSTEMS. CAPACITY OF INPUT PLATE TO HOUSING 4.4 MMF. OUTPUT PLATE 15.6 MMF. CAP. VAR. OF INPUT TO OUTPUT PLATE 1.2 TO 4.9 MMF. SIZE: 2 1/2 x 1; 1 LB. \$2.95



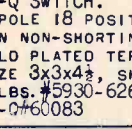
CAPACITY TUNER WITH AUTOTUNE 160 TO 211 MC WITH COND. RESISTORS 2/50-239 1/2C26 7 1/2 x 5 1/2 x 5 7 LBS. WITH TUBE \$2.95




RT-58/RT-12 CHANNEL SELECTOR AND MOTOR ASSY. 10 POSITION AUTOTUNE MOTOR DRIVEN 26.5 VDC WITH 2 SHAFTS 60 RPM ALSO RELAYS. 4 1/2 x 6 x 3 1/2; 5 LB. #596C-1 \$2.95



MULTIPOSITION HI-Q SWITCH. 6 POLE 18 POSITION NON-SHORTING GOLD PLATED TERMINALS. SIZE 3x3x4 1/2; 2 OZ. #5930-626-6224 HI-Q#60083 \$2.95



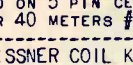
RATE-GYRO No. 8511364 28 VOLTS D.C. GYRO MOTOR WITH POTENTIOMETER. WESTERN ELECTRIC GA-10147--3 SIZE: 2 1/2 x 2 1/2 x 4; WT: 3LB. \$4.95



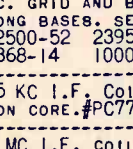
COMMAND RECEIVER COILS

85 KC	1.F.	\$1.50
1415 KC	1.F.	\$1.50
2830 KC	1.F.	\$1.50
1415 KC	OSC.	\$1.00
2830 KC	OSC.	\$1.50
3 TO 6 MC	RF	\$1.50
6 TO 9 MC	RF	\$1.50

BUD TRANSMITTING COIL MOUNTED ON 5 PIN CERAMIC BASE FOR 40 METERS #3C804 \$1.00



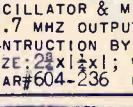
MEISSNER COIL KIT FOR SIGNAL SHIFTERS, PLUG IN TYPE. THREE (3) COILS OSC. PLATE. OSC. GRID AND BUFFER, 5 & 6 PRONG BASES. SET OF 3 COILS 3C2500-52 2395-2835KC \$1 3C368-14 1000-1170KC \$1



465 KC 1.F. COIL SLUG TUNED IRON CORE. #PC77366-7 \$.75



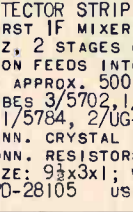
30 MC 1.F. COIL SLUG TUNED IRON CORE #2727943.8 \$.50




F.M. TUNER 88-108 MHZ THREE TRANSISTORS IN R.F. OSCILLATOR & MIXER STAGES NO. 7 MHZ OUTPUT. MINATURE CONSTRUCTION BY LEAR CO. SIZE: 2 1/2 x 1 1/2 x 1; WT: 4 OZ. LEAR#604-236 USED \$1.00



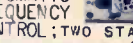
SYNTHESIZER 1.F. & A.F.C DETECTOR STRIP ASSEMBLY. FIRST IF MIXER APPROX. 12 MHZ, 2 STAGES OF AMPLIFICATION FEEDS INTO MIXER WITH 1F APPROX. 500 KHZ. WITH TUBES 3/5702, 1/5703, 1/5829 & 1/5784, 2/UO-1051 COAX. CONN. CRYSTAL SOCKET, INPUT CONN. RESISTORS, COND. ETC. SIZE: 9 1/2 x 3 x 1; WT: 3 LBS. #RD-28105 USED \$2.95



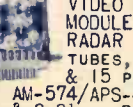
BROAD BAND AMPLIFIER
BROADBAND AMPLIFIER 60 MC 5 MC BAND WIDTH USING 5S-717 TUBES, TRANS. COUPLING INPUT STAGES 2 & 3 & DETECTOR, STAGES 2 & 4 TUNED CIR. 60 MC. DC VOLTS 280. PLUG-IN UNIT WITH OCTAL MALE TO BE TYPE BASE, SINGLE TYPE INPUT JACK. SIZE: 13x3x2; WT: 5 LBS. WE#D150786 P/O BC-1148 PRICE: WITH TUBES \$3.95 LESS TUBES \$1.95



AUTOMATIC FREQUENCY CONTROL; TWO STAGE AMPLIFIER DISCRIMINATOR & DC AMPLIF. USING 2/6AC7, 1/6H6 & 1/6SQ7 TUBES. RESISTANCE COUPLED INPUT & OUTPUT, SLUG TUNED INPUT. TUBE TYPE 8 CONTACT PLUG, SINGLE CONT. INPUT & OUTPUT JACKS AND VAR. POT. DC VOLTAGE REQ. 280. USED W/O ABOVE UNIT. SIZE: 8x2x1; WT: 1 LB. WE#D150980 P/O BC-1148 PRICE: WITH TUBES \$3.95 LESS TUBES \$1.95



VIDEO AMPLIFIER MODULE FOR APS-44 RADAR WITH 3/5977 TUBES, RESISTORS & 15 PRONG PLUG. P/O AM-574/APS-44; 8 OZ. SIZE: 3x3x3 1/2; PRICE: \$1.00



AC-DC Motors

Hi-Speed

Gear Reduction's

Blowers

G-25A HAND TYPE MAGNETO GENERATOR
USED TO RING TELEPHONE LINES;
APPROX. OUTPUT 100 VOLTS. CAN BE
USED AS SHOCK MACHINE, LIGHT
SMALL LAMPS OR DRIVE WORMS OUT OF
THE GROUND. PERMANENT MAGNETS.
SIZE: 4 1/2 x 2 1/2 ROUND; SHPG. WT: 1 1/2 LBS. USED \$2.95



DC AIRCRAFT MOTOR; GE#5BA50LJ29
.4 HP; 300 RPM; 60 ARM V. 27 AMPS.
FLD. 2.3; ARM 6.5; DUTY: 10 MIN.
INT. AT FULL ARTING; SHAFT: CORK
SCREW 5/8" DIA. FLANGE MTG; 3 1/2 CNTS
SIZE: 6 1/2" LESS SHAFT x 4 1/2 x 4 1/2; WT: 11 LBS. UNUSED \$4.95

MARK-18 GUNSIGHT GYRO UNIT; CONTAINS
2 AUTOSYNS WHICH ARE CONNECTED BY
A SPRING BELT. MOUNTS FOR 1 1/2" AND 2 1/4"
MIRRORS ON UNIT. MIRRORS NOT AVAILABLE
SIZE: 3 1/2 x 3 1/2 x 5 WT: 3 LBS. USED \$1.00

RATCHET MOTOR, 24 VOLT DC 60 RPM CONTINUOUS
ALSO 3 POSITION STOP. BAND SWITCH ASSEMBLY
AS USED IN R-5/ARN-7 COMPASS RECEIVER.
UNIT WILL ALSO OPERATE ON 18 TO 24 VDC.
SIZE: 3x4 1/2; WT: 1 1/2 LBS. STK# 609-ARN-7
PRICE: \$1.25

WESTINGHOUSE BUSINESS MACHINE MOTOR 25 MHP
115 VOLTS 50/60 CYCLE .5/.4 AMPE
TYPE FL 4.0/3.0 MFD. 1425/1725
RPM. SIZE: 4 1/2 x 4 x 4; WT: 5 LBS.
SHAFT 5/16 x 3/4 FLATENED. FOR USE
IN RUBBER SHOCK MOUNTING BRACKE
PRICE: NEW \$4.95

TELETYPE MOTOR AC; 110 VOLT 60 CYCLI
1 PHASE, NON-SYNCHRONOUS, 1/25 HP,
1800 RPM, 1.25 AMP., DOUBLE SHAFT
1 1/2 x 3/16 x 5/8 x 3/16. MOTOR SIZE 5 1/2 x
5 x 5; WT: 13 LBS. GE#28478
USED \$4.95

LEECE-NEVILLE 24 VOLTS D.C. .75 H.P.
4500 R.P.M 45 AMPS. SPLINED SHAFT
5/8" x 3/4", WITH FOUR HOLE MOUNTING
BASE AND FOUR HOLE MOUNTING FL.
4 1/2 x 4 1/2, MOTOR SIZE 4x4x7; WT: 24 LBS.
LE TYPE #1504M UNUSED \$7.95

GENERAL INDUSTRIES HEAVY DUTY PHONOGRAPH
MOTOR; 115 VOLT 60 CYCLE 33 1/3 RPM
SIZE: 4x4 1/2 x 4; WT: 6 LBS. GI#4483 \$1.95

NSP-11-R SPEED REDUCER MOTOR, BODINE MFG.
115 VAC .30 AMPS; 1600 RPM SINGLE PHASE,
1/250 HP 60 CYCLE; CONT. DUTY. GEARSHAFT
RPM: 44; TORQUE: 2.8 IN-LBS. WITH STAND.
ELECTRICAL PLUG AND ON-OFF SWITCH. 7 1/2 x 5 1/2
x 4 2" L. 3/8" DIA. SHAFT; WT: 10 LBS.
PRICE: USED \$5.95

PM MOTOR ASSEMBLY & GEAR TRAIN
USED IN R-44 RECEIVER FOR REMOTE
TUNING. CONTAINS DELCO PM MOTOR
#5069370, 10,000 RPM ATTACHED TO
A GEAR ASSY. THAT HAS TWO SHAFTS
80 RPM AND IS GEARED TO TWO
SHAFTS WITH 3" & 1 1/2" GEARS THAT
THAT TURN AT 40 & 80 RPM. ASSY
SIZE 4 1/2 x 6 x 3; SHAFT SIZES 1/2 x 3/4
WT: 3 1/2 LBS. STK.#3H3100-15
PRICE: \$4.95

DELCO P.M. MOTOR 5067125, 27 1/2 VDC
10,000 RPM. 2/GOVERNOR AND TAPERED
SHAFT 1/16 x 3/16, MOTOR SIZE 3x1x1.
PRICE: USED \$3.95

DELCO MOTOR 27 vdc, 1/30 HP. 2.4 AMP
3600 RPM, SHAFT SIZE 1/2 x 1, MOTOR 5 1/2 x
2 1/2. WT: 1 1/2 LB. UNUSED \$2.95

DELCO P.M. MOTOR #5069466, 27.5 VDC
IN ALUMINUM CASE GEARED TO WORM GEAR
MOTOR SIZE 1 1/2 x 1 1/2 x 2 1/2, 10,000 RPM.
CASE SIZE 2 1/2 x 2 1/2 LESS MTG. SIZE.
WORM GEAR 2000 RPM, WT: 2 LBS.
STK# 3H3100A-1 PRICE: \$2.95

John Oster type C 24A-1B - KS-5829-
OT 27 VDC 1/100 HP 7000 RPM DC
Series Motor 2" D X 3" L. Shaft
1/2 x 1 Wt. 1 lb
USED 75¢ UNUSED \$1.25

MERCURY MOTOR 24 TO 28 VOLT 60 CYCLE OPEN
FRAME TYPE, APPROX 2500 TO 3000 RPM DEPEND-
ING ON OPERATING VOLTAGE & LOAD.
SIZE: 2 1/2 x 2 1/2 x 3; WT: 1 LB. #MER-MO2428 75¢

EMC TYPE 300, 45 v 60 cyc, 6 1/2 RPM
LIGHT OPEN FRAME 5x2 1/2 x 1 1/2; SHAFT
3/16 x 1; 1 LB. \$1.50

12 VOLT D.C MOTOR w/ MAKE & BREAK
CONTACT, APPROX. 5000 RPM, 1/20HP
SCIE 4 1/2 x 3; SHAFT 1" x 1/2; #ENOT453 PRICE: \$1.95

Delco 5069370 27 VDC Reversible PM
Motor and Gear assm. in an Aluminum
case. Output speed is 80 RPM through a
friction clutch to a double shaft 1/2 x
3/4 on one side, 1/2 x 1 1/2 on the other.
Size complete assm. 3 5/8 x 2 x 4 1/2 ex-
cluding shaft. Has built in noise
filter system. Wt. 1 lb. 5 oz.
Price..... \$ 4.95

TG-10 KEYER MOTOR, 115 VOLT 60 CYCLE
1550 RPM, SHAFT 1-7/8", GEARED TO 80 RPM.
SIZE: 3 1/2 x 3 1/2 x 4 1/2; WT: 3 LBS. #3H3000-3
REMOVED FROM TG-10 EQUIPMENT
\$2.95

MOTOR OPEN FRAME, 117 V. 60 CYC
500 RPM 1 DIRECTION, 1000 OTHER.
SHAFT 1/16 x 1/2 x 3 x 4; #B30B 2LB \$1.

MOTOR 24 VDC, 2800 RPM, 6.5 AMP.
1/10 HP. SHAFT 1/2 x 1, REVERSIBLE.
5x3x3; 6 LB. EMERSON 0412 \$3.95

LINEAR ACTUATOR, STAT. 200, TENS. 40
COMP. 40, ARM TRAVEL 5/16". MOTOR 115v.
400 CYCLE; 6000 RPM DUTY 1/10; .04 HP;
TORQUE 6.7 IN-OZ. SIZE: 5x5x3 1/2; WT: 5 LB
AIRSEARCH#34930 USED \$3.95

WE KS-5871-LO1 MOTOR 28 VDC 3.3 A
5600 R.P.M. 1/25 H.P. SERIES WIND
CONTINUOUS DUTY, REVERSIBLE,
WITH SPEED GOVERNOR. (WILL ALSO
OPERATE FROM 12 VDC AT REDUCED SPL
SHAFT 1/2 x 1, MTR. 6 1/2 x 3 1/2; 5LB; U/U \$7.95

Bendix LM108J 24VDC 1/25 HP 15,000 RPM
Series Motor. Geneva Loc. Actuator. Shaft
rotates 4 revolution and stops and is
locked in place until next contact is
made then the cycle is repeated-time per
cycle app. 3 seconds. Size 4 X 2 1/2 X 5 1/2.
Shaft size 1/2 x 1/2. Wt. 1 lb. 14 oz.
Price..... \$ 4.95

LINEAR ACTUATOR, STAT. 200, TENS. 75-
100, COMP. 75-100, ARM TRAVEL 3/8". Mo-
TOR 115v. 400 CYCLE; 6500 RPM. .025 HF
1.2 AMP, 1-10 DUTY; TORQUE 3.9 IN-OZ.
SIZE: 5x8 1/2 x 4 1/2; WT: 4 LBS.
AIRSEARCH#30146-120 USED \$3.95

ELECTROLUX MOTOR 28.5 VDC. 1.8 AMPS.
2200 RPM. 1/35 H.P. SHAFT SIZE 1 1/2 x 1/2
MOTOR SIZE: 4 1/2 x 3 1/2; WT: 5 LBS.
PRICE: \$3.95

LOW SPEED MOTOR; 230 v 60 cyc.
10 R.P.M WITH GEAR BOX, SHAFT
1/2 x 1/2" MOTOR SIZE 2 1/2 x 2 1/2 x 4; 2 LBS.
\$1.95

Eighty (80) VOLT 60 CYCLE 78
RPM PHONO MOTOR ON MOUNTING
PLATE. WILL ALSO OPERATE FROM
110 V W/RES. 3x3x3; 2LB \$5.9

AC GEARHEAD MOTOR; GE MOTOR #5KC35KG
115 VAC 60 CYCLES; .25 HP 1725 RPM.
THERMALLY PROTECTED. BOSTON RATIO-
MOTOR GEARHEAD: 35 RPM; TORQUE
192 FT-LBS. RIGID CRD MOUNTING.
SIZE: 14 1/2 x 6 1/2 x 6 1/2 LESS 1/2" DIA. SHAFT.
SHPG. WT: 50 LBS. USED \$39.50

GEARHEAD MOTOR 115 V.
60 cyc. 54
RPM, OPEN
FRAME F/MED
USE, SHAFT
5/16 x 1/2
4x3x2 1/2 MO.
#9M203 UNUSED \$2.95

GEARHEAD MOTOR
115 VOLT 60 CY
3.44 RPM
OPEN FRAME
TYPE. F/LIGHT
USE. SHAFT 4"
x 5/16, MOTOR
6x2x3, 1 1/2 LB. \$1.95
#ZA-1056 UNUSED \$1.95

ART-13 MOTOR 28
VOLT D.C 3900
RPM, 1/20 H.P.
REVERSIBLE, BALL
BEARING. WILL
OPERATE 12 VOLT
SIZE 3x3x3 1/2; 2LB. #B-101/8037
800. USED \$1.75 UNUSED \$2.75

OSTER 10 CFM Blower
John Oster motor C2BP-1A
27.5 VDC 1/100 HP 6000
RPM with blower 10CFM.
Size 3 1/2 x 3 1/2 x 4 1/2 Wt 1 1/2
Motor & Blower \$3.95 Motor only 1.95

400 CYCLE BLOWER
Eastern Air Devices
10 CFM Blower 115 Volt
400 cycle, 1/100 HP
motor. Size 3 1/2 x 3 1/2 x 4 1/2
Wt. 1 lbs.
PRICE: \$2.95

PINCO BLOWER
Cast Aluminum house-
ing shunt type motor
24 VDC 5000 RPM, 10
CFM blower. Motor
noise filtered. WT 1lb 10 oz. Size 3 1/2 x 4 1/2 x 4 1/2.
PRICE: \$2.95

ARN-6 BANDSWITCH
GEAR AND MOTOR
ASSY. 28VDC.
BENDIX M-4A MO-
TOR. ASSY. SIZE:
1 1/2 x 1 1/2 x 3 1/2; MOTOR
SIZE: 1 1/2 x 2 x 1 1/2
WT: 3LBS. \$2.95

DELCO PM MOTOR 12 VDC
10,000 RPM, GEARED
TO ASSY. APPROX. 250
TO PLASTICE WHEEL &
POT. 4x3x2; 1 LB.
#5092543/2 \$4.95

B-701/R-107 MOTOR
FROM AS-313, ARN-6
LOOP ANTENNA.
OPERATES FROM 26
VOLT 400 CYCLE,
WILL OPERATE FROM
12 VOLT 60 CYCLE.
GEAR TRAIN ASSY APPROX.
RPM. SIZE 3x2 1/2 x 3; W/3/8" GEAR.
WT: 1 LB. PRICE: \$3.95

12/24 VOLT DC
DUAL BLOWER
APPROX. 50CFM
1500 RPM @ 12
100 CFM 3000
RPM @ 24 VOLT
SIZE: 10x5x5; WT: 5 LB. U \$2.95

28 VDC BLOWER
6200 RPM SIZE:
4 1/2 x 3 1/2 x 3 1/2; WT:
2 LBS. W/ SHUNT
MOTOR \$3.95;
SIMILAR BLOWER
W/PM MOTOR:
WT: 1 1/2 LB \$6.95

115 VOLT 60
CYC. MOTOR
1/75 HP 1PM
1750 RPM
W/3 1/2 x 1"
WHEEL,
SHAFT 5/16
MOTOR SIZE 5 1/2 x 4 1/2 x 4 1/2; BASE 5LB
SM-30-FR USED \$2.95

6 VDC PM MOTOR
USED IN TOY APPL.
DRAWS APPR
OX. 100 MA. NO
LOAD. 1 1/2 x 1 1/2, SHAFT
1/2 x 1/16, 4 oz.
2000 RPM, FP-10-6
39¢ 3 FOR \$1.00

HARDWARE KIT: CONTAINS 50 CLAMPS OF 5 DIFFERENT SIZES, 20 SCREWS, 5 TYPES, 15 WASHERS, 7 LUGS, 4 HEX. NUTS, 8 SPAC ERG. #RC298 5LB. 75¢



RUBBER SHOCK MOUNTS
 4 LB. #4 \$.30
 6 " #6 .35
 10 " #10 .40
 12 " #12 .50
 16 " #16 .60
 24 " #24 .75
 35 " #5215 .75

OTHER TYPE MOUNTS AVAILABLE IN LIGHTER & HEAVIER. ADVISE NEED

TUBE SOCKETS

OCTAL CERAMIC 2 HOLE MTG. \$.25
 " " RING " " .15
 " BLACK " " " " .15
 LOCTAL CERAMIC " " " " .20
 LOCTAL MICA 2 HOLE MTG. .15
 14 PIN MICA SMALL 1 1/2" MTG. .15
 4 PIN CERAMIC 2 HOLE MTG. .25
 5 " " RING " " .20
 6 " " 2 HOLE " " .29
 7 " " " " " " .29
 4 5/7/9 PIN WAFER " " EA. .10
 7/9 PIN MICA SMALL " " " " .20
 9 PIN CERAMIC " " " " .35
 METAL SHIELDS SMALL 7-9 " " .10
 1625 AND 837 7 PIN LARGE .59
 829 CERAMIC SOCKET .75
 872 " " W/SHOULDER .75
 811/866 " " " " .75

GIANT 4 CONTACT CERAMIC FOR 872, 211 ETC. 3 1/2" RD. GE#ML7461594-G1. PRICE: USED \$.39

GIANT 4 CONTACT CERAMIC SOCKET FOR 715, 718 ETC. 3 1/2" RE. STK#227684.98. PRICE: NEW \$.50

CERAMIC COIL FORM F/ART-13 ANTENNA LOAD SIZE 2"x5". NO WIRE 50¢ WITH WIRE \$1.00

REGULATOR CURRENT AUTOMOTIVE TYPE OPEN FRAME 50 AMP. SIZE 2 1/2"x2 1/2"x1 1/2" LB. RD.#G1026184433. DELCO#1884042 \$1.00

TERMINAL STRIPS WITH CLIPPED WIRES
 AMT. TERMINALS -6 -8 -10 -12-14
 1 1/2" WIDE EACH .15 .20 .25 .30 .35
 1 1/2" WIDE " .20 .25 .30 .35 .40

BINDING POSTS 7 ON A BAKELITE STRIP, THUMB SCREW TYPE. TERMINALS. REMOVED FROM EQUIP. PRICE: \$.35 EA. 3 FOR \$1.

SOCKET TURRET, OCTAL, VECTOR MODEL 8-0-9T. 2" TURRET, 9 TERMINALS IN TWO RINGS 1" A-PART. FITS 1" HOLE. 1 1/2" DIA. #5935-829-5819 \$.59 EA. 2/\$1.

SOCKET TURRET, 7 PIN MINATURE; 1 1/2" TURRET, 3/16" DIA.; 7 TERMINALS ON ONE RING. FITS 1" HOLE. #5935-578-9139 \$.59 EA. 2/\$1.

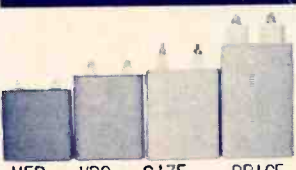
U-102/U ADAPTER TUBE SOCKET; VECTOR MODEL T-8-0. FITS STANDARD 8-PIN OCTAL. FLASH-OVER VOLTAGE 1500+ VDC. 1 1/2"x1 1/2" #U-102/U \$.59 EA. 2/\$1.

Capacitors



MFD	VDC	SIZE	PRICE
24000	3	4x3 RD	\$1.00
2000	15	1 1/2"x4 1/2" RD	.59
1000	50	"	.55
3500	35	2 1/2"x4 1/2" RD	1.00
4000	40	2x4 RD	1.25
7500	35	2 1/2"x4 1/2"	1.95
8000	55	3x4 1/2 USED	1.00
500	200	2x4 USED	1.00

OIL CAPACITORS



MFD	VDC	SIZE	PRICE
50	150	2 1/2"x4x1 1/2"	\$1.50
8	300	2 1/2"x4x1 1/2"	.50
10	400	2 1/2"x4x1 1/2"	.75
3	600	1 1/2"x3x1 1/2"	.40
5	600	2 1/2"x3x1 1/2"	.65
8	600	3 1/2"x5x1 1/2"	1.00
20	600	3 1/2"x4 1/2"x2 1/2"	2.00
10	1000	3 1/2"x4 1/2"x1 1/2"	1.75
24	1000	3 1/2"x6x2 1/2"	7.50
10	1500	3 1/2"x4 1/2"x3 1/2"	3.00
8	2000	3 1/2"x5x3 1/2"	4.75
2	2500	2 1/2"x4 1/2"x1 1/2"	2.00
.6	3000	2 1/2"x4 1/2"x1 1/2"	1.00
.6	3000	3 1/2"x5 1/2"x2 1/2"	5.75
.5	4000	2 1/2"x4 1/2"x1 1/2"	1.00
3x.2	4000	3 1/2"x4x2 1/2"	1.00
2x.1	4500	3 1/2"x3x1 1/2"	1.00
.25	5000	3 1/2"x3x2 1/2"	1.00
.1	5000	4 1/2"x5x3 1/2"	4.00
.5	7500	3 1/2"x6x2 1/2"	3.50

MFD	VDC	SIZE	PRICE
4	1000	2 1/2"x4 1/2"x1 1/2"	\$1.00
8	"	3 1/2"x4 1/2"x1 1/2"	1.50
10	"	3 1/2"x4 1/2"x1 1/2"	1.95
15	1500	2 1/2"x4 1/2"x1 1/2"	1.00
.01	1000	3 1/2"x5 1/2"x2 1/2"	1.00
.01	7500	2 1/2"x3 1/2" RD	1.25
1.0	4000	3 1/2"x5x2 1/2"	2.95

2 MFD @ 4500 VDC; 5x4x3; WT: 4 LBS. #350-762862/ PRICE \$6.95

WESTERN ELECTRIC D170563 CAPACITOR
 1-CAN. 1 UF 5000 VDC
 2-3 1.0 UF 2000 "
 3-4 1.0 UF 2000 "
 SIZE: 5 1/2"x5x2; WT: 3 LB. PRICE: \$1.95

AC CAPACITORS

MFD	VAC	SIZE	PRICE
5	220	3 1/2"x1x4	1.50
40	220	4 1/2"x4x2 1/2"	2.00
50	230	4 1/2"x6x3 1/2"	5.95

ABOVE ITEM IKVA 3 PHASE

ABOVE	ITEM	IKVA	3 PHASE	PRICE
3	330	1 1/2"x3x1 1/2"		.50
7	330	3 1/2"x3x1 1/2"		.75
6	660	3 1/2"x3x2 1/2"		1.00
10	440	4 1/2"x7x4		2.00
3	660	3 1/2"x3x1 1/2"		1.00
4	660	3 1/2"x4 1/2"x1 1/2"		1.25

MOTOR CAPACITOR, WESTINGHOUSE STYLE #773298, WIRING FOR CCW AND CW. SIZE: 6x5 1/2"x3 1/2"; 8LB. \$4.95



ROTARY SELENOID SELECTOR, 11 POSITION, 5 DECK NON-SHORTING, ONE DECK SHORTING. 24 VOLT D.C. SIZE: 5 1/2"x1 1/2" WT: 1LB #5930-084-0908 \$2.50

SWITCH ROTARY CERAMIC WAFER 5 DECK, 1 POLE, 9 POSITION 7x2x2; 1 1/2 LB. SIL. PL. CONT. #5930-185-0597 \$1.95 NEW

SWITCH ROTARY BAKELITE WAFER 8 POSITION, 3 SECTION, SECT. #1 NON-SHORTING TYPE CONT. SECT. #2&3 SHORTING TYPE CONTACTS. 3x2x2; WT: 8 OZ. #3Z9825-75.4 NEW \$1.00

SWITCH ROTARY, 3 SECT; 5 SWITCHING POSITIONS, 6 MOVING, 36 FIXED CONT, 6 POLES 5 THROWS, COMB. SHORTING & NON-SHORT#3Z9824-81.5 \$75

SWITCH ROTARY BAKELITE WAFER 2 DECK, 5 POSITION, 1 POLE MOMENTARY 5 POSIT. 2x2x2 #SW-145 39¢ EA. 3 FOR \$1

GE CERAMIC POWER SWITCHES 2 DECK 3 POSITION 2x5 IN. GE#P42J198-1 G1/394 \$1.95

GE HEAVY DUTY CERAMIC, TWO DECK 4 BREAK 3 MAKE, 2x4" #ML7464910-G1/407 \$1.95

GE HEAVY DUTY CERAMIC, TWO DECK 3 POSITION, 3x4 1/2" #ML7762999-G1/397 \$1.95

SWITCH ROTARY ONE DECK, CERAMIC 11 POSITION, 2" DIA. NO. C-87/S601 75¢ EA.

SWITCH ROTARY CERAMIC TWO DECK FOUR POSITION, SINGLE HOLE MTG. 2" DIA. NO. C-87/S-602 75¢ EACH

SWITCH ROTARY, 2 DECK, 2 POE 4 CIRCUIT EA. DECK. 1 1/2"x1" 3Z9825-66.13 \$.50

SWITCH ROTARY, 5 DECK, 8 POS. ONE CIRCUIT. SIZE 2x3" MORRISON RE-MOVED#58 \$.75

ROTARY SWITCH, SINGLE GANG 4 CIRCUIT WITH 2 CONTACTS FOR EACH. DIA. 1 1/2"x1". 3Z9827.34 59¢ 2 FOR \$1.00

ROTARY SWITCH SINGLE 17 CONTACT DECK, ONE TIE DECK DIA. 2 1/2"x1 LANS. SW-942-249 75¢ EACH 2 FOR \$1.25

ROTARY ACTUATOR WILL OPERATE FROM 12-28 VDC, 12 POS ITION, 30 DEGREES EA. 2 1/2" SHAFT AND RODS FOR MOUNTING WAFER SWITCHES. MOUNTING 2x3, 1 1/2" H. WT: 1 LB. #MX167869G1 \$1.50

SWITCH ROTARY, BAKELITE WAFER 11 POSITION; 4 DECKS NON-SHORTING, 5 DECKS SHORTING. VARIABLE STOP. SIZE: 8x2 #5930-678-2369 \$2.95

THREE DECK 8 POS. AND OFF MARKED ON 2 1/2" DIAL AND KNOB #3Z9825-66.147 2x3" \$1.75

Kits \$1.00

DISC CERAMIC CONDENSERS 33 ASST. 15MMF-.61MFD. Good Value \$1.00 a KIT

TUBULAR CONDENSER 50 ASST. .00025 to .1 200 to 600 V \$1.00 a KIT

MICA CONDENSERS 25 ASST. 10 MMFD TO 6800 MMFD. \$1.00 a KIT

TRIMMER CONDENSERS 25 ASST. 3 to 280MMF WIDE RANGE \$1.00 KIT.

RESISTORS INSULATED 50 ASST. 1/2, 1 & 2 Watt wide range of good values 50 ASSORTED \$1.00

RESISTORS WIREWOUND 25 ASST. 5 to 20 Watt. Wide range of values some tapped. 25 ASST \$1.00

VOLUME CONTROLS 10 ASST. Popular Values \$1.00

TUBE SOCKETS 20 ASST. Octals Loctals Minatures Wafers etc \$1.00

PILOT LIGHT SOCKETS 25 ASST Bayonet Screw etc. \$1.00

TERMINAL STRIPS, Tie lug strips, ASST types. 25 for \$1.00

TERMINAL LUGS, ring spade, crimp types. Wide variety of sizes for all uses in clear plastic box. Approx 200 PCS \$1.00

ROTARY SWITCHES BRAND NEW ORDER NOW 6 for \$1.00

BATHTUB CONDENSER KIT .1 MFD. to 1. MFD. up to 600 Volt. 10 for \$1.00

HARDWARE KIT NUTS, WASHERS SCREWS, RIVET GROMMETS ETC. 1 LBS. \$1.00

COMPUTER GRADE



COMPUTER GRADE CAPACITORS OUT OF EQUIPMENT GUARANTEE

MFD	VDC	SIZE	PRICE
900	165	2x4 RD	\$1.25
500	275	2x4 RD	1.25
350	330	2x4 RD	1.25
1400	99	2x4 RD	1.25

LOTS OF 6 \$1.00 EACH.

MFD	VDC	SIZE	PRICE
12000	11	2x4 RD	.75
10000	16.5	2x4 RD	.75
4000	33	2x4 RD	.75
3500	52.8	2x4 RD	.75

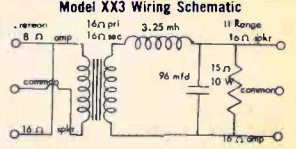
LOTS OF SIX 60¢ EACH.

MFD	VDC	SIZE	PRICE
20000	25	3x4 1/2 RD	1.95
30000	50	3x5 1/2 RD	2.50

25,000 MFD @ 30 VDC; 3x4 1/2 ROUN; PRICE: NEW \$2.75

1000 MFD 450VDC

SIZE: 2 1/2"x5; 2 LBS. # D34905 PRICE: \$2.00 EA. 3 FOR \$5



ELECTRO-VOICE FILTER EVXX3 IS A AUDIO FREQ. FILTER THROUGH WHICH TWO AUDIO AMPLIFIERS CAN BE CONNECTED TO 2 SPEAKER SYSTEMS. ALL BASS FREQ. BELOW 300 CPS ARE PASSED TO ONE SIDE OF THE SYSTEM WHILE THE HIGHER FREQ. ARE PASSED WITHOUT CHANGE TO BOTH SYSTEMS. IN A STEREO SYSTEM THIS ELIMINATES THE NEED FOR 2 FULL RANGE SYSTEMS. CAN ALSO BE ADAPTED TO OTHER USES. #EVXX3F 5 1/2"x4 1/2"x5 1/2"; 8 LBS. NEW \$2.95

HEAVY DUTY TAP SWITCH 6 POSITION 4 HOLE MOUNTING SIZE: 2 1/2"x2 1/2"x1 1/2" STK#329604-2 \$1.50


ANTENNA CIRCUIT SWITCH 100 WATT 3/MAKE 3/BREAK SIZE: 4 1/2"x2 1/2"x1 1/2" #3Z9626 \$2.50

25 Precision Resistor Ass't WIRE WOUND OR CARBON 1% OR BETTER GOOD VALUES. \$1.00 50 TINY CAPACITORS SELECTED TINY ASST PAPER & CERAMIC X GOOD VALUES. \$1.00


WIRE ASSORTMENT SIX 25 FT. COILS FULLY INSULATED STANDARD SIZES TINNED COPPER ASST. COLORS \$1.00

MINIMUM ORDER \$3.00


Power Transformer Filament Modulation Microphone Chokes




PRI: 115/230 60 cyc
SEC: 800 CT. 120 MA
6.4 4.5 AMP
5 2 "
6.3 .6 "
6.4 450 MA
Size 5x5x6 WT. 13 lbs.
Stock # 229621-380
PRICE: \$2.95




PRI: 110v 60cyc-2
PRI: 220v 60cyc-3
SEC: 6.3v .9A 4-5
6.3v .3A 6-7
24v .9A 8-9
500VCT 35MA
TERMINALS 10-12
CT TER. 11 WT. 4L
3x3x3 1/2 #RM-13-317
A TO D. \$1.95




PRI: 90 V 60CYC
SEC: 6400 V. @
APPROX. 50 MA.
5x6x6; WT: 15 LBS
#0-128-3553
\$14.95




PRI: 115v. 50-60c
SEC: 580VCT 70 MA
6.3 " 1.5 A.
5.0 v 2.0 "
TEST VOLTS 1750
3x3x3 1/2; 6 LBS.
#5950-648-6862
\$3.95




MODULATION TRANSFORMER
Watts 20 Response
Response 200-5000-IDB
Pri.:Z 6000 SEC.Z 6000
Collins #677-2010-00
Size 2x2x3 1/2 WT. 3 1/2 lbs
Stock# 229634.53
Price \$2.95




PRI: 120v. 60 cyc.
SEC: 550-0-550v.
0.18 A.
2000WV.
4x7x5 1/2 WT: 18LBS
#5950-518-2621
PRICE: \$7.95



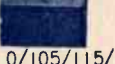
PRI: 115v 60cyc
SEC: 200VCT 2 A.
4x3x4 1/2; 8 LBS
#1FX46-16
\$4.95




PRI: 115 V 60 cyc.
SEC: 1080 CT. 142 MA.
6.3 1 AMP.
6.3 2 AMP.
5 3 AMP.
Size 5x5x5 1/2 WT. 14 lbs
Stock # 229613.52
PRICE: \$3.95




PRI: 115/230 60c
SEC: 800 CT ALSO
TAPPED 310, 374
426, 536, 670 MA.
6.3 1.02A.
6.3 1.5 A.
6.3 0.60A.
3x3x3 1/2; 5 LBS.
#5950-679-2094
\$1.95



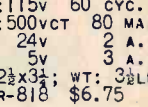
PRI: 0/105/115/125
60cy
SEC: 800CT .175ADC
5.0V 2A.
6.3V 15A.
6.3V 10A.
6x5x4 1/2 18LBS.
#647-5309 \$4.95



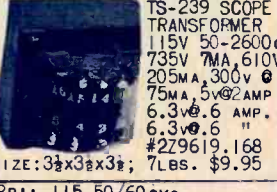
PRI: 50v. 1000cy.
SEC: 6.3v. 10A.
950CT. 200MA
6.3v. 1.5A
6.3v. 0.5A
5x5x4 1/2 18 LBS.
#5950-581-9421
\$8.95




**TEKTRONIX # 310
OSCILLOSCOPE**
PN120-0058-00
PRI: 117 V.
SEC: 50 TO 800CYC
205v 120 MA.
135v 150 "
205v 75 "
6.3v 3 AMP
6.3v 4 "
6.3v 6.2 "
6.3v 0.6 "
6.3v 0.6 "
4 1/2 x 3 1/2 x 3 1/2; 8 LBS.
5950-688-6598
\$9.95



PRI: 115v 60 cyc.
SEC: 500VCT 80 MA.
24v 2 A.
5v 3 A.
2x2x3 1/2; WT: 3 1/2 LB
FAIR-818 \$6.75
UPRIGHT CASED
BUILT FOR COMMAND
REC., BC-603, 683ETC




**TS-239 SCOPE
TRANSFORMER**
115V 50-2600V
735V 7MA, 610V
205MA, 300V @
75MA, 5V @ 2AMP
6.3V @ .6 AMP.
6.3V @ .6 "
#229619.168
SIZE: 3x3x3 1/2; 7LBS. \$9.95



PRI: 115v 60cy
SEC: 6.3v @ 2.8A.
6.3v @ 1.2A.
880CT 130MA
6.3v @ 3.44A
7.7v @ 1.64A
5x4 1/2 x 3 1/2 13LBS.
#5950-295-7190
\$4.95




PRI: 105-125 VOLT
50 - 60 CYCLE
SEC: 950-0-950
.200 AMP. DC
6x5 1/2 x 4 1/2; 20 LBS
482-0897 \$12.95



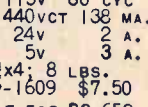
PRI: 115v. 60cy
SEC: 1160VCT 300MA
745VCT 250MA
625VCT 250MA
6x5 1/2 x 5 1/2 25 LBS.
#646-1497 \$12.95



PRI: 115v 60 cyc
SEC: 1080VCT 226MA
6x5 1/2 x 4 1/2; 15 LBS.
#5950-762-9822
\$6.95




**MODULATION
TRANSFORMER**
WATTS: 40
RES. IMPED.
PRI: 113 OHM 5700
SEC: 72 " 2280
FOR 7/807 TUBES
3 1/2 x 2 1/2 x 3 WT: 3LBS
#22K9634.21
PRICE: \$3.95




PRI: 115v 60 cyc
SEC: 440VCT 138 MA.
24v 2 A.
5v 3 A.
4x4 1/2 x 4; 8 LBS.
FAIR-1609 \$7.50
BUILT FOR BC-652




PRI: 115 50/60CYC
SEC: 700 CT AND
TAPPED 60/150MA
6.3CT 6 AMP.
5.0 3 "
2.5CT 5 "
4 1/2 x 5 1/2 x 3 1/2; 14 LB.
#5950-581-9968
\$4.95




PRI: 115v 60cy
SEC: 5.0V @ 2.0A.
5.0V @ 2.0A.
6.3V @ 0.6A.
6.3V @ 6.0A.
400VAC 120MA
4 1/2 x 3 1/2 x 3 1/2 9 LBS.
#5950-646-4053
\$3.95




POTENTIAL TRANS
PRI: 1/2/4/10/20/
40/100/200/400
0/1000/2000 V.
SEC: 40 V 100 MA.
6x7x4 1/2; WT: 20 LB
ESPEY #14 16, 271
\$5.95



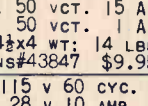
PRI: 95/105/115/125
190/210/230/250
SEC: 2/4/6/8 @ 225
MA. 90/100/110/
@ 225 MA. ALSO
SEC. #2 115 V.
@ 500 MA.
4 1/2 x 5 1/2 x 4; WT: 13 LBS.
#KLEINSCHMIDT 5399
\$7.95



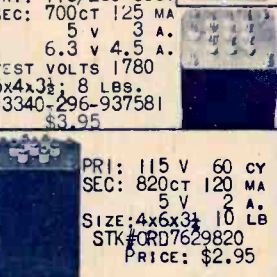
PRI: 110/115/120v.
50-60 CYCLES
SEC: 3500VCT.
.230 A.
8 1/2 x 7 1/2 x 8 WT: 65LBS
#5950-715-9350
PRICE: \$29.95



MODULATION TRANSFORMER
100 Watt
RESPONSE 200 to 5000
PRI: 7000 SEC: 7000
F/BC-191/375 TRANS.
Size 3x4x5 WT. 5 1/2 lbs.
Stock # 206191/T1
Price \$3.95



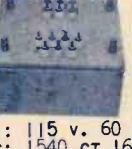
PRI: 115v 60 cyc.
SEC: 50 VCT. 15 A.
50 VCT. 1 A.
5 1/2 x 4 1/2 x 4 WT: 14 LBS
BURNS #43847 \$9.95



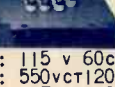
PRI: 115v 60cy
SEC: 520VCT 30MA.
6.3v 2 A.
3 1/2 x 2 1/2 x 2 1/2; 3 LBS.
5950-646-5586
\$2.95




PRI: 118 v 60 CYC
SEC: 1770 v 400MA
NO CENTER TAP
PWV 2950
5 1/2 x 6 1/2 x 4 1/2; 30 LBS.
#058-4500 \$12.95



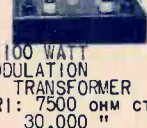
PRI: 115 v. 60 CY
SEC: 1540 CT. 166A
1230 CT. 257A
BOTH VOLTAGES ONE
WINDING
5.1 4.5A
6.5 4.0A
6.5 .5A
7 1/2 x 6 x 6 1/2; WT: 35 LBS
STK# 229613.53
\$7.95




PRI: 115 v 60CYC
SEC: 550VCT 120MA
17v 1.2 A
5v 3.0 A
6.3v 11.1A
4 1/2 x 4 1/2 x 5; 12 LBS.
#5950-194-9065
\$4.95



PRI: 115/115v 60CY
SEC: 2500 VCT G
.450 AMPS. D.C
7x7x6 1/2; 45 LBS.
MOTOROLA 22501013
\$18.95




**100 WATT
MODULATION
TRANSFORMER**
PRI: 7500 OHM CT
30,000 "
SEC: 3000 OHM
35W 200 MADG
600 CT. 1 W
RMS TEST
1, 2, 3 500 V.
OTHERS 2500 V.
200-3500 CPS.
4 1/2 x 4 1/2 x 4 1/2; 11LBS
#5950-646-3092
PRICE: \$4.95




PRI: 115/115v 50/60
SEC: 26.4 v 1.70 A.
26.4 v 1.35 A.
3 1/2 x 3 1/2 x 3; 4 LBS.
5950-645-3854
\$3.95




PRI: 120 v 50-60cyc
124 VA
SEC: 225v 40MA
E50 v CT 250MA
6x4x5 WT. 16 LBS
BENDIX #N217388-1
PRICE: \$5.95



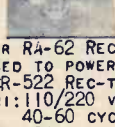
PRI: 115v 60 cyc
SEC: 660VCT 350 MA.
6.3v 6.0 A.
5.3v 5.0 A.
6x6 1/2 x 4 1/2; 20 LBS.
GE #K34J533 \$5.95



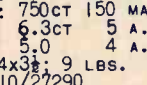
PRI: 115 V 60CYC
SEC: 850CT 280MA
280CT 10MA
5 v 5 A.
6.3 v 600MA
36 v 5 A.
5 1/2 x 5 1/2 x 7 1/2; 28 LBS.
#5950-646-3943
\$6.95



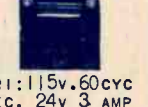
PRI: 115/230 V
50/60 cyc
SEC: 1600VCT 230
MA & TAPPED 760V
@ 40 MA.
6x6 1/2 x 4 1/2; 30 LBS.
\$8.95



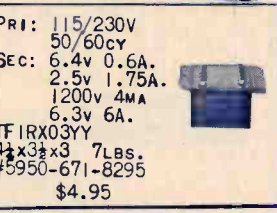
FOR RA-62 RECTIF.
USED TO POWER
SCR-522 REC-TRANS
PRI: 110/220 VOLT
40-60 CYCLE
SEC: DC VOLTAGES
300 @ 230 MA
BIAS 150 @ 8 "
13.4 @ 3.9 A.
5x5x8; 30 LBS.
#3340-296-862-192
PRICE: \$7.95









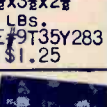
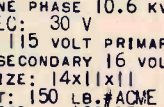
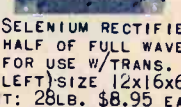
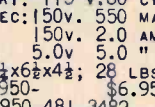

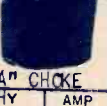



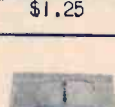


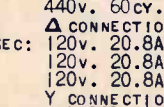
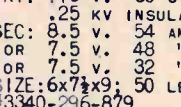
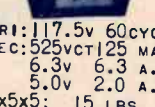

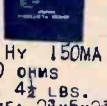
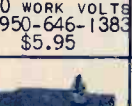




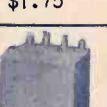
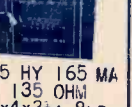
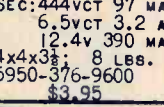
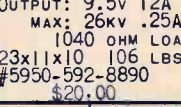
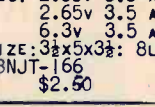
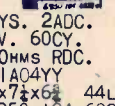
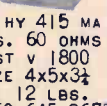
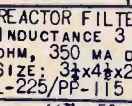
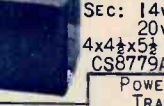
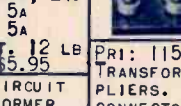
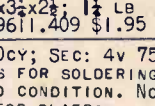


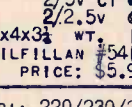
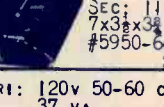
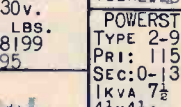

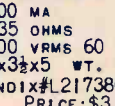
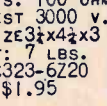
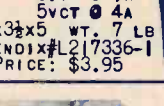
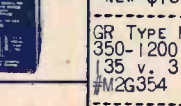
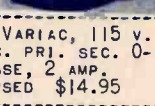



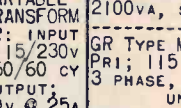
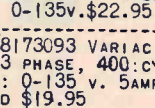
PRI: 115 V 60 CYC
SEC: 750CT 150 MA
6.3CT 5 A.
5.0 4 A.
4 1/2 x 4 1/2 x 3 1/2; 9 LBS.
TG-10/27290
RE-MOVED \$2.95



PRI: 115v. 60CYC
SEC: 24v 3 AMP
5v 3 "
3x2x3; 2 LBS
FA-6705 \$2.95

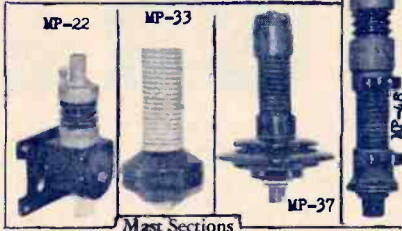


PRI: 115/230V
50/60CY
SEC: 6.4v 0.6A.
2.5v 1.75A.
1200v 4MA
6.3v 6A.
TFIRX03YY
4 1/2 x 3 1/2 x 3 1/2 7LBS.
#5950-671-8295
\$4.95

<p>ISOLATION TRANSFORMER PRI: 208V. 60CY. SEC: 115V. 15 AMPS 10x9x7 1/2 115 LBS. #648-3822 \$14.95</p>	 <p>8 HY 100 MA 160 OHMS 2x3x2 1/2 4LB #TR-1024 \$1.50</p>	 <p>.5-.25 HY @ 2-.6 ADC 7 OHMS MAX DC 535V WVM 2x3x2 1/2 4 LBS. GE#9T35Y283 \$1.25</p>	<p>25 HY 35 MA DO 1070 MV 2x3x2; 2LBS GE#7415231 \$.79</p>	 <p>PRI: 206 V 60 CYCL ONE PHASE 10.6 KVA SEC: 30 V 115 VOLT PRIMARY SECONDARY 16 VOLT SIZE: 14x11x11 WT: 150 LB.#ACME 2649 \$32.95</p>	 <p>SELENIUM RECTIFIER HALF OF FULL WAVE (FOR USE W/TRANS. T LEFT) SIZE 12x16x6 WT: 28LB. \$8.95 EA. TWO FOR \$15.00</p>	 <p>PRI: 115 v. 60 CYC SEC: 150V. 550 MA 150V. 2.0 AMF 5.0V 5.0 " 6x6x4 1/2; 28 LBS. 5950- \$6.95 5950-481-3482 \$6.95</p>
<p>FILAMENT TRANS. PRI: 215 V 60CY 71V.A. SEC: 115V. 4.34A 4x3x3 1/2 7LBS. #199-2255 \$3.95</p>	 <p>30 HY 70 MA 550 OHM 2x2x3 1/2 1LB #3C325-6 \$1.25</p>	 <p>"A" CHOKE 1 HY 1 AMP 7 OHM 2x2x3 1/2 1 LB STK#M-13331 \$1.25</p>	<p>DUAL CHOKE 11 HY 100 MA 200 OHMS 4x4x5 1/2 WT 8 #3C557F-1 \$.75</p>	 <p>THREE-PHASE TRANSFORMER PRI: 440V. 60CY. 440V. 60CY. 440V. 60CY. Δ CONNECTION SEC: 120V. 20.8A. 120V. 20.8A. 120V. 20.8A. Y CONNECTION 14x14x10 262 LBS. GE#9T33Y9015 \$30.</p>	 <p>PRI: 115 v. 60 CYC SEC: 25 KV INSULA 6EC: 8.5 V. 54 AMF OR 7.5 V. 48 " " OR 7.5 V. 32 " " SIZE: 6x7x9; 50 LB #3340-296-879 \$14.95</p>	 <p>PRI: 117.5V 60CYC SEC: 525VCT125 MA. 6.3V 6.3 A. 5.0V 2.0 A. 4x5x5; 15 LBS. JEFFERSOND-12A646 \$4.95</p>
<p>STEP-DOWN TRANS. PRI: 115V. 50-1000CY. SEC: 51.8V. 25A. 7x7x5 1/2 48LBS. 646-2478 \$12.95</p>	 <p>8 HY 450 MA THORD#T4473 P/O BC-303 TRAN 5x4x5 1/2; 18 LB STK#344622.1 \$6.95</p>	 <p>10 HY 150MA 210 OHMS WT. 4 1/2 LBS. SIZE: 2x5x2 1/2 #217386-1 \$1.75</p>	<p>10 HYS 500 MA 45 OHM DC RES 500 WORK VOLTS 5950-646-1383 \$5.95</p>	 <p>14 HY 125MA 275 OHMS. 2x3x5 1/2; 308-708-060 \$1.25</p>	 <p>PRI: 115/230V 50/60 CYC SEC: 44VCT 97 MA. 6.5VCT 3.2 A. 12.4V 390 MA. 4x4x3 1/2; 8 LBS. 5950-376-9600 \$3.95</p>	 <p>PRI: 120V. 60CYC SEC: 4.5VCT 4 A. 3x3x2 1/2; 1 1/2 LB 229611.409 \$1.95</p>
<p>PRI: 0/116/120/ 124V. 60CY. SEC: 126V. 1.1A. 114V. 1.0A. TF4RX01YY 8x5x4 1/2 .27 LBS. K95-1476 \$7.95</p>	 <p>8 HY 100 MA 160 OHM 2x3x2 1/2 2 1/2; 3LB. #TR-1024 \$1.50</p>	 <p>10 HY 0-1 AMP. DC @ 10V 60 CPS. 268 OHMS. 2x3x3 1/2; 4LB #6467 \$1.75</p>	 <p>15 HY 165 MA 135 OHM 4x4x3 1/2; 8LB \$1.25</p>	 <p>17 HY 80 MA 300 OHM 2x2x3 WT. 2 #3C326-31B</p>	 <p>PULSE & FILAMENT TRANSFORMER INPUT: 120V. 60CY. OUTPUT: 9.5V 12A MAX: 26KV .25A 1040 OHM LOAD 23x11x10 106 LBS. #5950-592-8890 \$20.00</p>	 <p>PRI: 115 V 60 CYC SEC: 2.65V 3.5 A 2.65V 3.5 A 6.3V 3.5 A SIZE: 3x5x3 1/2; 8LB #BNJT-166 \$2.50</p>
<p>8 HY 100 MA 160 OHM 2x3x2 1/2 2 1/2; 3LB. #TR-1024 \$1.50</p>	 <p>10 HY 210 MA 50 OHM 14 LB 5x6x4 1/2; #3C316-33 \$2.50</p>	 <p>20 HY 45 MA 308 OHM 2 LB 2 1/2x3x2; #5950-260-0380 \$1.</p>	 <p>REACTOR FILTER CHOKE INDUCTANCE 3 HY. RES. 30 OHM, 350 MA DC 2000 V. PK. SIZE: 3x4x2 1/2; WT: 6 LBS. L-225/PP-115 \$2.50</p>	 <p>PRI: 220, 230, 240 SEC: 14V @ 5A 20V @ 5A 4x4x5 1/2 WT. 12 LB CS8779A \$5.95</p>	 <p>POWER CIRCUIT TRANSFORMER PRI: 230/460V 60CY. 100KVA SEC: 115/230V 7x3x3 1/2 7 LBS. #5950-645-8199 \$3.95</p>	 <p>PRI: 115V 60CY; SEC: 4V 75A TRANSFORMERS FOR SOLDERING PLIERS. USED CONDITION. NO CONNECTORS FOR PLIERS. 4x4x4 1/2; WT: 15 LBS. 10EAL#2B \$7.50</p>
<p>12 HY 210 MA 50 OHM 14 LB 5x6x4 1/2; #3C316-33 \$2.50</p>	 <p>10 HY 415 MA RES. 60 OHMS TEST V 1800 SIZE 4x5x3 1/2 WT: 12 LBS. #5950-645-9675 \$4.95</p>	 <p>10 HY 150 MA RES. 100 OHM TEST 3000 V. SIZE 3x4x2 1/2 WT: 7 LBS. 3C323-6220 \$1.95</p>	 <p>PRI: 117V 50-60CYC SEC: 3/5V CT @ 2A 2/5V CT @ 2A 2/2.5V @ 10A 7x4x3 1/2 WT. 12 LB GILFILLAN #54148-1 PRICE: \$5.95</p>	 <p>PRI: 220/230/240V 50-60 CYC SEC: 2.5V CT @ 10A 5x3x3 1/2 WT. 6LBS 5950-648-4773 PRICE: \$2.95</p>	 <p>PRI: 120V 50-60 CYC 37 VA SEC: 5VCT @ 2A 6.3V @ 1A 5VCT @ 4A 3x3x5 WT. 7 LB BENDIX#L217336-1 PRICE: \$3.95</p>	 <p>GR TYPE M-2 VARIAC, 115 V. 350-1200 CYC. PRI. SEC. 0- 135 V. 3 PHASE, 2 AMP. #M2G354 UNUSED \$14.95</p>
<p>3 HY 50MA 250 OHM 2x2x2 1/2 WT 1 1/2 STOCK # 3C3672 PRICE: \$.75</p>	 <p>6 HY 75 MA 150 OHM 3x3x2 1/2 WT: 2 1/2 STK#3C316-7 PRICE: \$.79</p>	 <p>CHOKE 10 HENRYS @ 200 MA 135 OHMS 2000 VRMS 60 CYC 3 1/2x3 1/2x5 WT. 9LB BENDIX#L217380-1 PRICE: \$3.95</p>	 <p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4x5x7 1/2 18 LBS. #5950-645-3891</p>	 <p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4x5x7 1/2 18 LBS. #5950-645-3891</p>	 <p>POWERSTAT TYPE 2-995 PRI: 115 V SEC: 0-135 V 1KVVA 7 1/2 AMP 4x4x4 1/2 50-504-9079 NEW \$16.95</p>	 <p>GR TYPE M-5/8173093 VARIAC PRI: 115 V. 3 PHASE, 400 CY 3 PHASE, SEC: 0-135 V. 5AMP UNUSED \$19.95</p>
<p>7.5 HY 650 MA 5x6x7 1/2 31 LB T-47174 \$7.95</p>	 <p>6 HY 80MA P/O TG-10 SIZE: 2x2x2 WT. 1 1/2 LBS. #27294 PRICE: \$.89</p>	 <p>3.5 HY 500 MA 100 V. 60 CYC 30 OHMS 715WV 4x5x3 1/2; 10 LBS TF1A04KA/A8649 \$2.95</p>	 <p>11 HY 120 MA 3x3x3 1/2 6LBS. #13639-S \$1.95</p>	 <p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4x5x7 1/2 18 LBS. #5950-645-3891</p>	 <p>POWERSTAT VARIABLE TRANSFORMER ER: INPUT 115/230V 50/60 CY OUTPUT: 30V @ 25A /15-0-15 35 AMPS. MAX. KVA. 0.75 SIZE: 7x8x5 SHAFT 1x1 1/2; WT: 25 LBS. POWERSTAT#LW136U USED \$25</p>	 <p>GR TYPE M-5/8173093 VARIAC PRI: 115 V. 3 PHASE, 400 CY 3 PHASE, SEC: 0-135 V. 5AMP UNUSED \$19.95</p>
<p>FILTER REACTOR 3.5H. 2ADC. 25 OHMS 6900WV. 10V. 60CY 9x7 1/2x6 65LBS. #5950-843-4805 \$9.95</p>	 <p>3-5 HY 500 MA 28 OHMS 5x4x4; 9 1/2 LB KS-8572 3C1987-72 \$4.95</p>	 <p>5.0 HY AT 10 60 CYC 400 M RES: 50 OHM SIZE: 6x4x4 WT. 13 LBS. #3521746</p>	<p>INTERSTAGE FILTER; 12 TO 24 MC. OPERATIONAL FREQ. STAND- DARD 5 PIN. 2 1/2x4x1 1/2 WT: 1 LB #321892-62.15 NEW \$1.95</p>	 <p>BAND PASS FILTER 27.8 TO 30.8 KC.. OPER. FREQ. 29.3 KC, INPUT IMP. 200 K OHMS OUTPUT 100 K OHMS. 224376.28 4x5x3 1/2; 3LBS. \$2.95</p>	 <p>KNOB 4" DIA. WITH POINTER TAKES 11/16" SHAFT (NEEDS TO BE REDUCED TO FIT ABOVE UNIT) #KNOB-35 \$1.50</p>	 <p>POWERSTAT G-1160-3, PRI: 120 V. 60 CYC. 3 PHASE, SEC: 0-140 V 7.5 AMP. USED \$30.00</p>
<p>8HY 300 MA RESISTANCE 90Ω OIL FILLED WT. 7.5 LBS. SIZE: 8x3x4 1/2 3340-310-190-04 \$5.95</p>	 <p>10 HY 150 MA RES. 100 OHM TEST 3000 V. SIZE 3x4x2 1/2 WT: 7 LBS. 3C323-6220 \$1.95</p>	 <p>10 HY 150 MA RES. 100 OHM TEST 3000 V. SIZE 3x4x2 1/2 WT: 7 LBS. 3C323-6220 \$1.95</p>	<p>LOWPASS FILTER; 500 KC CUT- OFF. 1 1/2x2 1/2x4 1/2 WT: 1 LB. #321894-12.2 \$2.95</p>	 <p>TRANSTAT REGULATOR FIXED 115 50/60CY VARIABLE 0-130 AMPS. 10 24 LB. #N30668 NO DIAL \$19.95</p>	 <p>POWERSTAT T-20, PRI: 115V. SEC: 0-135V. 60 CYCLE, 3 AMP NEW \$8.95</p>	 <p>ADJUSTVOLT TYPE T-51-U, 120 VOLT, 50/60 CYCLES, 6 AMPS. NEW \$12.95</p>

ANTENNAS

Mast Bases



3 ft. Tubular steel, cooper coated and painted sections. These screw together to make any desired length. MS-49 being the top & smallest section increasing in size through MS-50-51-52-53 to MS-54 being the larger one. Either the MS-53 or MS-54 will fit together to form any additional height desired. Example a 33 ft. vertical may consist of one each MS-49, 50, 51, 52, and 7 each of MS-53 or it may be finished out on the bottom with 6 MS-54 sections. Self support to about 18ft. Average Wt. app. 3/4lbs. MS-49-50-51-52-53 .50gea. MS-54 .75ea

MS-49
MS-50
MS-51
MS-52
MS-53
MS-54

MP-22 SIDE MOUNT SWIVEL MAST BASE WILL TIP TO 90° EITHER RIGHT OR LEFT. HAS A SPRING SNAP LOCK IN THE VERTICAL POSITION, WILL TAKE EITHER THE MS-53 OR MS-54 MAST SECTIONS. SIZE MTG. PLATE 5"x6"x10 1/2" HIGH. WT. 9 LBS. PRICE.....\$4.95
MP-22A SAME AS ABOVE EXCEPT MOUNTING HOLE IS FOR THE MS-51 WITH THE MS-49, MS-50 AND MS-51. THIS WILL MAKE A 9 FT. TAPERED ANTENNA. PRICE...\$4.75

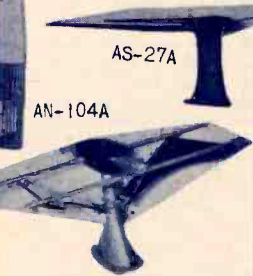
WHIP ANTENNA 7' EXTENDED, 15 IN. COLLAPSED #CC1-51C48 2 LBS \$1.00

CU-168 ANTENNA COUPLER; PROVIDES MEANS FOR OPERATING 5 RECEIVERS FROM ONE ANT. UNBALANCED LINE INPUT NOM. IMPEDANCE 70 OHMS ON OBTPUT ALSO. FREQ. RANGE 2 - 32 MC. EACH COUPLING CIRCUIT HAS 4/12AU7 TUBES. POWER REQ. 115v. 50-400CY. RACK MTG. 19x8 1/2; WITH TUBES, UG-21 COAX. CONN. & MANUAL. WT; 75LBS. UNUSED \$29.95

AB-15/GR MAST BASE; SPRING ACTION, INSULATOR 3 1/2"x3" DIA. REQUIRES A 2" HOLE FOR MOUNTING. MAY BE MOUNTED ON SURFACE UP TO 1" THICK. ALSO MOUNTED IN AB-449/G DESCRIBED BELOW. AB-15 OVERALL LENGTH 15"; ABOVE INSULATOR 5/8"x11" TAKES MASTS SECTIONS MS-116. 117. & 118. (SECTIONS NOT AVAILABLE) WT: 2 LBS. \$4.95
AB-449/G INSTALLATION MOUNT FOR AB-15. FOUR BOLTS SECURE MOUNT AT BOTTOM. 5 1/2"x20; 11LBS. \$3.95

TUNER
TN-174 GRA-4 ANTENNA TUNER WITH JOHNSON VARIABLE CAPACITOR #154-1-4, 12 TO 244 MMF 2000 VOLT, 115 VOLT 1/25 WATT NE-51 NEON LAMP AND 2 CABLES FOR CONNECTING TO TRANSMITTER 50" LONG. SIZE: 3x4x5; WT: 4 LBS. PRICE \$3.95

AS-27A/ARN-5 HORIZONTAL FOLDED DIPOLE AS USED WITH RC-103, BC-733, ARN-5 EQUIP. ON AIRPLANES. 108-110 MC \$9.95
AT-2/APN-2 DIPOLE ANTENNA 150-180 MC 2.95
AN-104A STUB ANTENNA F/SCR-522 100-156 MC 1.95



AT-911 ANT USD-1 ENNA REFLECTOR 4" DEEP, UG-570/U 18 FOOT SECTIONS ALUMINUM WITH RADIO 14" DIAMETER RADIATOR 7" COAX. RECEPT IN SIX 1 1/2" DIAMETER TUBING, USED PLANE. 10 LB PRICE: \$9.95

AS-125/APR ANTENNA; FOR USE W/RECEIVERS IN THE 1000-6000 MC. FREQ. RANGE, 6" MOUNTING W/HARD. JG-22 COAX. RECEPTACLE. SIZE: 6x8; 4LB. \$2.95
UG-21 COAX. CONNECTOR TO FIT ANTENNA 50¢

AT-598/APT WHIP ANTENNA 30 1/2" LG, WITH COAX. REC. F/UG-100A/U. WT: 5 LBS. \$1.50
MATCHING COAXIAL LINE RG-14 11" W/2UG-100, 1 UG-109 \$2.

AT-35 DIPOLE ANTENNA 200-250 Mc. WITH UG-22 COAXIAL CONN. 2A288A-35 WT: 2LBS. \$1.50

SPREADER INSULATORS WHITE CERA 3/4"x4", 2 1/2" HOLE. CENTERS. \$.25 EACH 5 FOR \$1.00
3/4"x 12", 10" HOLE CENTERS \$.45 EACH, 3 FOR \$1.25

AN-109 WHIP ANTENNA; 5 FT. TAPERED 1/4 TO 1/8 PRICES: \$1.50 EACH SIX (6) FOR \$3.00
AN-117 WHIP ANTENNA; 6 FT. TAPERED 5/8 TO 1/8 PRICES: \$1.50 EACH SIX (6) FOR \$3.00

TRANSMITTING LEAD-IN INSULATOR, 15" LG. THREADED ROD W/ CONE INSULATORS 2"x2x1 EA. END, 8" ADJUSTABLE INS. BETWEEN CONES. #4238, 2LB \$1.00

AN-745 TELESCOPING WHIP 8 FT. TAPER 5/8-1/8 PRICE: \$1.00 EACH SIX (6) FOR \$4.00
AN-130 GOOSENECK WHIP 30", SCREW BASE FITS INSULATOR LISTED BELOW. PRICE: \$1.00 EACH SIX (6) FOR \$4.00
AN-20T CHROME TELESCOPING 20" PRICE: \$.50 EACH SIX (6) FOR \$2.00

2A-124 ALUMINUM ROD 3/8" x 6 FT. NO TAPER PRICE: .75 EACH SIX (6) FOR \$3.00

A-27 PHANTOM ANTENNA USED W/PC-653/191 100 W. TRANSMITTERS FOR TUNING AND LOADING. CONTAINS 0-150 MMF WIDE SPACED 3/16" VARIABLE COND. AND 2 12 OHM 40 W. NON-INDUCTIVE RES. IN METAL BOX W/KNOB AND 0-100 SCALE. SIZE: 3 1/2"x7x4 1/2 WT: 3 LBS. PRICE: USED \$1.95 RE-NEW \$2.95

ANTENNA COUPLER FOR REMOTE OPERATION. RANGE APPROX. 2 TO 24 MC. 200 WATTS. MOTORIZED VARIABLE VACUUM CAPACITOR 300 MMF. 7500 VOLTS. ALSO ROTARY INDUCTOR, SERVO MOTORS, FAN, 10 PLATE TYPE RELAYS, SWITCHES, CAPACITORS, RESISTOR TUBES 4/5727, 2/5670, 3/6201 ETC. SIZE: 24x7x8; WTL 25 LBS. #5821-658-3692 PRICE: USED \$29.95

GROUND PLANE ANTENNA
Ground plane antenna to cover 20 to 50 MC. Made from surplus insulated base & screw in type mast sections. Mounts on 1 to 2 inch pipe. Specify operating frequency range. \$10.95
AN-45 TELESCOPING ANTENNA 8 FT. \$1.95

COPPERWELD
WS-13/U COPPERWELD WIRE; ELECTRICAL, 40% CONDUCTIVITY; SINGLE COND. APPROX. #12 AWG. C/O 3 STRANDS #12 AWG. #1A807.12 WT: 39 LBS. COIL OF 675 FT. \$10.00
ANTENNA PHOSPHOR BRONZE #16 1 CONDUCTOR WITH 2 SNAPS & SLIDE CONNECTOR, INSULATED. AN-22 " 20 " .65

LP-21LM LOOP ANTENNA USED FOR AIRCRAFT RADIO COMPASS 200-1500 KC. CONTAINS CK-2 MOTOR AND MC-507 AUTOSYN COMPENSATOR THAT OPERATE FROM 26 V. 400 CYC. USED IN CONJUNCTION WITH I-81 OR I-82 INDICATORS SHOWN ON PAGE 30 OF CATALOG. WILL ALSO WORK ON 60 CYC BUT NOT AS ACCURATE. SIZE: 20x16x10; WT: 15 LBS. PRICE: USED \$9.95 PL-112-108 SET \$4.00

AS-69/APT 535-700 MC. TWO CROSS DIPOLES BENT DOWNWARD TOWARDS A SCREEN REFLECTOR (REFLECTOR NOT SUPPLIED) 1/2 WAVE TRANS. 1/2 WAVE PHASING. TAKES UG-21 CONN. 6" MOUNTING, 9 1/2"x8"D. 8LB. \$9.95

MN-20 MANUAL ROTATABLE LOOP ANTENNA, USED AS A DIRECTION FINDING ANTENNA IN THE 150 TO 1500 KC FREQ. RANGE WITH MN-26 & RA-10 RECEIVERS OR ANY OTHER TYPE IN THIS RANGE USED \$2.95 UNUSED \$3.95
MN-20C USED \$2.95 NEW \$3.95

MN-52 AZIMUTH CONTROL BOX W/O-360 DEG. DIAL, LIGHT & CRANK USED WITH MC-124 FLEXIBLE SHAFT THAT IS CONNECTED TO THE LOOP AND WHEN CRANK IS TURNED LOOP TURN UNUSED \$2.95
MC-124 FLEXIBLE SHAFT FOR USE WITH LOOP AND CONTROL BOX, 5 1/2 FT. \$1.95 EACH EXTRA FT. 25¢ SPECIFY/SHIP CLOSIE

CABLE FOR ANTENNA LEADIN 5 WIRE SHIELDED WITH PLUG TO FIT LOOP OTHER END BARE WIRE 8 FT. LG. #AC58267 \$1.95

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS THAT TUNES FROM 200 TO 1750 KC, OPERATES FROM 26 VOLT 400 CYCLE SIZE: 10x11x5; WT: 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95

COMPARATOR
CM-167/U SIGNAL COMPARATOR MIXES TWO FREQUENCIES AND DELIVERS AN OUTPUT PROPORTIONATE TO THE DIFFERENCE OF THE TWO SIGNALS. WHEN USED WITH A STRIP CHART RECORDER IT WILL COMPARE 2 ALMOST EQUAL FREQ. STANDARDS WHOSE FREQ. ARE EITHER 100 KC OR 1 MC. THIS WILL BE RECORDED AS A SINE WAVE. USES 4 1N281 DIODES IN A FULL BRIDGE CIRCUIT ALONG WITH RESISTORS, CONDENSORS, TRANSFORMERS, ETC. INPUT IMPEDANCE 50-5000 OHMS. INPUT COAX. CONN. BCN. SIZE: 5 1/2"x3 1/2"x3 1/2 WT: 4 LBS. NEW \$4.95

AERIAL MATCHING UNIT NO. CI 2A/CAN 9268. FREQ. RANGE 2 TO 8 MC. 50 TO 100 WATT, DEPENDING ON FREQ. CONTAINS VARIABLE CAPACITOR, TWO VARIABLE INDUCTANCE TUNERS, COUNTERS FOR PA TUNE AND ANTENNA TUNE. ALSO 1 1/2" "VU" METER ETC SIZE: 8x5x10; WT: 8 LBS. PRICE: USED \$18.95

SMALL ANTENNA INSULATORS
Insulating material made of polystyrene Size 1x1x1 Mtg. hole 3/4" Receptacle size 3/8x24 TH. STOCK # 223021-227 Fits ANT. AN-130, 131, Size 7/8x1 1/2 Mtg. hole 5/8" Receptacle size 1/2 x 20 TH. Fits any of the UHF Rods Stock # 223062-237 Specify type each \$.75
NEON LIGHTING ARRESTOR HI-POWER 4 for \$1

CABLES

NEW COAXIAL CABLE

NEW MANUFACTURE AND BRANDED WITH STANDARD TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-BETWEEN LENGTHS USE THE HIGHER PRICE. LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

		100 FEET	500 FEET	1000 FEET	5000 FEET
RG-8/U	52 OHM	.12	.11	.10	.10
RG-11/U	75 OHM	.14	.13	.12	.11
RG-58/U	53 1/2"	.05 1/2	.05 1/2	.05	.04 1/2
RG-59/U	73"	.07	.06 1/2	.06	.05 1/2

PRICES ARE PER FOOT

NEW COAXIAL CONNECTORS

SO-239	PL-259	M-359	PL-258 JUNCTION
\$.45 EA.	\$.45 EA.	\$.49 EA.	\$.89 EA.
10 OR MORE \$.39 EA.	10 OR MORE \$.39 EA.	10 OR MORE \$.45 EA.	10 OR MORE \$.80 EA.

TYPES MAYBE ASSORTED TO OBTAIN THE LOW PRICE

Coaxial Cable

FOR LESS THAN 3c Per Foot!

RG-54 A/U CABLE-



DESIGNED FOR LONG LIFE & CONSTANT ATTENUATION 58 OHMS, .250 OD. WITH POLYETHYLENE JACKET.

370 FOOT ROLL \$10.00 70 FOOT ROLL \$1.95

LESS THAN SPECIFIED LENGTHS .03 PER FOOT

COAX CABLE ASSY.

TYPE OHMS LENGTH CONNECTOR STOCK# PRICE

RG-9B/U	51	25 FT.	2/UG-21	GEP19	\$2.25
RG-58/U	53	26 FT	UG-88/2	GEP19	1.50
RG-22/U	95	40 FT	PL/284	CD-879	.75
RG-22/U	95	46 1/2 FT	PL-284	CD-878	.80
RG-22/U	95	50 FT	PL-284	CD-877	1.00
RG-62/U	93	22 FT	2/UG-88	CG-1410	.75
RG-62/U	93	35 FT	2/UG-88	CG-1410	1.00
RG-62/U	93	130 FT	2/UG-88	CG-1410	1.95

CABLES FOR TESTS

CABLE #	PLUG #	LENGTH	USED WITH	PRICE
3E7243-2	GK12-23 1/2	52 IN.	TCS/REC-PS	\$2.75
3E7273-19	SKC16-23 1/2	29 IN.	TCS/TRS-PS	2.75
CD-515		48 IN.	BC-669	5.95
CD-501	F/BC-654 & PE-103			4.95
CD-548	2EA PL118	9 FT.	TEST SET	4.95
CD-549	2/ PL-112	9 FT.	TEST SET	4.95
CD-526	2/ PL-153	5 FT.	274 N SERIES	4.95
CD-532	2/ PL-152	5 FT.	"	2.75
CD-509		8 FT.	BC-659/620	2.75

COAX CONNECTORS USED

UG-290/U	BNC	RECPT.	USED	FOR	PRICE
UG-291/U	"	PANEL J	.20	"	1.00
UG-88/U	"	PLUG	.25	"	1.00
SO-239	UHF	CHASS NEW	.45	"	2.00
PL-259	"	PLUG	.45	"	2.00
M-359	"	ELBOW	.49	"	2.25
UG-21	N	PLUG USED	.59	"	1.00
UG-22	"	PANEL J USED	.39	"	1.00
UG-29 SPEC. BULK.	"	"	.79	"	1.50
UG-100/U LN	"	PLUG	.59	"	1.00
UG-100 SPEC. REC. CHAS.	"	"	.59	"	1.00
UG-109/U LN	"	ST. AD.	.79	"	1.50
10H/528 ENG.	"	CHAS. REC NEW	.59	"	1.00
10H/702	"	90 DEG. USED	.59	"	1.00
10H/1366	"	STRAIGHT	.59	"	1.00

INDICATORS



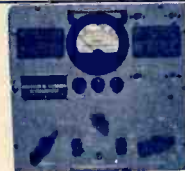
ID-66 SCOPE FOUNDATION FOR 7" C.R. TUBE 7CP1: USED AS VIDEO REPEATER, CONTAINS AMPLIFIER DEFLECTION CIRCUITS WITH CONT. WITH 7CP1, 2/12SN7, 1/6AC7 AND 1/6SN7 TUBES. NO 8016 OR 807. NO DYNAMOTOR / TRANSFORMER. SOLD "AS IS" NOT SOLD FOR ORIGINAL USE AS LISTED IN PREVIOUS CATALOGS. SIZE: 8 1/2 x 10 x 19; 20 LBS. USED \$12.50



ID-4/APN-4 INDICATOR 5CP1 CR USED WITH APN-4 LORAN SYSTEM. HAS ALL THE NECESSARY CONTROLS SO IT CAN BE CONVERTED FOR A CONVENTIONAL SCOPE OR AS A FOUNDATION UNIT FOR SLOW SOAN T.V. POWER SUPPLY IS FOR 115 V. 400 CYCLE OPERATION. SIZE: 9x12x20 WT: 35 LBS USED PRICE: WITH TUBES 5CP1 C.R. 14/6SN7, 3/6SL7, 1/6S7 AND 8/6H6. \$24.95 LESS TUBES \$12.95



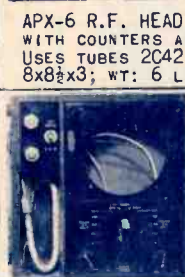
TS-238/TS-207 ECHO BOX WITH 200 DC MICROAMPERES METER 3" AND CRYSTAL ADAPTER FOR RF ENERGY. ECHO BOX IS A RESONANT-CAVITY DEVICE DESIGNED TO SIMPLIFY THE TUNING AND CHECKING OF RADAR BY PROVIDING A ARTIFICIAL OR "PHANTOM TARGET WHICH MAY BE USED IN USED IN TUNING THE RECEIVER TO THE TRANSMITTER IF NO REAL TARGETS ARE AVAIL. I PROVIDES A CLEAR, STEADY ECHO OF KNOWN CHARACTERISTICS WHEN SUCH AN ECH IS NOT OBTAINABLE FROM NEAR BY GROUND TARGETS.) REQUIRES UG-21 COAX. CONN. SIZE: 11x15x7; WT: 15 LBS. PRICE: RE-NEW \$15.00 UG-21 COAXIAL CONNECTOR FOR ABOVE UNIT. 75c



MA-1 RANGE SERVO TEST SET USED FOR TESTING AND TROUBLE SHOOTING AIR FORCE TYPE "A" SERIES RANGE SERVOS. SPECIFICALLY, THE TEST PROVIDES A MEANS OF MEASURING THE VARIOUS OPERATING VOLTAGES OF THE RANGE SERVO UNDER TEST AND LOCALIZING THE TROUBLE WITHIN A RADAR GUNSIGHT SYSTEM. CONTAINS 3 1/2" 50 MICRO-AMP METER WITH 0-60 0-150 SCALES IN RED FOR ACV & 0-50/500 VDC SCALE IN BLK. SELECTOR SWITCHES, INDICATOR LIGHTS AND FOUR GORN CONNECTORS 12M & 12F WHICH ARE MALE & FEMALE 12 CONTACT ALSO CABLE WITH MATCHING DETACH PLUGS. SIZE, 10 1/2 x 10 x 7 1/2 IN ALUMINUM CASE. WT; 18 LBS. PRICE: RE-NEW \$15.00

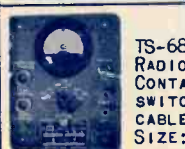
IDENTIFICATION SET

RT-82/APX-6 RADAR IDENTIFICATION SET RECEIVER-TRANSMITTER COVERING RANGE OF 950-1150 MC. IF FREQ 59.5/1.5mc. (CAN BE CONVERTED TO 1215mc. QST FEB. '61 SEPT. '60; 1296mc. QST JUNE '61). WITH (30) TUBES 6/6J6, 1/6A56, 1/3E29, 3/6AL5, 1/5Y3, 2/3B24, 3/6AL5, 2/12AU7, 1/6AK5, 1/2CA2, 1/2CA6, 1/1N40, 1/1N-43, 1/1N-25 DIGIT COUNTERS ON TUNERS FOR TRANS-REC-LO FREQ. CONTROLS. VOLTAGE REQUIRED: 24 AND 115 400/800 CYCLE. SIZE 13x13x10; WT: 45 LBS. \$39.50 PRICES: USED \$18.95 GOV'T RE-COND.



APX-6 R.F. HEAD A-403 P/O RF-29 WITH COUNTERS AND ANTENNA INPUT. USES TUBES 2CA2, 2CA6 & 1B40 8x8 1/2 x 3; WT: 6 LB. \$8.95

JACKSON MODEL 665-J-2 VOLT-OHM-MILLIAMMETER RANGES: AC/DC VOLTS 0-3/15/30/150/300 DC MILLS 0-3/15/150/300/1500 OHMS X1 & X-100 LESS METER, WHICH WAS 4" SQ WITH SCALE 0-30 & 0-150. SIZE: 8 1/2 x 9 x 4 1/2; WT: 5 LBS. USED \$3.95



URC-4 TEST SET TS-684/URM-30 ANALYZER FOR URC-4 RADIO SET, ALIGNMENT AND TESTING CONTAINS 0-1 MA METER, METERING SWITCH, CRYSTAL OSCILLATOR, ANTENNA CABLES ETC. IN METAL CARRING CASE. SIZE: 6x6x4; WT: 4 LBS. NEW \$8.95

PARTS BONNAZA



PLUG-IN TUNING UNITS USED WITH BC-191/BC-375 TRANSMITTER. THESE UNITS CONTAIN MANY PARTS THAT CAN BE USED BY SCHOOLS, LABORATORIES, HAMS, OR EXPERIMENTERS. LISTED BELOW ARE THE VARIOUS TUNING UNITS WITH FREQUENCY COVERAGE, AND PARTS LIST. ALL UNITS INCLUDE CABINET, KNOBS, HANDLES, BRACKETS, AND OTHER PARTS. THE NEW TUNING UNITS ALSO INCLUDE THE OUTER CASE.

SIZE: 17x9x7 1/2 WT: 13 LBS.

TU-5B 1500-3000 KC

M-O TANK INDUCTANCE
M-O BAND CHANGE SWITCH
ANTENNA COUPLING SWITCH
P-A BAND CHANGE SWITCH
CAPACITORS:
3/0.0001 MFD 3000 VOLTS
0.00003 MFD 2000 VOLTS
2/0.0004 MFD 5000 VOLTS
3/0.00009 MFD 3000 VOLTS
20-156MMF
ANTENNA COUPLING COIL
P-A GRID CHOKE COIL
M-O GRID CHOKE COIL
P-A TANK INDUCTANCE
RES. 15 OHMS, 4.5 WATTS
2 1/2" VERNIER DIAL
RIGHT ANGLE DRIVE
(NOT AVAILABLE)

TU-6B 3000-4500 KC
M-O TANK INDUCTANCE
P-A TANK INDUCTANCE
P-A GRID CHOKE COIL
M-O GRID CHOKE COIL
ANTENNA COUPLING COIL
M-O BAND CHANGE SWITCH
P-A BAND CHANGE SWITCH
ANTENNA COUPLING SWITCH
CAPACITORS:
2/0.00005MFD 3000 VOLTS
2/0.0004MFD 5000 VOLTS
VARIABLE CAP. 19-116 MMF, 8-26, 15-77 MMF
RES. 15 OHM, 4.5 WATTS
M-O TUNING COMPENSATOR
2 1/2" VERNIER DIAL
RIGHT ANGLE DRIVE
NEW \$5.95

TU-7B 4500-6200 KC
M-O TANK INDUCTANCE
P-A TANK INDUCTANCE
ANTENNA COUPLING SWITCH
ANTENNA COUPLING COIL
P-A GRID CHOKE COIL
M-O GRID CHOKE COIL
CAPACITORS:
2/0.0004MFD 5000 VOLTS
VAR. CAP. 8-26MMF, 23-111MMF, 19-116MMF
2 1/2" VERNIER DIAL
RIGHT ANGLE DRIVE
NEW \$5.95

TU-8B 6200-7700 KC
M-O TANK INDUCTANCE
M-O GRID CHOKE COIL
P-A GRID CHOKE COIL
P-A TANK INDUCTANCE
ANTENNA COUPLING COIL
ANTENNA COUPLING SWITCH
CAP. 3/0.0004MFD 5000V
VAR. CAP. 19-116MMF
8-26MMF, 15-77MMF
2 1/2" VERNIER DIAL
RIGHT ANGLE DRIVE
NEW \$4.95

TU-9B 7700-10,000 KC
M-O TANK INDUCTANCE
M-O GRID CHOKE COIL
P-A GRID CHOKE COIL
P-A TANK INDUCTANCE
ANTENNA COUPLING COIL
ANTENNA COUPLING SWITCH
CAP. 3/0.0004MFD 5000V
VAR. CAP. 14-62MMF, 19-116MMF, 8-26MMF
M-O CHOKE COIL
2 1/2" VERNIER DIAL
RIGHT ANGLE DRIVE
NEW \$4.95

TU-10B 10,000-12,500 KC
M-O TANK INDUCTANCE
M-O GRID CHOKE COIL
M-O PLATE COIL
M-O GRID CHOKE COIL
P-A TANK INDUCTANCE
P-A GRID CHOKE COIL
M-O BAND CHANGE SWITCH
ANTENNA COUPLING SWITCH
ANTENNA COUPLING COIL
CAPACITORS:
3/0.0004MFD 3000 VOLT
2/0.005MFD 5000 VOLTS
2/0.004MFD 5000 VOLT
2/0.0035 MFD 5000 VOL
0.002 MFD 5000 VOLTS
0.0005 MFD 3000 VOLTS
0.0007 MFD 3000 VOLTS
12 MMF, 35 MMF
VAR. CAP. 8-26 MMF
RES. 15 OHM 4.5 WATTS
2 1/2" VERNIER DIAL
RIGHT ANGLE DRIVE
USED \$5.95 NEW \$7.95

TU-8-B 6200-7700 KC

M-O TANK INDUCTANCE
M-O GRID CHOKE COIL
P-A GRID CHOKE COIL
P-A TANK INDUCTANCE
ANTENNA COUPLING COIL
ANTENNA COUPLING SWITCH
CAP. 2/0.0004MFD 5000V
VAR. CAP. 14-66MMF, 8-26MMF, 15-81MMF.
2 1/2" VERNIER DIAL
RIGHT ANGLE DRIVE
NEW \$5.95

TU-9-B 7700-10,000 KC
M-O TANK INDUCTANCE
M-O GRID CHOKE COIL
P-A GRID CHOKE COIL
P-A TANK INDUCTANCE
ANTENNA COUPLING COIL
ANTENNA COUPLING SWITCH
CAP. 3/0.0004MFD 5000V
VAR. CAP. 19-116MMF
8-26MMF, 15-77MMF
2 1/2" VERNIER DIAL
RIGHT ANGLE DRIVE
NEW \$4.95

TU-10-B 10,000-12,500 KC
M-O TANK INDUCTANCE
M-O GRID CHOKE COIL
M-O PLATE COIL
M-O GRID CHOKE COIL
P-A TANK INDUCTANCE
P-A GRID CHOKE COIL
M-O BAND CHANGE SWITCH
ANTENNA COUPLING SWITCH
ANTENNA COUPLING COIL
CAPACITORS:
3/0.0004MFD 3000 VOLT
2/0.005MFD 5000 VOLTS
2/0.004MFD 5000 VOLT
2/0.0035 MFD 5000 VOL
0.002 MFD 5000 VOLTS
0.0005 MFD 3000 VOLTS
0.0007 MFD 3000 VOLTS
12 MMF, 35 MMF
VAR. CAP. 8-26 MMF
RES. 15 OHM 4.5 WATTS
2 1/2" VERNIER DIAL
RIGHT ANGLE DRIVE
USED \$5.95 NEW \$7.95

TU-26-B 200-500 KC
M-O TANK INDUCTANCE
M-O PLATE COIL
M-O GRID CHOKE COIL
P-A TANK INDUCTANCE
P-A GRID CHOKE COIL
M-O BAND CHANGE SWITCH
ANTENNA COUPLING SWITCH
ANTENNA COUPLING COIL
CAPACITORS:
3/0.0004MFD 3000 VOLT
2/0.005MFD 5000 VOLTS
2/0.004MFD 5000 VOLT
2/0.0035 MFD 5000 VOL
0.002 MFD 5000 VOLTS
0.0005 MFD 3000 VOLTS
0.0007 MFD 3000 VOLTS
12 MMF, 35 MMF
VAR. CAP. 8-26 MMF
RES. 15 OHM 4.5 WATTS
2 1/2" VERNIER DIAL
RIGHT ANGLE DRIVE
USED \$5.95 NEW \$7.95

BC-306 ANTENNA TUNING UNIT 200-500 KC VARIOMETER COIL VARIOMETER DIAL ANTENNA COUPLE SWITCH INSULATOR NEW \$4.95

MT-314/MPG-1 INDICATOR TUBE MOUNT FOR 7BP7 C.R. ELECTRIC FOCUSING WITH DIEHL CONTROL MOTOR FPE-25 75 V 60 CYC 2 PH AND A.C. SELSYN 115 V. 60 CYC. TYPE XV #78386, CAST ALUM INUM HOUSING & TUBE SOCK-ECT FOR 7BP7 CATHODE RAY TUBE, FACE 1 1/2" SQ. x 1 1/2" DEEP, WT: 35 LBS. PRICE: LESS 7BP7 C.R. TUBE UNUSOD \$14.95 WITH 7BP7 C.R. TUBE \$22.95

DYNAMOTOR TESTER



TS-414 DYNAMOTOR TESTER
THIS EQUIPMENT PROVIDES A MEANS OF TESTING DYNAMOTORS OF SEVERAL TYPES UNDER LOAD CONDITIONS. PROVISION IS MADE FOR THE MEASUREMENT OF INPUT VOLTAGE, INPUT CURRENT, OUTPUT VOLTAGE, OUTPUT CURRENT AND OUTPUT RIPPLE VOLTAGE OF BOTH SINGLE AND MULTIPLE OUTPUT DYNAMOTORS. METERS; INPUT D.C.V.; INPUT AC VOLTS RMS; DC OUTPUT CURRENT; DC OUTPUT VOLTS POWER REQUIRED: 14/28 VDC, 50 AMPS.
SIZE: 27x21x17; WT. 100 LBS. \$35.00

COMPUTER



B-29 COMPUTER TESTER USED TO CHECK THE FIRE CONTROL SYS. THIS UNIT CONTAINS A VOLT-OHM METER WITH ONE OHM RANGE 300 OHM CENTER SCALE, AC; 3, 30, 150, 300. DC: 3, 30, 150. MILLIAMPMETER 2.5MA AND 25 MA. 2/2J1F1 400CYC SELSYN 1/2J1H1 SELSYN 400CYCLE WHICH WILL OPERATE ON 36V 60CYC. 11/WAFER SWITCHES 6/ POTENTIOMETERS, 8/TOGGLE SWITCHES, 1/FIVE PUSHBUTTON SWITCH, PLUS OTHER PARTS ALL IN A 19x12x16 1/2 IN LUGGAGE STYLE CASE WITH 4 FIVE FOOT CABLES AND CONNECTORS. SH. WT. 50 LBS. PRICE LIKE NEW \$22.50



TS-35/AP SIGNAL GENERATOR USED FOR THE TESTING AND GENERAL MAINTENANCE OF RADAR EQUIP. PRODUCES SIGNALS, CW OR PULSED INTERNALLY OR EXTERNALLY SYNCHRONIZED, OF KNOWN FREQUENCY AND POWER. USED TO MEASURE THE FREQUENCY AND AVERAGE POWER OF RADAR TRANSMITTER SIGNALS, AND TO PRODUCE FM SIGNAL FOR DETECTION OF DEFECTS IN RADAR EQUIP. WILL MEASURE SIGNAL TO NOISE RATIO, TRANSMIT RECEIVE RECOVERY TIME, FREQUENCY PULLING, AFC OPERATION AND BANDWIDTH. FREQUENCY RANGE: 8700-9500 MC; POWER SUPPLY 115V±10% 50-1200CYCLES
SIZE: 9x9x14, WT: 35 LBS. PRICE: USED, \$39.95

WIRE RECORDER



IC/VRW-7 SOUND RECORDER WIRE TYPE, ONE INPUT CHANNEL 600 OHM IMPEDANCE, 290 R.P.M RECORDING SPEED. FREQ. RESP ONCE 300 - 3500 CPS. CONTROL IN FRON OF MICROPHONE & SIDETONE. WITH 2/ 28D7 TUBES & MX-303A/ANQ-1 RECORDING WIRE FOR 60 MINUTES. VOLTAGE REQUIRED 24-28 VDC. THIS IS RECORDER ONLY NO PLAY BACK.
SIZE: 12x7x6 1/2; WT: 18 LBS. PRICE: USED \$9.95

SONAR



RT-200/AGS-4 SONAR RECEIVER-TRANSMITTER 20, 21 AND 22 KC APPROX. 150 TO 200 WATTS USES 2/829B TUBES PUSH-PULL, 2/6BE6, 2/12AU7, 1/6AQ7, 2/OA2, 4/12AU7, 2/6BA6, 1/6AT6 & 6BF6 VOLTAGES REQUIRED 28 VDC, 630 VDC 500 MA, SIZE: 17x9x7; WT: 20 LBS. PRICE: USED \$29.50



1-199 TEST SET DYNAMOTOR & HAND GENERATOR TESTER USED TO CHECK EQUIPMENT UNDER LOAD CONDITIONS. INPUT VOLTAGE READINGS 0-60 VOLTS DC & 60 AMPS. D.C. OUTPUT VOLTAGES 0-1200 VOLTS D.C. & 600 MA. D.C. ALSO PERCENTAGE OF RIPPLE IN THE INPUT & OUTPUT, ALL SHOWN ON 3" RD. METER. ALSO CONTROLS FOR VARIING VOLTAGE & CURRENT UNDER LOAD. SIZE: 18x12x11, WT: 40 LBS. PRICE: USED \$29.50 NEW \$39.50

DATA MAPPING

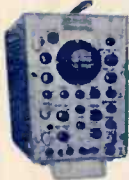


RADAR CONSOLE DATA MAPPING UNIT A-1007/FSQ; 15" CATHODE RAY TUBE DISPLAY WITH 8032 IMAGE CONVERTER TUBE MOUNTED IN THE GOOSE-NECK ASSY. OVERLOOKING THE CR TUBE, ELECTRIC SCANNING AND AMPLIFIER CIRCUITS WITH 12 KVDC AND 1.5 KVDC POWER SUPPLIES. MFG BY IBM FOR BENDIX. SIZE 33x35x60; WT: 150, USED \$75

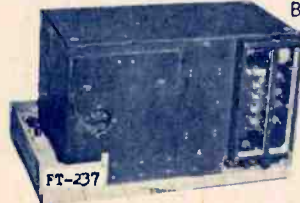


STARK TUBE CHECKER 9-66 OR DYNAMIC MUTUAL CONDUCTANCE TYPE DESIGNED TO PROVIDE EITHER REPLACE-GOOD READING OR MUTUAL CONDUCTANCE VALUE IN MICROHMS OF VACUUM TUBE USED IN RECEIVERS & TRANSMITTERS. WITH PROVISIONS FOR LOCATING SHORTS & LEAKAGE BETWEEN ELEMENTS ALSO NOISE TEST. ROLLER TYPE CHART FOR TUBE SETTINGS. NEW CHARTS CAN BE OBTAINED FROM MFG. WHEN NECESSARY.
SIZE: 18x17x8; WT: 45 LBS. USED \$65 CHKD \$75

OSCILLOSCOPE



OS-57/USM-38 OSCILLOSCOPE 3" CR PORTABLE GENERAL PURPOSE UNIT TO CHECK ELECTRONIC EQUIPMENT. SINE WAVE FLAT 30B 10 CPS TO 6 MCPS, SQUARE WAVE LESS 10% TILT FOR 50 CYC PS. POLARITY POS. UP NEG. DWN. DEFLECTION, INPUT IMP. 1 MEG. PARA. 35 MMFD. SWEEP TIME 1 TO 100M MIC-SEC PER IN. CONT. ADJ. TRIG. OR PERIODIC. 0-1 VOLT PK TO PK LINE FREQ. FL. TOP WAVE FOR CALIBRATION. TIVING MARKERS SYN. W/SWEEP, AVAILABLE 1, 10 AND 100 MIC-SEC. TRIGGER PULSE OUT. 100 V. PK. 1.5 MIC-SEC. PULSE, REPETITION RATE CONT VAR. 40 TO 5M PER-SEC. SWEEP DELAY EXP. 10% X9. V INPUT .1 RMS MIN. 150 RMS. MAX. PK 600V POWER REQ. 115 VOLT 50-400 CYCLE. WITH TUBES 3U1 C.R. 6/12AT7, 7/6H6, 5/5814, 2/12BY7, 2/5726, 2/OA2, 1/6X4, 1/5R4, 1Z2, 5718.
SIZE: 9x13x16 WITH HANDLE & STAND: WT: 36 LBS. PRICE: USED SERVICEABLE \$50.00 CHECKED \$65.00



BC-604 TRANSMITTER FREQ. RANGE 20-27.9 MC OUTPUT APPROX. 30 WATT. 10 CRYSTAL CONTROLLED CHANNELS. FREQ. 54 TIME CRYSTAL FREQUENCY 12 VOLT DC OPERATION WITH DM-35 DYNAMOTOR. 24 VOLT DC OPERATION WITH DM-37

DYNAMOTOR. BATTERY DRAIN 20A. ON 12 VOLT TUBE LINEUP; 1619 DOUBLER, 1619 TRIPLER, 1619 1ST RF AMPLIFIER, 1619 RF RECTIFIER, 1624 POWER AMPLIFIER.
SIZE: 18" L x 11" H x 10 3/8" D. WT: 60 LBS. LESS DYNAMOTOR. RE-NEW \$9.95

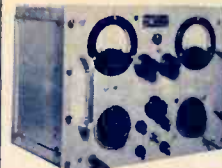
FT-237 MOUNTING BASE RE-NEW \$9.95

SHOCK MOUNT BASE TO HOLD ONE BC-924 TRANSMITTER AND ONE OR TWO BC-923 RECEIVER OR, ONE BC-603 RECEIVER. SOCKETS ON THE BASE WILL MAKE ALL OF THE NECESSARY CONNECTIONS TO THE SETS. TERMINAL BLOCK MOUNTED ON THE BASE FOR REMOTE CONTROL CABLE. WT: 44 LBS SIZE: 11 3/4" W x 1 3/4" H x 33 5/8" L.

1-61 TEST SET FOR TRANSMISSION MEASURING

PORTABLE BATTERY OPERATED UNIT USED TO MEASURE LOSSES OR GAINS IN CIRCUITS OR APPARATUS. AUDIO OSCILLATOR FREQUENCIES OF 500, 1000 AND 2500 CYCLES WITH LEVELS OF -40DBM, -20 DBM OR 0 DBM INTO A 600 OHM LOAD, THE RECEIVING AMPLIFIER IS CALIBRATED TO MEASURE LEVELS FROM A 600 OHM SOURCE BETWEEN -50 DBM & 15 DBM IN STEPS OF 0.5 DBM OVER THE FREQUENCY RANGE OF 100 TO 10,000 CYC THE 0 DBM IS ONE MILLIWATT IN 600 OHMS. UNIT ALSO CONTAINS A EE-88 FIELD TELEPHONE, BATTERY OPERATED ASSY. WITH A TS-9 HANDSET. AND BE PURCHASED WITHOUT THIS ASSEMBLY. COMES IN WOOD CARRING CASE 18x10x11, WT: 47 LB PRICE, COMPLETE WITH TELEPHONE ASSY & TS-9 USED \$29.95 RE-NEW \$39.50 LESS TEL. ASSY " 19.95 " " 29.50

MD-34/ARA-8 MODULATOR KEYING UNIT AUTOMATIC HOMING KEYING ASSY. THAT OPERATES FROM 24 VDC MOTOR THAT IS CONNECTED TO A WORM GEAR WHICH ACTUATES THE CODED WHEEL THAT INTERRUPTS THE SIGNAL AND TRANSFERS FROM ONE ANTENNA TO ANOTHER. ALSO HAS RELAY AND THREE SO-239 TYPE COAX. CONN. CAN BE USED AS A REMOTE ANTENNA CHANGE-OVER. SIZE: 3x10x4 1/2, WT: 5 LBS. PRICE: USED..... \$1.95



TS-730 SUMMATION BRIDGE WATTMETER USED TO MEASURE R.F. OUTPUT IN THE 1000 TO 4000 MC RANGE. EMPLOYS A DIRECT READING CIRCUIT IN WHICH A BOLOMETER ACTS AS ONE ARM OF A D.C. WHEATSTONE BRIDGE AT THE SAME TIME PROVIDING THE CORRECT RESISTIVITY TERM

INATION FOR RADIO FREQ. POWER ENTERING THE WATTMETER. POWER INPUT 5 MW TO 5 WATTS. INPUT IMPEDANCE 50 OHMS. METERS 3 1/2" 0-50 RELATIVE POWER AND CENTER SCALE BALANCE. WITH TUBES 2/5651, 6AU6, 6AS7G & 5Y3GT. POWER REQ. 115 V. 50-1600 CYCLE.
SIZE: 13x14x11; WT: 19 LBS. PRICES: LESS ATTENUATOR KIT BUT AS ILLUSTRATED LEGS CARRING CASE \$14.95 WITH ATTENUATOR KIT AND CARRING CASE 35.00

M4A1 PERISCOPE WITH TELESCOPE

TWO MIRROR TYPE PRISMS IN METAL BODY WITH M77C TELESCOPE 1.5 POWER W/COATED OPTIC, ERECT IMAGE AND ILLUMINATED. ADJUSTMENT FOR ELEVATION AND DEPTH.
OVERALL SIZE 11x6x1 1/2; PERISCOPE SIZE 5x1; WT: 9 LBS. PRICE: COMPLETE UNIT \$7.95 LESS TELESCOPE 4.95 TELESCOPE ONLY 4.95

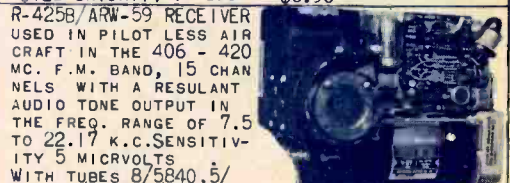


MIRROR TYPE PRISM (NOT SOLID GLASS) (MAKE YOUR OWN PERISCOPE AS LONG AS YOU WANT)
SIZE: 6x1 1/2x2 1/2; 2LB. \$1.00



TS-13 SIGNAL GENERATOR 9305 TO 9445 MC. PER SEC. WITH CALIBRATED ATTENUATOR, WAVEMETER AND A THERMISTOR MEASURING POWER CIRCUIT. SIG. OUTPUT CW, FM, PULSED CARRIER. RECEPTION CW & PULSED CARRIER. PO 50 MICRO WATTS, OUT. IMP. 50 OHMS WITH TUBES 3/6SN7, 2/6AC7, 1/6Y6, 1/723AB(2K25) 1/5U4G, 3/0C3/VR-105. POWER REQUIRED 115V 60 CYCLE. (WRITE FOR MORE INFORM.)
SIZE: 11x21x10 1/2; WT: 75 LBS. PRICE: USED \$25.

1-242 RADAR TEST SET DESIGNED TO FURNISH A COMPARATIVE INDICATION OF TRANSMITTER OUTPUT AND MEASURE PULSE RECURRENCE RATE. CONSISTS OF DUMMY LOAD WITH 3" METER 0-50 MA WITH 0-100 SCALE. USED SIZE 8x10x11; 14 LBS \$6.95

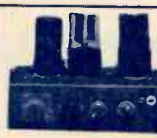


R-425B/ARW-59 RECEIVER USED IN PILOT LESS AIR CRAFT IN THE 406 - 420 MC. F.M. BAND, 15 CHANNELS WITH A RESULANT AUDIO TONE OUTPUT IN THE FREQ. RANGE OF 7.5 TO 22.17 K.C. SENSITIVITY 5 MICRVOLTS WITH TUBES 8/5840, 5/5702, 6/5718, 2/5647, 1/5639 ALSO 2 CRYSTALS, 24 VDC BLOWER AND DYN. 24 VDC 2.3 A. OUTPUT 128 V. 205 MA
SIZE: 8x8x6; WT: 10 LBS. USED \$14.95

CARRIER MONITOR



CARRIER MONITOR; WHEN COUPLED TO AN ANTENNA TRANSMISSION LINE IT PROVIDES DIRECT CURRENT TO A REMOTE POSITION WHICH CAN BE USED AS AN INDICATION OF PROPER TRANSMISSION. THE OUTPUT AMPLITUDE IS PROPORTIONAL TO THE CURRENT FLOW IN THE TRANSMISSION LINE. INPUT IMPEDANCE 600 OHM, OUTPUT IMP. 600 OHM. OUTPUT LEVEL - 30BM FOR 100% MOD. INTO 600 OHM LINE. WITH TUBES 6X4, 6J6, 6AL5, V103. VOLTAGE REQ. 115/230V 60 CYC. OUTPUT JACKS AND CONTROLS ON FRONT PANEL. ALSO 2 VACUUM CAPACITORS 3MFD 15 KV AND LEAD FOR CONNECTING TO 500 TO 50K WATT TRANSMITTER IN THE 2 TO MC. RANGE. UNIT ALSO HAS COVER.
SIZE: 6x6x8 1/2; 15 LBS. #1028017 unused \$4.95



CRYSTAL HOLDER 1/2" SPACING AND VARIABLE CONTROL FOR ADJ. FREQ. REQUIRES FIL. & HIGH VOLT. SIZE: 6x5x3 3/8; 5 LBS. USED \$6.95

RADAR SET



RT-39/APG-5 RECEIVER-TRANSMITTER P/O APG-5 RADAR SET. FREQ. RANGE 2500 TO 2600 MC. POWER OUTPUT 0.5 KW, OPER. RANGE 200 TO 1800 YDS AGAINST AIRCRAFT 5000 YDS AGAINST SHIPS, REMOTE CONTROL, THIS UNIT SUPPLIES RF PULS TO ANT. AND FEEDS REC. ECHO TO RANGE UNIT. PULSE MODULATED CRYSTAL MIXER. POWER REQ. 115V400 CYC AND 24 VDC. TUBES REQUIRED 1/2C43, 1/2C40, 1/3E29, 9/6AK5, 1/2X2, 1/5Y3, 1/VR-105, 1/1B27 AND 1/1N21. CONNECTOR PLUG \$2.00
 SIZE: CAN 16x10; WT: 25 LBS.
 PRICE: WITH TUBES \$39.50 LESS TUBES \$20

CP-8/APG-5 RANGE COMPUTER; USED W/ RT-39/APG-5 R/T LISTED ABOVE, RECEIVES VIDEO FROM R/T AND FURNISHES V PROPORTIONAL TO RANGE TO SERVO AMPLIFIER. POWER REQ. 115 V. 400 CYCLE AND 24 VDC. WITH TUBES 2/5Y3, 2/6AC7, 2/6S7, 3/6SL7, 5/6SN7, 1/6Y6, 1/884, 1/VR-105 & 1/VR-150. ALSO 24 VDC BLOWER.
 SIZE: 16x10 CANNISTER COVER INCLUDED. WT: 25 LBS. (DEMILITARIZED BUT NO EFFECTIVE DAMAGE.) \$19.95
 PLUG CONNECTORS \$2.00 EA. 2 REQ.

AM-61/APG INDICATOR AMPLIFIER; USED WITH APG-5 AND APG-15 SYSTEM WITH 1D-116 INDICATOR. POWER REQ. 115 V. 400 CYC. & 24 VDC. WITH TUBES 7/6SN7, 1/5Y3, 3/6SL7, 1/8016, 3/VR-105, ALSO 24 VDC BLOWER.
 SIZE: 16x10 CANNISTER COVER INCL. WT: 25 LBS. \$19.95
 PLUGS \$2.00 EA. 2 REQ.

ID-93/APG-13 RADAR INDICATOR; GIVES TYPE M INDICATION, TYPE INDICATION WITH A STEP AEOC OF OUTPUT OF RT-39/APG-5 REC. TRANS. (DESCRIBED ABOVE). POWER REQ. 115V400 CYC AND 24 VDC. WITH TUBES 1/3P1, 2/6H6, 6/6SN7, 1/5Y3 & 1/2X2. ALL CONTROLS ON FRONT PANEL, VERTICAL HORIZ., INTENSITY, ZERO SLOPE, MARKER AMPLIFIER REC. GAIN, YARDS RANGE, FOCUS ETC.
 SIZE: 8x10x16; WT: 25 LBS. NEW \$19.95
 CONNECTOR PLUGS, 1 TO RT-39, 1 TO C-1 SIGHT AND 1 FOR INPUT POWER, EACH PLUG \$2.00.



CU-128F/U ANTENNA COUPLING UNIT; IMPEDANCE MATCHING UNIT DESIGNED TO PROVIDE EFFICIENT SIGNAL TRANSFER BETWEEN ANTENNA TRANSMISSION LINES OF DIFFERENT IMPED. IN RECEIVING INSTALLATIONS. FREQ. RANGE 4 TO 20 MC. INPUT IMPED. 200, 250 OR 700 OHMS. OUTPUT IMPED. 70 OHMS. UNIT HOUSED IN WATERPROOF METAL BOX WITH MOUNTING FACILITIES & MANUAL
 SIZE: 8x4x7 1/2 SHPG. WT: 15 LBS. RE-NEW \$3.95

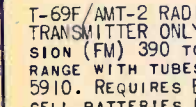


CANADIAN PERFORMANCE TEST SET TYPE QE1740. PORTABLE UNIT FOR CHECKING SARAH BEACONS RB55 ETC. CONSISTS OF A RECEIVER USING TUBES 2/CV2361 AND TRANSMITTER

CV-468 FOR CHECKING AT APPROX. 244 MC. WITH VARIABLE TUNING ON EITHER SIDE. PHONE JACK FOR REC. BUT THE TRANS. IS FOR USE WITH A EXTERNAL CODING DEVICE WHICH IS NOT SUPPLIED. HAS 3 1/2" 0-200 D.C. MICROAMP. METER WITH METERING SWITCH FOR CHECKING VARIOUS CIRCUITS. POWER REQ. 90 & 420 VDC. WITH TUBES AND ANTENNAS IN CARRYING CASE.
 SIZE: 15x8x9; WT: 10 LBS. PRICE: USED \$9.95



RT-35/AM RADIOSONDE TRANSMITTER-RECEIVER 675 TO 725 MC, USED FOR WEATHER AND RADAR OBSERVATION WITH 4/1L4 & 1/2C35 TUBES. VOLTAJE REQ. 90 VDC & 1 1/2 VDC SIZE 3 1/2x4 1/2x10; WT: 5 LBS. PRICE: NEW \$3.95



T-69F/AMT-2 RADIOSONDE TRANSMITTER ONLY. F-2 EMISSION (FM) 390 TO 410 MC RANGE WITH TUBES 5703 AND 5910. REQUIRES BB-208 DRY CELL BATTERIES (SOLD SEPARATELY). SIZE: 6 1/2x5x2 1/2; WT: 2 LBS. \$1.95
 BB-208 DRY CELL BATTERY SET WT: 1 LB. \$5.99



BD-62 SWITCHBOARD; HAS PROVISIONS FOR 1 TELEPHONE, 2 OUTPUT AND 8 MICROPHONE CIRCUITS WITH LEVER TYPE KEYS & DROPS AND PATCHING FACILITIES FOR ALL CIR.
 SIZE: 32 1/2x8 1/2x8 1/2; WT: 30 LBS. USED \$9.95



EE-101 TELEPHONE RINGING EQUIPMENT USED FOR CONVERTING 20 CYCLE RINGING TO 1000/20 CYCLE ALSO 1000 CYCLE TO 20 CYCLE FOR OPERATING TEL. DROPS ON 2 CHANNELS. OPERATES FROM 115/230 V. 50/60 CYCLE OR 12 VDC. WITH TUBES 6/6S7, 1/6V6GT. 19x9 RACK MTG. SHIPPED IN WOOD CHEST 100 LBS. PRICE USED \$9.95



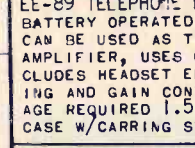
TG-30 REPEATER, TELEGRAPH TERMINAL FOR TRANSMITTING OR RECEIVING ON A HALF DUPLEX ONE CHANNEL OPERATION. CAN BE USED TO INTERCONNECT NEUTRAL AND POLAR ENTRIAL OR TWO PATH POLAR EXED OR COMPOSITED RETURN CIRCUITS. SPEED 60/66. OPERATES FROM 115/230 V. 50/60 CYC & 115 VDC SHIPPED IN WOOD CHEST 25x16x14; 175 LBS
 PRICE: USED \$12.95; RE-NEW \$16.95



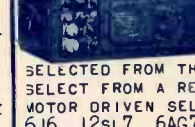
RC-263 TRANSMITTING EQUIPMENT; 1.5 TO 10 MC CRYSTAL CONTROL OR M.O. ON ANY 4 PRESELECTED CHANNELS WITH LOCAL OR REMOTE DIALING OF "ON" OR "OFF" CHANNEL SELECTION ETC. 75 WATT C.W. 50 WATT PHONE. POWER REQ. 100 TO 260 V. 25-60 CYCLE FOR OPERATION OF THE BUILT IN POWER SUPPLY. THE BC-1100 TRANSMITTER CAN BE OPERATED REMOTELY AND COMES WITH TUBES 6/6L6, 3/807, 1/VR-150, 1/5Z3 & 2/RK-60. THE RM-40 CONSISTS OF AMPLIFIER W/LINE LEVEL METER, MICROPHONE CIR. SWITCHING AND PULSE DIAL CIRCUITS TO CONTROL THE TRANS. WHICH CAN BE DONE OVER TEL. LINES. WITH TUBES 2/6J5 & 1/80.
 TRANS. SIZE: 18x40x30; WT: 41 1/2 LBS.
 REMOTE " " 10x14x13 1/2; WT: 50 LBS.

SPARE PARTS BOX CONTAINS THE OPERATING TUBES, SPARE TUBES 16 SAME AS USED IN EQUIP. 2 HAND TYPE CHROME, CARBON MICS. 100 OHM, 7 METERS, 8 RELAYS, 1 SWITCH, 25 RESISTORS, 20 CONDENSER 110 FUSES, 2 RECT. 2 RHEO. 2 POTS, 24 LAMPS ETC. ALSO 2 MANUALS. SPARE PARTS BOX WEIGHT 72 LBS.
 PRICE: BC-1100, RM-40 & SPARE PARTS \$195.00
 WITH BC-1100 & RM-40 W/OPERATING TUBES \$150
 MANUAL BC-1100 W/OPERATING TUBES \$125.00
 RM-40 REMOTE CONTROL UNIT ONLY \$35.00

USED \$3.95 **PORTABLE REPEATER**



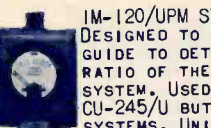
EE-89 TELEPHONE REPEATER; PORTABLE BATTERY OPERATED, 2 WAY LINE UNIT, CAN BE USED AS TERM. OR INTERMEDIATE AMPLIFIER, USES ONE 3Q5GT TUBE, INCLUDES HEADSET ELEMENT FOR MONITORING AND GAIN CONTROL, BATTERY VOLTAGE REQUIRED 1.5 & 90 VDC. IN WOOD CASE W/CARRYING STRAP. SIZE: 6x9x8; WT: 12 LBS.



RDR NAVY RADIO RECEIVER 225 TO 390 MC. CRYSTAL CONTROL ON ANY 10 PRE-SET CHANNELS WHICH ARE MANUALLY SELECTED FROM THE SET OR CAN ELECTRICALLY SELECT FROM A REMOTE POSITION BY USE OF THE MOTOR DRIVEN SELECTOR. WITH TUBES 9003, 6AK5 6J6, 12SL7, 6AG7, 12A6, 2/12H6, 2/6C4, AND 4/12SG7. 12 VOLT DC POWER REQUIRED. SIZE: 21x16x9; WT: 45 LBS. USED \$29.95
 RDR CRV-46283 MANUAL \$5.00



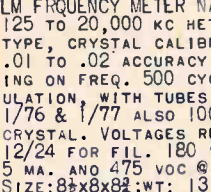
NAVY INTERPHONE AMPLIFIER USED WITH TCS EQUIPMENT. PUSH-PULL 2/12A6 TUBES. CARBON MIC. INPUT 75-200 OHM ALSO 600 OHM. OUTPUT 125 OHM. VOLTAGE REQUIRED 12 VDC & 250 VDC 60 MA. HAS MOUNTING FOR DYNAMOTOR 15x032, 12 VOLT.
 (SEE CONVERSION INFORMATION LISTED BELOW.)
 SIZE: 7x10x7; WT: 15 LBS.
 PRICE: AMPLIFIER WITH TUBES \$2.95
 " " " & DYN. 6.95
 KIT FOR CONVERSION TO SPEAKER OUTPUT, APPROX 5 WATTS, INCLUDES OUTPUT TRANSFORMER, MIC & PHONE JACKS, SWITCH, CABLE AND PLUG FOR PLUGGING INTO LIGHTER AND INSTRUCTIONS. \$2.00



IM-120/UPM STANDING WAVE RATIO METER DESIGNED TO BE PLACED OVER 1 1/2" WAVE GUIDE TO DETERMINE THE STANDING WAVE RATIO OF THE WAVEGUIDE TO THE ANTENNA SYSTEM. USED WITH DIRECTIONAL COUPLER CU-245/U BUT CAN BE ADAPTED TO OTHER SYSTEMS. UNIT HAS 6/1N25 CRYSTAL DIODES AND 3 1/2" METER FOR INDICATION. ALSO INSTRUCTION MANUAL. THE CARRYING CASE IS ALUMINUM SEALED WATERPROOF AND IS OPTIONAL. CASE SIZE 9x7x5 1/2; WT: 10 LBS. NEW PRICE: LESS CASE \$11.50 WITH CASE \$14.95



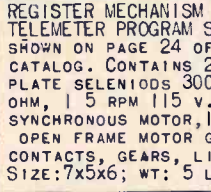
CABINET, FROM MULTI-POINT STATION CONTROL, AUTOMATIC ELECTRIC MFG. STEEL CABINET WITH WIRED CONTROL PANEL. CONTROL PANEL INCLINES AT 45° ANGLE AND EXTENDS 7 1/2" DEEP FROM THE CABINET FACE. PANEL INCLD. (5) PUSH BUTTON SWITCHES, (8) INDICATOR LIGHTS, (4) INPUT JACKS, & (3) FUSE HOLDERS. ON-OFF SWITCH. INTERNAL COMPONENTS REMOVED EXCEPT FOR (4) PLUG-IN RELAYS & A JUNCTION BOX. 120 VAC POWER REQUIRED. CABINET HAS REMOVABLE SIDE PANELS. SIZE: 36"Hx24"Dx12"W. SHPG. WT: 100LBS #5815-638-2333 PRICE: USED GOOD COND. \$12.95



LM FREQUENCY METER NAVY TYPE 125 TO 20,000 KC HETERODYNE TYPE, CRYSTAL CALIBRATED, .01 TO .02 ACCURACY DEPENDING ON FREQ. 500 CYCLE MODULATION, WITH TUBES 1/6A7, 1/776 & 1/777 ALSO 1000 KC. CRYSTAL. VOLTAGES REQUIRED 12/24 FOR FIL. 180 VDC @ 5 MA. AND 475 VDC @ 20 MA
 SIZE: 8 1/2x8x8 1/2; WT: 13 LBS.
 WE HAVE A FEW SETS REMAINING THAT ARE LESS TUBES, CRYSTAL, NEON LAMP, CALIBRATION BOOK, FACE DIAL ALSO SOME SWITCHES, KNOBS, VOLUME CONTROL, CONNECTOR MAY BE MISSING OR BROKEN, AND CASE MAY BE DENTED OTHERWISE INSIDES ARE CLEAN. SOLD "AS-IS" \$8.00



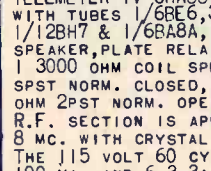
TELEMETER PROGRAM SELECTOR FOR PAY TELEVISION CHOICE OF THREE PROGRAMS WITH PROVISIONS FOR DEPOSITING THE AMOUNT OF MONEY REQ. FOR EACH PROGRAM AS INDICATED ON THE COIN REGISTER WHICH ALSO SHOWS THE CREDIT BALANCE. THE PRE-RECORDED TAPE GIVES THE PROGRAM INFORMATION. (THE EXACT FREQ. OF THE SIGNAL CARRYING THE VIDEO AND SOUND IS NOT KNOWN BUT IS THOUGHT TO BE ABOUT 35 MC. WITH A 8 MC. SIGNAL FOR TRIGGERING THE THE CONTROL MECHANISM. SIZE: 15x7x7; WT: 25 LB THE ITEMS LISTED BELOW ARE PART OF THIS UNIT AND CAN BE PURCHASED SEPARATELY.
 COMPLETE UNIT #1001/5 \$9.95
 CABINET ONLY; HIGH IMPACT PLASTIC, 3LBS. \$2.25



REGISTER MECHANISM FROM T.V. TELEMETER PROGRAM SELECTOR, SHOWN ON PAGE 24 OF REGULAR CATALOG. CONTAINS 2 ACTUATING PLATE SELENIODS 300 & 1200 OHM, 1 5 RPM 115 V. 60 CYCLE SYNCHRONOUS MOTOR, 1 115V 60 OPEN FRAME MOTOR GEARED, CONTACTS, GEARS, LIGHTS ETC. #TELE-REG.1001
 SIZE: 7x5x6; WT: 5 LBS. A GOOD BUY FOR \$4.95



TAPE MAGAZINE 1/2" CONTINUOUS REEL APPROX. 66 FT. WITH RECORDING HEAD TENSION ROLLERS. UNIT WAS USED WITH THE REGISTER MECHANISM WHICH TURNED AT 20 RPM. CAN ALSO BE USED AT OTHER SPEEDS IF PROPERLY COUPLED. PART OF THE COIN COLLECTOR FOR THE TV TELEMETER UNIT. #TAPE MAG.1001
 SIZE: 4x6x3; 2 LBS. PRICE: \$2.95



TELEMETER TV CHASSIS #334 WITH TUBES 1/6BE6, 3/6J8A 1/12BH7 & 1/6BA8A, 4" SPEAKER, PLATE RELAYS 1 3000 OHM COIL SPOT & SPST NORM. CLOSED, 1 3000 OHM 2PST NORM. OPEN. THE R.F. SECTION IS APPROX. 8 MC. WITH CRYSTAL OF 8135. THE 115 VOLT 60 CYC. POWER SUPPLY IS 150 VDC 100 MA. AND 6.3 3A. CHASSIS SIZE 10 1/2 L. x 6 DEEP x 6 HIGH WITH SPEAKER. WT: 10 LBS. # TELE-CHASS. 1001 \$5.95

Control Boxes

Filters

Indicators

Tuning Units

Amplifiers

VACUUM CAPACITOR

VACUUM CAPACITOR 3 MMFD 15 KVDC, PLUS OR MINUS 10% W/ CONNECTORS. SIZE 5/8x4; 8oz. JENNINGS TYPE Y-3 \$1.50

WESTERN ELECTRIC No. 8047 50 MMF, 5 KV, 5 AMP. SIZE: 1 1/2 x 1 1/2; 4 oz. U/WBC442 \$2.50

C-345A/MRC-2 CONTROL BOX HAS VOLUME CONTROLS, PHONE & SPEAKER JACKS, FOR TWO RECEIVERS A & B. ALSO 2 1/2 FT CORDS W/PL-68 PLUGS TO CONNECT THE UNIT WITH A & B. 6x3x2 WT: 4LB PRICE: \$3.95

TELECORD REMOTE CONTROL 3 NEON IND. 2 SPST PUSH SW W/25' 7 COND. CORD. 3x2x5 1/2; 5 LB. NEW \$4.95

C-87/ART-13 CONTROL BOX, WITH 11 CHANNEL SWITCH, OFF, VOICE, C.W-MCW, IND. LIGHT, MIC JACK & CODE KEY. \$2.95

C-626/ARC-27 CONTROL BOX. AUTOMATIC CHANNEL SELECTOR PRESET MECH. W/ 24 V. DC MOTOR, RELAYS, GEARS ETC. SIZE 6 1/2x6x5; WT: 13 LBS. PRICE, USED \$4.95

BC-1303 CONTROL UNIT USED IN IE-36 TEST SET FOR SCR-522. HAS ALL FACILITIES FOR OPERATION, OFF-A-B-C-D CHANNEL SWITCH, MIC, PHONE & ANT. JACKS, TRANS, REC & REMOTE SW. & PL-170 RECEPTACLE. \$3.95

ALARM BELL OPERATES ON 24 VDC. 4 1/2x4 1/2x2 1/2 # 561-3 \$1.25

BC-1366 BC-335 C-4/ARN-7 RADIO COMPASS CONTROL BOX USED W/R-5, 5A ARN-7, THREE BANDS 200-1750 2" TUNING METER & GRAIN OF WHEAT LAMPS. TAKES MC-124 CONTROL SHAFT. USED \$3.95

BC-1366 CONTROL BOX CONSISTS OF 5 POSITION ROTARY SWITCH, VOLUME CONTROL & MICROPHONE & PHONE JACKS PRICE: \$1.00

BC-606 CONTROL BOX; USED WITH BC-603/604, HAS PHONE & MIC. JACK, SPST SW. VOL. CONTROL, TERM. STRIP ETC. 4x4x2; 1 LB. \$1.00

Beam Filter
NAVY TYPE 16F2150 1020 CYCLE ACCEPT OR REJECT W/PL-55 PLUG ON CORD. PRICE: NEW \$2.25
FL-8 AIRFORCE TYPE SAME AS ABOVE LESS PL-55 \$2.50

TL-150 TUNING WAND FOR BC-659, BC-620 \$7.75

SIDE BAND
Loading Coil C-114 - \$1.50

PHONE PATCH TRANSFORMER C-161 - \$1.50

HORN
AIRCRAFT HORN SIGNAL WARNING EMERGENCY. TYPE J-1 Part # 71918 24 VOLT DC. 4"x1 1/2" LB. PRICE: \$1.50

C-493A/VRC-2 CONTROL BOX w/ VOL. & SQUELCH CONTROLS, REC & GREEN IND. LIGHTS, AND STD 4-PRONG AMPHENOL MIKE RECEPTACLE. SIZE: 7x2 1/2x2 1/2 WT: 3LB PRICE: UNUSED \$2.95

SB-329/AR SIGNAL DISTRIBUTOR VOL. CONTROL, 4-POSITION TRANS. SELECTOR SW., TWO IND LIGHTS W/ 327 LAMPS, 3/SPDT REC. MINIATURE (1/2x1/2) SW., SPDT MB MINI-SW., DPDT NAV MINI-SW. (1/2x1/2). SIZE: 5 1/2x2 1/2x4 1/2 WT: 3 LBS. PRICE: USED \$3.50

FLASHER POSITION LIGHT, PERIODIC AIRCRAFT TYPE C-2, CONTAINS 2 FLASHER G-107 BALLAST TUBE, 24VDC RELAY DPDT, COND, RES. SIZE: 4x4x4; WT: 2 LBS. USED PRICE: \$1.00 EA. 2/\$1.50

BC-1152 SCOPE INDICATOR 3" CATHODE RAY TUBE 3HP7, 1/6H6. CONTROLS FOR CENTERING HOR. VERT. AZIM. INTENS. FOCUS & SCALE ILLUM. CABLES WITH 3 PL-259 COAX. CONN. H.V. PLUG & CONTROL PLUG. SIZE: 14x5x5; WT: 10 LBS. PRICE: USED \$4.95

C-30/ARC-5 BC-451 BC-136/2 C-30/ARC-5 CONTROL BOX with 7 push button switches marked A, B, C, D, OFF, 1&2. Also tone, SW & voice switch & connectors. Price... \$1.00

BC-451 CONTROL BOX with switches tone-CW-voice, on-off, 1/2/3/4 also code key, mic & phone jacks.

BC-136-2 Control unit with mic & phone jacks, volume control & two binding post. \$3.50 each Four for \$1.00

1-101 CROSS POINT INDICATOR FOR COMBINED USE FROM LOCALIZER REC. & GLIDE PATH REC. PART OF ARN-5 & RC-103. SIZE 3 1/2x3 1/2x3 WT: 3LBS. RECOND. \$2.95

CAMERA LIGHT FILTER GRAY COLOR 50% TRANS. SCREW IN MOUNTING. 2-23/32 69MM DIA. WRITTEN DENSITY .30 FOR WOLLENSAK TYPE V254 MM F4.5 35 MM P/O PH330G CAMERA BA1101-50.4 \$1.95

CONNECTORS
PL-58 AND JK-37 THREE PRONG PLUG AND JACK. PLUG IS KEYS TO PREVENT INSERTING PLUG BACKWARDS. 2x3x1 1/2 EACH \$.59 PAIR 1.00

CONNECTOR PLUGS 15 CONTACT SIZE: 2 1/2x1 1/2x1 1/2 PER PAIR \$1.50 P-601

18 CONTACTS 2 1/2x2 1/2x1 1/2 P-2802 PER PAIR \$2.00

35 CONTACT CONNECTOR MALE #621905 FEMALE #407375 SIZE 2 1/2x1 NO COVER \$1.50 PR.

15 CONTACT, POLARIZED 3 LARGE CONT. SIZE 1 1/2x1 1/2 AMP #26-150 F/CHASS.#151 W/CO USED \$1.50

NICKEL CADMIUM BATTERY 1.2 VOLT RECHARGEABLE APPROX. 4 AMP HOUR SIZE: 2 1/2x2x6; WT: 6 Oz. BB-403 \$2.50

BB-208/AMT RADIO-SONDE DRY CHARGE BATTERIES, 4 IN A VACUUM PACKED CAN, ONE 6V 2 1/2 HR THRU 30 OHMS, 3 36V EA. 3A HR. THRU 1200 OHM. EA. BATT. SIZE 1-5/16x29/32x4-5/32; WT. EA. BATT. 4 1/2 oz. BATTERY PACK (4) .59

N-T-6 PLASTIC STORAGE BATTERY DRY CHARGE, 6 VOLT 4 AMP. 3 1/2x2 1/2x2; 1 1/2 LB \$3.95

BB-54 WILLARD PLASTIC STORAGE BATTERY 2 VOLT 28 AMP. HOUR NON-SPILLABLE, BALL INDICATOR DRY CHARGE, ADD ELECTROLYTE SIZE 4x5x3; WT: 4LB. \$2.95

AUTOTUNE HEAD FOR ATC/ART-13 TRANSMITTERS. MULTITURN UNIT WITH DIAL 0-100, KNOB, REVOLUTION COUNTER, LOCKING DEVICE FOR PRESETTING. CONTROL "B". COL#23518 PRICE: \$1.95

SINGLE BAND BEAM BALUNS INPUT 75 OHM UN-BALANCED. OUTPUT 100 OHM BALANCED. 10, 15, AND 20 METER UNITS. WEATHERPROOF. 3 1/2x3 1/2x4 WT: 5LBS SPECIFY METER BAND 10, 15 OR 20. PRICE: NEW \$1.95

FLEXIBLE COUPLING
METAL FLEXIBLE COUPLING 2" X 1 1/2" FOR 1/4" TO 3/8" SHAFT COUN002 EA. \$.40

INSULATED FLEXIBLE COUPLING 1" X 1/2" FOR 1/2" SHAFT. COUN003 \$.25

JOHNSON CERAMIC COUPLING 2x2 F 1/2" SHAFT #COUN006 59¢ 2 FOR \$1

METAL FLEXIBLE COUPLING FIT 1/2" TO 3/8" SHAFTS. 1" DIA. 1 1/2" LONG. COUN005 \$.25

PRESSURE TRANSDUCER TYPE M-1 TOSS BOMB COMPUTER ELECTRIC TYPE DUAL DIAPH. HIGH LOW CONN. PITOT & STATIC LINES. SIZE 6x3x4; WT: 3 LBS. STK#1280-568-6013 \$3.95

LANDING GEAR
SWITCH ASSEMBLY, SINGLE POLE DOUBLE THROW, PLUNGER TYPE, PLUNGER IS DEPRESSED OPENS ONE CONTACT, CLOSSES OTHER, SPRING RETURN. SIZE 3x2x1 1/2; PLUNGER 2 1/2. WT: 8 oz. PRICE: \$.50

DICTOGRAPH SWITCH BOX LEVER SWITCH 3 POSITION OFF-LISTEN-TALK, 2 INDICATOR LIGHTS, 6 POSITION WAFER SWITCH, 5 FT. 14 COND. CABLE, WOOD CASE WALNUT FINISH. 2x4 1/2x3 3 LBS. #DICT. 95083 \$3.95

REMOTE CONTROL BOX 3 SPST SWITCHES, 2 EA. MIC & PHONE JACKS ALL WATERPROOF, 1 DUAL POT. ETC. SIZE 5 1/2x5 1/2x3 WT: 3LBS. #CMX23366A NEW 75¢

K-14 GUNSIGHT LENSES IN FRAME EACH LENSE 2" DIAMETER, APPROX 3 POWER. WT: 1 LB. \$1.00

RIGHT ANGLE DRIVE WITH SPIN KNOB AND 1 1/2" DIAL INDICATOR. 1 1/2x5/16 SPLINE SHAFT. 2 1/2x1 1/2x1 1/2; #9922 \$1

VERNIER DIAL 2 1/2" 100 TO 0 SCALE. TAKES 1/2" SHAFT. PRICE: \$1.50

10-14/APN-1 RADIO ALTITUDE METER, 3" SCALE 0-6 MA MOVEMENT. CAN BE USED AS A BASIC METER MOVEMENT AND CHANGE SCALE AS DESIRED. PRICE: USED \$1.50

BC-347 AIRCRAFT INTERPHONE AMPLIFIER

Used in small planes for speaking. Has two ounce transformers Carbon microphone input & standard headset output. Requires 12 or 24 volt & 250VDC. Uses 6P6G tube. Size 3x2x5 WT 3lbs. With tube \$1.95 Less tube \$1.25

CONTROL JUNCTION BOX No 3 WITH CHROME PUSHBUTTON & BUZZER THAT WILL OPERATE FROM 6-12 VDC ALSO OTHER PARTS. SIZE: 4 1/2x5x2 1/2; 2LBS. #PC-75523 79¢ 2 FOR \$1.50

PPI RADAR SYNCHRONIZER OFFSET CHASSIS ASSY WITH TUBES 2/6AT6 1/6101, 1/6096 1/6101, CERAMIC SOCKETS, 5 TEST PIN JAC PRECISION RES. COND, TRANS, SIZE 7 1/2x5x3 4 LBS. STK. NO.1013 \$1.50

FREE FIRING BOX CONTAINS 2 RELAY 6 V. 2PST NORM. OPEN, 3 CAPACITORS 2 MFD. 600 VDC, 3MFD. 120 V. 400 cyc. 2x5 400 vdc, w/ SCHEMATIC AND SHOCK MOUNTING. CHASSIS SIZE 8x5x2 1/2 WITH COVER 8x5x6; WT: 10 LBS. \$1.95

VERNIER DIAL 6" 2 SCALES WITH LOCK. USED ON TAJ TRANSMITTER MO TUNING. 5 LBS. \$3.50

VIBRATORS

VB-16/6, 12 OR 24 VOLT FOR PE-237 \$3.95

TYPES LISTED BELOW \$1.95 EACH

VB-1/6VOLT FOR PE-117 PE-97 & PE-237

SAME AS VB-7

VS-3/6VOLT FOR PE-104

SAME AS MALL-5500

G534/12 VOLT FOR PE-110

VB-8/2 VOLT FOR PE-157

VB-9/6 VOLT FOR PE-157

VB-11/24 VOLT FOR PE-12

VB-12/6 VOLT FOR PE-120

VB-13/12 VOLT FOR PE-12

BB-51 BATTERY 6 VOLT 2.75 HOURS THRU 30OHMS LEAD CELLS SIZE 1 1/2x3 1/2x7/8. 5 oz. DRY CHARGE PRICE: 3 FOR \$1.00

BB-52 BATTERY SAME AS BB-51 EXCEPT 36V. EA. 3A. HR. THRU 1200 OHM. PRICE 3 FOR \$3.95

MINIMUM ORDER \$3.00

POWER SUPPLIES

RECEIVER POWER SUPPLY & SPEAKER FOR THE FOLLOWING SETS
 R-23/ARC-5 BC-453 BC-342
 R-24/ARC-5 BC-454 BC-344
 R-25/ARC-5 BC-455 BC-348
 R-26/ARC-5 BC-946 BC-429
 R-27/ARC-5 RAX

COMPLETE WITH 6" DYNAMIC SPEAKER HOUSED IN A METAL CABINET WITH CONNECTING CABLE, PLUG, PHONE JACK, VOLUME CONTROL, BFO SWITCH ETC. IF REQUIRED, CAN ALSO BE USED FOR OTHER SETS. OUTPUT 200/250 VDC @ 90/60 MA. P. 24 VAC @ 2A. INPUT 115 VOLT 60 CYCLE. SPECIFY FOR WHAT SET. SIZE: 10x10x6; WT: 15 LBS. NO. P.S.(SET NUMB.) PRICE; KIT OF PARTS \$18.00 WIRED \$21.00

BC-652 RECEIVER POWER SUPPLY WITH SPEAKER SAME AS ABOVE; KIT \$20.00; WIRED \$23.95



BC-603/BC-683 RECEIVER P.S. DESIGNED TO BE PLUG IN-TO THE SAME PLACE AS THE DYNAMOTOR WITH NO CONVERSION TO THE SET THAT WILL EFFECT THE OPERATION FROM THE DYNAMOTOR. ONLY WORK REQUIRED IS ADD ON/OFF SWITCH IN PLACE OF SPARE FUSE HOLDER. TRANSFORMER TYPE USING 5Y3GT TUB

OUTPUT 220 VDC, 80 MA. & 24 VDC 2 A. WT: 5LBS. NO. P.S.603/683 KIT \$11.00 WIRED \$16.00



PE-110D POWER SUPPLY FOR BC-669 TRANSMITTER-RECEIVER. INPUT 115 VOLT 60 CYC. OUTPUT 520 VDC @ 420 MA. A 12 VDC VIBRATOR TYPE POWER PACK WITH AN OUT PUT OF 275 VDC @ 64 MA THAT PLUGS INTO THE CHASSIS SERVES AS A RECEIVER STANDBY. INCLD. FOUR 5Z3 TUBES, RESET CIRCUIT BREAKERS, A.C. OUTLETS, AND POWER OUTPUT PLUGS. SIZE: 20x9x12; WT: 100 LBS. UNUSED \$30.00

R-77/ARC-3 RECEIVER POWER SUPPLY

OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUT-PUT OF 210 VOLTS DC @ 125 MA. & 24 VOLTS AC @ 2 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5Y3GT TUBE, CHASSIS, LINE CORD ETC.#PS-R77/ARC-3 SIZE:5x6x9; WT: 14 LBS. (LAYOUT SAME AS923) PRICE \$22.95

POWER SUPPLY No.7630019.

OPERATES FROM 115 VOLT 60 CYCLE DUAL HIGH VOLTAGE OUTPUT 400 DC 200 MA & 400 DC 200 MA. ALSO 6.3 VAC 2.75 A. & 6.3 VAC 5.5 A WITH 2/5R4GY TUBES. SIZE: 10x7x15; WT: PRICE:\$19.95

CABLE WITH 18 CONTACT PLUG TO FIT P.S \$2.00



POWER SUPPLY No.7630020VR VOLTAGE REGULATED, OPERATES FROM 115 VOLT 60 CYCLE. OUTPUT 200-250 DC. @ 150-250 MA. ALSO 6.3 VAC 2.75A & 6.3 VAC 5.5 TUBES 2/6AS7G, 1/VR-105, 1/6AK7 & 1/5R4G. WT: 30 LBS. SIZE:11x10x6 \$18.95

CABLE WITH 18 CONTACT PLUG TO FIT POWER SUPPLY PLUG, 4 FOOT \$2.00

POWER SUPPLY 763003 (MODIFIED)

OUTPUT 375 VDC @ 225 MA & 6.3 VAC @ 2.75 A, 6.3 VAC @ 5.5 A. INPUT 115 VOLT 60 CYCLE. WITH 2/5R4GY TUBES. SIZE: 9 x 13 x 7; WT: 35 LBS. PRICE: \$14.95

CONNECTOR 18 CONTACT \$2.00

PP-662/GPN POWER SUPPLY, VOLTAGE REGULATED, 300 VDC 10 TO 90 MA. PLUS POTENTIAL 210 VDC MINUS.

WITH TUBES 4/5651, 2/6AH6, 1/12AT7, 2/6AS7, 1/5Y3 & 1/5R4. OUTPUT PIN JACKS WITH ADJUST METERING SWITCH, FUSED OUT-PUT & INDICATOR LIGHTS. SIZE: 10x8x20; WT: 35 LBS. NO. COVER OR PLUG IN RELAY. POWER REQUIRED 115 VOLT 60 CYC PRICE: USED \$14.95



DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE CORD, PILOT LIGHT, LINE FUSE ETC. INDICATED RATINGS ARE FOR LOAD CONDITIONS.

DUAL OUTPUT 12/14 OR 24/28 VDC @ 6 AMPS. SIZE 7x6x13; WT: 17 STK#PS-12/24VDC6A
 KIT OF PARTS...\$20.00
 WIRED COMPLETE.... 24.95



OUTPUT 12/14 VOLTS DC @ 6 AMPS. SIZE:5x9x5; WT: 20 LBS. STK#PS-12VDC6A
 KIT OF PARTS...\$14.00
 WIRED COMPLETE.... 18.95



OUTPUT 24/28 VOLTS DC @ 4 AMPS. SIZE: 5x9x5; WT: 12 LBS. STK#PS-24VDC4A
 COMPLETE WIRED..\$17.95
 KIT OF PARTS.... 13.00

OUTPUT 12/14 VOLTS DC @ 4 AMPS. SIZE:5x9x5; WT: STK#PS-12VDC4A
 COMPLETE WIRED..\$14.95
 KIT OF PARTS.... 10.00

OUTPUT 24/28 VOLTS DC @ 1 1/2 A. SIZE:7x6x5; WT: 6 LBS. #PS-24VDC1.5A WIRED..\$10.95
 KIT OF PARTS \$8.00



OUTPUT 12/14 VOLTS DC @ 2 AMP. SIZE:7x6x5; WT: 7 LBS. #PS-12VDC2A WIRED...\$9.95
 KIT OF PARTS..... 7.00

MOBILE SUPPLY

AVA-126 VIBRATOR POWER SUPPLY; OUTPUT 300 VDC 100 MA. OPERATES FROM 6, 12 OR 24 VOLTS D.C WHEN THE PROPER VIBRATOR IS USED, OCTAL BASE. SUPPLIED WITH 6 VOLT VIBRATOR (USED WITH AVT-112 AIRCRAFT TRANS) ILLUSTR. COVER REMOVED. UNUSED SIZE:7x7x7; WT: 12LBS. \$4.95



RA-42 POWER SUPPLY RACK MOUNTING 19", 115/230 V 60 CYC OPERATION, OUTPUT 200-250 VDC 100 MA HOUSED IN CABINET 7x8x6 WT. 30 LBS. USED \$12.00



RA-87 RECTIFIER; FOR USE WITH TELETYPE EQUIPMENT. CONVERTS 95 TO 125 VOLT OR 190 TO 250 VOLTS 50-60 CYC TO 115 VDC 400 MA AND 115 VAC 4.35 A. WHEN USED WITH RE-NEW \$12.95
 SIZE:14x7x8; 45 LBS.. USED \$8.95

RA-74D POWER SUPPLY FOR RECEIVERS BC-779, 794, 1004, R-270 & R-129U.

INPUT 95/105/117/130/190/210/234/260 VAC 25-60 CYC. OUTPUT 380 VDC @ 50 MA, 250 VDC @ 100 MA, 100 VDC 4.5 MA -50 VDC 11 MA & 6.3 VAC 7 AMP. WITH TUBES 1/5Y3GT & 1/5U4G. RACK PANEL MTG. SIZE:19x10x10; WT: 100 LBS PRICE: RE-NEW\$24.95



VOLTAGE REGULATED POWER SUPPLIES

LAMBDA VOLTAGE REGULATED POWER SUPPLIES 105-125V. 60 CYC, RACK MOUNTINGS.

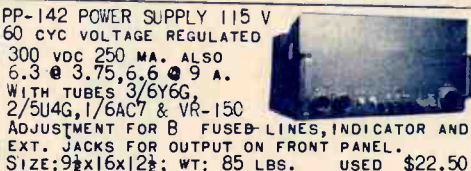
28M 200-325 VDC @ 100MA 6.3 VAC 3A. WITH METERS (PICTURED) \$18.95
 C-28 200-325 VDC @ 100 MA 6.3VAC 3A. \$15.95
 C-281M 125-325 VDC @ 200 MA AND 6.3 VAC @ 10 A. WITH METERS \$27.95
 C-480M 0-200 VDC 400MA. AND 6.3 VAC @ 15 A. WITH METERS \$39.95
 C-1580M 0-200 VDC 1.5 A. AND 6.3 VAC @ 15 AMPS WITH METERS \$49.95
 SORENSON 560 BB 150/500/600 VDC @ 500 MA. 6.3 VAC @ 10 A. WITH 4"x4 1/2" METERS CABINET TYPE \$44.95

RECTIFIER 12 VDC

RECTIFIER POWER UNIT 12 VDC 20 AMP CONTINUOUS DUTY OUTPUT, INPUT 115/440 VOLT 60 CYCLE, 3 1/2" METERE 0-15 D.C VOLTS, 0-30 DC AMPS. COARSE & FINE CONTROLS, SELINUM RECTIFIERS BRACKETS FOR WALL MTG. SIZE:12x17x11; WT: 70 LBS. NEW NAVY#6130-542-6140;MOD. #S20-GS12VN \$45.00



SCM-603601 VOLTAGE REGULATED 24 VOLT D.C 3 AMP. POWER SUPPLY FOR RACK PANEL MOUNTING. LINE REG. 1%, LOAD 5%. THREE CAPACITORS 37,500 MFD 35 VDC, SILICON RECT. SIZE:19x6x7; WT: 20 LBS. NEW \$19.95



PP-142 POWER SUPPLY 115 V 60 CYC VOLTAGE REGULATED 300 VDC 250 MA. ALSO 6.3 @ 3.75, 6.6 @ 9 A. WITH TUBES 3/6Y6G, 2/5U4G, 1/6AK7 & VR-150 ADJUSTMENT FOR B FUSEB-LINES, INDICATOR AND EXT. JACKS FOR OUTPUT ON FRONT PANEL. SIZE:9x16x12; WT: 85 LBS. USED \$22.50

PP-629/URR POWER SUPPLY INPUT: 115/230 VAC 60 CYC OUTPUT: 24 VDC PULSATING (NO FILTERS) 17 AMPERES. ON-OFF SWITCH WITH INDICATOR LIGHT. BHPG. WT: 120 LBS. PRICE: RE-NEW \$29.95

RA-62 POWER SUPPLY.FOR SCR-522 RECEIVER-TRANSMITTER. INPUT VOLTAGE 115/230 VOLT 60 CYCLE OUTPUT 300 VDC 230 MA. -150 VDC 8 MA & 13 VDC 3.9 AMP. WITH TUBES 2/5U4 & 1/6X5. SIZE:16x11x11; WT: 75 LBS. PRICE: USED\$39.50

AC LINE PLUG ONLY \$1.50 OUTPUT PLUG \$1.50

PP-691/G POWER SUPPLY USED WITH THE TCC-13 MULTIPLEXER SYSTEM, OUTPUT 250 VDC @ 1.5 A AND 115 VAC @ 5 A. TRANSFORMER HAS 34 VCT WINDING THAT IS NOT USED, METER 2 1/2" 0-150 VOLTS AC, CIRCUIT BREAKERS AND FUSED CIRCUIT RACK PANEL MTD. 19x12x19; WT: 125 LBS. PRICE: USED SERVICEABLE EXCELLENT \$19.50

RBM CCT-20086 RECTIFIER POWER SUPPLY. INPUT 115 V. 60 CYC OUTPUT 12 V. 60 CYC 2.9 AMP. AN & 205 V.D.C. 76 MA. 5U4G RECT. SIZE:8x9x13; WT: 20LB. PRICE: USED \$12.95
 P-2003 CONNECTOR PLUG...\$1.50

SCOPE POWER SUPPLY 110 VOLT 380-420 CYCLE INPUT, OUTPUT APPROX. 1800 VOLTS 1.5 MA. WITH TRANSFORMER 2/ CONDENSER .1 4000 VDC, 1/122 TUBE, TERMINAL STRIP RESISTORS ETC. SIZE: 6x7x5; WT: 5 LBS. GE Assy#7608055 \$2.95

AC TO DC POWER SUPPLY; 115 VOLT 50-60 CYCLE INPUT, OUTPUT 115 TO 230 VDC IN VARIOUS STEPS AS CAN BE ADJUSTED BY THE TAP SWITCH ON THE PRIMARY AND SECONDARY IN SIX STEPS, APPRDX. 400 TO 500 MA. D.C. #KS-5825-LO1 SIZE: 19x3x10; WT: 45 LBS. PRICE: USED \$9.95

CMD-20ACH-1 POWER SUPPLY; INPUT 115/230 VOLT 60 CYCLE OUTPUT 350 VDC @ 200 MA AND REGULATED 150 VDC 30 MA. TWO WINDINGS 6.3 V & 5 VOLT. WITH TUBES 2/5R4GY, 1/6X5GT, 1/VR-105 AND 3/6SN7. SIZE:15x12x10; WT: 40 LBS. UNUSED \$19.95

RELAY

RELAY 24 vdc SPDT
1 1/2 x 1 1/2 x 1
#CWS 571981 \$3.35

TELEPHONE TYPE

RELAY 4PST NORMALLY OFF 12
VDC GR204-BC-966A 1 1/2 x 1 1/2 x 3 1/2
3380-557180-7435 \$1.00

6PST 50 VDC 1/2 A. COIL 250
OHMS 50 VDC 39 MA. OPERAT.
4 1/2 x 1 1/2 x 1 1/2; 4C8400-26 \$1.00

1PDT & 3PST 50 vdc 2 A.
OPER. 46 VDC 38 MA 1200OHM
4x2 1/2 x 1 1/2; 4C7737-62 \$1.00

RELAY 200 VDC 135 MA, ONE
COIL 1100 OHM, OTHER 1200
OHM, CONTACTS 2PDT, 6PST-NO
1PST-NC#5945-259-4275 \$1.00

RELAY 150 VDC 150 MA, 1000
OHM COIL, CONTACTS 6PDT &
4PST-NO POTTER & BRUMFIELD
82-92-1005 BS-2202 \$1.00

RELAY CONT ARRANGEMENT 2E/E
1C. 115 VAC 60 CYC FAST ACT
BREAK 7. MAKE 4. 4x2 1/2 x 1 1/2
#27593-41 \$1.50

SEALED RELAYS 24 VDC 3 A.
CONT. VARIOUS MFG. ROUND,
OBLONG OR SQUARE, WIRE OR
PLUG-IN. SORRY NO CHOICE.

1PST # C-400 USED .35
1PDT #5703-34 " .40
2PDT #5709-7H " .45
3PDT #56467 " .50
4PDT #54428 " .55
6PST #56469 " .60

POTTER & BRUMFIELD 12 PIN
PLUG-IN PLASTIC COVERED
24 VDC, CONT. 2PDT, 1PST
N.O AND 1PST N.C. 1 1/2 x 2 1/2 x 2 1/2
#82-70-5133/24 \$1.75

12 VDC RELAY, DPST, NORM-
ALLY OPEN, 67 OHMS, 2x3 1/2 x
1 1/2; # SW-182 USED 50¢

RELAY 6v D 1 1/2 x 1 1/2 x 1
41F 500S-SIL \$.50

PLATE RELAY 10,000 OHMS.
CONTACTS 115 VAC @ 5 AMPS
1 1/2 x 1 1/2 x 1 1/2 #R3P-3189 \$1.50

CONTACTOR; ALLEN
BRADLEY, COIL 26
VDC, CONTACTS
115 VAC 22 AMPS.
3 POLE, WESTERN
ELECTRIC #GA51038-
SIZE: 5 1/2 x 3 x 3; 3LB. \$4.95

INTERVAL TIMER ASSEMBLY
RELAY TIME DELAY
5 MIN. RESET
DELAY 100 SEC.
MOTOR VOLTAGE
120V 400 CPS
CLUTCH VOLTAGE 28 VDC.
ALLIED CONTROL UNIT; 115V
400 CPS, CONT. 2A-29VDC
AND 24V 4PDT RELAY. 5LBS.
#SS 19180 \$2.95

WESTON SENSITROL
RELAYS
MODELS 723 AND
705; 3 1/2" ROUND.
USED \$4.95 EACH
SPECIFY:

RANGE	MODEL
80% TO 120% VOLTS DC	723
90% TO 110% VDC	723
95% TO 105% VDC	723
110% TO 100% VOLTS AC	705
100% TO 90% VAC	705
.9 TO 1.1 MILLIAMPS	723

SILICON

RECTIFIER

POWER TESTED AT
1 MA MAX. LEAKAGE

1 AMP (TOP HAT)	
50-200 PIV \$.10
200-400 "	.15
400-600 "	.25
600-800 "	.35
800- "	.45
1000 "	.55

5 AMP (STUD)	
200-400 PIV	.50
400-600 "	.60
700 "	1.00
800 "	1.20
1000 "	1.75

IN1347 6 AMP. 500
PVI (GOLD) 1.50

35 AMP (STUD)	
50 V	.75
100 V	1.00
200 V	1.60
300 V	2.00
400 V	2.25
500 V	2.50
600 V	3.00
900 V	4.00

STRATOPACK FOUR
SECTION RELAY
SECT.#1 4PDT
" 2 4PDT
" 3 4PDT
" 4 6PDT
24 VOLT D.C
3 1/2 x 4 1/2 x 7; 5 1/2 LB \$1.95

RHEOSTAT

OTHER VALUES
IN STOCK
WRITE FOR
YOUR NEEDS

STK#	WATTS	OHMS	PRICE
29992	25	25	\$.50
270-5	25	3500	.50

ABOVE SCREWDRIVER ADJ.			
750KK	25	75	.50
13990	25	100	.50
20IKK	25	200	.50
25250	25	250	.50
92700 (DUAL)	25	250	1.00
24609	25	5	.50

41132	50	7.5	.75
5049	50	8.0	.75
0309	50	1.0	.75
50-12	50	12	.75

ABOVE SCREWDRIVER ADJ.			
2954	50	15	.75
15822	50	17	.75
5895 (DUAL)	50	20	1.50
850-30DUAL	50	30	1.50
666-1731	50	34	.75

32229	50	60	.75
0066 w/sw	50	100	1.00
8852-L20	50	600	.75

201FK150	100	15	1.50
237	150	15	2.95
510KK	150	5	2.95
W1525	150	25	2.95
W1501	150	1	2.95
5683	150	750	2.95

6938	150	3	2.95
351KK	150	350	2.95
63301	300	125	3.95
1261	300	2	3.95

PLEASE GIVE SECOND CHOICE.

CRYSTALS

100 KC CRYSTAL FOR
APN-9 LORAN SET.
CR-15/U HOLDER OR
EQUIVALENT, 3 PRONG
1/2 x 1
PRICE: \$4.95

VARIOUS CRYSTALS IN STOCK
FOR TCS REC OR TRANS. SPEC
IFY FREQ. \$1.50 EACH.

1000 KC CRYSTAL FOR BC-221
\$6.95

465 Kc CRYSTAL, RESONATOR
TYPE FILTER AS USED IN BC-
794, BC-1004 ETC. \$1.50

200 Kc CRYSTAL IN OCTAL
TYPE TUBE HOLDER \$3.50

CRYSTALS: FT-241-243 21-39
Mc. F/BC-604-684-620-659
NO CHOICE FREQ. 5 FOR \$1.00

IN-21A CRYSTAL DIODE
\$.25 EACH 5 FOR \$1.00

CRYSTAL OVEN 110 V.
60-1000 CYC. FOR
HC-6/U, CR-26/U ETC
CRYSTALS, WELL FILT
ERED, OCTAL BASE
MOUNTING WITH 254.
72 CRYSTAL.
1 1/2 x 4 x 1 1/2; WT 1 OZ.
#HUG 945550-1 \$1.95

BK-27
TELETYPE
RELAYS IN
METAL BX
CONTAININ
2 QUICK
ACTING
RELAYS, 115 VDC, 2150 OHMS
1/SPDT & 1/SPST, ADJUSTABL
FROM OUTSIDE BX. PLUG-IN
SIZE: 6x3 1/2 x 3 1/2; 4LBS.\$1.50

CIRCUIT BREAKER

115 VOLT 60 CYC
3H900-1.5.1 1 1/2 " \$1.50
3H900-1.25 1 1/2 " 1.00
62349M6 3 POLE 1 1/2 " 2.50
3H900-3-2 3 " 1.00

HEINEMANN CAT#AM2511M6
CON. AMPS. 3.75, VOLTS 230
AC, CURVE 3 HP. RIGHT AND
LEFT RESET, KNDB FOR DUAL
USE. RE-MOVE EQUIP. \$1 EA.

24-30 VOLTS
3H913-5 5 AMPS \$.50
8751K4 10 " .50
AN1513F35* 35 " .75
AN 3160-50L* 50 " .75

* LUMINOUS TIP
AIRCRAFT TYPE CIRCUIT BREAKER
5 AMP AN 3161-P5 \$.50
10 " AN 3161-P10 .75
15 " AN 3161-P15 .75

METAL STAND
w/RUBBER FEET
BASE 8x11 1/2 x 13
LEGS 13x13x16
2 1/2" HIGH.
ORIGINALLY USED
AS RECORD HOLDER STAND, CAN
BE USED AS BOOK, FLOWER, TV,
RADIO OR WHATEVER YOU CAN
USE IT FOR. WT: 4LB. 75¢

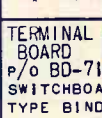
SWIVEL BASE AS
USED ON THE BOTTOM
OF TV SETS, 5"
SQUARE, HAS 1/2 TURI
STOP THAT CAN BE
REMOVED FOR 360 DEG. ROTAT
ION. 2LBS. 75¢



CURRENT TRANSFORMER FOR USE WITH
AC AMMETER, MOLDED TOROIDAL CONST
200/115 V 400 CPS
CURRENT RATING
500; 0.65 AMPS. 2 1/2 x 2 1/2 x 1 1/2 IN.
4 OZ. # 7499 \$.75
SIMILAR TO ABOVE OPEN
TOROIDAL. RATING 250; 2
AMPS 400 CPS. WEST. TYPE
AVT-15A 3x3x1, 8 OZ. \$.75



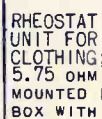
GENERAL ELECTRIC
HEAVY DUTY
MULTI-SWITCH
FOUR CONTACT 3
POSITION & OFF.
POS. 1 & 2, 2 & 3, AND 3&1
SIZE: 5x4x2 1/2; WT: 3 LBS.
GE#16SBI6F1X4/SB-1 \$4.95



TERMINAL BOARD
P/O BD-71
SWITCHBOARD. 15 BRASS SCREW
TYPE BINDING POSTS ON INBUL
ATING BOARD 3 1/2 x 1 1/2 x 3 LBS.
\$1.50



ACCELEROMETER
WITH DARSONVAL MOV
EMENT WITH FLAG NEE
DLE THAT CONTROLS
THE AMOUNT OF LIGHT
THAT APPEARS IN THE
SLOTTED OPENING IN
ACCORDANCE WITH THE VOLTAGE
APPLIED TO THE METER MOVEM-
ENT. SIZE: 2 1/2 x 3 1/2 x 1 1/2; WT: 1 LB
MK-3 ACCELEROMETER \$1.50



RHEOSTAT CONTROL
UNIT FOR HEATED
CLOTHING; 100 WATT
5.75 OHM RHEOSTAT
MOUNTED IN CONTROL
BOX WITH INDICATOR
KNOB ALSO ON/OFF SWITCH &
DUAL LOCKING TYPE SOCKETS
FOR INPUT AND CONTROLLED
OUTPUT VOLTAGES.
SIZE: 5x4x2; WT: 3 LBS.
TYPE Q-1C UNUSED \$2.95



SODECO RESET COUNTER
4 FIGURE 0-9999 COIL
24 VDC 69 MA. 10 IMP
PULSES PER-SEC. ELECT
RIC RESET. MOUNTING
1-3/8 x 2-3/8 PLATE,
4 1/2" D. SHPG. WT: 1 LB
TYPE TCE-F4E
PRICE: USED EX \$8.95



WOBBULATOR
MAKE A SWEEP SIGNAL
GENERATOR WITH THIS
VOICE-COIL DRIVEN
CAPACITOR. THIS UNIT
CONSISTS OF 10.5 OZ. ALNICO
MAGNET DRIVING A THIN ALUM
INUM PLATE CLOSER TO OR AW
AY FROM THE STATIONARY CAP
ACITOR PLATES WITH LEADS
5 TO 100 MMFD CAN BE OBTAIN
SIZE 3x3x2; 1 1/2 LBS. #Y-101
AVAILABLE ONLY WITH CRACKED
CERAMIC (NO EFFECT) \$2.95



SIGNAL
LAMP
Signal Lamp 13 VOLT 6.6 A
PISTOL GRIP, 9 FT. CORD,
WITH RED, ORANGE, PURPLE &
GREEN SNAP ON LENSES.
GRIMES K-2 SHPG. 5LB \$4.95



SWIVEL BASE AS
USED ON THE BOTTOM
OF TV SETS, 5"
SQUARE, HAS 1/2 TURI
STOP THAT CAN BE
REMOVED FOR 360 DEG. ROTAT
ION. 2LBS. 75¢

MANUALS

ABBREVIATIONS: H.M.I. HAND-
BOOK OF MAINTENANCE INSTRUC
TIONS/O.I. OPERATING INSTRU
CTIONS/N.S. NO SCHEMATICS/
I.B. INSTRUCTION BOOK/W.S.
WITH SCHEMATICS.

ARC-27/ARC-55 O.I./N.S. \$3.00
ARC-44 I.B./W.S. \$10.00
ARC-60 I.B./W.S. 8.50
ARN-12 I.B./W.S. 5.00
ARN-30 O.I./N.S. 3.00
ARN-59 O.I./N.S. 3.00
FRC-27/TRC-34 I.B./WS 8.50
W/R-394/T-416/PP-846
PP-804 AND C-845

FRR-36 I.B./W.S. 8.50
W/R-394/PP-846
GRC-3-8 I.B./W.S. 8.50
GRC-9 I.B./W.S. 8:50
GRC-19 I.B./W.S. 8.50
GRC-26 I.B./W.S. 8.50
GRR-5 I.B./W.S. 7.50
PRC-6 I.B./W.S. 7.50
PRC-8-9-10 I.B./W.S. 7.50
VRC-19 I.B./W.S. 8.50

RT-67-68-69 I.B./W.S. \$5.00
RT-70 I.B./W.S. 5.00
R-108-109-110 " 7.50
R-388 I.B./W.S. 10.00
R-390 I.B./W.S. 10.00
R-392 I.B./W.S. 10.00
R-394 I.B./W.S. 7.50
R-140 I.B./W.S. 7.50
R-257 I.B./W.S. 7.50
T-278 I.B./W.S. 7.50
T-368 I.B./W.S. 8.50
T-208-417 I.B./W.S. 8.50
DY-93-98-100 " 3.00

ARC TYPE 12 RADIO SET 8.50
COVERS R-10-11-15-19
T-11-13 & ACCESSORIES
SIMILAR R-508-509-R-22
AND OTHERS. H.M.I./W.S.

CV-431/R-508 ARC-60 8.50
R-13B/B-10A ARN-30 8.50

ANTENNA
CHANGE-OVER
RELAY 6 V.D.C.
SWITCHES BCN TO
SUB-MINIATURE
COAX. SPDT. 2 1/2 x 1 1/2 x 1; 4 OZ.
#3380-511125-1125 \$2.95

ARC-12 ANTENNA
CHANGEOVER RELAY
BNC CONNECTORS FOR
EQUIP. UG-23-UG-21
F/ANT. REGULAR & AUX
ANT. CONN. 24 VDC RE-
LAY. w/BNC CABLES.
\$2.75

ANTENNA CHARGE-
OVER S.P.D.T FOR
COAXIAL CABLE
28 VDC ROTARY
ACTUATOR WAF-
ER, LOW-LOSS
HIGH-POWER.
GENERAL COMM
#2LN180RC-1
NEW \$3.95

SIZE: 4 1/2 x 3 x 2 1/2; WT: 1LB.
TYPE "LN" CONN. CUT-OFFS 50¢
AN CONN. 7 CONTACT \$1.00

F47
R120
440
60379
HYDROPHONE UNIT
MAGNETOSTRICTI-
ON TYPE 20 KC
RESONANT FREQ.
THIS A STANDARD
SECTION OF A
COMPLETE ABBY.
AS USED IN AN/
SQS-10 SONAR.
SIZE: 3 1/2 x 5 x 1 1/2;
WT: 3LBS. #875446/Y901 \$5.95

FIRE DETECTOR PHOTOELECTRIC
RESISTANCE TYPE 1.5 MEG. MAX
DECREASES WITH INTENSITY OF
LIGHT. #6340-651-6213 SIZE
1 1/2 x 3
\$2.95



ART-13 TRANSMITTER

100 WATT AIRCRAFT AUTOTUNE TRANSMITTER

MAKES A VERY SATISFACTORY AMATEUR UNIT FOR 80, 40, 20 AND 10 METERS. THE AUTOTUNE FEATURE PERMITS YOU TO PRESET THE FREQUENCY DESIRED ON ANY 10 PRESELECTED CHANNELS. (FOR CONVERSION INSTRUCTIONS SEE MANUALS #2 & #3 \$3.00 EA. TUBE LINEUP: 1/837, 1/813, 2/1625, 1/125J7, 2/6V6, 2/811, 2/12SL7, 1/12SA7. VOLTAGE REQUIRED 28VDC 10AMP, 400VDC, 225MA & 1250VDC 250MA. SIZE: 23x16x11 1/2 WT. 70LBS

PRICE: USED \$49.50
CONNECTOR PLUGS FOR TRANS. U/7 & U/8 \$2.50 EA.
DYNAMOTOR FOR ART-13 WITH FILTERS & RELAYS 28VDC INPUT. PRICE: USED \$12.95

NEW
CONNECTOR PLUGS FOR DYNAMOTOR U-9 OR U-10 EACH \$2.50
CU-24/ART-13 ANTENNA SHUNT CAPACITOR CONSISTS OF 3 CAPACITORS 25MWF 10KV
PRICE USED \$1.00



O-17/ART-13 LOW FREQUENCY OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 TUBE. ALL OPERATING VOLTAGES ARE OBTAINED FROM THE TRANS. POWER SUPPLY. SIZE 5 1/2 x 5 1/2 x 9; WT 4LBS. USED \$5.95 UNUSED \$7.95



SA-22/ART-13 ANTENNA SWITCHING UNIT CONTAINS A BENDIX VACUUM RELAY LM-26G, 24VDC, 2 POSITION CERAMIC SWITCH & 4 LARGE INSULATORS SAME AS USED ON TRANSMITTER, ALSO SO-239 COAX. CONNECTOR. SIZE: 11x7x7 WT 10LBS
PRICE: NEW \$4.95

CU-25/ART-13 TRANSMITTER ANTENNA TUNER FOR 200 TO 600 KC, CONSISTS OF A VARIACOUPLER, 13 POSITION SWITCH WIRED TO A FIXED TAPPED COIL, ALSO .0008 5000 VOLT MICA CAPACITOR INSULATED COUPLINGS ETC. SIZE: 10x9 1/2 x 9 1/2; WT: 13 LBS. UNUSED \$4.95



ART-13 AUDIO SPEECH AMPLIFIER CONTAINS TWO 6V6GT & ONE 12SJ7 TUBES, CAN BE USED FOR CARBON OR DYNAMIC MIC. SIZE: 7x4x3 1/2; WT: 4LBS, USED STK#2C254 PRICE \$5.95

AM-447 AUDIO AMPLIFIER

AM-447 AUDIO FREQUENCY AMPLIFIER, VOLUME LIMITING TYPE, INSURES UNIFORM OUTPUT UNDER CONDITIONS WHERE THE RECEIVED SIGNAL LEVEL MAY VARY IN AMPLITUDE, ELIMINATING THE NEED FOR CONSTANTLY READJUSTING THE OUTPUT LEVEL. IT IS INTENDED TO BE USED RECEIVING EQUIPMENT, LINE AMPLIFIER OR

AMPLIFY THE OUTPUT OF A MICROPHONE FOR MODULATING TRANSMITTING EQUIPMENT. INPUT IMPEDANCE 600 OHMS, OUTPUT IMPEDANCE 200 AND 600 OHMS, AUDIO INPUT: -10 DBM TO -10 DBM, FREQ. RESPONSE FLAT WITHIN 2 DB FROM 300 TO 3500 CPS., GAIN: 34.8 DBM MAX. AUDIO OUTPUT 3 WATT HAS INPUT, OUTPUT AND PHONE JACKS ALSO VOLUME CONTROLS. WITH TUBES

POWER REQUIRED 115 VOLT 50/60 CYCLE.
SIZE: 7x12x14; (NO COVER WITH UNIT) WT: 23 LBS
PRICES: USED SERVICEABLE \$8.95 TWO FOR \$15.00

HYDROPHONE

HYDROPHONE TRANSDUCER MICROPHONE
ROCHELLE SALT TYPE USED TO PICK-UP UNDERWATER SOUNDS IN THE FREQUENCY RANGE OF 1 TO 20,000 CYCLES. AVERAGE IMPEDANCE 25 OHMS UP TO 400 FT. WITH TRANSFORMER HOUSED IN RUBBER WATERPROOF JACKET FILLED WITH OIL & 9 FT. RUBBER CONNECTING CABLE. SIZE: 5 1/2 x 3 1/2; WT: 2 LBS. (NOT MAILABLE)
SONAR #NT-51038F PRICE: NEW \$19.95

TUNED CAVITY

FR-72 TUNED CAVITY PORTABLE RINGING CAVITY USED FOR TESTING THE OVERALL PERFORMANCE OF RADAR EQUIPMENT SUCH AS POWER OUTPUT & FREQUENCY SPECTRUM. THE ECHO BOX CONTAINS A PRECISE-DIMENSIONED, SILVER PLATED RESONANT CAVITY THAT OPERATES AS A SHARPLY TUNED CIRCUIT IN WHICH INDUCTANCE AND CAPACITANCE ARE TUNED TO RESONANCE AT THE FREQ. BEING MEASURED. FREQ. RANGE 8500 TO 9000 MEGACYCLES. A 3 1/2" O-20 MICROAMP. METER IS USED TO INDICATE PART OF THE STORED ENERGY. POWER IS OBTAINED FROM THE UNIT UNDER TEST. SUPPLIED WITH 1N-238 CRYSTAL DIODE, UG-44E/U ADAPTER AND 8 FT. COAXIAL CABLE. SIZE: 16x26x14; WT: 45 LBS. UNUSED \$19.95

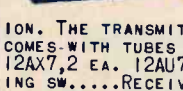


TS-62 ECHO BOX & CAVITY PORTABLE SELF-CONTAINED MANUALLY TUNED TEST SET USED FOR CHECKING RADAR EQUIPMENT IN THE 9320-9420 MC. RANGE. IT WILL DETERMINE THE FREQ. OF CW, MCW OR PULSED SIGNALS, MEASURE RELATIVE OUTPUT ON A 0-20 3/4 MICRAMP METER, DETECT DOUBLE MODING OF MAGNETRONS AND GIVES SIGNAL TO NOISE RATIO OF REC. ANTENNA PICK-UP ASSY WITH CABLE IS PROVIDED. SIZE: 6 1/2 x 18 1/2 x 11 1/2; WT: 15 LBS. PRICE: USED \$9.95



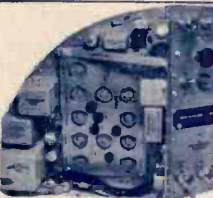
RADIO TELEPHONE LINK

AN/TRC-47 RADIO SET IS PRIMARILY USED AS PART OF A 3 MILE SINGLE CHANNEL RADIO LINK IN A TWO WIRE TELEPHONE SYSTEM. A CONVERTER IS USED TO CONNECT THE TWO SYSTEMS. THE UNIT IS SINGLE CHANNEL AM CRYSTAL CONTROL FOR USE IN THE 132 TO 150 MC BAND AND REQUIRES 115 OR 230 VOL 50 TO 400 CYCLE FOR OPERATION. THE TRANSMITTER OUTPUT IS 7 WATTS AND COMES WITH TUBES 1 EA. 2E26, 5763, 5R4, 6AK6, 0A2 12AX7, 2 EA. 12AU7 & 6L6, TUNING METER & METER ING SW....RECEIVER HAS SPEAKER AND TUBES 1 EA. 12AT7, 6AQ5, 12AX7, 6AX5, 2 EA. 6BA6, 6J6, 0B2 & 4/6AK5...THE CONVERTER IS A COMBINED RINGING SIGNAL CONVERTER AND ELECTRONIC HYBRID NETWORK. IT CONVERTS A 20 CYCLE SIGNAL TO A 800 CYCLE AND 800 CYCLE FROM THE REC TO 20 CYCLE SO THE SIGNALS CAN BE TRANSMITTED AND ADAPTES TO TWO AND FOUR WIRE TEL. SYSTEMS. WITH TUBES 3 EA. 12AT7, 1 EA. 6AS6, 6AK6, 0B2, 2/0A2 & 3/6X4.



CABINET SIZE 21 1/2 x 14 1/2 x 22 1/2; SHPG. WT: 100 LBS. PRICES: USED SERVICEABLE \$59.50

R.F. OSCILLATOR, PART OF GKA-1 EQUIPMENT. CONTAIN SEVERAL TYPES OF BAND PASS FILTERS, VARIABLE CAPACITOR, TUBE SOCKETS PIN JACKS, RESISTORS 1/2 PILOT LIGHTS, SWITCH, POTS 2/UG-88 COAX. CONNECTORS ETC. Osc. FREQ APPROX. 24 KC. SIZE: 12x12x4 1/2; 13 LBS. RE-MOVED \$1.95



VISUAL FLASH LAMP

USED BY AIRCRAFT OR GROUND UNITS FOR IDENTIFICATION PURPOSES. GIVES A EXTREMELY BRIGHT FLASH OF LIGHT THAT CAN BE SEEN BY AIR IN BRIGHT SUN 3 MILES OR 1 MILE ON THE GROUND. AVAILABLE FOR 12 OR 24 VOLT D.C. OPERATION. CONSISTS OF A HIGH VOLTAGE CONVERTER USING A VIBRATOR TYPE POWER SUPPLY WITH 2 CAPACITORS 25 MFD 2000 VDC, INT. DUTY, 2/12X3 TUBES ONE SYLVANIA FLSH LAMP #1073 WITH HOLDER & 20 FT. CABLE, 15 FOOT BATTERY CABLE 2 COND. #10 ETC. FLASH RATE ONE PER 1 1/2 SECONDS. SIZE: 17x10 1/2 x 4 1/2; WT: 50 LBS. W/MANUAL PRICE: UNUSED CHECKED \$29.95
SYLVANIA FLASH LAMP WITH PORTABLE HOLDER & LAMP SOCKET, SWITCH, IGNITION COIL AND 20 FT. 4 COND. CABLE. (COIL NOT GUARANTEED) \$10.00



APR-4 RECEIVER



R-444/APR-4Y RECEIVER AND CV-253/ALR TUNING UNIT FOUR BAND TO COVER THE FREQUENCY OF 38 TO 1000 MC. USED IN AIRCRAFT AS SEARCH EQUIP. TO DETECT ELECTROMAGNETIC RADIATION, THE FREQ. OF SIGNALS, RELATIVE FIELD STRENGTH AND AUDIO OUTPUT. SELECTOR PERMITS CHOICE OF AM NARROW WID OR FM. ALSO IF ATTN. SELECTOR, HET. SW., RANGE SELECTOR, SWEEP CONTROL & TUNING KNOB. METER 2 1/2" FOR TUNING. ORIGINALLY DESIGNED FOR 115 V 400 CYCLE POWER SOURCE UNITS ARE AVAILABLE FOR 115 VOLT 60 CYCLE. ALSO REQUIRED IS 24 VDC FOR PILOT LIGHTS AND SCANNING MOTOR WHEN TUNING UNITS WITH MOTORS ARE USED. REC. USED. SIZE: 8x10 1/2 x 12 1/2; WT: REC. ONLY 33 LBS. TU. 20LBS
PRICE: REC. ONLY \$95.00 WITH CV-253 TU \$250.00
CV-253 CONVERTER 38-1000 MC NEW \$175.00

ANY OF THE TUNING UNITS LISTED BELOW CAN BE USED WITH THE R-444/APR-4Y OR R-54/APR-4 WE WILL SHIP WHICHEVER RECEIVER IS AVAILABLE. R-54/APR-4 RECEIVER SAME AS ABOVE ONLY DIFF. POWER REQ. 115 VOLT 60 TO 2600 CYCLE & 24 VDC SAME PRICE AND TUNING UNITS CAN BE USED.



CONVERTER TUNING UNITS FOR USE WITH 30 MC. I.F. NO POWER SUPPLIES REQUIRE 300 VDC, 6.3 VAC OR 24 VDC WHICHEVER THE CASE MAY BE. SIZE: 9x7x15; 25 LBS. AA

TN-16/APR-4 TUNING UNIT	38- 95 MC	\$25.00
TN-17/ " " " "	NOT AVAILABLE	
TN-18/ " " " "	300-1000 "	45.00
TN-19/ " " " "	975-2200 "	39.95
TN-54/ " " " "	2150-4000 "	75.00
CV-253 " " " "	38-1000 "	125.00

TN-1/APR-1 " " " "	38- 95 "	25.00
TN-3/APR-1 " " " "	300-1000 "	35.00

POWER PLUG TO FIT SETS \$1.50 SHOCKMOUNT 2.50

AM-914/TRC CONVERTER AMPLIFIER, 225 TO 400 MC TUNEABLE OVER THE RANGE WITH DIAL INDICATION, CONSISTS OF 2 STAGES OF CASCADE RF AMPLIFICATION, A MIXER LOCAL OSCILLATOR AND BUFFER AMPLIFIER. OUTPUT FREQ. 30 MC. WITH TUBES 4/6J4 & 1/5670. VOLTAGES REQUIRED 150 VDC AND 6.3 VOLTS. PLUG IN UNIT USED WITH R-417 RECEIVER. SIZE: 7 1/2 x 6 1/2 x 9 1/2; WT: 10 LBS. USED \$34.95



CV-431/AR CONVERTER THIS TRANSVERTER IS A COMBINED TRANSMITTER AND RECEIVER CONVERTER. THE TRANSMITTER PORTION FUNCTIONS AS A INDEPENDENT TRANSMITTER ON A FREQUENCY RANGE OF 228 TO 258 MC; IT DOES NOT REQUIRE THE USE OF ANY



VHF COMPONENT FOR TRANSMISSION. THE CONVERTER SECTION CONVERTS RECEIVED SIGNALS IN THE RANGE OF 228-258 MC TO 118-148 MC AFTER MIXING WITH A 110 MC CRYSTAL OSCILLATOR AND REQUIRES THE USE OF A VHF RECEIVER FOR RECEPTION. HIGH VOLTAGE FOR THE TRANSVERTER IS SUPPLIED BY THE DYNAMOTOR WHICH IS MOUNTED ON THE RECEIVER AND HAS A OUTPUT OF 250 VDC 60 MA. THE TRANSMITTER IS 8 CHANNEL CRYSTAL CONTROLLED, VOICE AM CIRCUIT DESIGNED FOR AIRCRAFT TO GROUND COMMUNICATION AND USES 4/5763, 1/6201 AND 1/5763 TUBES. POWER OUTPUT 0.5 WATT AT AN ALTITUDE OF 5000 FT. WITH A RANGE OF APPROX. 60 AIR MILES. THE CONVERTER SECTION USES 1/6201 TUBE AND MIXES THE INCOMING SIGNAL WITH THE 110 MC. OSC. AND CONVERTED TO 118-148 MC SIGNAL WHICH CAN BE PICKED UP BY ANY RECEIVER IN THE BAND. SIZE: 5 1/2 x 11 1/2 x 4 1/2; WT: 9 LBS. PRICE: USED SERVICEABLE WITH TUBES \$7.95



IP-53/CPS-6 RADAR HEIGHT INDICATOR WITH 12DP7AC.R. TUBE ALSO 6/807, 13/6SN7, 5/6AC7, 1/6AG7, 1/6SJ7, AND 1/VR-150. NO POWER SUPPLY WITH THIS UNIT. SIZE: 20x18x31; WT: 125 LB. PRICE: USED \$22.95

U. H. F. RECEIVER



R-48/TRC-8 RECEIVER
F.M. 230 TO 250 MC.
ONE BAND VARIABLE
TUNING, VOLTAGE RE-
QUIRED 115/230 60 CYC.
WITH SPEAKER, PHONE
JACK, SQUELCH CIRCUIT
2 1/2" METER FOR CIRCUIT
CHECKING. WITH TUBES 8/6AG7, 1/9002, 1/5U4, 1/
6V6, 1/VR-150, 1/6N7, 1/6SN7, 1/6AL7. SIZE: 20x
19x16; WT: 75 LBS. USED \$34.95

FM TRANSMITTER 70-100 MC



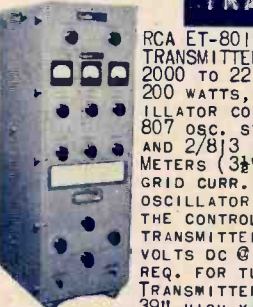
T-14/TRC-1 TRANSMITTER
F.M. 70 TO 100 MC 40 W.
115/230 V 60 CYCLE IN-
PUT. WITH TUBES 1/829,
4/6V6, 1/6SL7, 1/6SN7, 2/
6AC7, 1/816 & 5R4.
PHASE SHIFT MODULATION
-30 KC., 2 1/2" METER FOR
MEASURING THE VOLTAGES
OF THE DIFFERENT STAGES
CRYSTAL CONTROL ON ONE CHANNEL IN THE RANGE.
SIZE: 16 1/2 x 10 x 12; WT: SHPG. 100 LBS.
PRICE: GOVT RE-COND. \$49.50
AM-8/TRA-1 POWER AMPLIFIER SHOWN ON PAGE 1 OF
THIS CATALOG CAN BE USED TO BOOST THE POWER
200 WATTS. PRICE: USED \$18.95 RE-COND \$24.95

POWER AMPLIFIER



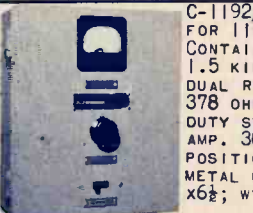
AM-8/TRA-1 POWER AMPLIFIER
FOR 70-100 MC F.M. 200 WATT
WITH A RF INPUT OF 25 WATT
(APPROX.) IMPEDANCE 70 OHM
USES 2/4E27 TUBES IN CLASS
"C" PUSH-PULL TUNED PLATE
CIRCUIT AND 3/0D3 V.R TUBE
THE FILAMENT TRANSFORMER
5 V. CT 15 A. IS SUPPLIED
IN THE UNIT, -100 VDC, 450 VDC @ 40 MA AND
2000 VDC 250 MA ARE ALSO REQUIRED BUT ARE NOT
IN THE UNIT. A 115 V. 60 CYCLE BLOWER IS ALSO
IN THE EQUIP. VAR. CAP. DUAL 5-50 & 7-35 MMF
SIZE: 16x10 1/2 x 12; WT: 55 LBS. IN CHEST 100 LBS
PRICE: LESS 4E27 TUBES, U \$18.50 RE-NEW \$24.50
WITH TWO (2) 4E27 TUBES \$10.00 EXTRA

TRANSMITTER

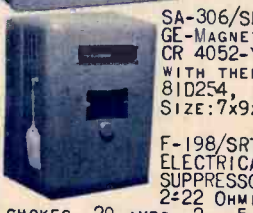


**RCA ET-8019-A RADIOTELEGRAPH
TRANSMITTER SRT-4A AM-CW-MCW**
2000 TO 22,140 KC IN FOUR BANDS,
200 WATTS, CRYSTAL OR MASTER OSC
ILLATOR CONTROL. WITH TUBES 1/
807 OSC. STAGE, 1/807 BUFFER AMP. AND
2/813 IN POWER AMPLIFIER.
METERS (3 1/2") READ FIL. VOLTS,
GRID CURR. PLATE CURR. LARGE 3 1/2"
OSCILLATOR TUNING DIAL, PLUS ALL
THE CONTROLS YOU NEED FOR A GOOD
TRANSMITTER. POWER REQUIRED 1200
VOLTS DC @ 500 MA. PLUS VOLTAGES
REQ. FOR TUBE FILAMENTS.
TRANSMITTER SIZE WITH SHOCK MTG.
39" HIGH X 14 1/2" WIDE X 19 1/2" DEEP.
ACTUAL WEIGHT 135 LBS. SHPG 334 LB
PRICE: RE-NEW ORIG. BOX \$89.50
" " " " MANUAL 8.50

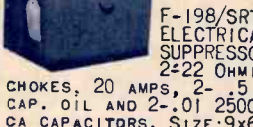
\$89.50



C-1192/SRT-4A CONTROL UNIT
FOR 115 VDC GENERATOR.
CONTAINS 3 INCH SQUARE METER
1.5 KILOVOLT D.C SCALE.
DUAL RHEOSTAT 150 WATT EACH,
378 OHMS AND 585 OHMS, HEAVY
DUTY START-STOP SWITCH, 3/4
AMP. 3000 VOLT FUSE AND 12
POSITION TERMINAL STRIP IN A
METAL BOX HINGED SIZE 10 1/2 x 12 1/2
x 6 1/2; WT: 10 LBS. NEW \$10.00

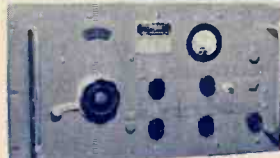


SA-306/SRT-3A STARTER-MOTOR
GE-MAGNETIC CONTROLLER DC 115 V
CR 4052-Y1, CAT#6934846G11
WITH THERMAL HEATER CUTOUT,
81D254, 11.1-11.8 AMPS. NEW
SIZE: 7x9x7; WT: 12 LBS. \$9.95



**F-198/SRT-3A ELECTRICAL NOISE
SUPPRESSOR WITH**
2-22 OHMITE RF
CHOKES, 20 AMPS, 2-5 1000 V
CAP. OIL AND 2-.01 2500 V MI-
CA CAPACITORS. SIZE: 9x6x3 1/2; 5 LBS. NEW \$4.95

VHF RECEIVER



BC-639 RECEIVER AM
100 TO 156 MC CONT-
INUOUS TUNING OVER
THE ENTIRE RANGE.
CONTROLS FOR CW,
TONE, AVC-MANUAL,
R.F. AUDIO GAIN,
ATTENUATION, SENSIT-
IVITY ETC. TUNING
METER, PHONE JACKS ETC. WITH TUBES 1/6SC7, 1/
6K6, 4/6SG7, 1/9002 & 3/9003.
SEPARATE RA-42 POWER SUPPLY THAT SUPPLIES ALL
THE REQUIRED VOLTAGES AND OPERATES FROM 115/
230 VOLT 60 CYC. BOTH UNITS ARE DESIGNED FOR
19" RACK MOUNTING. REC. 10 1/2" HIGH, P.S. 7" H.
SHPG. WT: 75 LBS.
PRICE: USED SERVICEABLE \$60.00 CHECKED \$75.00

U. H. F. RECEIVER



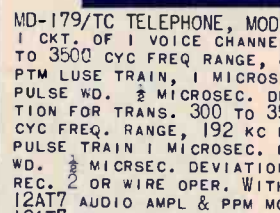
R-278 RECEIVER 225-399.9
MC, AM, CRYSTAL FREQ. CON-
TROL 1750 CHANNELS 0.1 MC
INTERVALS, 10 PRESET CHAN-
NELS, AUDIO FREQ. RESPON-
SE WIDE 200 TO 20,000 CYCLES
NARROW 200 TO 5000 CYCLES
AVC, SQUELCH, AIR COOLED,
POWER REG. 115/230 V. 50-
60 CYCLE. UNITIZED CHASSIS, RACK MTG.
SIZE: 19x12 1/2 x 20; WT: 115 LBS. USED SERVICEABLE
PRICE: R-278 WITH 238 TO 248 GUARD CHANNEL
44 TUBES \$175.00
R-278B NO GUARD CHAN. 30 TUBES \$150.00

CONTROL MONITOR



**C-1151/TC CONTROL
MONITOR WITH SUB-
CYCLE RINGER WITH
TELEPHONE HANDSET.**
USED WITH TCC-13
MULTIPLEXER, AUDIO
FREQ. INPUT 1000 CY
SINE-WAVE, AURAL
MONITORING.
SUB-CYCLE PUTS OUT
16-2/3 AND 20 CYCLE
FOR LINE RINGING. POWER REQ. FOR OPERATION OF
UNIT AND TELEPHONE SYSTEM 115 V. 50/60 CYCLE.
PUSH BUTTON SWITCHES FOR REC-SEND-TEL-MANUAL
OPERATION. TWO OR MORE UNITS CAN BE USED TO-
GETHER FOR SINGLE CIRCUIT TELEPHONE OPERATION
RACK MTG. 19x10 1/2 x 23 1/2; WT: 60 LBS.
PRICE: USED SERVICEABLE EXCELLENT \$35.00

TELEPHONE MODEM



MD-179/TC TELEPHONE, MODEM;
1 CKT. OF 1 VOICE CHANNEL 300
TO 3500 CYC FREQ RANGE, 8 KC
PTM LUSE TRAIN, 1 MICROSEC.
PULSE WD. 1/2 MICROSEC. DEVI-
ATION FOR TRANS. 300 TO 3500
CYC FREQ. RANGE, 192 KC PTM
PULSE TRAIN 1 MICROSEC. PULSE
WD. 1/2 MICROSEC. DEVIATION FOR
REC. 2 OR WIRE OPER. WITH TUBES
12AT7 AUDIO AMPL & PPM MOD.
12AT7 GATE GEN. PWM CONV. 12AT7
CLIPPER AMP. AUDIO AMPL. 12AT7 CLIPPER SHAP-
ER & MIXER, 12AT7 D-C AMPL. & RINGING RELAY
CONTROL. VOLTAGE REQUIRED 250 VDC AND 6.3 V.
WITH 4 POS. TEST SW. ; AUDIO GAIN AND DELAY
PULSE POS. CONT. AND PWM AND PPM TEST JACKS.
ALSO 18 CONTACT CONTACTIAL CHASSIS CONN. AND
MATCHING PLUG. P/O TCC-13 MULTIPLEXER SYSTEM
SIZE: 8 1/2 x 2 1/2 x 16; WT: 10 LB. EX-COND. \$4.95

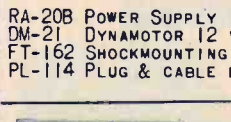
RANGE RADAR INDICATOR



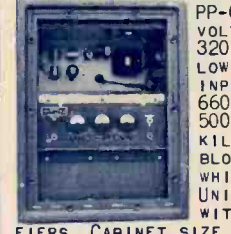
**1D-169/APN-12 INDICATOR
OSCILLOSCOPE;** USED TO
DETERMINE RANGE OF RADAR
NAVIGATIONAL BEACON EQ-
UIPMENT WHEN USED WITH
RADAR REC-TRANS UNITS
FOR WHICH IT WAS DESIGN-
ED. HAS VERTICAL, FOCUS,
SWEEP, INTENSITY CONT-
ROLS ON FRONT PANEL.
MOTORIZED COAXIAL SWITCHING UNIT FOR ANTENNAS
WITH TUBES 1/3BP1, 2/6H6, 2/6SN7, 1/6G6, 1/6X5, 1/
2X2. POWER REQUIRED 115 VOLT 400 CYCLE AND 24
VOLTS DC. (TRANSFORMER OUTPUT VOLTAGE APPROX.
425 VOLTS.) SCHEMATIC ONLY \$1
SIZE: 10x8x22; WT: 30 LBS. GOVT RE-COND \$14.95



THIS IS ONE OF THE BEST
RECEIVERS THE ARMY HAS
USED FOR MANY YEARS. THEY
ARE HIGHLY SLECTIVE AND
SENSITIVE FOR USE IN THE
1,500 TO 18,000 KC RANGE
IN SIX BANDS WITH BFO,
CRYSTAL PHASING, MVC, AVC
FAST AND SLOW TUNING, LARGE ILLUM. DIAL, CW-
OSC. CONT., REC-SEND SW., VOL. CONT., MIC. JK,
SPEAKER & PHONE JK, ALIGN-ANT. CONT., 470 KC
IF., WITH TUBES 2/6C5, 4/6K7, 1 EA. 6F6, 6L7, 6R7
THIS REC. IS SAME AS BC-312 ONLY LATER VERSIO
SIZE: 18x9 1/2 x 9; WT: 60 LBS.
R-336 REC. W/RA-20 115 V 60 CYCLE POWER SUPP.
USED SERVICEABLE \$65.00 USED CHECKED \$84.95
OA-65 REC. W/RA-20 115 V. 60 CYC P.S. 2 CAN BE
USED TO MAKE A DUAL DIVERSITY IN CONJUNCTION
WITH O-59 OSCILLATOR-AMPLIFIER.
USED SERVICEABLE \$75.00 USED CHECKED \$89.95
O-59 OSCILLATOR-AMPLIFIER USED SERVICEABLE \$10



RA-20B POWER SUPPLY 115V60C SERVICEABLE \$20.
DM-21 DYNAMOTOR 12 VDC USED " \$10.
FT-162 SHOCKMOUNTING UNUSED \$2.95
PL-114 PLUG & CABLE F/REMOTE USE \$2.75



PP-638/U POWER SUPPLY; HIGH
VOLTAGE OUTPUT 1100 VDC @
320 MA AND 230 VDC @ 60 MA.
LOW VOLTAGE 6.3 VAC @ 5.2 A.
INPUT 115/230 VOLTS 60 CYCLE
660 WATTS. HAS TEST METER,
500 MA PLATE CURRENT AND 1.5
KILOVOLT METERS ALSO COOLING
BLOWER FOR UPPER COMPARTMENT
WHICH IS 15x9 1/2 x 8 1/2 INCHES.
UNIT WAS DESIGNED TO BE USED
WITH AM-494 AND AM-495 AMPLI-
FIERS. CABINET SIZE 31-5/8 H x 20 1/2 W x 24 1/2 D.
WT: 150 LBS. PRICE: USED \$75.00 RE-NEW \$100

OUTDOOR TELEPHONE

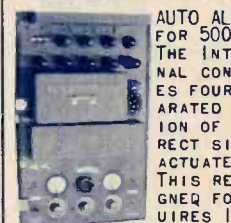


TA-105/FTC TELEPHONE
WALL TYPE SELF CONTAIN-
ED, COMMON BATT.
TYPE THAT CAN BE CON-
VERTED TO DIAL OPER-
ATION BY THE ADDIT-
ION OF A DIAL.
UNIT IS CONTAINED IN
WATERPROOF CAST-IRON
HOUSING AND IS INTEN-
DED FOR USE OUTDOORS
AND IN AREAS OF HEAVY USAGE.
SIZE: 12 1/2 x 9 1/2 x 8 1/2; WT: 35 LBS. \$12.95

CONTROL TRANS. TELETYPE



**C-292/TRA-7 CONTROL
TRANSMITTER AND
TELETYPEWRITER;** WHEN
USED IN RADIOTELETYPE
SYSTEM IT PROVIDES
FACILITIES FOR ESTABL-
ISHING FULL DUPLEX,
ONE-WAY REVERSIBLE,
EMERGENCY CW, OR FREQUENCY-SHIFT TRANSMISSION
OR RECEPTION. IT IS A REPEATER OF POLAR AND
NEUTRAL RTTY SIG. AND CONVERTS POLAR SIG. REC
FROM DUAL DEVERSTY CONVERTER INTO NEUTRAL TO
OPER. A REC. TELETYPEWRITER. IT ALSO TRANSLAT-
ES NEUTRAL SIG. FROM A SENDING UNIT INTO POL-
AR SIG. FOR TRANS. OVER A WIRE LINE TO CONTROL
A FREQ. SHIFT EXCITER. WITH 16 TUBES.
POWER REQUIRED 115 VOLT 60 CYCLE.
SIZE: CHASSIS ONLY RACK MTG. 10 1/2 x 19 x 13. 60 LBS
PRICES: CHASSIS ONLY RACK MTG. USED \$19.95
" " " " WITH CABINET 21 1/2 x 12 1/2 x 17 1/2 (100 LB) \$27.50
" " " " 19 1/2 x 10 1/2 x 13 1/2 (90 LB) \$24.75



AUTO ALARM RECEIVER AR-8600X
FOR 500 KC DISTRESS FREQUENCY.
THE INTERNATIONAL AUTO ALARM SIG
NAL CONSISTS OF A SERIES OF DASH
ES FOUR SECONDS IN LENGTH, SEPA-
RATED BY SPACES HAVING A DUR-
ATION OF ONE SECOND. WHEN THE COR-
RECT SIGNAL IS RECEIVED IT WILL
ACTUATE THE WARNING BELL.
THIS RECEIVER-SELECTOR WAS DESIG-
NEQ FOR SHIPBOARD USE AND RE-
QUIRES 115 VDC 1.5 AMPS. FOR THE
PLATE, SCREEN, FILAMENT VOLTAGE ALSO 6 VDC FOR
THE BELL AND RELAY, MAX. 3 AMP. WITH TUBES
2/6K7, 1/6H6, 1/6A8 & 5/1611. W/ALARM BELL
SIZE: 26x14x11; SHPG. WT: 100 LBS. MANUAL \$7.50
PRICES: SERVICEABLE; USED \$50.00 UNUSED \$75.00

AF/URG-60 RECEIVER
100 TO 156 MC AM
CRYSTAL CONTROL ONE
CHANNEL, AVC, SQUELCH
AND NOISE LIMITER
CIRCUITS, 115 VOLT 25-60
CYCLE WITH TUBES
4/6AK5, 4/6SG7, 2/6H6, 2/6SJ7, 1/6F6 & 1/5Y3GT.
OUTPUT PHONE AND LINE JACKS, RF AND VOLUME CON-
TROLS, PILOT LIGHT, SWITCHES ETC.
RACK PANEL MTG. 19x5 1/2x15 1/2; WT: 50 LBS.
PRICES; USED \$39.50 CHECKED FOR OPERATION \$45

MOTOROLA
T-193 TRANSMITTER 30-40
MC, F.M. 30 WATT, CRYSTAL
CONTROL SINGLE CHANNEL,
6 VOLT DC DYNAMOTOR WITH
TUBES 4/7C7, 2/7A8, 1/6V6
& 1/807.
SIZE: 15x9 1/2x9; WT: 30 LBS.
PRICES: NEW \$14.95 USED \$9.95 NO TUBES \$5.50
MOTOROLA TRANSMITTER 152-172 MC FM USED \$14.95

20 MC - 28 MC
BC-499 RECEIVER F.M 20-28
MC, 5 CHANNEL CRYSTAL CON-
TROL, FD 15 KC, WITH 11
TUBES 3/12SH7, 1/12SJ7, 2/
12H6, 2/12A6, 1/12SL7GT &
2/12K8. WITH 14 VDC DYNA-
MOTOR OUTPUT 260 VDC 60
MA., AUDIO OUTPUT 500 OHM
& SQUELCH CIRCUIT.
SIZE: 12x9 1/2x9 1/2; WT: 23 LBS.
PRICE: RE-NEW \$18.95
CONNECTOR PLUG TO FIT UNIT ... \$1.50

PHILCO
PHILCO TRANSMITTERS PRT150GT 154-172 MC. FM.
30 WATT, 6 VOLT DYNAMOTOR P.S.
CRYSTAL CONTROL SINGLE CHANNEL
TUBES, 2/3A4, 1/9003, 1/68J6, 2/
2E24, 1/6C4 & 1/2E30. USED COND
SIZE: 15 1/2x10 1/2x8; WT: 35 LBS.
PRICE: W/TUBES, L/CRYST. \$14.95
PHILCO RECEIVER PRT72G 70-80 MC. F.M 6 VOLT
VIBRATOR POWER SUPPLY, CRYSTAL CONTROL
SQUELCH CIRCUIT, WITH TUBES 3/6806, 3/6AK5,
2/6AQ6, 1/6C4, 1/7F7 & 1/7A8. USED LESS CRYST.
SIZE: 15 1/2x10 1/2x8; WT: 30 LBS. \$14.95

NAVY WALKIE TALKIE **MARINE BAND**
NAVY WALKIE-TALKIE TRANSMITTER &
RECEIVER. THIS EQUIPMENT IS CRYSTAL
CONTROLLED AND CAN BE OPERATED ON
ANY ONE CHANNEL IN THE FREQUENCY
RANGE OF 2.3 TO 4.5 MC. VOICE (A3)
COMMUNICATION ONLY, OUTPUT OF TRANS
IS 0.2 WATTS AND SATISFACTORY COMMUN-
ICATION BETWEEN UNITS OVER AVERAGE
TERRAIN SHOULD BE ABLE TO BE MAINT-
AINED UP TO APPROX. (1) ONE MILE.
WITH TUBES 1/1R5, 1/1S5, 2/1T4, 3/3S4. VOLTAGES
REQUIRED 67.5 VDC 3 MA; 135 VDC 4 MA; 1.5VDC
225 MA FOR REC. 67.5 VDC 1.5 MA; 135 VDC 19
MA; 1.5VDC 225 MA & -6VDC 30 MA FOR TRANSMIT.
UNIT COMES IN A WATERPROOF PLASTIC CASE WITH
SPACE FOR BATT. OR POWER SUPPLY. TELESCOPING
ANTENNA 6 FT. HAS SPEC. LOADING COIL.
COMPLETE WITH TUBES, ANTENNA, 2 CRYSTALS
FT-243 (NO CHOICE) HEADSET W/CANVAS BAND
CARBON MICROPHONE, CANVAS COVER,
& MANUAL. SIZE 8x8x2 1/2; WT: 8 LBS. \$9.95

NAVY WALKIE-TALKIE DIRECTION FINDING EQUIPMENT MODEL DAV **MARINE BAND**
SAME AS "MAB" DESCRIBED ABOVE
ONLY HAS A DIRECTION FINDING
LOOP CIRCUIT FOR HOMING AND IS
IN A WATERPROOF PLYWOOD CASE
WITH WEB STRAPS FOR CARRING ON
BACK OR FRONT. ALSO COMPLETE
WITH TUBES, HEADSET WITH CANVAS
BAND, LIP MICROPHONE, TELESCOPING,
ANTENNA & 2 CRYSTALS (NO CHOICE)
WITH MANUAL. SIZE: 14x10x3 1/2; 11LB
PRICE: UNUSED \$12.95

VIBRATOR POWER SUPPLY MAB & DAV
DESIGNED FOR USE WITH MAB & DAV
DESCRIBED ABOVE, OPERATES FROM 6 V
DC STORAGE BATTERY NT-6, THAT FITS
ON BOTTOM OF P.S. PACK, 6 V 4AMP.
(CAN BE OPERATED FROM ANY 6 VDC 4 A.
SOURCE) SUPPLIES 1.5 VDC .3 A, -6 VDC
.02 A, 67.5 VDC .005 A, 135 VDC .02A.
ALSO USED WITH NAVY EQUIP. MU, MV
MW. & MX. SIZE: 6 1/2x3 1/2x1 1/2; WT: 2 LBS. NEW \$6.95

N-T-6 PLASTIC STORAGE BATTERY
FOR ABOVE POWER SUPPLY CRF-20221A
SUPPLIES 6 VOLTS DC 4 AMP.
SIZE: 3 1/2x2 1/2x2; WT: 2 LBS. DRY
CHARGE BATTERY. \$3.95

TRANSMITTER RECEIVER
RT-53/TRC-7 TRANSMITTER-RECEIVER
100 TO 156 MC AM VOICE, 1.5 WATT
CRYSTAL CONTROL ON TWO PRESELEC-
TED CHANNELS, 1 1/2" METER FOR CHECK-
ING OPERATION, MIC, PHONE AND
MONITOR JACKS ALSO VOL CONTROL
ON FRONT PANEL. WITH 16 TUBES
3/1AB5, 3/1L4, 1/1S5, 1/1L4A3, 5/3A5,
1/3Q4, 2/3A4. VOLTAGES REQUIRED
90 VDC, 4 1/2 VDC AND 60 VDC.
SIZE: 11 1/2x5 1/2x13 1/2; WT: 15 LBS. USED \$24.95

LINK RECEIVER 30-50 MC FM
TYPE 11-UF-ED-6. CRYSTAL
CONTROL SINGLE CHANNEL,
DUAL CONVERSION, SQUELCH
CIRCUIT WITH TUBES 5/7AG7
2/7A6, 1/7C7, 1/7F7, 1/7B5 &
1/7F7. VOLTAGES REQUIRED
FOR FILAMENTS 6 VOLTS,
HIGH VOLTAGE 250 VDC 60MA.
SIZE: 7 1/2x13x9; WT: 22 LBS. PRICE: USED \$27.50
POWER & CONTROL PLUG \$1.00 ANTENNA PLUG \$1.00

115V 60 CYC & 6 VDC
LINK TYPE 5-FRX TRANSMITTER
RECEIVER; F.M. 30-40 MC
115 VOLT 50-60 CYCLE OR
6 VOLT DC. SINGLE CHAN-
NEL CRYSTAL CONTROL. SET
IS HOUSED IN METAL BOX
WITH SPEAKER, HANDSET, PILOT
LIGHT CONNECTOR AND SWITCH
FOR 6 OR 115 V. OPERATION.
TRANSMITTER OUTPUT IS 3 WATT USING TUBES 1/
7F7, 1/7W7, 2/7C5, CRYSTAL FREQ. IS MULTIPLIED
32 TIMES FOR OPERATING FREQ.
RECEIVER SENSITIVITY 1/2 MICROVOLT OR BETTER.
WITH TUBES 2/6AC7, 2/6K8, 1/6V6, 1/6SH7, 1/6SJ7,
2/6H6, 1/6SL7 & 1/6K6. FREQ. DEVIATION - 15KC
CASE SIZE 21x9x15; WT: SHPG. 80 LBS.
RECEIVER CAN BE OPERATED WITHOUT TRANSMITTER
PRICE: USED AS DESCRIBED \$29.50

LINK RECEIVER 1905 152-172
MC F.M. DOUBLE CONVERSION,
SINGLE CHANNEL CRYSTAL CON-
TROL, SQUELCH CIRCUIT, WITH
TUBES 2/7A6, 1/7F7, 7/7AG7,
1/7B5, 2/6AK5. LESS CRYSTALS
SIZE: 8x10x12 1/2; WT: 30 LBS.
PRICE: WITH 6 VOLT POWER SUPPLY \$34.95
" " " " " " " " \$39.50
LINK TRANSMITTER 1906 152-172 MC FM LESS TUBEE
DYNAMOTOR, RELAYS CRYSTALS, USED 6.95

R-114/VRC-4 RECEIVER AM CRYSTAL
CONTROL ON FOUR CHANNELS IN THE
1.7 TO 8.7 MC BAND, ONE TUNEABLE
BAND OF 190 TO 510 KC. IF FREQ.
525 KC. FOR PHONE AND CW USE.
WITH TUBES 4/6SK7, 1/6K8, 2/6SQ7 & 1/6K6. VOLTAGE
REQUIRED 6 V. FOR FIL. AND 220 VDC 80 MA.
SIZE: 15 1/2x11x14 1/2; WT: 80 LBS. RE-NEW \$29.95

CONTROL RECEIVER
R-127-RADIO CONTROL CON-
VERTING RECEIVER 162-174 MC
F.M. 2 CHANNEL OUTPUT, BATT-
ERY OPERATION, REQUIRED VOL-
TAGES 67 1/2, 45, 30, 1 1/2, 7 1/2 & 10 1/2
WITH TUBES 2/959, 2/1T4, 2/3S
4, 1/1S5 & 1/958. 1 F. 8.25 MC
CHASSIS AS PHOTO. W/ SCHEMATIC
SIZE: 12x8x8; WT: 12 LBS. RE-NEW \$9.95
CONNECTOR PLUG TO FIT UNIT..... 1.50

RECEIVER
R-74/CRW-2 RECEIVER A.M.
SUPERREGENERATIVE TYPE FOR
REMOTE CONTROL USE IN THE
53-88 MC BAND. WHEN THE RF
TRANSMITTING CARRIER IS MOD-
ULATED BY 475 OR 3000 CYCLE
TONE, IT ACTUATES THE RELAY
IN THE RECEIVER WHICH CAN
BE USED TO CONTROL EQUIP.
SINGLE PRESELECTED FREQ. MUST BE USED.
WITH TUBES 1/6SG7, 1/6J5, 3/6SL7 AND 1/6SN7. AND
DYNAMOTOR 24 VDC INPUT, OUTPUT 250 VDC 60 MA.
SIZE: 6x8x10; WT: 15 LBS. PRICE: USED \$6.95

NAVY TCS TRANSMITTER
AM, 1.5 TO 12 MC IN 3
BANDS, 40 WATTS CW, 20
WATTS PHONE, VARIABLE
MASTER OSCILLATOR AND
4 CRYSTAL CONTROL PRE
SET CHANNELS OVER THE
ENTIRE FREQ. RANGE.
WITH 3/12A6 TUBES IN
THE OSC. AND BUFFER-
DOUBLER, 4/1625'S MOD-
ULATOR AND POWER AMPLI-
FIER STAGES. ILLUMIN-
ATED DIAL WITH VERNI-
ER AND SPIN TUNING, 2 1/2
INCH METERS FOR READ-
ING VOLTAGES & R.F.
ALL TUNING AND OPER-
ATING CONTROLS ARE ON
THE FRONT PANEL. VOLT-
AGES REQUIRED 12 VDC
& 400-440 VDC 200 MA.
SIZE: 11 1/2x11 1/2x13 1/2; 41LB
USED \$34.50
USED CHECKED
FOR OPERATION \$44.50



NAVY TCS RECEIVER
AM, 1.5 TO 12 MC IN 3
BANDS, CRYSTAL CONTROL
ON FOUR PRESET CHANNEL
OR VARIABLE FREQUENCY
OVER THE ENTIRE RANGE.
AUDIO OUTPUT 1.5 WATTS
INTO A 500 OHM LOAD.
WITH TUBES 12SK7 RF AM-
PLIFIER, 12SA7 CONVER-
TER, 2/12SK7 IF AMPLIFIR
12SC7 DETECTOR/BFO,
12A6 OSC. & 12A6 AUDIO
AMP. IF FREQ. 456.
ILLUMINATED DIAL WITH
VERNIER & SPIN TUNING.
AUDIO GAIN, AVC & BFO
CONTROLS. VOLTAGES REQ-
UIRED 12 VDC @ APPROX.
220 VDC @ 100 MA.
CW PITCH AND OSCILLATOR
SELECTOR CONTROLS.
SIZE 11 1/2x11 1/2x13 1/2; 37LB.
USED \$44.95
USED CHECKED FOR
OPERATION 54.95

TCS POWER SUPPLIES
115 V 60 CYCLE (NOT SURPLUS)
COMBINATION UNIT FOR RECEIV-
ER, TRANSMITTER & CONTROL Bx
7x8x13; 50 LBS. WIRED \$50.00
TRANSMITTER ONLY; 5 1/2x6 1/2x9 1/2; 15 LB. " 35.00
RECEIVER ONLY WITH SPEAKER
10x10x6; 15 LB. " 20.00

TCS CABLES RECEIVER TO POWER SUPPLY \$2.75
" " TRANSMITTER TO " " 2.75
PLUGS FOR CONTROL BOX & " " (2) 3.00

TCS ANTENNA LOADING COIL #47205; USED TO MAT-
CH THE OUTPUT OF THE REC/TRANS. TO A WHIP
ANTENNA TO OBTAIN THE MAXIMUM PERFORMANCE.
OR BY USE OF THE 6 POSITION TAP SWITCH IT
CAN BE USED TO MATCH VARIOUS LENGTHS OF
STRAIGHT WIRE ANTENNA SYSTEMS.
SIZE: 6x9 1/2x6 1/2; WT: 7 LBS. PRICE: USED \$6.95

TCS PARTS
MOST PARTS AVAILABLE, ADVISE US OF YOUR NEEDS.

TCS REMOTE CONTROL UNIT TYPE
23270 FOR REC. TRANS. AND
AMPLIFIER WITH HEAVY DUTY 5"
PM SPEAKER, MIC & PHONE JACKS,
VOL. CONTROL & SWITCHES.
3 1/2x5 1/2x7 1/2; 7 LBS. RE-NEW \$9.95
RUBBER SHOCK MOUNTS ONLY EACH \$1.50
MOUNTING BASE ONLY \$1.50 WITH 4 MOUNTS \$2.95
NOISE LIMITER CONVERSION KIT W/6H6 TUBE 2.00

TCS DUAL DYNAMOTOR POWER SUPPLY
INPUT 12 VDC 14.5 AMP.
OUTPUT 440 VDC 200 MA.
FOR TRANS. 225 VDC 100
MA. FOR REC., FILTERED
INPUT & OUTPUT WITH
START RELAY & CONNECTORS FOR CONNECTING REC.
TRANS. & CONTROL BOX. RE-NEW
SIZE: 12 1/2x7 1/2; WT: 35 LBS. PRICE: \$14.95
D-401 DYNAMOTOR ONLY FOR TRANS. INPUT 12 VDC
9.9 AMP, OUTPUT 440 VDC 200 MA. RE-NEW \$6.95
D-402 DYNAMOTOR ONLY FOR REC. INPUT 12 VDC
3.8 AMP. OUTPUT 220 VDC 100 MA. RE-NEW \$4.95

STEPPING SWITCHES

WESTERN UNION AUTOMATIC NUMBERS CONSISTS OF 3 ROWS OF LIGHTS NUMBERED 0-9, 3 STEPPING SWITCHES 6 DECK 11 POSITION, ONE 10 DECK 24 POSITION STEPPING SWITCH, ONE RELAY 4PDT & 4PST, OPERATES 40-48 VDC, MOUNTED ON CHASSIS 4 1/2 x 7 1/2 x 1 3/8; WT: 12 LBS. #9701.1A
PRICE: USED \$19.95

STOCK#	POS.	DECK	VDC	PRICE:
7709181P2	25	10	24	\$9.95
7709181P6	25	9	24	8.95
7709181P1	26	9	24	9.50
H7256	26	5	12	5.95
PW5011	26	5	12	5.95
A326427	12	10	24	5.95
PW104121	26	4	18	5.95
A315174	21	2	12	3.95
A215701	27	6	24	5.95
B215238	27	10	24	9.95
917722	24	8	30	5.95

BC-223 TRANSMITTER

\$19.95



BC-223 TRANSMITTER 25 WATT 2000 TO 5200kc BY USE OF 3 PLUG IN TUNING UNITS, CRYSTAL CONTROL AND VARIABLE OSCILLATOR, FOUR PRESELECTED CHANNELS, USES

FT-171 CRYSTAL HOLDERS WITH TUBES 1/801 OSCILLATOR, 1/801 POWER AMPLIFIER, 2/46 MODULATORS, 1/46 AUDIO AMPLIFIER, 2 1/2 METERS, 0-3 R.F. & 0-300 VDC MA. VOLTAGE REQUIRED 12 OR 24 VDC & 500 VDC @ 150-200 MA.
SIZE: 18x13x7; WT: WITH 3 TUNING UNITS 100 LBS
PRICE: *TUBES AND 3 TUNING UNITS WITH CASES FOR 2 TUNING UNITS.. NEW \$19.95

TU-17 TUNING UNIT 2000-3000 Kc. \$3.95
TU-18 " " 3000-4500 " 2.95
TU-25 " " 4500-5200 " 2.95
CS-56 CASE FOR HOUSING TUNING UNIT 1.00
FT-173 SHOCKMOUNTING 1.95
POWER PLUG CONNECTOR F/TRANS OR POWER 1.25
PE-135/PE-55 DYNAMOTOR 12/24 VOLT, USED 10.95
AC POWER SUPPLY
KIT OF PARTS \$25.00 WIRED \$29.95

COMCO MODEL 278 TRANSMITTER-RECEIVER

275 MC. RECEIVER-TRANSMITTER FOR 6/12/24 VOLT OPERATION. POWER OUTPUT 2-3 WATTS. UNIT IS CRYSTAL CONTROLLED (CRYSTALS NOT INCLUDED). COMPLETE WITH TUBES: 2E26, 5686, 5/68H6, 12AX7, 2/6AQ5, 6AT6, 3/6EJ6, 6BE6, 2/6AK5, 6AK6. UNIT COMPLETE WITH TUBES, CABLES, SPEAKER, AND CONTROL BOX.
SIZE: 12x11x5 1/2. WT: 35 LBS.
USED \$39.95



DIVERSITY RECEIVER

DIVERSITY RECEIVING EQUIPMENT PROVIDES A MEANS FOR COMBINING THE OUTPUT OF THREE RECEIVERS TO PRODUCE A SINGLE KEYED AUDIO OUTPUT SIGNAL, FREE FROM NOISE AND OTHER UNDESIRABLE INTERFERENCE. IT IS SUITABLE FOR USE ONLY IN CW & MCW SIGNALS AND NOT VOICE. THE BAND PASS FILTER IS FOR 600 TO 1200 CYC. AND THE OUTPUT OF EACH RECEIVER IS INDICATED ON THE METERS WHICH ARE 500 MICROAMP. THE AUDIO FREQ. CONTROL CAN BE ADJUSTED FOR THE PROPER BAND PASS. INPUT AND OUTPUT IMPEDANCE IS 600 OHMS. EQUIPMENT OPERATES FROM 115/230 VOLT 50/60 CYC. AND CAN BE RACK MOUNTED.
W/TUBES 1/VR-150, 1/6F8, 3/6A6, 2/6SJ7, 1/77, 1/1V, 1/80. SIZE: 21x19x14; WT: 125 LBS.
PRICE: NEW WITH MANUAL \$19.95

STANDARD ELECTRIC TIMER TYPE S-1 ONE (1) REV. PER SEC. MOTOR 115 VOLT 400 CYCLE, CLUTCH 24 VDC, RESET 24 VDC.
SIZE 5 1/2 x 5 1/2 x 4 1/2; WT: 8 LBS.
STOCK NUMBER 6645-803-21C7
PRICE: UNUSED \$24.95

STANDARD 19" PANEL MOUNTING WITH SHELVES AND DRAWER, THAT CAN BE REMOVED. (SHOWN TO THE RIGHT) 22"wx80"hx25"hd; WT: 150 LBS. WEST.#7701 USED GOOD COND. \$45.00



TABLE TOP EQUIPMENT CABINETS; HINGED COVER TOPS FOR STANDARD PANELS; ROUNDED CORNERS; ALUMINUM. USED GOOD CONDITION.
PANEL SIZE: 19x10 1/2 F/SP-600 WT: 30 LBS. PRICE: \$10.00
PANEL SIZE: 21x12 1/2; WT: 40 LBS. PRICE: \$12.00

OTHER TYPES AVAILABLE: TELL US WHAT YOU NEED

BC-1333 MARKER BEACON RECEIVER 75MC. USED TO RECEIVE SIGNALS FROM ABOVE TRANSMITTER. WHEN SIGNAL IS RECEIVED IT OPERATES A RELAY IN THE RECEIVER WHICH IN TURN CAN BE USED TO OPERATE SIGNALS, LIGHTS, MOTORS, TURN ON EQUIPMENT ETC. VOLTAGE REQUIRED 24VDC. COMPLETE WITH TUBES 1/12SN7, 1/6SH7, 1/6SL7
SIZE: 3x5 1/2 x 5 1/2. WT. 3 LBS. PRICE: USED \$2.95

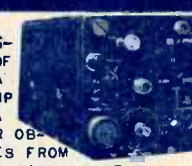
AIRSPEED INDICATOR

1D-168B/APA-44 AIRSPEED INDICATOR. CONTAINS A KOLLSMAN TRUE AIRSPEED METER AND AN INDICATING DEVICE WITH A RANGE OF 84 TO 434 KNOTS. BY OPERATION OF THE TEST SWITCH THE AIRSPEED SERVO MAY BE MADE TO RUN IN DIRECTION OF INCREASING AIRSPEED, IN DIRECTION OF TRUE AIRSPEED, OR TO HOLD THE PRESENT SETTING FLEXIBLE TUBE CONNECTED TO A TEMPERATURE COMPENSATING THERMOMETER. JOHN OSTER MOTOR # AV 240 28 VDC. TUBES 1/6AK5W. WESTERN ELECTRIC RELAY D171584. SIZE 15x7 1/2 x 5. WT. 19 LBS.
USED \$5.95 RE-NEW \$8.95



RT-122/APW-11 REC.-TRANS.

RT-122/APW-11 RECEIVER TRANSMITTER, THIS UNIT CONSISTS OF A TUNABLE RECEIVER CAVITY, A CRYSTAL DETECTOR, A VIDEO AMPLIFIER, DECODING CIRCUITS, A TRANSMITTER AND CIRCUITS FOR OBTAINING AUDIO FREQUENCY TONES FROM THE PULSE POSITION MODULATED SIGNALS OF THE AN/MSQ-1. THE TRANSMITTER CONTAINS CIRCUITS FOR ENCODING THE REPLY BY VARYING THE SPACING BETWEEN THE TWO REPLY PULSES. THE RECEIVER-TRANSMITTER RECEIVES INPUT PULSES TRANSMITTED AT A PULSE REPETITION FREQUENCY OF 410 CYCLES PER SECOND AND A PRESET CARRIER FREQUENCY RANGING BETWEEN 2680 AND 2920 MC. THE REPLY PULSES ARE AUTOMATICALLY TRANSMITTED AT A PRESET CARRIER FREQUENCY RANGING BETWEEN 2700 AND 2950 MC. TUBES: 1/12AT7; 2/2021; 6AS6; 6AL5 2C40. SIZE: 13x5 1/2 x 6. WT. 19 LBS.
PRICE: USED WITH TUBES... \$14.95
USED LESS TUBES... 5.95



C-400/APW-11 SELECTOR UNIT FOR RT-122 REC-TRANS. CONTAINS 6 RELAYS 24 VDC SPST NORM OPEN 15 9 PIN SOCKETS, 1 OCTAL, 6 FILTERS, 1 DPDT SW. RESISTORS CONDENSERS ETC. 5x6x12; 8 LBS
PRICE: USED LESS TUBES \$2.95



SERVO AMPLIFIER

SERVO AMPLIFIER #358661 IN SEALED BLACK BOX CONTAINING SIX (6) TUBES 2/6AL5, 2/6AQ5, 1/6096, 6101, RELAY DPDT, OUTPUT TRANS. COND. RESISTORS ETC.
SIZE: 5x3x4; WT: 4 LBS. USED \$1.95



AMPLIFIER

WEBSTER ELECTRIC AMPLIFIER SERVO TYPE: OPERATES FROM 115 VOLT 60 CYCLE, WITH TUBE 3/6SN7, 1/6H6, 1/6SN7 & 1/5T4, POWER SUPPLY OUTPUT 250 VDC 80 MA (UNFILTERED) 5 VAC @ 3 A 6.3 VAC @ 3 A., 6.3 VAC @ 4 AMP. ALSO INTER-STAGE TRANSFORMERS, RESISTORS, CONDENSERS, CONTROLS ETC. CHASSIS SIZE 14x6x1 1/2; WT: 19 LB
PRICE: USED \$4.95



EQUIPMENT CABINETS

FGC-5 DELUXE CABINET (PICTURED WITH COMPONENTS) FOR 19" PANEL MOUNTING; 8 DRAWERS 7" HIGH WITH FULL GLIDE SUSPENSION AND TIP OVER FEATURE FOR EASY SERVICING; BOTTOM DRAWER 11-1/8" HIGH, STANDARD MOUNTING. GLIDES CAN BE REMOVED FOR STANDARD MOUNTING. FULL DOOR IN BACK WITH DUAL BLOWER. SIZE: 73x27x24 1/2; SHPG. WT: 300 LBS. \$45.00



EQUIPMENT CABINET WITH REAR DOOR AND HINGED TOP COVER; SIZE: 22 1/2 x 37 x 15; WT: 80 LBS. WEST.#2237 PRICE: USED \$20.00

FGC-29 EQUIPMENT CABINET WITH REAR DOOR AND 115 VOLT 60 CYCLE BLOWER; SQUARE CORNERS SO THEY CAN BE GANGED. SIZE: 22 1/2 x 75 x 24 WT: 175 LBS. USED \$40.00



CY-1334/G ACCESSORY CASE THE OUTER FRAME IS FOR RACK MOUNTING AND THE DRAWER SLIDES INTO THE FRAME AND HAS FULL GLIDE SUSPENSION ALSO BRACKET WITH 7 & 9 PIN TUBE PULLERS AND PIN STRAIGHTENERI
WT: 18 LBS. (ALUMINUM) EX-COND. \$8.95

TRANSIT CASES: USED, GOOD CONDITION; MEASUREMENTS ARE FOR INSIDE. TS-1470/UP CASE; OVERALL 17 1/2 x 11 1/2 x 11; BOTTOM 7 1/2" DEEP. HASP FASTNERS; ALUMINUM; WT. 15 LBS. \$5.00



PP-351/U CASE; 14x10x11; HINGED COVER WITH HASP FASTNERS; ALUMINUM; WT: 12 LBS. PRICE: \$5.00



AN/USM-25A CASE; TWO COMPARTMENTS ONE 11x19x13, WITH 1" RUBBER GUIDES ON ALL FOUR SIDES; THE OTHER 4x19x13, WITH 1/2" RUBBER GUIDES. HASP FASTNERS; PLYWOOD; WT: 29 LBS. PRICE: \$5.00

FIBERGLASS J-22-51 CASE; UPPER HALF 20x8x19; LOWER 20x4x19. HASP FASTNERS; FIBERGLASS. WT: 26 LBS. PRICE: \$5.00



ROTARY INDUCTANCE TUNER COIL 2.5 TO 20 MC. 26 TURNS FLAT COPPER 1/2 x 1/16 (APPROX. #18) ABOUT 2 1/2 MIC-HY (LOOKS LIKE IT SHOULD TAKE 1000 WATTS) WITH SPIN KNOB AND COUNTER DIAL. SIZE: COIL 6x5x8 1/2, DIAL PLATE 6x3 1/2; WT: 9 LBS
Russo#2407-1M PRICE: RE-MOVED F/EQUIP. \$14.95



ROTARY INDUCTANCE TUNER COIL 2.5 TO 20 MC. 29 TURNS WIRE NO. 14. COIL FORM 2-3/16x4-3/8 APPROX. 19 MU-HY, 100 WATTS, 1/2" SHAFT WITH COUPLING. SIZE: 3x4 1/2 x 7; WT: 4 LBS.
Russo#2407-1C PRICE: RE-MOVED F/EQUIP. \$9.95



ROTARY INDUCTOR & DIAL 32.7 UH, 43 TURNS 1 1/2" DIA x 2 1/2 LG. COIL, OVERALL LENGTH 2 1/2 x 2 1/2 x 7, P/O TCS TRANSMITTER. (SHOULD BE GOOD UP TO 100 WATTS) WT: 2 LB. #TCS-L108 REMOVED \$9.95



VARIABLE CAPACITOR TO MATCH ABOVE ROTARY COIL; 425 MMFD, 3 1/2 x 1 1/2 x 1 1/2 WITH SHAFT. TCS-C116 REMOVED FROM UNITS \$2.95



ROTARY INDUCTOR COIL FROM COMMAND TYPE TRANSMITTER, COMPLETE UNIT LESS TUBES, CRYSTAL WITH DIAL, CAPACITORS, 2 VARIABLES ETC. SHPG. WT: 10 LBS BC-457-458 OR EQUIVALENT. USED \$4.95

COMPUTER SYSTEM



AMPLIFIER, ELECTRONIC CONTROL TYPE D-1; CHOPPER SAMPLING TYPE WITH TOROIDAL TRANSFORMERS WITH FEED-BACK LOOPS, 6 VOLT 400 CYCLE CHOPPER, 1/5814 & 1/5751 TUBES, SELENIUM RECTIFIER SUPPLY, RESISTORS, CONDENSERS ETC. W/SCHEMATIC VOLTAGES REQ. 255VDC, -35VDC, 6.3VAC, 115/400CY SIZE: 4x6x9; WT: 12 LB. PRICE: USED \$4.95

COMPUTER-POWER SUPPLY LA-15 CONTAINS 115 V 400 CYCLE P.S. OUTPUT -35VDC & 210 VDC, 3 DECK 25 POS. WAFER SW. 1 POLE 25 POS. WAFER SW. 3 " 12 POS. WAFER SW. 33



PRECISION RESISTORS WIRED TO THE SWITCHES ALSO COND. RECTIFIERS, CONTROL ETC. W/SCHEMATIC SIZE: 6x4x4; WT: 3 LBS. USED \$3.95



AMPLIFIER, ELECTRONIC CONTROL TYPE E-1; TORRID COIL TRANSFORMERS, K2701 CHOPPER ERROR SAMPLING & FEED-BACK COMMAND SIGNAL. 1/5751 & 1/5678 TUBE, TRANS. ETC.

VOLTAGE REQ. 255 VDC, -22V, 6.3 VAC & 115V400C SIZE: 4x6x1 1/2; WT: 2LB. W/SCHEMATIC U \$1.95

MOUNTING BASE FOR AMPLIFIER ASSY. LA-18; USED WITH CAMERA CONTROL SYSTEM LA-17, HCLDS COMPUTER P.S LA-15, CONTROL AMP. E-1 & D-1 DESCRIBED ABOVE CONTAINS 4 RELAYS 4PDT, SWITCHES FILTER, RESISTORS ETC. ALSO MATTING PLUGS FOR ABOVE UNITS. SIZE: 13 1/2x5x2; WT: 8 LBS.



\$3.50 BASE ONLY, WITH SCHEMATIC CONNECTOR PLUGS TO FIT BASE ONLY, EACH \$2.50 CONNECTOR PLUGS TO FIT UNITS " " 1.00



T-233/URW-3 TRANSMITTER & MODULATOR 65.9 TO 93.8 MC AM WITH 4/815 & 10/12SN7 TUBES. CRYSTAL CONTROL ONE CHANNEL. USED IN AIRCRAFT FOR REMOTE CONTROL OF DRONE RECEIVERS. OUTPUT APPROX 50 WATTS.

VOLTAGE REQ. 400 VDC @ 400 MA. AND 24 VDC. SIZE: 8 1/2x16 1/2x16 1/2; WT: 22 LBS. USED \$19.95



SA-235/APA-57 CONTROL UNIT HAS A SMALL GYRO CONNECTED TO CONTACT ARM THAT MOVES ACROSS A RESISTANCE CONTACTS WHICH WILL GIVE FOUR VOLTAGE READINGS IN RIGHT OR LEFT POSITIONS. ALSO HAS 24 VDC SEALED RELAY 2PDTCLARE SK5235, AMP. THERMAL

RELAY 26C8, 7 POS. & 3 POS. WAFER SWITCHES. SIZE: 10x5x5; WT: 4 LBS. UNUSED \$4.95

WAVEGUIDES



R.F. OSCILLATOR ASSEMBLY P/O R/T-39 APG-5 RADAR SET, 2500 TO 2600 MC. REQUIRE 2C40 & 2C43 & 1B27 TUBES. HAS SPECIAL COAX. FEED LINES FOR UG TYPE CONNECTORS. SILVER PLATED ASSY. NO

TUBES OR TUBE CAPS. SIZE: 9x4x4; 5 LBS. #2C2783 \$1.95

WAVEGUIDE COUPLER ASSY-DUAL DIRECTIONAL. FLANGE SIZE 1-7/8x1-7/8 WAVEGUIDE 1/2x 1-1/8, DUAL GUIDES 9 3/8" LG. WITH PRESSURIZING ASSY. 5 LB IBM STK#1280-779-5606 \$1.95



TYPE	ATT.	D.B	OHMS	FREQ.	POWER	CONN-	PRICE
					WATTS	FACTORS	
CN-110/U	10	50	1-4	KMC	10	UG-45/46	\$1.95
CN-111/U	20	50	1-4	"	5	"	3.75
CN-168/U	3	50	1-4	"	5	"	1.95
CN-169/U	6	50	1-4	"	5	"	1.95
DT-76	R.F.	BALOMETER	FOR ABOVE UNITS				4.95

DIGITAL DISPLAY



DIGITAL DISPLAY: EACH UNIT WILL SHOW NUMBERS 0 TO 9 ALSO \$ SIGN 3-3/16" HIGH ON 3 1/2x4 SCREEN THAT CAN BE SEEN FOR QUITE A DISTANCE. OPERATES FROM 6.3 VAC. CAN BE ADAPTED FOR BASKETBALL FOUL INDICATOR BY PLACING ONE OVER EACH SCOREBOARD AND HAVE A CONTROL PANEL CONSISTING OF 5 SWITCHES AND TRANSFORMER AT THE

SCORER'S TABLE. (WIRING DIAGRAM FURNISHED ON REQUEST) CAN ALSO BE ADAPTED FOR USE AS A MOVING READOUT BOARD. SIZE: 3 1/2x5 1/2x11 1/2; WT: 7 LBS. PRICE: USED \$5.95 EACH 2 FOR \$10.00

SPECIAL TUBES



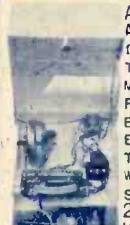
INFRA-RED IMAGE CONVERTER TUBE PERMITS SEEING IN THE DARK WITH LITTLE OR NO VISIBLE LIGHT. THIS IS ACCOMPLISHED BY MEANS OF INFRA RED RAYS WHICH ARE DIRECTED AT THE OBJECT OR AREA TO BE VIEWED. WITH ASSOCIATED ACCESSORIES THIS TUBE CAN BE UTILIZED TO DO THIS PLUS MANY OTHER EXPERIEMENTS CAN BE TRIED IN OTHER AREAS. (DETAILS OF SNOOPSCOPE SUPPLIED WITH PURCHASE.) SIZE: 1 1/2x1 1/2; WT: 4 OZ. PRICE: \$1.95 EA. 3 FOR \$5.00

PHOTOTUBE: SIMILAR TO VISTRON R-71, 90 VOLTS. WITH LEADS, SIZE 1 1/2x2 1/2. \$1.50

SIMILAR TO VISTRON R-50, 90 VOLTS. WITH LEADS, SIZE 5/8x1 1/2. \$1.00
TYPE 923 4 PIN BASE \$2.25
TYPE 930 OCTAL " \$2.25

LIGHT SENSITIVE SWITCH 12 VOLT; AS USED IN MIRROR-MATIC REAR VIEW 35 1/2 EA. 3 FOR \$1.00
GEIGER TUBE ABS/5979 F/PDR-27 BS-1 \$2.95 EA. 2 FOR \$5.00

RADIOSONDE



AN/AMT-2 RADIOSONDE, 403 MC FM. A SINGLE PACKAGE INSTRUMENT WHICH CARRIED BY A FREE BALOON, IS USED TO TRANSMIT METEOROLOGICAL INFORMATION TO A GROUND STATION. THE FREQUENCY MODULATION IS CONTROLLED BY A SENSOR MECHANISM CONTAINING ELEMENTS CONTROLLED BY PRESSURE, TEMPERATURE AND HUMIDITY TOGETHER WITH A COMMUTATOR ARRANGEMENT WHICH SETS UP A SEQUENCE OF SIGNALS. USE 2 TUBES AND REQUIRES 1.5, 6 & 115 VDC FOR OPERATION. W/TUBES, LESS BATT. SIZE: 4 1/2x6x6 1/2; WT: 1 1/2 LB. PRICE: \$5.00

ARP RECEIVER



R-34/APR-2 RECEIVER 90-1000 MEGACYCLES, PROVIDES AUTOMATIC OR MANUAL SCANNING THROUGH THE FREQ. RANGE. ALL SIGNALS WITHIN THE RANGE CAN SIMULTANEOUSLY INDICATED VISUALLY ON THE DIAL AND GRAPHICALLY ON THE 1-3/8" SENSITIZED TAPE: TIME AT

WHICH SIGNALS APPEAR IS ALSO RECORDED ON THE TAPE; DURING THE SWEEP CYC. WHICH MAY BE SET AT 1.5 OR 5 RPS. AUTOMATIC SWITCHING FOR LOW AND HIGH ANT. VOLTAGE REQ. 26 VDC & 80-120 V 400 TO 2600 CYC. WITH 18 TUBES, 5 ROLLS OF TAPE AND OPERATING INSTRUCTIONS.

SIZE: 21x10 1/2x8; WT: 50 LBS. UNUSED \$99.50
MT-171 SHOCKMOUNTING FOR ABOVE RECEIVER \$2.75
CONNECTOR PLUG ONLY \$1.50 WITH CABLE ... \$2.75

U.H.F. REC-TRANS

TRANSMITTER-RECEIVER W/S CDN NO. 29 "B" SET APPROX 230 TO 245 MC. WITH SELF CONTAINED 12/24 VDC POWER SUPPLY. TWO PRE-SET CHANNELS IN THE FREQ. RANGE. (IDEAL SET FOR LOCAL NETTING. WITH TUBES 4/6AG5 2/6AK6, 2/6CA & 3/6J6. SIZE: 4 1/2x8x11; WT: 18 LBS. PRICE: USED \$18.95



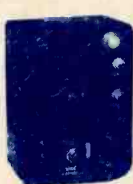
R-38C/MPN RECEIVER 30 MC T.R.F. PULSE RECEPTION RADAR "S-X" WITH AFC AND GAIN CONTROLS AND TEST JACKS. 117V. 60 CYCLE VOLTAGE REGULATED POWER SUPPLY. WITH TUBES 7/6AC7, 3/684G, 2/6SN7, 2/6V6, 2/6SJ7, 2/5R4GY, 2/VR-105, VR-150, 884, VII, 6H6. RACK MTG. 19x8x20 1/2; WT: 100 LBS. PRICE: \$25.00

MAGAZINE

MAGAZINE FOR RADARSCOPE IMAGE OPTICAL TARGET RECORDING CAMERA TYPE C-7 WITH FILM SPOOL SIZE 1-3/8 x 2 1/2.

SIZE: 3 1/2x6x5 1/2; WT: 5 LBS. PRICE: USED \$9.95

CONTROL FOR DURATION TRIPPING PULSE PHOTO CONTROL SYSTEM E-1 VOLTAGE REQUIRED 24 VDC, CONTAIN DELCO 24 VDC P.M MOTOR 10,000RPM CONNECTED TO A GEAR BOX ALSO A 3 DIGIT ELECTRIC COUNTER WITH MANUAL RESET, 2 - 24VDC RELAYS, START, STOP AND SINGLE EXPOSURE PUSH BUTTON SWITCHES; PILOT LIT & FUSE HOLDER. W/ SCHEMATIC SIZE: 5 1/2x6 1/2x3 1/2; WT: 8 LBS. PRICE: USED \$8.95



RECEIVER



BC-229 RECEIVER A.M. T.R.F. 201 TO 398 KC AND 2500 TO 7700 KC BY USE OF PLUG IN COILS SUPPLIED WITH THE REC WITH SIX TUBES 1/37, 1/38 & 4/39. POWER REQUIRED FOR FILAMENT 12 VOLTS, HIGH

VOLTAGE APPROX 200 TO 250 VOLTS D.C @ 80 MA. SIZE: 16x8x7; WT: 15 LBS. PRICE: UNUSED WITH TUBES AND COILS \$9.95 CONNECTOR PLUG (1) REQ. \$1.50 TUNING KNOB \$1 A.C. POWER SUPPLY 115 VOLT 60 CYCLE WITH SPEAKER CONNECTING CABLE & PLUG IN METAL CABINET, SWITCH & PILOT LIGHT. NEW \$19.95

AMPLIFIER



AM-142/AIC AMPLIFIER USED IN LARGE AIRCRAFT AS A AUDIO LINE BOOSTER AND MIXER FOR THE INTER COMMUNICATION SYSTEM. INPUT IMPEDANCE 500OHM OUTPUT 600 OHM. OPERATES FROM 24 VOLTS D.C. USES ONE 26A7 TUBE. WITH TUBE & SCHEMATIC. SIZE: 5x5x2; WT: 3 LBS. PRICE: USED \$2.95

SERVO AMPLIFIERS



SERVO AMPLIFIERS FROM MD-2 ELECTRONIC CONTROL STABILIZATION BOMBING NAVIGATIONAL COMPUTER. PART NO. DESIG. PART NO. DESIG
658657 I H 656662 P H
672168 MAH 673097 MDH
658659 K H EACH UNIT
SIZE: 3 1/2x3x3; WT: 3 LBS. U \$1.95
658658 J H 658661 M H
658660 L H EACH UNIT
SIZE: 5x3x3 1/2; WT: 4 LBS. U \$1.95
SEALED UNITS. CONNECTOR PLUGS EACH USED \$1

AMPLIFIER

AM-26/AIC AMPLIFIER; USED IN AIRCRAFT FOR AUDIO INTERCOMMUNICATION. CARBON MICROPHONE INPUT, 600 OHM AND 2000 OHM OUTPUT IMPEDANCE. WITH 2/12J5 & 2/12A6 TUBES. VOLTAGE REQUIRED 24 VDC FOR FILAMENTS AND 250 VDC @ 60 MA. MOUNTING FOR DM-32 DYNAMOTOR 24 VDC. (PAGE 9) SIZE: 9 1/2x5 1/2x5 1/2; WT: 8 LBS. PRICE: USED \$4.95



TS-328A/U FREQUENCY METER, JBT MANUFACTURE. 400 CYCLE POCKET TYPE. NINE REEDS, 380-420 CYCLES IN UNITS OF 5 CYCLES. SIZE: 3x6x4; WT: 2 LBS. PRICE: USED \$7.95

SIGNAL GENERATOR

TS-497A/URR SIGNAL GENERATOR 2 TO 400 MC SIMILAR TO MEASUREMENTS 80 SIX BANDS, .5% ACCURATE CONTINUOUSLY VARIABLE FROM .1 TO 100,000 MICROVOLTS, 50 OHM OUTPUT IMPEDANCE, SINE WAVE MODULATION CONTINUOUSLY VARIABLE 0-30 PERCENT AND IS DIRECTLY INDICATED ON THE PERCENT MODULATION METER, INTERNAL MODULATION 400 OR 1000 CYCLE, EXTERNAL 50 TO 10,000 CYC AMPLITUDE AND PULSED CARRIER OUTPUT. VOLTAGE REQUIRED 117 VOLT 50/60 CYCLE. PORTABLE UNIT WITH REMOVABLE COVER. SIZE: 9x19x10 1/2; WT: 48 SHPG. 65 LBS. PRICE: USED CHECKED FOR OPERATION \$225.00



1-129 FREQUENCY METER ABSORPTION TYPE; DESIGNED TO MEASURE RADIO FREQUENCY FROM 1.5 TO 41 MC. CONSISTS OF FOUR FREQUENCY INDICATING ASSEMBLIES, THAT CONSISTS OF A COIL VAR. CAPACITOR AND DIAL, AND IS USED TO INDICATE THE FUNDAMENTAL FREQ. OF AN R.F. SOURCE. IT MAY ALSO BE USED TO DETERMINE THE ORDER OF A HARMONIC CRYSTAL OSCILLATOR, FREQ. DOUBLER OR QUADRUPLES. THE RANGES ARE 1.5-4 MC, 4-11 MC, 10-20 MC & 19-40 MC. NO VOLTAGE IS REQUIRED FOR OPERATION. CARRING CASE SIZE: 12x5x3; WT: 8LBS. U \$25.00



BALLANTINE 310A VTM WIDE RANGE, MEASURES FROM 1UV-100 V FULL SCALE AT 10 HZ TO 2M HZ. ACCURACY IS -3% OF READING FROM 15 HZ TO 1 MHZ. \$65.00

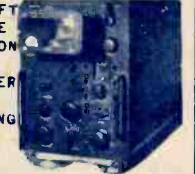


1-196 SIGNAL GENERATOR 160 TO 220 MC USED TO CHECK LF & HF BANDS OF IFF SETS. DRY BATTERY OPERATION USES ONE 957 ACORN TUBE VARIABLE FREQ. & TONE CONTROL, PILOT LIGHT, ON/OFF SW. ETC. HOUSED IN WOOD CASE WITH CANVAS COVER. SIZE: 8x8x14; WT: 10 LBS. REQUIRES 1.5 & 135 VDC. NEW \$2.95



OS-29/UPM-4A PRECISION SYNCHROSCOPE EMPLOYING A THREE INCH CATHODE RAY TUBE. THE SWEEP OF THE CRT CAN BE TRIGGER EXTERNALLY OR INTERNALLY AND CAN BE DELAYED WITH EITHER TRIGGER. THE SWEEP DURATION AND, WHEN INTERNALLY TRIGGERED, THE SWEEP FREQ. CAN BE CONTROLLED. THE INPUT SENSITIVITY OF THE VIDEO AMPLIFIER CAN BE VARIED IN SIX STEPS FROM 0.2-20 VOLTS PER INCH OF VERTICAL DEFLECTION. THE UNIT CONTAINS HIGH VOLTAGE POWER SUPPLY, BUT REQUIRES THE FOLLOWING VOLTAGES FOR OPERATION 300V, -27V, 425, 105V. NORMALLY SUPPLIED BY POWER SUPPLY PP-802/UPM-4A, NOT AVAILABLE. SIZE: 22x19x10. WT: 50 LBS. RENEW- \$34.95.....USED- \$22.95

R-65/APN-9 LORAN RECEIVER INDICATOR AS USED IN AIRCRAFT AND BOATS. PROVIDES ACCURATE MEANS OF DETERMINING POSITION OF FIXED SHORE TRANSMITTING DIRECTION STATIONS WHEN OTHER MEANS ARE INEFFECTIVE. CONSISTS OF A RECEIVER OPERATING IN THE MARINE BAND WITH 3" CR TUBE INDICATOR FOR PRESENTATION OF THE RECEIVED SIGNALS. OPERATES FROM 24 VDC & 115 V. 400-800 CYCLE W/TUBES, LENSE, CRYSTAL. SIZE: 9x12x30 1/2; WT: 40 LBS. USED \$59.50 LESS TUBES, CRYSTAL, HOOD & LENSE..... \$20.00



RADAR FREQUENCY AMP.



R-9 RADAR FREQUENCY AMP. USED TO INCREASE OUTPUT OF TEST EQUIPMENT IN 2750-2950 MC RANGE. POWER APPROX. 6 WATTS FROM 2C40 TUBE. CONTROLS FOR POWER AND FREQUENCY. COMPLETE WITH TUBES 2C40; 6AN5; 5687; 12AT7; 2X2; 2/OA2; OB2; 2/5Y3; 56C6; SIZE: 10x17x20. WT. 43LBS. PRICE: \$19.95



TRANSMISSION GENERATOR, MFG. ARMA, TYPE 03TG-400X1, DWG#93054 \$2.95

AUTOSYN RESOLVERS
AY-123D BENDIX 400 CYCLE; ROTOR 2 PHASE, 26 VOLT; STATOR 2 PHASE, 11.8 VOLT. \$1.95
RESOLVER TRANSMISSION GENERATOR, JOHN OSTER TYPE 15-4042-06, DWG-#C45 \$2.95
RESOLVER MFG. CLIFTON PART #BSC-150S; ROTOR 2 PHASE 0.5-16 VOLT; STATOR 0.5-16 VOLT 400 CYCLE. \$2.95
RESOLVER, MFG. ARMA, TYPE 03X1-400 DWG#93001 \$2.95
RESOLVER, MFG. OSTER TYPE 15-4042-04 \$2.95

AUTOSYN DIFFERENTIAL
AY-165-A3 400 CYCLE, 3 PHASE 11.8 VOLT; ONE TO ONE RATIO. MFG. BENDIX \$1.95
AY-232S-3B BENDIX SAME SPEC. AS ABOVE \$1.95
AY-231S-3B " " " " " " \$1.95

RECEIVER TORQUE SYNCHRO 23TR4 115/90 VAC 400 CYCLE, TWO UNITS MOUNTED ON FRAME WITH NUMBERED DIALS 0-100 & 0-1000, SYNCHRO SIZE: 4x2x2 PRICE USED \$15.00



23TR4 RECEIVER 115/90V. 400 CYC. USED \$7.95
23TX4 TRANSMIT 115 V. 400 " " 7.95
23CT4 CON. TRANS. 115V. 400 " " 7.95
23RS4A RESOLVER 90/90V. 400 " " 7.95
23CX6 TRANSMIT 115/90V. 600 CYC. USED \$10.00
23CT6 TRANSFOR 90/IV. PER DEGREE " 7.00

DAYSTROM TRANSCOIL CONTROL MOTOR 115 VOLT 60 CYCLE, 1 PHASE, 2 PHASE 200 VOLT CT., 3200 RPM. SIZE: 2x2, SHAFT SIZE: 1/16x2 WITH GEAR. REMOVED FROM NEW EQUIPMENT. PRICE: \$5.00

2J1H1 SELSYN DIFFERENTIAL GENERATOR NORMALLY OPERATES FROM 57.5/57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 26 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM ON PAGE 31. SIZE: 2x4x4; WT: 8oz. PRICE WITH CONNECTOR CAPS.....\$3.95

OSCILLOSCOPE VIEWING HOODS:
5" ROUND TEKTRONIX MFG.; PLASTIC BARREL W/RUBBER VIEWER; SIZE: 5x11 1/2 WT: 4LBS. PRICE: NEW \$3.00
6"x5" RECTANGULAR HOOD; FOR INDICATOR BC-704-A; P/O SCR-521-A; SIZE: 6x5x9 1/2; WT: 4LBS. #2A937B U. \$3.

TS-239 OSCILLOSCOPE GENERAL PURPOSE INSTRUMENT FOR TESTING RADAR & COMMUNICATION EQUIPMENT. DISPLAYS A LUMINOUS PLOT OF TIME-VARYING VOLTAGE PULSE OR WAVE ON A 3" CR TUBE. SINE WAVE OF 10 CYC TO 5 MC ARE OBSERVABLE. INPUT IMP. 300M OHMS W/30 MMFD CAP. SIGNAL INPUT SCOPE ONLY .1 TO 100 VOLTS PEAK. OUTPUT TRIGGER PULSE + 25 V. 4 MICROSEC. DUR FREQ. RANGE 1 CYC TO 3 MC. PULSE DISPLAY .2 TO 5M MICRSEC. INTERNAL SQUARE WAVE 150 CYC PER-SEC. ADJ. .1 TO 1 VOLT. ALSO 75 VOLT SQ. WAVE. SENSITIVITY .1 VOLT PRODUCES STAND. DEFLECTION W/MAX. AMPLIFICATION. CONTROLS & CONN. ON FRONT PANEL. SIX STEP MULTIPLIER EXTENDS RANGE 300 TIMES. SWEEP ADJ. .1 TO 50M MICROSEC. POSITIVE OR NEGATIVE POLARITY. WITH USE OF PROBE INPUT IMP. MAY BE INCREASED TEN TIMES WITH LOSS OF SENS. AND INCREASE IN VOLTAGE TO 450. WITH TUBES 3/6AK5, 2/6AG7, 2/6CA, 8/7F8 1/6AL5, 2/6SN7, 1/VR-105, 2/6X5, 1/5R4 & 1/3JP1 SIZE: 21x16x13 1/2; WT: 75 LBS. PRICE: USED CHECKED \$69.50 NOT CHECKED \$55.00



DESICCATOR PUMP TEST FIXTURE: CONSISTS OF AIR FLO-SCOPE INDICATOR WITH 4" MAGNETIC METER 0-8 INCHES OF WATER AND PRESSURE CONTROL VALVE ALSO TWO 3" SQUARE METERS 0-50 VDC 500 OHMS PER VOL AND 0-5 AMP METER, RHEOSTAT, SW, PILOT LIGHT ETC. UNIT IS HOUSED IN METAL CARRING CASE 21X13X6; WT: 25 LBS. PRICE: USED \$14.95

SYNCHRO SELSYNS

SYNCHRO GENERATOR SPERRY PT#R5663642 MFG. BY BENDIX FOR IBM. SIMILAR TO BENDIX OPERATES FROM 26 VOLTS 400 CYCLE SINGLE PHASE WHEN USED IN CONJUNCTION WITH BENDIX # AY-201 SYNCHRO CONTROL TRANSFORMERS IT WILL OPERATE UP TO 20 UNITS. WILL ALSO OPERATE FROM 6 VOLT 60 CY. WITH A SLIGHT LOSS. SIZE: 2x2x2; SHAFT 1/16x2; WT: 12 OZ. PRICE: NEW \$2.95 2 FOR \$5.00

AY-201 SYNCHRO CONTROL TRANSFORMER MFG. BY BENDIX, KETAY, CLIFTON ETC. ROTOR 1 PHASE 26 V 400 CYC. STATOR 3 PHASE 11.8 V. SIZE: 1x1x1, SHAFT 1/16; WT: 3 OZ. PRICE: RE-MOVED FROM EQUIP. \$1.95 EA.

SELSYN TRANSFORMER DIEHL #812732 115 VOLT 400 CYCLE. CAN BE OPERATED ON 60 CYCLE WITH CAPACITOR. RE-MOVED FROM EQUIPMENT. SIZE: 2x2x2 1/2; 3 LB. \$2.25

BC-788C RECEIVER-TRANSMITTER ALTIMETER, PULSE TYPE, TRANSMITTER OUTPUT 50 WATTS. FIXED FREQUENCY 440 MC. WITH TUBES 3/6J6, 1/6L6, 9/6AG5 AND 1/5Y3Gt OPERATES FROM 115 VOLT 400 TO 2400 CYCLE. SIZE: 15x9x8; WT: 13 LBS. PRICE: USED \$18.95

INDICATOR

ML-117 INDICATOR, WIND DIRECTION AND SPEED. UNLIMITED WIND SPEED RANGE INDICATED BY ONE LIGHT, 0-360 DEG. WIND DIRECTION RANGE INDICATED BY 8 LIGHTS, FLASHING LIGHTS OR BUZZER INDICATORS, INTERRUPTER CURRENT ACTUATED, 110 V 60CY OR 6.8 VDC. (THIS IS ONLY THE INDICATOR, REQUIRES OTHER PARTS FOR OPERATION) FREIZ ITEM #18-1475. SIZE: 9x4; WT: 24 LBS. PRICE: RE-NEW \$12.95

GENERAL ELECTRIC SELSYN CONTROL TRANSFORMER MODEL NO. 2J15N1 57.5-57.5 VOLTS 400 CYCLE. SIZE: 2x2x2; 1 LB. NEW \$4.95

RT-159/URC-4 RADIO RECEIVER-TRANSMITTER USED FOR GROUND TO AIRCRAFT RESCUE WORK. VHF FREQ. 120-130 MC. UHF FREQ. 240-260 MC. CRYSTAL CONTROL TRANSMITTER, SUPER REGENERATIVE RECEIVER. DIPOLE COLLAPSIBLE ANTENNA AND COMB. MIC & EARPHONE ARE PART OF THE SET. WITH 8 TUBES 4/6050, 2/6147, 2E32, & 3Q4. BATTERY VOLTAGES REQUIRED 1.4 AND 90 VDC. UNITS USED SERVICEABLE. SIZE: 3x7x2 1/2; WT: 3LBS. PRICE: USED \$14.95

RT-285/URC-11 RECEIVER-TRANSMITTER SIMILAR TO URC-4 RESCUE UNIT FOR USE BETWEEN AIRCRAFT AND GROUND. UNIT IS SET FOR 243 MC. TELESCOPING ANT. REC.-TRANS-TONE SW. BUTTQ VOLTAGES REQ. 1.4 & 90 VDC. SAME AS URC-4 ALSO URC-4 TEST SET CAN BE USED. TS-684 SHOWN ON PAGE 16 SIZE: 3x1 1/2x4; WT: 1 1/2 LBS. PRICE: USED..... \$18.95

POWER SUPPLY FOR 7 SETS

PP-351/U POWER SUPPLY; PORTABLE POWER UNIT PROVIDING REGULATED DC POWER FOR TESTING COMMUNICATION EQUIP. AN/PRC-6, 8, 9 & 10; SCR-510 & 610; AND RECEIVER-TRANSMITTER BC-1000. INPUT: 115/230V. 2.6/1.3 AMPS, 50/60 CYCLES OUTPUT, A: .9 TO 1.8 VDC @ 0 TO 1.5 AMPS A: .9 TO 1.8 VDC @ 0 TO 1 AMP AND 2.5 TO 8.6 VDC @ 0 TO 1 AMP. B1 & B2: 22.5 TO 150 VDC @ 0 TO 100 MA. B: 0 TO 22.5 VDC @ 0 TO 1 MA. INCLD. INPUT CABLE AND OUTPUT CABLES FOR PRC-6; PRC-8, 9, 10; SCR-510, 610; AND BC-1000 SIZE: 25x11x14 1/2; WT: 150 LBS. UNUSED \$49.50

AN/FGC-5 TELEGRAPH



CV-94/FGC-5 TELEGRAPH CODE CONVERTER, RECEIVING GROUP ACCEPTS THE SIGNAL CODE COMBINATION, MOMENTARILY STORES AND GENERATES THE PROPER SIGNAL TO BE SENT ON TO THE START-STOP CIRCUIT. INCLUDES 6 INPUT SIGNAL LAMPS, MONITOR SELECTOR, OUTPUT JACKS FOR MONITOR SCOPE TRIGGER AND PRINTER, 3" METER 100-0-100 MA DC W/TUBES 9/12AU7, 3/12AT7 & 13/5663 & MERCURY RELAY. RACK MTG. 19x7x13; WT: 22 LBS. USED \$14.95



O-100/FGC-5 SIGNAL DISTRIBUTION DRIVE RECEIVING SUPPLIES DRIVING IMPULSES TO SIGNAL DISTRIBUTOR RECEIVING SECTION WHICH ARE CRYSTAL CONTROLLED FREQ. OF APPROX. 101.25 KC. W/ START-STOP INTERVAL, FOUR CHANNEL SELECTOR & 3" CORRECTION METER 5-0-5 O-1 MA MOVEMENT W/TUBES 12/12SN7 & 2/6SJ7 USED \$14.95



C-621/FGC-5 CONTROL MONITOR RECEIVING GROUP DECOUPLES AND AMPLIFIES SIGNAL WITH PROVISION FOR MONITORING W/SPEAKER & 3" METERS 0-100 MA DC. & 0-1 MA MOVEMENT & SCALE 0-200 FOR READING MULTIPLEX DRIVE AND WPM. W/TUBES 8/6SN7, 1/6SL7, 2/6V6 & 1/2B23. REQUIRES 225 VDC AND 6.3 VAC. USED \$17.95



TT-64/FGC-5 RECEIVING SIGNAL DISTRIBUTOR ACCEPTS THE AMPLIFIED MULTIPLEX SIGNAL FROM THE CONTROL MONITOR, DETECTS THE PATTERN, INVERTS TO NORMAL AND SENDS PROPER CODE COMBINATIONS TO CONVERTERS. W/TUBES 12/12AU7, 4/12AT7, 10/5663, 2 PUSH SWITCHES FOR IMPULSE & CHANNEL PHASING & MONITOR SELECTOR. RACK MTG. 19x7x13; 22LBS, USED \$12.95



CV-81/FGC-5 TELEGRAPH CODE CONVERTER TRANS. CIRCUITS FOR ACCEPTING & DETECTING START-STOP SIGNALS FROM 1 CIRCUIT STORING THE FIVE ELEMENT CODE COMBINATIONS AND TRANSFERRING THE STORED SIGNALS TO POSITIONS ARE USED BY THE TRANS. SIG. DIST. IN THE MULTI. CIR. WESTON 301 DC MA, 100-0-100, 30 TUBES, 19/5663, 5/12AT7, 5/12AU7 & 1/3B23. VOLTAGE REQ. 6.3 VAC. 115 & 225 VDC. SIZE: 19x7x13; WT: 23 LBS. USED \$14.95



O-101/FGC-5 SIGNAL DISTRIBUTOR DRIVE TRANSMITTER GROUP SUPPLIES TIMED DRIVING IMPULSES TO THE TRANSMITTER DISTRIBUTOR, CRYSTAL OSCILLATOR 101.25 KC IN OVEN, AMPLIFIER CIRCUIT USES TUBES 6/6SN7, 1/6SJ7; 7 POSITION SWITCH FOR FREQ. & FAC. SEL. VOLT. REQ. 6.3 AC. 115 & 225 VDC. 19x7x13; 15 LBS. USED \$9.95



C-620/FGC-5 CONTROL MONITORING TRANS. GROUP AMPLIFIES SIGNALS FROM TRANS. SIG. DIST., COUPLES OUTPUT TO MULTIPLEX TRANS. CIR. NECESSARY CONTROL SWITCHES & LIGHTS TO DO THIS. ALSO WESTON METERS 301, 3" 0-100 MA DC. AND MULTIPLEX DRIVE FREQ. METER CALB. CYC. PER SEC. 60 & 75 WPM. 0-1 MA DC. BASIC. FS. W/TUBES 5/6SN7, 2/6V6, VOLTAGE REQ. 6.3 VAC, 115 VDC & 225 VDC. W/SCHEMATIC. 19x7x13; WT: 23 LBS. USED \$17.95



TT-58/FGC-5 TRANSMITTER SIGNAL DISTRIBUTOR CONTAINS CIRCUITS WHICH FORM THE MULTIPLEX TELEGRAPH SIGNAL, THE PATTERN BEING DETERMINED BY THE CODE SIGNALS SET UP IN THE PARTICULAR TEL. CODE CONVERTERS IN USE. IT CONTAINS A CRYSTAL OSCILLATOR, SUBDIVIDED, AMP. CIR., IND. LAMP AND SW. TO CONNECT CONTROL MONITOR FOR OSCILLOSCOPE VIEWING. WITH TUBES 19/12AT7 & 10/5663. VOLTAGES REQ. 6.3 VAC., 115 & 225 VDC. 19x7x13; WT: 15 LBS. USED \$14.95



FR-67/U FREQUENCY METER & ELECTRONIC COUNTER. GENERAL PURPOSE HIGH SPEED COUNTER WITH A ACCURATE TIME BASE THAT WILL AUTOMATICALLY COUNT AND DISPLAY PRECISE TIME INTERVAL. RESULTS ARE PRESENTED IN DIGITAL FORM. OPERATION MAY BE AUTOMATIC OR MANUAL. COUNTING RATE RANGE 20 TO 100,000 EV PER. SEC. CRYSTAL FREQ. 100 KC. PER. SEC. DISPLAY TIME CONT. VAR. 1 TO 5 SEC. TIME BASE .1 1 AND 10 SEC. ACCURACY - 1 EVENT. POWER REQ. 115 V. 50/60 CYC. RACK MTG. SIZE: 19x10x15; WT: 75 LBS. PRICE: USED SERVICEABLE... \$85.00



UNIVERSAL E/P/T-TIMER BECKMAN/BERKLEY 7360 DC-1 MHZ FREQ. RANGE, 1 USEC TO 10 SEC TIME BASE, ALSO MEASURES PERIOD, RATIO, TIME INTERVAL. RACK MTG. IN CABINET. \$100.00

BECKMAN 5426 PRESET COUNTER 6 DECADES	\$95.
BECKMAN 554 EPUT METER 5 "	\$75.
BECKMAN 715C " " 6 "	\$100.
HP 521C ELECTRONIC COUNTER 5 DEC.	\$150.

ALL ABOVE UNITS ARE SOLD AS USED SERVICEABLE

LOOK, LOOK, LOOK

TEL-INSTRUMENT TYPE 1900 MULTI-FREQUENCY GENERATOR 10 CHANNEL CRYSTAL CONTROL, 400 CPS MODULATED, FOR ALIGNING T.V. RECEIVERS WITH I.F. OF 14 TO 40 MC. POWER REQ. 115 V. 60 CYC SIZE: 12x9x8; WT: 25 LBS. SERVICEABLE \$35.00

TEL-INSTRUMENT TYPE 1500 WOBBLATOR USED FOR ALIGNMENT OF BROAD BAND I.F. IN T.V. RADAR AND F.M. RECEIVERS. FREQ NOW SET 21 TO 47 MC. R.F. OUTPUT ADJ. LESS THAN 100 MIC. V. TO 1 V SIZE: 7x12x14; WT: 25 LBS. SERVICEABLE \$45.00

TEL-INSTRUMENT 1902 AM/FM GENERATOR U \$40.00
" 1900 WOBBLATOR USED \$35.00

TEL-INSTRUMENT T.V. WOBBLATORS
#1211 FOR U.H.F. #1212 FOR V.H.F. EA. U. \$50.00
BOONTON V.T.V.M. # 62 U \$35.00
BOONTON F.M. SIGNAL GENERATOR #78 U \$30.00
FERRIS 22A SIG. GENERATOR 85KC TO 23MC \$45.00
FERRIS 20A1 MICROVOLTERR U \$40.00

SCOPE ACCESSORY



TS-433/U SQUARE WAVE GENERATOR-SIGNAL AMPLIFIER AND ELECTRONIC SWITCH. THE ELECTRONIC SWITCH MAKES POSSIBLE THE SIMULTANEOUS OBSERVATION OF TWO RECURRENT PATTERNS ON THE SCREEN OF A CATHODE RAY OSCILLOSCOPE BY PROVIDING 2 INDEPENDENT TIME BASES. DIRECT COMPARISONS OF AMPLITUDES, WAVEFORMS, FREQUENCIES AND PHASE RELATIONSHIPS MAY BE OBSERVED... A SQUARE WAVE VOLTAGE OF VARIABLE FREQ. AND AMPLITUDE IS AVAILABLE AT THE OUTPUT TERMINALS FOR USE AS A TEST SIGNAL IN STUDYING THE TRANSMISSION CHARACTERISTICS OF VACUUM TUBE AMPLIFIERS OR OTHER CIRCUITS... DIRECT COUPLED AMPLIFIERS ARE DESIGNED FOR "CHOPPING" A DC SIGNAL MAKING IT SUITABLE FOR TRANSMISSION THROUGH THE AC AMPLIFIERS WHICH USUALLY ARE FOUND IN OSCILLOSCOPES. SWITCHING RATE CONT. VAR. 10 TO 2000 TPS... SQ. W. GEN. CONT. VAR. 10-500 CPS. AMPL. CONT. VAR. TO AT LEAST 30 V. P TO P... SIG. AMPL. FREQ. RESP. UNIFORM 0 TO 5000 CPS. INPUT IMP. 100,000 OHMS, OUTPUT IMP. 50,000. POWER REQ. 115/230 V. 50/60 CYCLE. SIZE: 15x13x18; WT: 20 LBS. USED \$24.95

PRICES, SERVICABLE NOT CHECKED UNUSED \$32.95



PP-484/FGC-5 VOLTAGE REGULATED POWER SUPPLY OPERATES FROM 115/230 VOLT 50/60 CYCLE 1 PH. OUTPUT 115 VDC 100MA, 225VDC 550 MA., 4/6.3 VAC 12 AMP. -6.3V BIA. WESTON 301 METERS 3" 0-10 VAC; 0-200 VDC & 0-500 VDC; W/TUBES 2/3B28, 2/2050, 2/12AU7, 6Y6 & 5U4. ALSO 2 AC OUTLETS ON FRONT PANEL. 19x11x20; WT: 150 LBS. USED \$29.95

OSCILLOSCOPES



USM-24 OSCILLOSCOPE WITH 3JPI C.R. TUBE. SINE WAVE RESPONSE, FLAT WITHIN -30DB FROM 2 CYC TO 8 MC. TRANSIENTS RESPONSE .04 MIC ROSEC. RISE, POLARITY POSITIVE UPWARD AND NEGATIVE DOWNWARD DEFLECTION, RECURRENT SWEEP 8CYC PER. SEC. TO 600 KC., TRIGGERED SWEEP 1.25 TO 125 MICRSEC., VERT. DEFL. SENSITIVITY .035, HORIZ. DEFLEC. 4.0V, HORIZ. RESPONSE .5 CYC PER SEC. TO 700 KC. VERT. RESPONSE 4 CYC PS. TO 10MC. BEAM MOD. RESPONSE 50 CYC PS. TO 10 MC. HORIZ. INPUT IMP. 300,000 OHMS, BEAM MOD. INPUT RESISTANCE. 56,000 OHMS SIGNAL AMPLIFICATION IS UNIFORM OVER A WIDE FREQ. RANGE. A CALIBRATING GENERATOR FOR ACCURATE MEASURE. OF INSTANT. VALUES OF SIGNAL, WITH CHOICE OF 5 TIME MARKERS. ALL OPERATING CONTROLS AND CONN. ARE ON THE FRONT PANEL. INPUT AND OUTPUT CONNECTIONS USE BCN CONNECTORS. POWER REQUIRED 115 VOLT 50 TO 1600 CYC. SIZE: 15x17x16; WT: 55 LBS. SHPG. WT: 65 LBS. PRICES: OS-26/USM-24 CONVERTED BY GOV'T TO

PRICES: OS-26/USM-24 USED SERVICEABLE LESS PROBES AND ADAPTERS... \$65.00 SAME AS ABOVE CHECKED, OPER. \$85.00

PROBES (2) CG883/USM-24; (1) CG944/HP \$5. EA. ADAPTERS UG924, UG255, UG274, UG273 \$1 EA.

OSCILLOSCOPE

US-25/G OSCILLOSCOPE

TRIGGERED SWEEP 5 MICROSECOND TO .05 SECOND CONTINUOUS, 5 MICROSECOND TIMING PIP CONTROLS, CALIBRATION; ONE VOLT PEAK TO PEAK ADJUSTABLE, SYNC. MULTIPLEXER AND DE-MULTIPLEXER. PART OF AN/TCO-13 MULTIPLEX TEST SET. WITH 5CPI CATHODE RAY 5" TUBE PLUS 30 OTHER TUBES; 2/5R4, 2/2X2, 1/6AS7, 9/6AG7, 3/6AL5, 2/6AU6, 4/12AT7, 2/6AQ5, 2/6AG5, 1/0A2 AND 2/6X4. POWER REQ. 115 VOLT 60 CYC. SIZE: RACK MTG 19x12x20; WT: 85 SHPG. PRICE: USED SERVICEABLE \$49.95 CHECKED \$65



OS-4/USM-25 OSCILLOSCOPE GENERAL PURPOSE UNIT DESIGNED TO PORTRAY A LUMINOUS PLOT OF VOLTAGE AGAINST A TIME BASE. SERVES AS A AUX. RANGING UNIT, PRECISION TEST OSCILLOSCOPE AND CALIBRATOR CAN BE USED WITH RADAR SYSTEMS TO INCREASE THE

ACC. IN RANGING, EXTEND THE RANGE SCALE AND PROVIDE ACC. CRYSTAL CONTROL MARKERS ALSO EXPANDED, DELAYED OR UNDELAYED SWEEPS. VIDEO AMP. SENS. MIN. .5 V PK-PK W/CRY. PROBE 5.0 V. DIR. TO VERT. DEF. 43 TO 52 VOLTS. FREQ. RESPONSE AMPL. 1 DB 50 CPS AND 5 MCPS PULSE RESPONSE RISE TIME LESS THAN .1 MICSEC. DELAY TIME, LESS THAN .2 MICROSEC., INPUT IMPEDANCE AMPL. 1 MEGOHM, SYNCHRONIZING CRYSTAL CONTROL MARKERS 10 MICROSEC. AND 50 MICRO SEC. INTERNAL IMP. 56 OHMS., SIGNAL DELAY TIME .60 SEC. WITH TUBES 3JPI CR AND 22 OTHER TUBES. POWER REQ. 115 V. 50 TO 1000 CYCLES. SIZE: 11x17x9; WT: 40 LBS. PRICE: USED SERVICEABLE \$39.50 CHECKED \$55.00

AUDIO TEST SET

TS-762 AUDIO TEST SET

USED WITH THE TCC-13 MICROWAVE MULTIPLEXER RADIO RELAY NETWORK. MEASURES DISTORTION @ 1000 CYCLES AND FIA @ 1000 CYCLES METER READS DB -20 TO +3, 600 OHM INPUT AND OUTPUT JACKS WITH ATTENUATORS FOR RECEIVE DBM +10 TO -60 AND SEND +10 TO -35 ALSO MONITORING JACKS, PUSH BUTTON SWITCHES FOR SEND, RECEIVE, DISTORTION AND FIA METER READINGS. WITH TUBES 1/5R4, 1/0A2, 5/12AT7 AND 2/6AG5. POWER REQ. 115 VOLT 60 CYCLE. RACK MOUNTING 19x7x14; WT: 30 LBS. PRICE: USED SERVICEABLE EXCELLENT \$39.95



CONNECTOR PLUGS TO FIT INDIVIDUAL UNITS...\$1.50 EACH PLUG

INSULATORS



STAND-OFF
STK#TM-1016SO; DIA. 1 1/8", 4" LONG, 1/2-20 THREAD, 3/8" MTG. 2 LB. PRICE: \$3.50
STK.#3G1300-8002; DIA. 1 1/8" 5" LONG, 1/2-20 THREAD, 3/8" DEEP. 1LB. \$2.50

STK.#3G1300-128; 1 1/8" DIA, 8" LONG, 1/2-20 THREAD, 3/8" DP. 2 1/2" IN. MTG. 1 1/2 LB. \$3.50

STK.#INS.1014; FEED-THRU 4" LONG 1/8" HOLE, 7/8" DIA. WITH NECK. PRICE: 25¢

STK.#3G2001-6 FEED-THRU 6" IN. 1/8" HOLE, 9/16 DIA. NO NECK. PRICE: 35¢

STK.#INS.#1015; FEED-THRU BRASS BOLT 6 1/2" LONG X 1/2" W/NUTS, SPLIT INSULATOR FOR 1/2" THICK MOUNTING WITH CORK WASHERS, OVERALL LGTH 3 1/2"x2, WT: 2LB. \$2.50

STK.#3G584 IN-84 FEED-THRU CONICAL SHAPE, 5" LG. O/A; 2 CONICAL SHAPED 1-1/8 LG. X 1 1/2" DIA. AT BOTTOM, 1" AT TOP, 1 1/4" DIA. ROD WITH 1/4 20 THREAD WITH NUTS/WASHERS 1/2 LB. 25¢ EA. 5 FOR \$1.00

SIMILAR TO ABOVE CONICAL BOTTOM INS. 3/4x3/4x1 1/2; TOP 1/2x1-1/8x1 1/2; 3/16 BOLT 3" LG W/NUTS & WASHERS. 1/4 LB. 35¢ EA. 3 FOR \$1.00
STK#IN-1017



3G138-20, 11 RIDGED CONICAL 2" BASE, 1/2" TOP, 1 1/2" LONG, PUSH SPRING TYPE BINDING POST ON TOP, WHICH CAN BE REMOVED AND BOLT INSERTED. 1/2 LB. 35¢ 3 FOR \$1.00

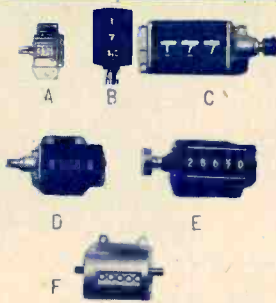
#IN-70 STRAIN INSULATOR; CYLINDRICAL WITH FOUR 1 1/4" RIBS. 7/16" HOLE. 2 1/2"x1 1/2" DIA. \$.35 EA. 3 FOR \$1.00

STK.#CBJ61023 ENTERING INSULATOR, CERAMIC 2x2, CADMIUM PLATED MOUNTING RING 3 1/2" WITH 6 MOUNTING HOLES, GASKET, 4" 1/4-20 THREAD BRASS BOLT WITH NUTS. 1/2 LB 39¢ EACH 3 FOR \$1.00

SPREADER INSULATORS
#IN-1020; 4" LGX 3/4 DIA 2 1/2" HOLE CENTERS. 25¢ EA. 5/\$1
#IN-1021; 12" LGX 3/4, 10" HOLE CENT. 45¢ 3 FOR \$1.25

ART-13 TRANSMITTER ANTENNA INSULATOR PANEL; 1 EA. 3 1/2x4 OBLONG WITH 2 ISOLATED SPRING TYPE BINDING POST, ONE 1/2x1 CONICAL INS. WITH PUSH POST AND ONE 3/4x3/4 INS. W/ PUSH TYPE BINDING POST. 1LB COMPLETE ASSY. \$1.00

COUNTERS



- A. 3 DIGIT COUNTER. 1/8" SHAFT. EACH NUMERAL 1/8 IN. SIZE: 1 1/2x1 1/2. STK#CBSH334 \$.75
- B. 3 DIGIT COUNTER. FOR VERTICAL MOUNTING. 3/8 IN. GEAR ON SHAFT. EACH NUMERAL 1/8". 1 1/2x1 1/2-1/8 STK#CBSH173 \$.79
- C. 3 DIGIT COUNTER WITH BEVELED GEAR 2 1/2x1 1/2x1 1/2. NUMERALS 1 1/2x1 1/2. STK#CBSH177 \$1.00
- D. 3 DIGIT COUNTER W/DIGITS 10THS, ONES, TENS. 100 THS DIGIT REMAINS 0. 1/8 IN. NUMERALS. 2 1/2x1 1/2. STK#CBSH9030 \$.75
- G. THREE DIGIT COUNTER WITH BEVEL GEAR OPEN FRAME BACK, LEFT DRIVE. SIZE 1x3/4x3/4, MTG. MASK 1x1. STK#G32163 \$.50
- F. 5 DIGIT COUNTER W/3/16 IN SHAFT EXTENDING 1/2" AT EACH END. 99999-0 DESCENDING ONLY. 1/8" NUMERALS. 1 1/2x1 1/2x1 1/2. STK#CBSM00000 \$1.00

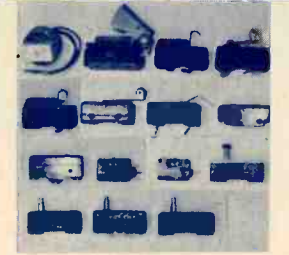
3 DIGIT COUNTER, VEEDER MFG. 1/2" DIA. GEAR SHAFT; 1 1/2" DIA. EXTERIOR SHAFT CAN BE GROUND TO 1/2". OVER-UNDER MOUNTING. 2 1/2x1 1/2x1 1/2. BC-1323 COUNTER \$2.95

TELEPHONE JACK STRIPS

- #4C4426-14 TWENTY JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J-2. KEL#261 \$2.80
- #4C4322-25 TEN JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J-2-1A. \$1.95
- #4C4426.11 TWENTY JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J-2, NUMBERED 0-19 \$2.50
- #4C4436.92-2 TWENTY JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J2, NUMBERED 20-39. KELLOG #369 \$2.50
- #4C4692.2 TEN JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J2 WECO#92 TYPE139 \$1.95

3G1830-67076 ENTERING INSULATOR, BOWL 4-3/8" HIGH, 6-15/16 AT BASE, 1 1/2" ROD 3/8 BRASS WITH NUTS, MOUNTING RING 3 SEC. 8-3/4" DIA. W/ 6- HALF INCH NUTS & BOLTS. 2 1/2" LG., BELL CAP 6" DIA. 10 LBS. \$5 EA. 3 FOR \$12.00

MICRO SWITCHES



- SPDT; 1EA2, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER. 1 1/2" DIA. 1 3/8" HIGH. .30
- SPDT; 3Z-3R24474; ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER; 2x1x1 1/2. .30
- SPST; WHBT349A-1, NORMALLY OPEN. LEVER PLUNGER. 2"x1" x5/8". .30
- SPDT; BZ-2R; ONE SIDE NORMALLY, OTHER CLOSED; PUSH PLUNGER ASSY. W/MOUNT. 2x1x1 1/2. .50
- SPST; WZ-RQ41; NORMALLY OPEN; PUSH PLUNGER W/ MOUNT. 2x1x1 1/2. .45
- DPDT; MS25008, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. EXTENDED BUTTON PLUNGER. 2 1/2"x2"x1 1/2". .25
- SPDT; YZ-3RLTC2, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. STRAIGHT LEVER PLUNGER. 2 1/2"x7/8"x1 1/16". .25
- SPDT; WHBT349B-1; ONE SIDE NORM. OPEN, OTHER CLOSED. LEVER PLUNGER 2x1x1 1/2. .30
- SPDT; MU SWITCH TYPE D; 3PLIT DIE CAST ENCLOSURE W/ 1/2" TAP CONDUIT HUB; 17/8.5A 125/250v. PUSH PLUNGER; 2 1/2x2x1. .75
- SPDT; 2MD3-1A, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER. 1 5/8"x1 1/2"x1 1/2". .45
- SPST; 2MC3-1A, NORMALLY CLOSED. PIN PLUNGER. 1 5/8"x1 1/2"x1 1/2". .45
- SPST; SW-186, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2"x1 1/2"x5/8". .25
- SPST; G-RS, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2"x1 1/2"x5/8". .40
- SPST; M07-102T, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2"x1 1/2"x5/8". .40
- SPST; WZ-RS9, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2"x1 1/2"x5/8". .40

SW-118 SWITCH ASSY SPST, ONE SIDE HOLDING ON; OTHER SIDE MOMENTARY ON CENTER OFF. SWITCH SIZE: 1 1/2x1, CASE SIZE: 2 1/2x1 \$.35 EA 3/\$1.00

THUMB-IT WHEEL WAFER SWITCHES NUMBERED 1 TO 10 CAN BE USED SINGLY OR IN BANKS. EACH SECT-#5930-539-6550 ON SIZE 2 1/2x2 1/2, PRICE EACH SECT. 65¢ BANK OF FIVE AS ILLUSTRATED NOT AVAILABLE

PUSH SWITCHES



- PUSH SWITCH WITH TWO SPDT MINIATURE MICRO SWITCHES, ONE SIDE NORM. OPEN, OTHER CLOSED; SCREW CAP COVERS PUSH BUTTON. #2PB1 .75
- SPST NORMALLY OPEN; 3A/250. PSW002 .35
- DPST NORMALLY OPEN; 1A/250. PSW004 .35
- SPST GOLD-FINISHED DOORBELL NORMALLY OPEN; 1 5/8" DIA. HARDWARE INCLUDED. PSW005 .35
- DPST INTERLOCK, NORMALLY OPEN. (329825/254) PSW006 .35
- SPST PULL SWITCH, NORMALLY OPEN. PSW007 .35
- SPST NORMALLY CLOSED; CASING AS GROUND; 1/2" SCREWS REQUIRED FOR MOUNT. PSW008 .35
- SPST, NORM. OPEN, FITS 3/8" HOLE. PSW1323 .35
- SPST NORMALLY OPEN. PSW10 .35
- SPST NORMALLY OPEN. PUSH-IN MOUNT REQUIRES 5/8" HOLE. PSW011 .25
- SPST, NORM. OPEN, FITS 5/8" HOLE. J-3-PB .39



DPDT PUSH-LEVER SWITCH. PSW013 .50
DPST PUSH-LEVER SWITCH. NORMALLY OPEN. PSW014 .50
DPST NORMALLY OPEN. PSW015 .50
FIVE-PUSH SWITCH 2PST NORM. CL. 1PST NORM. OP. 1PDT. 5x3x1 #PSW022 \$1.00
SIX-PUSH SWITCH; FIVE ARE SPST NORMALLY OPEN, THE OTHER DPST AND DPDT ON THE OPPOSITE SIDE. 4 1/2"x2 1/2". PSW017 \$1.00
SPST PUSH-LEVER SWITCH. 3 5/8"x1 1/2"x1 1/2". PSW022 .35

SPST NORMALLY CLOSED MICROPHONE SWITCH. COVER AS GROUND, WITH MOUNT. PSW019 .75
SPST NORMALLY OPEN START-STOP DOUBLE SWITCH. #401. PSW020 \$1.00
DPST, MICRO SW. NORM. CLOSE PUSH PLUNGER W/SIDE MOUNT; 1 1/2x1 1/2x1 1/2 CR1070C103 .50

EIGHT PUSH SWITCHES DPST NORM. OPEN AUTO RELEASE. PUSH SW. RELEASES ALL SPST NO. CL. 5x2x1 1/2; #855-151 \$1

CHAFF DISPENSER CONTROL BOX AND 24 VDC 5 DIGIT DECLINING COUNTER 2 DIGITS AT A TIME ALSO 12 POSITION WAFER SWITCH. LESS DIAL LAMPS \$ TOGGLE SWITCH. 6x4x3; 2LB. \$1.95

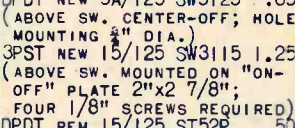
SWITCHES



AIRCRAFT TYPE SWITCH TWO HOLE MOUNTING FIG. #1
CIR CON RATING NO PR
SPST NEW 5A/125 B-5A .25
SPDT NEW 15/125 B-9-A .35
(ABOVE SW. CENTER-OFF)
SPDT REM 15/125 3022-7 .35
(ABOVE SW. CENTER-OFF MOM. B.3)
SPDT NEW 15/125 B-1B .30
DPST REM 30/125 C-1 .40
DPDT NEW 20/125 3023-10 .55
SPDT REM 5/125 B-7A .55
(CENTER-OFF, MOM. ONE SIDE)

TOGGLE SWITCHES

TOGGLE SWITCHES SINGLE HOLE MOUNTINGS: CONDITION NEW & "REM" RE-MOVED FROM EQUIPMENT, ALL GUARANTEED.
CIR CON RATING NO PR
SPST REM 6A/125 SW-105 .20
DPDT REM 15/125 ST-52R .35
(MOMENTARY, NO OFF POS.)
DPST NEW 10/250 8829K4 .50
(ABOVE SW. MOMENTARY)
DPST NEW 3A/125 CH7590 .35
DPST REM 15/125 ST50-K .45
DPST REM 5A/125 8822K1 .35
DPST REM 10/250 CH3545 .40
DPDT REM 3A/125 SW3125 .20
DPDT REM 6A/125 SW6125 .30
DPDT REM 5A/125 ST22R .35
DPDT REM 15/125 ST52P .40
(CENTER OFF)
DPDT REM 15/125 ST52N .35
3PST NEW 15/125 SW3115 1.00
4PST NEW 10/125 7661K5 1.00
SPST REM 6/125 8817K2 .35
(MOMENTARY)
DPDT NEW 5A/125 SW5125 .65
(ABOVE SW. CENTER-OFF; HOLE MOUNTING 1/2" DIA.)
3PST NEW 15/125 SW3115 1.25
(ABOVE SW. MOUNTED ON "ON-OFF" PLATE 2"x2 7/8"; FOUR 1/8" SCREWS REQUIRED)
DPDT REM 15/125 ST52P .50
(ABOVE SW. CENTER-OFF; IRON CASE MOUNT FOR LINEAR OPERATION 2 1/2"x1 1/2"x1 1/2")
DPDT NEW 15/125 BARKELEW \$2.50
(ABOVE SW. MEASURES 5"x5 1/2"x1 1/2". FOUR SCREW MOUNTS FOR 1/8" SCREWS)



LEVER SWITCHES



1273 #K-22 #K-1100 RM57416
TELEPHONE TYPE LEVER SWITCH
ONE SIDE; MAKE 1; BREAK 1
OTHER SIDE; MAKE 6
#5930-392-1273 \$.40
4 CIRCUIT EA. SIDE NORMALLY OPEN #329818-9.1 50¢ EA.
1 SIDE 8 BREAK 8 MAKE 4
MAKE OTHER 1 BREAK
#SW-BC1323 RE-MOVED 60¢
1 SIDE 2 MAKE OTHER SIDE
2 BREAK 2 MAKE SW-EE-2 35¢
TCK#404 GE#P7763503-2 50¢
1 SIDE DPDT NC & DPST NO.

PUSH-TO-TEST

PUSH-TO-TEST INDICATORS. DOUBLE LAMP HOLDERS WITH MINIATURE BAYONET BASE. 2 1/2" x 1 1/2" x 3/4". KORRY ST-260 SCREW TERMINALS OR TYPE 260 WITH SOLDER TERMINALS. AVAILABLE WITH THE FOLLOWING INSCRIPTIONS:

POWER - AIR CONDITIONING-IGNITER - POWER SUPPLIES-ERECTOR - 100% LIQ OXY
PRICE: \$2.00EA

PUSH-TO-TEST INDICATOR WITH MINIATURE BAYONET SINGLE LAMP HOLDER. 2 1/2" x 1 1/2" x 3/4". KORRY ST-136 SCREW TERMINALS OR TYPE 136 WITH SOLDER TERMINALS. AVAILABLE WITH THE FOLLOWING INSCRIPTIONS:

LOW - OVERLOAD - MALF. - POWER ON
PRICE: \$1.25EA

PUSH-TO-TEST INDICATOR WITH MINIATURE SCREW BASE. RED 7/16" DIA. SMOOTH JEWEL. 0" TO 1/2" SURFACE CLEARANCE. REQUIRES 3/8" HOLE TO MOUNT. 1 5/8" LONG. USED.
VM-500-2 \$.59EA

PUSH-TO-TEST INDICATOR WITH MINIATURE SCREW BASE. 3/8" DIA. CARAMEL-COLOR COVER. 0" TO 1/2" SURFACE CLEARANCE. REQUIRES 11/16" HOLE TO MOUNT. 1 15/16" LONG. NEW.
6210-617-0946 \$.59EA

PUSH-TO-TEST INDICATOR WITH MINIATURE BAYONET DOUBLE LAMP HOLDER. 2 5/8" x 1 1/2" x 5/8". WITHOUT LAMP COVER. COVERS NOT AVAILABLE. NEW. KORRY TYPE 261 WITH SOLDER TERMINALS
PRICE: \$1.00EA

INDICATOR LIGHT WITH MINIATURE BAYONET DOUBLE LAMP HOLDER. 2 1/2" x 1 1/2" x 3/4". INSCRIPTIONS WITH "CHECK FULL RPM" NEW. KORRY TYPE 204 SOLDER TERMINALS.
PRICE: \$.75



BULLS EYE PILOT LIGHTS

DULL FINISHED BRASS, BAYONET BASE, AND 0" TO 1/2" SURFACE CLEARANCE. ALL USED. LESS BULBS. PRICE: \$.39EA

B. PILO01. 7/16" CLEAR JEWEL. SINGLE CONTACT MINIATURE BASE. 2-1/8"x7/8"

D. LH62BY2. 3/8" DIA. AMBER JEWEL. SINGLE CONTACT MINIATURE BASE. 2 1/2"x1"

GRIMES INDICATOR LIGHT WITH ROUND LENS CAP; RED LENS, SUB-MIN. 28V. BULB INCLD. 7/16" THREADED BASE; SINGLE CONTACT. 2 1/2"x1"
6220-333-5827 \$.50



PILOT LIGHT JEWELS

RED, FACETED, 3/8" DIA. JEWEL. SCREWS INTO 11/16" DIA. HOLE OF DESIRED ASSEMBLY.
TYPE 81 \$.15 EA.

SMOOTH RED JEWEL 3/8" IN DIAMETER. SCREWS INTO A 3/8" ASSEMBLY.
SERIES F \$.15 EA

LARGE 5/8" FACETED AMBER JEWEL. SLIPS OVER BRACKET 7/8" IN DIAMETER. HAS ALSO MOUNTING HOLES FOR 3/32" SCREWS.
225368/1 \$.15 EA

3/8" DIA. WHITE SLIP-IN LAMP CAPS FOR SWITCHBOARDS. (NOT PICTURED) SLIPS INTO 3/8" HOLE.
4C1971 \$.15 EA 100/\$10

SUB-MINIATURE PILOT ASSEMBLY. 5/16" AMBER FACETED JEWEL FIT INTO BRACKET WITH AN OPENING OF 5/16". REQUIRES DOUBLE TERMINAL PLUG-IN OR SOLDER-IN NEON LAMPS. 1" LONG AND 1" HIGH.
PILO10 \$.15 EA 8/\$1.00



SUB-MINIATURE NEON PILOT LIGHT ASSEMBLY. FLUTED 5/16" DIA. CLEAR JEWEL. BASE IS FEMALE PART FOR A THREE PRONG PLUG WITH 1/16" DIA. HOLES IN ISOSCELES TRIANGLE PATTERN. MOUNTS IN 3/8" HOLE. 0" TO 3/8" SURFACE CLEARANCE. 1 3/8" LONG. INCLUDES BULB. USED. 110V. PILO07 \$.25 5/\$1.00

SINGLE TERMINAL AND CONTACT SUB-MINIATURE DIMMER PILOT LIGHT. MECHANICAL DIMMER VARIES SIZE TO COMPLETE DARKNESS. REQUIRES T-1 1/2 BULB. 5/16" DIA. SMOOTH RED JEWEL. MOUNTS IN 7/16" HOLE. 1 3/8" LONG. LESS BULB. NEW.
6210-643-4087 \$.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. CLEAR STOVEPIPE, SMOOTH 5/8" DIA. JEWEL. MOUNTS IN 11/16" HOLE. SURFACE CLEARANCE IS 0" TO 3/8 2 1/8" LONG. LESS BULB. USED.
PILO08 \$.39

ALL PLASTIC PILOT LIGHT. SINGLE CONTACT, MINIATURE SCREW TYPE BASE. RED FLUTED, COVER-LIKE JEWEL 3/8" IN DIAMETER. NEEDS 3/8" HOLE. SURFACE CLEARANCE OF 0" TO 3/8". THERE IS NO ADJUSTING INSTALLATION. DEPTH BY A NUT TWO 3/32" SCREWS ARE NEEDED TO ANCHOR LIGHT. 1 1/2" LONG. LESS BULB. USED.
PILO09 \$.39



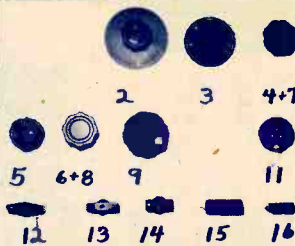
PILOT LIGHT WITH A SINGLE CONTACT, CANDELABRA SCREW BASE. LARGE 1" DIA. RED JEWEL FACETED ONLY AT THE EDGE. REQUIRES 1" HOLE AND HAS SURFACE CLEARANCE OF 0" TO 1/2". 2 3/8" LONG. LESS BULB. UNUSED.
PILO02 \$.59

PILOT LIGHT WITH SINGLE CONTACT, CANDELABRA SCREW TYPE BASE. 1" DIA. RED-FACETED JEWEL. MOUNTS IN 1" HOLE WITH SURFACE CLEARANCE OF 0" TO 1/2". 2 1/2" LONG. LESS BULB, UNUSED.
PILO03 \$.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. 3/8" DIA. SMOOTH. GREEN JEWEL. MOUNTS IN 5/8" HOLE WITH A SURFACE CLEARANCE OF 0" TO 1/2". 2 1/16" LONG. LESS BULB, UNUSED.
PILO04 \$.49

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. 1" DIA. RED, WHITE, OR VIOLET JEWEL. 15/16" HOLE REQUIRED; SURFACE CLEARANCE 0" TO 5/8". 2 1/2" LONG. LESS BULB, USED.
PILO12 \$.35 3/\$1.00

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. 1" DIA. SMOOTH, GREEN JEWEL. MOUNTS IN 15/16" HOLE WITH A SURFACE CLEARANCE OF 0" TO 1/2". 2 3/8" LONG. LESS BULB, UNUSED.
PILOF3 \$.49



FLUTED KNOBS

2-3/8" FLUTED KNOB W/3" SKIRT, BRASS INSERT FOR 1/2" SHAFT. GR#9682 \$1.00

2-3/8" FLUTED KNOB W/2-7/8 SEMI SKIRT, INSERT FOR 1/2" SHAFT. GR#9566 \$1.00

1 1/2" DIA. FLUTED KNOB WITH REMOVABLE 3" DIAL WITH MARKING 34L-0-34R. BRASS INSERT FOR 3/16 DIA. SHAFT. KNB002 \$.25

1" DIA. FLUTED KNOB WITH 2 1/2" NON-LINEAR CALIBRATED DIAL. BRASS INSERT WITH 1/2" DIA. HOLE. KNB003 \$.25

1 1/2" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR 1/2" SHAFT. KNB004 EA \$.25, 5/\$1.00

1 1/2" DIA. FLUTED KNOB WITH SKIRT AND POINTER. BRASS INSERT FOR 1/2" SHAFT. KNB005 \$.25

1 1/2" FLUTED KNOB WITH BRASS INSERT FOR 1/2" SHAFT. KNB006 \$.25

1" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR 1/2" SHAFT. KNB007 \$.25

1" DIA. FLUTED KNOB WITH BRASS INSERT FOR 1/2" SHAFT. KNB008 \$.25

ALL THE ABOVE KNOBS ARE OF SET SCREW TYPE.

SPIN KNOBS

2" DIA. METAL FLUTED SPIN KNOB FOR 5/32" SHAFT. KNB009 \$.79

2 1/2" DIA. SPIN KNOB. METAL. TAKES 3/16" SHAFT. #8089 NEW \$2.00

METAL SPIN KNOB 1 5/8" DIA. TO BE ATTACHED TO ANOTHER KNOB OR DISK BY THREE SCREW. CONVERTS KNOB TO SPIN KNOB. KNB011 \$.20

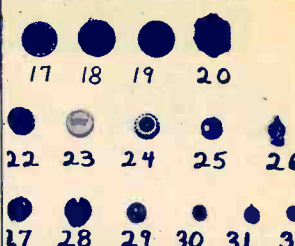
1 1/2" DIA. PLASTIC, FLUTED SPIN KNOB. TAKES 1/2" SHAFT. #0389 NEW \$1.25

1-1/8" DIA. PLASTIC FLUTED KNOB WITH LOCKING DEVICE. BRASS INSERT TAKES 5/16" SHAFT. #4692 NEW \$1.00

1-5/8" DIA. PLASTIC KNOB WITH 2 1/2" DIA. ALUMINUM SKIRT, CALIBRATED 0 TO 10. BRASS INSERT FOR 1/2" SHAFT. #9414 NEW \$1.50

1-1/8" DIA. FLUTED PLASTIC KNOB WITH 1 1/2" DIA. SKIRT. BRASS INSERT FOR 1/2" SHAFT. #9347 NEW \$.50

1" DIA. PLASTIC KNOB WITH 1 1/2" DIA. SKIRT. CALIBRATED ALPHABETICALLY A, B, ... Y, Z. SKIRT ALUMINUM. 1/2" HOLE. #5312 NEW \$.50



BAR TYPE KNOBS

BAR TYPE BAKELITE KNOB FOR 1/2" SHAFT. 1 1/2" x 3/4" x 5/8". SET SCREW TYPE. KNB012 \$.25

BAR TYPE BAKELITE KNOB FOR 1/2" SHAFT WHICH MUST BE TAPED FOR SET SCREW. 1 1/2" x 3/4" x 5/8". KNB013 \$.25

RECTANGULAR BAR TYPE BAKELITE KNOB 1 1/2" x 3/4" x 5/8". WITH BRASS INSERT FOR 1/2" SHAFT. SET SCREW TYPE. KNB014 \$.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR 1/2" SHAFT TAPED FOR SET SCREW. 2 1/2" x 3/4" x 3/4". KNB015 2/\$.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR 1/8" SHAFT TAPED FOR SET SCREW. 1 1/2" x 5/8" x 1/2". KNB016 \$.25

BAKELITE BAR TYPE KNOB 1" x 1/2" x 3/4" ON 1/2" REMOVABLE DIAL FOR 1/2" SHAFT. SET SCREW. KNB017 \$.25

1 1/2" DIA. METAL KNOB FOR 1/2" SHAFT WITH TWO SET SCREWS. FINGER GRIP KNOB FOR HEAVY SWITCHING APPLICATIONS. KNB018 2/\$.35

1 1/2" DIA. PLASTIC KNOB WITH BRASS INSERT. BAR TYPE FINGER GRIP FOR SWITCHING. USE WITH 1/2" SHAFT. KNB019 \$.25

1 1/2" BAKELITE KNOB FOR USE WITH 1/2" SHAFT. USED FOR APPLICATIONS WHERE EXTRA GRIP IS REQUIRED. 1 1/2" HIGH. KNB020 \$.25EA, 5/\$1.00

3/4" RIBBED KNOB 7/8" DEEP 1" SKIRT FOR 1/2" SHAFT DULL BLK. KNB7820 35¢

5/8" x 3/4" SAME AS ABOVE BRIGHT BLK. KNB1261 20¢

BAKELITE INSTRUMENT KNOB 1" DIA. 1" HIGH. BRASS INSERT FOR 1/2" SHAFT AND SET SCREW. KNB022 \$.25

1 1/2" KNOB MARKED "INCREASED OUTPUT". 1/2" HOLE WITH SET SCREW. 3/8" THICK. METAL. KNB023 \$.25

1 1/2" PUSH-ON KNOB FOR 1/2" SHAFT. W/MODIFICATION, BROWN KNB024 2/\$.25

BROWN BAKELITE 1" DIA. KNOB KURLED SHAFT OF 1/2". 1 1/2" HIGH. KNB025 2/\$.25

BAKELITE POINTER KNOB WITH BRASS INSERT FOR 1/2" SHAFT. 1 1/2" x 1" x 3/4". KNB026 \$.25

FLUTED KNOB W/POINTER AND SKIRT FITS 1/2" SHAFT. 1 1/8" DIA. 3/8" THICK. KNB027 \$.25

1 1/2" DIA. KNOTCHED KNOB WITH BRASS INSERT FITS 1/2" SHAFT. SET SCREW TYPE. 3/8" HIGH. KNB028 3/\$.25

MINIATURE LAMPS

STK#	TYPE	V.	A.	BASE	BULB	EA.	PKG. 10
225950	LM-50	2	.25	min sc	G-6	.20	.75
225950	511	?	.25	min sc	G-6	.20	.75
6B521	LM-21	110	400	MED. SC	G-30	.50	4.00
(LM-21 P/O SIGNAL LAMP EQUIPMENT EE-80)							
6240-6594	LM-41	110	6W	CAN SC	#B	.20	1.50
225877-29		6.8	.25	CAN- SC	G-6	.20	.75
225878	43	2.5	.5	min bay	T-3 1/2	.20	.75
8870-775		150		CAN/SC	6S6 CL	.20	1.00
225954	LM-54	105-125		LEADS	T-2	.20	.75
6240-155		-7866	356	28	.17 min bay	T-3 1/2	.20
6240-153		-6509	1826	18	.15 min bay	T-3 1/2	.25
626812-5	LM-45	12-16	.61	CAN/BAY	G-6	.20	.75
6240-7125	S-14	55	5W	MED SC	S-14	.25	2.00
DE EVRY494	(RED)	125	25W	CAN SC	T-6	.25	2.00
225889-11	NE-26	115v.		cand bay	G-6	.35	3.00
626812-5	LM-44	6-8v.		dc bay	G-6	.20	.75
PC90615C		12		MIN SC	G-3 1/2	.15	.75
6240-408		-3394	356/5	115v.	dc bay	T-4 1/2	.25
		502	5	.15	#4F cell min sc	.20	.75
626812-6	STANDARD LAMP	12 VOLT	FROSTED			.35	3.00
	PR-10	6	.5	#5D cell min bay		.20	.75
225882		18v.	.11A.	MIN. SC.	T-3 1/2	.20	1.00
225891	NE-34	105-125	2W	STAND. SC.	S-14	.75	EA.
	(NE-34 STRIKING V. 60 AC TO 85DC INT. RES.3500)						
626827	LM-30	27		CAND BAY	T-8	.20	1.00
	NE-2	1/17 amp	2F	slide base		.10	.75
4C5491-K1				K1	slide base	.10	.75

MICROWAVE GENERATOR



TS-147/UP MICROWAVE SIGNAL GENERATOR

PORTABLE UNIT DESIGNED TO TEST AND ADJUST RADAR, BEACON AND MICROWAVE COMMUNICATION SYSTEMS OPERATING IN THE FREQUENCY RANGE OF 8500 TO 9600 MC. PROVIDES EITHER FM OR CW TEST SIGNALS OF KNOWN POWER LEVEL AND FREQUENCY. THIS UNIT CONTAINS A DIRECT READING FREQUENCY METER AND POWER LEVEL METER WITH POWER REFERENCED TO ONE MILLIWATT (DBM). USED TO MEASURE FREQ. AND POWER LEVEL OF THE INPUT AND OUTPUT SIGNALS. SPECTRUM WIDTH, FREQ. CHANGE, RECOVERY TIME AND STANDING WAVE RATIO. CAN ALSO BE MODULATED EXTERNALLY. OPERATES FROM 115 VOLT 50-1600 CYCLES. LESS CABLES, PLUGS, ADAPTER, PICK-UP HORN. SIZE: 11 $\frac{1}{2}$ "x18 $\frac{1}{2}$ "x12 $\frac{1}{2}$ "; WT: 35 LBS.

TS-147A/UP.....\$49.50 USED
 TS-147B/UP.....60.00 USED
 TS-147D/UP.....75.00 USED



GENERAL RADIO SIGNAL GENERATOR MODEL 1021

250-920 MC IN ONE BAND, DIRECT READING CALIBRATION 1%, OUTPUT VOLTAGE CONT. ADJ. .5 TO 1 VOLT OPEN CIRCUIT. OUTPUT IMP. 50 OHMS 10%, AMPLITUDE MOD. ADJ. 0-50%, ENV. DIST. LESS THAN 5% AT 50% MOD., CARRIER NOISE LEVEL .2% MOD. STRAY FIELD LEAKAGE AND RESIDUAL OUTPUT VOLTAGE CANNOT BE DETECTED WITH A RECEIVER. 2-3 MV SENSITIVITY. POWER REQUIRED: 115/230 VOLT, 50-60CY. SIZE: 20 $\frac{1}{2}$ "x14 $\frac{1}{2}$ "x10 $\frac{1}{2}$ "; WT: 40 LBS. COND. USED PRICE: \$150.00 CHECKED FOR OPERATION \$25 EX.



GENERAL RADIO STANDARD INDUCTOR #1482H 10 MH -0.1%, RESONANT FREQ. 240 KC, 8.3 OHMS DC RESISTANCE, MILLIAMPERES RMS 200 MW 104, 3" W. 400, SIZE 6 $\frac{3}{8}$ "x8"; WT: 12 LBS. PRICE: \$20.00 UNUSED

TS-170/ARN-5 TEST OSCILLATOR USED FOR PRE-FLIGHT CHECKING OF GLIDE PATH RECEIVERS SENSITIVITY AND AUDIO CHANNELS. CRYSTAL CONTROLLED ON THREE PRESELECTED FREQ. 332.6, 333.8 335 MC. MODULATION FREQ. 90 & 150 CYC. METER IS 2" 0-1 DC MILLIAMETER. BATTERIES REQUIRED 2/1.5 VDC AND 2/45 VDC. WT: 29 LBS. SIZE: 12x16x12; USED \$18.95



ME-6D/U V.T.V.M.



ME-6D/U ELECTRONIC MULTIMETER THIS IS A HIGHLY SENSITIVE VTVM WHICH ACCURATELY MEASURES AC VOLTAGES FROM 500 MICROVOLTS TO 500 VOLTS IN SIX RANGES OVER THE FREQ. RANGE OF 15 CYCLES TO 250 KC PER SEC. THE DECIBEL RANGE IS -5 TO +17, A JACK IS PROVIDED TO INSERT PHONE PLUG SO UNIT CAN BE USED AS A FLAT WIDE-BAND AMPLIFIER. MAX. VOLT GAIN APPROX. 4500, RECT. APPROX. 250 VDC. TUBES 5879, 572E, 0A2, 2A12 & 2/6AH6, VOLTAGE REQ. 117 v. 50-400 CYCLE. ACCURACY 3% SIZE: 5 $\frac{1}{2}$ "x6 $\frac{1}{2}$ "x11 $\frac{1}{2}$ "; WT: 12 LBS. USED \$29.95

ATTENUATORS

MX-1309/URM-23 POWER MEASURING; KIT OF WAVEGUIDE ATTENUATORS, ADAPTER, BALOMETER, CABLE & CHART, 1000 TO 4000 MC.
 ATTENUATOR CN-110/U 10 DB
 " CN-111/U 20 DB (2pc)
 " CN-168/U 3 DB
 " CN-169/U 6 DB
 RF BALOMETER DT-76/U, "N" CON
 ADAPTER CONN. UG-402/U
 COAXIAL CABLE CG-92B/U w/UG-21 EA. END.
 METAL CARRYING CASE, FITTED, SIZE: 19x5 $\frac{1}{2}$ "x14; WT: 32 LBS. COMPLETE SET \$18.95



BC-221



FREQUENCY METER

THIS IS A SIMPLE ACCURATE AND RELIABLE CRYSTAL CALIBRATED FREQUENCY INDICATING INSTRUMENT FOR USE IN THE 125 TO 20,000 KC RANGE, WITH A NORMAL OPERATING ACCURACY OF LESS THAN .02%. CAN ALSO BE USED AS A SIGNAL GENERATOR OR VARIABLE FREQ. OSCILLATOR.

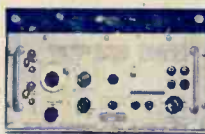
OPERATING VOLTAGE REQUIRED FOR DRY CELL OPERATION 6 VDC .9 AMP. & 135 VDC 20 MA. SIZE: 10x13 $\frac{1}{2}$ "x10; WT: 25 LBS.

UNITS MAY BE IN WOOD OR METAL CASES. VARIOUS LETTERS, COMPLETE WITH TUBES, CRYSTAL, ORIGINAL CALIBRATION BOOK. USED SERVICEABLE \$65.

PRICE: USED CHECKED FOR OPERATION \$75.00 BC-221 CHKD. WITH MODULATION 95.00

BC-221 FREQUENCY METER LESS CALIBRATION BOOK NOT CHECKED FOR OPERATION, OTHERWISE COMPLETE PRICE: \$45.00

CALIBRATOR



TS-102B/AP CALIBRATOR

RANGE CALIBRATOR PORTABLE PULSE GENERATOR WITH REPE- TITION FREQ. OF 400, 800, 1600, 2000, & 4000, MARKER AND SYNCHRONIZING PULSE, VARIABLE DELAY LINE PHASE ADJUSTMENT. OPERATES FROM

115 V. 50-1000 CYCLES WITH TUBES 2/6X4W, 3/6AG7, 6/5814, 2/UG273/U CONN. 4 CABLES W/UG-88B/U. SIZE: 16x10x11; WT: 28 LBS. PRICE: UNUSED \$14.95

LORAN TEST SET



TS-251 LORAN TEST SET PORTABLE SIGNAL GENERATOR USED IN PRE-FLIGHT AND SHIPBOARD CHECKING OF LONG RANGE LORAN RECEIVERS. FREQUENCY RANGE 1700 TO 2010 KC PULSE SIGNAL. WITH TUBE 6J5, 6SN7, 6XK7, 6SL7, 6X5

AND 6SN7. POWER REQ. 80/115/230 V. 50-1600CY. SIZE: 7 $\frac{1}{2}$ "x11 $\frac{1}{2}$ "x10 $\frac{1}{2}$ "; WT: 30 LBS. PRICE: USED SERVICEABLE \$50.00 CHECKED \$60.

DIODE CRYSTAL CHECKER



390A-3 TEST SET CRYSTAL CHECKER FOR CERAMIC CARTRIDGE AND COAXIAL TYPES WITH NORMAL AND REVERSED POLARITIES. MINIMUM CONVERSION LOSS CAN BE PREDICTED FROM THE STATIC VOLTAGE CURRENT CURVE OF THE CRYSTAL, THEREFORE A TWO POINT DC MEASUREMENT OF VOLTAGES IS MADE OF THE CRYSTAL UNDER TEST AND THE RESULTANT DIFFERENCE IN CURRENT CALIBRATED IN MINIMUM AVAIL. CONVERSION LOSS. IN THE CALIBRATE POS. AND VARYING CONTROL ESTABLISHES THE

VOLTAGE CURRENT CURVE, IN THE TEST POS. SHOWS THE INDICATED CURRENT ON THE CALIBRATED METER AS A FUNCTION OF THE MINIMUM AVAIL. CONVERSION LOSS. POWER SUPPLY ONE 1.5 VOLT BATTERY. SIZE: 6x8x5 $\frac{1}{2}$ "; WT: 5 LBS. PRICE: USED \$9.95

TIME MARK GENERATOR



TEKTRONIC 180-S2 TIME MARK GENERATOR DESIGNED TO PROVIDE ACCURATE TIME MARKERS WHICH CAN BE DISPLAYED ON A OSCILLOSCOPE FOR CALIBRATING SWEEP SPEEDS AND FOR COMPARISON OF TIME MEASUREMENTS. MICROSEC. MARKERS AT INTERVALS OF 1,5,10,50,100 AND 500 MILLISEC. MARKERS AT INTERVALS OF 2.5,5,10,50,100 AND

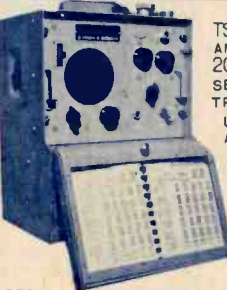
500 ALSO A 1 SECOND MARKER. SINE WAVES OF 5 MC, 10 MC, 50 MC. THE MARKERS ARE AVAILABLE INDIVIDUALLY OR ALL AT ONE TIME. POWER REQUIRED 115 VOLT 60 CYCLE. USED SIZE: 10x16 $\frac{1}{2}$ "x14; WT: 50 LBS. SERVICEABLE \$60

TS-382 AUDIO OSCILLATOR



TS-382 AUDIO OSCILLATOR FREQUENCY RANGE 20 TO 200,000 CPS IN FOUR BANDS, OUTPUT IMP. 1000 OHMS, AMPLITUDES CONTINUOUS VARIABLE 0-10 VOLTS, FREQ. RESPONSE 20 CPS. TO 150,000 CPS. APPROX. \pm 1 DB, FREQ. ACCURACY \pm 6%, STABILITY \pm 2%, HUM 60 DB BELOW RATED OUTPUT, ATTENUATOR ACCURACY 3% EXCEPT 10 MICRO. V. +2 OR -3 MICROVOLTS. POWER INPUT 115 V. 50-1600 CYC. OUTPUT 100 MW. WITH NINE TUBES, CALIBRATED TUNING DIAL, FREQ. RANGE SWITCH, OUTPUT LEVEL CONT. OUTPUT LEVEL ATTENUATOR, SIGNAL INPUT AND OUTPUT JACK, OUTPUT LEVEL METER, VIBRATING REED-TYPE METER USED AS A ACCURATE CHECK OF THE OSC. CALIBRATION SIZE: 18 $\frac{1}{2}$ "x10x12 $\frac{1}{2}$ "; WT: SHPG. 75 LBS. PRICE: USED SERVICEABLE \$75.00 CHECKED \$85.00

TS-323/UR FREQUENCY METER AND CRYSTAL CALIBRATOR, 20 TO 480 MC. PORTABLE SELF-CONTAINED CRYSTAL CONTROLLED HETERODYNE TYPE USED FOR TESTING CW, MCW AND PULSED SIGNALS. FUNDAMENTAL FREQ. RANGE 20 TO 40 MC. ACCURACY .005%, AUDIO 20 MW AT CHECK PTS. RADIO FREQ. OUTPUT 50-1000 mv. SENSITIVITY 50M MV SIG. GIVES AUDIO BEAT NOTE OUTPUT OF 10 MW. RANGE 2500 TO 500 MV. POWER REQUIRED 2 DRY BATTERY BA-203 (6 voc) AND 3 BA-59 (45 vdc). SIZE: 15x12x10 WT: 35 LBS. PRICE: USED SERVICEABLE \$60.00 CHECKED \$75.00 115 VOLT 60 CYCLE POWER SUPPLY \$24.95



TV-2/U DYNAMIC MUTUAL CONDUCTANCE ELECTRONIC TUBE TESTER FOR PORTABLE USE. GOVERNMENT SURPLUS UNIT USED TO TEST AND MEASURE PERFORMANCE CAPABILITIES AND TO DETERMINE REJECTION LIMITS FOR ELECTRON TUBES USED IN RECEIVERS, LOW-POWERED TRANSMITTERS AND OTHER ELECTRONIC EQUIPMENT. HAS PROVISIONS FOR CHECKING TUBES UP TO 9 PINS INCLUDING ACORN, NOVAL, 7 PIN TRANS., ETC. METERS 2 $\frac{1}{2}$ " FOR READING FILAMENT, GRID, PLATE, SCREEN, SIGNAL AND TRANSCONDUCTANCE (PERCENT QUALITY) WHICH IS 10,000 OHMS PER VOLT. ALL THE IMPORTANT TESTS CAN BE MADE ON THIS UNIT AND IT WILL ALSO TEST TUBES UNDER THE ACTUAL OPERATING CONDITIONS BY SETTING THE PROPER VOLTAGES THAT ARE INDICATED ON THE METERS. POWER REQUIRED: 103 TO 126V.; 50 TO 1600 CYCLES. SIZE: 17 $\frac{1}{2}$ "x16 $\frac{1}{2}$ "x8 $\frac{1}{2}$; SHPG. WT: 45 LBS. PRICE: USED SERVICEABLE \$55.00; CHECKED \$65.00



WAVE METER SCOPE OSCILLATOR AN/UPM-1 WAVEMETER-OSCILLATOR SCOPE RADAR TEST UNIT FOR 155-235MC AND 460-570MC CONTAINS PULSE AND SWEEP GENERATOR VIDEO AMP. 3" OSCILLOSCOPE, TWO WAVEMETER TWO OSCILLATORS. POWER REQUIREMENTS: 80, 115 OR 230 VOLTS AC. 60-1000 CYCLES. SIZE: 30x21x24 WT: 150 LBS. USED \$39.50 DIPOLE ANTENNA FOR AN/UPM-1 USED \$9.95

WAVE METER SCOPE OSCILLATOR

AN/UPM-1 WAVEMETER-OSCILLATOR SCOPE RADAR TEST UNIT FOR 155-235MC AND 460-570MC CONTAINS PULSE AND SWEEP GENERATOR VIDEO AMP. 3" OSCILLOSCOPE, TWO WAVEMETER TWO OSCILLATORS. POWER REQUIREMENTS: 80, 115 OR 230 VOLTS AC. 60-1000 CYCLES. SIZE: 30x21x24 WT: 150 LBS. USED \$39.50 DIPOLE ANTENNA FOR AN/UPM-1 USED \$9.95

FREQUENCY POWER METER

FREQUENCY POWER METER ME-51/UP FREQUENCY COUNTER 1100-3999. CALIBRATED TO FREQUENCY 3100 MC TO 3500 MC. HAS 0-1.5 MA; 0-25MW METER. WITH CABLES, IN METAL CARRYING CASE. SIZE: 8 $\frac{1}{2}$ "x9 $\frac{1}{2}$ "x9 $\frac{1}{2}$ "; WT: 18 LBS. USED \$15.00



AUTOMOTIVE

STARTER - REGULATOR

VOLTMETER-AMMETER FOR TESTING BATTERY STARTER AND REGULATOR MODEL# 307-A

VOLTMETER HAS 3 SCALES 0-9, 0-18 AND 0-45 VOLTS D.C.

SPECIAL SELECTOR SWITCH FOR MAKING RESISTANCE TESTS USING THE 9/10 SC. AMMETER SCALE MINUS 10-0-100 AMPERE THROUGH A BUILT-IN SHUNT CONNECTED IN THE TEST LEADS.

LOAD SWITCH IS USED TO CONNECT THE LOAD IN OR OUT OF THE CIRCUIT.

LOAD CONTROL CONSISTS OF VARIABLE PILE PLATES WHICH BY COMPRESSION PUTS A LOAD ON THE OUTPUT OF THE GENERATOR-STARTER CIRCUIT.

A FIELD RHEOSTAT IS USED TO CONTROL THE GENERATOR FIELD CIRCUIT FOR CERTAIN TYPE UNITS. TWO LARGE 4 1/2" METERS WITH 2% ACCURACY, 500 MICROAMP. MOVEMENTS, CHROME AND SATIN FINISH.



WITH TEST LEADS AND INSTRUCTIONS. SIZE: 13x5x5; WT: 13 LBS. PRICE: \$24.50

COIL - CONDENSER TESTER

COMBINATION COIL AND CONDENSER TESTER WITH OHMMETER MODEL#332.

DESIGNED TO MAKE COMPLETE ANALYSIS OF COILS AND CONDENSERS IN AUTOMOBILE ENGINES USING FACTORY STANDARDS AND TEST METHODS.

PRECISION VIBRATOR APPLIES THE NORMAL CURRENT TO THE COIL AT THE PROPER DWELL. ANY BREAKDOWN OF THE OF THE INSULATION IS SHOWN ON THE METER BY IRREGULAR OR LOW READING AN ELECTRONIC CIRCUIT CHECKS CONDENSERS FOR ACTUAL CAPACITY, LEAKAGE SERIES RESISTANCE. THE LAST TWO

TESTS WILL INDICATE CONDENSERS THAT WILL NEED REPLACING.

A 100,000 OHMMETER RANGE IS ALSO PROVIDED ON THE 4 1/2" CHROME AND SATIN FINISHED METER THAT HAS A LABORATORY ACCURACY OF WITHIN 2%.

UNIT OPERATES FROM 6/12 VDC, WITH TUBES 1/0A2 1/12AU7 & 1/6X4 ALSO TEST LEADS, w/INSTRUCTIVE CABINET SIZE 14x5x6; WT: 10 LBS.

PRICE: \$14.95



VACUUM CONTROL

PRECISION VACUUM CONTROL #348

DESIGNED TO CHECK AND ADJUST DISTRIBUTOR VACUUM ADVANCE ON THE CAR WHEN USED WITH ELECTRONIC IGNITION ANALYZER. CAN ALSO BE USED TO DETERMINE ENGINE PERFORMANCE BY VACUUM READINGS AND GAUGE READINGS REFLECTING ON ENGINE OPERATING CONDITIONS.

DISTRIBUTOR AND MANIFOLD VACUUM CONTROLS ARE PROVIDED WITH SELECTOR SWITCH.

THE 3" GAUGE READS IN INCHES OF MERCURY AND THE CONCENTRIC SCALE READS 0-10 ON THE FIRST REVELUTION AND FROM 10-24 INCHES OF VACUUM ON THE SECOND. ZERO ADJUSTING CONTROL PROVIDED. ALSO TEST LEADS AND INSTRUCTIONS. SIZE: 13x5x5; WT: 5 LBS. PRICE: \$9.95



TACHOMETER - VOLTMETER

DYNA-VISION ACCESSORY UNIT#337 COMBINATION TACH-VOLTMETER.

TACH RANGES 0-1000 AND 0-5000 R.P.M. VOLT RANGE 0-18 VDC. USED FOR CHECKING R.P.M. AND LOW VOLTAGE CIRCUIT OF AUTO ENGINES, ALSO PROVISIONS FOR PLUGGING IN TIMING LIGHT.

METER IS 4 1/2" CHROME AND SATIN FINISH WITH 500 MICROAMP. MOVEMENT.

OPERATES FROM 6/12 VDC WITH TUBES 1/0A-2 & 1/2D21.

SIZE: 13x5x5; WT: 8 LBS.

PRICE: \$19.95



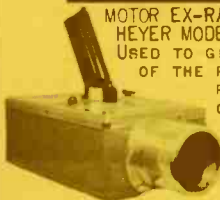
IGNITION SCOPE

MOTOR EX-RAY IGNITION OSCILLOSCOPE HEYER MODEL 326-A 115 VOLT 60 CYC

USED TO GIVE A VISUAL INDICATION OF THE PERFORMANCE OF SPARK PLUGS, COIL AND DISTRIBUTOR OR ON A 3" CATHODE RAY TUBE #SG-2732. SELECTOR SWITCH FOR 16 KV & 32 KV PATTERN CONTROL KNOB AT HANDLE, 9' 3 PRONG LINE CORD, 5' TEST LEADS.

SOLD AS USED, LESS CR TUBE SG-2732 AND NO GUARANTEE AS TO OPERATION. (DO NOT KNOW SUB) SIZE: 13x6x4 LESS HANDLE. WT: 8 LBS.

PRICE: \$5.95



IGNITION - TESTER

METER IGNITION TESTER MODEL# 327 LARGE 4 1/2" METER WITH 500 MICROAMP

0-30 SCALE ALSO MARKED LOW, AVERAGE FOR CHECKING IGNITION SYSTEMS.

SELECTOR SWITCH FOR CURRENT AND VOLTAGE READINGS ALSO TEST LEADS.

WITH OPERATING INSTRUCTIONS. CHROME MIRRORRED FACE WITH BLACK AND GREY SATIN FINISH.

THIS EQUIPMENT IS KNOWN AS THE CHROME-LINE OF HEYER-MARQUETTE.

SIZE: 11x6x4; WT: 8 LBS.

PRICE: \$14.95



BATTERY ANALYZER

HEYER 12 VOLT OVER-ALL BATTERY ANALYZER MODEL 12 BT

FOUR STEP BATTERY ANALYZER WITH LARGE 4 1/2" METER AND HEAVY CABLES WITH SURE-GRIP CLAMPS.

BATTERY SIZE ADJUSTMENT SWITCH FOR SMALL 30-40 APH, MEDIUM 50-60 APH AND LARGE 70-80 APH BATT.

BATTERY LOAD SWITCH, BATTERY CHARGE SWITCH & BATTERY CONDITION SWITCH FOR MAKING THE REQUIRED TESTS WHICH IS INTERPERTED ON THE APPROPRIATE SCALE OF THE METER

SIZE: 11 1/2x6x6; WT: 12 LBS. w/INSTR.

PRICE: \$19.95



BATTERY TESTER

ATLAS SAFETY-CHARGE BATTERY TESTER MODEL PSC-1-TRG FOR 6 OR 12 VOLTS.

LARGE 4" METER FOR EASY READING OF BATTERY CONDITION, SHOWS IF BATT. IS SERVICEABLE, NEEDS RE-CHARGING OR REPLACEMENT ALSO INDICATES CHARGING VOLTAGE, LOW, NORMAL OR HIGH.

THIRTY SIX INCH CABLE AND TEST PROBE FOR CHECKING EACH CELL.

RUGGEDIZED PLASTIC METER CASE AND UNBREAKABLE PLASTIC METER FACE. SIZE: 4 1/2x4x3; WT: 3 LBS. w/INSTRUCTION

PRICE: \$3.95



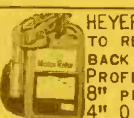
DYNA-VISION ACCESSORY UNIT HEYER 336 TWO 4 1/2" METER 500 MICROAMP MOVEMENT.

TOP METER IS FOR CHECKING VOLTS-RPM WITH SELECTOR SWITCH FOR THE 3 SCALES 0-18, 0-1000 & 0-5000. LOWER METER IS FOR SPARK ADVANCE ALSO HAS SELECTOR SW. AND PLUG FOR TRANSDUCER PICK-UP.

USES TUBES 6AL5, 6AU6, 5696, 2D21 AND 2/0A2. SIZE: 13x5x5; WT: 13 LBS.

SOLD AS USED, NO GUARANTEE AS TO OPERATION FOR IT'S INTENDED USE.

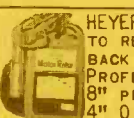
PRICE: WITH TUBES \$13.95 LESS TUBES \$9.95



HEYER MOTOR-RATOR TIMING LIGHT. USED TO RESET AUTOMOBILE ENGINE TIMING BACK TO MANUFACTURER'S SPECIFICATIONS.

PROFESSIONAL QUALITY UNIT INCLUDES 8" PROBE WITH BRILLIANT XENON LAMP, 4" 0 TO 1000 RPM TACHOMETER, 5 FT GROUND, 15 FT 110 VOLT AC LEAD. SOLD WITHOUT GUARANTEE TO OPERATION; SERVICEABLE.

SIZE: 9 1/2x6x1 1/2 WT: 7 LBS. PRICE: \$12.95



TRANSCEIVER

BC-645/ABA-1 TRANSCEIVER ARMY-NAVY-AIR FORCE TRANSDER USED FOR FREIND OR FOE IDENTIFICATION IN THE 460-490 MC BAND. COMPLETE WITH TUBES 4/7F7, 4/7H7, 2/7E6, 2/6F6, 2/955 & 1/316.

SIZE: 11x6 1/2x14; WT: 20 LBS.

BC-645/ABA-1 Receiver-Transmitter N MOUNTING FOR " " 1.50

BC-646 CONTROL BOX 1.95

MOUNTING FOR BC-646 CONTROL BOX. 1.00

PE-101 DYNAMOTOR 12/13-24/26 vdc; 12.6/

6.3 AMPS. OUTPUT 400 VDC @ 135 MA

800 VDC @ 20 MA. 9V 80CYC. 1.12A.

SIZE: 14x7x5; WT: 13 LBS. NEW 7.95

UHF ANTENNAS 2 PER SET 1.95

PLUGS COMPLETE SET \$4.95 INDIVIDUAL 1.50

COMPLETE SET OF ALL ITEMS DESCRIBED ABOVE ALL BRAND NEW \$29.95

THOUSANDS OF THESE SETS HAVE BEEN SOLD FOR CONVERSION TO THE 460-470 & 470-500 MC BANDS.

RESCUE TRANS ACCESSORIES

M-357/CRT-3 BOX KITE, COLLAPSIBLE TWO PIECE, MEASURES 17x17x36 INCHES WHEN ASSEMBLED AND IS USED TO RAISE THE ANTENNA OF THE CRT-3 RESCUE TRANSMITTER WHEN A WIND IS BLOWING IN VELOCITIES OF FROM 7 TO 40 MILES PER HOUR.

THE CLOTH OF THE KITE IS MOISTURE-REPELLENT AND THE FRAME IS ALUMINUM. INSTRUCTIONS FOR ASSEMBLY AND USE ARE PRINTED ON THE CLOTH.

COLLAPSED SIZE 19x4; WT: 2 LBS.

PRICE: \$4.95



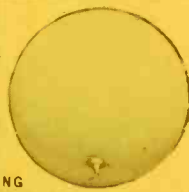
M-278 BALLOON; USED TO RAISE THE ANTENNA OF THE CRT-3

RESCUE TRANSMITTER WHEN LACK OF WIND DOES NOT PERMIT THE USE OF THE M-357 KITE. THE

BALLOON IS MADE OF NEOPRENE AND SUPPLIED IN A CAN WITH A KEY FOR OPENING. WHEN INFLATED BY MEANS OF THE HYDROGEN GENERATOR AND INFLATING

TUBE, DESCRIBED BELOW, THE DIAMETER WILL BE OVER 4 FEET. HAS 2 CORD LOOPS FOR ATTACHING ANTENNA AND RUBBER GORK STOPPER. SHPG. WT: 2 LBS.

PRICE: \$4.95



M-278 BALLOON WITH M-315 HYDROGEN GENERATOR AND INFLATING TUBE.....\$10.00

M-315 HYDROGEN GENERATOR; USED TO INFLATE THE M-278 BALLOON. COMES IN A STEEL CYLINDER FILLED WITH LITHIUM HYDRIDE; OPERATED BY IMMERSION IN WATER; KEY AND TONGUE ON EACH END FOR OPENING CYLINDER

REQUIRES INFLATING TUBE FOR USE WITH BALLOON.

SHPG. WT: 8 LBS.



M-315 HYDROGEN GENERATOR ONLY..... \$6.95

M-315 " INFLATING TUBE 1.50

W-147/CRT-3 ANTENNA WIRE; CAESIUM-COPPER ALLOY 16 STRANDS X .040 MAX. DIA. 65 LB. TEST 306 FT. LG. WOUND ON SPOOL 2 1/2x2 1/2. SHPG. WT: 1 LB \$2.95

M-308 SIGNAL LAMP LIGHT ASSEMBLY; 24 VOLT LAMP IN BAKELITE BASE WITH CLEAR POLYSTYRENE SHIELD WITH WEB STRAPS FOR STRAPPING TO HEAD. SIZE 3x2 1/2 w/95" GORD FOR PLUGGING INTO TRANS. 4 oz. \$1.50

M-390 PARACHUTE; YELLOW NYLON 12 FT. DIAMETER, 40 LB. CAPACITY, 16 NYLON SHROUDS 11 FT. LG. USED TO DROP RESCUE TRANSMITTER AND ACCESSORIES. UNUSED. NOT IN DROP PACK. SHPG. WT: 2 \$9.95

T-74/CRT-3 TRANSMITTER WITH ACCESSORIES \$75

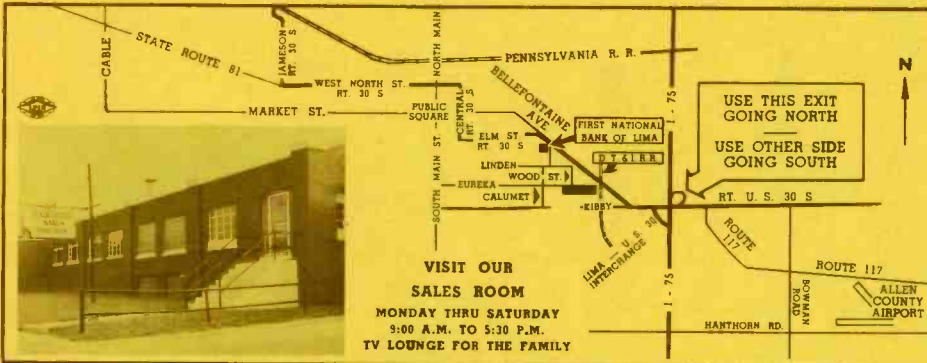
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**GOD IS JUST
 A PRAYER AWAY**



RECEIVER-TRANSMITTER



RT-178/ARC-27 RECEIVER-TRANSMITTER, AM 225 to 399.9 MC DN 1750 CHANNELS 100 KC. APART ALSO A SEPARATE GUARD CHANNEL RECEIVER FOR OPERATION IN THE 238 to 248 MC. BAND. REC/TRANS. CAN BE PRE-SET ON ANY 18 CHANNELS IN THE RANGE BY PROPER SELECTION OF CRYSTALS (CR-23)

THE SET HAS PLUG-IN TYPE SUBASSEMBLIES CONSISTING OF GUARD REC, SPECTRUM AMPL, R.F. POWER AMPL, BIAS RELAY ASSY, MECH. DRIVE ASSY, MODULATOR, SPECTRUM OSCILL, MAIN REC. ASSY, I.F. AND AUDIO, 20-30 MC I.F. AMP. WITH CRYSTAL SEC. DYNAMOTOR AND BLOWER. POWER REQ. 27.5VDC 25 A UNIT COMES WITH 56 TUBES AND IS USED SERVICEABLE. SIZE: 27 1/2 x 11 1/2 x 12 1/2; WT: 85 LBS. \$75.00

GUARD RECEIVER AS USED IN RT-178/ARC-27, COVERS FREQ. OF 238 TO 248 MC. SINGLE CHANNEL WITH AUDIO OUTPUT IS COUPLED TO THE MAIN SET, DUAL CONVERSION 19.4 MC 1ST I.F. 3.45 FINAL I.F. WITH R.F. GAIN CONT. AND SQUELCH CIR. WITH TUBES 5/12AT7, 1/6AK5, 1/6AG5, 2/6BA6 & 2/6AL5. SIZE: 8 x 4 x 4; WT: 4 LBS. P/T# 504-9780-005 PRICE: USED \$7.95 STK#5821-505-3684

20-30 MC IF AMPLIFIER WITH CRYSTAL MOUNTING AND SELECTION SWITCH. THE CRYSTAL MOUNTING IS FOR 10 CR-23/U CRYSTAL HOLDERS, THE CRYSTAL SWITCH IS OPERATED IN CONJUNCTION WITH THE SLUG TUNED COILS AND A SCREWDRIVER IS USED FOR THIS PURPOSE. WITH TUBES 6/6AG5 AND 1/12AT7. #5821-505-3296 SIZE: 7 1/2 x 4 x 3 1/2; 4 LBS. USED \$6.95

I.F. AND AUDIO AMPLIFIER AS USED IN ARC-27. THE 5.7-4.8 MC I-F AMP. FOR THE RECEIVER AND TRANSMITTER ARE TWO SEPARATE SECTIONS WITH 3.45 MC I.F. TO THE DETECTOR AND AVC GATE ALSO SQUELCH/AUDIO AND AUDIO AMP. SECTIONS. WITH TUBES 7/6BA6, 6/12AT7, 1/6AG5 AND 2/6AL5. SIZE: 8 1/2 x 5 1/2 x 4; WT: 5 LBS. P/T#505-0317-036 PRICE: USED \$8.95

POWER AMPLIFIER FOR ARC-27 USING 2C39A OUTPUT TUBE DRIVEN BY A 2C39I WHICH IN TURN IS DRIVEN BY A 2C43. THE LATTER IS DRIVEN BY THE OUTPUT OF THE TRANS. PRE-AMPL. WHICH IS NOT PART OF THIS SUB-ASSY. WITH 2/2C39A AND 1/2C43 TUBES. STK#5821-553-4602 USED \$14.95

EACH OF THE ABOVE ARC-27 ARE PLUG-IN TYPES

MATCHING CONNECTORS TO FIT ARC-27 PLUG-IN SUB-ASSEMBLIES ARE AVAILABLE AT \$1.00 EACH SCHEMATICS FOR ARC-27 SUB-ASSEMBLIES \$1

LATE ITEMS

R-322/ARN-18	RECEIVER	USED	\$34.95
R-539/ARN-14B	"	"	\$29.95
R-625/ARN-31	"	"	\$16.95
R-886/ARR-60	"	"	\$16.95
R-277/APN-70	"	"	\$95.00
T-464/ALT-7	TRANSMITTER	"	\$29.95
T-608/ALT-6	"	LESS OSC. SEC.	\$85.00
PP-1533/ALT-6	POWER SUPPLY	"	\$50.00



ALPHA-NUMERIC NIXIE TUBES 15 SEGMENT NIXIES CREATE ALPHABET AND NUMBERS 0-9 IN A SINGLE TUBE. 2 1/2" CHARACTERS MAKE FOR UNUSUAL DISPLAY EFFECTS. 170 VOLTS REQUIRED. W/INSTRUCTION CHART. TUBE SIZE: 2x4 1/2 IN. #7971 \$2.95 EA. 10/\$25.00 SOCKETS FOR #7971 \$.50 EA. EXTRA OPERATIONS CHART \$.50



5 CENTS AND LESS TRANSISTORS

PICTURE SAMPLE TYPE

LARGE PRINTED CIRCUIT BOARDS WITH TRANSISTORS, INTEGRATED CIRCUITS SEMICONDUCTORS, RESISTORS, COND. DIODES ETC. BOARD SIZE 4 1/2 x 9, APPROX. 6 OZ. PRICE: 5¢ EACH TRANSISTOR 60 FOR \$3 125 FOR \$5; 300 FOR \$10.00 ORDER "SANDY'S TRANSISTOR SPECIAL"

CODE PRACTICE SET TAPES



TG-34 KEYER: CODE PRACTICE SET USED TO REPRODUCE SIGNALS PREVIOUSLY RECORDED ON INKED PAPER TAPE, VARIABLE SPEED MOTOR, KEYING OSCILLATOR WITH SPEAKER, PHONE & KEY JACKS. POWER REQUIRED 115 V. 50/60 CYCLE. SUPPLIED WITH ONE ONE EMPTY REEL. (PHOTO SHOWS REEL OF TAPE AS ILLUSTRATION ONLY.) COMES IN WOOD PORTABLE CARRYING CASE, SIZE 15x10x10; WT: 40 LBS.

PRICE: SERVICEABLE \$24.95 CHECKED... \$29.50

CODE PRACTICE TAPES: MADE ESPECIALLY FOR THE TG-34 KEYER, SAME GROUPINGS AND SPEEDS AS USED BY THE GOV'T. NOT MOUNTED ON METAL REELS. FIFTEEN (15) TAPES TO SET. \$2 EA TAPE

#1 TO 4 COVER DIFFERENT GROUPS WIDE SPACE LETTERS	#9 12WPM CODEO/GR
#5 WIDE SPACE NUMBERS & LETTERS	#10 12WPM TACT/MESS
#6 5WPM NUMBERS & LETTERS	#11 12 " " "
#7 7WPM " " "	#12 15 " " "
#8 10 " CODED GROUPS OF 5	#13 15 " " "
	#14 20 " " "
	#15 20 " " "

OSCILLOSCOPE



WECO GS-56928 SCOPE: USED FOR MONITORING AND TESTING CIRCUITS WITH 2B1P CATHODE RAY TUBE ALSO 2/5814 1/6AG7 AND 1/5670. CARRIER LEVEL METER 1 1/2" 0-3 DCMA, BCN COAX. CONNECTORS AND NECESSARY CONTROLS FOR SCOPE. ALSO M/TI CIRCUIT TEST SWITCH 11 POS. 5 DECK.

(SORRY NO COVER OR SCHEMATIC) FACE SIZE 6x8 1/2 LENGTH 13; WT: 10 LBS. PRICE: UNUSED \$14.95

RECEIVER-TRANSMITTER



RT-380/AR RECEIVER-TRANSMITTER 2 TO 18.5 MC C.W. PHONE, 100 WATT TRANS. AM CRYSTAL CONTROL ON 10 PRE SELECTED FREQ. RECEIVER 50 MW MIN. INTO 600 OHM LOAD. WITH TUBES 1/813, 2/811, 1/1625, 1/6AG7, 1/6V6, 1/12BE6, 2/12AU7, 1/12AL5, 2/2BD7 & 4/6BA6. POWER REQUIRED 400 VDC @ 750 MA. 750 VDC @ 350 MA. AND 27 VDC FOR RELAY AC FOR FILAMENTS. (SAME VOLTAGES AS ART-13) (SIMILAR TO COLLINS 18S4) SIZE: 15 1/2 x 7 1/2 x 23 1/2; WT: 70 LBS. LESS CRYSTALS PRICE: USED LESS DYNAMOTOR \$69.50

I-152 INDICATOR



I-152(*) INDICATOR; USED WITH BC-788 ALTIMETER FOR INDICATING HEIGHT OVER TERRAIN IN AIRCRAFT WITH 30P1 CATHODE RAY TUBE (SAME SOCKET/SHIELD AS 38P1 TUBE AND OTHER TYPES) ALSO TUBES 3/6AG5 AND 2X2. HAS R.F. CIRCUIT POTENTIOMETERS, 115 V. 400 CYCLE POWER SUPPLY ETC. (WILL MAKE GOOD FOUNDATION FOR A MONITOR) SIZE: 6 1/2 x 6 1/2 x 12; WT: 9 LBS. PRICE: USED \$8.95 SCHEMATIC \$1.00



GRAB BOX ASSORTMENT OF NEW & USED USEABLE ELECTRONIC ITEMS CONSISTS OF PARTS AND ASSEMBLIES SUCH AS RESISTORS, CONDENSERS, MOTORS, TRANSFORMERS, CHOKES, COILS, CONTROL BOXES CIRCUIT BOARDS, CHASSIS AND MANY OTHER ITEMS TOO NUMEROUS TO MENTION. PACKED IN A CARTON AND THE WEIGHT WILL BE AT LEAST 50 LBS. (A GOOD FILLER WHEN YOU ARE BUYING OTHER MATERIAL AND YOU DO NOT HAVE ENOUGH WEIGHT TO MAKE THE MINIMUM MOTOR FREIGHT CHARGE.) # GB-71 50 LB BOX \$5.00 --100 LBS. \$9.00

WORLD'S FINEST

ELECTRONIC SURPLUS



Fair Radio Sales Co.

P. O. Box 1105 - - - - 1016 E. Eureka St.
Lima, Ohio 45802 419/223-2196

OUR 26th YEAR - - - CATALOG #73

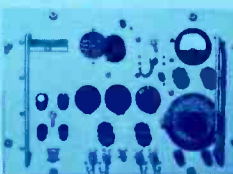
450 TO 470 MHZ



RCA TYPE CMU-158 CARFONE RECEIVER-TRANSMITTER, FM 450-470 MHZ RANGE. SINGLE-CHANNEL CRYSTAL-CONTROLLED UNIT WAS ORIGINALLY DESIGNED FOR MOBILE USE, OPERATING FROM EITHER SIX OR TWELVE VOLT SOURCE DEPENDING ON THE POSITION OF THE INCLUDED VIBRATOR. THE RECEIVER SECTION'S LOW IF IS 455 KHZ AND A HIGH IF OF 15.145 MHZ. SQUELCH RANGE IS 0.2 U-VOLT TO 0.7 U-VOLT. AUDIO OUTPUT: 1 WATT; OUTPUT IMPEDANCE: 4 OHMS (SPEAKER), 600 OHMS (LINE). INPUT IMPED: 50 OHMS. THE TRANSMITTER SECTION HAS A 15 WATTS MIN. RF OUTPUT, CRYSTAL FREQ. RANGE 12.501 TO 13.054 MHZ. (X36). FREQUENCY SWING FOR 100% MODULATION AT 1000 HZ IS 15 KHZ. AUDIO INPUT IMPED: 100 OHMS. THE POWER SUPPLY PROVIDES THE FOLLOWING VOLTAGES: 285v. @ 280 MA, 270-285v. @ 95 MA, 270v @ 20 MA, 170-285v. @ 15 MA (TRANS.). AND 215v @ 4 AND 53 MA. (REC.). WITH TUBES 2/5894, 6360, 5763, 6/6BH6, 6AK6, 2/6AW4, 2/6CB6, 6AL5, 5/12AT7, 3/12AX7, 6AB4 SIZE: 15x6x18 SHPG. WT: 60 LBS.

PRICE: USED, COMPLETE WITH CABLES AND CONTROL HEAD \$65.00 LESS COVER \$55.00

400 TO 1000 MHZ

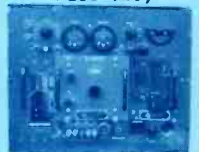


TS-418/U SIGNAL GENERATOR, 400 TO 1000 MHZ IN ONE BAND. GENERATES AM, CW OR PULSED CARRIER. OUTPUT VOLTAGE 0.2 TO 200,000 U-VOLTS INTO 50 OHMS. INTERNAL AND EXTERNAL MODULATION 40 TO 4000 HZ. EXTERNAL MOD. PEAK PULSE AMPLITUDE 40 TO 70 VOLTS; PULSE WIDTH 0.5 TO 20 U-SEC; POSITIVE OR NEGATIVE PULSE OR SINE WAVE SYNCH. INPUT IMPEDANCE: 10,000 OHMS SHUNTED BY 115 UUF; OUTPUT IMPED.: 50 OHMS. POWER REQUIRED: 115 VAC 50 TO 1600 HZ SIZE: 12x11x13 1/2 SHPG. WT: 80 LBS. PRICE: USED, REPARABLE \$95.00 USED, CHECKED \$120.00

50 TO 600 MHZ

R-417/TRC FM RECEIVER, 50 TO 600 MHZ POSSIBLE WITH THE USE OF THE APPROPRIATE AMPLIFIER-CONVERTER PLUG-INS LISTED BELOW. BASE-BAND FREQUENCY 250 TO 68,000 HZ; INTERMEDIATE FREQUENCY 30 MHZ. AUTOMATIC FREQUENCY CONTROL; AUTOMATIC OR MANUAL GAIN CONTROL. INPUT IMPEDANCE 52 OHMS; OUTPUT IMPED: 600 OR 135 OHMS (BALANCE TO GROUND). WITH TUBES: 10/5654, 10/5670, 5751, 5726, 6AV6, AND 6AN5. PROVISION FOR BAND-PASS FILTER (NOT AVAILABLE) ON FRONT. POWER REQUIRED: 115 VAC 50/60 HZ. SIZE: 18x14x14 WT: 75 LBS. PRICE: USED, NOT CHECKED-COMPLETE, LESS PLUG-IN UNITS \$95.00

(PICTURED WITH PLUG-IN.)



225 TO 399.9 MHZ



R-353/URD-4 RECEIVER PART OF URD-4 DIRECTION FINDER, 225-399.9 MHZ, AM OR FM, LOCAL OR REMOTE TUNING ON ANY ONE OF 20 PRE-SET FREQ. ANY ONE OF 1750 CHANNELS CAN BE SELECTED MANUALLY, IN TWO BANDS. WITH TUBES 9/6AS6, 3/6F4, 5/5654, 12/5670, 1/5686 & 3/5726. POWER REQUIRED 105 VDC, 200 VDC, 19 VAC & 6.3. SIZE: 21x11x18; WT: SHPG. 150 LBS. PRICE: NEW \$49.50 MANUAL \$8.50



AMPLIFIER-CONVERTERS PLUG-IN UNITS USED WITH R-417 RECEIVER. OUTPUT IS TO 30 MHZ. CONTINUOUS TUNING OF R.F. AND OSCILLATOR. USED, COMPLETE. SIZE: 7x6x9 1/2 WT: 10 LBS. AM-1179 50-100 MHZ, 5654, 5670, 6J4 \$39.50 AM-914 225-400 MHZ, 4/6J4, 5670 34.95 AM-1177 400-600 MHZ 2/5763, 6AF4, 6AN4 44.50

R-388 RECEIVER



R-388/URR RADIO RECEIVER, SUPERHETERODYNE TYPE, 0.5 TO 30.5 MHZ—30 BANDS IN ONE MHZ STEPS. WITH WIDE 6" BAND SCALE, THIS UNIT IS CAPABLE OF BEING TUNED TO ANY AM SIGNAL WITHIN ITS FREQUENCY RANGE IN EITHER MEGACYCLES OR KILOCYCLES. R-388 FEATURES FIVE STEP CRYSTAL SELECTIVITY, A CALIBRATED "S" METER, AND SEPARATE CONTROLS FOR CRYSTAL PHASING, BFO CRYSTAL CALIBRATOR, AVC NOISE LIMITER, AND ANTENNA TUNING. FREQUENCY STABILITY WITHIN 300 CYCLES; AUDIO OUTPUT 1.5 WATTS INTO 4 OR 600 OHMS. WITH BUILT-IN POWER SUPPLY FOR 115/230V. 45-70 CYCLE 85 WATT AC POWER SOURCE. SPEAKER REQUIRED. SIZE: 12x13x21 WT: 50 LBS. PRICE: USED REPARABLE \$375.

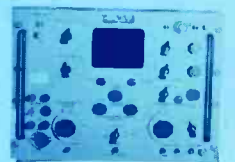
KLYSTRON POWER SUPPLY



HEWLETT-PACKARD MODEL 715A KLYSTRON POWER SUPPLY FOR LOW POWER KLYSTRON TUBES. DELIVERS -250 TO -400 REGULATED DC VOLTS @ 30 TO 50 MA FOR THE BEAM ELECTRODES AND 0 TO 900 REGULATED DC VOLTS FOR THE REFLECTOR ELECTRODE, EACH VOLTAGE CONTINUOUSLY TUNEABLE. THE REFLECTOR VOLTS CAN BE MODULATED BY INTERNAL 1000 HZ SQUARE WAVES OR EXTERNALLY. THE INTERNAL SQUARE-WAVE MODULATION IS ADJUSTABLE UP TO 120 VOLTS PEAK-TO-PEAK. FREQ. MODULATION FOR 60 HZ SINE WAVE ADJUSTABLE 0 TO 350 VOLTS PEAK-TO-PEAK. LESS OUTPUT CABLE. POWER REQUIRED: 115/230 VAC 50/60 HZ. SIZE: 7x11x13 1/2 WT: 23 LBS. PRICE: USED, NOT CHECKED \$35.00

OSCILLOSCOPE

AN/USM-50 OSCILLOSCOPE WITH 3ADP1 CATHODE RAY TUBE AND 15 MHZ BANDWIDTH, RISE TIME FROM 0.022 U-SEC TO 30,000 U-SEC. SWEEP TIME CONTINUOUSLY ADJUSTABLE FROM 0.17 TO 37,500 U-SEC WITH SWEEP DELAY THAT ALLOWS 10% OF SWEEP LENGTH TO BE EXPANDED 10 TIMES FOR SWEEPS GREATER THAN 5 U-SEC. TRIGGER PULSE FROM 10 TO 10,000 HZ WITH 0.15 U-SEC RISE TIME. TIMING MARKERS SYNCHD AT 0.2, 1, 5, 20, 100 500 AND 2000 U-SEC. VERTICAL INPUT IMPEDANCE: 1 MEGOHM SHUNTED BY 40 UUF FOR ALL ATTENUATOR POSITIONS HORIZONTAL IMPED: 1 MEGOHM SHUNTED BY 30 UUF INPUT VOLTAGE: 0.03 TO 90 VOLTS PEAK INPUT SENSITIVITY: 10 MV/CM-RMS CALIBRATION: 1 KHZ ADJUSTABLE 20 TO 200 MV. EXTERNAL CONNECTIONS POSSIBLE TO BOTH THE VERTICAL PLATE AND THE HORIZONTAL AMPLIFIER. POWER REQUIRED: 115 VAC 50 TO 1000 HZ SIZE: 18x19x16 1/2 WT: 80 LBS. LESS PROBES PRICE: USED, REPARABLE \$75.00 USED, CHECKED \$100.00 ATTENUATOR PROBE \$7.50 ADDITIONAL



R-390A RECEIVER USED \$600

519-1F RECEIVER NEW \$1250

CATALOG INFORMATION


THIS IS THE ONLY CATALOG YOU WILL RECEIVE THIS YEAR. SUPPLEMENTS WILL BE SENT PERIODICALLY.

IF YOU NO LONGER WISH TO RECEIVE OUR CATALOG, RETURN TO US THE BACK PAGE ONLY.

MINIMUM ORDER \$3.00

ORDERING INFORMATION SEE PAGE 2

FAIR RADIO SALES



100-0-100 DC VOLT
300-0-300 DC VOLT
SCALES WITH SHUNTS
AND INSTRUCTIONS
3 1/2" GE-DO-41RAA4
NEW \$4.95




500 MICROAMP DC
MOVE. FACE MARKED
"SET TO RED LINE"
LINE LEFT CENTER
MARKED "6 V" TOP
"150 V" BOTTOM.
3 1/2" ROUND SEALED, RUGGEDIZ.
TELECTRO TM-263.
#6625-255-0121 NEW \$6.95



425 MICROAMPERE
RES. D.C. 4x4 1/2
SCALE, TOP 0-60
BOTTOM 0-3/15/
60 MARKED ACV
DCV AND MILLI-
AMPERES.
P/O I-135E TEST SET, M-1
#P30033 USED \$6.95



0-1 MADC SCALE,
1 1/2" SQUARE, SEALED
RUGGEDIZED.
MARION ELECTRIC.
#MRI3WOODICMA
RE-MOVED NEW \$4.95




PHASTRON
CLEAR PLASTIC
CASE 50 MICRO
AMP D.C. 0-5
SCALE 3 1/2"
#715-16-20
\$4.95 NEW



500 MICROAMPS.
D.C. RES. 300
OHM DC. 1 1/2" SQ.
1-3/8" MTG.
DEJUR MOD. 112
STK #3F3312-6.6
\$4.95




SELSYN METER
FOR CHECKING
LEAD AND LAG.
TERMINALS FOR
115 VOLT A.C.
AND FROM SEL
SYN. 4 1/2" DIA.
WESTON 543/245620 U \$6.95




MULTIMETER USED
TO TEST AIRCRAFT
CIRCUITS. FULL-
SCALE 100 UA,
1100 OHMS 10%
4x4 1/2x5 WT. 3 LBS
USAF-5200-474900
\$4.95




MICROMHOS DYNAMIC
MUTUAL CONDUCTANCE
USED IN I-177 TUBE
CHECKER BASIC 0-1.4
MA. HICKOK #1547A
STK #3F1350 \$4.95




TV-2 REPLACEMENT
METER, 0-250
SCREEN VOLTS,
FS=1 MA. 2 1/2" RD.
SEALED. NEW \$5.95



DECIBELS
-8 TO 0 TO +6 SC.
FS-3.79 VAC, 3 1/2" RD
WEST #BA-33543
USED \$3.95




OHMS, 3 1/2"
-8 TO 0 TO +6 SC.
6 MILLIWATTS, 600
RD. WESTON 301/21
USED \$3.95



-10 TO 0 TO -6 DB; 3 1/2" RD.
VARIOUS MFG. #6625-157-
7802 NEW \$4.95


POWER SET +6 TO 0 TO -3
2 1/2" RD. FS-200 UA, WAELINE
1496/400 RUGG/SEAL U \$3.95




WARNING TYPE
RED KNOB IN FRT.
CONTROLS RED
POINTER WHICH
MAY BE SET ANY
WHERE ON THE DIAL. IF
THE CURRENT FALLS TO THIS POINT
IT CLOSSES A CONTACT THAT
CAN ACTUATE THE WARNING DE-
VICE SUCH AS RELAY, BELL ETC
PLASTIC CASE 2 1/2" FACE. N.M.
#23399 0-1 DCMA
#23665 0-100 DC MICROAMPS.
USED \$8.95 SPECIFY TY



0-500 MILLI-
AMMETER RF W/
THERMOCOUPLE.
3 1/2" RD. METER
IN 4 1/2x4 1/2x3 1/2
WOOD BOX.



ROENTGENS
PER HOUR METER
50 MICROAMPERE
D.C. FULL SCALE
3 1/2" RUGGEDIZED
REMOVABLE
PLASTIC LENSE,
BLACK FACE.
TOP SCALE 0-500, LOWER 0-10
#300-10764 UNUSED \$3.95




BALLENTINE
V.T.V.M.
METER
ONLY
AC VOLTS
1-10
DECIBELS
0-20
WESTON 643
4 1/2" OR EQ.
MFG. PT. NO. 205007 NEW
STK #6625-557-0899 \$8.95



0-100 D.C. MA
270 DEG. SC.
3 1/2" FS-100MV
WITH SHUNT
WESTON 1539
#6625-839-
0626
P/N206-1783-
56 NEW \$7.95




EDGE-WISE METER
0-100 D.C. MA.
FULL SCALE 20 MA
2 1/2x3 1/2x3/4 FACE
INTERNATIONAL 1135ULB \$5.95




MATCHED METERS CHROME PLAT
ED 2 1/2" SQUARE, 2" HOLE MTG.
0-30 VOLTS DC #1046A-12
\$1.95
DC AMPERES 400-0-400 SCALE
INDUCTION TYPE MOVEMENT.
#1696-1B \$1.95




DC AMPERES 3 1/2"
0-300 SCL USE W/
SHUNT 50 MV/200 A
WESTON-M-643 ORD#
173030 \$6.95



0-10 AMPS DC, 2 1/2" RD., RUG-
GEDIZED, WESTON 1521
#6076 UNUSED \$7.95
WITH MATCHING 0-30 VDC,
WESTON 1521 METER, \$14.95



0-5 DCA SCALE, 2 1/2" SQUARE,
EMICO RF2C-2202; #6625-909-
0433. NEW \$3.95



0-150 DCA SCALE, 2 1/2" RD.
FS=15 MA. MOVEMENT.
WEST. #12058528 USED \$1.95

0-5 AC AMMETER, 3 1/2" ROUND,
RUGGEDIZED; WESTON 1534
#6625-649-4076 NEW \$5.95



0-150 ACA SIMPSON NEW
MODEL 56 3 1/2" RD. \$5.95

OTHER SCALES AVAILABLE,
ADVISE US OF YOUR NEEDS.

1016 E. EUREKA
BOX 1105, LIMA, OHIO 45802
TEL: AREA CODE 419 223-2196
STORE HOURS
9:00 A.M. TO 5:30 P.M.
MONDAY THRU SATURDAY

TERMS
PRICES NET, F.O.B. LIMA, OHIO
SEND CASH, CHECK OR MONEY
ORDER WITH PURCHASE ORDER.

MINIMUM ORDER \$3.00.
Orders less than \$3.00
ADD \$.50 HANDLING CHARGE.


Include sufficient money for
shipping charges. (UNUSED
PAYMENTS RETURNED AT
ONCE.) Otherwise we will send
shipping charges collect.

C. O. D. ORDERS, SEND 25% OF
PURCHASE WITH ORDER. BAL-
ANCE WILL BE COLLECTED
UPON DELIVERY.


When writing for information
PLEASE state what specific
information you desire.



D.C. MICROAMPS.
0-200 D.C. MICRO-
AMPERES, 3 1/2"
ROUND, CENTER ADJ
USTMENT. USED
WE#167807 \$4.95



0-200 DC MICROAMPERES, 3 1/2"
RD., RUGGEDIZED, MARION
HS3 #3981 NEW \$4.95




1-3/3-10 MICROVOLT AND 5-
50 % MODULATION SCALE, FS-
100 MICROAMP. 2 1/2" ROUND RUG
GEDIZED. GAR260/219 N \$4.95




OTHER SCALE AVAILABLE.
ADVISE US OF YOUR NEEDS.


D.C. AMPERES
DC AMPERES 3 1/2"
0-300 SCL USE W/
SHUNT 50 MV/200 A
WESTON-M-643 ORD#
173030 \$6.95



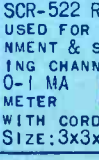
0-10 AMPS DC, 2 1/2" RD., RUG-
GEDIZED, WESTON 1521
#6076 UNUSED \$7.95
WITH MATCHING 0-30 VDC,
WESTON 1521 METER, \$14.95



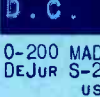
0-5 DCA SCALE, 2 1/2" SQUARE,
EMICO RF2C-2202; #6625-909-
0433. NEW \$3.95



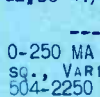
0-150 DCA SCALE, 2 1/2" RD.
FS=15 MA. MOVEMENT.
WEST. #12058528 USED \$1.95



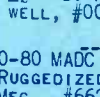
1-139 TEST
METER FOR
SCR-522 RADIO
USED FOR ALIG
NMENT & SETT-
ING CHANNELS
0-1 MA
METER
WITH CORD & PLUG.
SIZE: 3x3x2 WT: 2LB. \$6.95



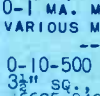
D.C. MILLIAMPS.
0-200 MADC SCALE, 2 1/2" ROUND
DEJUR S-210/MR25200DCMA
USED \$2.95



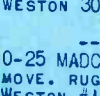
0-200 MADC SCALE, 3 1/2" ROUND
GE#DO-41/CG-22063
NEW \$4.95



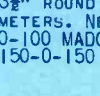
0-250 MA DC, FS-5 MA, 1 1/2"
SQ., VARIOUS MFG., #6625-
504-2250 SEALED NEW \$3.95



0-15 SCALE, FS=10 MA. DC,
2 1/2" RD. RUGGEDIZED, HONEY-
WELL, #0043 NEW \$3.95




0-10-500 SCALE, FS=1 MA DC
3 1/2" SQ., SIMPSON,
#6625-842-8885 NEW \$4.95



0-50 MADC SCALE, 3 1/2" ROUND
WESTON 301
USED \$4.95

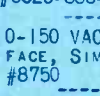


0-25 MADC SCALE, 0-1 MA.
MOVE. RUGGEDIZED, BLK, FACE
WESTON #1521/GA-52832
USED \$4.95

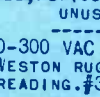


3 1/2" ROUND RUGGEDIZED MA DC
METERS. NEW. SELECT RANGE:
0-100 MADC #4265 \$5.95
150-0-150 MADC #3498 \$5.95

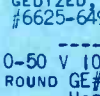
0-1.0 MA DC SCALE; 3 1/2"
ROUND; RUGGEDIZED; VARIOUS
MFG.; #6625-649-2710
NEW \$6.95



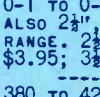
A.C. VOLTMETERS
0-150 VAC, 2 1/2" ROUND, BLK.
FACE, PHASTRON, RUGGEDIZED
#6625-886-3169 NEW \$5.95



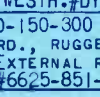
0-150 VAC, 3 1/2" ROUND, BLK.
FACE, SIMPSON MODEL 56
#8750 UNUSED \$5.95



0-3-10-30-100 VAC SCALES(4)
2 1/2" ROUND, RUGGEDIZED, SEAL
ED, FS=1.5 VAC #210-07231
UNUSED \$4.95



0-300 VAC SCALE, 2 1/2" ROUND
WESTON RUGGEDIZED, DIRECT
READING. #3F8300-72 N. \$3.95



0-10 VAC, 2 1/2" ROUND, RUG-
GEDIZED, PHASTRON
#6625-649-4816 NEW \$4.95

0-50 V 1000 CYC. SCALE, 3 1/2"
ROUND GE#VAT4M50
USED \$4.95


MANY OTHER RANGES IN STOCK
0-1 TO 0-50, 3 1/2" RD OR SQ
ALSO 2 1/2", SPECIFY SIZE &
RANGE. 2 1/2" USED \$2.95; NEW
\$3.95; 3 1/2" " \$3.95 N \$4.95

380 TO 420 CYCLES SCALE,
115 VOLT COILS, 5 1/2" ROUND,
FOR USE WITH EXT. REACTOR.
WESTH.#DY/724979 USED \$7.95


0-150-300 VAC 400 CYC, 3 1/2"
RD., RUGGEDIZED, WESTON 1534
EXTERNAL RES. FOR HIGH RANGE
#6625-851-7278 NEW \$5.95




D.C. VOLTMETERS
0-350 VDC, WESTON 301,
CHOICE OF 3 1/2" ROUND OR 3 1/2"
SQUARE STYLES. UNUSED \$4.95




0-20 VDC SCALE, 3 1/2" ROUND,
RUGGEDIZED; WAELINE 3044;
#6625-580-9626 NEW \$5.95




0-15 AC-DC VOLTS SCALE, 2 1/2"
ROUND, VARIOUS MFG.
D.C. TYPE 1S-122 USED \$2.95



0-75 VDC SCALE, 3" RD. PROJ
ECTION TYPE, WESTON 301,
1000 OHMS PER V. #248-7207
NEW \$5.95




0-1.5 VDC SCALE, 2 1/2" ROUND
PHASTRON, RUGGEDIZED #683-
9729 UNUSED \$4.95




0-500 VDC SCALE, 3 1/2" SQUARE
HONEYWELL #231-1624
UNUSED \$5.95



0-2 KVDC SCALE, 2-1/2" SQUA-
RE, FS=1 MA. 1000 OHM P/V
WESTON #506/668-9743 \$4.95N




0-50 VDC SCALE, 4x4 1/2 SQUARE
1000 OHMS P/V SIMPSON DRA#
38546 USED \$5.95



0-100 VDC SCALE, 3 1/2" ROUND
FS=100 V. BURLINGTON #431/
MR35W USED \$4.95




0-500-1000 VDC, FS-500 VOLTS
3 1/2" RD., RUGGEDIZED, WAELINE
#6625-842-9705 NEW \$6.95



0-150 VDC, 3 1/2" ROUND,
HOYT No. 17-L, UNUSED \$4.95



0-300 VDC SCALE; 2 1/2" ROUND.
RUGGEDIZED, BLACK FACE.
WAELINE 82056 NEW \$4.95



REED FREQUENCY METERS
3 1/2" ROUND, 100-130 VOLTS.



A.C. VOLTMETERS
JBT MODEL 31-FX, 57 TO 63
CYCLES/SEC. 7 REEDS.
#0740 NEW \$10.95

JBT MODEL 34-FX-11-Z, 57.5
TO 62.5 CYCLES/SEC. 11 REEDS
PRICE: NEW \$14.95

FRAMM METER, 380 TO 420
CYCLES/SEC. 11 REEDS
PRICE: USED \$8.95

R.F. AMMETERS
0-100 SCALE, FS-
1.2 MA. 2 1/2" ROUND
VARIOUS MFG.
USED \$2.95
NEW \$3.95

THERMOCOUPLE FOR DIRECT
READING SCALE \$1.00

0-150 RF MA, 2 1/2" RD. RUGGED-
IZED, SIMPSON #5848 N \$4.95

OTHER RF METERS AVAILABLE.
WRITE US YOUR NEEDS.

A-61 ANTENNA
DUMMY LOAD
WITH 2 1/2" RD.
0-5 RF AMME-
TER. RES: 5
OHMS, CAP:
.0001 MFD.,
ALUMINUM CASE W/MOUNTING
RACK. SIZE: 7x5x2 1/2 WT: 3LB
PRICE: UNUSED \$7.95

HIGH BAND

FM — TRANSMITTER — RECEIVERS

LOW BAND



R-394/U RECEIVER F.M. 152-172 MC. SINGLE CHANNEL CRYSTAL CONTROL DUAL CONVERSION, CRYSTAL FREQ. RANGE 24.033 TO 27.7 THIRD OVERTONE, TYPE CR-32/U. I.F. FREQ. 7.8 MC & 455 KC. 15 KC DEVIATION, OUTPUT IMPEDANCE 8 OHMS, POWER 6 WATTS, SQUELCH AND MUTING CIRC. MODULAR CONSTRUCTION WITH PLUG-IN UNITS FOR EASY SERVICING.

1ST R-F AMPL. UNIT w/TUBES 1/5840 2/1A04.....LOCAL OSCILLATOR UNIT w/TUBES 2/1A04, 1/5678, 1/VR31-5783

.....1ST I-F 7.8 MC UNIT w/TUBES 3/5678.....2D I-F AND DISCRIMINATOR UNIT WITH TUBES 7/5678.....AUDIO AND SQUELCH UNIT WITH TUBES 3/5678, 1/5672, 1/6AK6 ALSO 455 KC SELECTIVE FILTER UNIT WHICH IS WIRED, NOT PLUG-IN. ILLUSTRATION SHOWS THE PLUG-IN UNIT AND THE COMPARTMENT WHERE THE POWER SUPPLY IS ALSO PLUGGED INTO. COVER IS SUPPLIED AND HELD IN PLACE BY A SPRING LOADED FASTNER.

POWER SUPPLIES, CONNECTOR, CONTROL UNIT AND OTHER ITEMS THAT ARE USED WITH THIS SET ARE LISTED ELSEWHERE ON THIS PAGE.

SIZE: 8 1/2 x 5 1/2 x 1 1/2; WT: 19 LBS.

PRICES: USED GOOD CONDITION.....\$14.95
GOV'T RE-CONDITIONED..... 22.50



R-257 RECEIVER 25 TO 50 MC FM SAME AS R-394 RECEIVER ONLY DIFFERENT FREQUENCY RANGE. USES ALL THE SAME ACCESSORIES POWER SUPPLIES, TUBES ETC. SAME SIZE AND WEIGHT.

USED \$14.95



T-208/U TRANSMITTER F.M. 25 TO 50 MC 25 WATTS. SINGLE CHANNEL CRYSTAL CONTROL, 15 KC DEVIATION, VOICE ONLY TRANSMISSION. CRYSTAL UNIT CR-27/U, FREQ. RANGE 1,562.5 TO 3125 KC. X 16 FOR ALL FREQUENCIES. 100 MV CARBON MIC. WITH TUBES 3/2E24, 1/384, 2/5672 4/5678 & 3/1A04.

VOLTAGES REQUIRED ARE AS SHOWN WITH DYNAMOTORS DY-93/12 V, DY-98/24 V. DY-100/6 V. SIZE: 8 1/2 x 4 1/2 x 1 1/2; WT: 11 LBS. USED \$18.95



CHASSIS CONNECTORS TO FIT R-394, R-257, T-416 T-278, T-208 & SUPPLIES

TRANSMITTER PLUG P-401 CHASSIS CONNECTOR NO'S J-801, CANNON# DPD-A32C-33S-2L \$2.50

RECEIVER PLUG R-252 CHASSIS CONNECTOR NO'S J-803, CANNON# DPD-A31C1-33S-2L \$2.50

POWER SUPPLY PLUG P-1203; CHASSIS CONNECTOR NO'S J-802, CANNON# DPD-30-33S-22 \$2.50

UG-77 PLUG ON 4 1/2 FOOT CORD.....\$1.00

H-33/PT HANDSET ON 4 1/2' CORD WITH UG-77 U 5.95



R-257 OR R-394 RECEIVER CHASSIS ONLY LESS ALL PLUG-IN UNITS AND FILTERS, WITH CONNECTORS & COVER. SHPG. WT: 10 LBS. USED \$4.95

R-257 OR R-394 RECEIVER PLUG-IN UNITS ONLY

MX-1547 RECEIVER RELAY SUBASSEMBLY \$4.95

1ST R.F. AMPL. w/TUBES 1/5840, 2/1A04 \$3.95

LOCAL OSCILLATOR w/TUBES 2/1A04, 1/5678 \$4.95

1/VR31-5783 & CRYSTAL. (NO CRYSTAL CHOICE)

2ND I.F AND DISCRIMINATOR w/ TUBES 5678 \$3.95

1ST I.F 7.8 MC. w/TUBES 3/5678 & CRYST \$4.95

AUDIO & SQUELCH w/TUBES 3/5678, 1/5672 AND 1/6AK6 \$3.95

SELECTIVE FILTER 455 KC. (NOT SHOWN) \$2.95



VIBRATOR TYPE POWER SUPPLIES FOR USE WITH R-394 & R-257 RECEIVERS. THE OUTPUT OF THE SUPPLIES ARE THE SAME AND ARE

155 VOLTS DC @ 15 MA.
150 " " @ 5 "
140 " " @ 50 "
-40 " " @ .5 "
6.3 " " @ .45 AMPS.
6.3 " " @ 1.0 "
1.4 " " @ 1.25 "

PP-867/U 24 VOLTS DC @ 1.1 AMPS USED \$4.95

PP-868/U 12 " " @ 2.0 " " 9.95

PP-869/U 6 " " @ 3.7 " " 6.95

PP-846/U 115/230 v 60 CYC 2 AMPS " 18.95

PP-64 115/230v. 60 CYCLE AC POWER SUPPLY FOR T-417, T-208 AND T-278 TRANSMITTERS. NEW \$32.95 USED \$27.95

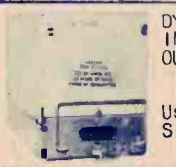
C-844/L CONTROL UNIT FOR OPERATION OF RADIO SET FROM REMOTE POINT. USED \$14.95



C-847 RADIO CONTROL BOX; USED TO CONTROL THE SYSTEM, HAS HEAVY ALNICO MAGNET 4" SPEAKER FOR MONITORING REC. CONTROLS FOR SQUELCH, VOLUME ON/OFF SW. PILOT LIGHTS AND RECEPTACLE FOR H-33 HANDSET WHICH HAS UG-77

SIZE: 9 1/2 x 5 1/2 x 3 1/2; WT: 6 LBS. USED \$8.95

H-33/PT HANDSET WITH CORD & UG-77 " 5.95



DY-93 DYNAMOTOR POWER SUPPLY

INPUT: 12 VDC @ 20 AMPS.

OUTPUT: 380 VDC @ 180 MA.

225 VDC @ 45 MA.

-25 VDC @ 5 MA.

USED WITH T-208 & T-278 TRANS.

SIZE: 8 1/2 x 7 x 1 1/4; WT: 27 LBS.

PRICE: USED \$9.95



C-845/U RADIO SET CONTROL USED WITH R-394, R-257 RECEIVERS AND T-208, T-278 & T-417 TRANSMITTERS. CONTAINS A 3 TUBE MICROPHONE AMPLIFIER WITH A LINE LEVEL METER THAT ENABLES YOU TO ADJUST THE SIGNAL SO THAT IT WILL BE STRONG ENOUGH TO MODULATE THE TRANS. AFTER PASSING THROUGH THE INTEP. 600 OHM LINE. HEAVY DUTY 4" SPEAKER IS PROVIDED FOR MONITORING THE RECEIVER. HAS TCNE GENERATOR FOR SIGNALING PURPOSES, SPEAKER VOL. CONT. PILOT LIGHTS FOR POWER AND TRANSMIT. REQUIRES UG-77 PLUG FOR MIC. & PHONE SUCH AS ON H-33/PT HAND SET. (REQUIRES 155VDC 5MA, 160VDC 15MA & 6.3v) PP-846/U 115/230 v. 60 CYC POWER SUPPLY WAS DESIGNED FOR USE WITH THIS UNIT AND MOUNTS INSIDE AND IS AN OPTIONAL ITEM.

SIZE: 8 1/2 x 13 1/2 x 1 3/8; WT: 20 LBS. TUBES 2/12AU7-6AK6

PRICE: USED WITH PP-846 POWER SUPPLY \$29.50



CY-938 ELECTRICAL EQUIPMENT CABINET; USED TO HOUSE RECEIVERS R-394 OR R-257, TRANSMITTERS T-208 OR T-278 AND POWER SUPPLIES DY-93 OR DY-98 OR DY-100 FOR THE TRANSMITTERS. THE UNITS SLIDE IN THE CABINET AND ARE HELD IN PLACE BY A HEAVY TWIST LOCK FASTENER. ELECTRICAL CONNECTIONS ARE MADE THRU THE PLUGS WHICH IN TURN ARE WIRED TO TERMINAL STRIPS BEHIND THE BULKHEAD. CABINET CAN BE MOUNTED IN ANY POSITION AND HAS A REMOVEABLE COVER FRONT AND BACK. (ILLUSTRATION SHOWS CABINET EMPTY AND WITH UNITS IN PLACE.)

SIZE: 17 1/2 x 11 1/2 x 2 1/2; WT: 33 LBS.

PRICES: USED \$7.95 UNUSED \$9.95



T-278/U TRANSMITTER F.M. 152 TO 174 MC APPROX. 30 WATTS, CRYSTAL CONTROL ON ANY TWO (2) PRESET FREQ. PHASE SHIFT MODULATION 15 KC DEVIATION, CR-27/U CRYSTAL UNIT FREQ. RANGE 4750-5437.5 KC. MULTIPLIED 32 TIMES. WITH TUBES 2/384, 3/2E24, 4/5678, 2/5672 AND 2/1A04.

VOLTAGES REQUIRED AS SHOWN WITH DY-93 DYNAMOTOR ELSEWHERE ON THIS PAGE. USED \$18.95

SIZE: 8 1/2 x 4 1/2 x 1 1/2; WT: 12 LBS. UNUSED \$24.95

T-278 TRANS. LESS TUBES AND CRYSTAL OVEN \$6

CX-2341 CABLE FOR CONNECTING CONTROL BOX TO CABINET (NO PLUGS ON THIS CABLE) 50¢ PER FT.



MULTIMETER SCALES 0-2 OHMS, 2-1M OHM, 0-3 VDC, AND 0-150 VAC. FS= 100 UA DC; 4 1/2" RD. RUGGEDIZED; LYCOMING 410-11177 #6625-773-1851 NEW \$8.95

0-100 SCALE, LEVEL SET, 3 1/2" FULL SCALE 1700 MICROAMP. RUGGEDIZED #7808 NEW \$6.95

D.C. AMPERES 0-100 & 0-200 SCALE, 3 1/2" FULL SCALE 50 MV RUGGEDIZED #5338 NEW \$6.95



0-50 A.C. AMPERES SCALE 2 1/2" FULL SCALE 47 MA. USED ROBERTS 423-74R1 \$3.95

0-140 A.C. VOLTS SCALE 2 1/2" FULL SCALE 1 MA. USED ROBERTS 422-4086 \$3.95

0-5 A.C. AMPERES SCALE 2 1/2" RUGGEDIZED, WESTON 1524 #0890-MR26W005ACAAR \$4.95



0-150 AND 0-500 VOLTS D.C. SCALES, CLEAR PLASTIC FACE METAL BACK, 2 1/2" x 1 1/2" #1617B \$2.95

0-150 D.C. MILLIAMETER 2 1/2" CLEAR PLASTIC FACE METAL BACK ANKER #1617 NEW \$2.95

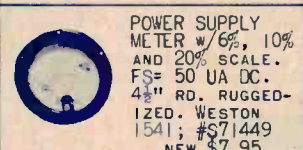
0-50 D.C. MILLIAMPERES EDGE-WISE 1 x 3 1/2" DEPTH 3" IDEAL #458-0667-00 NEW \$4.95

FACE MARKED SCALE NO.1 NO.2 FULL SCALE 1 MA. D.C. 2 1/2" RUGGEDIZED #0801 NEW \$3.95



CARRIER LEVEL 0-130 SCALE FS= 130 UA DC 4 1/2" RD. RUGGEDIZED; WESTON MODEL 1541; #1168 NEW \$8.95

GO - NO GO SCALE FULL SCALE 1 MA. 3 1/2" RD. RUGGEDIZED; MARION MODEL HS3. #5200 NEW \$5.95



POWER SUPPLY METER w/6%, 10% AND 20% SCALE. FS= 50 UA DC. 4 1/2" RD. RUGGEDIZED. WESTON 1541; #671449 NEW \$7.95

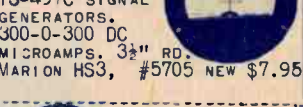
0-150 DC AMMETER; FS= 50 MV; 3 1/2" sq.; SHUNT EXTERNAL; GE TYPE DO-91; #124-2095-000 NEW \$8.95



CX-2371 CABLE ASSEMBLY USED FOR CONNECTING R-394, R-257, T-208, T-278, T-416 OR OTHER UNITS OF THIS SERIES TO THE CABINETS SO THEY CAN BE TESTED OUTSIDE OF THE CABINET. LENGTH 7 FT. 3LBS. \$10.00

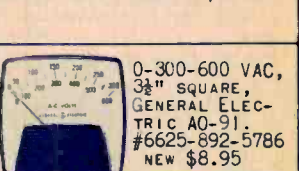


0-50 DC VOLTS WESTON 1931, FACE: 3 1/2 x 3 FITS 2 1/2" HOLE NEW, \$9.95

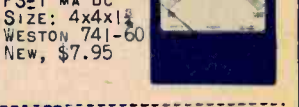


OUTPUT METER FOR TS-497B AND TS-497C SIGNAL GENERATORS. 300-0-300 DC MICROAMPS. 3 1/2" RD. MARION HS3, #5705 NEW \$7.95

VSWR SCALE: FS= 50 UA DC. 3 1/2" RD. RUGGEDIZED; HICKOK MODEL 46R; #835-7082 NEW \$5.95



0-300-600 VAC, 3 1/2" SQUARE, GENERAL ELECTRIC AC-91. #6625-892-5786 NEW \$8.95



0-500 SCALE FS= 1 MA DC SIZE: 4x4x1 1/2 WESTON 741-60 NEW, \$7.95

FULL SCALE= 1MA 3 1/2" RD. RUGGEDIZED; MARION MODEL HS3X; #0350 NEW \$5.95

BC & ARC COMMAND SETS

THE COMMAND SET SERIES OF TRANSMITTERS AND RECEIVERS HAVE BEEN POPULAR FOR MANY YEARS ON THE SUPPLUS MARKET.

THE SERIES CONSISTS OF SEVERAL SEPERATE UNITS COVERING THE FREQUENCY RANGE OF 190 KC TO 9.1 MC FOR THE RECEIVERS AND 2.1 TO 9.1 MC FOR THE TRANSMITTERS.

IF YOU ARE NOT FAMILAR WITH THE CONVERSION OF THIS EQUIPMENT IT IS SUGGESTED THAT YOU PURCHASE CONVERSION MANUAL COVERING THE SET.

CQ SURPLUS CONVERSION MANUAL, WHICH INCLUDES COMMAND SETS IS AVAILABLE FROM US FOR \$3.00 (FOR OTHER CONVERSION MANUALS SEE PAGE 21)

THE RECEIVERS ARE SIX TUBE SUPERHETERODYNE WITH THE FOLLOWING TUBE LINE-UP; 1/12A6, 1/12K8 3/12SK7 & 1/12SR7. DESIGNED TO OPERATE WITH THE USE OF A DM-32 24 VOLT D.C DYNAMOTOR WITH AN OUTPUT VOLTAGE OF 250 VDC @ 60 MA. ALSO REQUIRES 24 VOLTS FOR FILAMENTS. THE SET WAS TUNED FROM A REMOTE POSITION BY THE USE OF A FLEXIABLE SHAFT AND CONTROL BOX. SIZE: 5x5x11; WT: 12 LBS.

BC-453 190 TO 550 KC USED \$16.95

R-26/ARC 3.0 TO 6.0 MHZ USED \$19.95
BC-455 6.0 TO 9.1 MC USED 14.95
R-25/ARC 1.5 TO 3.0 MC UNUSED \$22.95

R-28/ARC-5 100 TO 156 MC CRYSTAL CONTROL ON FOUR PRE-SET CHANNELS WITH 24 VDC MOTOR, NOT CONTINUOUS TUNING. USES SAME VOLTAGE BUT DIFFERENT TUBES. SEE CONVERSION MANUAL FOR DETAILS TO MAKE CONTINUOUS TUNING. USED \$18.95

THE TRANSMITTERS WITH PROPER USE CAN PUT OUT 50 WATTS CW AND 30 WATTS ON PHONE. MODULATION IS OBTAINED FROM SEPARATE UNITS, BC-456 FOR SINGLE TUBE MOD. AND MD-7 FOR PUSH-PULL MOD. THE DM-33 DYNAMOTOR IS USED TO SUPPLY THE VOLTAGES AND IS MOUNTED ON THE MODULATOR. VOLTAGES REQUIRED 575-600 VDC @ 175-200 MA. AND 24 VOLTS. WITH TUBES 2/1625 & 1/1626 & 1/1629 MAGIC EYE TUBE FOR TUNING AND CRYSTAL FOR CALIBRATION. SIZE: 5x7x12; 12LBS

CBY 52232 NAVY TRANS. 2.1 TO 3 MC NEW \$14.95

BC-696 3 TO 4 MC GOVT RECONDITIONED 14.95

T-20/ARC-5 4.0 TO 5.3 MC USED \$6.95 NEW 9.95

T-21/ARC-5 5.3 TO 7.0 " " 6.95 NEW 9.95

T-23/ARC-5 100 TO 156 MC AM USING 832 TUBES (2) AND 1625 (2), FOUR PRE-SET CRYSTAL CONTROL CHANNELS, COMPANION TO R-28 REC. FOR CONVERSION SEE CC MANUAL. \$24.95

BC-456 MODULATOR FOR USE WITH COMMAND TRANSMITTERS, SINGLE TUBE MODULATION WITH TUBES 1/1625, 1/12J5GT AND 1/VR-150. HAS PROVISION FOR MOUNTING DM-33 DYNAMOTOR. SIZE: 7x8x10; WT: 11LBS UNUSED \$9.95

MD-7/ARC-5 MODULATOR SAME AS BC-456 ONLY USES 2/1625 TUBES IN PUSH-PULL FOR 40 TO 60 WATTS. USED L/COVER \$9.95

COMMAND RECEIVER AC POWER SUPPLY SEE PAGE 20

SPIN TUNING KNOB FOR RECEIVERS \$1.00

DM-32 DYNAMOTOR 24 V FOR REC. UNUSED 4.95

35x032 " 12 V " " 4.95

C-26/ARC CONTROL BOX FOR ONE REC. USED 2.00

BC-496 " " TWO " " 1.95

BC-450 " " THREE " " 2.50

BC-451 " " ONE TRANS. " 1.95

BC-473 " " ONE REC. " 2.00

CONNECTOR PLUGS F/REC. OR TRANS. " 1.50

FLEXIBLE SHAFTS MC-215 FOR COMMAND EQUIPMENT 6 FT. \$1.50 EACH ADDITIONAL FT. 25¢ EXTRA.

MC-215 FLEXIBLE SHAFTS AND SMALL SPLINE FOR COMMAND TYPE RECEIVERS; 20 FT. KIT, NOT MADE-UP \$3.95
SPLINE & NUT FITS COMMAND TYPE RECEIVERS AS USED ON MC-215 AND SPIN KNOBS. \$.50
FT-234 ONE TRANSMITTER RACK \$2.00
MT-68 " SHOCKMOUNT 1.50
FT-226 TWO TRANSMITTER RACK 2.50
FT-227 " SHOCKMOUNT 2.00

RECEIVER-TRANSMITTER

BC-669 RADIO RECEIVER AND TRANSMITTER, FREQ. RANGE FROM 1680 TO 4450 KC. OPERATING RANGE IS 20-30 MILES FROM FIXED STATIONS AND 15 MILES FOR MOBILE ONES, DEPENDING UPON ENVIRONMENTAL CONDITIONS. THE TRANSMITTER SECTION WITH AN OUTPUT OF 45 WATTS, SENDS VOICE MODULATED SIGNALS, WHILE THE RECEIVER IS OF THE SUPERHETERODYNE TYPE, DETECTING BOTH VOICE MODULATED AND TONE MODULATED C-W TELEGRAPH SIGNALS. HAS SIX CRYSTAL-CONTROLLED FREQUENCIES WHICH MAY BE PRESET FOR TRANSMISSION AND RECEPTION. MANUAL CONTROL FOR RECEIVING IS ALSO PROVIDED. WITH TUBES 6H6, 6J5, 6K6, 5/6L6, 6SA7, 3/6SK7, 12J5, AND 2/807. POWER SUPPLY REQUIRED 115V. AC 60 CYCLE (PE-110). SIZE: 18x21x13 WT: 150 LBS. PRICE: USED NEED WORK, \$39.95

PE-110D 115V. AC POWER SUPPLY FOR BC-669; WT: 100 LBS. PRICE: \$30.00 UNUSED
RM-21 CONTROL BOX FOR REMOTE OPERATION OF BC-669, WT: 8 LBS. PRICE: \$3.95

BROADCAST RECEIVER

R-22 RECEIVER 550 TO 1500 KC AM, ONE BAND CONTINUOUS TUNING, NO DIAL (SEE BELOW FOR CONTROL BOX) WITH TUBES 2/14A7, 1/14S7, 1/14R7, 1/14F7 AND 1/12A6. VOLTAGES REQUIRED 250-290 VDC @ 50-90MA. AND 24 VOLTS. SIZE: 6x5x11 1/2; WT: 10 LBS. PRICE: NEW \$22.50

CONTROL BOX FOR RECEIVER WITH ADAPTER THAT CAN BE USED ON ANY RECEIVER OF THIS TYPE. SCALE WILL HAVE TO BE CHANGED C-26 CONT. BOX W/ADAPTER \$4.

BC-348 RECEIVER A.M. SIX BANDS 200-500 KC & 1.5-18 MC. CRYSTAL PHASING, ANTENNA ALIGN, BEAT OSC., & AUDIO GAIN CONTROLS, VERNIER & SPEED TUNING, AVC, MVC, PHONE AND C.W. PHONE & SPEAKER JACKS, LARGE ILLUM. DIAL. WITH TUBES 4/6SK7, 6SJ7, 6SA7, 6SR7 & 6K6. VOLTAGES REQUIRE 220 VDC @ 70 MA. & 24 V. SIZE: 18x10x9 1/2; WT: 40 LBS. PRICES LESS DYN. PRICES: USED CHECKED \$79.50 NOT CHECKED \$60.
DM-28 DYNAMOTOR 28 VOLT D.C USED \$4.95
115 V. 60 CYC POWER SUPP. W/SPEAKER \$21.00
FT-154 SHOCK MOUNTING \$2.75
PL-103C PLUG FOR REAR OF RECEIVER 2.50

TEST UNIT

H-19 TEST UNIT FOR ARC-12 TRANSMITTERS AND RECEIVERS. CHECKS TRANS. CRYSTAL, T-11, T-13, T-21, T-23, T-20, T-22. REC. TUNING SEC. WITH DIALS FOR RANGES 118-148, 520-1.5, 190-550 AND 108-135 MC. RUGGEDIZED METER 200 MICRO AMP 0-30 SCALE 2 1/2", TEL & MIC JACK, COAX. CONN. FOR REC. TRANS. LOOP. CIRCUIT BREAKER ON/OFF SW. 20 POS. SELECTOR SW. AND 6 POS. VOL. CONT. RELAY ETC. CAN ALSO BE USED FOR CONTROL OF TRANS./REC. SIZE: 7x5 1/2x3; WT: 5 LBS. UNUSED PRICE: \$7.95

R-508/R-19/ARC RECEIVER 118 TO 148 MC. AM, 15 MC I.F. WITH TUBES 3/9003, 1/9002, 2/14R7, 1/14F7 AND 1/12A6, VOLTAGE REQUIRED 24-28 V FOR LOW, 250 VDC @ 60 MA. FOR HIGH VOLTAGE NO DIAL, DESIGNED FOR REMOTE TUNING. SIZE: 6x5x11 1/2; WT: 10 LBS. USED \$18.95

BC-652 RECEIVER

BC-652-A RADIO RECEIVER, 2.0 TO 6.0 MHZ IN TWO BANDS OF 2 TO 3.5 MHZ AND 3.5 TO 6 MHZ. SUPERHETERODYNE TYPE UNIT RECEIVES CW, TONE OR VOICE. CRYSTAL FREQUENCY CALIBRATOR ALDOWS ACCURATE CALIBRATING EVERY 20 OR 100 KHZ. WITH INPUTS FOR HEADSET AND SPEAKER. WITH TUBES 2/6SC7, 2/12SK7, 2/12K8Y, 12 SG7, 12SR7, 12C8 6Y6 AND 6K8. POWER REQUIRED 172 VDC 138 MA. 12 VOLT OPERATION POSSIBLE USING DM-40, 24V, W/DM-41 DYNAMOTORS (NOT INCLD.) SIZE: 12x14 1/2x7 1/2; WT: 50 LBS. NOT CHECKED PRICE: UNUSED \$34.50 USED \$24.50

RECEIVER 108-135 MC

AIRCRAFT RADIO RECEIVER VHF 108 TO 135 MC AM, CONTINUOUS TUNING, NO DIAL ON RECEIVER DESIGNED FOR REMOTE USE 15 MC. I.F. REQUIRES 24/28 VOLTS FOR FILAMENT AND 250 VDC 60 MA. HV. HAS FACILITY FOR MOUNTING DYNAMOTOR ON THE REAR SUCH AS D-10/DM-32 WITH TUBES 3/9003, 1/9002, 2/14R7, 1/14A7, 1/14F7 & 1/12A6. HAS PHONE OUT PUT JACK ON THE FRONT ALSO INPUT & OUTPUT PL SIZE: 6x5x11 1/2; WT: 10 LBS.
R-15 RECEIVER NO SQUELCH USED \$16.95
R-509/ARC RECEIVER WITH SQUELCH, USED \$19.95
SPIN TUNING KNOB FOR LOCAL USE \$1.00
UG-88/U COAX. CONN. FOR ANTENNA USED \$.30

VHF RECEIVER-TRANSMITTER

VHF TRANSMITTING AND RECEIVING EQUIPMENT AM 100 TO 156 MC. CRYSTAL CONTROL ON 4 PRESELECTED CHANNELS IN THE RANGE SPECIFIED. R-28/ARC-5 RECEIVER (SHOWN ON THE LEFT) CRYSTALS ARE INSERTED IN THE FRONT OF THE SET BEHIND THE ACCESS DOOR, FREQ. DIAL AND SQUELCH ADJ. ARE ALSO ON THE FRONT. SELECTION OF CHANNEL IS DONE REMOTELY WITH THE USE OF THE C-30 /ARC-5 CONTROL UNIT WHICH IS AVAILABLE SEPARATELY. WITH TUBES 4/7I7, 3/12SH7, 2/12SL7 & 12A6 VOLTAGES REQUIRED 24/28 VDC FOR RELAYS AND SELECTOR MOTOR ETC. 250 VDC & 60 MA. HIGH V. DM-32 DYNAMOTOR CAN BE USED ON THE REAR OF THE SET FOR THE HIGH VOLTAGE. (FOR VARIABLE TUNING SEE SURPLUS CONVERSION MANUAL VOLUME 111 PRICE \$3.50) SIZE: 14x7 1/2x4 1/2; WT: 16 LBS. USED \$18.95

T-23/ARC-5 TRANSMITTER (SHOWN TO THE RIGHT) THE OUTPUT OF THIS UNIT AS DESIGNED IS APPROX. 10 WATTS HIGHER OUTPUT CAN BE OBTAINED AS IT HAS (2) TWO 832 TUBES AND TWO 1625'S. THE AUDIO POWER FOR MODULATING IS FURNISHED BY THE MD-7/ARC-5 MODULATOR WHICH IS AVAILABLE SEPARATELY. FREQ. CHANNEL SELECTION IS MADE BY USE OF THE C-30 CONTROL UNIT WHICH IS AVAILABLE SEPARATELY VOLTAGES REQ. 24/28 VDC FOR RELAYS & SELECTOR MOTOR ETC. APPROX 600 VDC @ 175 MA F/HIGH V. SIZE: 15x8 1/2x5 1/2; WT: 15 LBS. RE-NEW \$24.95
MD-7 MODULATOR; PUSH-PULL MODULATOR DESCRIBED ON PAGE 4 OF OUR REGULAR CATALOG RE-NEW \$12.00
C-30/ARC-5 CONTROL UNIT PAGE 19 CATALOG \$1.00

RECEIVER

R-11A RECEIVER 190-550 KC ONE BAND, 85 KC IF FREQ. WITH TUBES 2/14A7, 1/14S7, 1/14R7, 1/14F7 & 1/12A6 (14 SERIES TUBES ARE LOCAL FILAMENTS ARE WIRED FOR 12-14 OR 24-28 VOLTS, HIGH VOLTAGE REQ. 250 VDC 60MA. NO DIAL, DESIGNED FOR REMOTE USE BUT ITEMS LISTED BELOW CAN BE ADAPTED FOR LOCAL TUNING. SIZE: 6x5x11 1/2; WT: 10 LBS. USED \$7.95
BC-473 CONTROL BOX FOR LOCAL USE WITH ADAPTER WITH SET \$3.00 OTHERWISE \$4.00
SPIN TUNING KNOB FOR LOCAL USE #6743 \$1.00

SCR-522 RADIO SET

100-156 MC

RECEIVER-TRANSMITTER AM, FOUR CHANNEL, CRYSTAL CONTROL, 30 WATT OUTPUT, 18 TUBES AS FOLLOWS: TRANSMITTER, 1/6SS7, 2/832, 3/12A6, 1/6G6, RECEIVER, 1/9002, 1/9003, 3/12A6, 1/12C6, 2/12AH7, 1/12H6 & 3/12SG7. BOTH UNITS CAN BE REMOVED FROM CASE SEPARATELY. OVERALL SIZE: 16 1/2 x 12 1/2 x 10-3/4" WT: 49 LBS. PRICE: USED \$29.95



RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED, WITH TUBES \$14.95 NO TUBES \$7.95

TRANSMITTER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED WITH TUBES \$18.95 NO TUBES \$7.95

BC-602 CHANNEL SELECTOR CONTROL BOX WITH PUSH BUTTONS. BC-602B USED \$1.95 BC-602D NEW \$2.95

NOTE: FOR THE MICROPHONE & PHONE CIRCUITS JACKS CAN BE INSTALLED IN THE BC-602

JB-29 JUNCTION BOX	NEW \$2.95
AN-104 ANTENNA, METAL COVERED WOOD	NEW 1.95
PE-98 DYNAMOTOR 12 VOLT	USED 9.95
PE-94 " 24 "	4.95

PLUGS REQUIRED FOR THE EQUIPMENT

SCR-522 RECEIVER-TRANSMITTER REQUIRES THE FOLLOWING PLUGS, PL-173 TO ANTENNA, PL-169 TO DYNAMOTOR, PL-170 TO JB-29 JUNCTION BOX. \$1.50 EACH

BC-602 CONTROL BOX, REQUIRES FOLLOWING PLUGS, PL-169 TO JUNCTION BOX. \$1.50 EA.

PE-98 OR PE-94 DYNAMOTOR REQUIRES FOLLOWING PLUGS, PL-172 TO BATTERY, PL-171 TO RECEIVER-TRANSMITTER. \$1.50 EA.

JB-29 JUNCTION BOX, REQUIRES THE FOLLOWING PLUGS, PL-170 TO RECEIVER-TRANSMITTER, PL-169 TO BC-602 CONTROL BOX. \$1.50 EA.

PD-5/ARA-19 TUNING DRIVE FOR AM-203B AMPLIFIER; PART OF ARN-6 RADIO COMPASS REMOTE TUNING SYSTEM. WITH DELCO PM MOTOR. SIZE: 4 1/2 x 2 x 4; WT: 5 LBS. USED \$9.95; PLUG F/PD-5 \$1.50

BC-733 RECEIVER 108.3-110.3 MC AM

AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-POINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY. OPERATES ON SIX CRYSTAL CONTROL PRESET FREQ. COMPLETE WITH TEN TUBES: 1/12AH7, 2/12SG7, 3/717, 2/12SR7, 1/12SQ7 & 1/12A6. VOLTAGE REQUIRED; 24 VDC & 220 VDC 80 MA. WITH SCHEMATIC. SIZE: 13 1/2 x 5 x 7 WT: 17 LBS. PRICE: USED \$7.95

1-101C CROSS POINT INDICATOR, USED \$1.95 PL-257 PLUG TO FIT 1-101C 1.50

BC-732 CONTROL BOX USED \$1.95 NEW \$2.95 CABLE WITH PL-254 TO FIT BC-733 REC. AND PL-256 PLUG TO FIT BC-732 CONTROL BOX 3 FT. PRICE: \$4.95 PLUGS ONLY 1.50

DM-53 DYNAMOTOR 24 VOLT USED \$4.95 NEW \$6.95 DM-53 AZ " 12 " NEW 7.95 AS-27 RAMS HORN ANTENNA \$5.95 PL-284 TWIN COAX PLUG F/BC-733-AS-27 \$1.00

I-155-A TEST METER

I-155-A TEST UNIT FOR BC-950-A TRANSMITTER. APPEARS TO BE SIMILAR TO TS-178/ARM-1 USED TO CHECK VOLTAGES AND CURRENT IN THE CIRCUITS OF ARC-3 EQUIPMENT. INCLUDES 3 1/2" ROUND 0-100 SCALE FS=1 MA 150 OHM RES. METER COUPLED TO A 7-POSITION SWITCH. CHECKS (1) OSC. GRID CURRENT, (2) 1ST H-G GRID CURRENT, (3) 2ND H-G GRID CURRENT, (4) RF AMP GRID CURRENT, (5) RF AMP CATHODE CURRENT, (6) HEATER VOLTAGE AND (7) PLATE VOLTAGE. WITH 4' CORD AND PL-152 PLUG. SIZE: 8 1/2 x 4 WT: 4 LBS. UNUSED \$7.95

ARC-3 100-156 MC

R-77/ARC-3 VHF AIRCRAFT TYPE AM RECEIVER, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 9001, 9002, 12A6, 12H6, 12SH7, 12SL7, 2/12SN7, 3/12SG7 & 6/6AK5. VOLTAGE REQUIRED 24 VDC & 210 VDC 1.25 MA. SIZE: 11 x 7 x 15. WT: 21 LBS. W/SCHEMATIC PRICE: R-77/ARC-3 USED \$24.50

R-5009/ARC-502 24 CHANNEL USED \$24.95 PL-153 PLUG FOR FRONT OF SET \$ 2.50

T-67/ARC-3 VHF AIRCRAFT TYPE TRANSMITTER AM, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE, WITH TUBES 2/832, 2/6L6, 1/6J5, 3/6V6 & 1/12SH7. VOLTAGE REQUIRED 24 VDC & 410 VDC 325 MA. SIZE: 15 1/2 x 7 1/2 x 12 1/2. WT: 21 LBS. PRICE: RE-NEW WITH TUBES ... \$29.50

JB-68 JUNCTION BOX FOR ARC-3 RADIO SET USED TO MOUNT DYNAMOTORS DY-22 FOR REC & DY-21 FOR TRANS. ALSO HAS CONNECTOR PLUGS TO HOOK UP REC, TRANS, CONTROL BOX & POWER, & RELAYS. SIZE: 10 1/2 x 3 1/2 x 8 1/2. WT: 7 LBS. PRICE USED... \$7.95

CONNECTOR PLUG FOR EACH FACILITY \$2.50 EACH C-118/ARC-3 CONTROL BOX FOR RECEIVER AND TRANSMITTER. HAS EIGHT PUSH BUTTONS FOR CHANNEL SELECTION AND ONE FOR OFF. SIZE: 6 x 3 x 7 WT: 2 LBS. PRICE: \$4.95 CONNECTOR PLUG U-16/U 2.50

IE-36 TEST SET FOR SCR-522 REPRODUCES THE OPERATING FUNCTIONS OF THE CONTROL BOX & JACK BOXES OF THE RADIO BY PROVIDING HEADPHONE & MICROPHONE, CHANNEL SELECTION PLUS ALL OTHER CONTROLS NECESSARY TO OPERATION AND TESTING. CONTROL UNIT BC-1303 PLUGS DIRECTLY INTO THE SCR-522 ALSO HAS PHANTOM ANTENNA & CORD, LAMP EXTRACTOR, ADAPTER PHONE CORD, INSTRUCTION BOOK AND CARRYING CASE, 10 x 10 x 4; WT: 8 LBS. PRICE: NEW \$6.95

SCR-522 CABLES WITH PLUG ON ONE END AND LUG TERMINALS ON THE OTHER. EACH CABLE \$2.95 CX-58/VRC-1 PLQ-170 PLUG & LUGS, 36" LONG. CX-60/VRC-1 PL-169 " " " 36" " CX-62/VRC-1 PL-172 " " " 66" "



REMOTE READING MAGNESIA COMPASS SYSTEM AIRCRAFT TYPE. CONSISTS OF A MAGNESIA COMPASS THAT TRANSMITS TO A 3" INDICATOR THAT IS CALIBRATED IN DEGREES—N-S-E-W, AND IS OPERATED BY THE 12 VOLT DC INVERTER WHICH IS INCLUDED WITH THE SYSTEM. SHIPPING WEIGHT: 15 LBS. PRICE WITH TRANSMITTER, INDICATOR, INVERTER AND MANUAL.....\$39.95

R-316/ARR-26 RECEIVER 162.25 - 173.5 MC. FM NO COVER SUPPLIED DESIGNED TO RECEIVE SONOBOUY SIGNALS ON 16 PRE-SET CHANNELS. WITH TUBES 1/6J6, 2/6AL5, 7/6AS7, 1/6AU6, 1/12AU7, 1/12AV7 & 7/6AK5. NO POWER SUPPLY. REQUIRES 280 VDC @ APPROX. 125 MA. AND FILAMENT VOLTAGES. OUTPUT OF THE SET USES A 12AU7 IN A CATHODE FOLLOWER CIRCUIT WHICH IS SUFFICIENT FOR HEAD SET. (SCHEMATIC AND CONVERSION INFORMATION FOR 145-175 MC SUPPLIED WILL INCLUDE ADDITION OF AUDIO, SQUELCH AND 115 VOLT 60 CYCLE POWER SUPPLY CIRCUITS.) SIZE 5 x 8 x 17; WT: 13 LBS. PRICE USED \$22.95

AMPLIFIER AM-203B/ARA-19 AMPLIFIER; PART OF REMOTE TUNING SYSTEM AS USED WITH ARN-6 RADIO COMPASS WHICH PROVIDES AN ACCURATE MEANS OF TUNING SET ELECTRICALLY. OPERATES FROM 24 VDC. WITH 2/26A7 TUBES AND 1/12SN7 TUBE. SIZE: 5 1/2 x 4 1/2; WT: 6 LBS. PRICE: RE-NEW \$8.95

RECEIVER-TRANSMITTER

RT-178/ARC-27 RECEIVER-TRANSMITTER, AM 225 TO 399.9 MC ON 1750 CHANNELS 100 KC. APART ALSO A SEPARATE GUARD CHANNEL RECEIVER FOR OPERATION IN THE 238 TO 248 MC. BAND. REC/TRANS. CAN BE PRE-SET ON ANY 18 CHANNELS IN THE RANGE BY PROPER SELECTION OF CRYSTALS (CR-23)

THE SET HAS PLUG-IN TYPE SUBASSEMBLIES CONSISTING OF GUARD REC, SPECTRUM AMPL, R.F POWER AMPL, BIAS RELAY ASSY, MECH. DRIVE ASSY, MODULATOR, SPECTRUM OSCILL, MAIN REC. ASSY, I.F. AND AUDIO, 20-30 MC I.F. AMP. WITH CRYSTAL SEC. DYNAMOTOR AND BLOWER. POWER REQ. 27.5 VDC 25 A. UNIT COMES WITH 56 TUBES AND IS USED SERVICEABLE. SIZE: 27 1/2 x 11 1/2 x 12 1/2; WT: 85 LBS. \$75.00

GUARD RECEIVER AS USED IN RT-178/ARC-27, COVERS FREQ. OF 238 TO 248 MC. SINGLE CHANNEL WITH AUDIO OUTPUT IS COUPLED TO THE MAIN SET, DUAL CONVERSION 19.4 MC 1ST I.F. 3.45 FINAL I.F. WITH R.F GAIN CONT. AND SQUELCH CIR. WITH TUBES 5/12AT7, 1/6AK5, 1/6AG5, 2/6BA6 & 2/6AL5. SIZE: 8 x 4 x 4; WT: 4 LBS. P/T# 504-9780-005 PRICE: USED \$7.95 STK#5821-505-3684

20-30 MC IF AMPLIFIER WITH CRYSTAL MOUNTING AND SELECTION SWITCH. THE CRYSTAL MOUNTING IS FOR 10 CR-23/U CRYSTAL HOLDERS, THE CRYSTAL SWITCH IS OPERATED IN CONJUNCTION WITH THE SLUG TUNED COILS AND A SCREWDRIVER IS USED FOR THIS PURPOSE. WITH TUBES 6/6AG5 AND 12AT7. #5821-505-3236 SIZE: 7 1/2 x 4 x 3 1/2; 4 LBS. USED \$6.95

I.F. AND AUDIO AMPLIFIER AS USED IN ARC-27. THE 5.7-4.8 MC I-F AMP. FOR THE RECEIVER AND TRANSMITTER ARE TWO SEPARATE SECTIONS WITH 3.45 MC I.F TO THE DETECTOR AND AVC GATE ALSO SQUELCH/AUDIO AND AUDIO AM. SECTIONS. WITH TUBES 7/6BA6, 6/12AT7, 1/6AG5 AND 2/6AL5. SIZE: 8 1/2 x 5 1/2 x 4; WT: 5 LBS. P/T#505-0317-036 PRICE: USED \$8.95

POWER AMPLIFIER FOR ARC-27 USING 2C39A OUTPUT TUBE DRIVEN BY A 2C39A WHICH IN TURN IS DRIVEN BY A 2C43. THE LATTER IS DRIVEN BY THE OUTPUT OF THE TRANS. PRE-AMPL. WHICH IS NOT PART OF THIS SUB-ASSY. WITH 2/2C39A AND 1/2C43 TUBES. STK#5821-553-4602 USED \$14.95 EACH OF THE ABOVE ARC-27 ARE PLUG-IN TYPES MATCHING CONNECTORS TO FIT ARC-27 PLUG-IN SUB-ASSEMBLIES ARE AVAILABLE AT \$1.00 EACH SCHEMATICS FOR ARC-27 SUB-ASSEMBLIES \$1 "

RADIO COMPASS

RA 101A/ARN-6 RADIO COMPASS WITH A FREQUENCY RANGE OF 100-1750 KC IN FOUR BANDS. COMPLETE WITH TUBES 6/12SK7, 4/12SX7, 1/12SY7, 1/12SN7, 2/26A7, 2/2050. OPERATES FROM 26.5VDC. WT. 35L. SIZE: 11 1/2 x 7 1/2 x 15 1/2 PRICE: \$39.50

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS. OPERATES FROM 26 VOLTS 400 CYC. SIZE: 10 x 11 x 5 WT. 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95 MANUAL FOR RA 101A/ARN-6.....\$5.00

ID-91 B/ARN-6 INDICATOR 0-360 DEG. 3 1/2" DIA. INDICATOR FOR ARN-6 RADIO COMPASS SYSTEM \$8.95

C-149 A/ARN-6 CONTROL BOX BOX CONTAINS THE FOLLOWING CONTROLS. OFF-COMP.-ANT.-LOOP; FUNCTION SWITCH, TUNING METER, LOOP L-R SWITCH, LIGHT CONTROL, DIAL BAND SWITCH, CONTROL SWITCH, TUNING CRANK, AUDIO CONTROL, CW- VOICE SWITCH. \$8.95

U.H.F. RECEIVER



R-48/TRC-8 RECEIVER F.M. 230 TO 250 MC. ONE BAND VARIABLE TUNING, VOLTAGE REQUIRED 115/230 60 CYC. WITH SPEAKER, PHONE JACK, SQUELCH CIRCUIT 2 1/2" METER FOR CIRCUIT CHECKING. WITH TUBES 8/6AG7, 1/9002, 1/504, 1/6V6, 1/VR-150, 1/6N7, 1/6SN7, 1/6AL7. SIZE: 20x19x16; WT: 75 LBS. USED \$34.95

FM TRANSMITTER 70-100 MC



T-14/TRC-1 TRANSMITTER F.M. 70 TO 100 MC 40 W. 115/230 V 60 CYCLE INPUT. WITH TUBES 1/829, 4/6V6, 1/6SL7, 1/6SN7, 2/6AC7, 1/816 & 5R4. PHASE SHIFT MODULATION -30 KC., 2 1/2" METER FOR MEASURING THE VOLTAGES OF THE DIFFERENT STAGES

CRYSTAL CONTROL ON ONE CHANNEL IN THE RANGE. SIZE: 16 1/2 x 10 x 12; WT: SHPG. 100 LBS. PRICE: GOV'T RE-COND. \$49.50 AM-8/TRA-1 POWER AMPLIFIER SHOWN BELOW OF THIS CATALOG CAN BE USED TO BOOST THE POWER 200 WATTS. PRICE: USED \$18.95 RE-COND \$24.95

POWER AMPLIFIER



AM-8/TRA-1 POWER AMPLIFIER FOR 70-100 MC F.M. 200 WATT WITH A RF INPUT OF 25 WATT (APPROX.) IMPEDANCE 70 OHM USES 2/4E27 TUBES IN CLASS "C" PUSH-PULL TUNED PLATE CIRCUIT AND 3/OD3 V.R. TUBE THE FILAMENT TRANSFORMER 5 V. CT 15 A. IS SUPPLIED

IN THE UNIT, -100 VDC, 450 VDC @ 40 MA AND 2000 VDC 250 MA ARE ALSO REQUIRED BUT ARE NOT IN THE UNIT. A 115 V. 60 CYCLE BLOWER IS ALSO IN THE EQUIP. VAR. CAP. DUAL 5-50 & 7-35 MMF SIZE: 16x10x12; WT: 55 LBS. IN CHEST 100 LBS PRICE: LESS 4E27 TUBES, U \$18.50 RE-NEW \$24.50 WITH TWO (2) 4E27 TUBES \$10.00 EXTRA

TRANSMITTER



RCA ET-8019-A RADIOTELEGRAPH TRANSMITTER SRT-4A AM-CW-MCW 2000 TO 22,140 KC IN FOUR BANDS, 200 WATTS, CRYSTAL OR MASTER OSCILLATOR CONTROL. WITH TUBES 1/807 OSC. STAGE, 1/807 BUFFER AMP. AND 2/813 IN POWER AMPLIFIER. METERS (3 1/2") READ FIL. VOLTS, GRID CURR. PLATE CURR. LARGE 3 1/2" OSCILLATOR TUNING DIAL, PLUS ALL THE CONTROLS YOU NEED FOR A GOOD TRANSMITTER. POWER REQUIRED 1200 VOLTS DC @ 500 MA. PLUS VOLTAGES REQ. FOR TUBE FILAMENTS. TRANSMITTER SIZE WITH SHOCK MTG. 39" HIGH X 14 1/2" WIDE X 19 1/2" DEEP. ACTUAL WEIGHT 135 LBS. SHPG 334 LB PRICE: RE-NEW ORIG. BOX \$89.50 MANUAL 8.50

\$89.50

C-1192/SRT-4A CONTROL UNIT FOR 115 VDC GENERATOR. CONTAINS 3 INCH SQUARE METER 1.5 KILOVOLT D.C. SCALE. DUAL RHEOSTAT 150 WATT EACH, 378 OHMS AND 585 OHMS, HEAVY DUTY START-STOP SWITCH, 3/4 AMP. 3000 VOLT FUSE AND 12 POSITION TERMINAL STRIP IN A METAL BOX HINGED SIZE 10 1/2 x 12 1/2 x 6 1/2; WT: 10 LBS. NEW \$10.00

SA-306/SRT-3A STARTER-MOTOR GE-MAGNETIC CONTROLLER DC 115 V CR 4052-Y1, CAT#6934846G11 WITH THERMAL HEATER CUTOUT, 81D254, 11.1-11.8 AMPS. NEW SIZE: 7x9x7; WT: 12 LBS. \$9.95

F-198/SRT-3A ELECTRICAL NOISE SUPPRESSOR WITH 2-22 OHMITE RF CHOKES, 20 AMPS, 2- .5 1000 V CAP. OIL AND 2-.01 2500 V MICR. CAPACITORS. SIZE: 9x6x3 1/2; 5LBS. NEW \$4.95

VHF RECEIVER



BC-639 RECEIVER AM 100 TO 156 MC CONTINUOUS TUNING OVER THE ENTIRE RANGE. CONTROLS FOR CW, TONE, AVC-MANUAL, R.F. AUDIO GAIN, ATTENUATION, SENSITIVITY ETC. TUNING METER, PHONE JACKS ETC. WITH TUBES 1/6SC7, 1/6K6, 4/6SG7, 1/9002 & 3/9003.

SEPARATE RA-42 POWER SUPPLY THAT SUPPLIES ALL THE REQUIRED VOLTAGES AND OPERATES FROM 115/230 VOLT 60 CYC. BOTH UNITS ARE DESIGNED FOR 19" RACK MOUNTING. REC. 10 1/2" HIGH, P.S. 7" H. SHPG. WT: 75 LBS. PRICE: USED SERVICEABLE \$60.00 CHECKED \$75.00

U.H.F. RECEIVER



R-278 RECEIVER 225-399.9 MC, AM, CRYSTAL FREQ. CONTROL 1750 CHANNELS 0.1 MC INTERVALS, 10 PRESET CHANNELS, AUDIO FREQ. RESPONSE WIDE 200 TO 20,000 CYCLES NARROW 200 TO 5000 CYCLES AVC, SQUELCH, AIR COOLED, POWER REQ. 115/230 V. 50-60 CYCLE. UNITIZED CHASSIS, RACK MTG. SIZE: 19x12 1/2 x 20; WT: 115 LBS. USED SERVICEABLE

PRICE: R-278 WITH FORTY-FOUR TUBES, LESS GUARD CHANNEL USED \$125.00

RINGER AND TELEPHONE



C-1151/TC CONTROL MONITOR WITH SUB-CYCLE RINGER WITH TELEPHONE HANDSET. USED WITH TCC-13 MULTIPLEXER, AUDIO FREQ. INPUT 1000 CY SINE-WAVE, AURAL MONITORING. SUB-CYCLE PUTS OUT

75 -- 110 VOLT 7.5 WATTS, 16-2/3 AND 20 CYCLE FOR LINE RINGING. POWER REQ. FOR OPERATION OF UNIT AND TELEPHONE SYSTEM 115 V. 50/60 CYCLE. PUSH BUTTON SWITCHES FOR REC-SEND-TEL-MANUAL OPERATION. TWO OR MORE UNITS CAN BE USED TOGETHER FOR SINGLE CIRCUIT TELEPHONE OPERATION RACK MTG. 19x10 1/2 x 23 1/2; WT: 60 LBS. PRICE: USED SERVICEABLE EXCELLENT \$35.00

TELEPHONE MODEM

MD-179/TC TELEPHONE, MODEM; 1 CKT. OF 1 VOICE CHANNEL 300 TO 3500 CYC FREQ RANGE, 8 KC PTM LUSE TRAIN, 1 MICROSEC. PULSE WD. 1/2 MICROSEC. DEVIATION FOR TRANS. 300 TO 3500 CYC FREQ. RANGE, 192 KC PTM PULSE TRAIN 1 MICROSEC. PULSE WD. 1/2 MICROSEC. DEVIATION FOR REC. 2 OR WIRE OPER. WITH TUBES 12AT7 AUDIO AMPL & PPM MOD. 12AT7 GATE GEN. PWM CONV. 12AT7 CLIPPER AMP. AUDIO AMPL. 12AT7 CLIPPER SHAPER & MIXER, 12AT7 D-C AMPL. & RINGING RELAY CONTROL. VOLTAGE REQUIRED 250 VDC AND 6.3 V. WITH 4 POS. TEST SW.; AUDIO GAIN AND DELAY PULSE POS. CONT. AND PWM AND PPM TEST JACKS. ALSO 18 CONTACT CONTINENTAL CHASSIS COMM. AND MATCHING PLUG. P/O TCC-13 MULTIPLEXER SYSTEM SIZE: 8 1/2 x 2 1/2 x 16; WT: 10 LB. EX-COND. \$4.95



RANGE RADAR INDICATOR



ID-169/APN-12 INDICATOR OSCILLOSCOPE; USED TO DETERMINE RANGE OF RADAR NAVIGATIONAL BEACON EQUIPMENT WHEN USED WITH RADAR REC-TRANS UNITS FOR WHICH IT WAS DESIGNED. HAS VERTICAL, FOCUS, SWEEP, INTENSITY CONTROLS ON FRONT PANEL.

MOTORIZED COAXIAL SWITCHING UNIT FOR ANTENNAS WITH TUBES 1/3BP1, 2/6H6, 2/6SN7, 1/6G6, 1/6X5, 1/2X2. POWER REQUIRED 115 VOLT 400 CYCLE AND 24 VOLTS DC. (TRANSFORMER OUTPUT VOLTAGE APPROX. 425 VOLTS.) SCHEMATIC ONLY \$1 SIZE: 10x8x22; WT: 30 LBS. GOV'T RE-COND \$14.95

RECEIVER 105 TO 190 MC



R-516/URR-27 RECEIVER UHF 105 TO 190 MHZ CONTINUOUS TUNING OVER THE ENTIRE RANGE WITH CRYSTAL CONTROL ON ONE PRE-SET FREQUENCY. AM, 18.6 MHZ IF WIDTH. SCANNING PROVISIONS FOR PAN-ADAPTER 600 KHZ BANDWIDTH. INPUT IMPEDANCE 51 OHMS; AUDIO 60 MW INTO 600 OHMS OR 600 MW INTO 60 OHMS; PHONE JACK MAX. 60 MW INTO 600 OHMS. BENCH OR RACK MOUNTING. POWER REQUIRED: 115 VOLT 60 HZ. SIZE: 3 1/2 x 17 1/2 x 19 1/2; WT: 65 LBS. PRICE: USED, REPARABLE \$115.00, CHECKED \$150 NEW, CHECKED FOR OPERATION \$175.00

RECEIVER 225 TO 400 MHZ

AN/URR-35 UHF RECEIVER, SAME AS URR-27 EXCEPT 225 TO 400 MHZ. PRICE: USED, REPARABLE \$75.00 CHECKED \$95.00



PP-638/U POWER SUPPLY; HIGH VOLTAGE OUTPUT 1100 VDC @ 320 MA AND 230 VDC @ 60 MA. LOW VOLTAGE 6.3 VAC @ 5.2 A. INPUT 115/230 VOLTS 60 CYCLE 660 WATTS. HAS TEST METER, 500 MA PLATE CURRENT AND 1.5 KILOVOLT METERS ALSO COOLING BLOWER FOR UPPER COMPARTMENT WHICH IS 15x9x8 1/2 INCHES. UNIT WAS DESIGNED TO BE USED WITH AM-494 AND AM-495 AMPLIFIERS. CABINET SIZE 31-5/8 H x 20 1/2 W x 24 1/2 D. WT: 150 LBS. PRICE: USED \$75.00 RE-NEW \$100

RECEIVER



BC-229 RECEIVER A.M. T.R.F. 201 TO 398 KHZ AND 2500 TO 4700 KHZ BY USE OF PLUG-IN COILS SUPPLIED WITH THE RECEIVER. WITH TUBES 37, 38, & 4/39. POWER REQUIRED FOR FILAMENTS 12 VOLTS, HIGH VOLTAGE APPROX. 200 TO 250 VOLTS DC @ 80 MA. SIZE: 16x8x7; WT: 15 LBS. PRICE: UNUSED WITH TUBES AND COILS \$9.95 CONNECTOR PLUG (1) REQ. \$1.50 TUNING KNOB \$1. A.C. POWER SUPPLY 115 VOLT 60 HZ WITH SPEAKER CONNECTING CABLE & PLUG. IN METAL CABINET SWITCH, AND PILOT LIGHT. NEW \$21.95

CONTROL TRANS. TELETYPE



C-292/TRA-7 CONTROL TRANSMITTER AND TELETYPEWRITER; WHEN USED IN RADIOTELETYPE SYSTEM IT PROVIDES FACILITIES FOR ESTABLISHING FULL DUPLEX, ONE-WAY REVERSIBLE, EMERGENCY CW, OR FREQUENCY-SHIFT TRANSMISSION OR RECEPTION. IT IS A REPEATER OF POLAR AND NEUTRAL RTTY SIG. AND CONVERTS POLAR SIG. REC FROM DUAL DEVERSITY CONVERTER INTO NEUTRAL TO OPER. A REC. TELETYPEWRITER. IT ALSO TRANSLATES NEUTRAL SIG. FROM A SENDING UNIT INTO POLAR SIG. FOR TRANS. OVER A WIRE LINE TO CONTROL A FREQ. SHIFT EXCITER. WITH 16 TUBES. POWER REQUIRED 115 VOLT 60 CYCLE. SIZE: CHASSIS ONLY RACK MTG. 10 1/2 x 19 x 13. 60 LB. PRICES: CHASSIS ONLY RACK MTG. USED \$19.95 WITH CABINET 21 1/2 x 12 1/2 x 17 1/2 (100LB) \$27.50 " " 19 1/2 x 10 1/2 x 13 1/2 (90LB) \$24.75

EMERGENCY CW, OR FREQUENCY-SHIFT TRANSMISSION OR RECEPTION. IT IS A REPEATER OF POLAR AND NEUTRAL RTTY SIG. AND CONVERTS POLAR SIG. REC FROM DUAL DEVERSITY CONVERTER INTO NEUTRAL TO OPER. A REC. TELETYPEWRITER. IT ALSO TRANSLATES NEUTRAL SIG. FROM A SENDING UNIT INTO POLAR SIG. FOR TRANS. OVER A WIRE LINE TO CONTROL A FREQ. SHIFT EXCITER. WITH 16 TUBES. POWER REQUIRED 115 VOLT 60 CYCLE. SIZE: CHASSIS ONLY RACK MTG. 10 1/2 x 19 x 13. 60 LB. PRICES: CHASSIS ONLY RACK MTG. USED \$19.95 WITH CABINET 21 1/2 x 12 1/2 x 17 1/2 (100LB) \$27.50 " " 19 1/2 x 10 1/2 x 13 1/2 (90LB) \$24.75

AUTO ALARM RECEIVER AR-8600X FOR 500 KC DISTRESS FREQUENCY. THE INTERNATIONAL AUTO ALARM SIGNAL CONSISTS OF A SERIES OF DASHES FOUR SECONDS IN LENGTH, SEPARATED BY SPACES HAVING A DURATION OF ONE SECOND. WHEN THE CORRECT SIGNAL IS RECEIVED IT WILL ACTUATE THE WARNING BELL. THIS RECEIVER-SELECTOR WAS DESIGNED FOR SHIPBOARD USE AND REQUIRES 115 VDC 1.5 AMPS. FOR THE PLATE, SCREEN, FILAMENT VOLTAGE ALSO 6 VDC FOR THE BELL AND RELAY, MAX. 3 AMP. WITH TUBES 2/6K7, 1/6H6, 1/6A8 & 5/1611 W/ALARM BELL. SIZE: 26x14x11; SHPG. WT: 100 LBS. MANUALS \$7.50 PRICES: SERVICEABLE; USED \$50.00 UNUSED \$75.00



BD-71 SWITCHBOARD, PORTABLE SIX LINE HAND-RINGING MAGNETO TYPE USING FLASHLIGHT BATTERIES FOR OPERATION. REPEATING COILS ON TWO LINES FOR SIMPLEXING, DROP SIGNAL AND NIGHT CALL BELL. CAN BE USED WITH ANY MAGNETO TYPE TELEPHONES SUCH AS EE-8, RM-29, BD-72, 89, 91, 96, ETC. IDEAL FOR FACTORY, CAMP, FARM OR MOTEL. WITH CHESTSET MICROPHONE AND HEADSET; FOLDING LEGS. 18x12x14 WT: 75 LBS. USED \$14.95

EE-8 FIELD TELEPHONE, PORTABLE HAND-RINGING TYPE. CAN BE USED WITH ANY MAGNETO SWITCHBOARD SYSTEM LIKE BD-71, 72, 89, 91, 96 ETC. OPERATES FROM FLASHLIGHT BATTERIES UP TO 17 MILES. TWO OR MORE PHONES CAN BE OPERATED ON TWO WIRE LINES. WITH CARRYING CASE (CHOICE OF LEATHER OR CANVAS), STRAP, AND HANDSET. 8x10x3 1/2 WT: 18 LBS. RE-NEW \$24.95



USE EE-8'S, LEATHER, NYLON OR CANVAS CASE DEPENDING AVAILABILITY \$16.95



RL-158/PTA-1 REEL ASSEMBLY WITH 500 FEET OF WD-1/TT INFANTRY FIELD WIRE. 6 1/2" DIAMETER WITH 4" LONG SPRING-LOADED CRANK. DETACHABLE AXLE HAS 4" LONG x 1 1/2" DIA. HAND GRIP. WT: 10 LBS. PRICE: UNUSED \$10.00

WD-1/TT INFANTRY FIELD WIRE; TWO CONDUCTOR TWISTED PAIR WITH FOUR TINNED-COPPER AND THREE GALVANIZED STEEL STRANDS PER COND. NYLON JACKET MOISTURE AND FUNGI RESISTANCE. 1250 FOOT ROLL \$15.00, FOUR FOR \$50.00



WD-36/TT WIRE AND DISPENSER; CANADA WIRE AND CABLE COMPANY. TWIN, PARALLEL CONDUCTOR, NO. 23 WIRE WITH PLASTIC INSULATION. 2500 FOOT LENGTH. DISPENSER SIZE: 6 1/2" DIA. x 4". WT. 7 LBS. \$9.95



JB-70 JUNCTION BOX; USED WITH BC-610 TRANSMITTER. FRONT PANEL HAS SWITCHES AND CONTROLS FOR REMOTE USE OF TRANS. HAS AC OUTLETS BOTTOM & SIDE, 4 LEADSET & 2 KEY JACKS, MIC PLUG, 2 WAFER, 4 TOGGLE, LEVER & START/STOP SWITCHES, CIRCUIT BREAKER, CABLES ETC. SIZE 19x13x5 1/2; WT: 40 LBS. PRICE: USED \$9.95



A-202 CODE PRACTICE TELEGRAPH KEY WITH BUZZER AND CORD. ADJUSTABLE KEY WITH ADJUSTABLE BUZZER THAT WILL OPERATE FROM 9-12 VOLT D.C. MOUNTED ON BLACK BAKELITE BOARD WITH ENOUGH ROOM TO REST FIST, RUBBER FEET ON BOTTOM. KEY SIZE 4x1 1/2x1 1/2. BUZZER SIZE 1 1/2x1 1/2x1 1/2; BOARD 3 1/2x7 1/2; WT: 1 1/2 LB. PRICE: NEW \$1.50

A.F.C. UNIT



AUTOMATIC FREQ. CONTROL UNIT No. 600671; USED WITH FIRE CONTROL SYSTEM, WITH 16 TUBES 2/5829, 11/5703, 2/5702, 1/5784; DPDT SIGMA RELAY THAT WILL OPERATE FROM 14VDC @ 2.8 MA, SLUG TUNED COILS, RESISTORS, CCND., ETC. (SORRY, FREQ. NOT DETERMINED, NO SCHEMATIC.) SIZE: 4x8x6 WT: 5LBS. USED \$2.95

5784; DPDT SIGMA RELAY THAT WILL OPERATE FROM 14VDC @ 2.8 MA, SLUG TUNED COILS, RESISTORS, CCND., ETC. (SORRY, FREQ. NOT DETERMINED, NO SCHEMATIC.) SIZE: 4x8x6 WT: 5LBS. USED \$2.95



TS-164 FREQUENCY METER CASE EMPTY CASE USED TO HOUSE FREQ METER BC-221, CAN ALSO BE USED FOR SIMILAR TYPES, HINGED FRONT COVER FOR CALIBRATION BOOK, FRONT COMPARTMENT SIZE 9 1/2x7 1/2x7 1/2, REAR COMPARTMENT HAS 2 BALLAST TUBES AND VOLTAGE REGULATOR TUBE VR-105, IS 2" DEEP. ALSO RELAY AND SHOCK-MOUNTING. SHPG. WT: 19 LB. NEW \$3.95



TA-1/PT TELEPHONE

SOUNDPOWERED TELEPHONE SET WITH AUDIBLE AND VISUAL CALL SYSTEM. PALM OPERATED GENERATOR PUTS OUT APPROX. 100 V. THAT SOUNDS BUZZER IN OTHER PHONE AND ACTUATES VISUAL INDICATOR. COILED CORD WITH PUSH TYPE BINDING POSTS FOR INTERCONNECTING WIRES TO BE FASTENED TO. COMES WITH FIBER CARRYING CASE. SIZE: 8 1/2x3 1/2x3 1/2; WT: ACT 2LB USED \$29.50 PAIR 2



TA-43/PT TELEPHONE SET IS A RUGGED, LIGHTWEIGHT, WATERPROOF FIELD TELEPHONE THAT CAN BE USED OUTDOORS ON A DESK OR WALL MOUNTED. HANDCRANK GENERATOR FOR RINGING BUZZER. REQUIRES 2/1 1/2 V BATT. FOR LOCAL USE NONE REQ. W/CB. UNIT COMES IN A CANVAS CASE & SHOULDER STRAP WITH ZIPPER. SIZE: 12x7x4; WT: 10 LBS. USED \$29.50



MULTIPEX

PHILCO CST-2 SIGNALING AND TERMINATION UNIT. FOR USE IN MULTIPLEX SYSTEMS FOR TRANSMISSION OF DIAL OR RINGDOWN SIGNALING AND TERMINATES A FOUR WIRE CIRCUIT OF THE MULTIPLEX INTO A TWO WIRE TELEPHONE CIRCUIT. A 3.5 KC TONE IS USED FOR SIGNALING. ALSO HAS CONTROLS FOR PROPER ATTENUATION OF VOICE LEVEL. OPERATES FROM 115 V. 60 CYC. AND IS COMPLETE WITH 2/12AU7 TUBES, RELAYS, RACK MTG. 19x4x12; WT: 25 LBS. PRICE: UNUSED \$39.95



TG-34 KEYSER: CODE PRACTICE SET USED TO REPRODUCE SIGNALS PREVIOUSLY RECORDED ON INKED PAPER TAPE, VARIABLE SPEED MOTOR, KEYING OSCILLATOR WITH SPEAKER, PHONE & KEY JACKS. POWER REQUIRED 115 V. 50/60 CYCLE. SUPPLIED WITH ONE EMPTY REEL. (PHOTO SHOWS REEL OF TAPE AS ILLUSTRATION ONLY.) COMES IN WOOD PORTABLE CARRYING CASE, SIZE 15x10x10; WT: 40 LBS.

PRICE: REPARABLE \$24.95 CHECKED... \$29.50

CODE PRACTICE TAPES: MADE ESPECIALLY FOR THE TG-34 KEYSER, SAME GROUPINGS AND SPEEDS AS USED BY THE GOV'T. NOT MOUNTED ON METAL REELS. FIFTEEN (15) TAPES TO SET. \$2 EA TAPE

#1 TO 4 COVER DIFFERENT GROUPS WIDE SPACE LETTERS	#9 12WPM CODED/GR
#5 WIDE SPACE NUMBERS & LETTERS	#10 12WPM TACT/MESS
#6 SWPM NUMBERS & LETTERS	#11 12 " " " "
#7 7WPM " " " "	#12 15 " " " "
#8 10 " CODED GROUPS OF 5	#13 15 " " " "
	#14 20 " " " "
	#15 20 " " " "

RM-52 REMOTE CONTROL UNIT (MACY'S PHONE PATCH)

USED FOR RE-CONTROL OF RADIO SET, OPERATES FROM 4 FLASHLIGHT BATTERIES. HAS MULTI-TAP TRANSFORMER, MIC, PHONE HIGH/LOW IMPEDANCE & JACKS. BASIC UNIT FOR MAKING MACY'S PATCH. SIZE: 7 1/2x3 1/2x5 1/2; WT: 5 LBS. PRICE: USED \$1.95 NEW \$2.95



RM-53 REMOTE CONTROL UNIT BASICALLY THE SAME AS RM-52 ONLY IT HAS A 3 POSITION SWITCH AND CORDS WITH PL-55 AND PL-68 PLUGS. SIZE: 8 1/2x4 1/2x4 1/2; 6 LBS. USED W/PLUGS & CORDS \$2.95



C-434/GRC CONTROL BOX USED WITH GRC-TYPE EQUIPMENT OVER TWO-WIRE TELEPHONE LINE. HANDCRANK MAGNETO GENERATOR FUNCTIONS AS A SINGLE PHASE 20 HZ RINGER. AUDIO CONNECTOR ON FRONT FOR USE WITH H-33/PT HANDSET. CONTROLS FOR LOCAL AND REMOTE USE, CALL LIGHT AND ALSO TWO 30" CORDS WITH UG-77 CONNECTORS IN THE REAR COMPARTMENT. INTERNAL SWITCH FOR BELL OR LAMP SIGNAL. WITH TWO SIGMA 80030 AND ONE GAC 21031 OCTAL RELAYS. (SEE PAGES 22 & 23 FOR SPECS.) UNIT USES TWO FLASHLIGHT BATTERIES. 10 1/2x8 1/2x3 1/2; WT: 12LB. PRICE: UNUSED \$10.95 LESS RELAYS \$6.95



AUTOMATIC ELECTRIC RELAY ASSEMBLY; 12 A/E TYPE RT-379-A1 RELAYS, 48VDC .1 AMP OPERATING 1D CONTACT ARRANG.

#D-857697 AUTOMATIC LINE FINDER, RACK MOUNTING SIZE: 13 1/2x4 1/2x6 1/2; 12 LBS. PRICE: W/COVER N\$12.95

AUTOMATIC ELECTRIC SWITCH ASSEMBLY

COMBINED HOWLER AND BREAKDOWN UNIT, 48 VDC, 4 DECK 26 CONTACT STEPPING SWITCH AND 5 RELAYS #D855332A RACK MOUNTING 3 1/2x4 1/2x6 1/2; 13 LBS. PRICE: W/COVER NEW \$10.95

STROWGER LINE FINDER

AND RELAY UNIT, USED IN CENTRAL OFFICE DIAL TELEPHONE EXCHANGE. THIS THE HEART OF THE SYSTEM AND IT HAS THE TWO BANKS OF CONTACTS AND WIPER CONTACT ARMS SHPG. WT: 15 LBS. #D580070/4D RE-MOVED \$15

STROWGER LINE FINDER AND RELAYS (8) WITH 2 BANKS OF CONTACTS AND WIPER CONTACT ARMS. SHPG. WT: 20 LBS. D240593 REMOVED \$17

REPEATER DIAL PULSE; TWO WAY OPERATION 8 TO 12 PULSES PER SEC. 2800 OHMS MAX. LOOP RES. SHPG. WT: 10 LBS. #D857917 REMOVED \$9.95

REPEATER #D857917-A, REMOVED, \$9.95

TELETYPE PAPER

TELETYPE PAPER 8 1/2" WIDE, 4 1/2" DIAMETER. THREE SHEETS OF PAPER, TWO SHEETS CARBON. WT: 4 LBS. 75¢ PER ROLL/12 ROLLS \$8.00
TELETYPE PERFORATOR TAPE 11/16" WIDE APPROX. 900 FEET OILED, THREE ROLLS FOR \$1.00

RELAY TEST SET

USED \$16.95 RE-COND. 21.95

1-193 RELAY TEST SET USED FOR TESTING 255, 255A, D-163119A, D-164 816A POLAR RELAYS ETC. FOR BIAS AND SENSITIVITY. THE ELECTRICAL CHARACTERISTICS ARE DETERMINED BY THE DEFLECTIONS OF THE METER. ALSO CONTAINS CIRCUIT FOR SENDING PULSES FOR TESTING EXTERNAL TELEGRAPH CIRCUITS AND A 10-20 CYCLE OSCILLATOR FOR TESTING AND LINE-UP PURPOSES. OPERATES FROM 115/130 VDC 10 WATTS. (RA-87 RECTIFIER SHOWN ON PAGE 8 OF THIS CATALOG WILL OPERATE THIS EQUIPMENT SHIPPED IN WOOD CHEST 24x12x13; WT: 75 LBS.)




TRANSMITTER SUB-ASSY. FILAMENT CHASSIS, PART OF AN/ALT-8 COUNTERMEASURES SET. CONSISTS OF CK927 FULL WAVE RECTIFIER CK843 SILICON RECT., TWO CK846 SILICON RECT., MAGNETIC AMPLIFIER TRANS. FIL. TRANS. 115/400CYC. SEC. 6.3/6A. MINIATUR POTS. AND DPST RELAY ALL MOUNTED ON CHASSIS 7 1/2x3x3 1/2; WT: 3LBS. PART #2527-501-G1 PRICE: NEW \$1.95

TS-27 LINE TEST SET




TS-27 LINE TEST SET; PORTABLE UNIT USED TO MEASURE CONDUCTOR AND INSULATION RESISTANCE, LOCATE GROUNDS, SHORTS AND CROSSES. ALSO MEASURES CAPACITANCE AND LOCATES OPENS. WORKS AS A MODIFIED WHEATSTONE BRIDGE USING A SLIDE WIRE POTENTIOMETER FOR TWO VARIABLE RESISTANCE ARMS. RES. RANGE: 0 TO 50 OHMS; CAPACITANCE RANGE: .075 TO 3.0 MFD. WITH GALANOMETER NULL METER (SENSITIVITY 1 UA PER DIVISION). CONNECTIONS FOR TELEPHONE, TEST CHARTS AND BRIEF INSTRUCTIONS INCLD. TEST LEADS NOT INCLD. BATTERY POWER REQUIRED: 90 VDC, 1.5 VDC, 4.5 VDC. BATTERIES NOT AVAIL. SIZE: 9x13 1/2x13 WT: 30 LBS. PRICE: USED SERVICEABLE \$49.50

Headsets Telephone Equipment Microphones Handsets




HS-33 HEADSET
NEWLY MANUF.
HEADBAND & 4 1/2 FT.
CORD WITH PL-55
TYPE PLUG. AIR
FORCE GREY. 600
OHM IMPED. WITH

MX-41/AR MEDIUM RUBBER CUSHIONS \$8.95
MC-162 SMALL RUBBER CUSHIONS \$7.95




HB-7 HEADBAND ONLY
WITH 4 1/2 FT.
CORD AND PL-55
TYPE PLUG. AIR
FORCE GREY. \$3.00

MX-41/AR MEDIUM SIZE RUBBER CUSHIONS \$1.25
MC-162 SMALL SIZE RUBBER CUSHIONS \$1.00




HS-23 HEADSET
NEWLY MANUF. W/4 1/2 FT. CORD & PL-55 TYPE PLUG. AIR FORCE GREY. 2000 OHM IMPED. WITH MX-41/AR MEDIUM SIZE RUBBER CUSHIONS \$7.95

MC-162 SMALL SIZE RUBBER CUSHIONS \$6.95




H-113/U HEADSET
600 OHM
SOFT PLASTIC
EAR CUSHIONS
18" CORD W/
PL-54 PLUG
THAT FITS
JK-26 JACK
(SEE CD-307
EXTENSION CORD ELSE-
WHERE ON THIS PAGE)
WT: 3LBS. USED-EX \$3.95

H-62 HEADSET SAME AS H-113/U ONLY IN BLACK AND HAS PROVISIONS FOR SNAPPING ON LIP MICROPHONE CW-51071 LISTED BELOW. USED-EX. \$3.95



H-63/U HEADSET
600&OHM
BOOM MIC
100 OHM
14" CORD
WITH
PLUGS.
\$4.95
USED
MIC. OR
PHONE
ELEMENTS
ONLY, \$1 EA.

T-24-S MICROPHONE HAND HELD BRASS CARBON MIC. W/50 OHM ELEMENT, PUSH TO TALK SWITCH, 5 1/2 FT. STRAIGHT CORD W/PL-68 PLUG. WT: 1 LB. PRICE: UNUSED \$3.95




TELEX HEADSET
\$3.95
UNUSED

HS-30 HEADSET
250 OHM
IMPEDANCE
HEARING
AID TYPE
LIGHT
WEIGHT
HEADBAND


7 FOOT CORD WITH PL-55 PLUG (CD-605) USED \$2.50 EA.

SECFY OHMS YOU WANT 40 1250 OR 4000 D.C. OHMS
GRAY PLASTIC BAND OVER METAL FRAME, RUBBER CUSHIONS, NO PLUG ON CORD. ELEMENTS ONLY FOR 1250 OHM 50¢



SPACE HELMET HEADSET, 600 OHM PHONE 100 OHM MIC. PADDED FRAME. U. \$3.95

RS-38 MICROPHONE
100 OHM CARBON
PRESS TO TALK
SWITCH ON TOP
5 FT. CORD WITH
PL-68 PLUG.
UNUSED W/COILED CORD
12"-36" \$7.95 21"-68" \$9.95

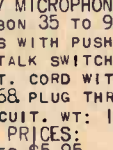


DYNAMIC HEADPHONES
50 OHMS IMP.
MOVING COIL
TYPE, F.H.G.H.
QUALITY RE-
PRODUCTION,
CHAMOIS CUS-
HIONS AND
"Y" CORD WITH PHONE PLUG.
#ZA/CANI638 UNUSED \$4.95



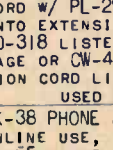
T-17 MICROPHONE
CARBON 35 TO 90
OHMS WITH PUSH
TO TALK SWITCH
5 FT. CORD WITH
PL-68 PLUG THREE
CIRCUIT. WT: 1LE
PRICES:
USED \$5.95

RE-CONDITIONED \$7.50



CW-51071 LIP MICROPHONE
100 OHMS IMPEDANCE W/
2 SNAPS FOR FASTENING
TO H-62 HEADSET, 14"
CORD W/ PL-291 PLUG
INTO EXTENSION CORD
CD-318 LISTED ON THIS
PAGE OR CW-49561 EXTEN-
SION CORD LISTED BELOW
USED \$1.00

JK-38 PHONE JACK FOR
INLINE USE, TAKES TWO
PL-55 PHONE PLUGS \$1

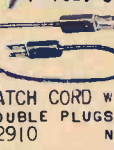


PUSH BUTTON SWITCHES
FOR HANDSETS THAT USE
BUTTERFLY TYPES.
DIRECT REPLACEMENT.
#5930-327-7308 \$1.25

**PATCH CORD WITH PJ-1
DOUBLE PLUGS, 2 FT LG
#2910 NEW \$2.95**

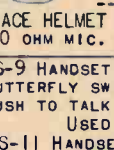
**DOUBLE PLUG D178452
F/HEADSET SIMILAR 289
298. #3850 NEW \$1.50**

**SWITCHBOARD CORD 4 1/2'
W/PL-47 #BD-96 \$1.00**

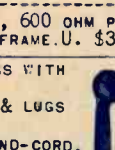


TS-9 HANDSET NO PLUGS WITH
BUTTERFLY SWITCH &
PUSH TO TALK SWITCH & LUGS
USED \$3.95


**TS-11 HANDSET; 4 COND-CORD,
5 1/2', CARBON MIC 50 OHM,
PHONE 3500 OHM, W/PL-106
PLUG. NEW \$4.95**



TS-9 HANDSET NO PLUGS WITH
BUTTERFLY SWITCH &
PUSH TO TALK SWITCH & LUGS
USED \$3.95



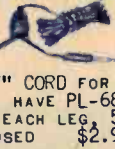
**TS-11 HANDSET; 4 COND-CORD,
5 1/2', CARBON MIC 50 OHM,
PHONE 3500 OHM, W/PL-106
PLUG. NEW \$4.95**



T-45 LIP MIC

**CD-494 "Y" CORD FOR
HANDSETS, HAVE PL-68,
PL-55 ON EACH LEG, 5'
LG. UNUSED \$2.95**

**CO-78 HEADSET "Y" CORD
7' LG. RUBBER COVER
ND PLUGS, TERM. \$1.50**



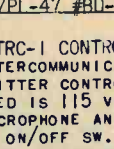
T-30 THROAT MIC. Elements only \$1.00 a dozen



T-30 MICROPHONE
CARBON TYPE 75 OHM
50DB BELOW 1 MILL-
IVOLT, FLAT RESPNS
WITH PL-291 2 CONT
MALE PLUG, 11" CORD
PRICE: USED 3/\$1
UNUSED \$1.00



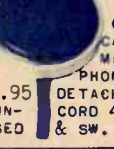
C-113/TRC-1 CONTROL UNIT
FOR INTERCOMMUNICATION AND
TRANSMITTER CONTROL. POWER
REQUIRED IS 115 VOLT 60 CYC
HAS MICROPHONE AND HEADSET
JACKS, ON/OFF SW. INTERCOM.
RADIO SW. BINDING POSTS FOR
CONNECTING TELEPHONE WIRE,
5 WIRE CABLE FOR FASTENING
TO TRANS. MIC CORD WITH PL-68 PLUG, AC LINE
CORD, PILOT LIGHT ETC. HOUSED IN WOOD CARRING
CASE. TWO OR MORE UNITS CAN BE HOOKED TOGETHER
FOR INTERCOM USE. TS-13 HANDSET CAN BE USE
WITH THIS SYSTEM. CABLES CAN BE STORED IN COM-
PARTMENT TO LEFT.
SIZE: 14x9 1/2x12; WT: 25 LB PRICE: USED \$6.95



TS-13 HANDSET
CARBON MIC.
50 OHM, PHONE
ELEMENT 3500
"Y" CORD PL-68
& PL-55, BUTTER
FLY SWITCH.
USED \$4.95

RS-83 100 OHM CARBON MICROPHONE W/ COILED CORD 1-4' BROOK-TEL BTU-1 NEW \$10.95

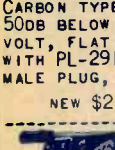
UN-1 DETACHABLE CORD 4 1/2' & SW. \$1.95




TS-13 HANDSET
CARBON MIC.
50 OHM, PHONE
ELEMENT 3500
"Y" CORD PL-68
& PL-55, BUTTER
FLY SWITCH.
USED \$4.95



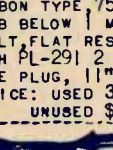
HANDSET HOLDER
RUBBER COVERED AS ILL-
USTRAS \$1.50
CAST ALUMINUM \$2.00



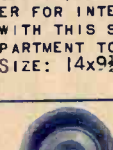
T-45 MICROPHONE
CARBON TYPE 100OHM
50DB BELOW 1 MILL-
VOLT, FLAT RESPNS
WITH PL-291 2 CONT
MALE PLUG, 11" CORD
NEW \$2.00



CD-307 CORD EXTEN-
SION FOR CORDS WIT
PL-54 PLUG AS USED
ON HEADSETS, 65" LG
WITH JK-26 JACK &
PL-55 PLUG.
USED \$1.00



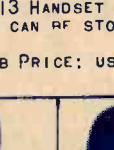
PL-55 RECEPTACLE WITH
PL-55 PLUG ON END
3 FT. CORD #R16-
G34820 NEW \$1.00



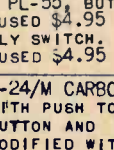
**R-15 PHONE ELE-
MENT 6000 OHM
W/RUBBER CUSH-
ION F/2" HEAD-
BAND MTG. \$1.25**

**PHONE ELEMENT
F/TS-9K HANDSET
250 OHM, 2 1/2" DIA
W/ CLIPS.
K.S #83R \$1.00**

**CANADIAN PHONE
ELEMENT 100 OHM
1 1/2" DIA. FOR
2" HEADBAND.
#C-3 10A/36988
\$.75**



T-24/M CARBON MICROPHONE
WITH PUSH TO TALK
BUTTON AND
MODIFIED WITH
4 FT. COILED
CORD & PL-68
PLUG. WT: 1/2 LB. PRICE: NEW \$4.95

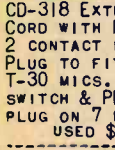


**M-29/U MICROPHONE; 40 TO
100 OHM IMPEDANCE. 300
TO 4000 HZ FREQ. WITH 72"
CORD AND UG-77 PLUG. PUSH-
TO-TALK. USED \$3.95**

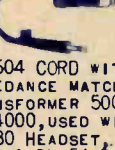
**M-52/U, SAME AS M-29 EX-
CEPT WITH PL-68 PLUG.
UNUSED: \$2.95**



**SA-148B/GSA-6 HAND
SWITCHBOX. "RADIC" SW.
MAKES 2, BREAKS 2;
"HOLD-ON" SW. RELEASES
"LOCK-ON" SWITCH. WITH
7 FT. STRAP. SIZE:
4 1/2x2 1/2x1 1/2; WT: 2 LBS.
PRICE: USED \$1.50**



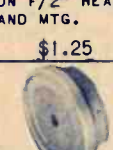
**CD-318 EXTENSION
CORD WITH PL-291
2 CONTACT FEMALE
PLUG TO FIT T-45 &
T-30 MICS. SW-141
SWITCH & PL-68 MIC
PLUG ON 7 FT. CORD
USED \$1.00**



**CD-604 CORD WITH
IMPEDANCE MATCHING
TRANSFORMER 500OHM
TO 4000, USED WITH
HS-30 HEADSET, 6"
CORD & PL-54 PLUG.
NEW 50¢ USED 25¢**



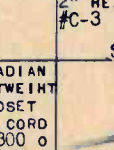
**MICROPHONE
BUTTON
CARBON
50 OHM
WILL REPL-
ACE F-1 ELEMENTS.
#K-53-0654 \$1.00**



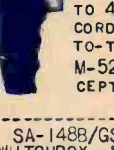
**PHONE ELEMENT
F/TS-13, H-23 ET
HANDSET, TYPE 41
3500 OHM, AUTO.
ELEC. D-5189A
\$1.00**

**CANADIAN LIGHTWEIGHT
HANDSET
NO CORD
PHONE 300 O
MIC. 50 OHM
#ITE NO1
MK-11
YA-7225
\$3.95**

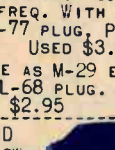
**CANADIAN MICRO-
PHONE W/ SWITCH
& CORD FOR ABOVE
PHONE, MAGNETIC
300 OHM, #10A/12
57L \$1.25**




**H-165/U HANDSET WITH ELE-
MENTS TA-235/PT AND
TA-117/PT. PUSH-TO-TALK
SWITCH; DULL-FINISH, HIGH-
IMPACT PLASTIC. COILED
CORD 2 TO 12 FT EXTENSION.
PRICE: UNUSED \$7.95**



**H-165/U HANDSET WITH ELE-
MENTS TA-235/PT AND
TA-117/PT. PUSH-TO-TALK
SWITCH; DULL-FINISH, HIGH-
IMPACT PLASTIC. COILED
CORD 2 TO 12 FT EXTENSION.
PRICE: UNUSED \$7.95**



**TELEPHONE BELLS
USE AS EXTENSION
IN SHOP
ETC.
2 LB.
4x4x1
#483661A
\$1.50**

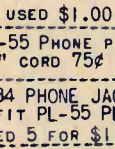


COILED CORD SET

COILED CORD SETS
THREE CONDUCTOR
24" TO 72" 75¢
12" TO 36" 50¢

FOUR CONDUCTOR
12" TO 36" \$1.00

ONE CONDUCTOR
#18 6 FT.-18 FT.
\$1.00




**MC-385 HIGH TO LOW
ADAPTER**
IMPEDANCE
FOR HEADSET
4000-600 OHM
USED \$0.50
NEW \$.75



**STANDARD TYPE
TELEPHONE
HANDSET AND
CORD.
USED..\$2.50**

**STANDARD
TELEPHONE
DIAL
USED \$1.50**



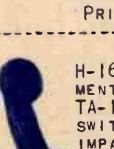
**HALLCRAFTER'S #085-000246 MICRO-
PHONE, MAGNETIC CONTROL TYPE WITH
TRANSISTORIZED PRE-AMP. 7 FOOT
COILED CORD, THREE WIRES
AND SHIELD. NEW \$9.95**

**MODEL CL-1 TRANSCON MICROPHONE;
HIGH IMPEDANCE DYNAMIC TYPE.
PUSH-TO-TALK. COILED CORD
STRETCHES TO 7 FEET. FOUR WIRES.
BEIGE COLOR. NEW \$7.95**

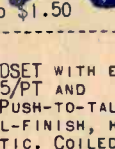


**HANDSET HOLDER FOR
HORIZONTAL
MOUNTING, SIZE
1 1/2x3 1/2 #6988
\$.50**

**TELEPHONE BELL FOR MAG-
NETO GENERATORS
MC-131
\$1.50**



**TELEPHONE BELLS
USE AS EXTENSION
IN SHOP
ETC.
2 LB.
4x4x1
#483661A
\$1.50**




**TELEPHONE BELLS
USE AS EXTENSION
IN SHOP
ETC.
2 LB.
4x4x1
#483661A
\$1.50**

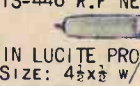
TRAILER LIGHTS BALANCING LOAD ASSY. USED FOR TAIL AND STOP LIGHTS. CONTAINS RESISTORS 1.1 40 WATT, 1.5 40 WATT, .6 & .8 OHM 70WATT SIZE 7x2x4; 3 LBS. MOPAR#B7015812 \$1.50



BUZZER 24/28 VOLTS D.C. IN SEALED CAN. TWO HOLE MTG. SIZE: 3x2x1 1/2; WT: 1 LB. #MH-12079 \$.75




TS-446 R.F. NEON INDICATOR
IN LUCITE PROBE, NE-2 BULB
SIZE: 4 1/2 x 3/8 W/CLIP \$1.00



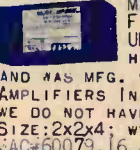
GEARED MOTOR & POTENTIOMETER CONTROL. EASTERN AIR MOTOR J33D-24, 120 V. 400CY 1/50 H.P. CONNECTED TO GEARED ASSY TERMINATING TO SPLINED SHAFT RECEPTACLE, SMALL TYPE, THAT TURNS 45 RPM, ALSO GEARED TO TRIPLE GANGED POTS. THAT TURN 1/5 RPM WITH INDICATOR, 2 POTS 1K OHM 1/200K. SIZE: 5 1/2 x 3 1/2 RD. WT: 3 LBS. #7608155 REM \$3.




CRY BUTTONS REFLECTORS. CAN BE USED TO MAKE SIGNS OR MARKERS. SHINE WHEN EIGHT STRIKES 2" DIA. REQUIRES #10 NUT FOR MTG. NC#15-1, CARD OF 100 \$2.00



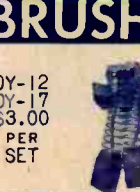
MAGNETIC AMPLIFIER SENSING UNIT. THIS UNIT HAS 8 TERMINALS AND WAS MFG. BY MAGNETIC AMPLIFIERS INC. THE SPECS. WE DO NOT HAVE AVAILABLE. SIZE: 2x2x4; WT: 1LB. #AC760079 16 UNUSED \$1.50



TELEREGISTER READOUT
IMPLUSE COUNTER RACHET TYPE NUMBERED 1-2-3-4-5-6-7-8-9-0, OPERATES FROM 12 VOLT DC NUMBER SIZE 3/8x1, MASK SIZE 1-3/8x1-7/8 LENGTH 4" WT: 1/2 LB. #TELEREGISTER K-1 PRICE: 75¢ EA. 2 FOR \$1.50



BRUSH SETS
DY-12
DY-17
\$3.00
PER SET



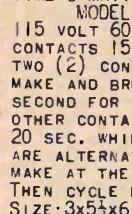
DM-21	DM-25	DM-28	DM-32
DM-33	DM-34	DM-35	DM-36
DM-37	DM-40	DM-41	DM-42
DM-43	DM-45	DM-53	DM-64
BD-83	BD-77	BD-93	BD-69
PE-73	PE-86		
DA-1A	DA-12	DA-14	DA-1F
DY-21	DY-22		SP-125

OTHER TYPES ALSO AVAILABLE SET OF FOUR BRUSHES \$1.00

TIME-O-MATIC SIGN-CONTROL MODEL 53 K-156
115 VOLT 60 CYC.
TWO CONTACTS 15 AMPERES EACH, ONE CONTACT MAKES & BREAKS EACH SEC. THEN MAKES FOR 7 SEC. OTHER CONTACT MAKES FOR 11 SECONDS THEN BREAKS FOR 3 SECONDS JUST AFTER FIRST CONTACT FINISHES MAKING & BREAKING
SIZE: 2x4 1/2 x 6; 3 LB. \$2.95



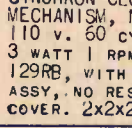
TIME-O-MATIC SIGN CONTROL MODEL 53 K-155
115 VOLT 60 CYCLE, THREE CONTACTS 15 AMPERES EACH, TWO (2) CONTACTS ALTERNATE MAKE AND BREAK ONCE PER SECOND FOR 15 SECONDS, OTHER CONTACT BREAKS FOR 20 SEC. WHILE THE OTHER 2 ARE ALTERNATING THEN ALL 3 MAKE AT THE SAME TIME. THEN CYCLE REPEATS AGAIN.
SIZE: 3x5 1/2 x 6; 3 LBS. \$4.95



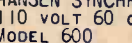
SYNCHRON CLOCK MECHANISM, No. 610
110 V. 60 CYC. 3 WATT 1 RPM MOTOR 143RA WITH GEAR ASSY WITH RESET. ALSO DUST COVER. SIZE: 3x3 1/2 x 2; 1 LB. #33-18-C1 \$1.75



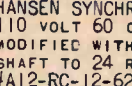
SYNCHRON CLOCK MECHANISM, No. 610
110 V. 60 CYCLE 3 WATT 1 RPM #EC-129RB, WITH GEAR ASSY, NO RESET OR COVER. 2x2x2 1/2; 4oz. \$1.35



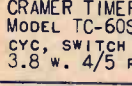
HANSEN SYNCHRON CLOCK MOTOR
110 VOLT 60 CYCLE ONE R.P.M. MODEL 600 \$1.50



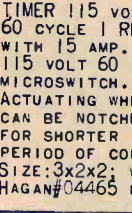
HANSEN SYNCHRON CLOCK MOTOR
110 VOLT 60 CYCLE 10 R.P.H. MODIFIED WITH SLEEVE OVER SHAFT TO 24 R.P.H. #A12-RC-12-62 \$1.50




CRAMER TIMER SWITCH ASSY. MODEL TC-60SEC, 230 V 60 CYC, SWITCH 5 AMP. CONT. 3.8 W. 4/5 RPM MOTOR. \$1.95




TIMER 115 VOLT 60 CYCLE 1 RPM WITH 15 AMP.
115 VOLT 60 CY MICROSWITCH. ACTUATING WHEEL CAN BE NOTCHED FOR SHORTER PERIOD OF CONTACT. SIZE: 3x2x2; WT: 3 OZ. HAGAN#04465 RE-MOVED \$2.95



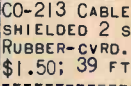
TIMER SPRING WOUND 360 DEGREES ONE HOUR, CAN BE TURNED ANY DEGREE & BELL WILL RING WHEN SPRING IS UN WOUND. SLOTTED & FLATENED SHAFT FOR KNOB. LUX#230
SIZE: 2 1/2 x 1 1/2; WT. 4 OZ. \$1.00



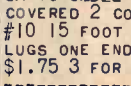
AS-207/CRT-3 ASSY WITH 300 FOOT OF 16 STRAND BRAIDED CADMIUM ALLOY COPPER WIRE ON RL-48 REEL WITH CRANK MOUNTED TO ALUMINUM DOOR WITH ADJUSTABLE BRAKE AND SNAP SWIVEL USED AS ANTENNA FOR GIBSON GIRL TRANSMITTERS, WIRE IS ATTACHED TO BALLOON OR KITE WHICH IS NOT SUPPLIED. SIZE: 4 1/2 x 2; 2 LBS. \$5.95



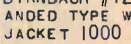
CO-213 CABLE 7 #20 SHIELDED 2 SEPARATE RUBBER-CVDR. 29 FT. \$1.50; 39 FT. \$2.50



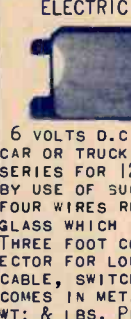
CA-76 CABLE RUBBER COVERED 2 CONDUCTOR #10 15 FOOT LENGTHS LUGS ONE END. 5LBS. \$1.75 3 FOR \$5.00



BIRNBACH #7218 SIZE 18 STRANDED TYPE WL. EXT. NYLON JACKET 1000 FT. REEL \$5.00



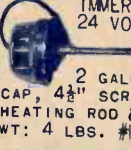
ELECTRIC DEFROSTER
6 VOLTS D.C. DEFROSTER FOR CAR OR TRUCK. USE TWO IN SERIES FOR 12 VDC. MOUNTS BY USE OF SUCTION CUPS, HAS FOUR WIRES RUNNING THROUGH GLASS WHICH IS 8" x 16". THREE FOOT CORD WITH CONNECTOR FOR LONGER LENGTH CABLE, SWITCH FOR LOW & HI. COMES IN METAL STORAGE CASE WT: & LBS. PRICE: \$3.95



VERNIER SET ATC TIMER WITH 15 MIN. TIMING PERIOD. SYNCHRONOUS MOTOR OPERATES FROM 230V 60 CYC AND HAS SPDT CONTACTS FOR CONTROL OF INDUSTRIAL EQUIPMENT. SIZE: 6 1/2 x 5 1/2 x 3 1/2 WT. 5 LBS. PRICE \$9.95 NEW



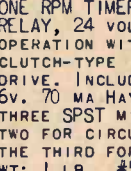
IMMERSION HEATER 24 VOLT AC/DC 50 W. WATTS
2 GALLON, 3" PRESS CAP, 4 1/2" SCREW CONE, 12" HEATING ROD & 5 FT. CORD. WT: 4 LBS. #LFCEA8801 \$2.95



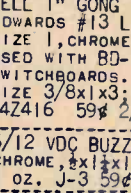
TIMER RELAYS
ONE FIFTH RPM TIMER RELAY, 6 VOLT 70 MA WITH HAYDON TIMER AND THREE SPDT MICROSWITCHES ROTATING CONTACT DISCS ARE VARIABLE FROM 0 TO 2 1/2 MINUTES IN CONTACT TIME. 4 1/2 x 3 1/2 x 2 1/2; WT: 1 LB. #5945-255-7124 PRICE: NEW \$5.95



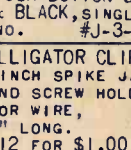
ONE RPM TIMER RELAY, 24 VOLT OPERATION WITH CLUTCH-TYPE DRIVE. INCLUDES 6V. 70 MA HAYDON TIMER AND THREE SPST MICROSWITCHES, TWO FOR CIRCUIT CONTACT, THE THIRD FOR RESET. 5 1/2 x 3 1/2 x 3 1/2; WT: 1 LB. #5635 NEW \$5.95




BELL 1" GONG 3 VDC EDWARDS #13 LUNGEN SIZE 1, CHROME PLATE USED WITH BD-71-72 SWITCHBOARDS. SIZE 3/8 x 1 1/2; 2 OZ. #42416 59¢ 2/\$1



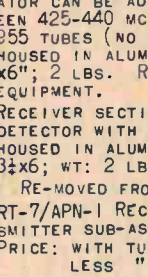
6/12 VDC BUZZER CHROME, #1 x 1 1/2; 2 OZ. J-3 59¢
PUSH-BUTTON SWITCH CHROME & BLACK, SINGLE HOLE MTG. NO. #J-3-PB 39¢
ALLIGATOR CLIP WITH PINCH SPIKE JAWS AND SCREW HOLDER FOR WIRE, 2" LONG. 12 FOR \$1.00



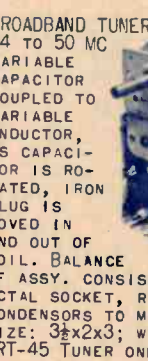
RADIO FREQUENCY SECTIONS TRANSMITTER - RECEIVER 418-462 MC PART OF R/T-7/APN1



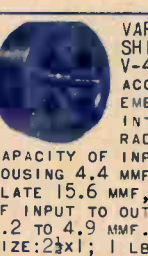
TRANSMITTER SECTION OSCILLATOR CAN BE ADJUSTED BETWEEN 425-440 MC. WITH TWO 955 TUBES (NO WOBULATOR) HOUSED IN ALUMINUM CAN 2 1/2 x 3 x 6"; 2 LBS. RE-MOVED FROM EQUIPMENT.
RECEIVER SECTION, BALANCED. DETECTOR WITH 2-9004 TUBES. HOUSED IN ALUMINUM CAN 2 1/2 x 3 x 6"; WT: 2 LBS.
RE-MOVED FROM EQUIPMENT
RT-7/APN-1 RECEIVER OR TRANSMITTER SUB-ASSEMBLY
PRICE: WITH TUBES... \$1.50
LESS " .75



BROADBAND TUNER 14 TO 50 MC VARIABLE CAPACITOR COUPLED TO VARIABLE INDUCTOR, AS CAPACITOR IS ROTATED, IRON SLUG IS MOVED IN AND OUT OF COIL. BALANCE OF ASSY. CONSISTS OF CERAMIC OCTAL SOCKET, RESISTORS AND CONDENSORS TO MAKE RF TUNER. SIZE: 3 1/2 x 2 x 3; WT: 1LB. RT-45 TUNER ONLY \$1.95



VARI-GON PHASE SHIFT CAPACITOR V-42. USED FOR ACCURATE MEASUREMENT OF TIME INTERVALS IN RADAR SYSTEMS. CAPACITY OF INPUT PLATE TO HOUSING 4.4 MMF. OUTPUT PLATE 15.6 MMF. CAP. VAR. OF INPUT TO OUTPUT PLATE 1.2 TO 4.9 MMF. SIZE: 2 1/2 x 1; 1 LB. \$2.95



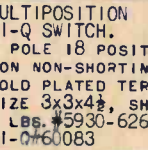
CAPACITY TUNER WITH AUTOTUNE 160 TO 211 MC WITH COND. RESISTORS 2/50-239 1/2C26 TUBE. 7 1/2 x 5 1/2 x 5 7 LBS. WITH TUBE \$2.95




RT-58/ARC-12 CHANNEL SELECTOR AND MOTOR ASSY. 10 POSITION AUTOTUNE MOTOR DRIVEN 26.5 VDC WITH 2 SHAFTS 60 RPM ALSO RELAYS. 4 1/2 x 6 1/2 x 3 1/2; 5 LB. #596C-1 \$2.95




MULTIPOSITION HI-Q SWITCH. 6 POLE 18 POSITION NON-SHORTING GOLD PLATED TERMINALS. SIZE 3x3x4 1/2, SHAFT 1x1 1/2 2 LBS. #5930-626-6224 HI-Q#60083 \$2.95



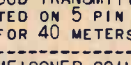
RATE-GYRO No. 8511364 28 VOLTS D.C. GYRO MOTOR WITH POTENTIOMETER. WESTERN ELECTRIC GA-10147-3 SIZE: 2 1/2 x 2 1/2 x 4; WT: 3LB. \$4.95



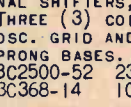
COMMAND RECEIVER COILS
85 KC I.F. \$1.50
1415 KC I.F. \$1.50
2830 KC I.F. \$1.50
1415 KC OSC. \$1.00
2830 KC OSC. \$1.50
3 TO 6 MC RF \$1.50
6 TO 9 MC RF \$1.50



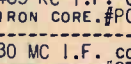
BUD TRANSMITTING COIL MOUNTED ON 5 PIN CERAMIC BASE FOR 40 METERS #3C804 \$1.00



MEISSNER COIL KIT FOR SIGNAL SHIFTERS, PLUG IN TYPE. THREE (3) COILS OSC. PLATE. OSC. GRID AND BUFFER, 5 & 6 PRONG BASES. SET OF 3 COILS 3C2500-52 2395-2835KC \$1 3C368-14 1000-1170KC \$1



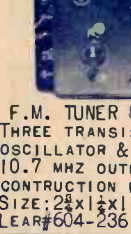
465 KC I.F. COIL SLUG TUNED IRON CORE. #PC77366-7 \$.75



30 MC I.F. COIL SLUG TUNED IRON CORE #227943.8 \$.50



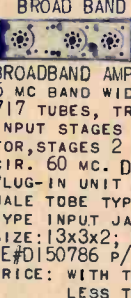
F.M. TUNER 88-108 MHZ THREE TRANSISTORS IN R.F. OSCILLATOR & MIXER STAGES 10.7 MHZ OUTPUT. MINATURE CONSTRUCTION BY LEAR CO. SIZE: 2 1/2 x 1 1/2 x 1; WT: 4 OZ. LEAR#604-236 USED \$1.00



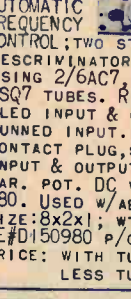
SYNTHESIZER I.F. & A.F.C. DETECTOR STRIP ASSEMBLY. FIRST IF MIXER APPROX. 12 MHZ, 2 STAGES OF AMPLIFICATION FEEDS INTO MIXER WITH IF APPROX. 500 KHZ. WITH TUBES 3/5702, 1/5703, 1/5829 & 1/5784, 2/UG-1051 COAX. CONN. CRYSTAL SOCKET, INPUT CONN. RESISTORS, COND. ETC. SIZE: 9 1/2 x 3 x 1; WT: 3 LBS. #RD-28105 USED \$2.95



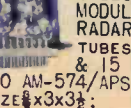
BROAD BAND AMPLIFIER
BROADBAND AMPLIFIER 60 MC 5 MC BAND WIDTH USING 5-717 TUBES, TRANS. COUPLING INPUT STAGES 2 & 3 & DETECTOR, STAGES 2 & 4 TUNED CIR. 60 MC. DC VOLTS 280. PLUG-IN UNIT WITH OCTAL MALE TUBE TYPE BASE, SINGLE TYPE INPUT JACK. SIZE: 13x3x2; WT: 5 LBS. WE#D150786 P/O BC-1148 PRICE: WITH TUBES \$3.95 LESS TUBES \$1.95



AUTOMATIC FREQUENCY CONTROL; TWO STAGE AMPLIFIER DISCRIMINATOR & DC AMPLIF. USING 2/6AC7, 1/6H6 & 1/6SQ7 TUBES. RESISTANCE COUPLED INPUT & OUTPUT, SLUG TUNED INPUT. TUBE TYPE 8 CONTACT PLUG, SINGLE CONT. INPUT & OUTPUT JACKS AND VAR. POT. DC VOLTAGE REQ. 280. USED W/ ABOVE UNIT. SIZE: 8x2x1; WT: 1 LB. WE#D150980 P/O BC-1148 PRICE: WITH TUBES \$3.95 LESS TUBES \$1.95



VIDEO AMPLIFIER MODULE FOR AFS-44 RADAR WITH 3/5977 TUBES, RESISTORS & 15 PRONG PLUG. P/O AM-574/APS-44; 8 OZ. SIZE: 3 1/2 x 3 1/2; PRICE: \$1.00



DYNAMOTORS

TYPE	INPUT VOLTS	INPUT AMPS.	OUTPUT VOLTS	OUTPUT AMPS.	SIZE	WEIGHT	EQUIPMENT USED WITH	PRICES	
								USED	RE-NEW
DM-21	14	3.3	235	.090	6x5x3	8	BC-312	\$4.95	\$7.95
DM-28	27.9	1.25	220	.070	3x5x6	5	BC-348	4.95	
DM-25	12	2.2	250	.050	3x3x4	3	BC-367	2.95	4.95
DM-45	24	1.1	250	.050	3x3x4	3	BC-667	2.95	4.95
DM-34	14	2.8	220	.080	3x4x6	5	BC-603-683	2.95	4.95
DM-36	28	1.4	220	.080	3x4x6	5	BC-603-683	2.95	4.95
DM-41	28	1.7	172	.138	7x5x3	7	BC-652		
DM-42	12	39	515	.215					
			1030	.260	7x7x11	38	BC-653		
DM-43	24	19.5	515	.215					
			1030	.260	7x7x11	38	PC-653		9.95
DM-53AZ	14	2.8	220	.080	4x3x3	3	BC-733	2.95	4.95
DM-53	28	1.4	220	.080	4x3x3	3	BC-733	3.95	N
DM-32	28	1.1	250	.060	4x3x3	3	VARIOUS	2.95	4.95
DY-2/ARR-2	SAME AS ABOVE		DM-32 ONLY		IS A LATER NUMBER.				
35x032	14	2.2	250	.060	4x3x3	3	AS DM-32		4.95
DM-33	28	5	575	.160	6x3x3	6	BC-456	9.95	
DM-35	12.5	18.7	625	.225	8x4x4	13	VARIOUS		20.00
DM-37	25.5	9.2	625	.225	8x4x4	13	"		\$9.95
BD-69	14	2.8	220	.080	6x6x4	10	VARIOUS		3.95
BD-77	14	39.0	1000	.350	11x10x6	40	BC-191	\$14.95	\$19.95
BD-83	14	6.5	375	.150	6x5x4	10	SCR-183		7.95
BD-93	28	3.2	375	.150	6x5x4	10	SCR-283		4.95
PE-73	28	19	1000	.350	11x10x6	39	BC-375	WRITE F/PRICE	
PE-86	28	1.25	250	.060	5x5x3	3	VARIOUS	2.95	4.95
PE-94	28	10.5	300	.260	12x5x8	35	SCR-522	4.95	
			150	.010					
			14.5	5.0					
PE-94	SAME AS ABOVE		DYNAMOTOR ONLY						4.95
PE-98	14	21.0	300	.260	12x5x8	35	SCR-522	5.95	9.95
			150	.010					
PE-98	SAME AS ABOVE		DYNAMOTOR ONLY, NO FILTER, VOLTAGE REG. RELAY					3.95	5.95
PE-101	13/26	12/6	400	.135	14x4x7	15	BC-645	4.95	7.95
			800	.020			ABA		
			9 v 80cyc	.12A					
PE-133	12	2.3	230	.090	4x7x6	1	BC-1003	4.95	6.95
DY-1	14	2.4	250	.060	3x3x4	3	VARIOUS		4.95
DY-2	28	1.2	250	.060	3x3x4	3	"	2.95	4.95
DY-9	26	4.3	360	.135	9x5x3	10	"	9.95	
DY-10	13/26	4.3/8.7	"	"	"	11	"	12.95	
DY-21	27	7.0	410	.325	7x3x3	9	T-67/ARC-3	7.95	
DY-22	27	1.8	210	.125	3x3x6	5	R-77/	4.95	
DY-17A/ART-13A	EICOR ML-5023-1	SPECIAL							
	28	33	1190	.350	6x8x12	33	T-47A/ART-13	15.00	20.00
DY-17	27	32	410	.400	"	30	"		
DY-17	27	33	750	.350	"	30	"	12.95	
			400	.750					
DY-17	DYNAMOTOR ONLY LESS FILTER BASE								6.95
DA-1A	28	1.6	230	.100	3x3x5	6	VARIOUS	3.95	6.95
DA-1F	25	14.8	540	.450	4x4x8	15	"		9.95
DA-12	12.5	29	540	.450	"	15	"		20.00
			25	"					
DA-14	14	3.3	230	.100	3x3x6	6	"	4.95	6.95
DA-19	28	11	400	.400	8x4x4	13	"	4.95	6.95
D-401	12	9.9	400	.180	4x4x7	10	T.C.S.		6.95
D-401SP	12	9.9	440	.200	"	10	TCS/CP	6.95	8.95
D-402	12	3.8	220	.100	3x3x5	3	T.C.S.		4.95
41S6	13	13.0	300	.225	8x4x4	10	VARIOUS		7.95
			250	.060					
377	14	8.0	425	.163	5x6x8	13	"	6.95	9.95
21772	12	3.0	235	.075	6x5x4	7	"	4.95	
12B6534	24	1.75	300	.070	3x3x4	3	UNK		4.95
DMX310	12	2.8	150	.100	3x3x4	3	"		4.95
D101	27	1.75	285	.075	"	3	"		5.95
PM-0516	12/24	8/4	275	.110	7x4x3	6	RT-7/APN-1	3.95	6.95
			600	.175	7x4x4	8	MARK II #3		
VRC-2	5.5	31	600	.175	7x4x4	8	T-193		7.95
259K1003	24	7	405	.270	7x4x5	12	MOTOROLA		6.95
MA-2503	6	3.6	250	.030	3x5x3	6	BC-1323		4.95
DMF-519H	28	18	630	.500	8x4x4	10			14.95
DYA4223F	28	1000		.500	8x4x4	15		9.95	
CARTER									
633852B	12	25	650	.300	6x4x3	12	NEW MANUF.		20.00

INVERTERS



EICOR INVERTER X3516-1
 INPUT: 27.5 VDC 165 AMPS.
 OUTPUT: 115 VOLT 400 CYCLE
 2500 V.A I PHASE
 SIZE: 16x11x8; WT: 75 LBS.
 EXCELLENT COND. \$49.50



PU-143C/U ROTARY CONVERTER
 INPUT: 24 VDC @ 27 AMPS DC
 OUTPUT: 115 VAC @ 4.3 AMPS
 60 HZ. .500 KVA. 1 PHASE.
 WITH 2" RD. 0-150 VAC METER
 AND 0-130 VAC VARIAC.
 SIZE: 13x12x7 WT: 90 LBS.
 PRICE: \$59.50

PE-2180 INVERTER
 INPUT: 25/28 VDC 80-90 AMP
 OUTPUT: 115 V 400 CYCEE
 13 AMP; 1 PHASE
 SIZE: 17x10x9; WT: 75 LBS.
 PRICE: UNUSED \$50.00

5D21N3A INVERTER
 INPUT: 27 VDC 35 AMPS.
 OUTPUT: 115 VAC 400 CYCLE
 1 PHASE 2.17 AMPS.
 SIZE: 9x6x5; WT: 25 LBS.
 USED \$16.95 UNUSED \$24.95

MG-149F INVERTER
 INPUT: 24 VDC 36 A. 750 VA.
 OUTPUT: 115 V. 400 CYCLE
 1 PHASE 500 VA & 26 V. 400
 CYCLE 1 PHASE 250 VA.
 SIZE: 12x8x8; WT: 25 LBS.
 PRICE: USED \$24.95

INVERTER
 INPUT 27.5VDC 60A
 OUTPUT 115 V 400 CY
 750 W 3 PHASE
 26 V 400 CY
 50 W 1 PHASE
 SIZE 11x10x6; WT: 40 LBS.
 LELAND #10285 USED \$34.95

LELAND MS-17404 INVERTER
 OUTPUT: 115/200-115V.
 400 CYC. 3 PHASE/1PHASE
 2500VA. INPUT: 28 VDC
 170 AMPS. SIZE: 12x7x10
 SHPG. WT: 60 LBS.
 PRICE: UNUSED \$75.00

INPUT: 24 VDC @ 75 AMPS.
 OUTPUT: 115 V. 800 CYC.
 1 PHASE
 10.5 AMPS.
 WT: 35 LB.
 SIZE: 4x6x12.
 UNUSED \$14.95

GENERAL ELECTRIC AIRCRAFT ENERGIZER #6PD265AB10
 INPUT: 220/440 VOLTS 41/20.5 AMPS; 3 PHASE 60 CYCLE.
 OUTPUT: 14-35 V. REGULATED
 265 AMPS CONT. @ 28.5 VDC
 500 AMPS INTMT.; 3500 RPM
 SIZE: 32x18x10 SHPG. WT: 670 LBS.
 UNUSED \$250.00

JACK & HEINTZ INVERTER #AN-3532-2 INPUT 27.5 VDC @ 20 AMPS. OUTPUT 115 VOLT 400 CYCLE, 3 PHASE, 250VA VOLTAGE REGULATED.
 SIZE: 12x7x4; WT: 20 LBS.
 FED#6125-617-0967
 USED \$14.95 RE-COND. \$22.95

PP-18 CONVERTER
 12 VDC 4 AMP TO 24 VDC 1.5 AMP.
 PARRALEL FOR MORE CURRENT.
 WITH SPARE VIBRATOR & 3500 MFD. 25 VOLT CAP. ALSO PLUG
 SIZE: 6x5x8; WT: 10 LBS.
 NEW \$4.95

GENERATOR

GENERATOR G-24 AC-DC
 115 V. 800 CYC 10.5 AMPS.
 24 V. D.C. 60 "
 SPLINE SHAFT SIZE 7/8x1 1/2
 SIZE: 6x7x13; WT: 45 LBS.
 RE-COND. \$24.95

D.C. GENERATOR 30 V. 200 A.
 4400 TO 8000 R.P.M. 3/4x1 1/2 IN
 SPLINED SHAFT, FLANGE MTG.
 SIZE: 10x6x8; WT: 36 LBS.
 GE#2CM637B RE-COND. \$24.95

BENDIX GENERATOR 12 VOLTS
 D.C. 50 AMPS. SPLINED SHAFT
 3/4x1 1/2, 6" FLANGE, 12 MOUNT-
 ING HOLES, 3500-4000 R.P.M.
 SIZE: 6x11; WT: 36 LBS.
 #R-86-EC310-27A NEW \$12.95

HARDWARE KIT: CONTAINS 50 CLAMPS OF 5 DIFFERENT SIZES, 20 SCREWS, 5 TYPES, 15 WASHERS, 7 LUGS, 4 HEX. NUTS, 8 SPACERS. #RC298 5LB. 75¢



RUBBER SHOCK MOUNTS
 4 LB. #4 \$.30
 6 " #6 .35
 10 " #10 .40
 12 " #12 .50
 16 " #16 .60
 24 " #24 .75
 35 " #5215 .75

TUBE SOCKETS

OCTAL CERAMIC 2 HOLE MTG. \$.25
 " " RING " " .15
 " " BLACK " " .15
 LOCTAL CERAMIC " " .20
 LOCTAL MICA 2 HOLE MTG. .15
 14 PIN MICA SMALL 1 1/2" MTG. .15
 4 PIN CERAMIC 2 HOLE MTG. .25
 5 " " RING " " .20
 6 " " 2 HOLE " " .29
 7 " " " " " " .29
 4 7/8 PIN WAFER " " EA. .10
 7/9 PIN MICA SMALL " " " .20
 9 PIN CERAMIC " " " .35
 METAL SHIELDS SMALL 7-9 " " .10
 1625 AND 837 7 PIN LARGE .59
 829 CERAMIC SOCKET .75
 872 " " W/SHOULDER .75
 811/866 " " W/ " .75

GIANT 4 CONTACT CERAMIC FOR 872, 211 ETC. 3 1/2" RD. GE #ML7461594-G1 PRICE: USED \$3.99

GIANT 4 CONTACT CERAMIC SOCKET FOR 715 718 ETC. 3 1/2" RD. STK#227684.98 PRICE: NEW \$5.50

TERMINAL STRIPS WITH CLIPPED WIRES
 PRICES: .15 .20 .25 .35
 3/4" WIDTH 50R6 70R9 12
 1" " 2 6 9 12
 1 1/2" " 20R3 50R6 7 12
 AMT. OF TERMINAL ABOVE

TELEPHONE TYPE TERMINAL STRIP
 1 1/2" WIDE 3/8" THICK, 32 TIE TERMINALS FOR WIRE SOLDERING AND NUTS FOR LUGS. WT: 1 LB #31-C \$1.50
 SAME AS ABOVE 52 TER. #31-D \$2.50

BINDING POSTS
 7 ON A BAKE-LITE STRIP. THUMB SCREW TYPE TERMINALS. \$.35 EA. 3 FOR \$1.

OCTAL SOCKET EXTENDER, VECTOR NO 1262. PLUGS INTO ORIGINAL AND HAS BOLT THRU CENTER SO THE TWO CAN BE FASTENED TOGETHER #6625-684-1189 NEW 59¢ 2 FOR \$1

SOCKET TURRET, OCTAL, VECTOR MODEL 8-0-9T. 2" TURRET, 9 TERMINALS IN TWO RINGS 1" A-PART. FITS 1" HOLE. 3/8" DIA. #5935-829-5819 \$.59 EA. 2/\$1.

SOCKET TURRET, 7 PIN MINATURE. 1 1/2" TURRET, 3/16" OIA.; 7 TERMINALS ON ONE RING. FITS 3/8" HOLE #5935-578-9139 \$.59 EA. 2/\$1.

U-102/U ADAPTER TUBE SOCKET; VECTOR MODEL T-8-0. FITS STANDARD 8-PIN OCTAL. FLASH-OVER VOLTAGE 1500+ VDC. 1 1/2 x 1 1/2 #U-102/U \$.59 EA. 2/\$1.

Capacitors



MFD	VDC	SIZE	PRICE
24000	3	4x3	\$1.00
2000	15	1 1/2 x 4 1/2	.59
1000	50	1 1/2 x 4 1/2	.59
50	150	2 1/2 x 4 1/2	1.50
500	200	2x4	U 1.00
8	300	2 1/2 x 4 1/2	.50
4	400	2 1/2 x 4 1/2	.50
10	400	2 1/2 x 4 1/2	.75
2	600	2 1/2 x 4 1/2	.50
3	600	1 1/2 x 3 1/2	.50
4	600	3 1/2 x 2 1/2	.65
6	600	4 1/2 x 2 1/2	.75
7	600	4 1/2 x 2	.85
8	600	3 1/2 x 5 1/2	1.00
10	600	3 1/2 x 4 1/2	1.25
20	600	3 1/2 x 4 1/2	1.75
1	1000	1 1/2 x 2 1/2	.50
2	1000	1 1/2 x 4 1/2	.75
4	1000	2 1/2 x 4 1/2	1.00
8	1000	3 1/2 x 4 1/2	1.50
10	1000	3 1/2 x 4 1/2	1.75
15	1000	3 1/2 x 5 1/2	1.25
24	1000	3 1/2 x 6 1/2	3.75
2	1500	2 1/2 x 4 1/2	1.00
10	1500	3 1/2 x 4 1/2	3.00
3x1	1200	3 1/2 x 3 1/2	.75
1	1200	2 x 3 1/2	.50
.5	2000	2 1/2 x 1 1/2	.50
.5	2000	2 x 3 1/2	1.00
.5	2500	2 1/2 x 1 1/2	.75
.5	2500	2 1/2 x 4 1/2	1.75
.5	4000	2 1/2 x 4 1/2	1.00
2x1	4500	3 1/2 x 3 1/2	1.00
2	4500	4 1/2 x 5 x 3	5.00

COMPUTER GRADE

MFD	VDC	SIZE	PRICE
25000	25	3x4 1/2	\$1.50
20000	30	3x4 1/2	1.95
25000	30	3x4 1/2	2.25
15000	35	3x4 1/2	2.50
7500	35	2 1/2 x 4 1/2	1.95
20000	40	3x5	2.50
30000	50	3x5 1/2	2.50
60000	50	3x5 1/2	3.00
8000	55	3x4 1/2	1.50
5000	75	2 1/2 x 4 1/2	2.50
8500	75	3x4 1/2	2.75
21000	100	3x5 1/2	3.00
1700	200	3 1/2 x 5 1/2	3.00
1000	450	2 1/2 x 5	2.00

HIGH VOLTAGE

14F496 1 MFD. 18,700 VDC 15x13 1/2 x 5, 75 LBS. \$25.00
 14F235 2 MFD. 10,000 VDC 13x13 1/2 x 5, 50 LBS. \$30.00
 C220150 1 MFD 20,000 VDC 11x13 1/2 x 4 1/2, 40 LBS. \$30.00
 120065-1 .65 MFD 12,500 VDC 11x8 1/2 x 4, 40 LBS. \$12.00
 75958 .375 MFD 16KVDC. 750 MFO 8KVDC. 7x9x5 1/2: 25 LBS \$10.

AC CAPACITORS

MFD	VAC	SIZE	PRICE
5	220	3 1/2 x 1 1/2	1.50
40	220	4 1/2 x 4 1/2	2.00
50	230	4 1/2 x 6 x 3 1/2	5.95
ABOVE ITEM IKVA 3 PHASE			
3	330	1 1/2 x 3 1/2	.50
7	330	3 1/2 x 3 1/2	.75
6	660	3 1/2 x 3 1/2	1.00
10	440	4 1/2 x 7 1/2	2.00
3	660	3 1/2 x 3 1/2	1.00
4	660	3 1/2 x 4 1/2	1.25
ABOVE MOTOR TYPE			
25	330	3 1/2 x 4 1/2	2.95
15	440	3 1/2 x 4 1/2	2.95

MOTOR CAPACITOR, WESTINGHOUSE STYLE #773298, WIRING FOR CCW AND CW. SIZE: 6x5 1/2 x 3 1/2; 8LB. \$4.95



ROTARY SELENOID SELECTOR, 11 POSITION, 5 DECK NON-SHORTING, ONE DECK SHORTING. 24 VOLT D.C. SIZE: 5 1/2 x 1 1/2 WT: 1LB #5930-084-0908 \$2.50

LEDEX ROTARY SELENOID SELECTOR, 12 POSITION. TWO DECK 11 POS. NORM. CLOSED, OTHER OPEN OR DEAD ONE DECK SHORTING, THE OTHER NON-SHORTING. 24VOLT 1.5 AMP. 3" Lx 1 1/2" DIA. #LB. #5945-074-3953 NEW \$1.95

ROTARY SWITCH, 3 DECK, 5 SWITCHING POS., 6 MOVING, 36 FIXED CONT., 6 POLES-5 THROWS, COMB. SHORTING & NON-SHORT. 329824-81.5 75¢

GE CERAMIC POWER SWITCHES 2 DECK 3 POSITION 2x5 IN. GE #P42J198-1 G1/394 \$1.95

GE HEAVY DUTY CERAMIC, TWO DECK 4 BREAK 3 MAKE, 2x4" #ML7464910-G1/407 \$1.95
GE HEAVY DUTY CERAMIC, TWO DECK 3 POSITION, 3x4 1/2" #ML7762999-G1/397 \$1.95

ROTARY SWITCH; ONE POLE 12 POSITION NO STOP, TEFLON TYPE WAFER 1 1/2" DIAMETER #AB-6422 75¢

ROTARY SWITCH CERAMIC WAFERS, 2 DECK 4 POSITION, 2" DIAMETER. #C-87/S-602 75¢ EACH.

SWITCH ROTARY, 2 DECK 2 POS 4 CIRCUIT EA. DECK. 1 1/2 x 1" 329825-66.13 \$.50

SWITCH ROTARY, 5 DECK, 8 POS. ONE CIRCUIT. SIZE 2x3" MORRINGER RE-MOVED #58 \$.75

ROTARY SWITCH, SINGLE GANG 4 CIRCUIT WITH 2 CONTACTS FOR EACH. DIA. 1 1/2" x 1" 329827.34 59¢ 2 FOR \$1.00

ROTARY SWITCH SINGLE 17 CONTACT DECK, ONE TIE DECK DIA. 2 1/2 x 1 LANS. SW-942-249 75¢ EACH 2 FOR \$1.25

ROTARY ACTUATOR WILL OPERATE FROM 12-28 VDC, 12 POS ITION, 30 OEGREES EA. 2 1/2" SHAFT AND RODS FOR MOUNTING WAFER SWITCHES. MOUNTING 2 1/2 x 3, 1 1/2" H. WT: 1 LB. #MX167869G1 \$1.50

SWITCH ROTARY, BAKELITE WAFER 11 POSITION; 4 DECKS NON-SHORTING, 5 DECKS SHORTING. VARIABLE STOP. SIZE: 8x2 #5930-678-2369 \$2.95

ROTARY SWITCH, BAKELITE WAFER; 2 DECK, 5 POSITION, 1 POLE MOMENTARY 5 POS. 2x2 x2 SW-145 39¢ EA 3/\$1.00

ROTARY SWITCH BAKELITE WAFER, 8 POS., 3 DECK; ONE DECK NON-SHORTING. 3x2x2. #329825-75.4 NEW \$1.00

Kits \$1.00

DISC CERAMIC CONDENSERS 33 ASST. 150MFD-.01MFD. Good Value \$1.00 a KIT

TUBULAR CONDENSER 50 ASST. .00025 to .1 200 to 600 V \$1.00 a KIT

MICA CONDENSERS 25 ASST. 10 MMFD To 5800 MMFD. \$1.00 a KIT

TRIMMER CONDENSERS 25 ASST. 3 to 280MMF WIDE RANGE \$1.00 KIT.

RESISTORS INSULATED 50 ASST. 1/2, 1 & 2 Watt wide range of good values 50 ASSORTED \$1.00

RESISTORS WIREWOUND 25 ASST. 5 to 20 Watt. Wide range of values some tapped. 25 ASST \$1.00

VOLUME CONTROLS 10 ASST. Popular Values \$1.00

TUBE SOCKETS 20 ASST. Octals Loctals Minatures Wafers etc \$1.00

PILOT LIGHT SOCKETS 25 ASST Bayonet \$1.00 Screw etc.

TERMINAL STRIPS, Tie lug types. 25 for \$1.00

TERMINAL LUGS, ring spade, crimp types. Wide variety of sizes for all uses in clear plastic box. Approx 200 PCS \$1.00

ROTARY SWITCHES BRAND NEW ORDER NOW 6 for \$1.00

BATHUB CONDENSER KIT 1 MFD. to 1 MFD. up to 600 Volt. 10 for \$1.00

HARDWARE KIT NUTS, WASHERS SCREWS, RIVET GROMMETS ETC. 1 LB. \$1.00

COMPUTER GRADE



COMPUTER GRADE CAPACITORS OUT OF EQUIPMENT GUARANTEED
 MFD VDC SIZE PRICE
 900 165 2x4 RD \$1.25
 500 275 2x4 RD 1.25
 350 330 2x4 RD 1.25
 1400 99 2x4 RD 1.25
 LOTS OF 6 \$1.00 EACH.

12000 11 2x4 RD .75
 10000 16.5 2x4 RD .75
 4000 33 2x4 RD .75
 3500 52.8 2x4 RD .75
 LOTS OF SIX 60¢ EACH.

HIGH CAPACITY

60000 MFD 50 VDC

3042182, SIZE 3x5, 2 LBS. PRICE: \$3.00 EA. 2 FOR \$5.

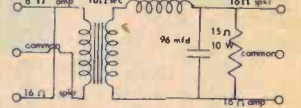
21000 MFD 100 DC

3042200, SIZE 3x5, 2 LBS. PRICE: \$3.00 EA. 2 FOR \$5.

1000 MFD 450VDC

SIZE: 2 1/2 x 5; 2 LBS. # D34905 PRICE: \$2.00 EA. 3 FOR \$5

AUDIO FILTER



ELECTRO-VOICE FILTER EVXX3 IS A AUDIO FREQ. FILTER THROUGH WHICH TWO AUDIC AMPLIFIERS CAN BE CONNECTE TO 2 SPEAKER SYSTEMS. ALL BASS FREQ. BELOW 300 CPS ARE PASSED TO ONE SIDE OF THE SYSTEM WHILE THE HIGHER FREQ. ARE PASSED WITHOUT CHANGE TO BOTH SYS TEMS. IN A STEREO SYSTEM THIS ELIMINATES THE NEED FOR 2 FULL RANGE SYSTEMS. CAN ALSO BE ADAPTED TO OTHER USES. #EVXX3F 5 1/2 x 4 1/2 x 5 1/2; 8 LBS. NEW \$2.95

TUBE SOCKETS 20 ASST. Octals Loctals Minatures Wafers etc \$1.00

PILOT LIGHT SOCKETS 25 ASST Bayonet \$1.00 Screw etc.

HEAVY DUTY TAP SWITCH 4 HOLE MOUNTING SIZE: 2 1/2 x 2 1/2 x 1 1/2 STK#329604-2 \$2.50


ANTENNA CIRCUIT SWITCH 100 WATT 3/4 MAKE 3/BREAK 4 SIZE: 4 1/2 x 2 1/2 IN. #329626 \$2.50

25 Precision Resistor Ass't WIRE WOUND OR CARBON 1% OR BETTER GOOD VALUES. \$1.00 50 TINY CAPACITORS SELECTED TINY ASST PAPER & CERAMIC X GOOD VALUES. \$1.00


WIRE ASSORTMENT SIX 25 FT. COILS FULLY INSULATED STANDARD SIZES TINNED COPPER ASST. COLORS \$1.00

MINIMUM ORDER \$3.00


Power Transformer Filament Modulation Microphone Chokes




PRI: 115v. 45-65 CY
SEC: 40/20v. 20ADC
FULL WAVE RECT
40v. 2.15 ADC
24.5v 1.04 ADC
117v. .050 ADC
14.2v .40 ADC
BRIDGE RECTIFIED.
3x4x3 WT: 10 LBS.
#5950-730-9807
PRICE: \$6.95




PRI: 115v 60cyc-2
PRI: 220v 60cyc-3
SEC: 6.3v .9A 4-5
6.3v .3A 6-7
24v .9A 8-9
500VCT 35MA
TERMINALS 10-12
CT. TER. 11 WT. 4L
3x3x3 #RM-13-317
A TO D. \$1.95




PRI: 90 V 60CYC
SEC: 6400 V. @
APPROX. 50 MA.
5x6x6; WT: 15 LBS
#D-12B-3553
\$14.95




PRI: 115v. 50-60c
SEC: 580vct 70 MA
6.3 " 1.5 A
5.0 v 2.0 "
TEST VOLTS 1750
3x3x3; 6 LBS.
#5950-648-6862
\$3.95




MODULATION TRANSFORMER
Watts 20 Response
Response 200-5000-1DB
Pri. 2 6000 SEC. 2 6000
Collins #677-2010-00
Size 2x2x3 WT. 3.1lbs
Stock# 229634.53
Price \$2.95




PRI: 120v. 60 cyc.
SEC: 550-0-550v.
0.18 A.
2000wv.
4x7x5 WT: 18LBS
#5950-518-2621
PRICE: \$7.95




PRI: 115v 60cyc
SEC: 200vct 2 A.
4x3x4; 8 LBS
#1FX46-16
\$4.95




PRI: 115 V 60 cyc.
SEC: 1080 CT. 142 MA.
6.3 1 AMP.
6.3 2 AMP.
5 3 AMP.
Size 5x5x5 WT. 14 lbs
Stock # 229613.52
PRICE: \$3.95




DC POWER SUPPLY
PRI: 115v 60 HZ
SEC: -8000V @
.25-1 MA
+120v @ 15 MA
+24v @ 1.2
+16v @ .45
4x4x9 WT: 15 LBS.
GE9T63Y2280G03
PRICE: \$14.95



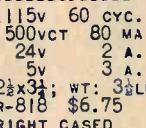
PRI: 0/105/115/125
60CY
SEC: 800CT. 175ADC
5.0V 2A.
6.3v. 15A.
6.3v. 10A.
6x5x4; 18LBS.
#647-5309 \$4.95




PRI: 50v. 1000CY
SEC: 6.3v. 10A.
950CT. 200MA
6.3v. 1.5A
6.3v. 0.5A
5x5x4 18 LBS.
#5950-581-9421
\$8.95



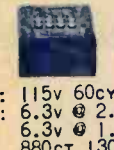
TEKTRONIX # 310
OSCILLOSCOPE
P/N 120-0058-00
PRI: 117 v.
50 to 800CYC
SEC: 205v 120 MA.
135v 150 "
205v 75 "
6.3v 3 AMP "
6.3v 4 " "
6.3v 6.2 " "
6.3v 0.6 " "
6.3v 0.6 " "
4x3x3x3; 8 LBS.
5950-688-6598
\$9.95



PRI: 115v 60 cyc.
SEC: 500vct 80 MA.
24v 2 A.
5v 3 A.
2x2x3; 3; WT: 3.5LB
FAIR-818 \$6.75
UPRIGHT CASED
BUILT FOR COMMAND
REC, BC-603, 683ET.



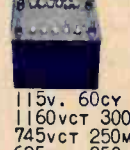
TS-239 SCOPE TRANSFORMER
115V 50-2600c
735V 7MA, 610V
205MA, 300V @
75MA, 5V @ 2AMP
6.3V @ 6 AMP.
6.3V @ 6 " "
#229619.168
SIZE: 3x3x3; 7LBS. \$9.95



PRI: 115v 60CYC
SEC: 6.3v @ 2.8A.
6.3v @ 1.2A.
880CT 130MA
6.3v @ 3.44A
7.7v @ 1.64A
5x4x3; 13LBS.
#5950-295-7190
\$4.95




PRI: 105-125 VOLT
50 - 60 CYCLE
SEC: 950-0-950
.200 AMP. DC
6x5x4; 20 LBS
482-0897 \$12.95



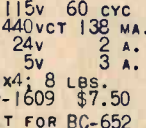
PRI: 115v. 60cy
SEC: 1160vct 300MA
745vct 250MA
625vct 250MA
6x5x5; 25 LBS.
#646-1497 \$12.95



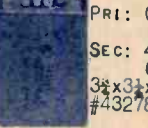
PRI: 115v 60 CYC
SEC: 1080VCT 226MA
6x5x4; 15 LBS.
#5950-762-9822
\$6.95



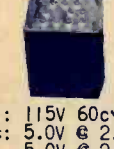
MODULATION TRANSFORMER
WATTS: 40
RES. IMPED.
PRI: 113 OHM 5700
SEC: 72 " 2280
FOR 2/807 TUBES
3x2x3 WT: 3LBS
#22K9634.21
PRICE: \$3.95




PRI: 115v 60 cyc
SEC: 440vct 138 MA.
24v 2 A.
5v 3 A.
4x4x4; 8 LBS.
FAIR-1609 \$7.50
BUILT FOR BC-652



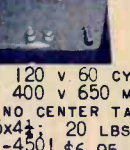
PRI: 0/105/110/120
130 v. 60 HZ
SEC: 40 v. @ 2.5 A.
6.3 v. @ 1.5 A.
3x3x3; 5; WT: 10 LBS.
#43278-1 NEW \$4.95




PRI: 115V 60cy
SEC: 5.0V @ 2.0A.
5.0V @ 2.0A.
6.3V @ 0.6A.
6.3V @ 6.0A.
400VAC 120MA
4x3x3; 9 LBS.
#5950-646-4053
\$3.95




POTENTIAL TRANS
PRI: 1/2/4/10/20/
40/100/200/400
0/1000/2000 V.
SEC: 40 V 100 MA.
6x7x4; WT: 20 LB
ESPEY #14 16,271
\$5.95




PRI: 120 v 60 CYC
SEC: 400 v 650 MA
NO CENTER TAP
5x5x4; 20 LBS.
#051-4501 \$6.95



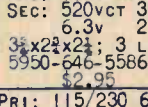
PRI: 110/115/120v.
50-60 CYCLES
SEC: 3500VCT.
.230 A.
8x7x8 WT: 65LBS
#5950-715-9350
PRICE: \$19.95




MODULATION TRANSFORMER
100 Watt
RESPONSE 200 to 5000
PRI: 7000 SEC: 7000
P/BC-191/375 TRANS.
Size 3x4x5 WT. 5 1/2 lbs.
Stock # 2c6191/T1
Price \$3.95



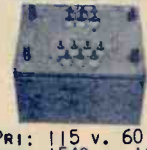
PRI: 115v 60 cyc.
SEC: 50 vct. 15 A.
50 vct. 1 A.
5x4x4 WT: 14 LBS
BURNS #43847 \$9.95



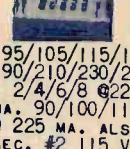
PRI: 115v 60CYC
SEC: 520vct 30MA.
6.3v 2 A.
3x2x2; 3 LBS.
5950-646-5586
\$2.95




PRI: 120v. 60 CYC.
SEC: 5.4/2.7v 15A
5.0/2.5v 15A
TAKES COM TUBE;
W/ 5/8"x3/8" DIA.
INSULATOR
5x5x7 WT: 15 LBS.
#5950-553-5572
PRICE: \$6.95



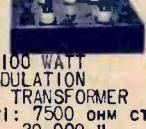
PRI: 115 v. 60 cy
SEC: 1540 CT. 166A
1230 CT. 257A
BOTH VOLTAGES ONE
WINDING
5.1 4.5A
6.5 4.0A
6.5 .5A
7x6x6; WT: 35 LBS
STK# 279613.53
\$7.95



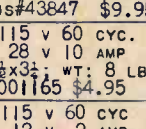
PRI: 95/105/115/125
190/210/230/250
SEC: 2/4/6/8 @ 225
MA. 90/100/110/
@ 225 MA. ALSO
SEC. #2 115 V.
@ 500 MA.
4x5x4; WT: 13 LBS.
#KLEINSCHMIOT5399
\$7.95



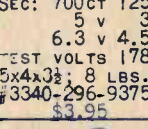
PRI: 115/115v 60CYC
SEC: 2500 VCT @
450 AMPS. D.C
7x7x6; 45 LBS.
MOTOROLA 22501013
\$18.95



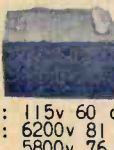
100 WATT MODULATION TRANSFORMER
PRI: 7500 OHM CT
30,000 "
SEC: 3000 OHM
35W 200 MADC
600 CT. 1 W
RMS TEST
1, 2, 3 500 V.
OTHERS 2500 V.
200-3500 CPS.
4x4x4; 11LBS
#5950-646-3092
PRICE: \$4.95



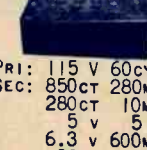
PRI: 115 v 60 cyc
SEC: 28 v 10 AMP
3x3x3; 3; WT: 8 LB
#AB-001165 \$4.95




PRI: 115/230 60CYC
SEC: 700CT 125 MA
5 v 3 A.
6.3 v 4.5 A.
TEST VOLTS 1780
5x4x3; 8 LBS.
#3340-296-937581
\$3.95



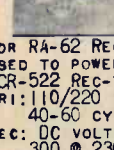
PRI: 115v 60 CYC
SEC: 6200v 81 MA
5800v 76 MA
5400v 71 MA
5x8x7 WT: 22 LBS.
#5950-645-6792
PRICE: \$8.95



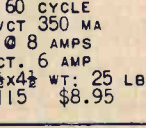
PRI: 115 V 60CYC
SEC: 850CT 280MA
280CT 10MA
5 v 5 A.
6.3 v 600MA
36 v 5 A.
5x5x7; 28 LBS.
#5950-646-3943
\$6.95



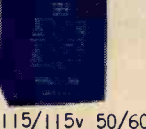
PRI: 115v 60 CYC.
SEC: 800VCT .25A
5x4x3 WT: 12 LBS.
#229612.34
PRICE: \$5.95




FOR RA-62 RECTIF.
USED TO POWER
SCR-522 REC-TTRANS
PRI: 110/220 VOLT
40-60 CYCLE
SEC: DC VOLTAGES
300 @ 230 MA
BIAS 150 @ 8 "
3.4 @ 3.9 A.
5x5x8; 30 LBS.
#3340-296-862-192
PRICE: \$7.95



PRI: 117v. 60 CYCLE
SEC: 1200 VCT 350 MA
6.3v. @ 8 AMPS
5.3 vct. 6 AMP
SIZE: 6x5x4; WT: 25 LBS
#T-201/PP-115 \$8.95




PRI: 115/115v 50/60
SEC: 26.4 v 1.70 A.
26.4 v 1.35 A.
3x3x3; 4 LBS.
5950-645-3854
\$3.95




PRI: 115 VAC
SEC: 1800 v.
@ 300 MA
TAPPED AT 400V
4x4x4; 12 LB
AB-6950 \$9.95

TRANSFORMERS



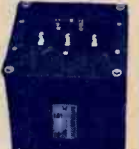
**50 VCT
15 AMP**

PRI: 115v. 60cy.
SEC: 50VCT. 15A.
50VCT. 1A.
5x4x4 WT: 14LBS.
BURNS#43847
PRICE \$9.95

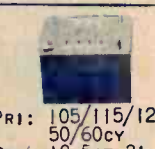


**1-177
TUBE CHECKER
TRANSFORMER**

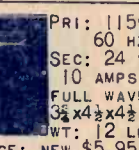
SIZE: 4x4x4 5 1/2 LB
STK# 229613.667
PRICE: \$4.95



PRI: 117 V. 60CY
SEC: 12.7/14.5
77 WATTS 6 AMPS.
5x5x5; 12 LBS
#5950-199-2297
\$4.95



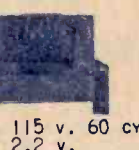
PRI: 105/115/125V
50/60CY
SEC: 18.5CT 3A.
MICROTRAN M8022
3x3x3 6LBS.
#5950-809-9351
\$2.95



PRI: 115v.
60 HZ.
SEC: 24 v.
10 AMPS
FULL WAVE.
3x4x4 1/2
WT: 12 LBS
PRICE: NEW \$5.95



ALL PRIMARIES
115 VOLT 60 CYCLE
SIZE: 2x1x1 1/2; 4oz



PRI: 115 v. 60 CY
SEC: 2.2 v.
ALSO TAPPED WIND.
0-60V 10 TAPS 4
VOLTS EA. 1 TAP
20V. HV AMPS 4. LOW
EST VOLTAGE 20 A.
6x4x5; WT: 25 LBS
#6120-473-6811
\$7.95


SEC: 24v. 50 MA.
2/WIND 12.6v. .5 A.
MW#4523 \$1.25

SEC: 24v. 30 MA.
2/WIND 12.6v. 1 A.
MW#4530 CAGED \$2.

SEC: 125v. 25 MA.
#681-K-34 \$1.25

SEC: 12 v. 500 MA.
1x1x1 1/2 4 OZ.
#B94P2 \$1.50


SEC: 12 v. 3 AMP
3x2x2 2 LBS.
#B94P7 \$1.75



TF45X02YY
THREE PHASE
PRI 171V 50-450CY
SEC 28V @ 40A
6x7x9 1/2 WT. 45LBS
PRICE: \$14.95



PRI: 115v 60 CYC
SEC: 2v. 60 VA.
3x3x4 WT: 4 LBS.
#5950-829-8618
PRICE: \$2.95



MICROPHONE TRANS
PRI: 40 OHMS
SEC: 75000 "
SIZE: 1x1x2
WT: 2 OZ.
279986-2/RM-12
PRICE: 75¢

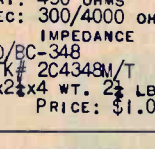


AUDIO OUTPUT TRANS
PRI: 450 OHMS
SEC: 300/4000 OHMS
IMPEDANCE

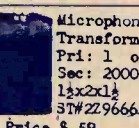
PO/BC-348
STK# 2C4348/T
2x2x4 WT. 2 1/2 LBS.
PRICE: \$1.00



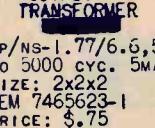
MICROPHONE
PRI: 14.5-21 OHM
SEC: 4475-65C0
OHMS
CARBON MIC.
2x3x2 1/2
#P7762352G1
\$1.00



OUTPUT TRANSFORMER
NP/NS-1.77/6.6, 50
TO 5000 CYC. 5MA.
SIZE: 2x2x2
GEM 7465623-1
PRICE: \$.75



Microphone Transformer
Pri: 1 ohm
Sec: 2000
1x2x1 1/2
37#229666A
Price \$.59



PRI: 7000 OHM CT
SEC: 265 " " CT
80 " "

ONE WINDING
POWER: 62.5 WATTS
RESPONSE: 1 DB
20-20,000 CPS
SIZE: 4x6x4; 20 LB
TF1A13MA \$4.95

LOW VOLTAGE TRANSFORMERS

ALL PRIMARIES 105/110/115
120/125 VOLTS 60 CYCLE.

SEC: 6.6 v. 18 AMP
3x5x4; 12 LBS.
GE#9T35Y159 \$3.95

SEC: 6.6 v. 10 AMP
6.6 v. 1 AMP
5x4x3 1/2 WT: 10 LBS.
GE#9T35Y181 \$3.25

ALL PRIMARIES 115 V 60 HZ.

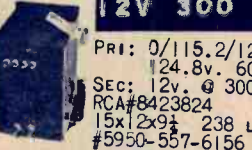
SEC: 6.3 VCT 3 A. AND 5 V.
6 AMP. 3x4x4 1/2 4 LBS.
#279611.106 \$4.95

SEC: 6.4 v. .5 AMP, 279613-
245; 2x2x3 1/2; 2 LB. \$1.25

SEC: 6.3 v. 8 AMP, 3x2x2 1/2
x2 1/2 6 LBS. #044E \$2.95

PRI: 66 v. 50 TO 63 HZ
SEC: 15 v. 25 AMPS
SIZE: 5x4x6 1/2 WT: 15 LBS.
#5950-660-7183 \$12.95

PRI: 230v 60 CYC
SEC: 6.3v 30A OR 5.67v30A
4x5x3 1/2; 13LB#6510 \$4.95



12V 300 A

PRI: 0/115.2/120/
124.8v. 60cy.
SEC: 12v. @ 300A.
RCA#8423824
15x12x9 1/2 238 LBS
#5950-557-6156
\$60.00

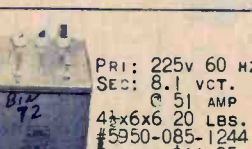


**2-6.3 VCT
35 AMP.**

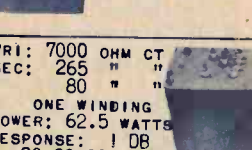
PRI: 105 TO 125 V 50/60 CYC
SEC: 2/6.3 VCT @ 35 AMPS EA
SIZE: 7x6x5 1/2; WT: 30 LBS.
SMITH#3002730 USED \$12.95

MICROPHONE TRANSFORMER
PRI: IMPEDANCE 50 OHM 30MA
SEC: IMPEDANCE 500 OHM
FREQ. RESPONSE 400-1900CPS
SIZE: 1x1x1 1/2; WT: 8 OZ.
\$1.00 T-204/PP-115

LINE TRANSFORMER INPUT
PRI: IMPEDANCE 500 OHM CT
SEC: " 500 "
FREQ. RESPONSE 600-12000CP
SIZE: 2x2x2; WT: 1 LB.
T-203/PP-115 \$1.50




PRI: 225V 60 HZ
SEC: 8.1 VCT.
@ 51 AMP
4x6x6 20 LBS.
#5950-085-1244
PRICE: \$11.95



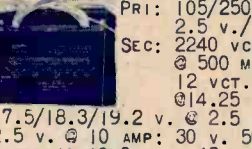
PRI: 7000 OHM CT
SEC: 265 " " CT
80 " "

ONE WINDING
POWER: 62.5 WATTS
RESPONSE: 1 DB
20-20,000 CPS
SIZE: 4x6x4; 20 LB
TF1A13MA \$4.95

HIGH VOLTAGE TRANSFORMERS

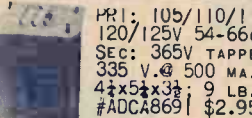


PRI: 220 VOLTS
50/60 HZ.
SEC: 2430-1315
-0-1315-
2430 VOLT
@ 1.70 A.
SIZE: 11x11x15 1/2 WT: 232 LBS
#43164 NEW \$60.00

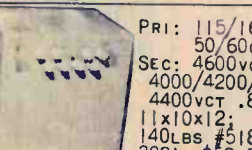


PRI: 105/250 v.
2.5 v./TAP
SEC: 2240 VCT.
@ 500 MA.
12 VCT.
@14.25 AMP
17.5/18.3/19.2 v. @ 2.5 AMP
2.5 v. @ 10 AMP; 30 v. 50MA
SIZE: 12x10x8 WT: 42 LBS.
#5950-681-7115 NEW \$25.00

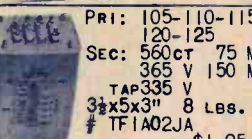
PRI: 104/125 v. 1600 HZ
SEC: 1975v. 1.2 MA
1.25 v. @ 0.2 AMPS
SIZE: 2x3x4 1/2 WT: 4 LBS.
#5950-810-5520 \$5.95



PRI: 105/110/115
120/125V 54-66CYC
SEC: 365V TAPPED
335 v. @ 500 MA.
4x5x3 1/2; 9 LB.
#ADCA8691 \$2.95



PRI: 115/165V
50/60CY
SEC: 4600VCT.
4000/4200/
4400VCT .8A.
11x10x12;
140LBS #518-
3821 \$59.50

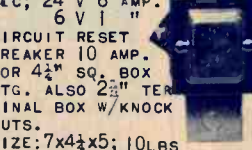


PRI: 105-110-115
120-125
SEC: 560CT 75 MA
365 V 150 MA
TAP 335 V
3x5x3 1/2 8 LBS.
#TF1A02JA \$1.95



PRI: 115v. 60/420 CYC
SEC: 2/1130 VCT @ 370 MA
SIZE: 5x5x7 WT: 32 LBS
#5950-538-3728 \$14.95

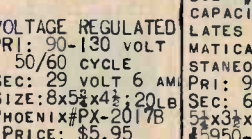
CIRCUIT PROTECTED
PRI: 110/220/440
50/60 CYCLE
SEC: 24 V 6 AMP.
6 V 1 "



**CIRCUIT RESET
BREAKER 10 AMP.**
FOR 4 1/2" SQ. BOX
MTG. ALSO 2 1/2" TER
MINAL BOX W/KNOCK
OUTS.
SIZE: 7x4x5; 10LBS
FOSTER#D11586
PRICE: \$6.95

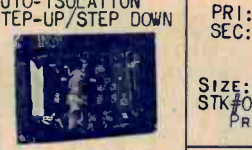


VOLTAGE REGULATED
PRI: 90-130 VOLT
50/60 CYCLE
SEC: 29 VOLT 6 AM
SIZE: 8x5x4 1/2; 20 LB
PHOENIX#PX-2017B
PRICE: \$5.95

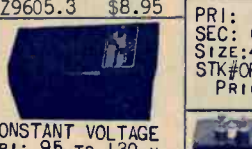


**CONSTANT VOLTAGE
TRANSFORMER**
SOLA #211134 WITH
CAPACITOR. REGU-
LATES VOLTAGE AUTO-
MATICALLY AND INSTA-
NEOUSLY.
PRI: 95-130V 60CYC
SEC: 6.3 V 2.38 A.
5x3x2 1/2 WT: 8LBS.
#5950-581-5333
UNUSED \$5.95

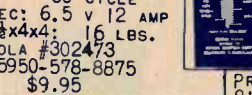
AUTO-ISOLATION STEP-UP/STEP DOWN TRANSFORMERS



PRI: 95/105/115/
125/190/210/230/
250V. 50/60 CYCLE
600 WATT.
SEC: 3 TAPS, VOLTAGE
DEPENDS ON PRIMARY
TAPS USED.
5x7x5; 18 LBS.
279605.3 \$8.95



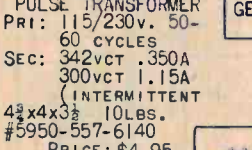
CONSTANT VOLTAGE
PRI: 95 TO 130 v.
60 CYCLE
SEC: 6.5 v 12 AMP
9x4x4; 16 LBS.
SOLA #302473
#5950-578-8875
\$9.95



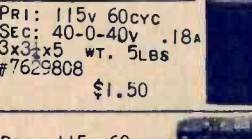
PRI: 105/115/125V
50/60CY
SEC: 18.5CT 3A.
MICROTRAN M8022
3x3x3 6LBS.
#5950-809-9351
\$2.95



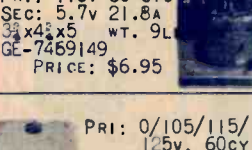
PULSE TRANSFORMER
PRI: 115/230v. 50-
60 CYCLES
SEC: 342VCT .350A
300VCT 1.15A
(INTERMITTENT
4x4x3 1/2 10LBS.
#5950-557-6140
PRICE: \$4.95



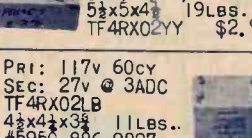
PRI: 115v 60cy
SEC: 40-0-40v .18A
3x3x5 WT. 5LBS
#7629808 \$1.50



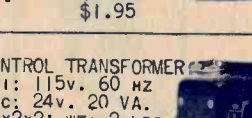
PRI: 115v 60 CYC
SEC: 5.7v 21.8A
3x4x5 WT. 9L
GE-7469149
PRICE: \$6.95




PRI: 0/105/115/
125v. 60cy
SEC: 0/27/29v. 8A
5x5x4 1/2 19LBS
TF4RX02YY \$2.95



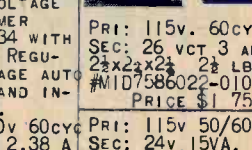
PRI: 117v 60cy
SEC: 27v @ 3ADC
TF4RX02LB
4x4x3 1/2 11LBS.
#5950-886-9827
\$1.95



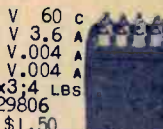
CONTROL TRANSFORMER
PRI: 115v. 60 HZ
SEC: 24v. 20 VA.
2x2x2; WT: 2 LBS
#BE-8002 NEW \$1.50



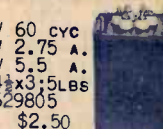
PRI: 115v. 60cy.
SEC: 26 vct 3 AMPS
2x2x2 1/2 2 1/2 LBS.
#MID7586022-010
PRICE \$1.75



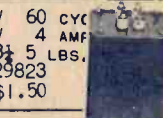
PRI: 115v 50/60cy
SEC: 20 VOLT LOAD
OR 12.5V @ 2 AMPS
MOUNTED ON 4" RD.
ELECT. BOX COVER
3x3x2 1/2 2 LBS.
#FR-24960 \$1.25



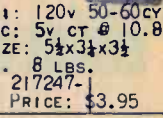
PRI: 115 V 60 C
SEC: 6.3 V 3.6 A
15 V.004 A
15 V.004 A
SIZE: 3x3x3; 4 LBS
STK#ORD7629806
PRICE: \$1.50



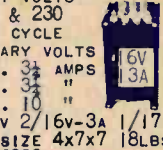
PRI: 115 V 60 CYC
SEC: 6.3 V 2.75 A.
6.3 V 5.5 A.
SIZE: 3x4x3; 5LBS
STK#ORD7629805
PRICE: \$2.50




PRI: 115 V 60 CYC
SEC: 6.3 V 4 AMPS
SIZE: 4x3x3 1/2 5 LBS.
STK#ORD7629823
PRICE: \$1.50



PRI: 120V 50-60CYC.
SEC: 5v CT @ 10.8A
SIZE: 5x3x3 1/2
WT: 8 LBS.
#L 217247-1
PRICE: \$3.95



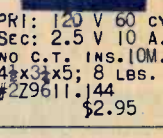
PRIMARY VOLTS
81, 163 & 230
50/60 CYCLE
SECONDARY VOLTS
12 CT. 3 1/2
12 CT. 3 1/2
13 CT. 10 "
@ 115V 2/16v-3A 1/17V
10A. SIZE 4x7x7 1/2 LBS.
GE#7466333 \$5.95



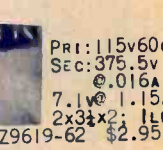
PRI: 110v 60 cyc.
SEC: 6.3v 2A
12.6v 1.5A
SIZE: 2x2x4
WT. 4 LBS.
5950-556-1826
\$2.50



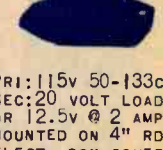
PRI: 120 V 60 CY
SEC: 2.5 V 10 A.
NO C.T. INS. 10M.
4x3x5; 8 LBS.
#229611.144
\$2.95



PRI: 115v60cy
SEC: 375.5v
@.016A
7.1v @ 1.15A
2x3x2; 1LB
229619-62 \$2.95



PRI: 115v 60cy.
SEC: 26 vct 3 AMPS
2x2x2 1/2 2 1/2 LBS.
#MID7586022-010
PRICE \$1.75



PRI: 115v 50/60cy
SEC: 20 VOLT LOAD
OR 12.5V @ 2 AMPS
MOUNTED ON 4" RD.
ELECT. BOX COVER
3x3x2 1/2 2 LBS.
#FR-24960 \$1.25

<p>ISOLATION TRANSFORMER PRI: 208v. 60CY. SEC: 115v. 15 AMPS 10x9x7 1/2 115 LBS. #648-3822 \$14.95</p>	<p>8 HY 100 MA 160 OHMS 2 1/2 x 3 1/2 x 2 1/2 4L #TR-1024 \$1.50</p>	<p>.5-25 HY @ 2-.6 ADC 70 OHMS MAX DC 535v WVM 2 1/2 x 3 1/2 x 2 1/2 4 LBS. GE#9T35Y283 \$1.25</p>	<p>25 HY 35 MA DO 1870 MV 2x3x2: 2LBS GE#7415231 \$.79</p>	<p>DAVIS DIMMER AUTO TRANSFORMER 230 VOLT 60 CYCLE 1 PHASE WITH 5 48 VOLT CIRCUITS THAT CAN BE VARIED 0- 48 V. MAX. 20 A. TOTAL. SIZE: 10x10x7; SHPG. WT: 90 LBS #GR-3 \$19.95</p>	<p>TRANSFORMER WITH METER 0-100 AC AMPS. PRI: 115 vac 60cy SEC: 10/14/19/24 W/ON-OFF SW. AND FUSED LINE. 140 LB SIZE: 16x8x15 1/2; 5950-537-4950 PRICE: \$39.50</p>	<p>PRI: 115 v. 60 CYC SEC: 150v. 550 MA 150v. 2.0 AMF 5.0v 5.0 " 6 1/2 x 6 1/2 x 4 1/2; 26 LBS. 5950-537-4950 \$6.95 5950-481-3482 \$6.95</p>
<p>FILAMENT TRANS. PRI: 215 v 60CY 71V. A. SEC: 11.5v T4.3A 4 1/2 x 3 1/2 x 3 1/2 7LBS. #199-2255 \$3.95</p>	<p>30 HY 70 MA 550 OHM 2 1/2 x 2 1/2 x 3 1/2 1LB #3C325-6 \$1.25</p>	<p>TOBE FILTERETTE 7.5 AMPS. 500 VDC TEST 2 1/2 x 1 1/2 x 1 1/2 1/2 LB 5915-504-1448 1426/7966 \$1</p>	<p>DUAL CHOKE 11 HY 100 MA 200 OHMS 4x4x5 1/2 WT 8 #3C557F-1 \$.75</p>	<p>11 HY 500MA 1350 VAC @ 120CY 7x6x9 1/2 WT. 42 L 1TC NO. DC-6281 PPICE: \$8.95</p>	<p>PRI: 115 v. 60 CYC SEC: 8.5 v. 54 AMF OR 7.5 v. 48 " OR 7.5 v. 32 " SIZE: 6x7 1/2 x 9; 50 LB; #3340-296-879 \$14.95</p>	<p>PRI: 117.5v 60CYC SEC: 525VCT125 MA. 6.3v 2.5 A. 5.0v 2.0 A. 4x5x5; 15 LBS. JEFFERSOND-12A64E \$4.95</p>
<p>PRI: 107/11/115/119/123/127 VAC 50/66 HZ. SEC: 64.4 VCT @ 1.6 AMPS SIZE: 4 1/2 x 3 x 3 WT: 7 LBS. #5950-827-0247 \$4.95</p>	<p>8 HY 450 MA THORD: T4473 P/O BC-303 TRAN 5 1/4 x 5 1/2; 18 LB STR#344622.1 \$6.95</p>	<p>10 HY 150MA 210 OHMS WT. 4 1/2 LBS. SIZE: 2 1/2 x 5 x 2 1/2 #217366-1 \$1.75</p>	<p>10 HYS 500 MA 45 OHM DC RES 500 WORK VOLTS 5950-646-1383 \$5.95</p>	<p>PRI: 115 vac 60 Hz SEC: 52 v @ 25 AMPERES 7 1/2 x 8 x 5 1/2 WT: 50 LBS PERKINS #H-6967-1 New \$19.95</p>	<p>PRI: 115/230v 50/60 CYC SEC: 444VCT 97 MA. 6.5VCT 3.2 A. 12.4v 390 MA. 4x4x3 1/2 8 LBS. 5950-376-9600 \$3.95</p>	<p>PRI: 115 V 60 CYC SEC: 2.65v 3.5 A 2.65v 3.5 A 6.3v 3.5 A SIZE: 3 1/2 x 5 x 3 1/2; 8LB #BNJT-166 \$2.80</p>
<p>CHOKES 8 HY 100 MA 160 OHM 2 1/2 x 3 x 2 1/2; 3 LB. #TR-1024 \$1.50 10 HY 0-1 AMP DC @ 10v. 60 HZ, 268 OHMS. 2 1/2 x 3 1/2 x 2 1/2; 4 LB #6467 \$1.75 5 TO 42 HY 160 OHMS, 130 TO 200 MA 3 1/2 x 3 x 4; WT: 7 LBS. #5950-646-0561 \$1.75 12 HY 210 MA 50 OHM; 5x6x4 1/2; 14 LBS. #3C316-33 \$2.50 140 HY @ 5v. 60 HZ; 10 MA DC 2700 OHMS. 2 1/2 x 2 1/2 x 3 1/2; 3 LBS. #HA-81-C \$2.95</p>	<p>1.5 HY 2 AMPS. 50V. 60CY. 6 OHMS RDC. TF1A04YY 7 1/2 x 7 1/2 x 6 1/2 44LBS #5950-184-6825 \$9.95</p>	<p>10 HY 415 MA RES. 60 OHMS TEST V 1800 SIZE 4x5x3 1/2 WT: 12 LBS. 5-50-645-9675 \$4.95</p>	<p>REACTOR FILTER CHOKE INDUCTANCE 3 HY. RES. 30 OHM, 350 MA DC 2000 V. PK. SIZE: 3 1/2 x 4 1/2 x 2 1/2; WT: 6 LBS. L-225/PP-115 \$2.50 PRI: 117v 50-60CYC SEC: 3/5v CT @ 2A 2/5v CT @ 2A 2/2.5v @ 10A 7x4x3 1/2 WT. 12 LB GILFILLAN #54148-1 PRICE: \$5.95</p>	<p>PRI: 220, 230, 240 SEC: 14v @ 5A 20v @ 5A 4x4 1/2 x 5 1/2 WT. 12 LB CS8779A \$5.95</p>	<p>PULSE & FILAMENT TRANSFORMER INPUT: 120v. 60cy. OUTPUT: 9.5v 12A MAX: 26kv .25A 1040 OHM LOAD 23x11x10 106 LBS. #5950-592-8890 \$20.00</p>	<p>PRI: 120v. 60CYC SEC: 4.5vCT 4 A. 3 1/2 x 3 1/2 x 2 1/2 1 1/2 LB 229611.409 \$1.95</p>
<p>8 HY 300 MA RES. 90 OHM WT: 7 1/2 LBS. 8x3x4 1/2 3340-310-190 \$5.95</p>	<p>10 HY 150 MA RES. 100 OHM TEST 3000 V. SIZE 3 1/2 x 4 1/2 x 3 WT: 7 LBS. 3C323-6220 \$1.95</p>	<p>PRI: 220/230/240v 50-60 CYC SEC: 2.5v CT @ 10A 5x3 1/2 x 3 1/2 WT. 6LBS 5950-648-4773 PRICE: \$2.95</p>	<p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4 1/2 x 5 1/2 x 7 1/2 18 Lbs. #5950-645-3891</p>	<p>PRI: 120v 50-60 CYC 37 VA SEC: 5VCT @ 2A 6.3v @ 1A 5VCT @ 4A 3x3 1/2 x 5 WT. 7 LB BENDIX#L217336-1 PRICE: \$3.95</p>	<p>POWER STAT VARIABLE TRANSFORMER ER: INPUT 115/230v 50/60 CY OUTPUT: 30v @ 25A 15-0-15 35 AMPS. MAX. KVA. 0.75 SIZE: 7x8x5 SHAFT 3/8"; WT: 25 LBS. POWERSTAT#LW136U USED \$25</p>	<p>GR TYPE V-10 VARIAC, 115V. 60 HZ; OUTPUT 0-135 v. 10 AMPS. SINGLE PHASE. \$21.00 POWERSTAT TYPE 136/BP57515, 115V. 60 HZ. OUTPUT: 0-120v @ 20 AMPS. CLOSED FRAME. 7 1/2" DIA. x 5 1/2" H. WT: 20 LBS. USED \$35.00 GR TYPE V20, SIMILAR TO ABOVE EXCEPT WITH OPEN FRAME USED \$30.00</p>
<p>3-5 HY 500MA RES. 28 OHM 5x4x4 9 1/2 LBS. KS-8572 3C1987-72 \$4.95</p>	<p>CHOKE 10 HENRY @ 200 MA 135 OHMS 2000 VRMS 60 CYC 3 1/2 x 3 1/2 x 5 WT. 9LB BENDIX#L217380-1 PRICE: \$3.95</p>	<p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4 1/2 x 5 1/2 x 7 1/2 18 Lbs. #5950-645-3891</p>	<p>FILTERS BAND PASS FILTER 2320 CYCLE WIDTH, BAND 1285-4200 CPS INPUT: 600 OHMS 250 OHMS OUTPUT: 120,000 OHMS 2 1/2 x 2 1/2 x 3 WT. 2 LBS. STK# 31892-19 \$1.95</p>	<p>PRI: 120v 50-60 CYC 37 VA SEC: 5VCT @ 2A 6.3v @ 1A 5VCT @ 4A 3x3 1/2 x 5 WT. 7 LB BENDIX#L217336-1 PRICE: \$3.95</p>	<p>GR TYPE W-2, 115V. 60 HZ. OUTPUT 0-135v. 2.4 AMPS. #5950-722-3495, New \$10.95 GR TYPE M-5/HMS11-2, 115V. 400 HZ. OUTPUT 0-135v. 7.5 AMPS, 0.862 KVA. #5950-683 7486, 1-PHASE. NEW \$12.95</p>	<p>POWERSTAT, 115v. 400/800HZ OUTPUT: 0-130v 7.5 AMPS. 0.975 KVA. #5950-516-2508, NEW \$13.95</p>
<p>6 HY 80 MA P/O TG-10 2 1/2 x 2 1/2, 1 1/2 LB #27294 \$.89</p>	<p>10 HY 150 MA RES. 100 OHM TEST 3000 V. SIZE 3 1/2 x 4 1/2 x 3 WT: 7 LBS. 3C323-6220 \$1.95</p>	<p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4 1/2 x 5 1/2 x 7 1/2 18 Lbs. #5950-645-3891</p>	<p>INTERSTAGE FILTER; 12 TO 24 MC. OPERATIONAL FREQ. STANDARD 5 PIN. 2 1/2 x 4 1/2 x 1 1/2 WT: 1 LB #321892-62.15 NEW \$1.95 LOWPASS FILTER; 500 KC CUT-OFF. 1 1/2 x 2 1/2 x 4 1/2 WT: 2 LBS. #321894-12.2 \$2.95</p>	<p>PRI: 120v 50-60 CYC 37 VA SEC: 5VCT @ 2A 6.3v @ 1A 5VCT @ 4A 3x3 1/2 x 5 WT. 7 LB BENDIX#L217336-1 PRICE: \$3.95</p>	<p>GR TYPE V20, SIMILAR TO ABOVE EXCEPT WITH OPEN FRAME USED \$30.00</p>	<p>MOTOR DRIVEN POWERSTAT 1126-1013, 115V. 50/60 HZ. SINGLE PHASE. OUTPUT: 0-135v. 15 AMP. 2 KVA. NEW \$65.00</p>
<p>SCOPE XFORMERS PRI: 120 v. 57-63 HZ. SEC: 2500-2900 V-RMS @ 5 MA 4050 WV. SIZE: 4 1/2 x 5 x 3 1/2 WT: 10 LBS. #HA-132-P \$6.95</p>	<p>5.0 HY AT 10 60 CYC 400 M RES: 50 OHM SIZE: 6x4x4 WT. 13 LBS. #3521746 \$7.00</p>	<p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4 1/2 x 5 1/2 x 7 1/2 18 Lbs. #5950-645-3891</p>	<p>BAND PASS FILTER 27.8 TO 30.8 KC. OPER. FREQ. 29.3 KC. INPUT IMP. 200 K OHMS OUTPUT 100 K OHMS. 224376.28 4 1/2 x 5 1/2 x 3 1/2; 3LBS. \$2.95</p>	<p>KNOB 4" DIA. WITH POINTER TAKES 1/16" SHAFT (NEEDS TO BE REDUCED TO FIT ABOVE UNIT) #KNOB-35 \$1.50</p>	<p>GR TYPE V20, SIMILAR TO ABOVE EXCEPT WITH OPEN FRAME USED \$30.00</p>	<p>AHR MODEL SV-C-1011, 115V. 60 HZ, 2-PHASE. 13 RPM. OUTPUT: 135v. 7.5 AMPS. #5950-589-4080 New \$50.00</p>
<p>PRI: 115 VAC 50/60 HZ SEC: 2/ 2.5 v. 1.75 AMP AND -2000 WV. 1400 V @ 3 MA DC. SIZE: 3 1/2 x 3 x 4 1/2 WT: 7 LBS. #5950-562-6279 \$6.95</p>	<p>11 HY 120 MA 3 1/2 x 3 x 3 1/2 6LBS. #13639-S \$1.95</p>	<p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4 1/2 x 5 1/2 x 7 1/2 18 Lbs. #5950-645-3891</p>	<p>TRANSFORMER WITH METER 0-100 AC AMPS. PRI: 115 vac 60cy SEC: 10/14/19/24 W/ON-OFF SW. AND FUSED LINE. 140 LB SIZE: 16x8x15 1/2; 5950-537-4950 PRICE: \$39.50</p>	<p>GR TYPE V20, SIMILAR TO ABOVE EXCEPT WITH OPEN FRAME USED \$30.00</p>	<p>GR TYPE V20, SIMILAR TO ABOVE EXCEPT WITH OPEN FRAME USED \$30.00</p>	<p>GR TYPE V20, SIMILAR TO ABOVE EXCEPT WITH OPEN FRAME USED \$30.00</p>
<p>PRI: 118 VAC 60 HZ SEC: 6.3 v. 5 AMP 8214 WV. SIZE: 5x3 1/2 x 3 WT: 7 LBS. #5950-059-2414 \$6.95</p>	<p>10 HY 225MA 25 OHM 3 1/2 x 5 1/2 x 5 WT. 11 LBS. #TF1R04YY \$3.95</p>	<p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4 1/2 x 5 1/2 x 7 1/2 18 Lbs. #5950-645-3891</p>	<p>TRANSFORMER WITH METER 0-100 AC AMPS. PRI: 115 vac 60cy SEC: 10/14/19/24 W/ON-OFF SW. AND FUSED LINE. 140 LB SIZE: 16x8x15 1/2; 5950-537-4950 PRICE: \$39.50</p>	<p>GR TYPE V20, SIMILAR TO ABOVE EXCEPT WITH OPEN FRAME USED \$30.00</p>	<p>GR TYPE V20, SIMILAR TO ABOVE EXCEPT WITH OPEN FRAME USED \$30.00</p>	<p>GR TYPE V20, SIMILAR TO ABOVE EXCEPT WITH OPEN FRAME USED \$30.00</p>
<p>PRI: 120 VAC 60 HZ SEC: 6.3 v. .7 A. 535 WV. 2/6.3v. .6 A. OPPOSED; 350 WV TO SEC3, 3800 WV TO GROUND 180 FW BRIDGE 50 MA, INSULATED FOR 3800 WV SIZE: 3 1/2 x 3 x 5 WT: 8 LBS. #HA-123-P \$6.95</p>	<p>10 HY 225MA 25 OHM 3 1/2 x 5 1/2 x 5 WT. 11 LBS. #TF1R04YY \$3.95</p>	<p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4 1/2 x 5 1/2 x 7 1/2 18 Lbs. #5950-645-3891</p>	<p>TRANSFORMER WITH METER 0-100 AC AMPS. PRI: 115 vac 60cy SEC: 10/14/19/24 W/ON-OFF SW. AND FUSED LINE. 140 LB SIZE: 16x8x15 1/2; 5950-537-4950 PRICE: \$39.50</p>	<p>GR TYPE V20, SIMILAR TO ABOVE EXCEPT WITH OPEN FRAME USED \$30.00</p>	<p>GR TYPE V20, SIMILAR TO ABOVE EXCEPT WITH OPEN FRAME USED \$30.00</p>	<p>GR TYPE V20, SIMILAR TO ABOVE EXCEPT WITH OPEN FRAME USED \$30.00</p>
<p>PRI: 120 v. 57-63 HZ. SEC: 2500-2900 V-RMS @ 5 MA 4050 WV. SIZE: 4 1/2 x 5 x 3 1/2 WT: 10 LBS. #HA-132-P \$6.95</p>	<p>10 HY 225MA 25 OHM 3 1/2 x 5 1/2 x 5 WT. 11 LBS. #TF1R04YY \$3.95</p>	<p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4 1/2 x 5 1/2 x 7 1/2 18 Lbs. #5950-645-3891</p>	<p>TRANSFORMER WITH METER 0-100 AC AMPS. PRI: 115 vac 60cy SEC: 10/14/19/24 W/ON-OFF SW. AND FUSED LINE. 140 LB SIZE: 16x8x15 1/2; 5950-537-4950 PRICE: \$39.50</p>	<p>GR TYPE V20, SIMILAR TO ABOVE EXCEPT WITH OPEN FRAME USED \$30.00</p>	<p>GR TYPE V20, SIMILAR TO ABOVE EXCEPT WITH OPEN FRAME USED \$30.00</p>	<p>GR TYPE V20, SIMILAR TO ABOVE EXCEPT WITH OPEN FRAME USED \$30.00</p>
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ANTENNAS

MP-22 MAST SECTION MOUNTING BASE WITH SWIVEL THAT WILL TIP TO 90 DEGREES, RIGHT OR LEFT AND WILL LOCK IN THE VERTICAL POSITION. WILL TAKE MS-53 OR MS-54 MASTS AS THE STARTING SECTION. MOUNTING PLATE SIZE: 5x6 HEIGHT OF BASE 10". WT: 10LBS. \$4.95

MP-22A SAME AS ABOVE EXCEPT THE STARTING SECTION IS MS-51 AND YOU CAN ADD MS-50 & MS-49. \$4.75

Mast Sections

3 ft. Tubular steel, cooper coated and painted sections. These screw together to make any desired length. MS-49 being the top & smallest section increasing in size through MS-50-51-52-53 to MS-54 being the larger one. Either the MS-53 or MS-54 will fit together to form any additional height desired. Example a 33 ft. vertical may consist of one each MS-49, 50, 51, 52, and 7 each of MS-53 or it may be finished out on the bottom with 6 MS-54 sections. Self support to about 18ft. Average wt. app. 3/4lbs. MS-49-50-51-52-53 .50gea. MS-54 .75ea



MP-73 GROUND PLANE MOUNTING BASE DESIGNED TO BE USED WITH MAST SECTIONS AB-21, 22, MS-116, 117 THAT SCREW TOGETHER TO MAKE DESIRED LENGTH FOR FREQ. REQUIRED. HAS SO-239 COAX. RECEPTACLE AND PROVISIONS FOR MOUNTING TO POLE TREE OR CORNER OF BUILDING. THE MOUNTING HOLES FOR THE VERTICAL ANT. AND THE RADIALS ARE 5/16" DIAMETER. SIZE: 10x15x6; WT: 10 LBS. PRICE: NEW \$9.95

NONE OF THE AB-21, 22 OR MS-116, 117 MAST SECTIONS ARE AVAILABLE NOW! MP-51 MAST SECTION SHOWN ELSE WHERE ON THIS PAGE WILL FIT BUT WILL HAVE TO BE FASTENED IN WITH BOLTS AND NUTS TO MAKE A GOOD CONNECTION. THE SAME GOES FOR AN-109 WHIP ANT.

AN-109 WHIP ANTENNA 5 FT. TAPERED 1/4 TO 1/8 W/3" SQ. BASE. \$1.50 EA. 4 FOR \$5.
AN-119 WHIP ANTENNA 6 FT. TAPERED 1/2 TO 1/8 THREAD 1/2"x20 \$1.50 EA. 4 FOR \$5.
AN-130 WHIP GOOSENECK 30" SCREW BASE FITS BC-1000, PRC ETC. \$1.50 EA. 4 FOR \$5.
AT-272 GOOSENECK BASE 8" USED WITH FLAT ANT. ON PRC SETS. \$1.50 EA. 4 FOR \$5.
AT-272 FLAT ANTENNA 30" USED WITH ABOVE BASE FOR PRC SETS. \$1.50 EA. 4 FOR \$5.

MP-74 GOOSENECK BASE FOR MAST SECTION AB-23 OR MS-118, 14" LG. WITH SPADE TYPE BRACKET FOR SIDE MOUNTING. \$1.50 4/\$5.
M-422 ADAPTER FOR USING MS-116-117-118 OR AB-21-22-23-24 MAST SECTIONS WITH BC-1000 & PRC SERIES SETS IN THE LONG ANTENNA RECEPTACLE. 7/8" LG. \$1.50EA 4/\$5.

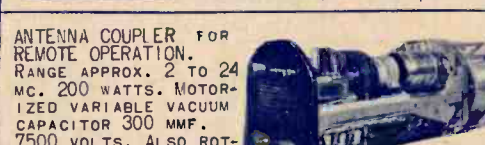
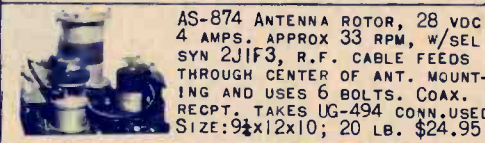
AT-235 DIPOLE ANTENNA 200-250 MHZ WITH UG-22 COAX. RECEPTACLE. \$1.50 EA. 4/\$5.00
UHF-1 DIPOLE ANTENNA FOR USE IN THE 155 TO 235 AND 460-570 MHZ BANDS. BASE STANDS 21" HIGH FOR FLAT MOUNTING ALSO HAS ADJUSTABLE BRACKET FOR POLE MOUNTING. AT-50 FOR USE IN LOW BAND \$14.95
 AT-51 FOR USE IN HIGH BAND. \$14.95

AT-598 ANTENNA TAPERED 30" LG. WITH CAST BASE AND COAX. RECEPTACLE FOR UG-100 A/U CONNECTOR. \$1.50 EA. 4/\$5.00
 MATCHING COAXIAL LINE WITH 2/UG-100A ON 14" OF RG-14. \$1.50 EA. 4/\$5.00
AN-20T ANTENNA TELESCOPING 20" EXTENDED. 8 1/2" COLLAPSED. CHROME. 50¢ EA. 5/\$2.00

G01-51048 TELESCOPING WHIP ANTENNA 15" COLLAPSED 7' EXTENDED. \$1.50 4/\$5.

AS-874 ANTENNA ROTOR, 28 VDC 4 AMPS. APPROX 33 RPM, W/SEL SYN 2J1F3, R.F. CABLE FEEDS THROUGH CENTER OF ANT. MOUNTING AND USES 6 BOLTS. COAX. RECEPT. TAKES UG-494 CONN. USED SIZE: 9 1/2"x12x10; 20 LB. \$24.95

ANTENNA COUPLER FOR REMOTE OPERATION. RANGE APPROX. 2 TO 24 MC. 200 WATTS. MOTORIZED VARIABLE VACUUM CAPACITOR 300 MMF. 7500 VOLTS. ALSO ROTARY INDUCTOR, SERVO MOTORS, FAN, 10 PLATE TYPE RELAYS, SWITCHES, CAPACITORS, RESISTOR TUBES 4/5727, 2/5670, 3/6201 ETC. SIZE: 24x7x8; WTL 25 LBS. #5821-658-3692



PRICE: USED \$29.95

AS-813/TRC-47 GROUND PLANE TYPE CORNER REFLECTOR FOR USE IN THE 132 TO 150 MHZ BAND, 50 OHM IMPEDANCE. TRIANGULAR ALUMINUM FRAME AND EXPANDED ALUMINUM BASE. TWO SIDE 65" OTHER 89", 16 VERTICAL RODS, 16 VERT. RODS SCREW INTO FRAME AND RADIATING STUB INTO CENTER AND IS ADJUSTABLE 17 TO 21 1/2", MOUNTING BRACKET FOR POLE OR MAST. SHPG. WT. 55 LBS. MOTOR FREIGHT ONLY. PRICE: \$15.00

AS-125/APR ANTENNA FOR USE WITH RECEIVERS IN THE 1000 TO 6000 MHZ RANGE. HAS 6" MOUNTING RING WITH HARDWARE AND UG-22 COAXIAL RECEPTACLE. SIZE: 6x8; 4 LBS. NEW \$4.95
UG-21 COAX. CONN. TO FIT 50¢ AS-69/APT ANTENNA FOR 535 TO 700 MHZ. RANGE. HAS 2 CROSS DIPOLES BENT DOWN FOR 1/2 WAVE TRANS. AND PHASING. SIZE: 9 1/2x8; WT: 8LB. TAKES UG-21 \$7.95

MN-20 MANUAL ROTATABLE LOOP ANTENNA, USED AS A DIRECTION FINDING ANTENNA IN THE 150 TO 1500 KC FREQ. RANGE WITH MN-26 & RA-10 RECEIVERS OR ANY OTHER TYPE IN THIS RANGE USED \$2.95 UNUSED \$3.95
MN-20C USED \$2.95 NEW \$3.95
MN-52 AZIMUTH CONTROL BOX W/O-360 DEG. DIAL, LIGHT & CRANK USED WITH MC-124 FLEXIBLE SHAFT THAT IS CONNECTED TO THE LOOP AND WHEN CRANK IS TURNED LOOP TURN UNUSUED \$2.95

MC-124 FLEXIBLE SHAFT FOR USE WITH LOOP AND CONTROL BOX, 5 1/2 FT. \$1.95 EACH EXTRA FT. 25¢ SPECIFY/SHIP CLOSIE

CABLE FOR ANTENNA LEADIN 5 WIRE SHIELDED WITH PLUG TO FIT LOOP OTHER END BARE WIRE 8 FT. LG. #AC58267 \$1.95

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS THAT TUNES FROM 200 TO 1750 KC, OPERATES FROM 26 VOLT 400 CYCLE SIZE: 10x11x5; WT: 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95

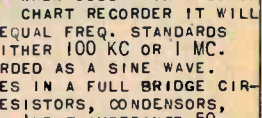
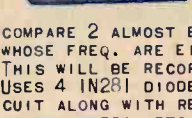
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COMPARATOR

CM-167/U SIGNAL COMPARATOR MIXES TWO FREQUENCIES AND DELIVERS AN OUTPUT PROPORTIONATE TO THE DIFFERENCE OF THE TWO SIGNALS. WHEN USED WITH A STRIP CHART RECORDER IT WILL

COMPARE 2 ALMOST EQUAL FREQ. STANDARDS WHOSE FREQ. ARE EITHER 100 KC OR 1 MC. THIS WILL BE RECORDED AS A SINE WAVE. USES 4 1N281 DIODES IN A FULL BRIDGE CIRCUIT ALONG WITH RESISTORS, CONDENSORS, TRANSFORMERS, ETC. INPUT IMPEDANCE 50-5000 OHMS. INPUT COAX. CONN. BCN. SIZE: 5 1/2x3 1/2x3 1/2; WT: 4 LBS. NEW \$4.95

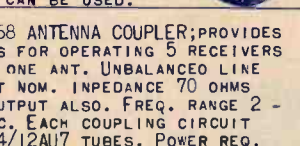


ADAPTER BASE WITH INSULATOR, MAST SECTIONS MS-52 OR MS-53 WILL SCREW INTO THE TOP AND ADAPTER BOTTOM WILL SCREW INTO MS-52 OR MS-53. CAN BE USED TO ISOLATE SECTIONS OF WHIP OR DIPOLE. SIZE: 1 1/2x8; 1 1/2 LB. NT-66023 \$1.95



115v. 50-400cy. RACK MTG. 19x8 1/2; WITH TUBES. UG-21 COAX. CONN. & MANUAL. WT: 75LBS. UNUSED \$29.95

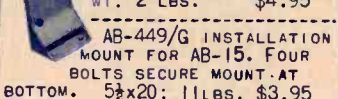
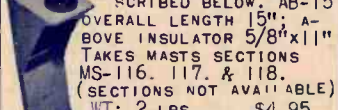
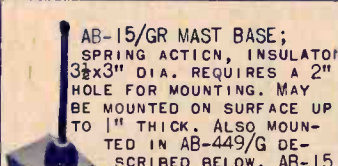
MOBILE WHIP ANTENNA BASE MOUNT, SWIVEL TYPE, TAPERED SPRING TAKES STANDARD 3/8" WHIP. WITH 10' RG-59 COAX. CABLE W/PL-259 ALSO INST. TEMPLATE WT: 5 LBS. #M1-31428-B1 \$5.95 UNIT CAN BE DRILLED AND TAPPED SO THE ABOVE SECTIONS CAN BE USED.



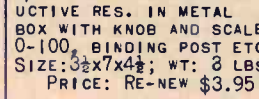
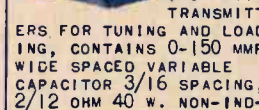
CU-168 ANTENNA COUPLER; PROVIDES MEANS FOR OPERATING 5 RECEIVERS FROM ONE ANT. UNBALANCED LINE INPUT NOM. IMPEDANCE 70 OHMS ON OUTPUT ALSO. FREQ. RANGE 2 - 32 MC. EACH COUPLING CIRCUIT HAS 4/12AU7 TUBES. POWER REG. 115v. 50-400cy. RACK MTG. 19x8 1/2; WITH TUBES. UG-21 COAX. CONN. & MANUAL. WT: 75LBS. UNUSED \$29.95

AB-15/GR MAST BASE; SPRING ACTION, INSULATOR 3 1/2x3" DIA. REQUIRES A 2" HOLE FOR MOUNTING. MAY BE MOUNTED ON SURFACE UP TO 1" THICK. ALSO MOUNTED IN AB-449/G DESCRIBED BELOW. AB-15 OVERALL LENGTH 15"; ABOVE INSULATOR 5/8"x11" TAKES MAST SECTIONS MS-116, 117, & 118. (SECTIONS NOT AVAILABLE) WT: 2 LBS. \$4.95

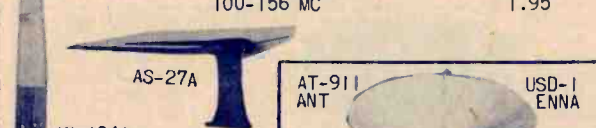
AB-449/G INSTALLATION MOUNT FOR AB-15. FOUR BOLTS SECURE MOUNT AT BOTTOM. 5 1/2x20; 11LBS. \$3.95



A-27 PHANTOM ANTENNA USED WITH BC-375 BC-191 100 WATT TRANSMITTERS FOR TUNING AND LOADING, CONTAINS 0-150 MMF WIDE SPACED VARIABLE CAPACITOR 3/16 SPACING, 2/12 OHM 40 W. NON-INDUCTIVE RES. IN METAL BOX WITH KNOB AND SCALE 0-100, BINDING POST ETC SIZE: 3 1/2x7x4 1/2; WT: 8 LBS PRICE: RE-NEW \$3.95



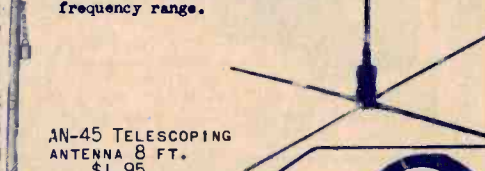
AS-27A/ARN-5 HORIZONTAL FOLDED DIPOLE AS USED WITH RC-103, BC-733, ARN-5 EQUIP. ON AIRPLANES. 108-110 MC \$9.95
AT-2/APN-2 DIPOLE ANTENNA 150-180 MC \$2.95
AN-104A STUB ANTENNA F/SCR-522 100-156 MC 1.95



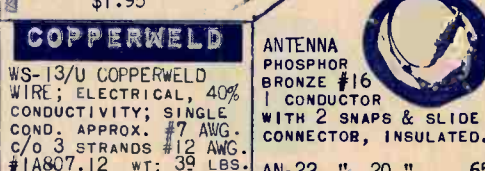
AN-104A
REFLECTOR 4" DEEP, UG-570/U 18 FOOT SECTIONS ALUMINUM WITH RADIO
14" DIAMETER RADIATOR 7" COAX. RECEPT MAST IN SIX 1 1/2" DIAMETER TUBING, USED PLANE. 10 LB PRICE: \$9.95



GROUND PLANE ANTENNA
 Ground plane antenna to cover 20 to 50 MC. Made from surplus insulated base & screw in type mast sections. Mounts on 1 to 2 inch pipe. Specify operating frequency range. \$10.95

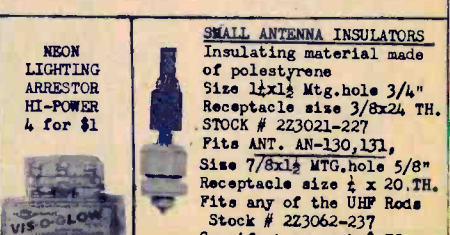


AN-45 TELESCOPING ANTENNA 8 FT. \$1.95
COPPERWELD
WS-13/U COPPERWELD WIRE; ELECTRICAL, 40% CONDUCTIVITY; SINGLE COND. APPROX. #7 AWG. C/O 3 STRANDS #12 AWG. #1A807.12 WT: 39 LBS. COIL OF 675 FT. \$10.00
ANTENNA PHOSPHOR BRONZE #16 1 CONDUCTOR WITH 2 SNAPS & SLIDE CONNECTOR, INSULATED. AN-22 " 20 " .65



CU-128F/U ANTENNA COUPLING UNIT, DESIGNED TO PROVIDE EFFICIENT SIGNAL TRANSFER BETWEEN ANTENNA TRANSMISSION LINES OF DIFFERENT IMPEDANCE, FREQ. RANGE 4 TO 20 MHZ, INPUT IMPEDANCE 200/250/700 OHMS OUTPUT 70 OHM WATERPROOF METAL BOX WITH MTS. & MANUAL SIZE: 8x4 1/2x7 1/2; SHPG. 15LBS. NEW \$4.95

SMALL ANTENNA INSULATORS
 Insulating material made of polystyrene
 Size 1 1/2x1 1/2 Mtg. hole 3/4" Receptacle size 3/8x24 TH. STOCK # 223021-227 Fits ANT. AN-130, 131, Size 7/8x1 1/2 Mtg. hole 5/8" Receptacle size 1/2 x 20 TH. Fits any of the UHF Rods Stock # 223062-237 Specify type each \$.75



CABLES NEW COAXIAL CABLE

NEW MANUFACTURE AND BRANDED WITH STANDARD TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-BETWEEN LENGTHS USE THE HIGHER PRICE. LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

	100 FEET	500 FEET	1000 FEET	5000 FEET
RG-8/U	52 OHM .12	.11	.10	.10
RG-11/U	75 OHM .14	.13	.12	.11
RG-58/U	53 1/2 " .05 1/2	.05 1/2	.05	.04 1/2
RG-59/U	73 " .07	.06 1/2	.06	.05 1/2

PRICES ARE PER FOOT

NEW COAXIAL CONNECTORS

SO-239	PL-259	M-359	PL-258 JUNCTION
\$.45 EA.	\$.45 EA.	\$.49 EA.	\$.89 EA.
10 OR MORE 10	10 OR MORE 10	10 OR MORE 10	10 OR MORE 10
\$.39 EA.	\$.39 EA.	\$.45 EA.	\$.80 EA.

TYPES MAYBE ASSORTED TO OBTAIN THE LOW PRICE

Coaxial Cable

FOR LESS THAN
3c Per Foot!

RG-54 A/U CABLE

DESIGNED FOR LONG LIFE & CONSTANT ATTENUATION 58 OHMS, .250 OD. WITH POLYETHYLENE JACKET.

370 FOOT ROLL \$10.00 70 FOOT ROLL \$1.95

LESS THAN SPECIFIED LENGTHS .03 PER FOOT

COAX CABLE ASSY.

TYPE	OHMS	LENGTH	CONNECTOR	STOCK#	PRICE
RG-26/U	48	30FT	2/UG-34	3E4392-11	4.95
RG-9B/U	51	25FT	2/UG-21	GEP19	2.25
RG-58/U	53	26FT	2/UG-88	GEP19	1.75
RG-22/U	95	40FT	PL/284	CD-879	.75
RG-22/U	95	46 1/2 FT	PL-284	CD-878	.80
RG-22/U	95	50FT	PL-284	CD-877	1.00
RG-62/U	93	8FT	2/UG-88	CG-1410	.75
RG-62/U	93	35FT	2/UG-88	CG-1410	1.00
RG-62/U	93	130FT	2/UG-88	CG-1410	1.95

CABLES FOR SETS

CABLE #	PLUG #	LENGTH	USED WITH	PRICE
3E7243-2	GK12-23 1/2	52 IN.	TCS/REC-PS	\$2.75
3E7273-19	SKC16-23 1/2	29 IN.	TCS/TRS-PS	2.75
CD-515		48 IN.	BC-669	5.95
CD-501	F/BC-654 & PE-103			4.95
CD-548	2EA PLI18	9 FT.	TEST SET	4.95
CD-549	2/ PL-112	9 FT.	TEST SET	4.95
CD-526	2/ PL-153	5 FT.	274 N SERIES	4.95
CD-532	2/ PL-152	5 FT.	"	2.75
CD-509		8 FT.	BC-659/620	2.75

COAX CONNECTORS USED

UG-290/U	PANEL RECP.	USED	25¢ EA.	5/1.00
UG-291/U	PANEL JACK	"	30¢	4/1.00
UG-88/U	PLUG	"	35¢	3/1.00
UG-260/U	PLUG	"	39¢	1/1.00
UG-262/U	PANEL JACK	"	45¢	1/1.00
UG-260/U	SPEC. ELBOW	"	45¢	1/1.00
UG-21/U	PLUG	"	59¢	1/1.00
UG-22/U	PANEL JACK	"	59¢	1/1.00
UG-298/U	ADAPTER	NEW	79¢	1/1.50
UG-29/U	ADAPTER SPEC	USED	59¢	1/1.00
UG-629/U	PANEL JACK	NEW	85¢	1/1.50
UG-36/U	PLUG	USED	\$5.00	1/9.00
UG-37A/U	PANEL JACK	"	5.00	1/9.00
UG-420/U	PANEL JACK	"	1.25	2/2.00
UG-421/U	PLUG	"	1.25	2/2.00
UG-100/U	PLUG	"	59¢	1/1.00
UG-100/U	PANEL JACK SPEC.	U	59¢	1/1.00
UG-109/U	STRAIGHT ADPTER	U	79¢	1/1.00
10H528	PANEL JACK	NEW	79¢	1/1.50
10H702	ELBOW	NEW	79¢	1/1.50
10H1366	STRAIGHT	NEW	79¢	1/1.50



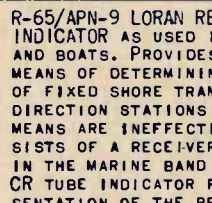
TS-239 OSCILLOSCOPE
GENERAL PURPOSE INSTRUMENT FOR TESTING RADAR & COMMUNICATION EQUIPMENT. DISPLAYS A LUMINOUS PLOT OF TIME-VARYING VOLTAGE PULSE OR WAVE ON A 3" CR TUBE. SINE WAVE OF 10 CYC TO 5 MC ARE SERVEABLE.

INPUT IMP. 300M OHMS W/30 MMFD CAP. SIGNAL INPUT SCOPE ONLY .1 TO 100 VOLTS PEAK. OUTPUT TRIGGER PULSE 4 25 V. 4 MICROSEC. DUR FREQ. RANGE 1 CYC TO 3 MC. PULSE DISPLAY .2 TO 5M MISCSEC. INTERNAL SQUARE WAVE 150 CYC PER-SEC. ADJ. .1 TO 1 VOLT. ALSO 75 VOLT SQ. WAVE. SENSITIVITY .1 VOLT PRODUCES STAND. DEFLECTION W/MAX. AMPLIFICATION. CONTROLS & CONN. ON FRONT PANEL. SIX STEP MULTIPLIER EXTENDS RANGE 300 TIMES. SWEEP ADJ. .1 TO 50M MICROSEC. POSITIVE OR NEGATIVE POLARITY. WITH USE OF PROBE INPUT IMP. MAY BE INCREASED TEN TIMES WITH LOSS OF SENS. AND INCREASE IN VOLTAGE TO 450. WITH TUBES 3/6AK5, 2/6AG7, 2/6C4, 8/7F8 1/6AL5, 2/6SN7, 1/VR-105, 2/6X5, 1/5K4 & 1/3JPI SIZE: 21 1/2 x 16 1/2 x 13 1/2. WT: 75 LBS. PRICE: USED CHECKED \$69.50 NOT CHECKED \$55.00

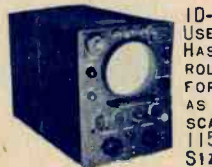


OS-29/UPM-4A
PRECISION SYNCHROSCOPE EMPLOYING A THREE INCH CATHODE RAY TUBE. THE SWEEP OF THE CRT CAN BE TRIGGER EXTERNALLY OR INTERNALLY AND CAN BE DELAYED WITH EITHER TRIGGER. THE SWEEP DURATION AND, WHEN INTERNALLY TRIGGERED, THE SWEEP FREQ. CAN BE CONTROLLED. THE INPUT SENSITIVITY OF THE VIDEO AMPLIFIER CAN BE VARIED IN SIX STEPS FROM 0.2-20 VOLTS PER INCH OF VERTICAL DEFLECTION. THE UNIT CONTAINS HIGH VOLTAGE POWER SUPPLY, BUT REQUIRES THE FOLLOWING VOLTAGES FOR OPERATION 300V, -27V, 425, 105V. NORMALLY SUPPLIED BY POWER SUPPLY PP-802/UPM-4A, NOT AVAILABLE. SIZE: 22x19x10. WT: 50 LBS. RENEW-\$34.95.....USED-\$22.95

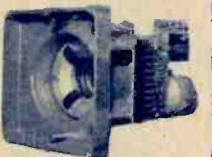
R-65/APN-9 LORAN RECEIVER
INDICATOR AS USED IN AIRCRAFT AND BOATS. PROVIDES ACCURATE MEANS OF DETERMINING POSITION OF FIXED SHORE TRANSMITTING DIRECTION STATIONS WHEN OTHER MEANS ARE INEFFECTIVE. CONSISTS OF A RECEIVER OPERATING IN THE MARINE BAND WITH 3" CR TUBE INDICATOR FOR PRESENTATION OF THE RECEIVED SIGNALS. OPERATES FROM 24 VDC & 115 V. 400-800 CYCLE. W/TUBES, LENSE, CRYSTAL. SIZE: 9 1/2 x 12 1/2 x 30 1/2; WT: 40 LBS. USED \$59.50 LESS TUBES, CRYSTAL, HOOD & LENSE..... \$20.00



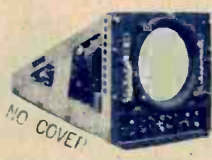
ID-4/APN-4 INDICATOR 5CPI CR USED WITH APN-4 LORAN SYSTEM. HAS ALL THE NECESSARY CONTROLS SO IT CAN BE CONVERTED FOR A CONVENTIONAL SCOPE OR AS A FOUNDATION UNIT FOR SLOW SCAN T.V. POWER SUPPLY IS FOR 115 V. 400 CYCLE OPERATION. SIZE: 9x12x20 WT: 35 LBS USED \$24.95 LESS TUBES \$12.95



MT-314/MPG-1 INDICATOR TUBE MOUNT FOR 7BP7 C.R. ELECTRIC FOCUSING WITH DIEHL CONTROL MOTOR FPE-25 75 V 60 CYC 2 PH AND A.C. SELSYN 115 V. 60 CYC. TYPE XV #78386, CAST ALUM INUM HOUSING & TUBE SOCKET FOR 7BP7 CATHODE RAY TUBE, FACE 11" SQ. X 15" DEEP, WT: 35 LBS. PRICE: LESS 7BP7 C.R. TUBE UNUSED \$14.95 WITH 7BP7 C.R. TUBE \$24.95



IP-53/CPS-6 RADAR HEIGHT INDICATOR WITH 12DP7AC.R. TUBE ALSO 6/807, 13/6SN7, 5/6AC7, 1/6AG7, 1/6SJ7, AND 1/VR-150. NO POWER SUPPLY WITH THIS UNIT. SIZE: 20x18x31; WT: 125 LB. PRICE: USED \$22.95



OSCILLOSCOPE VIEWING HOODS: 5" ROUND TEKTRONIX MFG.; PLASTIC BARREL W/RUBBER VIEWER; SIZE: 5x11 1/2 WT: 4 LBS. PRICE: NEW \$3.00 6"x5" RECTANGULAR HOOD; FOR INDICATOR BC-704-A; P/O SCR-521-A; SIZE: 6x5x9 1/2; WT: 4 LBS. #27A937B II. \$3.

PARTS BONNAZA



PLUG-IN TUNING UNITS USED WITH BC-191/BC-375 TRANSMITTER. THESE UNITS CONTAIN MANY PARTS THAT CAN BE USED BY SCHOOLS, LABORATORIES, HAMS, OR EXPERIMENTERS. LISTED BELOW ARE THE VARIOUS TUNING UNITS WITH FREQUENCY COVERAGE, AND PARTS LIST. ALL UNITS INCLUDE CABINET, KNOBS, HANDLES, BRACKETS, AND OTHER PARTS. THE NEW TUNING UNITS ALSO INCLUDE THE OUTER CASE.

Size: 17x9x7 1/2 WT: 13 LBS.

TU-5B 1500-3000 KC
M-O TANK INDUCTANCE
M-O BAND CHANGE SWITCH
ANTENNA COUPLING SWITCH
P-A BAND CHANGE SWITCH
CAPACITORS:
3/0.0001 MFD 3000 VOLTS
0.00003 MFD 2000 VOLTS
2/0.0004 MFD 5000 VOLTS
3/0.00009 MFD 3000 VOLTS
VAR. 8-26MMF, 20-135MMF
20-156MMF
ANTENNA COUPLING COIL
P-A GRID CHOKE COIL
M-O GRID CHOKE COIL
P-A TANK INDUCTANCE
RES. 15 OHMS, 4.5 WATTS
2 1/2" VERNIER DIAL
RIGHT ANGLE DRIVE
(NOT AVAILABLE)

TU-6B 3000-4500 KC
M-O TANK INDUCTANCE
P-A TANK INDUCTANCE
P-A GRID CHOKE COIL
M-O GRID CHOKE COIL
ANTENNA COUPLING COIL
M-O BAND CHANGE SWITCH
P-A BAND CHANGE SWITCH
ANTENNA COUPLING SWITCH
CAPACITORS:
2/0.00005 MFD 3000 VOLTS
2/0.0004 MFD 5000 VOLTS
VARIABLE CAP. 19-116 MMF, 8-26, 15-77 MMF
RES. 15 OHM, 4.5 WATTS
M-O TUNING COMPENSATOR
M-O TUNING COMPENSATOR
2 1/2" VERNIER DIAL
RIGHT ANGLE DRIVE
NEW \$5.95

TU-7-B 4500-6200 KC
M-O TANK INDUCTANCE
P-A TANK INDUCTANCE
ANTENNA COUPLING SWITCH
ANTENNA COUPLING COIL
P-A GRID CHOKE COIL
M-O GRID CHOKE COIL
CAPACITORS:
2/0.0004 MFD 5000 VOLTS
VAR. CAP. 8-26MMF, 23-111MMF, 19-116MMF
2 1/2" VERNIER DIAL
RIGHT ANGLE DRIVE
NEW \$5.95

BC-306 ANTENNA TUNING UNIT
200-500 KC
VARIOMETER COIL
VARIOMETER DIAL
ANTENNA COUPLING SWITCH
INSULATOR
NEW \$4.95

BC-788 TRANSMITTER RECEIVER AIRCRAFT ALTIMETER, PULSE TYPE, TRANS. OUTPUT 50 WATTS, FIXED FREQUENCY 440 MHZ, WITH TUBES 1/6L6 9/6AG5 & 1/5Y3. POWER REQ. 115 V. 400-2400 CYCLE. SIZE: 15 1/2 x 9 x 8; WT: 13 LBS. PRICE: USED \$18.95

TU-8-B 6200-7700 KC
M-O TANK INDUCTANCE
M-O GRID CHOKE COIL
P-A GRID CHOKE COIL
P-A TANK INDUCTANCE
ANTENNA COUPLING COIL
ANTENNA COUPLING SWITCH
CAP. 2/0.0004 MFD 5000V
VAR. CAP. 14-66MMF, 8-26MMF, 15-77MMF
2 1/2" VERNIER DIAL
RIGHT ANGLE DRIVE
NEW \$5.95

TU-9-B 7700-10,000 KC
M-O TANK INDUCTANCE
M-O GRID CHOKE COIL
P-A GRID CHOKE COIL
P-A TANK INDUCTANCE
ANTENNA COUPLING COIL
ANTENNA COUPLING SWITCH
CAP. 3/0.0004 MFD 5000V
VAR. CAP. 19-116MMF
8-26MMF, 15-77MMF
2 1/2" VERNIER DIAL
RIGHT ANGLE DRIVE
NEW \$4.95

TU-10-B 10,000-12,500 KC
M-O TANK INDUCTANCE
M-O GRID CHOKE COIL
P-A GRID CHOKE COIL
P-A TANK INDUCTANCE
ANTENNA COUPLING COIL
ANTENNA COUPLING SWITCH
CAP. 3/0.0004 MFD 5000V
VAR. CAP. 14-62MMF, 19-116MMF, 8-26MMF
M-O CHOKE COIL
2 1/2" VERNIER DIAL
RIGHT ANGLE DRIVE
NEW \$4.95

TU-26-B 200-500 KC
M-O TANK INDUCTANCE
M-O PLATE COIL
M-O GRID CHOKE COIL
P-A TANK VARIOMETER
P-A GRID CHOKE COIL
M-O BAND CHANGE SWITCH
ANTENNA COUPLING SWITCH
CAPACITORS:
3/0.0004 MFD 3000 VOLTS
2/0.005 MFD 5000 VOLTS
2/0.004 MFD 5000 VOLTS
2/0.0035 MFD 5000 VOLTS
0.002 MFD 5000 VOLTS
0.0005 MFD 3000 VOLTS
0.0007 MFD 3000 VOLTS
12 MMF, 35 MMF
VAR. CAP. 8-26 MMF
RES. 15 OHM 4.5 WATTS
2 1/2" VERNIER DIAL
RIGHT ANGLE DRIVE
USED \$5.95 NEW \$7.95

G-25A HAND TYPE MAGNETO GENERATOR USED TO RING TELEPHONE LINES; APPROX. OUTPUT 100 VOLTS. CAN BE USED AS SHOCK MACHINE, LIGHT SMALL LAMPS OR DRIVE WORMS OUT OF THE GROUND. PERMANENT MAGNETS. 4x2x2 1/2 DIA; 1 1/2 LB. U. \$2.95.



DC AIRCRAFT MOTOR; GE#5BA-50LJ29, 0.4 HP, 300 RPM. ARMATURE: 60V. @ 2.3 AMPS FIELD: 27 VOLTS @ 6.5 AMPS DUTY: 10 MIN. @ FULL RATING. SHAFT IS CORKSCREWING.



TYPE 5/8 INCH DIA. FLANGE MTG. 3 1/2 CNTS. BODY SIZE: 6 1/2 x 4 1/2 x 4 1/2 WT: 11 LBS. \$4.95

SM-30-FR MOTOR, 115 VOLT 60 HZ 1/75 HP, 1-PHASE, 1750 RPM; 5/16 INCH DIA. SHAFT WITH FLY WHEEL THAT CAN BE REMOVED. SIZE: 5 1/2 x 4 1/2 x 4 WT: 5 LBS. \$2.95



JOHN OSTER TYPE C-24A-1B KS-5829 27 VDC, 0.01 HP 7000 RPM. SERIES MOTOR. SIZE: 3x2 DIA. SHAFT 1x2 DIA. WT: 1 LB. USED 75¢ UNUS \$1.25



NSP-11-R SPEED REDUCER MOTOR, BODINE MFG. 115 VAC .30 AMPS; 1600 RPM SINGLE PHASE 60 HZ. 0.004 HP. GEARSHAFT RPM: 44; TORQUE: 2.8 IN-LBS. WITH STANDARD LINE PLUG AND ON-OFF SWITCH. SIZE: 7 1/2 x 5 1/2 x 4 1/2 SHAFT: 2x3/8" DIA. WT: 10 LBS PRICE: USED \$5.95



ART-13 MOTOR, 28 VDC. .05 HP @ 3900 RPM. REVERSIBLE; BALL BEARING. MOTOR WILL OPERATE ON 12 VDC. SIZE: 4 1/2 x 3 1/2" DIA. WT: 1 1/2 LB. PRICE: USED \$1.75 UNUS \$2.75



DELCO MOTOR #5069466, 27.5 VDC 2.4 AMP. 1/30 HP 3600 RPM. SIZE: 5 1/2 x 2 1/2" DIA. SHAFT 1x2 1/2" DIA. WT: 1 1/2 LB. UNUS \$2.95



TG-10 KEYER MOTOR, 115V. 60 HZ. 1550 RPM WITH 1-7/8" SHAFT GEARED TO 80 RPM. REMOVED FROM TG-10 EQUIPMENT. SIZE: 3 1/2 x 3 1/2 x 4 1/2 WT: 3 LBS. #3H3000-3 USED \$2.95



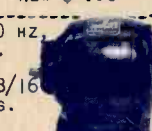
ELECTROLUX MOTOR 28.5 VDC 1.8 AMPS. 1/35 HP 220 RPM. SHAFT SIZE: 1 1/2 x 1/2" DIA. MOTOR SIZE: 4 1/2 x 3 1/2" DIA. WT: 5 LBS. USED \$3.95



WESTINGHOUSE BUSINESS MACHINE MOTOR, 0.025 HP. 115V. 50/60 HZ @ 1.2/1.0 AMPS. TO BE USED WITH 4 OR 3 MFD. CAPACITOR FOR 1425 OR 1725 RPM. SIZE: 4 1/2 x 4 x 4; WT: 5 LBS. SHAFT 5/16x3/4 FLATTENED FOR RUBBER SHOCK MTG. BRACKET. NEW \$4.95



TELETYPE MOTOR AC; 110 VOLT 60 HZ. SINGLE PHASE, NON-SYNCHRONOUS. 0.04 HP, 1800 RPM, 1.25 AMP. DOUBLE SHAFT 1 1/2 x 3/16 AND 5/8 x 3/16 MOTOR SIZE: 5 1/2 x 5 x 5 WT: 13 LBS. GE#28478 USED \$4.95



LEECE-NEVILLE 24 VDC @ 45 AMPS. 0.75 HP 4500 RPM. SPLINED SHAFT 5/8x3/4. WITH FOUR HOLE MOUNTING BASE AND FLANGE 4 1/2 x 4 1/2. MOTOR SIZE: 4x4x7; WT: 24 LBS LE TYPE 1504M UNUS \$7.95



AC GEARHEAD MOTOR, GE#5K0-35KG; 115 VAC 60 HZ. 0.25 HP 1725 RPM. THERMALLY PROTECTED. WITH BOSTON RATIO GEARHEAD: 35 RPM, TORQUE 192 FT-LBS. RIGID CRD MTG. 1 1/2 x 6 x 6 1/2 LESS 1/2" DIA. SHAFT. SHPG. WT: 50 LBS. USED \$20.00



WE KS-5871-LO1 MOTOR, 28.8 VDC @ 3.3 A. 5600 RPM. 0.04 HP SERIES WOUND. CONTINUOUS DUTY; REVERSIBLE WITH SPEED GOVERNOR. (MAY ALSO OPERATE AT 12 VDC AT REDUCED SPEED. SHAFT 1x1/2, OVERALL SIZE: 6 1/2 x 3 1/2" DIA. SHPG. WT: 7 LBS. USED \$7.95



MERCURY MOTOR 24 TO 28 VOLT DC 60 HZ. OPEN FRAME TYPE, APPROX. 2500 TO 3000 RPM DEPENDING ON THE OPERATING VOLTAGE AND LOAD. SIZE: 2 1/2 x 2 1/2 x 3 WT: 1 LB. #MER-M02428 USED 75¢



EMC TYPE 300, 45V. 60 HZ. 6.5 RPM. LIGHT OPEN FRAME 5x2 1/2 x 1 1/2. SHAFT: 1x3/16" DIA. WT: 1 LB. \$1.50



GEARHEAD MOTOR, 115V. 60 HZ; 54 RPM, OPEN FRAME FOR MEDIUM USE. SHAFT 1 1/2 x 5/16" DIA. SIZE: 4x3x2 1/2 WT: 2 LB #9M203 UNUS \$2.95



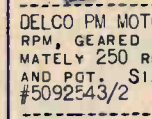
GEARHEAD MOTOR, 115V. 60 HZ. 3.44 RPM. OPEN FRAME TYPE FOR LIGHT USE. SHAFT 4x5/16" DIA. MOTOR SIZE: 6x2x3 WT: 2 LBS. #ZA-1056 \$1.95



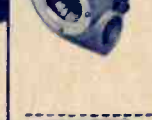
DELCO PM MOTOR #5069466, 27.5 VDC, 10,000 RPM. IN ALUMINUM CASE GEARED TO WORM GEAR. WORM GEAR 2000 RPM. MOTOR SIZE: 1 1/2 x 1 1/2 x 2 1/2; CASE SIZE: 2 1/2 x 2 1/2 x 2 WT: 2 LBS. #3H3100A-1 \$3.95



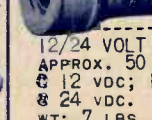
DELCO PM MOTOR 5067125, 27.5 VDC, 10,000 RPM. TWO GOVERNORS, TAPERED SHAFT 3/16x1/16" DIA. MOTOR SIZE: 3x1x1 WT: 5 LBS. \$3.95



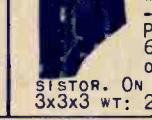
PM MOTOR ASSEMBLY & GEAR TRAIN USED IN R-44 RECEIVER FOR REMOTE TUNING. CONTAINS DELCO PM MOTOR #5069370, 10,000 RPM, AND IS GEARED TO TWO SHAFTS WITH A 3" AND 1/2" GEAR WHICH TURN AT 40 AND 80 RPM. ASSY. SIZE: 4 1/2 x 6 x 3, SHAFT 1 1/2 x 1/2" DIA. WT: 3 1/2 LBS. #3H3100-15 \$4.95



DELCO PM MOTOR, 12 VOLT DC, 10,000 RPM, GEARED TO ASSEMBLY. APPROXIMATELY 250 RPM TO PLASTIC WHEEL AND AND POT. SIZE: 4x3x2 WT: 1 LB. #5092543/2 USED \$4.95



PINCOR BLOWER, CAST ALUMINUM HOUSING. 24 VDC SHUNT MOTOR, 5000 RPM, 10 CFM BLOWER. MOTOR NOISE FILTERED. SIZE: 3 1/2 x 4 1/2 x 4 WT: 5 LBS. USED \$2.95



JOHN OSTER 10 CFM BLOWER WITH MOTOR C28P-1A. 27.5 VDC 0.01 HP, 6000 RPM. SIZE: 3 1/2 x 3 1/2 x 4 1/2 WT: 4 LBS. USED \$3.95



28 VDC BLOWER, 6200 RPM WITH THE OPTION OF EITHER A SHUNT MOTOR TYPE OR PM MOTOR. SIZE: 3x2 1/2 x 3 SHPG. WT: 4 LBS. BLOWER WITH SHUNT MOTOR \$3.95 BLOWER WITH PM MOTOR \$6.95

12/24 VOLT DC DUAL BLOWER, APPROX. 50 CFM, 1500 RPM @ 12 VDC; 100 CFM, 3000 RPM @ 24 VDC. SIZE: 10x5x5 WT: 7 LBS. USED \$3.95

LOW SPEED MOTOR, 230 V. 60 HZ, 10 RPM WITH GEARBOX. SHAFT 1 1/2" DIA. MOTOR SIZE: 2 1/2 x 2 1/2 x 4, WT: 2 LBS. USED \$1.95

PHONOGRAPH MOTOR, 80 VDC 60 HZ. 78 RPM. WILL ALSO OPERATE ON 115V. WITH RESISTOR. ON MOUNTING PLATE. SIZE: 3x3x3 WT: 2 LBS. USED 59¢



AY-201 SYNCHRO CONTROL TRANSFORMER, ROTOR 1 PHASE 26 V., STATOR 11.8 V. 400 CYCLE. SIZE: 1 1/2 x 1 1/2; SHAFT 1/16x1/2. VARIOUS MANUFACTURE PRICE: REMOVED FROM EQUIP. \$2.95

AY-165 AUTOSYN DIFFERENTIAL, 400 CYCLE, 11.8 V. 3 PHASE ONE TO ONE RATIO. BENDIX & OTHERS. SIZE: 1 1/2 x 1 1/2. PRICE: REMOVED FROM EQUIP. \$2.95

AY-123 AUTOSYN RESOLVERS; 400 CYCLE, ROTOR 2 PHASE 26 VOLT, STATOR 2 PHASE 11.8 VOLT. PRICE: REMOVED FROM EQUIP. \$2.95

AY-177-B1 AUTOSYN DIFFERENTIAL 400 CYCLE 3 PHASE 11.8 V. TO 3 PHASE RATIO 1-1 SIZE: 1 1/2 x 1 1/2; SHAFT 1/2 x 1/16 PRICE: NEW \$2.95

SYNCHRO GENERATOR SPERRY#R5663642, MFG. BY BENDIX. SIMILAR TO BENDIX AY-401-2, OPERATES FROM 26 VOLTS 400 CYCLE SINGLE PHASE WHEN USED IN CONJUNCTION WITH AY-201 CONTROL TRANS. IT WILL OPERATE UP TO 20 UNITS. SIZE: 2 1/2 x 2 1/2; WT: 12 OZ. PRICE: NEW \$2.95

SPERRY RAY-248, RCY-250, RBX-251, 662428, 662-426, 652174 AND OTHERS. PRICE: RE-MOVED \$2.95

HUGHES RESOLVER 810229, 810228, 810227 RM \$2.95 KETAY TRANSFORMER K-101300-20 RE-MOVED \$2.95

23CX4 TRANSMIT. 115 V. 400 CYC USED \$ 8.95 23TX4 " " " " " " 8.95 23TX6 " " " " " " 12.95 23CT4 CON/TRANS. " 400 " " " 8.95 23RS4A RESOLVER 90/90V " " " " 8.95 23CT6 TRANSFORMER 90/1V PER. DEG. 60CY 8.95

2JIHI SELSYN DIFFERENTIAL GENERATOR NORMALLY OPERATES FROM 57.5/57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 26 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM ON PAGE 31. SIZE: 2 1/2 x 2 1/2; WT: 8OZ. PRICE WITH CONNECTOR CAPS.....\$3.95

DAYSTROM TRANS COIL CONTROL MOTOR 115 VOLT 60 CYCLE, 1 PHASE, 2 PHASE 200 VOLT CT. 3200 RPM. SIZE: 2 1/2 x 2, SHAFT SIZE: 1/16x1/2 WITH GEAR. REMOVED FROM NEW EQUIP II MENT. PRICE: \$5.00

GE SELSYN CONTROL TRANSFORMER 57.5/57.5 VOLTS 400 CYCLE. (WILL OPERATE FROM 26 VOLTS 60 CYCLE) SIZE: 2x2; 1 LB. PRICE NEW \$3.95

DIEHL SELSYN TRANSFORMER 812732 115 VOLT 400 CYCLE. (CAN BE OPERATED ON 60 CYCLE WITH CAPACITOR) SIZE: 2 1/2 x 2 1/2; 3 LB. RE-MOVED \$2.95

BENDIX LM108JA 24 VDC, 0.04 HP 15,000 RPM, SERIES MOTOR. GENEVA LOC. ACTUATOR. SHAFT ROTATES 1/2 REVOLUTION, STOPS, AND IS LOCKED INTO PLACE UNTIL NEXT CONTACT IS MADE. THEN THE NEXT CYCLE IS REPEATED. APPROX. CYCLE TIME: THREE SECONDS. SHAFT SIZE: 1/2 x 1/2 DIA. MOTOR SIZE: 4x2 1/2 x 5 1/2 WT: 2 LBS. USED \$4.95

LINEAR ACTUATOR, STAT. 200, TENS. 40, COMP. 40. ARM TRAVEL 5/16". MOTOR 115V. 400 HZ, 1600 RPM. DUTY 1/10, 0.04 HP. TORQUE: 6.7 IN-OZ. SIZE: 5x5x3 1/2 WT: 5 LB. AIRSEARCH#34930 USED \$3.95

LINEAR ACTUATOR, STAT. 200, TENS 75-100, COMP. 75-100. ARM TRAVEL 1/2". MOTOR 115V. 400 HZ., 0.025 HP 6500 RPM. DUTY 1/10, TORQUE: 3.9 IN-OZ. SIZE: 5x8 1/2 x 4 1/2 WT: 5 LB AIRSEARCH#3D146-120 USED \$3.95

RATCHET MOTOR, 24 VDC 60 RPM CONTINUOUS. ALSO THREE POSITION STOP. BAND SWITCH ASSEMBLY AS. USED IN R-5/ARN-7 COMPASS RECEIVER. UNIT WILL ALSO OPERATE FROM 18 TO 24 VDC. SIZE: 3x4x1 1/2 WT: 2 LBS. #609-ARN-7 \$1.25

GENERAL INDUSTRIES HEAVY DUTY PHONOGRAPH MOTOR, 115 VOLT AC 60 HZ. 33-1/3 RPM. SIZE: 4x4x4 WT: 6 LBS. G1#4483 USED \$1.95

JUST RELEASED



AN/GRR-5 RADIO RECEIVING SET FOR USE IN THE 1.5 TO 18 MHZ RANGE, 4 BANDS, 115 VOLTS 50 OR 60 CYCLE, 6, 12, 24 VDC OR DRY CELL BATTERIES 90 AND 1.5 VDC. CAN BE USED FOR OPERATION THE SET CONSISTS OF THE R-174 RECEIVER WHICH IS A SUPERHETRODYNE RECEIVES AM, CW AND MCW SIGNALS, WITH CONTINUOUS TUNING AND FACILITIES FOR PRESETTING ANY 10 CHANNEL FREQ., 200 KHZ CRYSTAL CALIBRATOR, 455 KHZ IF WITH TUBES 1/3V4, 3/1R5, 3/1L4 & 1/1U5. THE OUTPUT OF THE REC. IS FEED INTO A HEAVY DUTY 4" SPEAKER THAT IS PART OF THE PP-308 POWER SUPPLY AND TO OUTPUT PHONE JACKS ON THE REC. PP-308 POWER SUPPLY FURNISHES ALL THE VOLTAGE REQUIRED WHEN ANY OF THE POWER SOURCES ARE APPLIED AS STATED ABOVE AND IT ALSO CONTAINS THE SPEAKER. BOTH UNITS ARE MOUNTED IN A TWO COMPARTMENT CABINET THAT IS SHOCKMOUNTED. PP-308 IS SUPPLIED WITH TUBES 2/6AG7, 1/1007 & 1/0B2.
 SIZE: 13 1/2 x 8 1/2 x 12 1/2; WT: SHPG. 75 LBS. ACTUAL 62
 PRICE: USED, REPAIRABLE \$49.50 CHECKED, \$59.50
 POWER INPUT PLUG ONLY \$2.00; FIVE (5) FT AC LINE CORD 50¢; 15 FT. DC CORD \$1
 MANUAL FOR AN/GRR-5 \$7.50

R-392/UFR RADIO RECEIVER

500 MHZ TO 32 MHZ IN 32 BANDS OF 1 MHZ EA. EXCEPT 500 MHZ TO 1 MHZ IS 1/2 MHZ. TYPE SIGNAL IS CW, MCW, VOICE AND FREQ. SHIFT KEYING, TRIPLE CONVERSION ON LOWER 8 BANDS, DOUBLE ON ALL OTHER BANDS, CONTINUOUS TUNING READ DIRECTLY ON COUNTER TYPE INDICATOR, CALIBRATOR IS BUILT IN, 100 KHZ POINTS CRYSTAL CONTROL. WITH 25 TUBES CONSISTING OF 26A7, 26A6, 12AU7, 26C6 AND 26D6. POWER REQUIRED FOR OPERATION 24/28 VDC @ 3 AMPS. ONLY, NO OTHER VOLTAGES REQ. HIGH-PERFORMANCE, RUGGED DESIGNED/MOBILE
 SIZE: 11 1/2 x 14 1/2 x 11; WT: ACTUAL 52 LBS. SHPG. 70
 PRICE: USED, REPAIRABLE \$295.00 CHECKED \$350
 POWER INPUT PLUG \$2.00 MANUAL \$8.50



MAGNETRON

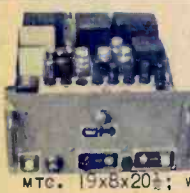


O-444/ALT-68 OSCILLATOR SECTION WITH TYPE L-3110-A MAGNETRON TUBE AND AIR PUMP MOTOR WITH FITTINGS FOR "L" BAND WAVE GUIDE SIZE 1 1/2 x 2 1/2. 3000 TO 4000 MHZ. MOTOR 27 VOLTS DC.
 SIZE: 7 x 13 1/2 x 11 WT: 23 LBS.
 PRICE: USED \$24.95

IDENTIFICATION SET

RT-82/APX-6 RADAR IDENTIFICATION SET RECEIVER-TRANSMITTER COVERING RANGE OF 950-1150 MC. IF FREQ. 59.5/1.5 MC. (CAN BE CONVERTED TO 1215 MC. QST FEB. '61 SETP. '60; 1296 MC. QST JUNE '61). WITH (30) TUBES 6/6J6, 1/6AS6, 1/3E29, 3/6AL5, 1/5Y3, 2/3B24, 5/6AL5, 2/12AU7, 7/6AK5, 1/2C42, 1/2C46, 1/1B40, 1/1N-43, 1/1N-25 DIGIT COUNTERS ON TUNERS FOR TRANS-REC-LO FREQ. CONTROLS. VOLTAGE REQUIRED 24 AND 115 400/800 CYCLE. SIZE 13x13x10; WT: 45 LBS. \$39.50
 FRIGES: USED \$18.95 Gov't RE-COND.

APX-6 R.F. HEAD A-403 p/o RF-29 WITH COUNTERS AND ANTENNA INPUT. USES TUBES 2C42, 2C46 & 1B40
 8x8 1/2 x 3; WT: 6 LB. \$8.95



R-38C/MPN RECEIVER 30 MC T.R.F. PULSE RECEPTION RADAR "S-X" WITH AFC AND GAIN CONTROLS AND TEST JACKS. 117V. 60 CYCLE VOLTAGE REGULATED POWER SUPPLY. WITH TUBES 7/5AC7, 3/6B4G, 2/6SN7, 2/6V6, 2/6SJ7, 2/5R4GY, 2/VR-105, 1/VR-150, 884, VII, 6H6. RACK MTC. 19x8x20 1/2; WT: 100 LBS. PRICE: \$25.00

RADIO TELEPHONE LINK



AN/TRC-47 RADIO SET IS PRIMARILY USED AS PART OF A 3 MILE SINGLE CHANNEL RADIO LINK IN A TWO WIRE TELEPHONE SYSTEM. A CONVERTER IS USED TO CONNECT THE TWO SYSTEMS. THE UNIT IS SINGLE CHANNEL AM CRYSTAL CONTROL FOR USE IN THE 132 TO 150 MC BAND AND REQUIRES 115 OR 230 VOL 50 TO 400 CYCLE FOR OPERATION. THE TRANSMITTER OUTPUT IS 7 WATTS AND COMES WITH TUBES 1 EA. 2E26, 5763, 5R4, 6AK6, 0A2 12AX7, 2 EA. 12AU7 & 6L6, TUNING METER & METERING SW. . . . RECEIVER HAS SPEAKER AND TUBES 1 EA. 12AT7, 6AQ5, 12AX7, 6AX5, 2 EA. 6BA6, 6J6, 0B2 & 4/6AK5. . . THE CONVERTER IS A COMBINED RINGING SIGNAL CONVERTER AND ELECTRONIC HYBRID NETWORK. IT CONVERTS A 20 CYCLE SIGNAL TO A 800 CYCLE AND 800 CYCLE FROM THE REC TO 20 CYCLE SO THE SIGNALS CAN BE TRANSMITTED AND ADAPTES TO TWO AND FOUR WIRE TEL. SYSTEMS. WITH TUBES 3 EA. 12AT7, 1 EA. 6AS6, 6AK6, 0B2, 2/0A2 & 3/6X4.
 CABINET SIZE 21 1/2 x 14 1/2 x 22 1/2; SHPG. WT: 100 LBS.
 PRICES: USED SERVICEABLE \$59.50



**RC-263 TRANSMITTING EQUIPMENT; 1.5 TO 10 MC CRYSTAL CONTROL OR M.O. ON ANY 4 PRESELECTED CHANNELS WITH LOCAL OR REMOTE DIALING OF "ON" OR "OFF" CHANNEL SELECTION ETC. 75 WATT C.W. 50 WATT PHONE. POWER REQ. 100 TO 260 V. 25-60 CYCLE FOR OPERATION OF THE BUILT IN POWER SUPPLY. THE BC-1100 TRANSMITTER CAN BE OPERATED REMOTELY AND COMES WITH TUBES 6/6L6, 3/807, 1/VR-150, 1/5Z3 & 2/RK-60. THE RM-40 CONSISTS OF AMPLIFIER W/LINE LEVEL METER, MICROPHONE CIR. SWITCHING AND PULSE DIAL CIRCUITS TO CONTROL THE TRANS. WHICH CAN BE DONE OVER TEL. LINES. WITH TUBES 2/6J5 & 1/80.
 TRANS. SIZE: 18x40 1/2 x 30; WT: 411 LBS.
 REMOTE " 10x14x13 1/2; WT: 50 LBS.
 SPARE PARTS BOX CONTAINS THE OPERATING TUBES, SPARE TUBES 16 SAME AS USED IN EQUIP. 2 HAND TYPE CHROME, CARBON MICS. 100 OHM, 7 METERS, 8 RELAYS, 1 SWITCH, 25 RESISTORS, 20 CONDENSER 110 FUSES, 2 RECT. 2 RHEO. 2 POTS, 24 LAMPS ETC. ALSO 2 MANUALS. SPARE PARTS BOX WEIGHT 72 LBS.
 PRICE: BC-1100, RM-40 & SPARE PARTS \$195.00
 WITH BC-1100 & RM-40 W/OPERATING TUBES \$150
 MANUAL BC-1100 W/OPERATING TUBES \$125.00
 RM-40 REMOTE CONTROL UNIT ONLY \$35.00**

PORTABLE REPEATER

EE-89 TELEPHONE REPEATER; PORTABLE BATTERY OPERATED, 2 WAY LINE UNIT. CAN BE USED AS TERM. OR INTERMEDIATE AMPLIFIER, USES ONE 3Q5GT TUBE, INCLUDES HEADSET ELEMENT FOR MONITORING AND GAIN CONTROL. BATTERY VOLTAGE REQUIRED 1.5 & 90 VDC. IN WOOD CASE W/CARRING STRAP. SIZE: 6x9x8; WT: 12 LBS.

EE-101 TELEPHONE RINGING EQUIPMENT USED FOR CONVERTING 20 CYCLE RINGING TO 1000/20 CYCLE ALSO 1000 TO 20 CYCLE FOR OPERATING TELE. DROPS ON 2 CHANNELS. POWER REQ. 115 OR 230 V. 50/60 CYCLE OR 12 VDC. WITH TUBES 6/6SJ7, 1/6V6. SIZE: 19x9x10; WT: 75 LBS. USED \$10

TG-30 TELEGRAPH REPEATER TERMINAL FOR TRANSMITTING OR RECEIVING ON A HALF DUPLEX ONE CHANNEL OPERATION. CAN BE USED TO INTERCONNECT NEUTRAL AND POLAR TELEGRAPH OF TELETYPE SYSTEMS ON SIMPLEX OR COMPOSITED RETURN CIRCUITS. SPEEDS 60/66 POWER REQ. 115/230 V. 50/60 cyc. 150 LBS. SHPD. IN WOOD CHEST 25x16x14 USED \$16.95

RA-133 POWER SUPPLY; VOLTAGE REGULATED FOR BC-221, TS-175 AND SIMILAR TYPE FREQ. METER INPUT 115/230 V. 50/60 CYCLE OUTPUT 125 VDC & 6.3 VAC. FITS IN BATTERY COMPARTMENT. SIZE: 8 1/2 x 7 x 4 1/2; WT: 10 LBS. USED \$24.95

RT-159/URC-4 RADIO RECEIVER-TRANSMITTER USED FOR GROUND TO AIR-CRAFT RESCUE WORK. VHF FREQ. 120-130 MC. UHF FREQ. 240-260 MC. CRYSTAL CONTROL TRANSMITTER, SUPER-REGENERATIVE RECEIVER. DIPOLE COLLAPSIBLE ANTENNA AND COMB. MIC & EARPHONE ARE PART OF THE SET. WITH 8 TUBES 4/6050, 2/6147, 2E32, & 3Q4. BATTERY VOLTAGES REQUIRED 1.4 AND 90 VDC. UNITS USED SERVICEABLE.
 SIZE: 3 1/2 x 7 x 2 1/2; WT: 3 LBS. PRICE: USED \$14.95



URC-4 TEST SET TS-684/URM-30 USED FOR ALIGNMENT AND TESTING URC-4 RADIO SET. CONTAINS 0-1 MA METER METERING SWITCH, CRYSTAL OSCILLATOR, ANTENNA, CABLES ETC. IN CASE.
 SIZE: 6x6x4; WT: 4 LBS. NEW \$9.95

RT-285/URC-11 RECEIVER-TRANSMITTER SIMILAR TO URC-4 RESCUE UNIT FOR USE BETWEEN AIRCRAFT AND GROUND. UNIT IS SET FOR 243 MC. TELESCOPING ANT. REC.-TRANS-TONE SW. BUTTON. VOLTAGES REQ. 1.4 & 90 VDC. SAME AS URC-4 ALSO URC-4 TEST SET CAN BE USED. TS-684 SHOWN ON PAGE 16
 SIZE: 3x1 1/2 x 4; WT: 1 1/2 LBS.
 PRICE: USED..... \$18.95

TS-712/TCC-11 TELEPHONE TEST SET IS A BATTERY-OPERATED PORTABLE UNIT WITH FACILITIES FOR MAKING TEST OF REPEATER TCC-11 AND ALSO RINGING 1600 CPS. THE 1600 CPS IS BY TRANSISTOR OSC. CIRCUIT USING ONE 2N21. THE AMPLIFIER CIRCUIT USES 2/1U5 TUBES. BATTERY VOLTAGE REQ. 1.5 V. & 90 V. HAS 3 1/2" RUGGEDIZED DB METER -12 TO -8 BASIC 100 MICROAMP. SELECTOR SW. 8 POS. 2EA. 3 POS. BINDING POSTS FOR CONN. EXTERNAL TELEPHONE. HOUSED IN ALUMINUM CASE W/HASP COVER (6).
 SIZE: 7 1/2 x 9 1/2 x 13 1/2; WT: 19 LBS. \$19.95

TELEMETER PROGRAM SELECTOR FOR PAY TELEVISION
 CHOICE OF THREE PROGRAMS WITH PROVISIONS FOR DEPOSITING THE AMOUNT OF MONEY REQ. FOR EACH PROGRAM AS INDICATED ON THE COIN REGISTER WHICH ALSO SHOWS THE CREDIT BALANCE. THE PRE-RECORDED TAPE GIVES THE PROGRAM INFORMATION. (THE EXACT FREQ. OF THE SIGNAL CARRYING THE VIDEO AND SOUND IS NOT KNOWN BUT IS THOUGHT TO BE ABOUT 35 MC. WITH A 8 MC. SIGNAL FOR TRIGGERING THE CONTROL MECHANISM. SIZE: 15x7x7; WT: 25 LBS. THE ITEMS LISTED BELOW ARE PART OF THIS UNIT AND CAN BE PURCHASED SEPARATELY.
 COMPLETE UNIT #1001/5 \$9.95
 CABINET ONLY; HIGH IMPACT PLASTIC, 3LBS. \$2.25

REGISTER MECHANISM FROM T.V TELEMETER PROGRAM SELECTOR, SHOWN ON PAGE 24 OF REGULAR CATALOG. CONTAINS 2 ACTUATING PLATE SELENIUMS 300 & 1200 OHM, 1 5 RPM 115 V. 60 CYCLE SYNCHRONOUS MOTOR, 1 115V 60 OPEN FRAME MOTOR GEARED, CONTACTS, GEARS, LIGHTS ETC. #TELE-REG. 1001
 SIZE: 7x5x6; WT: 5 LBS. A GOOD BUY FOR \$4.95

TAPE MAGAZINE 1/2" CONTINUOUS REEL APPROX. 66 FT. WITH RECORDING HEAD TENSION ROLLERS. UNIT WAS USED WITH THE REGISTER MECHANISM WHICH TURNED AT 20 RPM. CAN ALSO BE USED AT OTHER SPEEDS IF PROPERLY COUPLED. PART OF THE COIN COLLECTOR FOR THE TV TELEMETER UNIT. #TAPE MAG. 1001
 SIZE: 4x6 1/2 x 3; 2 LBS. PRICE: \$2.95

TELEMETER TV CHASSIS #334 WITH TUBES 1/6BE6, 3/6U8A, 1/12BH7 & 1/6B8A, 4" SPEAKER, PLATE RELAYS 1 3000 OHM COIL SPDT & SPST NORM. CLOSED, 1 3000 OHM 2PST NORM. OPEN. THE R.F. SECTION IS APPROX. 8 MC. WITH CRYSTAL OF 8135. THE 115 VOLT 60 CYC. POWER SUPPLY IS 150 VDC 100 MA. AND 6.3 3A. CHASSIS SIZE 10 1/2 L. x 6 DEEP x 6 HIGH WITH SPEAKER. WT: 10 LBS.
 # TELE-CHASS. 1001 \$5.95

Control Boxes

Filters

Indicators

Tuning Units

Amplifiers

VACUUM CAPACITOR

VACUUM CAPACITOR 3 MMFO 15 KVDC, PLUS OR MINUS 10% W/ CONNECTORS. SIZE 5/8x4; 8oz. JENNINGS TYPE Y-3 \$1.50

WESTERN ELECTRIC No. 8047 50 MMF, 5 KV, 5 AMP. SIZE: 1 1/2x1 1/2; 4 oz. u/WBC442 \$2.50

C-345A/MRC-2 CONTROL BOX HAS VOLUME CONTROLS, PHONE & SPEAKER JACKS, FOR TWO RECEIVERS A & B. ALSO 2 1/2 FT CORDS W/PL-68 PLUGS TO CONNECT THE UNIT WITH A & B. 6x3x2 WT: 4LB PRICE: \$3.95

TELECORD REMOTE CONTROL 3 NEON IND. 2 SPST PUSH SW W/25' 7 COND. CORD. 3x2x5 1/2; 5 LB. NEW \$4.95

C-87/ART-13 CONTROL BOX, WITH 11 CHANNEL SWITCH, VOICE, C.W-MW, IND. LIGHT, MIC JACK & CODE KEY. \$2.95

C-626/ARC-27 CONTROL BOX. AUTOMATIC CHANNEL SELECTOR PRESET MECH. W/ 24 V. DC MOTOR, RELAYS, GEARS ETC. SIZE 6 1/2x6x5; WT: 13 LBS. PRICE USED \$4.95

BC-1303 CONTROL UNIT USED IN IE-36 TEST SET FOR SCR-522. HAS ALL FACILITIES FOR OPERATION, OFF-A-B-C-D CHANNEL SWITCH, MIC, PHONE & ANT. JACKS, TRANS, REC & REMOTE SW. & PL-170 RECEPTACLE. \$3.95

ALARM BELL OPERATES ON 24 VDC. 4 1/2x4 1/2x2 1/2 # 561-3 \$1.25

BC-1366 C-4/ARN-7 RADIO COMPASS CONTROL BOX USED W/R-5, 5A ARN-7, THREE BANDS 200-1750 2" TUNING METER & GRAIN OF WHEAT LAMPS. TAKES MC-124 CONTROL SHAFT. USED \$3.95 FT-224 MOUNTING FOR C-4 BOX WITH TERMINAL STRIP & PLUG USED \$1.50

BC-1366 CONTROL BOX CONSISTS OF 5 POSITION ROTARY SWITCH, VOLUME CONTROL & MICROPHONE & PHONE JACKS PRICE: \$1.00

BC-606 CONTROL BOX; USED WITH BC-603/604, HAS PHONE & MIC. JACK, SPST SW. VOL. CONTROL, TERM. STRIP ETC. 4x4x2; 1 LB. \$1.00

C-30/ARC-5 BC-451 BC-136/2 C-30/ARC-5 CONTROL BOX WITH 7 push button switches marked A, B, C, D, OFF, 1&2. Also tone, CW & voice switch & connectors. Price... \$1.00

BC-451 CONTROL BOX with switches tone-CW-voice, on-off, 1/2/3/4 also code key, mic & phone jacks. Price: \$1.25 EA. 3/\$3.00

AUTO REMOTE CONTROL ASSY. MIC. JACK, PILOT LITE, ON-OFF SWITCH & 6 FT. 8 COND CABLE MOUNTED TO PLATE 3x3" 2LBS. PRICE: \$1.25 EA. 3/\$3.00

FL-8 BEAM FILTER AIR FORCE TYPE ACCEPT OR REJECT 1020 CYCLES. NO CORDS OR PL-5E SIZE: 2 1/2x2 1/2x3 1/2. WT: 1 1/2 LB. \$2.50

TL-150 TUNNING WAND FOR BC-659, BC-620 \$7.75

SIDE BAND Loading Coil C-114 - \$1.50

PHONE PATCH TRANSFORMER C-161 - \$1.50

HORN AIRCRAFT HORN SIGNAL WARNING EMERGENCY. TYPE J-1 PART# 71918 24 VOLT DC. 4"x1 1/2" 1 LB. PRICE: \$2.00

C-493A/VRC-2 CONTROL BOX W/ VOL. & SQUELCH CONTROLS, RED & GREEN IND. LIGHTS, AND STD 4-PRONG AMPHENOL MIKE RECEPTACLE. SIZE: 7x2 1/2x2 1/2 WT: 3LB PRICE: UNUSED \$2.95

REMOTE CONTROL BOX FOR TCS EQUIPMENT, CONTAINS 3 SPST SWITCHES, 2 PHONE AND MIC JACKS ALL WATERPROOF, 1 DUAL POTENTIOMETER WITH DIAL KNOB. SIZE: 5 1/2x5 1/2x3 WT: 3LBS. #CMX23429 NEW 75¢

FLASHER POSITION LIGHT, PERIODIC AIRCRAFT TYPE C-2, CONTAINS 2 FLASHER G-107 BALLAST TUBE, 24VDC RELAY DPDT, COND. RES. SIZE: 4x4x4; WT: 2 LBS. USED PRICE: \$1.00 EA. 2/\$1.50

BC-1152 SCOPE INDICATOR 3" CATHODE RAY TUBE 3HP7, 1/6H6. CONTROLS FOR CENTERING HOR. VERT. AZIM. INTENS. FOCUS & SCALE ILLUM. CABLE WITH 3 PL-259 COAX. CONN. H.V. PLUG. & CONTROL PLUG. SIZE: 14x5x5; WT: 10 LBS. PRICE: USED \$4.95

BB-54 WILLARD PLASTIC STORAGE BATTERY 2 VOLT 28 AMP. HOUR NON-SPILLABLE, BALL INDICATOR DRY CHARGE, ADD ELECTROLYTE SIZE 4x5x3; WT: 4LB. \$2.95

AUTOTUNE HEAD FOR ATC/ART-13 TRANSMITTERS, MULTITURN UNIT WITH DIAL 0-100, KNOB, REVOLUTION COUNTER, LOCKING DEVICE FOR PRESETTING. CONTROL "B". COL#23518 PRICE: \$1.95

BB-51 BATTERY 6 VOLT 2.75 HOURS THRU 30 OHMS LEAD CELLS SIZE 1 1/2x3 1/2x7/8. 5 OZ. DRY CHARGE. PRICE: 3 FOR \$1.00

BB-52 BATTERY, SAME AS BB-51 EXCEPT 36V. EA. 3A. HR. THRU 1200 OHM. PRICE 3 FOR \$9.50

BB-51 BATTERY 6 VOLT 2.75 HOURS THRU 30 OHMS LEAD CELLS SIZE 1 1/2x3 1/2x7/8. 5 OZ. DRY CHARGE. PRICE: 3 FOR \$1.00

BB-52 BATTERY, SAME AS BB-51 EXCEPT 36V. EA. 3A. HR. THRU 1200 OHM. PRICE 3 FOR \$9.50

BB-51 BATTERY 6 VOLT 2.75 HOURS THRU 30 OHMS LEAD CELLS SIZE 1 1/2x3 1/2x7/8. 5 OZ. DRY CHARGE. PRICE: 3 FOR \$1.00

1-101 CROSS POINT INDICATOR FOR COMBINED USE FROM LOCALIZER REC. & GLIDE PATH REC. PART OF /RN-5 & RC-103. SIZE 3 1/2x3 1/2x3 WT: 3LBS. RECOND. \$2.95

CAMERA LIGHT FILTER GRAY COLOR 50% TRANS. SCREW IN MOUNTING. 2-23/32 69MM DIA. WRITTEN DENSITY .30 FOR WOLLENSAK TYPE V254 MM F4.5 35 MM P/O PH330G CAMERA 8A1101-50.4 \$1.95

CONNECTORS PL-58 AND JK-37 THREE PRONG PLUG AND JACK. PLUG IS KEYS TO PREVENT INSERTING PLUG BACKWARDS. 2x3x1 1/2 EACH \$.59 PAIR \$ 1.00

CONNECTOR PLUGS 15 CONTACT SIZE: 2 1/2x1 1/2x1 1/2 PER PAIR \$1.50 P-601

18 CONTACTS 2 1/2x2 1/2x1 1/2 P-2802 PER PAIR \$2.00

35 CONTACT CONNECTOR MALE#621905 FEMALE#407375 SIZE 2 1/2x1 NO COVER \$1.50 PR.

15 CONTACT, POLARIZED 3 LARGE CONT. SIZE 1 1/2x2 AMP #26-150 F/CHASS.#151 W/CD USED \$1.50

GENERAL ELECTRIC HEAVY DUTY MULTI-SWITCH FOUR CONTACT 3 POSITION & OFF. POS. 1 & 2, 2 & 3, AND 3 & 1 SIZE: 5x4x2 1/2; WT: 3 LBS. GE#169B1GF11X4/SB-1 \$4.95

BB-208/AMT RADIOSONDE DRY CHARGE BATTERIES, 4 IN A VACUUM PACKED CAN, ONE 6V 2 1/2 HR THRU 30 OHMS, 3 36V EA. 3A HR. THRU 1200 OHM EA. BATT. SIZE 1-5/16x29/32x4-5/32; WT. EA. BATT. 4 1/2 OZ. BATTERY PACK (4) .59

N-T-6 PLASTIC STORAGE BATTERY DRY CHARGE, 6 VOLT 4 AMP. 3 1/2x2 1/2x1 1/2 LB \$3.95

BB-54 WILLARD PLASTIC STORAGE BATTERY 2 VOLT 28 AMP. HOUR NON-SPILLABLE, BALL INDICATOR DRY CHARGE, ADD ELECTROLYTE SIZE 4x5x3; WT: 4LB. \$2.95

AUTOTUNE HEAD FOR ATC/ART-13 TRANSMITTERS, MULTITURN UNIT WITH DIAL 0-100, KNOB, REVOLUTION COUNTER, LOCKING DEVICE FOR PRESETTING. CONTROL "B". COL#23518 PRICE: \$1.95

BB-51 BATTERY 6 VOLT 2.75 HOURS THRU 30 OHMS LEAD CELLS SIZE 1 1/2x3 1/2x7/8. 5 OZ. DRY CHARGE. PRICE: 3 FOR \$1.00

BB-52 BATTERY, SAME AS BB-51 EXCEPT 36V. EA. 3A. HR. THRU 1200 OHM. PRICE 3 FOR \$9.50

SINGLE BAND BEAM BALUNS INPUT 75 OHM-BALANCED. OUTPUT 100 OHM-BALANCED. 10, 15, AND 20 METER UNITS. WEATHERPROOF. 3 1/2x3 1/2x4 WT: 5LBS SPECIFY METER BAND 10, 15 OR 20. PRICE: NEW \$1.95

FLEXIBLE COUPLING METAL FLEXIBLE COUPLING 2" X 1 1/2" FOR 1/4 TO 1/4 SHAF COUN002 EA. \$.40

INSULATED FLEXIBLE COUPLING 1 1/2" X 1 1/2" FOR 1/4" SHAFT. COUN003 \$.25

JOHNSON CERAMIC COUPLING 2x2 F/1/4" SHAFT #COUN006 59¢ 2 FOR \$1

METAL FLEXIBLE COUPLING FIT 1/2" TO 3/8" SHAFTS. 1" DIA. 1 1/2" LONG. COUN005 \$.25

TERMINAL BOARD, P/O BD-71 SWITCHBOARD. HAS 15 BRASS BINDING POSTS ON INSULATING BOARD SIZE 3 1/2x16x2; WT: 3LB PRICE: \$1.50 EACH 4/\$5.00

LANDING GEAR SWITCH ASSEMBLY, SINGLE POLE DOUBLE THROW, PLUNGER TYPE, PLUNGER IS DEPRESSED OPENS ONE CONTACT, CLOSES OTHER, SPRING RETURN. SIZE 3x2 1/2x1 1/2, PLUNGER 2 1/2. WT: 8 OZ. PRICE: \$.50

DICTOGRAPH SWITCH BOX LEVER SWITCH 3 POSITION OFF-LISTEN-TALK, 2 INDICATOR LIGHTS, 6 POSITION WAFER SWITCH, 5 FT. 14 COND. CABLE, WOOD CASE WALNUT FINISH. 2x4x3 3 LBS. #DICT. 95083 \$2.00

CURRENT TRANSFORMER FOR USE WITH AC AMMETER, MOLD-ED TOROIDAL CONST 200/115 V 400 CPS CURRENT RATING 500: 0.65 AMPS. 2 1/2x2 1/2x1 1/2 IN. 4 OZ, # 7499 \$.75 SIMILAR TO ABOVE OPEN TOROIDAL. RATING 250: 2 AMPS 400 CPS. WEST. TYPE AVT-15A 3x3x1, 8 OZ. \$.75

RIGHT ANGLE DRIVE WITH SPIN KNOB AND 1 1/2" DIAL INDICATOR. 1 1/2x5/16 SPLINE SHAFT. 2 1/2x1 1/2x1 1/2; #9922 \$1

VERNIER DIAL 2 1/2" 100 TO 0 SCALE. TAKES 1/2" SHAFT. PRICE: \$2.00

ID-14/APN-1 RADIO ALTITUDE METER, 3" SCALE 0-6 MA MOVEMENT. CAN BE USED AS A BASIC METER MOVEMENT AND CHANGE SCALE AS DESIRED. PRICE: USED \$1.50

BC-347 AIRCRAFT INTERPHONE AMPLIFIER

Used in small planes for speaking. Has two oncuer transformers Carbon microphone input & standard headset output. Requires 12 Or 24 volt & 250VDC. Uses 6P8G tube. Size 3x2x5 WT 3LBS. With tube \$1.95 Less tube \$1.25

CONTROL JUNCTION BOX NO 3 WITH CHROME PUSHBUTTON & BUZZER THAT WILL OPERATE FROM 6-12 VDC ALSO OTHER PARTS. SIZE: 4 1/2x5x2 1/2; 2LBS. #PC-75523 79¢ 2 FOR \$1.50

PPI RADAR SYNCHRONIZER OFFSET CHASSIS ASSY WITH TUBES 2/6AT6 1/6101, 1/6100, 1/6096 1/6101, CERAMIC SOCKETS, 5 TEST PIN JAC PRECISION RES. COND, TRANS, SIZE 7 1/2x5x3 4 LBS, STK. NO.1013 \$1.50

FREE FIRING BOX CONTAINS 2 RELAY 6 V. 2PST NORM. OPEN, 3 CAPACITORS 2 MFD. 600 VDC, 3MFD. 120 V. 400 CYC. 2x5 400 VDC, W/ SCHEMATIC AND SHOCK MOUNTING. CHASSIS SIZE 8x5x2 1/4 WITH COVER 8x5 x6; WT: 10 LBS. \$1.95

VERNIER DIAL 6" 2 SCALES WITH LOCK. USED ON TAJ TRANSMITTER MO TUNING. 5 LBS. \$3.50

VIBRATORS

VB-16/6, 12 OR 24 VOLT FOR PE-237 \$3.95

TYPES LISTED BELOW \$1.95 EACH

VB-1/6VOLT FOR PE-117 PE-97 & PE-237

SAME AS VB-7

VS-3/6VOLT FOR PE-104

SAME AS MALL-550C

G534/12 VOLT FOR PE-110

VB-8/2 VOLT FOR PE-157

VB-9/6 VOLT FOR PE-157

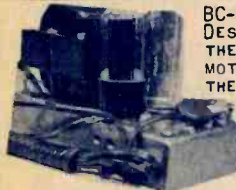
MINIMUM ORDER \$3.00



RECEIVER POWER SUPPLIES AND SPEAKER FOR THE FOLLOWING:
 R-23/ARC-5 BC-453 BC-342
 R-24/ARC-5 BC-454 BC-344
 R-25/ARC-5 BC-455 BC-348
 R-26/ARC-5 BC-946 BC-429
 R-27/ARC-5 R-108, 109, 110

COMPLETE WITH DYNAMIC SPEAKER HOUSED IN A METAL CABINET WITH CONNECTING CABLE, PLUG, PHONE JACK, VOLUME CONTROL, BFO SWITCH, ETC. IF APPLICABLE. CAN ALSO BE USED FOR OTHER SETS. OUTPUT: 200/250 VDC @ 90/60 MA AND 24 VAC @ 2 AMPS. INPUT: 115 VAC 60 HZ. PLEASE SPECIFY THE TYPE SET. DIMENSIONS AND PARTS OF THE POWER SUPPLIES MAY VARY WITH AVAILABILITY OF MATERIALS. 9 1/2"x6 1/2"x5 WT: 10 LB PRICE: KIT OF PARTS \$18.00 WIRED \$21.00

BC-652 RECEIVER POWER SUPPLY WITH SPEAKER SAME AS ABOVE; KIT \$20.00; WIRED \$23.95



BC-603/BC-683 RECEIVER P.S. DESIGNED TO BE PLUG IN-TO THE SAME PLACE AS THE DYNAMOTOR WITH NO CONVERSION TO THE SET THAT WILL EFFECT THE OPERATION FROM THE DYNAMOTOR. ONLY WORK REQUIRED IS ADD ON/OFF SWITCH IN PLACE OF SPAR FUSE HOLDER. TRANSFORMER TYPE USING 5Y3GT TUB

OUTPUT 220 VDC, 80 MA. & 24 VDC 2 A. WT: 5 LBS. NO. P.S.603/683 KIT \$11.00 WIRED \$16.00



PE-110D POWER SUPPLY FOR BC-669 TRANSMITTER-RECEIVER. INPUT 115 VOLT 60 CYC. OUTPUT 520 VDC @ 420 MA. A 12 VDC VIBRATOR TYPE POWER PACK WITH AN OUT PUT OF 275 VDC @ 64 MA THAT PLUGS INTO THE CHASSIS SERVES AS A RECEIVER STANDBY. INCLD. FOUR 5Z3 TUBES, RESET CIRCUIT BREAKERS, A.C. OUTLETS, AND POWER OUTPUT PLUGS. SIZE: 20 1/2"x9 1/2"x12; WT: 100 LBS. UNUSED \$30.00

R-77/ARC-3 RECEIVER POWER SUPPLY

OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUT PUT OF 210 VOLTS DC @ 125 MA. & 24 VOLTS AC @ 2 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5Y3GT TUBE, CHASSIS, LINE CORD ETC. #PS-R77/ARC-3 SIZE: 5 1/2"x6 1/2"x9 1/2; WT: 14 LBS. (LAYOUT SAME AS 923 PRICE \$22.95

POWER SUPPLY No.7630019. OPERATES FROM 115 VOLT 60 CYCLE DUAL HIGH VOLTAGE OUTPUT 400 DC 200 MA & 400 DC 200 MA. ALSO 6.3 VAC 2.75 A. & 6.3 VAC 5.5 A WITH 2/5R4GY TUBES. SIZE: 10x7x15; WT: PRICE: \$19.95



CABLE WITH 18 CONTACT PLUG TO FIT P.S \$2.00



POWER SUPPLY No.7630020VR VOLTAGE REGULATED, OPERATES FROM 115 VOLT 60 CYCLE, OUTPUT 200-250 DC. @ 150-250 MA. ALSO 6.3 VAC 2.75A & 6.3 VAC 5.5 TUBES 2/6AS7G, 1/VR-105, 1/6AK7 & 1/5R4G. WT: 30 LBS. SIZE: 11 1/2"x10 1/2"x6 \$18.95

CABLE WITH 18 CONTACT PLUG TO FIT POWER SUPPLY PLUG, 4 FOOT \$2.00

POWER SUPPLY 763003 (MODIFIED) OUTPUT 375 VDC @ 225 MA & 6.3 VAC @ 2.75 A, 6.3 VAC @ 5.5 A. INPUT 115 VOLT 60 CYCLE. WITH 2/5R4GY TUBES. SIZE: 9 x 13 x 7; WT: 35 LBS. PRICE: \$14.95



CONNECTOR 18 CONTACT \$2.00

PP-662/GPN POWER SUPPLY, VOLTAGE REGULATED, 300 VDC 10 TO 90 MA. PLUS POTENTIAL 210 VDC MINUS. WITH TUBES 4/5651, 2/6AH6, 1/12AT7, 2/6AS7, 1/5Y3 & 1/5R4. OUTPUT PIN JACKS WITH ADJUST METERING SWITCH, FUSED OUTPUT & INDICATOR LIGHTS. SIZE: 10x8x20; WT: 35 LBS. NO. COVER OR PLUG IN RELAY. POWER REQUIRED 115 VOLT 60 CYC PRICE: USED \$14.95



DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE CORD, PILOT LIGHT, LINE FUSE ETC. INDICATED RATINGS ARE FOR LOAD CONDITIONS.

DUAL OUTPUT 12/14 OR 24/28 VDC @ 6 AMPS. SIZE 7x6 1/2x13; WT: 17 STK#PS-12/24VDC6A KIT OF PARTS...\$20.00 WIRED COMPLETE.... 24.95

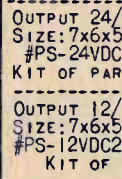


OUTPUT 12/14 VOLTS DC @ 6 AMPS. SIZE: 5 1/2"x9 1/2"x5; WT: 20 LBS. STK#PS-12VDC6A KIT OF PARTS...\$14.00 WIRED COMPLETE.... 18.95



OUTPUT 24/28 VOLTS DC @ 4 AMPS SIZE: 5 1/2"x9 1/2"x5; WT: 12 LBS. STK#PS-24VDC4A COMPLETE WIRED..\$17.95 KIT OF PARTS.... 13.00

OUTPUT 12/14 VOLTS DC @ 4 AMPS SIZE: 5 1/2"x9 1/2"x5; WT: STK#PS-12VDC4A COMPLETE WIRED..\$14.95 KIT OF PARTS.... 10.00



OUTPUT 24/28 VOLTS DC @ 1 1/2 A. SIZE: 7x6x5; WT: 6 LBS. #PS-24VDC1.5A WIRED..\$10.95 KIT OF PARTS \$8.00

OUTPUT 12/14 VOLTS DC @ 2 AMF SIZE: 7x6x5 WT: 7 LBS. #PS-12VDC2A WIRED...\$9.95 KIT OF PARTS..... 7.00



MOBILE SUPPLY



AVA-126 VIBRATOR POWER SUPPLY; OUTPUT 300 VDC 100 MA. OPERATES FROM 6, 12 OR 24 VOLTS D.C. WHEN THE PROPER VIBRATOR IS USED, OCTAL BAS. SUPPLIED WITH 6 VOLT VIBRATOR (USED WITH AVT-112 AIRCRAFT TRANS) ILLUSTR. COVER REMOVED. UNUSED SIZE: 7 1/2"x7 1/2"x7 1/2; WT: 12 LBS. \$4.95



USED \$12.00

RA-42 POWER SUPPLY RACK MOUNTING 19", 115/230 V 60 CYC OPERATION. OUTPUT 200-250 VDC 100 MA HOUSED IN CABINET 7x8x6 WT. 30 LBS.



RA-87 RECTIFIER; FOR USE WITH TELETYPE EQUIPMENT. CONVERTS 95 TO 125 VOLT OR 190 TO 250 VOLTS 50-60 CYC TO 115 VDC 400 MA AND 115 VAC 4.35 A. WHEN USED WITH RE-NEW \$12.95

190 TO 250 VAC INPUT. SIZE: 14 1/2"x7 1/2"x8; 45 LBS.. USED \$8.95

RA-74D POWER SUPPLY FOR RECEIVERS BC-779, 794, 1004, R-270 & R-129U. INPUT 95/105/117/130/190/210/234/260 VAC 25-60 CYC. OUTPUT 380 VDC @ 50 MA, 250 VDC @ 100 MA 100 VDC 4.5 MA -50 VDC 11 MA & 6.3 VAC 7 AMP. WITH TUBES 1/5Y3GT & 1/5U4G.



RACK PANEL MTG. SIZE: 19x10 1/2x10; WT: 100 LBS PRICE: RE-NEW\$24.95

LAMBDA POWER SUPPLIES

LAMBDA C-481M REGULATED POWER SUPPLY; 125-325 VDC @ 400 MA. 25% REGULATION, 6.3 VAC @ 15 AMPS. WITH 0-350



VOLTMETER AND 0-400 MILLIAMMETER. SIZE: 19x5 1/2x14 1/2 WT: 65 LBS. USED, NOT CHECKED \$34.95



LAMBDA VOLTAGE REGULATED POWER SUPPLIES 105-125V. 60 CYC, RACK MOUNTINGS. 28M 200-325 VDC @ 100MA 6.3 VAC 3A. WITH METERS (PICTURED) \$18.95

PERKINS 100XA, INPUT: 230 VAC 12 AMPS, 60 HZ 3-PHASE; OUTPUT: 24-32 VDC 100 AMPS. \$99.50

LENKURT MODEL 5047A POWER SUPPLY, INPUT: 115 VAC 60 HZ. OUTPUT: 24 VCT. 10 AMPS AC AND 160V. 150 MA DC. CONSTRUCTED ON AN ALL-ALUMINUM CHASSIS WITH VENTILATED ALUMINUM COVER WITH FLIP-LOCKS. (NOT SHOWN) SIZE: 19 1/2"x7 1/2"x10 1/2 WT: 45 LBS. \$24.95



SCM-603601 VOLTAGE REGULATED 24 VOLT D.C 3 AMP. POWER SUPPLY FOR RACK PANEL MOUNTING. LINE REG. 1%, LOAD 5%. THREE CAPACITORS 37,500 MFD 35 VDC, SILICON RECT. NEW \$19.95

PP-142 POWER SUPPLY 115 V 60 CYC VOLTAGE REGULATED 300 VDC 250 MA. ALSO 6.3 @ 3.75, 6.6 @ 9 A. WITH TUBES 3/6Y6G, 2/5U4G, 1/6AC7 & VR-150 ADJUSTMENT FOR B FUSE-B LINES, INDICATOR AND EXT. JACKS FOR OUTPUT ON FRONT PANEL. SIZE: 9 1/2"x16x12 1/2; WT: 85 LBS. USED \$22.50

PP-629/URR POWER SUPPLY INPUT: 115/230 VAC 60 CYC OUTPUT: 24 VDC PULSATING (NO FILTERS) 17 AMPERES. ON-OFF SWITCH WITH INDICATOR LIGHT. BHPG. WT: 120 LBS. PRICE: RE-NEW \$29.95

PP-308/URR POWER SUPPLY; OUTPUT VOLTAGES OF 90 VDC, 1.4 VDC, AND --4.2 VDC. A PORTABLE UNIT WHICH CAN OPERATE FROM 115V. 60 CYCLE LINE OR FROM 6, 12 OR 24 VOLT VEHICULAR BATTERY; WITH FUSE HOLDERS, POWER-SELECTOR SWITCH, POWER ON-OFF SW, SPEAKER ON-OFF SW, AND SPEAKER FOR A RECEIVER*. TAKES 4 COND. FEMALE CONNECTOR (NOT AVAILABLE). WITH TUBES 2/6AG7 AND OB2. SIZE: 5 1/2"x8x12 WT: 30 LBS. WITH GOV'T SPEAKER \$14.95 NO SPEAKER \$9.95 " COMMERCIAL " \$12.95 CONDITION USED SERVE



PP-691/G POWER SUPPLY USED WITH THE TCC-13 MULTIPLIER SYSTEM, OUTPUT 250 VDC @ 1.5 A AND 115 VAC @ 5 A. TRANSFORMER HAS 34 VCT WINDING THAT IS NOT USED, METER 2 1/2" 0-150 VOLTS AC, CIRCUIT BREAKERS AND FUSED CIRCUIT RACK PANEL MTG. 19x12x19; WT: 125 LBS. PRICE: USED SERVICEABLE EXCELLENT \$19.50

AUTO-RACE PACK BY VARNEY TWO 14 VDC 600 MA. SECONDARIES MAKE THIS IDEAL FOR A SMALL BENCH POWER SUPPLY WITH THE ADDITION OF A REGULATOR AND FILTER. INCLUDES TRANSFORMER COVER, SWITCH, 5 1/2 FT. LINE CORD. 5x3 1/2x2 1/2 WT: 3 LBS. \$2.95

AC TO DC POWER SUPPLY; 115 VOLT 50-60 CYCLE INPUT, OUTPUT 115 TO 230 VDC IN VARIOUS STEPS AS CAN BE ADJUSTED BY THE TAP SWITCH ON THE PRIMARY AND SECONDARY IN SIX STEPS, APPROX. 400 TO 500 MA. D.C. #KS-5825-LO1 SIZE: 19x3x10; WT: 45 LBS. PRICE: USED \$9.95

PP-484/FGC-5 VOLTAGE REGULATED POWER SUPPLY OPERATES FROM 115/230 VOLT 50/60 CYCLE 1 PH. OUTPUT 115 VDC 100MA, 225VDC 550 MA.; 4/6.3 VAC 12 AMP. -6.3V BIA. WESTON 301 METERS 3 1/2" 0-10 VAC; 0-200 VDC & 0-500 VDC; W/ TUBES 2/3B28, 2/2050, 2/12AU7, 6Y6 & 5U4. ALSO 2 AC OUTLETS ON FRONT PANEL. 19x11 1/2x20; WT: 150 LBS. USED \$29.95

RELAY

RELAY 24 vdc SPDT
1 1/2 x 1 1/2
CWS 571981 \$.35

TELEPHONE TYPE

RELAY 4PST NORMALLY OFF 12
VDC GR204-BC-966A 1 1/2 x 1 1/2 x 3 1/2
3380-557180-7435 \$1.00

6PST 50 VDC 3 A. COIL 250
OHMS 50 VDC 38 MA. OPERAT.
4 1/2 x 1 1/2; 4C8400-26 \$1.00

1PDT & 3PST 50 VDC 2 A.
OPER. 46 VDC 38 MA 1200OHM
4x2 1/2 x 1 1/2; 4C7737-62 \$1.00

RELAY 200 VDC 135 MA, ONE
COIL 1100 OHM, OTHER 1200
OHM, CONTACTS 2PDT, 6PST-NO
IPST-NC#5945-259-4275 \$1.

RELAY 150 VDC 150 MA. 1000
OHM COIL, CONTACTS 6PDT &
4PST-NO POTTER & BRUMFIELD
82-92-1005 BS-2202 \$1.00

RELAY CONT ARRANGEMENT 2E/ E
1C. 115 VAC 60 CYC FAST ACT
BREAK 7; MAKE 4. 4x2 1/2 x 1 1/2
277593-4 \$1.50

SEALED RELAYS 24 VDC 3 A.
CONT. VARIOUS MFG. ROUND,
OBLONG OR SQUARE, WIRE OR
PLUG-IN. SORRY NO CHOICE.

IPST # C-400 USED .35
IPDT #5703-34 " .40
2PDT #5709-7H " .45
3PDT #56467 " .50
4PDT #54428 " .55
6PST #56469 " .60

POTTER & BRUMFIELD 12 PIN
PLUG-IN PLASTIC COVERED
24 VDC, CONT. 2PDT, IPST
N.O AND IPST N.C. 1 1/2 x 2 1/2 x 2 1/2
#82-70-5133/24 \$.75

12 VDC RELAY, DPST, NORM-
ALLY OPEN, 67 OHMS, 2x3x2
1 1/2; # SW-182 USED 50¢

RELAY 6V D 1 1/2 x 1 1/2
41F 500S-SIL \$.50

PLATE RELAY 10,000 OHMS.
CONTACTS 115 VAC @ 5 AMPS
1 1/2 x 1 1/2 x 1 1/2 #3P-3189 \$1.50

FIVE ASSORTED RELAYS \$1.00

SUCH AS SEALED, OPEN FRAME
TELEPHONE ETC. MAY BE 6, 12
24 OR 48 VOLTS. \$1.00

INTERVAL TIMER ASSEMBLY
RELAY TIME DELAY
5 MIN. RESET
DELAY 100 SEC.
MOTOR VOLTAGE
120V 400 CPS
CLUTCH VOLTAGE 28 VDC.
ALLIED CONTROL UNIT; 115V
400 CPS, CONT. 2A-29VDC
AND 24V 4PDT RELAY. 5LBS.
#SS 19180 \$2.95

WESTON SENSITROL
RELAYS
MODELS 723 AND
705; 3 1/2" ROUND.
USED \$4.95 EACH
SPECIFY:

RANGE MODEL
80% TO 120% VOLTS DC 723
90% TO 110% VDC 723
95% TO 105% VDC 723
110% TO 100% VOLTS AC 705
100% TO 90% VAC 705
.9 TO 1.1 MILLIAMPS 723

SILICON RECTIFIER

POWER TESTED AT
1 MA MAX. LEAKAGE

1 AMP (TOP HAT)

50-200 PIV \$.10
200-400 "	.15
400-600 "	.25
600-800 "	.35
800- "	.45
1000 "	.55

5 AMP (STUD)

200-400 PIV	.50
400-600 "	.60
700 "	1.00
800 "	1.20
1000 "	1.75

INI347 6 AMP. 500
PVI (GOLD) 1.50

35 AMP (STUD)

50 V	.75
100 V	1.00
200 V	1.60
300 V	2.00
400 V	2.25
500 V	2.50
600 V	3.00
900 V	4.00

STRATOPACK FOUR
SECTION RELAY
SECT.#1 4PDT
" 2 4PDT
" 3 4PDT
" 4 6PDT
24 VOLT D.C
3 1/2 x 4 1/2 x 7; 5 LB \$1.95

RHEOSTAT

OTHER VALUES
IN STOCK
WRITE FOR
YOUR NEEDS

STK#	WATTS	OHMS	PRICE:
24609	25	5	.50
29992	25	25	.50
750KK	25	75	.50
13990	25	100	.50
352 (DUAL)	25	100	.50
351KK	25	350	.50
501KK	25	500	.50
270-5	25	3500	.50
502KK	25	5000	.50
41132	50	7.5	.75
50-12 SCREW	50	ADJ 12	.75
2954	50	15	.75
15822	50	17	.75
5895 (DUAL)	50	20	1.50
850-30 "	50	30	1.50
666-1731	50	34	.75
3124	50	35	.75
32229	50	60	.75
3066 w/sw	50	100	1.00
2533	50	150	.75
251KK	50	250	.75
201FK150	100	15	1.00
R-100	100	250	1.00
6938	150	3	2.95
590KK	150	5	2.95
W1525	150	25	2.95
352	150	10	2.95
D-150	150	350	2.95
5638	150	750	2.95
3301	300	300	4.95
RP-351	300	500	4.95

RHEOSTAT CONTROL
UNIT FOR HEATED
CLOTHING; 100 WATT
5.75 OHM RHEOSTAT
MOUNTED IN CONTROL
BOX WITH INDICATOR
KNOB ALSO ON/OFF SWITCH &
DUAL LOCKING TYPE SOCKETS
FOR INPUT AND CONTROLLED
OUTPUT VOLTAGES.
SIZE: 5x4x2; WT: 3 LBS.
TYPE C-1C UNUSED \$2.95

CRYSTALS

100 KC CRYSTAL FOR
APN-9 LORAN SET.
CR-15/U HOLDER OR
EQUIVALENT, 3 PRONG
1/2 x 1.
PRICE: \$4.95

VARIOUS CRYSTALS IN STOCK
FOR TCS REC OR TRANS. SPEC
IFY FREQ. \$1.50 EACH.

1000 KC CRYSTAL FOR BC-221
\$6.95

465 KC CRYSTAL, RESONATOR
TYPE FILTER AS USED IN BC-
794, BC-1004 ETC. \$1.50

200 Kc CRYSTAL IN OCTAL
TYPE TUBE HOLDER \$3.50

CRYSTALS: FT-241-243 21-39
Mc. F/BC-604-684-620-659
NO CHOICE FREQ. 5 FOR \$1.00

JK-02 CRYSTAL OVEN
FOR CR-26 CRYSTALS,
OPERATES FROM 6.3-
24.2 V. AC/DC, OCTAL
BASE.

MOTOROLA #251B1001
FOR ONE CRYSTAL AS
USED IN R-394-257
RECEIVERS. \$1.95

MOTOROLA #251B1003 FOR TWO
CRYSTALS AS USED IN T-278-
208 ETC. TRANSMITTERS \$2.50

CRYSTAL DIODES IN-21C IN-32C
\$1.00 EACH 6 FOR \$5.00

CRYSTAL HOLDERS WITH CRYSTAL
NO CHOICE OF FREQUENCY
CR-1A/FT-171/FT-249/FT-234/
NAVY 40130B/40068/CR-26
PRICE: 59¢ EA, 2 FOR \$1.00

CIRCUIT BREAKER

AIRCRAFT BAT HANDLE TYPE
LUMINOUS TIP 24 TO 30 VDC

3H913-5	5 AMP	\$.50
8751K4	10 "	.50
AN-3160	15 "	.75
AN-3160	20 "	.75
AN-3160	50 "	.75

AIRCRAFT PUSH BUTTON
TYPE 24 TO 30 VDC

AN-3161	5	.75
AN-3161	10	.75
AN-3161	15	.75
AN-3161	35	.75
AN-3161	50	.75

3H900-35-6 14.6 VDC
35 AMPS SIZE 3 1/2 x 2 1/2 x 1 1/2

850-0980 28 VDC 15 AMP
SIZE 3 1/2 x 2 1/2 x 1 \$1.00

HEINEMANN 1-132 24 VDC
2 AMP. 3 1/2 x 2 1/2 x 1 \$1.00

115 V. 60 CYC SIZE 2 1/2 x 2 1/2 x 2 1/2
CAT# AM12HK 1.5 AMP \$1.00
" AM12 2.0 " 1.00
" AM12RSK 20.0 " 1.00

115 V. 60 CYC SIZE 3 1/2 x 1 1/2 x 2 1/2
3H900-1.5.1 1 AMP \$1.00
3H900-1.25 1 1/2 " 1.00
3H900-3-2 3 " 1.00
AM2511M6-115 7.4" 1.00

SQUARE "D"
CIRCUIT
BREAKER
TYPE MO-4
"PLUG-IN"

OR CAN BE MODIFIED FOR DI-
RECT WIRING. FOUR (4) 20 A.
CIRCUITS 115 VOLT 60 CYCLE
SIZE: 4 1/2 x 2 1/2; WT: 8 OZ.
CAT# M048222 PRICE: \$1.95

MANUALS

\$3.00 EACH \$5.00 EACH

BC-191 BC-312-BC-342
BC-375 BC-603-BC-604
PP-867-868 BC-652-BC-653
869 BC-683-BC-684
PP-281-282 BC-659
494 BC-1000
PP-846 BC-1335

TCS-12 \$12
\$7.50 EACH

BC-669/110 I-49
BC-1306/237 I-72G-H-I-K
PP-351 I-129B
PP-638 I-208
PE-95 TS-352
R-48/T-30 BC-221AH ONLY
T-14/R-19 HALLICRAFTERS
TS-175 S-20R SX-28
BC-221/211 NATIONAL
BC-610 NC-100 HRO
BC-779 HALLICRAF S36

EE-94 & 95 CONTAINS TG-34
RD-60-V0-3-BD-114 ETC \$7.50

FGC-20 & 21 CONTAINS TT-98
TT-99-TT-100 & PP-978 \$10

MOTOROLA FST-250, FMR-13,
FMT-25A, P-8028, FMT-30 \$7.50

ARN-6 REVISED SOME PAGES
MISSING, WITH ALL SCHEMAT-
ICS, R-101 & ASSOC. EQ. \$5

ARC-12 ANTENNA
CHANGE-OVER RELAY RE-
MOVED FROM
T-278 XMITTER
5 VDC, 16 OHM COIL. MOTOROLA
MFG. WITH TWO UG-88
CONNECTORS. 3x2x1 WT: 1 LB.
PRICE: \$1.25 EA 5 FOR \$5.

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PRICE: \$1.25 EA 5 FOR \$5.

MANUALS

ABBREVIATIONS: H.M.I. HAND-
BOOK OF MAINTENANCE INSTRUC-
TIONS/O.I. OPERATING INSTRUC-
TIONS/N.S. NO SCHEMATICS/
I.B. INSTRUCTION BOOK/W.S.
WITH SCHEMATICS.

ARC-27/ARC-55 O.I./N.S. \$3.00
ARC-44 I.B./W.S. \$10.00
ARC-60 I.B./W.S. 8.50
ARN-12 I.B./W.S. 5.00
ARN-30 O.I./N.S. 3.00
ARN-59 O.I./N.S. 3.00

ART-13 REPRODUCTION WITH
SCHEMATICS & OPERATING
TRANS. & ASSOC. EQ. \$10.00
FRR-36 I.B./W.S. 8.50
W/R-394/PP-846

GRC-3-8 I.B./W.S. 8.50
GRC-9 I.B./W.S. 8.50
GRC-19 I.B./W.S. 8.50
GRC-26 I.B./W.S. 8.50
GRR-5 I.B./W.S. 7.50
PRC-6 I.B./W.S. 7.50
PRC-8-9-10 I.B./W.S. 7.50
VRC-19 I.B./W.S. 8.50

W/R-394/T-278/DY-93
98-100/PP-867-8-9

RT-67-68-69 I.B./W.S. \$5.00
RT-70 I.B./W.S. 5.00
R-108-109-110 " " 7.50

R-274 I.B./W.S. 10.00
R-390 I.B./W.S. 10.00
R-392 I.B./W.S. 10.00
R-394 I.B./W.S. 7.50
R-140 I.B./W.S. 7.50
R-257 I.B./W.S. 7.50
T-278 I.B./W.S. 7.50
T-368 I.B./W.S. 8.50
T-208-417 I.B./W.S. 8.50
DY-93-98-100 " " 3.00

ARC TYPE 12 RADIO SET
COVERS R-10-11-15-19
T-11-13 & ACCESSORIES
SIMILAR R-508-509-R-22
AND OTHERS. H.M.I./W.S.

CV-431/R-508 ARC-60 8.50
R-13B/B-10A ARN-30 8.50

ANTENNA
CHANGE-OVER
RELAY 6 V.D.C.
SWITCHES BCN TO
SUB-MINIATURE
COAX. SPOT. 2 1/2 x 1 1/2 x 1; 4 OZ.
#3380-51125-1125 \$2.95

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PRICE: \$1.25 EA 5 FOR \$5.

ART-13 TRANSMITTER

100 WATT AIRCRAFT AUTOTUNE TRANSMITTER
 MAKES A VERY SATISFACTORY AMATEUR UNIT FOR 80, 40, 20 AND 10 METERS. THE AUTOTUNE FEATURE PERMITS YOU TO PRESET THE FREQUENCY DESIRED ON ANY 10 PRESELECTED CHANNELS. (FOR CONVERSION INSTRUCTIONS SEE MANUALS #2 & #3 \$3.00 EA.)
 TUBE LINEUP 1/837, 1/813, 2/1625, 1/12S7, 2/6V6, 2/811, 2/12SL7, 1/12SA7. VOLTAGE REQUIRED 28VDC 10AMP, 400VDC, 225MA & 1250VDC 250MA.
 SIZE: 23x16x11 1/2 WT. 70LBS
 PRICE: USED WITH TUBES \$39.50
 CONNECTOR PLUGS FOR TRANS. U/7 & U/8 \$2.50 EA.
 DYNAMOTOR FOR ART-13 WITH FILTERS & RELAYS 28VDC INPUT. PRICE: USED \$12.95
 NEW

CONNECTOR PLUGS FOR DYNAMOTOR U-9 OR U-10 EACH \$2.50
 CU-24/ART-13 ANTENNA SHUNT CAPACITOR CONSISTS OF 3 CAPACITORS 25MMF 10KV
 PRICE USED \$1.00

O-17/ART-13 LOW FREQUENCY OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 TUBE. ALL OPERATING VOLTAGES ARE OBTAINED FROM THE TRANS. POWER SUPPLY. SIZE 5 1/2x5 1/2x9; WT 4LBS.
 PRICE: USED \$7.50 UNUSED \$9.95

SA-22/ART-13 ANTENNA SWITCHING UNIT CONTAINS A BENDIX VACUUM RELAY LM-26G, 24VDC, 2 POSITION CERAMIC SWITCH & 4 LARGE INSULATORS SAME AS USED ON TRANSMITTER, ALSO SO-239 COAX. CONNECTOR.
 SIZE: 11x7x7 WT 10LBS
 PRICE: NEW \$4.95

CU-25/ART-13 TRANSMITTER ANTENNA TUNER FOR 200 TO 600 KC, CONSISTS OF A VARICOUPLER, 13 POSITION SWITCH WIRED TO A FIXED TAPPED COIL, ALSO .0008 5000 VOLT MICA CAPACITOR, INSULATED COUPLINGS ETC.
 SIZE: 10x9 1/2x9 1/2; WT: 13 LBS. UNUSED \$4.95

ART-13 AUDIO SPEECH AMPLIFIER CONTAINS TWO 6V6GT & ONE 12SJ7 TUBES, CAN BE USED FOR CARBON OR DYNAMIC MIC.
 SIZE: 7x4x3 1/2, WT: 4LBS. USED \$5.95
 STK #2C254 PRICE \$5.95

ART-13 CRYSTAL CALIBRATOR AND MCW OSCILLATOR UNIT; PROVIDES STABLE 50 KC FUNDAMENTAL FREQ. UTILIZING A 200 KC. CRYSTAL THAT IS USED TO CHECK THE CARRIER FREQ. OF THE TRANS. OSC. A 1000 CYC. TONE IS ALSO PROVIDED FOR MCW OPERATION. WITH 2/12SL7, 1/12SA7 TUBES AND 200 KC. CRYSTAL.
 SIZE: 6x5x3; WT: 4 LBS. RE-MOVED \$9.95

ART-13 KEYING RELAY & VACUUM SWITCH; THREE S.P.S.T., CONTACTS NORMALLY OPEN; ONE S.P.S.T., CONTACTS NORMALLY CLOSED; TWO S.P.D.T. AND ONE S.P.D.T. VACUUM SWITCH COIL VOLTAGE 28 VDC RESISTANCE 2 COILS 27 OHMS IN SERIES; CONTACTS RATED 28 VOLTS 8 ANPS. CONT. NON-INDUCTIVE LOAD WITH VACUUM SWITCH.
 SIZE: 3x4x5; 2 LBS. #K-102/S-116 STK #2Z7595-7 RE-MOVED \$9.95
 S-116 VACUUM SWITCH ONLY \$2.00

OSCILLATOR UNIT

CDA-T CRYSTAL OSCILLATOR UNIT FOR ART-13B TRANSMITTER; USED TO CONVERT TO CRYSTAL CONTROL FOUR CHANNELS ON LOW FREQ. 300-500 KC. CRYSTAL SOCKET SIZE 5/32 DIA. 13/16x1/2 RECTANGULAR SELECTED FROM THIS UNIT. 10 CHANNEL CRYSTAL CONTROL FROM 1670 TO 18000 KC SELECTED FROM TRANS. CRY. SOC. SIZE 3/64" DIA PINS SPACED 1/8" C-C. W/TUBES 1625 & 6AQ5 ALSO 10/24VDC RELAYS, PLUGS INTO FRONT, DOES NOT EFFECT OPERATION OF VFO HIGH BAND. WT: 6 LBS. SIZE 5 1/2x5 1/2x9. USED \$9.95 CONNECTORS \$1 EA 2 REQ.

COLLINS 618S-1 TRANSCIEVER 2 TO 25 MHZ, AM AND CW. 100 WATTS ON TRANSMITTER, CRYSTAL CONTROL 144 CHAN. USING CR-18/U CRYSTAL HOLDER. SAME CRYSTAL USED FOR RECEIVER AND TRANSMITTER. CROSSBAND OPERATION POSSIBLE BY CHANGING FREQUENCY SELECTOR PLUG-IN MODULES ARE USED IN BOTH THE REC. AND TRANS. WITH TUBES 3/5654, 2/5781, 4/5686, 8/5749, 3/5726, 4/5750, 2/5814, 5/6159 AND 0A2. ALSO 8/1N98 AND ONE 1N458 GERMANIUM CRYSTALS. THE POWER WAS NORMALLY SUPPLIED FROM 28 VDC DYNAMOTOR AND 115 VOLT 400 HZ. HOWEVER, 60 HZ OPERATION IS POSSIBLE WITH 600 VDC, 250VDC, -50 VDC, -65 VDC AND 6.3 VAC 115 V. 400 HZ FOR THE SELSYN THAT IS MOUNTED TO THE P.A. INDUCTOR COIL.
 SIZE: 15 1/2x8x23 1/2 WT: 60 LBS. PRICE: USED \$65.

TRANSCIEVER R.F. TUNER FOR COLLINS 618S-1. THIS SUBASSY. CONTAINS 1ST & 2ND R.F. AMP. 1ST & 2ND REC. MIXER, 1ST & 2ND TRANS. MIXER, I.F. AMP. DISCRIMINATOR, MULTIPLIER AND 2 DRIVER CIRCUITS. WITH TUBES 2/5654, 3/5749, 4/5750 & 2/5686. TUNING IS DONE BY THE SLUGS MOVING IN AND OUT OF THE COILS, FREQ. RANGE 2-25 MC
 SIZE: 8x7x6 1/2; WT: 10 LBS. #5821-547-5718/618S-1
 PRICE: USED \$14.95

MODULATOR FOR COLLINS 618S-1 AUDIO DRIVE AND MODULATOR USES 2/6159, 1/5751, 1/5814 & 1/5726 TUBES. MODULATION TRANSFORMER INPUT 5500 OHM 300 V RMS, OUTPUT 4&5 2000 OHM 3000 V RMS 6&7 200 OHM 750 V RMS. MODULATION TRANSFORMER IS NOT PART OF THIS SUB-ASSEMBLY.
 SIZE: 4x3x6; WT: 4 LBS.
 #5821-505-3599/618S-1 PRICE: USED \$7.95

POWER AMPLIFIER 618S-1 COLLINS TRANSMITTER WITH VARIABLE INDUCTOR COIL 12.8 FT. #14 WIRE 27 TURNS, APPROX. 100 WATTS FOR 2 TO 25 MC, COIL IS RECTATED BY 115 V. 400 CYC SELSYN CONT. MOTOR, USES 3/6159 TUBES ALSO LARGE CERAMIC ROTARY SW. COILS, CHOKES ETC.
 SIZE: 11x5x6; WT: 10 LBS #5821-547-3496/618S-1
 PRICE: LESS TUBES \$14.95 WITH TUBES \$18.50
 SCHEMATICS FOR 618S SUB-ASSEMBLIES EACH \$1.00
 MATING CONNECTORS " " EACH \$1.50

BENDIX TYPE TA-188B AIRCRAFT TRANSMITTER; 118.0 TO 135.95 MHZ FREQ. RANGE WITH 180 CHANNELS IN 100 KHZ STEPS WHICH WITH MINOR MODIFICATION AND TEN ADDITIONAL CRYSTALS (NOT AVAILABLE) CAN BE INCREASED TO 360 CHANNELS IN 50 KHZ STEPS. DESIGNED FOR .005 PERCENT FREQUENCY STABILITY. DELIVERS 35 WATTS RF OUTPUT INTO 52 OHMS. AMPLITUDE MODULATION IS LINEAR FROM 10 TO 90 PERCENT MODULATION. METER AND SWITCH ON FRONT ALLOWS CHECKING OF LF OSCILLATOR GRID, HF OSCIL. GRID, DOUBLER GRID, DOUBLEE CATHODE, TRIPLER GRID, TRIPLER CATHODE, PA GRID, PA CATHODE AND MODULATOR CATHODE. WITH TUBES VRI150, 5/5654, 4/2E26 AND 2/829B. 27.5 VDC DYNAMOTOR INCLUDED.
 SIZE: 10 1/2x7 1/2x24 1/2 WT: 49 LBS. USED \$59.50

T-366A/ARC TRANSMITTER 116 TO 132 MC, 5 CHANNELS CRYSTAL CONTROL WITH 5/5763 TUBES FOR 24- TO 28 VOLTS D.C. OPERATION. USES ARC #14958 CRYSTALS. APPROX. 5 WATTS OUTPUT, USED IN AIRCRAFT. SIZE: 4 1/2x4 1/2x6; WT: 6 LBS. PRICE: RE-COND. \$16.95

RT-18/ARC-1 TRANSMITTER & RECEIVER AM, 100 TO 156 MC 30 WATT CW AND PHONE, CRYSTAL CONTROL. VOLTAGE REQUIRE 360 VDC @ 135 MA AND 24 VDC WITH TUBES 18/6AK5, 2/6C4, 2/6V6, 2/6J6, 2/12A6, 1/6SL7 AND 2/832. SIZE: 10 1/2x8x20; WT: 45 LBS.
 PRICE: USED 10 CHANNEL \$49.50/20 CHANNEL \$60
 DY-9 DYNAMOTOR 26VDC \$10/DY-10 13/26 USED \$15

APR-4 RECEIVER

R-444/APR-4Y RECEIVER AND CV-253/ALR TUNING UNIT FOUR BAND TO COVER THE FREQUENCY OF 38 TO 1000 MC. USED IN AIRCRAFT AS SEARCH EQUIP. TO DETECT ELECTROMAGNETIC RADIATION, THE FREQ. OF SIGNALS, RELATIVE FIELD STRENGTH AND AUDIO OUTPUT. SELECTOR PERMITS CHOICE OF AM NARROW/WID OR FM. ALSO IF ATTN. SELECTOR, HET. SW., RANGE SELECTOR, SWEEP CONTROL & TUNING KNOB. METER 2 1/2" FOR TUNING. ORIGINALLY DESIGNED FOR 115 V 400 CYCLE POWER SOURCE UNITS ARE AVAILABLE FOR 115 VOLT 60 CYCLE. ALSO REQUIRED IS 24 VDC FOR PILOT LIGHTS AND SCANNING MOTOR WHEN TUNING UNITS WITH MOTORS ARE USED. REC. USED SIZE: 8x10 1/2x12 1/2; WT: REC. ONLY 33 LBS. TU. 20L
 PRICE: REC. ONLY \$95.00 WITH CV-253 TU \$250.00
 CV-253 CONVERTER 38-1000 MC NEW 175.00
 ANY OF THE TUNING UNITS LISTED BELOW CAN BE USED WITH THE R-444/APR-4Y OR R-54/APR-4 WE WILL SHIP WHICHEVER RECEIVER IS AVAILABLE.
 R-54/APR-4 RECEIVER SAME AS ABOVE ONLY DIFF. POWER REQ. 115 VOLT 60 TO 2600 CYCLE & 24 VDC SAME PRICE AND TUNING UNITS CAN BE USED.

CONVERTER TUNING UNITS FOR USE WITH 30 MC. I.F. NO POWER SUPPLIES REQUIRE 300 VDC, 6.3 VAC OR 24 VDC WHICHEVER THE CASE MAY BE. SIZE: 9x7x15; 25 LBS. AV

TN-16/APR-4 TUNING UNIT	38- 95 MC	\$25.00
TN-17 " " " "	" " " "	NOT AVAILABLE
TN-18 " " " "	300-1000 "	45.00
TN-19 " " " "	975-2200 "	39.95
TN-54 " " " "	2150-4000 "	75.00
CV-253 " " " "	38-1000 "	\$175.00
TN-1/APR-1 " " " "	38- 95 "	25.00
TN-3/APR-1 " " " "	300-1000 "	35.00

POWER PLUG TO FIT SETS \$1.50 SHOCKMOUNT 2.50

RT-380/AR RECEIVER-TRANSMITTER 2 TO 18.5 MC C.W. PHONE, 100 WATT TRANS. AM CRYSTAL CONTROL ON 10 PRESELECTED FREQ. RECEIVER 50 MW MIN. INTO 600 OHM LOAD. WITH TUBES 1/813, 2/811, 1/1625, 1/6AG7, 1/6V6, 1/12BE6, 2/12AU7, 1/12AL5, 2/28D7 & 4/6BA6. POWER REQUIRED 400 VDC @ 750 MA. 750 VDC @ 350 MA. AND 27 VDC FOR RELAY AC FOR FILAMENTS. (SAME VOLTAGES AS ART-13) (SIMILAR TO COLLINS 1884)
 SIZE: 15 1/2x7 1/2x23 1/2; WT: 70 LBS. LESS CRYSTALS
 PRICE: USED LESS DYNAMOTOR \$49.50

CV-431/AR CONVERTER THIS TRANSVERTER IS A COMBINED TRANSMITTER AND RECEIVER CONVERTER. THE TRANSMITTER PORTION FUNCTIONS AS A INDEPENDENT TRANSMITTER ON A FREQUENCY RANGE OF 228 TO 258 MC; IT DOES NOT REQUIRE THE USE OF ANY VHF COMPONENT FOR TRANSMISSION. THE CONVERTER SECTION CONVERTS RECEIVED SIGNALS IN THE RANGE OF 228-258 MC TO 118-148 MC AFTER MIXING WITH A 110 MC CRYSTAL OSCILLATOR AND REQUIRES THE USE OF A VHF RECEIVER FOR RECEPTION. HIGH VOLTAGE FOR THE TRANSVERTER IS SUPPLIED BY THE DYNAMOTOR WHICH IS MOUNTED ON THE RECEIVER AND HAS A OUTPUT OF 250 VDC 60 MA. THE TRANSMITTER IS 8 CHANNEL CRYSTAL CONTROLLED, VOICE AM CIRCUIT DESIGNED FOR AIRCRAFT TO GROUND COMMUNICATION AND USES 4/5763, 1/6201 AND 1/5763 TUBES. POWER OUTPUT 0.5 WATT AT AN ALTITUDE OF 5000 FT. WITH A RANGE OF APPROX. 60 AIR MILES.
 SIZE: 5 1/2x11 1/2x4 1/2; WT: 9 LBS.
 PRICE: USED SERVICEABLE WITH TUBES \$7.95

AMPLIFIER-MULTIPLIERS USED AS PLUG-IN UNITS FOR THE T-302 TRANSMITTER, COMPANION TO THE R-417. UNITS COVER FREQUENCIES FM FROM 50 TO 600 MHZ, 120 WATTS. 12x6x14 40 LBS. USED-COMPLETE

AM-1180/GRC 50-100 MHZ, 4X150A TUBE	\$49.50
AM-915/TRC 225-400 MHZ, 2/4X150A	49.95
AM-1178/GRC 400-600 MHZ, 2/4X150A	54.50



ML-117 INDICATOR, WIND DIRECTION AND SPEED. UNLIMITED WIND SPEED RANGE INDICATED BY ONE LIGHT, 0-360 DEG. WIND DIRECTION RANGE INDICATED BY 8 LIGHTS, FLASHING LIGHTS OR BUZZER INDICATORS, INTERRUPTER CURRENT ACTUATED, 110 V 60CY OR 6.8 VDC. (THIS IS ONLY THE INDICATOR, REQUIRES OTHER PARTS FOR OPERATION) FREIZ ITEM #18-1475. SIZE: 9 1/2 x 4; WT: 24 LBS. PRICE: RE-NEW \$12.95

AM-447 AUDIO AMPLIFIER



AM-447 AUDIO FREQUENCY AMPLIFIER, VOLUME LIMITING TYPE, INSURES UNIFORM OUTPUT UNDER CONDITIONS WHERE THE RECEIVED SIGNAL LEVEL MAY VARY IN AMPLITUDE, ELIMINATING THE NEED FOR CONSTANTLY READJUSTING THE OUTPUT LEVEL. IT IS INTENDED TO BE USED RECEIVING EQUIPMENT, LINE AMPLIFIER OR

AMPLIFY THE OUTPUT OF A MICROPHONE FOR MODULATING TRANSMITTING EQUIPMENT. INPUT IMPEDANCE 600 OHMS, OUTPUT IMPEDANCE 200 AND 600 OHMS, AUDIO INPUT: -10 DBM TO -10 DBM, FREQ. RESPONSE FLAT WITHIN 2 DB FROM 300 TO 3500 CPS. GAIN: 34.8 DBM MAX. AUDIO OUTPUT 3 WATT HAS INPUT, OUTPUT AND PHONE JACKS ALSO VOLUME CONTROLS. WITH TUBES

POWER REQUIRED 115 VOLT 50/60 CYCLE. SIZE: 7x12x14; (NO COVER WITH UNIT) WT: 23 LBS. PRICE: USED SERVICEABLE \$8.95 TWO FOR \$15.00



NAVY INTERPHONE AMPLIFIER USED WITH TCS EQUIPMENT, 12A6 TUBES IN PUSH-PULL 75-200 OHMS CARBON MICROPHONE INPUT, 600 OHM OUTPL VOLTAGE REQUIRED 12 VDC & 250 VDC @ 60 MA. HAS MOUNTING FOR 35x032, 12 VOLT

DYNAMOTOR. SIZE: 7 1/2 x 10 x 7; WT: 15 LBS. PRICE: WITH TUBES \$3.95/W/TUBES & DYN. \$7.95



AMPLIFIER

AM-142/AIC AMPLIFIER USED IN LARGE AIRCRAFT AS A AUDIO LINE BOOSTER AND MIXER FOR THE INTER COMMUNICATION SYSTEM. INPUT IMPEDANCE 500 OHM OUTPUT 600 OHM. OPERATES FROM 24 VOLTS D.C. USES ONE 26A7 TUBE. WITH TUBE & SCHEMATIC. SIZE: 5x5x2; WT: 3 LBS. PRICE: USED \$2.95

SERVO AMPLIFIERS



SERVO AMPLIFIERS FROM MD-2 ELECTRONIC CONTROL STABILIZATION BOMBING NAVIGATIONAL COMPUTER. PART NO. DESIG. PART NO. DESIG

658657	I H	656662	P H
672168	MAH	673097	MDH
658659	K H		

SIZE: 3 1/2 x 3 x 3; WT: 3 LBS. U \$1.95
658658 J H 658661 M H
658660 L H EACH UNIT
SIZE: 5x3x3 1/2; WT: 4 LBS. U \$1.95
SEALED UNITS. CONNECTOR PLUGS EACH USED \$1

AMPLIFIER

AM-26/AIC AMPLIFIER; USED IN AIRCRAFT FOR AUDIO INTERCOMMUNICATION. CARBON MICROPHONE INPUT, 600 OHM AND 2000 OHM OUTPUT IMPEDANCE WITH 2/12J5 & 2/12A6 TUBES. VOLTAGE REQUIRED 24 VDC FOR FILAMENTS AND 250 VDC @ 60 MA. MOUNTING FOR DM-32 DYNAMOTOR 24 VDC. (PAGE 9) SIZE: 9 1/2 x 5 1/2 x 5 1/2; WT: 8 LBS. PRICE: USED \$4.95



TS-328A/U FREQUENCY METER, JBT MANUFACTURE. 400 CYCLE POCKET TYPE. NINE REEDS, 380-420 CYCLES IN UNITS OF 5 CYCLES. SIZE: 3x6x4; WT: 2 LBS. PRICE: USED \$7.95

COMPUTER SYSTEM



AMPLIFIER, ELECTRONIC CONTROL TYPE D-1; CHOPPER SAMPLING TYPE WITH TOROIDAL TRANSFORMERS WITH FEED-BACK LOOPS, 6 VOLT 400 CYCLE CHOPPER, 1/5814 & 1/5751 TUBES, SELENIUM RECTIFIER SUPPLY, RESISTORS, CONDENSERS ETC. W/SCHEMATIC VOLTAGE REQ. 255VDC, -35VDC, 6.3VAC, 115/400CY SIZE: 4x6x9; WT: 12 LB. PRICE: USED \$4.95

COMPUTER-POWER SUPPLY LA-15 CONTAINS 115 V 400 CYCLE P.S OUTPUT -35VDC & 210 VDC, 3 DECK 25 POS. WAFER SW. 3 POLE 25 POS. WAFER SW. 1 " 12 POS. WAFER SW. 33



PRECISION RESISTORS WIRED TO THE SWITCHES ALSO COND. RECTIFIERS, CONTROL ETC. W/SCHEMATIC SIZE: 6x4x4; WT: 3 LBS. USED \$3.95



AMPLIFIER, ELECTRONIC CONTROL TYPE E-1; TORROID COIL TRANSFORMERS, K2701 CHOPPER ERROR SAMPLING & FEED-BACK COMMAND SIGNAL. 1/5751 & 1/5678 TUBE, TRANS. ETC. VOLTAGE REQ. 255 VDC, -22V, 6.3 VAC & 115V400C SIZE: 4x6x1 1/2; WT: 2LB. W/SCHEMATIC U \$1.95

MOUNTING BASE FOR AMPLIFIER ASSY. LA-18; USED WITH CAMERA CONTROL SYSTEM LA-17, HOLDS COMPUTER P.S LA-15, CONTROL AMP. E-1 & D-1 DESCRIBED ABOVE CONTAINS 4 RELAYS 4POT, SWITCHES FILTER, RESISTORS ETC. ALSO MATTING PLUGS FOR ABOVE UNITS. SIZE: 13 1/2 x 5 x 2; WT: 8 LBS.



\$3.50 BASE ONLY, WITH SCHEMATIC CONNECTOR PLUGS TO FIT BASE ONLY, EACH \$2.50 CONNECTOR PLUGS TO FIT UNITS " " 1.00

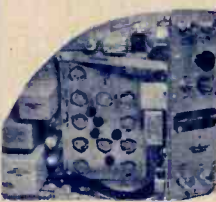


T-233/URW-3 TRANSMITTER & MODULATOR 65.9 TO 93.8 MC AM WITH 4/815 & 10/12SN7 TUBES. CRYSTAL CONTROL ONE CHANNEL. USED IN AIRCRAFT FOR REMOTE CONTROL OF DRONE RECEIVERS. OUTPUT APPROX 50 WATTS.

VOLTAGE REQ. 400 VDC @ 400 MA. AND 24 VDC. SIZE: 8 1/2 x 11 1/2 x 16 1/2; WT: 32 LBS. USED \$19.95



SA-235/APA-57 CONTROL UNIT HAS A SMALL GYRO CONNECTED TO CONTACT ARM THAT MOVES ACROSS A RESISTANCE CONTACTS WHICH WILL GIVE FOUR VOLTAGE READINGS IN RIGHT OR LEFT POSITIONS. ALSO HAS 24 VDC SEALED RELAY 2PDTCLARE SK5235, AMP. THERMAL RELAY 26C8, 7 POS. & 3 POS. WAFER SWITCHES. SIZE: 10x5x5 1/2; WT: 4 LBS. UNUSED \$4.95



R.F. OSCILLATOR, PART OF 3KA-1 EQUIPMENT. CONTAIN SEVERAL TYPES OF BAND PASS FILTERS, VARIABLE CAPACITOR, TUBE SOCKETS, PIN JACKS, RESISTORS 1% PILOT LIGHTS, SWITCH, POTS 2/UG-88 COAX. CONNECTORS ETC. OSC. FREQ APPROX. 24 KC. SIZE: 12x12x4 1/2; 13 LBS. RE-MOVED \$1.95

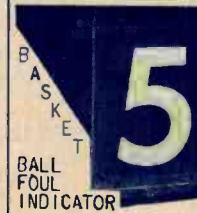


RT-35/AM RADIOSONDE TRANSMITTER-RECEIVER 675 TO 725 MC, USED FOR WEATHER AND RADAR OBSERVATION WITH 4/IL4 & 1/2C35 TUBES. VOLTAGE REQ. 90 VDC & 1 1/2 VDC SIZE 3 1/2 x 4 1/2 x 10; WT: 5 LBS. PRICE: NEW \$3.95

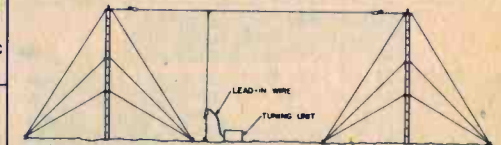


1-196 SIGNAL GENERATOR 160 TO 220 MC, USED TO CHECK IFF SETS WITH ONE 957 TUBE, VARIABLE FREQUENCY AND TONE, PILOT IND. ON/OFF SWITCH, DRY BATTERIES 1 1/2 & 135 VDC. RFQ. HOUSED IN WOOD CASE WITH CANVAS COVER. SIZE: 8 1/2 x 8 1/2 x 14; 10 LBS. PRICE: USED \$3.95

DIGITAL DISPLAY



DIGITAL DISPLAY: EACH UNIT WILL SHOW NUMBERS 0 TO 9 ALSO \$ SIGN 3-3/16" HIGH ON 3 1/2 x 4 SCREEN THAT CAN BE SEEN FOR QUITE A DISTANCE. OPERATES FROM 6.3 VAC. CAN BE ADAPTED FOR BASKETBALL FOUL INDICATOR BY PLACING ONE OVER EACH SCOREBOARD AND HAVE A CONTROL PANEL CONSISTING OF 5 SWITCHES AND TRANSFORMER AT THE SCORER'S TABLE. (WIRING DIAGRAM FURNISHED ON REQUEST) CAN ALSO BE ADAPTED FOR USE AS A VOLUME READING BOARD. SIZE: 3 1/2 x 5 1/2 x 1 1/2; WT: 7 LBS. PRICE: USED \$5.95 EACH 2 FOR \$10.00



AN/GRA-4 PORTABLE HALF WAVE ANTENNA: DESIGNED FOR TRANSMITTING UP TO 100 WATTS AND RECEIVING IN THE 1.5 TO 18 MHZ RANGE. VERTICAL OR VARIOUS TYPES OF HORIZONTAL ANTENNAS CAN BE ASSEMBLED. (ORDER THE INDIVIDUAL PARTS YOU NEED TO MAKE THE TYPE ANTENNA YOU WANT)

- AB-85 MAST SECTION, ALUM. 3" 1-5/8" DIA. WITH ONE END SMALLER SO IT SLIPS OVER PRECEDING SECTION. WT: 2 1/2 LB \$1.50**
- MX-1116 FRAME USED TO CARRY 16 AB-85 SECTIONS W/CARRYING STRAPS EA. END & STORAGE SPACE INSIDE. WT: W/16 AB-85, 40 LBS. MX-1116 FRAME & 16 AB-85 SECT. \$25.00**
- RL-122 REEL ASSY. W/150 FT. BARE WIRE STRANDED 42/32 AND MATING TERMINATIONS SO OTHER REELS CAN BE ATTACHED. 3LB. \$4.95**
- MX-384 INSULATOR; FITS AT THE JUNCTION OF ANY 2 MAST SECTIONS, FOR VERTICAL. 3LB \$2.95**
- AB-154 MAST BASE W/SWIVEL STAKE, SEC. OR INSULATOR FITS INTO FOR VERTICAL. 1LB \$1.95**
- MX-857 & 118 WHIPS CAN BE ADDED. 1 LB. \$1.95**
- IL-4 INSULATOR, HAS TERMINALS (2) FOR CONN. ANT. WIRE AND FEMALE COAXIAL FITTING FOR CONN. CG-357/U CABLE. 1 LB. \$2.95**
- CG-357/U COAXIAL CABLE RG-59A/U 72 OHMS WITH W/JACK & PLUG EA END, TYPE "N" 2LB \$2.50**
- MX-GUY ROPES ARE MADE OF 3/16 NYLON AND COME WITH WITH LENGTH ADJUSTMENT FASTENER, SNAP HOOK AND INSULATOR, 800 LB. TEST.**
- MX-382 GUY 31FT WITH ATTACHMENTS. 12oz \$1.00**
- MX-381 " 40" " " 14" \$1.25**
- MX-383 " 50" " " 16" \$1.50**
- MX-378 GUY PLATE FOR FASTENING GUYS 2oz \$.35**
- MX-516 HALYARD 3/16" NYLON ROPE 800 LB TEST 140 FT. WITH INSULATOR, FASTENER THAT ATTACHES TO GUY PLATE W/SNAP HOOK. \$4.50**
- CP-12 COUNTERPOISE; FOUR 25 FT RADIALS OF WIRE 16/#30 WEATHER PROOF, WITH ATTACHMENTS THAT ARE FASTENED TO GROUND STAKES, USED W/VERTICAL. 2LB. \$3.95**
- GRA-4 GUY STAKE; ALUMINUM 18" WITH FASTENER FOR GUY, 1 1/2" x 1 1/2" ANGLE. 1 LB. \$.50**
- HM-1 HAMMER SLEDGE 36 OZ HEAD, 13 1/2" HANDLE DOUBLE FACE HEAD. 3 LB. \$4.95**
- GRA-4 TAPE; MEASURING STAINLESS STEEL 100 FT 3/8" W. 1/10 & 1/100 FT. GRAD. \$4.95**
- W-128/146 WIRE LEAD-IN, WEATHERPROOF FT \$.05**
- TN-174 TUNER WITH 12 TO 244 MMF VARIABLE CAP. USED IN ANTENNA CIR. TO BRING SET INTO RESONANCE, W/ ATTACHMENTS. 2 LB \$4.95**
- BG-102 BAG; CANVAS WITH SHOULDER STRAP AND CLOSURES. SIZE 14x9x14; 3LB \$1.50**



CARRIER MONITOR: WHEN COUPLED TO AN ANTENNA TRANSMISSION LINE IT PROVIDES DIRECT CURRENT TO A REMOTE POSITION WHICH CAN BE USED AS AN INDICATION OF PROPER TRANSMISSION. THE OUTPUT AMPLITUDE IS PROPORTIONAL TO THE CURRENT FLOW IN THE TRANSMISSION LINE. INPUT IMPEDANCE 600 OHM, OUTPUT IMP. 600 OHM. OUTPUT LEVEL - 3DBM FOR 100% MOD. INTO 600 OHM LINE. WITH TUBES 6X4, 6J6, 6AL5, V103. VOLTAGE REQ. 115/230V 60 CYC. OUTPUT JACKS AND CONTROLS ON FRONT PANEL. ALSO 2 VACUUM CAPACITORS 3MFD 15 KV AND LEAD FOR CONNECTING TO 500 TO 50K WATT TRANSMITTER IN THE 2 TO MC. RANGE. UNIT ALSO HAS COVER. SIZE: 6x6x8 1/2; 15 LBS. #1028017 UNUSED \$4.95

AF/URG-60 RECEIVER
100 TO 156 MC AM
CRYSTAL CONTROL ONE
CHANNEL, AVC, SQUELCH
AND NOISE LIMITER
CIRCUITS, 115 VOLT 25-60 CYCLE WITH TUBES
4/6AK5, 4/6SG7, 2/6H6, 2/6SJ7, 1/6F6 & 1/5Y3GT.
OUTPUT PHONE AND LINE JACKS, RF AND VOLUME CON-
TROLS, PILOT LIGHT, SWITCHES ETC.
RACK PANEL MFG. 19x5x15 1/2; WT: 50 LBS.
PRICES; USED \$39.50 CHECKED FOR OPERATION \$45

MOTOROLA
T-193 TRANSMITTER 30-40
MC, F.M. 30 WATT, CRYSTAL
CONTROL SINGLE CHANNEL,
6 VOLT DC DYNAMOTOR WITH
TUBES 4/7C7, 2/7A8, 1/6V6
& 1/807.
SIZE: 15x9x9; WT: 30 LBS.
PRICES: NEW \$14.95 USED \$9.95 NO TUBES \$5LESS

MOTOROLA TRANSMITTER 152-172 MC FM USED \$14.95

20 MC - 28 MC
BC-499 RECEIVER F.M 20-28
MC, 5 CHANNEL CRYSTAL CON-
TROL, FC 15 KC, WITH 11
TUBES 3/12SH7, 1/12SJ7, 2/
12H6, 2/12A6, 1/12SL7GT &
2/12K8. WITH 14 VDC DYNA-
MOTOR OUTPUT 260 VDC 60
MA., AUDIO OUTPUT 500OHM
& SQUELCH CIRCUIT.
SIZE: 12x9x9 1/2; WT: 23 LBS.
PRICE: RE-NEW \$18.95
CONNECTOR PLUG TO FIT UNIT ... \$1.50

PHILCO
PHILCO TRANSMITTERS PRT150GT 154-172 MC. FM.
30 WATT, 6 VOLT DYNAMOTOR P.S.
CRYSTAL CONTROL SINGLE CHANNEL
TUBES, 2/3A4, 1/9003, 1/6B16, 2/
2E24, 1/6C4 & 1/2E30. USED COND
SIZE: 15x10x8; WT: 35 LBS.
PRICE: W/TUBES, L/CRYS. \$14.95

PHILCO RECEIVER PRT72G 70-80 MC.F.M 6 VOLT
VIBRATOR POWER SUPPLY, CRYSTAL CONTROL
SQUELCH CIRCUIT, WITH TUBES 3/6806, 3/6AK5,
2/6AQ6, 1/6C4, 1/7F7 & 1/7A8. USED LESS CRYST.
SIZE: 15x10x8; WT: 30 LBS. \$14.95

NAVY WALKIE TALKIE MARINE BAND
NAVY WALKIE-TALKIE TRANSMITTER &
RECEIVER. THIS EQUIPMENT IS CRYSTAL
CONTROLLED AND CAN BE OPERATED ON
ANY ONE CHANNEL IN THE FREQUENCY
RANGE OF 2.3 TO 4.5 MC. VOICE (A3)
COMMUNICATION ONLY, OUTPUT OF TRANS
IS 0.2 WATTS AND SATISFACTORY COMMUN-
ICATION BETWEEN UNITS OVER AVERAGE
TERRAIN SHOULD BE ABLE TO BE MAINTAIN-
ED UP TO APPROX. (1) ONE MILE.
WITH TUBES 1/1R5, 1/1S5, 2/1T4, 3/3S4. VOLTAGES
REQUIRED 67.5 VDC 3 MA; 135 VDC 4 MA; 1.5VDC
225 MA FOR REC. 67.5 VDC 1.5 MA; 135 VDC 19
MA; 1.5VDC 225 MA & -6VDC 30 MA FOR TRANSMIT.
UNIT COMES IN A WATERPROOF PLASTIC CASE WITH
SPACE FOR BATT. OR POWER SUPPLY. TELESCOPING
ANTENNA 8 FT. HAS SPEC. LOADING COIL.
COMPLETE WITH TUBES, ANTENNA, 2 CRYSTALS
FT-243 (NO CHOICE) HEADSET W/CANVAS BAND
CARBON MICROPHONE, CANVAS COVER,
& MANUAL. SIZE 8x8x2 1/2; WT: 8 LBS. **\$9.95**

NAVY WALKIE-TALKIE DIRECTION FINDING EQUIPMENT MODEL DAV MARINE BAND
SAME AS "MAB" DESCRIBED ABOVE
ONLY HAS A DIRECTION FINDING
LOOP CIRCUIT FOR HOMING AND IS
IN A WATERPROOF PLYWOOD CASE
WITH WEB STRAPS FOR CARRING ON
BACK OR FRONT. ALSO COMPLETE
WITH TUBES, HEADSET WITH CANVAS
BAND, LIP MICROPHONE, TELESCOPING,
ANTENNA & 2 CRYSTALS (NO CHOICE)
WITH MANUAL. SIZE: 14x10x3 1/2; 11LB
PRICE: UNUSED \$12.95

VIBRATOR POWER SUPPLY MAB & DAV
DESIGNED FOR USE WITH MAB & DAV
DESCRIBED ABOVE, OPERATES FROM 6 V
DC STORAGE BATTERY NT-6, THAT FITS
ON BOTTOM OF P.S. PACK, 6 V 4AMP.
(CAN BE OPERATED FROM ANY 6 VDC 4 A.
SOURCE) SUPPLIES 1.5 VDC .3 A, -6 VDC
.02 A, 67.5 VDC .005 A. 135 VDC .02A.
ALSO USED WITH NAVY EQUIP. MU, MV,
MW. & MX. SIZE: 6x3x3 1/2; WT: 2 LBS. NEW \$6.95

N-T-6 PLASTIC STORAGE BATTERY
FOR ABOVE POWER SUPPLY CRF-20221A
SUPPLIES 6 VOLTS DC 4 AMP.
SIZE: 3x2x2 1/2; WT: 2 LBS. DRY
CHARGE BATTERY. \$3.95

TRANSMITTER RECEIVER
BT-53/TRC-7 TRANSMITTER-RECEIVER
100 TO 156 MC AM VOICE, 1.5 WATT
CRYSTAL CONTROL ON TWO PRESELECT
ED CHANNELS, 1" METER FOR CHECK
ING OPERATION, MIC, PHONE AND
MONITOR JACKS ALSO VOL CONTROL
ON FRONT PANEL. WITH 16 TUBES
3/1AB5, 3/1L4, 1/1S5, 1/1LA3, 5/3A5,
1/3Q4, 2/3A4. VOLTAGES REQUIRED
90 VDC. 4 1/2 VDC AND 60 VDC.
SIZE: 11 1/2x5 1/2x13 1/2; WT: 15 LBS. USED \$24.95

LINK RECEIVER 30-50 MC FM
TYPE 11-UF-ED-6. CRYSTAL
CONTROL SINGLE CHANNEL,
DUAL CONVERSION, SQUELCH
CIRCUIT WITH TUBES 5/7AG7
2/7A6, 1/7C7, 1/7F7, 1/7B5 &
1/7F7. VOLTAGES REQUIRED
FOR FILAMENTS 6 VOLTS,
HIGH VOLTAGE 250 VDC 60MA.
SIZE: 12x13x9; WT: 22 LBS. PRICE: USED \$27.50
POWER & CONTROL PLUG \$1.00 ANTENNA PLUG \$1.00

115V 60 CYC & 6 VDC
LINK TYPE 5-FRX TRANSMITTER
RECEIVER; F.M. 30-40 MC
115 VOLT 50-60 CYCLE OR
6 VOLT DC. SINGLE CHAN-
NEL CRYSTAL CONTROL. SET
IS HOUSED IN METAL BOX
WITH SPEAKER, HANDSET, PILOT
LIGHT CONNECTOR AND SWITCH
FOR 6 OR 115 V. OPERATION.
TRANSMITTER OUTPUT IS 3 WATT USING TUBES 1/
7F7, 1/7W7, 2/7C5, CRYSTAL FREQ. IS MULTIPLIED
32 TIMES FOR OPERATING FREQ.
RECEIVER SENSITIVITY 1/2 MICROVOLT OR BETTER.
WITH TUBES 2/6AC7, 2/6K8, 1/6V6, 1/6SH7, 1/6SJ7,
2/6H6, 1/6SL7 & 1/6K6. FREQ. DEVIATION - 15KC
CASE SIZE 21x9x15; WT: SHPG. 80 LBS.
RECEIVER CAN BE OPERATED WITHOUT TRANSMITTER
PRICE: USED AS DESCRIBED \$29.50

LINK RECEIVER 1905 152-172
MC F.M. DOUBLE CONVERSION,
SINGLE CHANNEL CRYSTAL CON-
TROL, SQUELCH CIRCUIT, WITH
TUBES 2/7A6, 1/7F7, 7/7AG7,
1/7B5, 2/6AK5. LESS CRYSTALS
SIZE: 8x10x12 1/2; WT: 30 LBS.
PRICE: WITH 6 VOLT POWER SUPPLY \$34.95
" " " " " " " " \$39.50

LINK TRANSMITTER 1906 152-172 MC FM LESS TUBES
DYNAMOTOR, RELAYS CRYSTALS, USED 6.95

R-114/VRC-4 RECEIVER AM CRYSTAL
CONTROL ON FOUR CHANNELS IN THE
1.7 TO 8.7 MC BAND, ONE TUNEABLE
BAND OF 190 TO 510 KC. IF FREQ.
525 KC. FOR PHONE AND CW USE.
WITH TUBES 4/6SK7, 1/6K8, 2/6SQ7 & 1/6K6. VOLTAGE
REQUIRED 6 V. FOR FIL. AND 220 VDC 80 MA.
SIZE: 15 1/2x11x14 1/2; WT: 80 LBS. RE-NEW \$29.95

CONTROL RECEIVER
R-127-RAO10 CONTROL CONVER-
TING RECEIVER 162-174 MC
F.M. 2 CHANNEL OUTPUT, BATT-
ERY OPERATION, REQUIRED VOL-
TAGES 67.5, 45, 90, 1.5, 7.5 & 10.5
WITH TUBES 2/959, 2/1T4, 2/3S4,
4, 1/1S5 & 1/958. I.F. 8.25 MC
CHASSIS AS PHOTO. W/SCHEMATIC!
SIZE: 12x8; WT: 12 LBS. RE-NEW \$9.95
CONNECTOR PLUG TO FIT UNIT..... 1.50

RECEIVER
R-74/CRW-2 RECEIVER A.M
SUPERREGENERATIVE TYPE FOR
REMOTE CONTROL USE IN THE
53-88 MC BAND. WHEN THE RF
TRANSMITTING CARRIER IS MOD-
ULATED BY 475 OR 3000 CYCLE
TONE, IT ACTUATES THE RELAY
IN THE RECEIVER WHICH CAN
BE USED TO CONTROL EQUIP.
SINGLE PRESELECTED FREQ. MUST BE USED.
WITH TUBES 1/6SG7, 1/6J5, 3/6SL7 & 1/6SN7. AND
DYNAMOTOR 24 VDC INPUT, OUTPUT 250 VDC 60 MA.
SIZE: 6x8x10; WT: 15 LBS. PRICE: USED \$6.95

NAVY TCS TRANSMITTER
AM, 1.5 TO 12 MC IN 3
BANDS, 40 WATTS CW, 20
WATTS PHONE, VARIABLE
MASTER OSCILLATOR AND
4 CRYSTAL CONTROL PRE
SET CHANNELS OVER THE
ENTIRE FREQ. RANGE.
WITH 3/12A6 TUBES IN
THE OSC. AND BUFFER-
DDBLER, 4/1625'S MOD-
ULATOR AND POWER AMPLI-
FIER STAGES, ILLUMIN-
ATED DIAL WITH VERNI-
ER AND SPIN TUNING, 2 1/2
INCH METERS FOR READ-
ING VOLTAGES & R.F.
ALL TUNING AND OPERA-
TING CONTROLS ARE ON
THE FRONT PANEL. VOLT
AGES REQUIRED 12 VDC
& 400-440 VDC 200 MA.
SIZE: 11 1/2x11 1/2x13 1/2; 41LB
USED \$34.50
USED CHECKED
FOR OPERATION \$44.50

NAVY TCS RECEIVER
AM, 1.5 TO 12 MC IN 3
BANDS, CRYSTAL CONTROL
ON FOUR PRESET CHANNEL
OR VARIABLE FREQUENCY
OVER THE ENTIRE RANGE.
AUDIO OUTPUT 1.5 WATTS
INTO A 500 OHM LOAD.
WITH TUBES 12SK7 RF AM-
PLIFIER, 12SA7 CONVERT-
ER, 2/12SK7 IF AMPLIFIER
12SG7 DETECTOR/BFO,
12A6 OSC. & 12A6 AUDIO
AMP. IF FREQ. 456.
ILLUMINATED DIAL WITH
VERNIER & SPIN TUNING.
AUDIO GAIN, AVC & BFO
CONTROLS. VOLTAGES REQ-
UIRED 12 VDC & APPROX.
220 VDC @ 100 MA.
CW PITCH AND OSCILLAT-
OR SELECTOR CONTROLS.
SIZE 11 1/2x11 1/2x13 1/2; 37LB.
USED \$44.95
USED CHECKED FOR
OPERATION \$49.95

TCS POWER SUPPLIES
115 V 60 CYCLE (NOT SURPLUS)
COMBINATION UNIT FOR RECEIV-
ER, TRANSMITTER & CONTROL Bx
7x8x13; 50 LBS. WIRED \$50.00
TRANSMITTER ONLY; 5x6x9 1/2; 15 LB. " 35.00
RECEIVER ONLY WITH SPEAKER
10x10x6; 15 LB. " 20.00

TCS REMOTE CONTROL UNIT TYPE
23270 FOR REC. TRANS. AND
AMPLIFIER WITH HEAVY DUTY 5"
PM SPEAKER, MIC & PHONE JACKS,
VOL. CONTROL & SWITCHES.
3 1/2x5 1/2x7 1/2; 7 LBS. RE-NEW \$9.95

RUBBER SHOCK MOUNTS ONLY EACH \$1.50
MOUNTING BASE ONLY \$1.50 WITH 4 MOUNTS \$2.95
NOISE LIMITER CONVERSION KIT W/6H6TUBE 2.00

TCS CABLES RECEIVER TO POWER SUPPLY \$2.75
" " TRANSMITTER TO " " 2.75
PLUGS FOR CONTROL BOX & " " (2) 3.00

TCS ANTENNA LOADING COIL #47205; USED TO MAT-
CH THE OUTPUT OF THE REC/TRANS. TO A WHIP
ANTENNA TO OBTAIN THE MAXIMUM PERFORMANCE.
OR BY USE OF THE 6 POSITION TAP SWITCH IT
CAN BE USED TO MATCH VARIOUS LENGTHS OF
STRAIGHT WIRE ANTENNA SYSTEMS.
SIZE: 6x9x6 1/2; WT: 7 LBS. PRICE: USED \$6.95

TCS DUAL DYNAMOTOR POWER SUPPLY
INPUT 12 VDC 14.5 AMP.
OUTPUT 440 VDC 200 MA.
FOR TRANS. 225 VDC 100
MA. FOR REC., FILTERED
INPUT & OUTPUT WITH
START RELAY & CONNECTORS FOR CONNECTING REC.
TRANS. & CONTROL BOX. RE-NEW
SIZE: 12 1/2x7 1/2; WT: 35 LBS. PRICE: \$14.95

D-401 DYNAMOTOR ONLY FOR TRANS. INPUT 12 VDC
9.9 AMP, OUTPUT 440 VDC 200 MA. RE-NEW \$6.95

D-402 DYNAMOTOR ONLY FOR REC. INPUT 12 VDC
3.8 AMP. OUTPUT 220 VDC 100 MA. RE-NEW \$4.95

STEPPING SWITCHES

WESTERN UNION AUTOMATIC NUMBERS CONSISTS OF 3 ROWS OF LIGHTS NUMBERED 0-9, 3 STEPPING SWITCHES 6 DECK 11 POSITION, ONE 10 DECK 24 POSITION STEPPING SWITCH, ONE RELAY 4PDT & 4PST, OPERATES 40-48 VDC, MOUNTED ON CHASSIS 4x7x13; WT: 12 LBS. #9701.1A
PRICE: USED \$19.95

STOCK#	POS.	DECK	VDC	PRICE:
7709181P2	25	10	24	\$9.95
7709181P6	25	9	24	8.95
7709181P1	26	9	24	9.50
H77256	26	5	24	5.95
A326427	12	10	24	5.95
PW104121	26	4	18	5.95
A315174	21	2	12	3.95
A215701	27	6	24	5.95
B215238	27	10	24	9.95
917722	24	8	30	5.95

R-196C/ARW-26Y REMOTE CONTROL RECEIVER, MAY BE TUNED TO ANY FREQUENCY BETWEEN 60 AND 74 MHZ. APPEARS FREQ. CAN BE CHANGED SO THAT THE UNIT MAY BE ADAPTED FOR REMOTE RADIO SIGNAL ACTUATION AS POSSIBLY GARAGE DOOR OPENER, SECURITY SYSTEM ACTUATOR, ETC. ACCEPTS A SIGNAL MODULATED AT 300, 650, 955, 1390 AND 3000 HZ. AUDIO TONE OPERATES A SEPARATE RELAY FOR EACH FREQUENCY. THE 955 HZ RELAY ACTIVATED WHEN THE OTHER RELAYS ARE NOT. THE UNIT PERFORMS MOST EFFECTIVELY FROM VISUAL DIRECTION. RECEIVER CONTAINS AN RF AMP, DETECTOR STAGE AND FIVE AUDIO FILTERS. WITH SIX 12AU7 TUBES. 7x8x5; WT: 8 LBS. UNUSED \$9.95



BC-1333 MARKER BEACON RECEIVER 75MC. USED TO RECEIVE SIGNALS FROM ABOVE TRANSMITTER. WHEN SIGNAL IS RECEIVED IT OPERATES A RELAY IN THE RECEIVER WHICH IN TURN CAN BE USED TO OPERATE SIGNALS, LIGHTS, MOTORS, TURN ON EQUIPMENT ETC. VOLTAGE REQUIRED 24VDC. COMPLETE WITH TUBES 1/12SN7, 1/6SH7, 1/6SL7
SIZE: 3x5x5; WT. 3LBS. PRICE: USED \$2.95

AIR SPEED INDICATOR

ID-168B/APA-44 AIRSPEED INDICATOR. CONTAINS A KOLLSMAN TR E AIRSPEED METER AND AN INDICATING DEVICE WITH A RANGE OF 84 TO 434 KNOTS. BY OPERATION OF THE TEST SWITCH THE AIRSPEED SERVO MAY BE MADE TO RUN IN DIRECTION OF INCREASING AIRSPEED, IN DIRECTION OF TRUE AIRSPEED, OR TO HOLD THE PRESENT SETTING FLEXIBLE TUBE CONNECTED TO A TEMPERATURE COMPENSATING THERMOMETER. JOHN OSTER MOTOR # AV 240 28 VDC. TUBES 1/6AK5W. WESTERN ELECTRIC RELAY D171584. SIZE 15x7x5. WT. 19 LBS.
USED \$5.95 RE-NEW \$8.95



RT-122/APW-11 REC.-TRANS.

RT-122/APW-11 RECEIVER TRANSMITTER, THIS UNIT CONSISTS OF A TUNABLE RECEIVER CAVITY, A CRYSTAL DETECTOR, A VIDEO AMPLIFIER, DECODING CIRCUITS, A TRANSMITTER AND CIRCUITS FOR OBTAINING AUDIO FREQUENCY TONES FROM THE PULSE POSITION MODULATED SIGNALS OF THE AN/MSC-1. THE TRANSMITTER CONTAINS CIRCUITS FOR ENCODING THE REPLY BY VARYING THE SPACING BETWEEN THE TWO REPLY PULSES. THE RECEIVER TRANSMITTER RECEIVES INPUT PULSES TRANSMITTED AT A PULSE REPETITION FREQUENCY OF 410 CYCLES PER SECOND AND A PRESET CARRIER FREQUENCY RANGING BETWEEN 2680 AND 2920 MC. THE REPLY PULSES ARE AUTOMATICALLY TRANSMITTED AT A PRESET CARRIER FREQUENCY RANGING BETWEEN 2700 AND 2950 MC. TUBES: 1/12AT7; 2/20D21; 6AS6; 6AL5 2040. SIZE: 13x5x6. WT. 19 LBS.
PRICE: USED WITH TUBES... \$14.95
USED LESS TUBES... 5.95



C-400/APW-11 SELECTOR UNIT FOR RT-122 REC-TRANS. CONTAINS 6 RELAYS 24 VDC SPST NORM OPEN 15 9 PIN SOCKETS, 1 OCTAL, 6 FILTERS, 1 OPDT SW. RESISTORS CONDENSERS ETC. 5x6x12; 8 LBS
PRICE: USED LESS TUBES \$2.95



SERVO AMPLIFIER

SERVO AMPLIFIER #358661 IN SEALED BLACK BOX CONTAINING SIX (6) TUBES 2/6AL5, 2/6AQ5, 1/6096, 6101, RELAY DPDT, OUTPUT TRANS. COND. RESISTORS ETC.
SIZE: 5x3x4; WT: 4 LBS. USED \$1.95



AMPLIFIER

WEBSTER ELECTRIC AMPLIFIER SERVO TYPE: OPERATES FROM 115 VOLT 60 CYCLE, WITH TUBE 3/6SN7, 1/6H6, 1/6SN7 & 1/5T4, POWER SUPPLY OUTPUT 250 VDC 80 MA (UNFILTERED) 5 VAC @ 3 A 6.3 VAC @ 3 A., 6.3 VAC @ 4 AMP. ALSO INTER-STAGE TRANSFORMERS, RESISTORS, CONDENSERS CONTROLS ETC. CHASSIS SIZE 14x6x1; WT: 19 LB
PRICE: USED \$4.95



EQUIPMENT CABINETS

FGC-5 DELUXE CABINET (PICTURED WITH COMPONENTS) FOR 19" PANEL MOUNTING; 8 DRAWERS 7" HIGH WITH FULL GLIDE SUSPENSION AND TIP OVER FEATURE FOR EASY SERVICING; BOTTOM DRAWER 11-1/8" HIGH, STANDARD MOUNTING. GLIDES CAN BE REMOVED FOR STANDARD MOUNTING. FULL DOOR IN BACK WITH DUAL BLOWER. SIZE: 73x27x24; SHPG. WT: 300 LBS. \$45.00

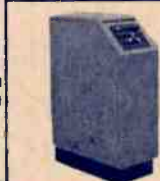


EQUIPMENT CABINET WITH REAR DOOR AND HINGED TOP COVER; SIZE: 22x37x15; WT: 80 LBS. WEST.#2237 PRICE: USED \$20.00

FGC-29 EQUIPMENT CABINET WITH REAR DOOR AND 115 VOLT 60 CYCLE BLOWER; SQUARE CORNERS SO THEY CAN BE GANGED. SIZE: 22x75x24 WT: 175 LBS. USED \$40.00



CY-1334/G ACCESSORY CASE THE OUTER FRAME IS FOR RACK MOUNTING AND THE DRAWER SLIDES INTO THE FRAME AND HAS FULL GLIDE SUSPENSION ALSO BRACKET WITH 7 & 9 PIN TUBE PULLERS AND PIN STRAIGHTENER
CASE SIZE 19x12x20, DRAWER SIZE 15x10x19 WT: 18 LBS. (ALUMINUM) EX-COND. \$8.95



CABINET, FROM MULTI-POINT STATION, STEEL CONSTRUCTION WITH WIRED CONTROL PANEL. CONTROL PANEL INCLINES AT 45 ANGLE AND EXTENDS 7 1/2" DEEP FROM THE CABINET FACE. ONE SIDE IS REMOVABLE. PANEL INCLUDES VARIOUS INDICATOR LIGHTS, SWITCHES, FUSE HOLDERS, JACKS, ETC. INTERNAL COMPONENTS REMOVED EXCEPT FOR FOUR PLUG-IN RELAYS AND JUNCTION BOX. SIZE: 36"x24"x12" SHPG. WT: 100 LBS. #5815-638-2333 \$12.95

AN/USM-25A CASE; TWO COMPARTMENTS ONE 11x19x13, WITH 1" RUBBER GUIDES ON ALL FOUR SIDES; THE OTHER 4x19x13, WITH 1/2" RUBBER GUIDES. HASP FASTNERS; PLYWOOD; WT: 29 LBS. PRICE: \$5.00

FIBERGLASS J-22-51 CASE; UPPER HALF 20x8x19; LOWER 20x4x19. HASP FASTNERS; FIBERGLASS. WT: 26 LBS. PRICE: \$5.00

ROTARY INDUCTANCE TUNER COIL 2.5 TO 20 MC. 26 TURNS FLAT COPPER 1/16 (APPROX. #18) ABOUT 21 MIC-HY (LOOKS LIKE IT SHOULD TAKE 1000 WATTS) WITH SPIN KNOB AND COUNTER DIAL. SIZE: COIL 6x5x8; DIAL PLATE 6x3; WT: 9 LBS RUSSO#2407-1M PRICE: RE-MOVED F/EQUIP. \$14.95



ROTARY INDUCTANCE TUNER COIL 2.5 TO 20 MC. 29 TURNS WIRE NO. 14, COIL FORM 2-3/16x4-3/8 APPROX. 19 MU-HY, 100 WATTS, 1/2" SHAFT WITH COUPLING. SIZE: 3x4x7; WT: 4 LBS. RUSSO#2407-1C PRICE: RE-MOVED F/EQUIP. \$9.95



ROTARY INDUCTOR & DIAL 32.7 UH, 43 TURNS 1 1/2" DIA x 2 1/2" LG. COIL, OVERALL LENGTH 2 1/2x2 1/2x7, P/O TCS TRANSMITTER. (SHOULD BE GOOD UP TO 100 WATTS) WT: 2 LB. #TCS-L108 REMOVED \$9.95

VARIABLE CAPACITOR TO MATCH ABOVE ROTARY COIL; 425 MMFD, 3x1x1 1/2 WITH SHAFT. TCS-C116 REMOVED FROM UNITS \$2.95



ROTARY INDUCTOR COIL FROM COMMAND TYPE TRANSMITTER, COMPLETE UNIT LESS TUBES, CRYSTAL WITH DIAL, CAPACITORS, 2 VARIABLES ETC. SHPG. WT: 10 LBS BC-457-458 OR EQUIV ENT. USED \$4.95

BC-223 TRANSMITTER

\$19.95

BC-223 TRANSMITTER 25 WATT 2000 TO 5200KC BY USE OF 3 PLUG IN TUNING UNITS, CRYSTAL CONTROL AND VARIABLE OSCILLATOR, FOUR PRESELECTED CHANNELS, USES



FT-171 CRYSTAL HOLDERS WITH TUBES 1/801 OSCILLATOR, 1/801 POWER AMPLIFIER, 2/46 MODULATORS, 1/46 AUDIO AMPLIFIER, 2 1/2" METERS, 0-3 R.F. & 0-300 VDC MA. VOLTAGE REQUIRED 12 OR 24 VDC & 500 VDC @ 150-200 MA.
SIZE: 18x13x7; WT: WITH 3 TUNING UNITS 100 LBS
PRICE: W/TUBES AND 3 TUNING UNITS WITH CASES FOR 2 TUNING UNITS.. NEW \$19.95

TU-17 TUNING UNIT 2000-3000 KC. \$3.95
TU-18 " " 3000-4500 " 2.95
TU-25 " " 4500-5200 " 2.95
CS-56 CASE FOR HOUSING TUNING UNIT 1.00
FT-173 SHOCKMOUNTING 1.95
POWER PLUG CONNECTOR F/TRANS OR POWER 1.25
PE-135/PE-55 DYNAMOTOR 12/24 VOLT, USED 10.95
AC POWER SUPPLY
KIT OF PARTS \$25.00 WIRED \$29.95

COMCO MODEL 278 TRANSMITTER-RECEIVER 275 MC. RECEIVER-TRANSMITTER FOR 6/12/24 VOLT OPERATION. POWER OUTPUT 2-3 WATTS. UNIT IS CRYSTAL CONTROLLED (CRYSTALS NOT INCLUDED). COMPLETE WITH TUBES: 2E26, 5686, 5/68H6, 12AX7, 2/6AQ5, 6AT6, 3/68J6, 6BE6, 2/6AK5, 6AK6. UNIT COMPLETE WITH TUBES, CABLES, SPEAKER, AND CONTROL BOX. SIZE: 12x11x5 1/2. WT: 35 LBS.
USED \$39.95



DIVERSITY RECEIVER

DIVERSITY RECEIVING EQUIPMENT PROVIDES A MEANS FOR COMBINING THE OUTPUT OF THREE RECEIVERS TO PRODUCE A SINGLE KEYED AUDIO OUTPUT SIGNAL, FREE FROM NOISE AND OTHER UNDESIRABLE INTERFERENCE. IT IS SUITABLE FOR USE ONLY IN CW & MCW SIGNALS AND NOT VOICE. THE BAND PASS FILTER IS FOR 600 TO 1200 CYC. AND THE OUTPUT OF EACH RECEIVER IS INDICATED ON THE METERS WHICH ARE 500 MICROAMP. THE AUDIO FREQ. CONTROL CAN BE ADJUSTED FOR THE PROPER BAND PASS. INPUT AND OUTPUT IMPEDANCE IS 600 OHMS. EQUIPMENT OPERATES FROM 115/230 VOLT 50/60 CYC. AND CAN BE RACK MOUNTED. W/TUBES 1/VR-150, 1/6F8, 3/6A6, 2/6SJ7, 1/77, 1/1V, 1/80. SIZE: 21x19x14; WT: 125 LBS.
PRICE: NEW WITH MANUAL \$19.95



STANDARD ELECTRIC TIMER TYPE S-1 ONE (1) REV. PER SEC. MOTOR 115 VOLT 400 CYCLE, CLUTCH 24 VDC, RESET 24 VDC. SIZE 5 1/2x5 1/2x4 1/2; WT: 8 LBS. STOCK NUMBER 6645-803-2127
PRICE: UNUSED \$24.95



INSULATORS



STAND-OFF
STK#TM-101650; DIA. 1 1/2", 4" LONG, 1/2-20 THREAD, 3/8" MTG. 2 LB. PRICE: \$3.50
STK.#3G1300-8002; DIA. 1", 5" LONG, 1/2-20 THREAD, 3/8" DEEP. 1LB. \$2.50

STK.#3G1300-128; 1 1/2" DIA, 8" LONG, 1/2-20 THREAD, 3/8" DP. 2 1/2" IN. MTG. 1 1/2 LB. \$3.50

STK.#INS.1014; FEED-THRU 4" LONG 1/2" HOLE, 7/8" DIA. WITH NECK. PRICE: 25¢

STK.#3G2001-6; FEED-THRU 6" IN. 1/4" HOLE, 9/16" DIA. NO NECK. PRICE: 35¢

STK.#INS.#1015; FEED-THRU BRASS BOLT 6 1/2" LONG X 1/2" W/NUTS, SPLIT INSULATOR FOR 1/2" THICK MOUNTING WITH CORK WASHERS, OVERALL LGTH 3 1/2 X 2, WT: 2LB. \$2.50

STK.#3G584 IN-84 FEED-THRU CONICAL SHAPE, 5" LG. O/A; 2 CONICAL SHAPED 1-1/8 LG. X 1/2 DIA. AT BOTTOM, 1" AT TOP, 1/4" DIA. ROD WITH 1/4 20 THREAD WITH NUTS/WASHERS 1/2 LB. 25¢ EA. 5 FOR \$1.00

SIMILAR TO ABOVE CONICAL BOTTOM INS. 3/4 X 3/4 X 1 1/2; TOP 1/2 X 1/2 X 1 1/2; 3/16 BOLT 3" LG W/NUTS & WASHERS. 1/4 LB. 35¢ EA. 3 FOR \$1.00
STK#IN-1017



3G138-20.11 RIGGED CONICAL 2" BASE, 3/4" TOP, 1 1/2" LONG, PUSH SPRING TYPE BINDING POST ON TOP, WHICH CAN BE REMOVED AND BOLT INSERTED. 1/2 LB. 35¢ 3 FOR \$1.00

#IN-70 STRAIN INSULATOR; CYLINDRICAL WITH FOUR 1/2" RIBS. 7/16" HOLE. 2 1/2 X 1 1/2 DIA \$.35 EA. 3 FOR \$1.00

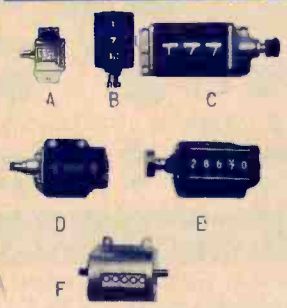
STK.#CBJ61023 ENTERING INSULATOR, CERAMIC 2 1/2 X 2, CADMIUM PLATED MOUNTING RING 3 1/2" WITH 6 MOUNTING HOLES, GASKET, 4" 1/4-20 THREAD BRASS BOLT WITH NUTS. 1/2 LB 39¢ EACH 3 FOR \$1.00

SPREADER INSULATORS
#IN-1020; 4" LG X 3/4 DIA 2 1/2" HOLE CENTERS. 25¢ EA. 5 \$1

ART-13 TRANSMITTER ANTENNA INSULATOR PANEL; 1 EA. 3 1/2 X 4 OBLONG WITH 2 ISOATED SPRING TYPE BINDING POST, ONE/ 1/2 X 1 CONICAL INS. WITH PUSH POST AND ONE 1/2 X 3/4 INS. W/ PUSH TYPE BINDING POST. 1LB COMPLETE ASSY. \$1.00



COUNTERS



- A. 3 DIGIT COUNTER. 1/8" SHAFT. EACH NUMERAL 1/8 IN. SIZE: 3/4 X 1 1/2. STK#CBSH334 \$.79
- B. 3 DIGIT COUNTER. FOR VERTICAL MOUNTING. 3/8 IN. GEAR ON SHAFT. EACH NUMERAL 1/8". 1 1/2 X 1 X 1-1/8 STK#CBSH173 \$.79
- C. 3 DIGIT COUNTER WITH BEVELED GEAR 2 1/2 X 1 1/2 X 1 1/2. NUMERALS 1 1/2 X 1 IN. STK#CBSH177 \$1.00
- D. 3 DIGIT COUNTER W/DIGITS 10THS, ONES, TENS. 100 THS DIGIT REMAINS 0. 1/8 IN. NUMERALS. 2 X 1 X 1 STK#CBSH9030 \$.75
- G. THREE DIGIT COUNTER WITH BEVEL GEAR OPEN FRAME BACK, LEFT DRIVE. SIZE 1 X 3/4 X 3/4, MTG. MASK 1 1/2 X 1. STK#G32163 \$.50
- F. 5 DIGIT COUNTER W/3/16 IN SHAFT EXTENDING IN EACH END. 99999-0 DESCENDING ONLY. 1/8" NUMERALS. 1 1/2 X 1 1/2 X 1 STK#CBSH00000 \$1.00

3 DIGIT COUNTER, VEEDER MFG. 3/8" DIA. GEAR SHAFT; 3/8" DIA. EXTERIOR SHAFT CAN BE GROUND TO UNDER MOUNTING. 2 1/2 X 1 1/2 X 4 1/2; BC-1323 COUNTER \$1.00

TELEPHONE JACK STRIPS
#4C4426-14 TWENTY JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J-2. KEL#261 \$2.80
#4C4322-25 TEN JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J-2-1A; \$1.95
#4C4426.11 TWENTY JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J-2, NUMBERED 0-19 \$2.50
#4C4436.92-2 TWENTY JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J2, NUMBERED 20-39. KELLOG #369 \$2.50
#4C4692.2 TEN JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J2 WECO#92 TYPE139 \$1.95



3G1830-67076 ENTERING INSULATOR, BOWL 4-3/8" HIGH, 6-15/16" AT BASE, 1 1/2" ROD 3/8 BRASS WITH NUTS, MOUNTING RING 3 SEC. 8-3/4" DIA. W/ 6- HALF INCH NUTS & BOLTS 2 1/2" LG., BELL CAP 6" DIA. 10 LBS. \$5 EA. 3 FOR \$12.00

MICRO SWITCHES



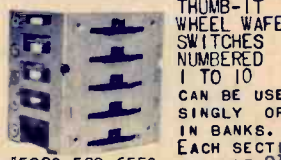
SPST, R-RL2, NORMALLY CLOSED ROLLER LEVER ASSEMBLY, 15 A 125/250v. 2 1/2 X 5/8 \$.75
SPDT; 3Z-3R244T4; ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER; 2 X 1 X 3/8 \$.30
SPST; WHBT349A-1, NORMALLY OPEN. LEVER PLUNGER. 2" X 1" X 5/8". \$.30
SPDT; BZ-2R; ONE SIDE NORMALLY, OTHER CLOSED; PUSH PLUNGER ASSY. W/MOUNT. 2 X 1 1/2 \$.50
SPST; WZ-RQ41; NORMALLY OPEN; PUSH PLUNGER W/ MOUNT. 2 X 1 X 3/8 \$.45
DPDT; MS25008, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. EXTENDED BUTTON PLUNGER. 2 1/2 X 2 X 1" \$1.50

SPDT; YZ-3RLTC2, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. STRAIGHT LEVER PLUNGER. 2" X 7/8" X 1 1/16". \$.25
SPDT; WHBT349B-1; ONE SIDE NORM. OPEN, OTHER CLOSED. LEVER PLUNGER 2 X 1 X 3/8 \$.30
SPST; MU SWITCH TYPE D; SPLIT DIE CAST ENCLOSURE 1/2" TAP CONDUIT HUB; 1 7/8. 5A 125/250v. PUSH PLUNGER; 2 1/2 X 2 X 1 \$.75

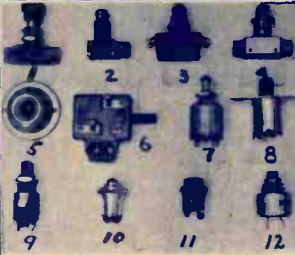
SPDT; 2MD3-1A, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER. 1 5/8" X 3/4" X 3/8". \$.45
SPST; 2MC3-1A, NORMALLY CLOSED. PIN PLUNGER. 1 5/8" X 3/4" X 3/8". \$.45
SPST; SW-186, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2" X 3/4" X 5/8". \$.25
SPST; G-RS, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2" X 3/4" X 5/8". \$.40
SPST; M07-102T, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2" X 3/4" X 5/8". \$.40
SPST; WZ-RS9, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2" X 3/4" X 5/8". \$.40

SW-118 SWITCH ASSY
SPST, ONE SIDE HOLDING ON; OTHER SIDE MOMENTARY ON CENTER OFF.
SWITCH SIZE: 1 1/2 X 1, CASE SIZE: 2 1/2 X 1 \$.35 EA 3 \$1.00

THUMB-IT WHEEL WAFER SWITCHES NUMBERED 1 TO 10 CAN BE USED SINGLY OR IN BANKS. EACH SECTION ON SIZE 2 1/2 X 2 1/2, PRICE EACH SECT. 65¢ BANK OF FIVE AS ILLUSTRATED NOT AVAILABLE
#5930-539-6550



PUSH SWITCHES



PUSH SWITCH WITH TWO SPDT MINIATURE MICRO SWITCHES, ONE SIDE NORM. OPEN, OTHER CLOSED; SCREW CAP COVERS PUSH BUTTON. #2PBI .75
SPST NORMALLY OPEN; 3A/250. PSW002 \$.35
DPST NORMALLY OPEN; 1A/250. PSW004 \$.35
SPST GOLD-FINISHED DOORBELL NORMALLY OPEN; 1 5/8" DIA. HARDWARE INCLUDED. PSW005 \$.35
JPST INTERLOCK, NORMALLY OPEN. (3Z9825/254) PSW006 \$.35
SPST PULL SWITCH, NORMALLY OPEN. PSW007 \$.35
SPST NORMALLY CLOSED; CASING AS GROUND; 1/2" SCREWS REQUIRED FOR MOUNT. PSW008 \$.35
SPST, NORM. OPEN, FITS 3/8" HOLE. PSW1323 \$.35
SPST NORMALLY OPEN. PSW010 \$.35
SPST NORMALLY OPEN. PUSH-IN MOUNT REQUIRES 5/8" HOLE. PSW011 \$.25
SPST, NORM. OPEN, FITS 5/8" HOLE. J-3-PB \$.39



DPDT PUSH-LEVER SWITCH. PSW013 \$.50
DPST PUSH-LEVER SWITCH. NORMALLY OPEN. PSW014 \$.50
DPST NORMALLY OPEN. PSW015 \$.50
FIVE-PUSH SWITCH 2PST NORM. GL. 1PST NORM. OP. 1PDT. 5 X 3 X 1 #PSW5022 \$1.00
SIX-PUSH SWITCH; FIVE ARE SPST NORMALLY OPEN, THE OTHER DPST AND DPDT ON THE OPPOSITE SIDE. 4 1/2" X 2 1/2" PSW017 \$1.00

SPST PUSH-LEVER SWITCH. 3 5/8" X 1 1/2" X 1 1/2". PSW022 \$.35
SPST NORMALLY CLOSED MICROPHONE SWITCH. COVER AS GROUND, WITH MOUNT. PSW019 \$.75
SPST NORMALLY OPEN START-STOP DOUBLE SWITCH. #401. PSW020 \$1.00
DPST, MICRO SW. NORM. CLOSE PUSH PLUNGER W/SIDE MOUNT; 1 1/2 X 1 1/2 X 1 1/2 CR1070C103 \$.50

EIGHT PUSH SWITCHES DPST NORM. OPEN AUTO RELEASE. PUSH SW. RELEASES ALL SPST NO. CL. 5 X 2 X 1 1/2; #855-151 \$1
CHAFF DISPENSER CONTROL BOX AND 24 VDC 5 DIGIT DECLINING COUNTER 2 DIGITS AT A TIME ALSO 12 POSITION WAFER SWITCH. LESS DIAL LAMPS \$ TOGGLE SWITCH. 6 X 4 X 3; 2 LB. \$1.95

SWITCHES



AIRCRAFT TYPE SWITCH TWO HOLE MOUNTING FIG. #1
CIR CON RATING NO PR
SPST NEW 5A/125 B-5A .25
SPDT NEW 15/125 B-9-A .35
(ABOVE SW. CENTER-OFF)
SPDT REM 15/125 3022-7 .35
(ABOVE SW. CENTER-OFF MOM. B.S)
SPDT NEW 15/125 B-1B .30
DPST REM 30/125 C-1 .40
DPDT NEW 20/125 3023-10 .55
SPDT REM 5/125 B-7A .55
(CENTER-OFF, MOM. ONE SIDE)

TOGGLE SWITCHES

TOGGLE SWITCHES SINGLE HOLE MOUNTINGS: CONDITION NEW & "REM" RE-MOVED FROM EQUIPMENT, ALL GUARANTEED.

CIR CON RATING NO PR
SPST REM 6A/125 SW-105 .20
DPDT REM 15/125 ST-52R .35
(MOMENTARY, NO OFF POS.)
DPST NEW 10/250 8829K4 .50
(ABOVE SW. MOMENTARY)
DPST NEW 3A/125 CH7590 .35
DPST REM 15/125 ST50-K .45
DPST REM 5A/125 8822K1 .35
DPST REM 10/250 CH3545 .40
DPDT REM 3A/125 SW3125 .20
DPDT REM 6A/125 SW6125 .30
DPDT REM 5A/125 ST22R .35
SPDT REM 15/125 ST-420 .35
("ON" BOTH SIDES)
DPDT REM 15/125 ST52N .35
SPST NEW 15/125 SW3115 1.00
4PST REM 10/125 7661K5 1.00
SPST REM 6/125 8817K2 .35
(MOMENTARY)
DPDT NEW 5A/125 SW5125 .65
(ABOVE SW. CENTER-OFF; HOLE MOUNTING 3/4" DIA.)
3PST NEW 15/125 SW3115 1.25
(ABOVE SW. MOUNTED ON "ON-OFF" PLATE 2" X 2 7/8"; FOUR 1/8" SCREWS REQUIRED)

SPDT REM 8/125 ST-130 .25
("ON" BOTH SIDES)
DPDT NEW 15/125 BARKELEW \$2.50
(ABOVE SW. MEASURES 5" X 6 1/2" X 1 1/2"; FOUR SCREWS MOUNTS FOR 1/8" SCREWS)

LEVER SWITCHES



1273 *K-22 *K-1100 RM57416
TELEPHONE TYPE LEVER SWITCH
6 MAKE ONE SIDE-CENTER "OFF"
6 MAKE OTHER SIDE; REMOVED.
#HAC4803 \$.60
4 CIRCUIT EA. SIDE NORMALLY OPEN #3Z9818-9.1 50¢ EA.
1 SIDE 8 BREAK 8 MAKE 4
MAKE OTHER 1 BREAK
#SW-BC1323 RE-MOVED 60¢

1 SIDE 2 MAKE OTHER SIDE
2 BREAK 2 MAKE SW-EE-2 35¢
TCK#404 GE#P7763503-2 50¢
1 SIDE DPDT NC & DPST NO.

PUSH-TO-TEST

PUSH-TO-TEST INDICATORS.
DOUBLE LAMP HOLDERS WITH MINIATURE BAYONET BASE. 2 1/2" x 1 1/2" x 3/4". KORRY ST-260 SCREW TERMINALS OR TYPE 260 WITH SOLDER TERMINALS. AVAILABLE WITH THE FOLLOWING INSCRIPTIONS:
POWER - AIR CONDITIONING-IGNITER - POWER SUPPLIES-ERECTOR - 100% LIQ OXY
PRICE: \$2.00EA

PUSH-TO-TEST INDICATOR WITH MINIATURE BAYONET SINGLE LAMP HOLDER. 2 1/2" x 1 1/2" x 3/4". KORRY ST-136 SCREW TERMINALS OR TYPE 136 WITH SOLDER TERMINALS. AVAILABLE WITH THE FOLLOWING INSCRIPTIONS:
LOW - OVERLOAD - MALF. - POWER ON
PRICE: \$1.25EA

PUSH-TO-TEST INDICATOR WITH MINIATURE SCREW BASE. PED 7/16" DIA. SMOOTH JEWEL. 0" TO 1/2" SURFACE CLEARANCE. REQUIRES 3/8" HOLE TO MOUNT. 1 5/8" LONG. USED. VM-500-2 \$1.59EA

PUSH-TO-TEST INDICATOR WITH MINIATURE SCREW BASE. 3/8" DIA. CARAMEL-COLOR COVER. 0" TO 1/2" SURFACE CLEARANCE. REQUIRES 11/16" HOLE TO MOUNT. 1 5/16" LONG. NEW. 6210-617-0946 \$1.59EA

PUSH-TO-TEST INDICATOR WITH MINIATURE BAYONET DOUBLE LAMP HOLDER. 2 5/8" x 1 1/2" x 5/8" WITHOUT LAMP COVER. COVERS NOT AVAILABLE. NEW. KORRY TYPE 261 WITH SOLDER TERMINALS
PRICE: \$1.00EA

INDICATOR LIGHT WITH MINIATURE BAYONET DOUBLE LAMP HOLDER. 2 1/2" x 1 1/2" x 3/4". INSCRIBED WITH "CHECK FULL RPM" NEW. KORRY TYPE 204 SOLDER TERMINALS. PRICE: \$1.75



BULLS EYE PILOT LIGHTS

DULL FINISHED BRASS, BAYONET BASE, AND 0" TO 1/2" SURFACE CLEARANCE. ALL USED. LESS BULBS. PRICE: \$.39EA

B. PIL001. 7/16" CLEAR JEWEL. SINGLE CONTACT MINIATURE BASE. 2-1/8" x 7/8"
D. LH62BY2. 3/8" DIA. AMBER JEWEL. SINGLE CONTACT MINIATURE BASE. 2 1/2" x 1"

GRIMES INDICATOR LIGHT WITH ROUND LENS CAP; RED LENS, SUB-MIN. 28V. BULB INCLD. 7/16" THREADED BASE; SINGLE CONTACT. 1 1/2" x 1 1/2" x 1 1/2"
6220-333-5827 \$1.50



PILOT LIGHT JEWELS

RED, FACETED, 3/8" DIA. JEWEL. SCREWS INTO 11/16" DIA. HOLE OF DESIRED ASSEMBLY. TYPE 81 \$1.15 EA.

SMOOTH RED JEWEL 3/8" IN DIAMETER. SCREWS INTO A 1/2" ASSEMBLY. SERIES F \$1.15 EA

LARGE 5/8" FACETED AMBER JEWEL. SLIPS OVER BRACKET 7/8" IN DIAMETER. HAS ALSO MOUNTING HOLES FOR 3/32" SCREWS. 225368/1 \$1.15 EA

3/8" DIA. WHITE SLIP-IN LAMP CAPS FOR SWITCHBOARDS. (NOT PICTURED) SLIPS INTO 3/8" HOLE. 4C1971 \$1.15 EA 100/\$10

SUB-MINIATURE PILOT ASSEMBLY. 5/16" AMBER FACETED JEWEL FIT INTO BRACKET WITH AN OPENING OF 5/16". REQUIRES DOUBLE TERMINAL PLUG-IN OR SOLDER-IN NEON LAMPS. 1" LONG AND 1" HIGH. PIL010 \$1.15 EA 8/\$1.00



SUB-MINIATURE NEON PILOT LIGHT ASSEMBLY. FLUTED 5/16" DIA. CLEAR JEWEL. BASE IS FEMALE PART FOR A THREE PRONG PLUG WITH 1/16" DIA. HOLES IN ISOSCELES TRIANGLE PATTERN. MOUNTS IN 3/8" HOLE. 0" TO 3/8" SURFACE CLEARANCE. 1 3/8" LONG. INCLUDES BULB. USED. 110V. PIL007 \$.25 5/\$1.00

SINGLE TERMINAL AND CONTACT SUB-MINIATURE DIMMER PILOT LIGHT. MECHANICAL DIMMER VARIES SIZE TO COMPLETE DARKNESS. REQUIRES T-1 1/2" BULB. 5/16" DIA. SMOOTH RED JEWEL. MOUNTS IN 7/16" HOLE. 1 3/8" LONG. LESS BULB. NEW. 6210-643-4087 \$1.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. CLEAR STOVEPIPE, SMOOTH 5/8" DIA. JEWEL. MOUNTS IN 11/16" HOLE. SURFACE CLEARANCE IS 0" TO 3/8 2 1/8" LONG. LESS BULB. USED. PIL008 \$.39

ALL PLASTIC PILOT LIGHT. SINGLE CONTACT, MINIATURE SCREW TYPE BASE. RED FLUTED, COVER-LIKE JEWEL 3/4" IN DIAMETER. NEEDS 3/4" HOLE. SURFACE CLEARANCE OF 0" TO 1/2". THERE IS NO ADJUSTING INSTALLATION DEPTH BY A NUT

TWO 3/32" SCREWS ARE NEEDED TO ANCHOR LIGHT. 1 1/2" LONG. LESS BULB. USED. PIL009 \$.39



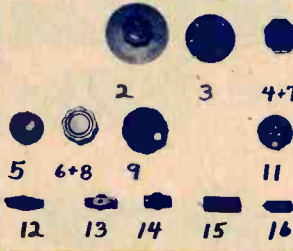
PILOT LIGHT WITH A SINGLE CONTACT, CANELABRA SCREW BASE. LARGE 1" DIA. RED JEWEL FACETED ONLY AT THE EDGE. REQUIRES 1" HOLE AND HAS SURFACE CLEARANCE OF 0" TO 1/2". 2 3/8" LONG. LESS BULB. UNUSED. PIL002 \$1.59

PILOT LIGHT WITH SINGLE CONTACT, CANELABRA SCREW TYPE BASE. 1" DIA. RED-FACETED JEWEL. MOUNTS IN 1" HOLE WITH SURFACE CLEARANCE OF 0" TO 1/2". 2 1/2" LONG LESS BULB, UNUSED. PIL003 \$.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. 3/8" DIA. SMOOTH, GREEN JEWEL. MOUNTS IN 5/8" HOLE WITH A SURFACE CLEARANCE OF 0" TO 1/2". 2 1/16" LONG. LESS BULB, UNUSED. PIL004 \$.49



PUSH BUTTON SELECTOR SWITCH. 6-BUTTON EACH NORMALLY CLOSED, MAKE ONE EACH SIDE. 5 1/2" x 1" FRONT MTG. PIECE. MOUNTS INTO 4" x 5" x 5" AREA. WITH TERMINAL BOARD. UNUSED \$3.98EA.



FLUTED KNOBS

2-3/8" FLUTED KNOB W/3" SKIRT, BRASS INSERT FOR 1/2" SHAFT GR#9682 \$1.00
2-3/8" FLUTED KNOB W/2-7/8" SEMI SKIRT, INSERT FOR 1/2" SHAFT. GR#9566 \$1.00

1 1/2" DIA. FLUTED KNOB WITH REMOVABLE 3" OIAL WITH MARKING 34L-0-34R. BRASS INSERT FOR 3/16" DIA. SHAFT. KNBNO02 \$.25

1" DIA. FLUTED KNOB WITH 2 1/2" NON-LINEAR CALIBRATED OIAL. BRASS INSERT WITH 1/2" DIA. HOLE. KNB003 \$.25

1 1/2" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR 1/2" SHAFT. KNBNO04 EA \$.25, 5/\$1.00

1 1/2" DIA. FLUTED KNOB WITH SKIRT AND POINTER. BRASS INSERT FOR 1/2" SHAFT. KNBNO05 \$.25

1 1/2" FLUTED KNOB WITH BRASS INSERT FOR 1/2" SHAFT. KNBNO06 \$.25

1" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR 1/2" SHAFT. KNBNO07 \$.25

1" DIA. FLUTED KNOB WITH BRASS INSERT FOR 1/2" SHAFT. KNBNO08 \$.25

ALL THE ABOVE KNOBS ARE OF SET SCREW TYPE.

SPIN KNOBS

2" DIA. METAL FLUTED SPIN KNOB FOR 5/32" SHAFT. KNBNO09 \$.79

2 1/2" DIA. SPIN KNOB. METAL. TAKES 3/16" SHAFT. #8089 NEW \$2.00

METAL SPIN KNOB 1 5/8" DIA. TO BE ATTACHED TO ANOTHER KNOB OR DISK BY THREE SCREW. CONVERTS KNOB TO SPIN KNOB. KNBNO11 \$.20

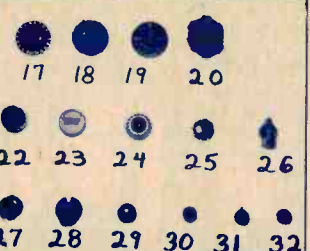
1 1/2" DIA. PLASTIC, FLUTED SPIN KNOB. TAKES 1/2" SHAFT. #0389 NEW \$1.25

1-1/8" DIA. PLASTIC FLUTED KNOB WITH LOCKING DEVICE. BRASS INSERT TAKES 5/16" SHAFT. #4692 NEW \$1.00

1-5/8" DIA. PLASTIC KNOB WITH 2 1/2" DIA. ALUMINUM SKIRT, CALIBRATED 0 TO 10. BRASS INSERT FOR 1/2" SHAFT. #9414 NEW \$1.50

1-1/8" DIA. FLUTED PLASTIC KNOB WITH 1 1/2" DIA. SKIRT. BRASS INSERT FOR 1/2" SHAFT. #9347 NEW \$.50

1 1/2" DIA. PLASTIC KNOB WITH 1 1/2" DIA. SKIRT. CALIBRATED ALPHABETICALLY A, B, ... Y, Z. SKIRT ALUMINUM. 1/2" HOLE. #5312 NEW \$.50



BAR TYPE KNOBS

BAR TYPE BAKELITE KNOB FOR 1/2" SHAFT. 1 1/2" x 1 1/2" x 5/8". SET SCREW TYPE. KNBNO12 \$.25

BAR TYPE BAKELITE KNOB FOR 3/4" SHAFT WHICH MUST BE TAPED FOR SET SCREW. 1 1/2" x 1 1/2" x 5/8". KNBNO13 \$.25

RECTANGULAR BAR TYPE BAKELITE KNOB 1 1/2" x 1 1/2" x 5/8". WITH BRASS INSERT FOR 1/2" SHAFT. SET SCREW TYPE. KNBNO14 \$.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR 1/2" SHAFT TAPED FOR SET SCREW. 2" x 1 1/2" x 1 1/2". KNBNO15 2/\$.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR 1/8" SHAFT TAPED FOR SET SCREW. 1 1/2" x 5/8" x 1 1/2". KNBNO16 \$.25

BAKELITE BAR TYPE KNOB 1" x 1 1/2" x 1 1/2" ON 1/2" REMOVABLE OIAL FOR 1/2" SHAFT. SET SCREW. KNBNO17 \$.25

1 1/2" DIA. METAL KNOB FOR 3/4" SHAFT WITH TWO SET SCREWS. FINGER GRIP KNOB FOR HEAVY SWITCHING APPLICATIONS. KNBNO18 2/\$.35

1 1/2" DIA. PLASTIC KNOB WITH BRASS INSERT. BAR TYPE FINGER GRIP FOR SWITCHING. USE WITH 1/2" SHAFT. KNBNO19 \$.25

1 1/2" BAKELITE KNOB FOR USE WITH 1/2" SHAFT. USED FOR APPLICATIONS WHERE EXTRA GRIP IS REQUIRED. 1 1/2" HIGH. KNBNO20 \$.25EA. 5/\$1.00

3/4" RIBBED KNOB 7/8" DEEP 1" SKIRT F/1/2" SHAFT DULL BLK. KNB7820 35¢

5/8" x 3/4" SAME AS ABOVE BRIGHT BLK. KNB1261 20¢

BAKELITE INSTRUMENT KNOB 1" DIA. 1" HIGH. BRASS INSERT FOR 1/2" SHAFT AND SET SCREW. KNBNO22 \$.25

1 1/2" KNOB MARKED "INCREASED OUTPUT". 1/2" HOLE WITH SET SCREW. 1 1/2" THICK. METAL. KNBNO23 \$.25

1 1/2" PUSH-ON KNOB FOR 1/2" SHAFT. #/MODIFICATION, BROWN KNBNO24 2/\$.25

BROWN BAKELITE 1" DIA. KNOB KNURLED SHAFT OF 1/2". 1 1/2" HIGH. KNBNO25 2/\$.25

BAKELITE POINTER KNOB WITH BRASS INSERT FOR 1/2" SHAFT. 1 1/2" x 1 1/2" x 1 1/2". KNBNO26 \$.25

FLUTED KNOB W/POINTER AND SKIRT FITS 1/2" SHAFT. 1 1/8" DIA. 1 1/2" THICK. KNBNO27 \$.25

1 1/2" DIA. KNOTCHED KNOB WITH BRASS INSERT FITS 1/2" SHAFT. SET SCREW TYPE. 1 1/2" HIGH. KNBNO28 3/\$.25

MINIATURE LAMPS

STK#	TYPE	V.	A.	BASE	BULB	EA	PKG. 10	
225950	LM-50	2	.25	MIN SC.	G-6	.20	.75	
225950	51	2	.25	MIN SC.	G-6	.20	.75	
68521	LM-21	110	400	MED SEC.	G-30	.50	4.00	
	(LM-21)	P/O SIGNAL LAMP EQUIPMENT EE-80						
6240-6594	LM-41	110	6W	CAN SC.	#B	.20	1.50	
225877-29		6.8	.25	CAN SC.	G-6	.20	.75	
225878	43	2.5	.5	MIN BAY	T-3 1/2	.20	.75	
8870-775		150		CAN SC.	6S6 CL	.20	1.00	
225954	LM-54	105-125		LEADS	T-2	.20	.75	
626812-5	LM-45	12-16	.6	CAN BAY	G-6	.20	.75	
6240-7126		55	5W	MED SC.	S-14	.25	2.00	
DE EVRY494	(RED)	125	25W	CAN SC.	T-6	.25	2.00	
626812-5	LM-44	6-8		DC BAY	G-6	.20	.75	
PC90615C		12		MIN SC	G-3 1/2	.20	.75	
6240-3394	3S6/5	115		DC BAY	T-4 1/2	.25	1.75	
	502	5	.15	MIN SC.		.20	.75	
626812-6	STANDARD LAMP	12	VOLT	FROSTED		.35	3.00	
	PR-10	6						
	480	22	.55	MIN SC.	G-6	.30	2.00	
225882		18	.11	MIN SC.	T-3 1/2	.20	1.00	
626827	LM-30	27		CAN BAY	T-8	.20	1.00	
	NE-2			1/17 AMP	2F SLIDE BASE	.10	.75	
	4C5491-KI			KI SLIDE BASE		.10	.75	

GE# 5F001 4 WATT FLUORESCENT LAMP, 5-3/8" LONG, TERMINAL TO TERMINAL \$1.25 EA. 24 FOR \$3.

GE #4550 28 VOLT 250 WATT, 7" DIAMETER, PRICE: \$3.00 EA.
GE PAR 64/WFL 115 VOLT 500 WATT WIDE FLOOD LAMP, 8" DIAMETER \$6.5C EA.



DYNAMOTOR TESTER



TS-414 DYNAMOTOR TESTER
THIS EQUIPMENT PROVIDES A MEANS OF TESTING DYNAMOTORS OF SEVERAL TYPES UNDER LOAD CONDITIONS. PROVISION IS MADE FOR THE MEASUREMENT OF INPUT VOLTAGE, INPUT CURRENT, OUTPUT VOLTAGE, OUTPUT CURRENT AND OUTPUT RIPPLE VOLTAGE OF BOTH SINGLE AND MULTIPLE OUTPUT DYNAMOTORS. METERS; INPUT D.C.V.; INPUT AC VOLTS RMS; DC OUTPUT CURRENT; DC OUTPUT VOLTS POWER REQUIRED: 14/28 VDC, 50 AMPS. \$35.00
SIZE: 27x21x17 1/2; WT. 100 LBS.

COMPUTER



B-29 COMPUTER TESTER USED TO CHECK THE FIRE CONTROL SYS. THIS UNIT CONTAINS A VOLT-OHM METER WITH ONE OHM RANGE 300 OHM CENTER SCALE, AC; 3, 30, 150, 300. DC; 3, 30, 150, MILLIAMPMETER 2.5 MA AND 25 MA. 2/2J1F1 400CYC SELSYN 1/2J1H1 SELSYN 400CYCLE WHICH WILL OPERATE ON 36V 60CYC. 11/WAFER SWITCHES 6/ POTENTIOMETERS, 8/Toggle switches, 1/FIVE PUSHBUTTON SWITCH, PLUS OTHER PARTS ALL IN A 19x12x16 1/2 IN LUGGAGE STYLE CASE WITH 4 FIVE FOOT CABLES AND CONNECTORS. SH. WT. 50 LBS. PRICE LIKE NEW \$22.50



TS-35/AP SIGNAL GENERATOR USED FOR THE TESTING AND GENERAL MAINTENANCE OF RADAR EQUIP. PRODUCES SIGNALS, CW OR PULSED INTERNALLY OR EXTERNALLY SYNCHRONIZED, OF KNOWN FREQUENCY AND POWER. USED TO MEASURE THE FREQUENCY AND AVERAGE POWER OF RADAR TRANSMITTER SIGNALS, AND TO PRODUCE FM SIGNAL FOR DETECTION OF DEFECTS IN RADAR EQUIP. WILL MEASURE SIGNAL TO NOISE RATIO, TRANSMIT RECEIVE RECOVERY TIME, FREQUENCY PULLING, AFC OPERATION AND BANDWIDTH. FREQUENCY RANGE: 8700-9500 MC; POWER SUPPLY 115V±10% 50-1200CYCLES SIZE: 9x9x14, WT: 35 LBS. PRICE: USED, \$39.95



PP-351/U POWER SUPPLY; PORTABLE POWER UNIT PROVIDING REGULATED DC POWER FOR TESTING COMMUNICATION EQUIP. AN/PRC-6, 8, 9 & 10; SCR-510 & 610; AND RECEIVER-TRANSMITTER BC-1000.
INPUT: 115/230V. 2.6/1.3 AMPS, 50/60 CYCLES
OUTPUT, A₁: .9 TO 1.8 VDC @ 0 TO 1.5 AMPS
A₂: .9 TO 1.8 VDC @ 0 TO 1 AMP
AND 2.5 TO 8.6 VDC @ 0 TO 1 AMP.
B₁ & B₂: 22.5 TO 150 VDC @ 0 TO 100 MA.
C₁: 0 TO 22.5 VDC @ 0 TO 1 MA.
INCLD. INPUT CABLE AND OUTPUT CABLES FOR PRC-6; PRC-8,9,10; SCR-510, 610; AND BC-1000
SIZE: 25x11x14 1/2; WT: 150 LBS. USED \$49.50



BALLANTINE 310A VTVM WIDE RANGE, MEASURES FROM 1MV-100 V FULL SCALE AT 10 HZ TO 2M HZ. ACCURACY IS -3% OF READING FROM 15 HZ TO 1 MHZ. \$65.00



I-199 TEST SET DYNAMOTOR & HAND GENERATOR TESTER USED TO CHECK EQUIPMENT UNDER LOAD CONDITIONS. INPUT VOLTAGE READINGS 0-60 VOLTS DC & 60 AMPS. D.C. OUTPUT VOLTAGES 0-1200 VOLTS D.C. & 600 MA. D.C. ALSO PERCENTAGE OF RIPPLE IN THE INPUT & OUTPUT, ALL SHOWN ON 3" RD. METERS ALSO CONTROLS FOR VARIING VOLTAGE & CURRENT UNDER LOAD. SIZE: 18x12x11, WT: 40 LBS. PRICE: USED \$29.50 NEW \$39.50



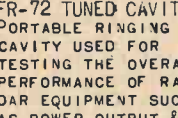
DESICCATOR PUMP TEST FIXTURE; CONSISTS OF AIR FLO-SCOPE INDICATOR WITH 4" MAGNEHELIC METER 0-8 INCHES OF WATER AND PRESSURE CONTROL VALVE ALSO TWO 3" SQUARE METERS 0-50 VDC 500 OHMS PER VOLT AND 0-5 AMMETER, RHEOSTAT, SWITCH, PILOT LIGHT, ETC. UNIT IS HOUSED IN METAL CARRYING CASE, 21x13x6; WT: 25 LBS. PRICE: USED \$14.95



STARK TUBE CHECKER 9-66 OR DYNAMIC MUTUAL CONDUCTANCE TYPE DESIGNED TO PROVIDE EITHER REPLACE-GOOD READINGS OR MUTUAL CONDUCTANCE VALUE IN MICROHMS OF VACUUM TUBE USED IN RECEIVERS & TRANSMITTERS, WITH PROVISIONS FOR LOCATING SHORTS & LEAKAGE BETWEEN ELEMENTS ALSO NOISE TEST. ROLLER TYPE CHART FOR TUBE SETTINGS. NEW CHARTS CAN BE OBTAINED FROM MFG. WHEN NECESSARY. USED REPARABLE \$50.00
SIZE: 18x17x8; WT: 45 LBS.



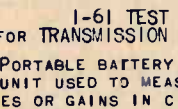
AN/PMQ-3A WIND MEASURING SET; GIVES VISUAL INDICATIONS OF WIND DIRECTION THROUGH 360 DEG. AND OF WIND SPEED FROM 0 TO 60 KNOTS. THIS IS A LIGHTWEIGHT HANDHELD UNIT. THE WIND TURBINE IN THE WIND SPEED TRANSMITTER DRIVES A A.C. GENERATOR WHICH GIVES A READING ON THE 2 1/2" VOLTMETER IN KNOTS. THE ANEMOMETER WIND VANE HAS A POINTER & INDEX WHICH INDICATES WIND DIRECTION IN A CIRCULAR DIAL AND IS EQUIPPED WITH A VANE LOCKING DEVICE SO THE READING MAY BE RETAINED FOR REFERENCE. SIZE: 19x11x10 1/2; WT: NET 10 1/2 LBS SHIPPED IN STEEL CARRING CASE 22x11 1/2x8, 20" PRICE: USED \$45.00 MANUAL ONLY \$5.00 ML-447 WIND TAIL VANE ONLY.....\$5.00



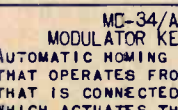
FR-72 TUNED CAVITY PORTABLE RINGING CAVITY USED FOR TESTING THE OVERALL PERFORMANCE OF RADAR EQUIPMENT SUCH AS POWER OUTPUT & FREQUENCY SPECTRUM. THE ECHO BOX CONTAINS A PRECISE-DIMENSIONED, SILVER-PLATED RESONANT CAVITY THAT OPERATES AS A SHARPLY TUNED CIRCUIT IN WHICH INDUCTANCE AND CAPACITANCE ARE TUNED TO RESONANCE AT THE FREQUENCY MEASURED. FREQ. RANGE 8500 TO 9000 MEGAHERTZ. A 3 1/2" RD. 0-30 MICROAMMETER IS USED TO INDICATE PART OF THE STORED ENERGY. POWER IS OBTAINED FROM THE UNIT UNDER TEST. SUPPLIED WITH IN-238 CRYSTAL DIODE, UG-446/U ADAPTER AND 8 FOOT COAXIAL CABLE. SIZE: 16x26x14 WT: 45 LBS. UNUSED \$19.95



TS-62 ECHO BOX & CAVITY PORTABLE SELF-CONTAINED MANUALLY TUNED TEST SET USED FOR CHECKING RADAR EQUIPMENT IN THE 9320-9420 MHZ RANGE. IT WILL DETERMINE THE FREQ. OF CW, MCW OR PULSED SIGNALS, MEASURE THE RELATIVE OUTPUT ON 0-20 3/4" MICROAMMETER, DETECT DOUBLE MODING OF MAGNETONS AND GIVES SIGNAL-TO-NOISE RATIO OF REC. ANTENNA PICK-UP ASSY. WITH CABLE PROVIDED. SIZE: 6 1/2x18 1/2x11 1/2; WT: 15 LBS. USED \$9.95



I-61 TEST SET FOR TRANSMISSION MEASURING
PORTABLE BATTERY OPERATED UNIT USED TO MEASURE LOSS ES OR GAINS IN CIRCUITS OR APPARATUS. AUDIO OSCILLATOR FREQUENCIES OF 500, 1000 AND 2500 CYCLES WITH LEVELS OF -40DBM, -20 DBM OR 0 DBM INTO A 600 OHM LOAD, THE RECEIVING AMPLIFIER IS CALIBRATED TO MEASURE LEVELS FROM A 600 OHM SOURCE BETWEEN -50 DBM & 15 DBM IN STEPS OF 0.5 DBM OVER THE FREQUENCY RANGE OF 100 TO 10,000 CYCLES THE 0 DBM IS ONE MILLIWATT IN 600 OHMS.
UNIT ALSO CONTAINS A EE-88 FIELD TELEPHONE, BATTERY OPERATED ASSY. WITH A TS-9 HANDSET. AND BE PURCHASED WITHOUT THIS ASSEMBLY. COMES IN WOOD CARRING CASE 18 1/2x10x11, WT: 47LB PRICE, COMPLETE WITH TELEPHONE ASSY & TS-9 LESS TEL. ASSY " 19.95 " " 29.50
USED \$29.95 RE-NEW \$39.50



MC-34/ARA-8 MODULATOR KEYING UNIT
AUTOMATIC HOMOING KEYING ASSY. THAT OPERATES FROM 24 VDC MOTOR THAT IS CONNECTED TO A WORM GEAR WHICH ACTUATES THE CODED WHEEL THAT INTERRUPTS THE SIGNAL AND TRANSFERS FROM ONE ANTENNA TO ANOTHER. ALSO HAS RELAY AND THREE SO-239 TYPE COAX. CONN. CAN BE USED AS A REMOTE ANTENNA CHANGE-OVER. SIZE: 3 1/2x10x4 1/2; WT: 5 LBS. PRICE: USED..... \$1.95



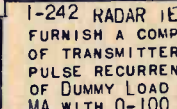
TS-730 SUMMATION BRIDGE WATTMETER USED TO MEASURE R.F. OUTPUT IN THE 1000 TO 4000 MC RANGE. EMPLOYS A DIRECT READING CIRCUIT IN WHICH A BOLOMETER ACTS AS ONE ARM OF A D.C. WHEATSTONE BRIDGE AT THE SAME TIME PROVIDING THE CORRECT RESISTIVITY TERMINATION FOR RADIO FREQ. POWER ENTERING THE WATTMETER. POWER INPUT 5 MW TO 5 WATTS. INPUT IMPEDANCE 50 OHMS. METERS 3 1/2" 0-50 RELATIVE POWER AND CENTER SCALE BALANCE. WITH TUBES 2/5651, 6AU6, 6AS7G & 5Y3GT. POWER REQ. 115 V. 50-1600 CYCLE. SIZE: 13x14x11; WT: 19 LBS. PRICES: LESS ATTENUATOR KIT BUT AS ILLUSTRATED LESS CARRING CASE \$14.95 WITH ATTENUATOR KIT AND CARRING CASE 35.00



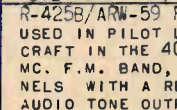
MA-1 RANGE SERVO TEST SET USED FOR TESTING AND TROUBLE SHOOTING AIR FORCE TYPE "A" SERIES RANGE SERVOS. SPECIFICALLY, TEST PROVIDES MEANS OF MEASURING THE VARIOUS OPERATING VOLTAGES OF THE RANGE SERVO UNDER TEST AND LOCALIZING THE TROUBLE WITHIN A RADAR GUNSIGHT SYSTEM. CONTAINS 3 1/2" 50 MICROAMMETER WITH 0-60 0-150 SCALES IN RED FOR ACV & 0-50/500 VDC SCALE IN BLK. SELECTOR SWITCHES, INDICATOR LIGHTS AND FOUR GORN CONNECTORS 12M & 12F WHICH ARE MALE & FEMALE 12 CONTACT ALSO CABLE WITH MATCHING DETACHABLE PLUGS. SIZE: 10 1/2x10x7 1/2 IN ALUMINUM CASE. WT: 18 LBS. PRICE: RE-NEW \$15.00



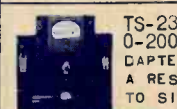
TS-13 SIGNAL GENERATOR 9305 TO 9445 MC. PER SEC. WITH CALIBRATED ATTENUATOR, WAVEMETER AND A THERMISTOR MEASURING POWER CIRCUIT. SIG. OUTPUT CW, FM, PULSED CARRIER. RECEPTION CW & PULSED CARRIER. P0 50 MICRO WATTS, OUT. IMP. 50 OHMS WITH TUBES 3/6SN7 2/6AC7, 1/6Y6, 1/723AB (2K25) 1/5U4G, 3/0C3/VR-105. POWER REQUIRED 115V 60 CYCLE. (WRITE FOR MORE INFORM.) SIZE: 11 1/2x21x10 1/2; WT: 75 LBS. PRICE: USED \$25.



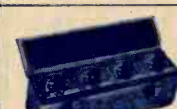
I-242 RADAR TEST SET DESIGNED TO FURNISH A COMPARATIVE INDICATION OF TRANSMITTER OUTPUT AND MEASURE PULSE RECURRENCE RATE. CONSISTS OF DUMMY LOAD WITH 3" METER 0-50 MA WITH 0-100 SCALE. USED SIZE 8x10x11; 14 LBS \$6.95



R-425B/ARW-59 RECEIVER USED IN PILOT LESS AIR CRAFT IN THE 406 - 420 MC. F.M. BAND, 15 CHANNELS WITH A RESONANT AUDIO TONE OUTPUT IN THE FREQ. RANGE OF 7.5 TO 22.17 K.C. SENSITIVITY 5 MICRVOLTS WITH TUBES 8/5840 5/5702 6/5718, 2/5647, 1/5639 ALSO 2 CRYSTALS, 24 VDC BLOWER AND DYN. 24 VDC 2.3 A. OUTPUT 128 V. 205 MA. SIZE: 8x8x6; WT: 10 LBS. USED \$14.95



TS-238/TS-207 ECHO BOX WITH 3" RD. 0-200 MICROAMMETER AND CRYSTAL ADAPTER FOR RF ENERGY. ECHO BOX IS A RESONANT-CAVITY DEVICE DESIGNED TO SIMPLIFY THE TUNING AND CHECKING OF RADAR BY PROVIDING AN ARTIFICIAL OR "PHANTOM" TARGET WHICH MAY BE USED IN TUNING THE RECEIVER TO THE TRANSMITTER IF NO REAL TARGETS ARE AVAILABLE. PROVIDES A CLEAR, STEADY ECHO OF KNOWN CHARACTERISTICS WHEN SUCH AN ECHO IS NOT OBTAINABLE FROM NEARBY GROUND TARGETS. REQUIRES UG-21 COAX. CONN. 11x15x7 1/2 15 LBS. \$15.00 UG-21 COAXIAL CONNECTOR FOR ABOVE UNIT 75¢.



I-129 FREQUENCY METER ABSORPTION TYPE; DESIGNED TO MEASURE RADIO FREQUENCY FROM 1.5 TO 41 MC. CONSISTS OF FOUR FREQUENCY INDICATING ASSEMBLIES, THAT CONSISTS OF A COIL VAR. CAPACITOR AND DIAL, AND IS USED TO INDICATE THE FUNDAMENTAL FREQ. OF AN R.F. SOURCE. IT MAY ALSO BE USED TO DETERMINE THE ORDER OF A HARMONIC CRYSTAL OSCILLATOR, FREQ. DOUBLER OR QUADRUPLER. THE RANGES ARE 1.5-4 MC, 4-11 MC, 10-20 MC & 19-40 MC. NO VOLTAGE IS REQUIRED FOR OPERATION. CARRING CASE SIZE: 12 1/2x5 1/2x3; WT: 8 LBS. U \$25.00

AN/FGC-5 TELEGRAPH



CV-94/FGC-5 TELEGRAPH CODE CONVERTER, RECEIVING GROUP ACCEPTS THE SIGNAL CODE COMBINATION, MOMENTARILY STORES AND GENERATES THE PROPER SIGNAL TO BE SENT ON TO THE START-STOP CIRCUIT, INCLUDES 6 INPUT SIGNAL LAMPS, MONITOR SELECTOR, OUTPUT JACKS FOR MONITOR SCOPE TRIGGER AND PRINTER, 3/4" METER 100-0-100 MA DC W/TUBES 9/12AU7, 3/12AT7 & 13/5663 & MERCURY RELAY. RACK MTG. 19x7x13; WT: 22 LBS. USED \$14.95



O-100/FGC-5 SIGNAL DISTRIBUTION DRIVE RECEIVING SUPPLIES DRIVING IMPULSES TO SIGNAL DISTRIBUTOR RECEIVING SECTION WHICH ARE CRYSTAL CONTROLLED FREQ. OF APPROX. 101.25 KC. W/ START-STOP INTERVAL, FOUR CHANNEL SELECTOR & 3/4" CORRECTION METER 5-0-5 0-1 MA MOVEMENT W/TUBES 12/12SN7 & 2/6SJ7 USED \$14.95



C-621/FGC-5 CONTROL MONITOR RECEIVING GROUP DECOUPLES AND AMPLIFIES SIGNAL WITH PROVISION FOR MONITORING W/SPEAKER & 3/4" METERS 0-100 MA DC. & 0-1 MA MOVEMENT & SCALE 0-200 FOR READING MULTIPLEX DRIVE AND WPM. W/TUBES 8/6SN7, 1/6SL7, 2/6V6 & 1/2B23. REQUIRES 225 VDC AND 6.3 VAC. USED \$17.95



TT-64/FGC-5 RECEIVING SIGNAL DISTRIBUTOR ACCEPTS THE AMPLIFIED MULTIPLEX SIGNAL FROM THE CONTROL MONITOR, DETECTS THE PATTERN, INVERTS TO NORMAL AND SENDS PROPER CODE COMBINATIONS TO CONVERTERS. W/TUBES 12/12AU7, 4/12AT7, 10/5663, 2 PUSH SWITCHES FOR IMPULSE & CHANNEL PHASING & MONITOR SELECTOR. RACK MTG. 19x7x13; 22LBS, USED \$12.95



CV-81/FGC-5 TELEGRAPH CODE CONVERTER TRANS. CIRCUITS FOR ACCEPTING & DETECTING START-STOP SIGNALS FROM 1 CIRCUIT STORING THE FIVE ELEMENT CODE COMBINATIONS AND TRANSFERRING THE STORED SIGNALS TO POSITIONS ARE USED BY THE TRANS. SIG. DIST. IN THE MULTI. CIR. WESTON 301 DC MA, 100-0-100, 30 TUBES, 19/5663, 5/12AT7, 5/12AU7 & 1/3B23. VOLTAGE REQ. 6.3 VAC. 115 & 225 VDC. SIZE: 19x7x13; WT: 23 LBS. USED \$14.95



O-101/FGC-5 SIGNAL DISTRIBUTOR DRIVE TRANSMITTER GROUP SUPPLIES TIMED DRIVING IMPULSES TO THE TRANSMITTER DISTRIBUTOR, CRYSTAL OSCILLATOR 101.25 KC IN OVEN, AMPLIFIER CIRCUIT USES TUBES 6/6SN7, 1/6SJ7; 7 POSITION SWITCH FOR FREQ. & FAC. SEL. VOLT. REQ. 6.3 AC. 115 & 225 VDC. 19x7x13; 15 LBS. USED \$9.95



C-620/FGC-5 CONTROL MONITORING TRANS. GROUP AMPLIFIES SIGNALS FROM TRANS. SIG. DIST. COUPLES OUTPUT TO MULTIPLEX TRANS. CIR. NECESSARY CONTROL SWITCHES & LIGHTS TO DO THIS. ALSO WESTON METERS 301, 3/4" 0-100 MA DC. AND MULTIPLEX DRIVE FREQ. METER CALB. CYC. PER SEC. 60 & 75 WPM. 0-1 MA DC. BASIC. FS. W/TUBES 5/6SN7, 2/6V6, VOLTAGE REQ. 6.3 VAC, 115 VDC & 225 VDC. W/SCHEMATIC. 19x7x13; WT: 23 LBS. USED \$17.95



TT-58/FGC-5 TRANSMITTER SIGNAL DISTRIBUTOR CONTAINS CIRCUITS WHICH FORM THE MULTIPLEX TELEGRAPH SIGNAL, THE PATTERN BEING DETERMINED BY THE CODE SIGNALS SET UP IN THE PARTICULAR TEL. CODE CONVERTERS IN USE. IT CONTAINS A CRYSTAL OSCILLATOR, SUBDIVIDED, AMP. CIR., IND. LAMP AND SW. TO CONNECT CONTROL MONITOR FOR OSCILLOSCOPE VIEWING. WITH TUBES 19/12AT7 & 10/5663. VOLTAGES REQ. 6.3 VAC., 115 & 225 VDC. 19x7x13; WT: 15 LBS. USED \$14.95

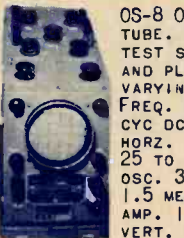
CONNECTOR PLUGS FOR THE ABOVE \$1.50 EA.

DUMONT 304 SCOPES



DUMONT 304 OSCILLOSCOPE, A GENERAL PURPOSE SCOPE THAT ENABLES RAPID, ACCURATE AMPLITUDE MEASUREMENT OF ANY PORTION OF A 0 TO 1000 VOLT SIGNAL FROM DC TO 100 KHZ, USEFUL TO ABOVE 300 KHZ. FEATURES LARGE 5ADP TYPE CATHODE RAY TUBE AND 100 MILLIVOLT FULL SCALE VERTICAL SENSITIVITY. SWEEP FREQUENCY RANGE FROM 2 TO 30,000 HZ. EXTRA-LOW FREQUENCIES POSSIBLE BY ATTACHING EXTERNAL CAPACITANCE TO TERMINALS. MAXIMUM SWEEP SPEED WITH SWEEP EXPANSION IS ONE INCH PER MICROSECOND. INPUT IMPEDANCE: 2 MEGOHMS PARALLELED BY 50 UUF. POWER REQUIRED: 115/230 VAC 50-400 HZ. 9x13 1/2x19 WT: 65 LBS. DUMONT 304-A OR 304-AR (RACKMOUNT) USED, REPARABLE \$45.00 USED, CHECKED \$60.00 DUMONT 304-H, SAME AS 304-A EXCEPT W/5CP SERIES CRT, REPARABLE \$50. CHECKED \$65.00.

OS-8 OSCILLOSCOPE



OS-8 OSCILLOSCOPE WITH 3RP1 C.R. TUBE. PORTABLE GENERAL PURPOSE TEST SET DESIGNED TO DISPLAY, METER AND PLOT THE CHARACTERISTICS OF A VARYING ELECTRICAL POTENTIALS. FREQ. RANGE: VERTICAL AMP. 0-1000 CYC DC INPUT, 30 CYC TO 2 MC AC IN. HORIZ. AMP. 0 TO 1000 CYC DC INPUT, 25 TO 100K CYC AC INPUT, SWEEP CTR OSC. 3 TO 50K CYC INPUT IMP. AC 1.5 MEGOHM, DC 2.0 MEGOHM, HORIZ. AMP. 1 MEGOHM, DEF. SENSITIVITY VERT. 0.1 V. RMS HOR. 0.1 V RMS FOR 1 IN. PK TO PK. VERT. DIR. DEF. 48 V PER IN. HORIZ. DIR. DEF. 67 V. PER IN. POWER REQUIRED, 104 TO 126 VOLTS 50-1000 CYCL SIZE: 9 1/2x6x15 1/2; WT: 20 LBS PRICE: USED REPARABLE \$39.50 CHECKED \$49.50

SCOPE ACCESSORY



TS-433/U SQUARE WAVE GENERATOR-SIGNAL AMPLIFIER AND ELECTRONIC SWITCH. THE ELECTRONIC SWITCH MAKES POSSIBLE THE SIMULTANEOUS OBSERVATION OF TWO RECURRENT PATTERNS ON THE SCREEN OF A CATHODE RAY OSCILLOSCOPE BY PROVIDING 2 INDEPENDENT TIME BASES. DIRECT COMPARISONS OF AMPLITUDES, WAVEFORMS, FREQUENCIES AND PHASE RELATIONSHIPS MAY BE OBSERVED... A SQUARE WAVE VOLTAGE OF VARIABLE FREQ. AND AMPLITUDE IS AVAILABLE AT THE OUTPUT TERMINALS FOR USE AS A TEST SIGNAL IN STUDYING THE TRANSMISSION CHARACTERISTICS OF VACUUM TUBE AMPLIFIERS OR OTHER CIRCUITS... DIRECT COUPLED AMPLIFIERS ARE DESIGNED FOR "CHOPPING" A DC SIGNAL MAKING IT SUITABLE FOR TRANSMISSION THROUGH THE AC AMPLIFIERS WHICH USUALLY ARE FOUND IN OSCILLOSCOPES. SWITCHING RATE CONT. VAR. 10 TO 2000 TPS... Sq. W. GEN. CONT. VAR. 10-500 CPS. AMPL. CONT. VAR. TO AT LEAST 30 V. P TO P... SIG. AMPL. FREQ. RESP. UNIFORM 0 TO 5000 CPS. INPUT IMP. 100,000 OHMS, OUTPUT IMP. 50,000. POWER REQ. 115/230 V. 50/60 CYCLE. SIZE: 15 1/2x13 1/2x18 WT: 20 LBS. PRICE: USED COMPLETE, NOT CHECKED \$24.95

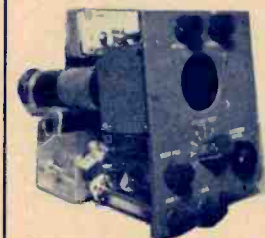


I-152(*) INDICATOR; USED WITH BC-788 ALTIMETER FOR INDICATING HEIGHT OVER TERRAIN IN AIRCRAFT WITH 3DP1 CATHODE RAY TUBE (SAME SOCKET/SHIELD AS 3RP1 TUBE AND OTHER TYPES) ALSO TUBES 3/6AG5 AND 2X2. HAS R.F. CIRCUIT, POTENTIOMETERS, 115 V. 400 CYCLE POWER SUPPLY ETC. (WILL MAKE GOOD FOUNDATION FOR A MONITOR) SIZE: 6 1/2x6 1/2x12; WT: 9 LBS. PRICE: USED \$8.95 SCHEMATIC \$1.00

OSCILLOSCOPES



USM-24 OSCILLOSCOPE WITH 3JP1 C.R. TUBE. SINE WAVE RESPONSE, FLAT WITHIN -3DB FROM 2 CYC TO 8 MC. TRANSIENTS RESPONSE .04 MIC ROSEC. RISE, POLARITY POSITIVE UPWARD AND NEGATIVE DOWNWARD DEFLECTION, RECURRENT SWEEP 8CYC PER. SEC. TO 600 KC., TRIGGERED SWEEP 1.25 TO 125 MICRSEC., VERT. DEFL. SENSITIVITY .035, HORIZ. DEFLEC. 4.0V, HORIZ. RESPONSE .5 CYC PER SEC TO 700 KC. VERT. RESPONSE 4 CYC PS. TO 10MC. BEAM MOD. RESPONSE 50 CYC PS. TO 10 MC, HORIZ. INPUT IMP. 300,000 OHMS, BEAM MOD. INPUT RESISTANCE. 56,000 OHMS SIGNAL AMPLIFICATION IS UNIFORM OVER A WIDE FREQ. RANGE. A CALIBRATING GENERATOR FOR ACCURATE MEASURE. OF INSTANT. VALUES OF SIGNAL, WITH CHOICE OF 5 TIME MARKERS. ALL OPERATING CONTROLS AND CONN. ARE ON THE FRONT PANEL. INPUT AND OUTPUT CONNECTIONS USE BNC CONNECTORS. POWER REQUIRED 115 VOLT 50 TO 1600 CYC. SIZE: 15x17 1/2x16; WT: 55 LBS. SHPG. WT: 65 LBS. SOLD AS "COMPLETE, NOT CHECKED WITHOUT GUARANTEE TO THE LIFE OF THE POWER TRANSFORMER. PROBES AND OTHER ACCESSORIES EXTRA." PRICE: OS-26/USM-24 "AS-IS" \$39.50 OS-51/USM-24C "AS-IS" \$49.50 PROBES: CG-883 10:1 ATTENUATOR \$5.00 EA CG-944 OR CG-1277C CATHODE FOLLOWER \$5.00 EA ADAPTERS UG-924, -255, -274, -273 \$1.00 EA



WECO GS-56928 SCOPE: USED FOR MONITORING AND TESTING CIRCUITS WITH 2BP1 CATHODE RAY TUBE ALSO 2/5814 1/6AG7 AND 1/5670. CARRIER LEVEL METER 1 1/2" 0-3 DC MA, BNC COAX. CONNECTORS AND NECESSARY CONTROLS FOR SCOPE. ALSO MTI CIRCUIT TEST SWITCH 11 POS. 5 DECK. (SORRY NO COVER OR SCHEMATIC) FACE SIZE 6x8 1/2 LENGTH 13; WT: 10 LBS. PRICE: UNUSED \$14.95



OS-4/USM-25 OSCILLOSCOPE GENERAL PURPOSE UNIT DESIGNED TO PORTRAY A LUMINOUS PLOT OF VOLTAGE AGAINST A TIME BASE. SERVES AS A AUX. RANGING UNIT, PRECISION TEST OSCILLOSCOPE AND CALIBRATOR CAN BE USED WITH RADAR SYSTEMS TO INCREASE THE ACC. IN RANGING, EXTEND THE RANGE SCALE AND PROVIDE ACC. CRYSTAL CONTROL MARKERS ALSO EXPANDED, DELAYED OR UNDELAYED SWEEPS. VIDEO AMP. SENS. MIN. .5 V PK-PK W/CRY. PROBE 5.0 V. DIR. TO VERT. DEF. 43 TO 52 VOLTS. FREQ. RESPONSE AMP. 1 DB 50 CPS AND 5 MCPS PULSE RESPONSE RISE TIME LESS THAN .1 MICRSEC. DELAY TIME, LESS THAN .2 MICRSEC., INPUT IMPEDANCE AMPL. 1 MEGOHM, SYNCHRONIZING CRYSTAL CONTROL MARKERS 10 MICROSEC. AND 50 MICRO SEC. INTERNAL IMP. 56 OHMS., SIGNAL DELAY TIME .60 SEC. WITH TUBES 3RP1 CR AND 22 OTHER TUBES. POWER REQ. 115 V. 50 TO 1000 CYCLES. SIZE: 11 1/2x17 1/2x9; WT: 40 LBS. PRICE: USED REPARABLE \$39.50 CHECKED \$55.00

OSCILLOSCOPE



TTMS-6EB-R.2B OSCILLOSCOPE USED WITH TELETYPE SYSTEM AS A RECEIVE UNIT, HAS A 3RP1 CATHODE RAY TUBE WITH CONTROLS FOR FOCUS, INTENSITY, AMPLITUDE, MODULATION RATE (RANGE AND VERNIER), AND UNIT CODE. ALSO SIGNAL, DISPLAY, AND TWO BALANCE CONTROLS. WITH SPIRAL-CIRCULAR TIME BASE SWITCH AND INPUT SWITCH. INDICATOR LIGHTS FOR SPEED AND POWER. NEEDS EXTERNAL POWER SUPPLY; VOLTAGES NOT KNOWN. WITH TUBES 3RP1, 9/12AU7, 3/12AX7, 2/12AT7. SIZE: 5 1/2x10 1/2x15 WT: 15 LBS PRICE: USED \$18.95



TS-497B/URR SIGNAL GENERATOR, 2 to 400 MHz. IN SIX BANDS. DESIGN ACCURACY $\pm 5\%$. OUTPUT VOLTAGE CONTINUOUSLY TUNEABLE FROM 0.1 TO 100,000 MICROVOLTS. GENERATES EITHER AM OR PULSED CARRIER. INTERNAL MODULATION 400 OR 1000 HZ; EXTERNAL MODULATION 50 TO 10,000 HZ. PERCENT MODULATION VARIABLE FROM 0 TO 30 PERCENT. OUTPUT IMPEDANCE 50 OHMS. POWER REQUIRED: 115 VAC 50/60 HZ. INCLUDES MANUAL, CABLES, FIXED ATTENUATOR AND SPARE PARTS. SIZE: $9\frac{1}{2} \times 19\frac{1}{2} \times 10\frac{1}{2}$ SHPG. WT: 65 LBS. PRICE: UNUSED, COMPLETE \$350.00



GRAB BOX ASSORTMENT OF NEW & USED USEABLE ELECTRONIC ITEMS CONSISTS OF PARTS AND ASSEMBLIES SUCH AS RESISTORS, CONDENSERS, MOTORS, TRANSFORMERS, CHOKES, COILS, CONTROL BOXES, CIRCUIT BOARDS, CHASSIS AND MANY OTHER ITEMS TOO NUMEROUS TO MENTION. PACKED IN A CARTON AND THE WEIGHT WILL BE AT LEAST 50 LBS. (A GOOD FILLER WHEN YOU ARE BUYING OTHER MATERIAL AND YOU DO NOT HAVE ENOUGH WEIGHT TO MAKE THE MINIMUM MOTOR FREIGHT CHARGE.) # GB-71 50 LB BOX \$5.00 --100 LBS. \$9.00

M-278 BALLOON; USED TO RAISE THE ANTENNA OF THE CRT-3 RESCUE TRANSMITTER WHEN LACK OF WIND DOES NOT PERMIT THE USE OF THE M-357 KITE. THE BALLOON IS MADE OF NEOPRENE AND IS SUPPLIED IN A CAN WITH A KEY FOR OPENING. WHEN INFLATED BY MEANS OF THE HYDROGEN GENERATOR AND INFLATING TUBE, DESCRIBED BELOW, THE DIAMETER WILL BE OVER 4 FEET. HAS 2 CORD LOOPS FOR ATTACHING ANTENNA AND RUBBER CORK STOPPER. SHPG. WT: 2 LBS. PRICE: \$4.95



GENERAL RADIO MODEL 1800-A VACUUM-TUBE VOLTMETER

A PORTABLE AND ACCURATE VTVM CAPABLE OF MEASURING ALTERNATING VOLTAGE AT FREQUENCIES UP TO SEVERAL HUNDRED MEGAHERTZ, AS WELL AS DC VOLTAGES OF EITHER POLARITY. DESIGN ACCURACY OF $\pm 2\%$. INCLUDED WITH THE UNIT IS A HIGH FREQUENCY PROBE SHIELDED AGAINST STRONG RF FIELDS. VOLTAGE RANGES: 0.1 TO 150 VAC IN SIX SCALES: 0.5, 1.5, 5, 15, 50 AND 150. AND 0.01 TO 150 VDC IN SIX SCALES: 0.5, 1.5, 5, 15, 50 AND 150. INPUT IMPEDANCE: AC CIRCUIT 25 MEGOHMS SHUNTED BY 4.3 UUF. CAPACITANCE; EQUIVALENT PARALLEL CAP. AT RF IS 3.1 UUF. WITH A RESONANT FREQUENCY OF 1050 MHZ. DC IMPEDANCE IS 10 MEGOHMS AND OPEN GRID. WITH TUBES 2/9003, 2/991, 6C4, 6X5, 6AT6, 6SL7, 6SU7 AND 3-4. LESS POWER CABLE (USES STANDARD AC PLUG). POWER REQUIRED: 115/230 VAC 50/60 HZ. WALNUT CASE. $7\frac{1}{2} \times 7\frac{1}{2} \times 11\frac{1}{2}$ 16 LB PRICE: USED REPARABLE \$30.00 CHECKED \$40.00



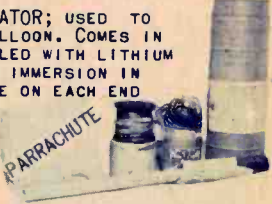
FSK CONVERTER

CV-278 FREQUENCY SHIFT CONVERTER USED TO CONVERT FREQUENCY SHIFT SIGNALS TO NEUTRAL OR POLAR MARKING OR DC IMPULSES. THE FREQ. SHIFT-KEYED (FSK) SIGNALS ARE RECEIVED FROM THE I.F. OF THE RECEIVER WITH A RANGE OF 450 TO 500 KC AND ARE CONVERTED TO DC IMPULSES AND USED FOR OPERATION OF TELETYPEWRITER OR REPERFORATOR MACHINES. CRYSTAL CONTROL BAND WIDTH 1500 CPS. WITH TUBES 2/26A5, 1/26A7, DIODES 1/IN63, 2/IN69. VOLTAGE REQ. 28 VDC @ 2.0 AMPS. SIG. INPUT METER 0-100 & DISC. 50-0-50 1-3/4" MICROAMP. SIZE: $9\frac{1}{2} \times 13\frac{1}{2} \times 7\frac{1}{2}$; WT: 23 LBS. USED \$24.50 - CONNECTOR PLUGS FOR INPUT OR OUTPUT \$2.00



M-278 BALLOON WITH M-315 HYDROGEN GENERATOR AND INFLATING TUBE.....\$10.00

M-315 HYDROGEN GENERATOR; USED TO INFLATE THE M-278 BALLOON. COMES IN A STEEL CYLINDER FILLED WITH LITHIUM HYDRIDE; OPERATED BY IMMERSION IN WATER; KEY AND TONGUE ON EACH END FOR OPENING CYLINDER. REQUIRES INFLATING TUBE FOR USE WITH BALLOON. SHPG. WT: 8 LBS.



M-315 HYDROGEN GENERATOR ONLY..... \$6.95
M-315 " " INFLATING TUBE 1.50
W-147/CRT-3 ANTENNA WIRE; CADMIUM-COPPER ALLOY 16 STRANDS X .040 MAX. DIA. 65 LB. TEST 306 FT. LG. WOUND ON SPOOL $2\frac{1}{2} \times 2\frac{1}{2}$. SHPG. WT: 1 LB \$2.95
M-308 SIGNAL LAMP LIGHT ASSEMBLY; 24 VOLT LAMP IN BAKELITE BASE WITH CLEAR POLYSTYRENE SHIELD WITH WEB STRAPS FOR STRAPPING TO HEAD. SIZE $3\frac{1}{2} \times 2\frac{1}{2} \times 9\frac{1}{2}$ " CORD FOR PLUGGING INTO TRANS. 4 oz. \$1.50
M-390 PARACHUTE; YELLOW NYLON 12 FT. DIAMETER 40 LB. CAPACITY, 16 NYLON SHROUDS 11 FT. LG. USED TO DROP RESCUE TRANSMITTER AND ACCESSORIES. UNUSED, NOT IN DROP PACK. SHPG. WT: 2 \$9.95
T-74/CRT-3 TRANSMITTER WITH ACCESSORIES \$75



TS-375 VACUUM TUBE VOLTMETER USED FOR MEASURING BOTH AC AND DC VOLTAGES. FULL SCALE RANGE 1.2/3/12/30/120 VAC-VDC ADDITIONAL DC SCALE TO 300 VOLTS. FREQ. RANGE 40 CYC TO 300 MC. WITH PROBES. SIZE: $10\frac{1}{2} \times 10\frac{1}{2} \times 6\frac{1}{2}$; WT: 20 LBS. PRICE: USED \$45.00

MD-203/GR MODULATOR FOR TRANSMITTER. PROVIDES FOR CONVERSION OF CW SIGNALS INTO FREQ. SHIFTED RADIOTELETYPE SIGNALS BY INTRODUCING SELECTABLE AMTS. OF FREQ. SHIFT INTO THE EXCITER CIRCUIT OF THE TRANS. SHIFT MAGNITUDE 850, 425.212 OR 106 CYCLE SEL. MANUALLY FROM FRONT PANEL. DESIGNED FOR USE WITH T-195/GRC 19 TRANS. CAN BE USED WITH ANY TRANSMITTER HAVING AN EXCITER OUTPUT WITH A FUNDAMENTAL FREQ. RANGE OF 1.5 TO 3 MC. AND A MINIMUM OUTPUT OF 1 VOLT. POWER REQ. 27.5 VDC @ 1.8 AMPS WITH TUBES 1/26A7, 5/26A6 AND 1/2606 SIZE: $9\frac{1}{2} \times 7\frac{1}{2} \times 13\frac{1}{2}$; WT: 25 LBS. PRICE: USED \$19.95



BE-77-B LINE UNIT DESIGNED FOR USE WITH TELETYPE EQUIPMENT OF DC NEUTRAL LINE SIGNAL TYPE. MEASURES AND ADJUSTS LINE CURRENT, ADJUSTS BIAS OF RECEIVED SIGNALS AND MEASURES THE VOLTAGE OF THE DC POWER SOURCE AND THE BIAS IN THE LINE SIGNALS. WITH $3\frac{1}{2}$ " RD. 100-0-100 SCALE MILLIAMMETER FS-1-0-1 MA. ALSO POLAR RELAY. POWER REQUIRED: 115 VAC 60 CYCLE SIZE: $6\frac{1}{2} \times 8\frac{1}{2} \times 6\frac{1}{2}$ SHPG. WT: 20 LBS. PRICE: USED, \$9.95. LESS POLAR RELAY \$7.95



TRANSCEIVER
BC-645/ABA-1 TRANSCEIVER ARMY-NAVY-AIR FORCE TRANSPONDER USED FOR FRIEND OR FOE IDENTIFICATION IN THE 460-490 MC BAND. COMPLETE WITH TUBES 4/7F7, 4/7H7, 2/7E6, 2/6F6, 2/955 & 1/316. SIZE: $11\frac{1}{2} \times 6\frac{1}{2} \times 14$; WT: 20 LBS.
BC-645/ABA-1 RECEIVER-TRANSMITTER MOUNTING FOR " 1.50
BC-646 CONTROL BOX MOUNTING FOR BC-646 CONTROL BOX. 1.95
PE-101 DYNAMOTOR 12/13-24/26 VDC; 12.6/6.3 AMPS. OUTPUT 400 VDC @ 135 MA 800 VDC @ 20 MA. 9V 80CYC. 1.12A. SIZE: $14\frac{1}{2} \times 7\frac{1}{2} \times 5$; WT: 13 LBS. NEW 7.95
UHF ANTENNAS 2 PER SET 1.95
PLUGS COMPLETE SET \$4.95 INDIVIDUAL 1.50
COMPLETE SET OF ALL ITEMS DESCRIBED ABOVE ALL BRAND NEW \$29.95
 THOUSANDS OF THESE SETS HAVE BEEN SOLD FOR COMVERSION TO THE 460-470 & 470-500 MC BANDS.



TS-352 MULTIMETER, PORTABLE GENERAL PURPOSE VOLT-OHM-METER. SENSITIVITY 1000 OHMS/VOLT AC-DC OR 20,000 OHMS/VOLT DC ONLY. AC-DC VOLT SCALES: 2.5/10/50/250/500/1000 VOLTS. DC AMP SCALE: 250 uA/2.5 mA/10 mA/50 mA/100 mA/500 mA/2.5-10 AMPS. RESISTANCE SCALE: Rx1/x10/x100/x1000/x10,000 OHMS WITH FOUR INCH METER FS=50 u-AMPS. JACK FOR 5000 VDC @ 20K OHMS/VOLT. WITH TEST LEADS. USES THREE 4 1/2 VOLT AND ONE 1/2 VOLT BATTERIES. SIZE: $1\frac{1}{2} \times 11\frac{1}{2} \times 10$ WT: 23 LBS. PRICE: USED, REPARABLE \$29.95. CHECKED \$39.95



I-181 RELAY TEST SET, WESTERN ELECTRIC # D-162269; PORTABLE CURRENT FLOW TYPE RELAY ADJUSTING SET USED TO MEASURE AND CONTROL CURRENT FLOW THRU RELAY WINDINGS OR SIMILAR ELECTROMAGNETIC UNITS. MAY ALSO BE USED AS DC MILLIAMMETER WITH RANGES OF 15, 75 AND 50 MA. CONTROLS FOR VARYING CURRENT; TERMINALS FOR WIRING RELAY UNDER TEST. REQUIRES 22 1/2 AND 45 VOLTS. SIZE: $6\frac{1}{2} \times 9\frac{1}{2} \times 5\frac{1}{2}$ WT: 10 LBS. PRICE: USED \$14.95



AG3 AUDIO GENERATOR, MFG. IN CANADA BY MEASUREMENT ENGINEERING. 35 KHZ IN THREE RANGES. FREQUENCY RESPONSE FLAT WITHIN ± 1 DB FROM 35 HZ TO 15 KHZ. POWER OUTPUT 1 WATT INTO 500 OHMS; OVER 25 VOLTS ON OPEN CIRCUIT. WITH TUBES 6SU7, 6SF5, 6K6, 6V6 AND 5U4. POWER REQUIRED: 115 VAC 60 HZ. SIZE: $18\frac{1}{2} \times 14\frac{1}{2} \times 8$ SHPG. WT: 60 LBS. PRICE: USED, COMPLETE, NOT CHECKED \$40.00



C-973/FRR-33 REMOTE SWITCHING CONTROL FOR REMOTE OPERATION OF AN/FRR-33 RADIO RECEIVING SET. UNIT INCLUDES A-F OSCILLATOR, A-F AMP, RELAY CONTROL SECTIONS, EACH WITH A 6AK6 TUBE. 115V. 60 CYCLE VOLTAGE REGULATED POWER SUPPLY HAS AN OUTPUT OF 5V @ 2 AMP, TWO (2) 275 VAC @ 80 MA, 25.2V @ .6 AMP, AND 6.3V @ 1.5 AMP. WITH TUBES 5Y3, 6AU6, 5651, 6082. ALSO UNIT INCLUDES DIAL FOR CHANNEL SELECTION POWER AND TUNING-IN-PROGRESS INDICATOR LIGHTS OFF-STANDBY-ON SWITCH, OUTPUT LEVEL AND TONE CONTROLS AND 600 OHM TELEPHONE CONNECTION. SIZE: $8\frac{1}{2} \times 10\frac{1}{2} \times 13$ WT: 25 LBS. PRICE: EXCELLENT SERVICEABLE \$18.95



GENERAL RADIO TYPE 874 VI VOLTMETER INDICATOR; MEASURES RECTIFIED DC OUTPUT OF CRYSTAL DIODES, RF DIODES, AND CALIBRATES THE CRYSTAL AT THE APPLIED LEVEL VOLTAGE. FREQUENCY RANGE 60 HZ TO 7.0 GHZ. CALIBRATING VOLTAGE ACCURACY: 0.1 TO 2.0 V. CRYSTAL CURRENT 0-200 u-AMPS. INCLUDES 2 1/2" 0-200 MICROAMMETER, DIRECTLY CALIBRATED DIAL, AND SCHEMATIC. POWER REQUIRED 115/230V. 50 -60 HZ. AC. SIZE: $5\frac{1}{2} \times 5\frac{1}{2} \times 3\frac{1}{2}$ WT: 6 LBS. PRICE: UNUSED \$24.95



RADIOSONDE
AN/AMT-2 RADIOSONDE, 403 MC FM. A SINGLE PACKAGE INSTRUMENT WHICH CARRIED BY A FREE BALOON, IS USED TO TRANSMIT METEOROLOGICAL INFORMATION TO A GROUND STATION. THE FREQUENCY MODULATION IS CONTROLLED BY A SENSOR MECHANISM CONTAINING ELEMENTS CONTROLLED BY PRESSURE, TEMPERATURE AND HUMIDITY TOGETHER WITH A COMMUTATOR ARRANGEMENT WHICH SETS UP A SEQUENCE OF SIGNALS. USES 2 TUBES AND REQUIRES 1.5, 6 & 115 VDC FOR OPERATION. W/TUBES, LESS BATT. SIZE: $4\frac{1}{2} \times 6\frac{1}{2} \times 6$ WT: 1 1/2 LB. PRICE: \$5.00



T-69F/AMT-2 RADIOSONDE TRANSMITTER ONLY. F-2 EMIS- SION (FM) 390 TO 410 MC RANGE WITH TUBES 5703 AND 5910. REQUIRES 8B-208 DRY CELL BATTERIES (SOLD SEPARATE). SIZE: $6\frac{1}{2} \times 5\frac{1}{2} \times 2\frac{1}{2}$ WT: 2 LBS. \$1.50
8B-208 DRY CELL BATTERY SET WT: 1 LB. \$.59



MICROWAVE GENERATOR



TS-147/UP MICROWAVE SIGNAL GENERATOR
PORTABLE UNIT DESIGNED TO TEST AND ADJUST RADAR, BEACON AND MICROWAVE COMMUNICATION SYSTEMS OPERATING IN THE FREQUENCY RANGE OF 8500 TO 9600 MC. PROVIDES EITHER FM OR CW TEST SIGNALS OF KNOWN POWER LEVEL AND FREQUENCY. THIS UNIT CONTAINS A DIRECT READING FREQUENCY METER AND POWER LEVEL METER WITH POWER REFERENCED TO ONE MILLIWATT (DBM). USED TO MEASURE FREQ. AND POWER LEVEL OF THE INPUT AND OUTPUT SIGNALS. SPECTRUM WIDTH, FREQ. CHANGE, RECOVERY TIME AND STANDING WAVE RATIO. CAN ALSO BE MODULATED EXTERNALLY. OPERATES FROM 115 VOLT 50-1600 CYCLES. LESS CABLES, PLUGS, ADAPTER, PICK-UP HORN. SIZE: 11x18x12; wt: 35 LBS.
TS-147A/UP.....\$49.50 USED
TS-147B/UP.....60.00 USED
TS-147D/UP.....75.00 USED



GENERAL RADIO SIGNAL GENERATOR MODEL 1021 250-920 MC
IN ONE BAND, DIRECT READING CALIBRATION 1%, OUTPUT VOLTAGE CONT. ADJ. .5 TO 1 VOLT OPEN CIRCUIT. OUTPUT IMP. 50 OHMS 10% AMPLITUDE MOD. ADJ. 0-50%, ENV. DIST. LESS THAN 5% AT 50% MOD. CARRIER NOISE LEVEL .2% MOD. STRAY FIELD LEAKAGE AND RESIDUAL OUTPUT VOLTAGE CANNOT BE DETECTED WITH A RECEIVER. 2-3 MV SENSITIVITY. POWER REQUIRED: 115/230 VOLT, 50-60CY. SIZE: 20x14x10; wt: 40 LBS. COND. USED PRICE: \$150.00 CHECKED FOR OPERATION \$25 EX.

ELECTRONIC MULTIMETER



TS-505/U ELECTRONIC MULTIMETER: PORTABLE VACUUM TUBE VOLTMETER AND DC OHM-METER DESIGNED TO MEASURE AC AND DC VOLTAGES AND RESISTANCE. AC METER IS PEAK INDICATING HOWEVER, IT IS CALIBRATED TO READ RMS VOLT. POWER REQ. 115 V 50-1600 CYC AND TWO 1.5 V. BATT. FOR OHMMETER SECTION. FREQ. RANGE 30 CYC TO 500MC
AC RMS VOLTS RANGES 0-2/4/10/20/40/100 & 200
DC VOLTS RANGES 0-2/4/10/40/100/200/400/1000
RESISTANCE OHMS RANGES 0-1000 MEGOHMS, 7 RANGES WITH AC RECTIFIER PROBE AND A DC PROBE. HANDLE IS USED FOR ADJUSTABLE STAND, EASY USE. SIZE: 11x13x13; wt: 20 LBS.
PRICE: USED REPARABLE \$30.00, CHECKED \$40.00

ME-6D/U V.T.V.M.



ME-6D/U ELECTRONIC MULTIMETER
THIS IS A HIGHLY SENSITIVE VTVM WHICH ACCURATELY MEASURES AC VOLTAGES FROM 500 MICROVOLTS TO 500 VOLTS IN SIX RANGES OVER THE FREQ. RANGE OF 15 CYCLES TO 250 KC PER SEC. THE DECIBEL RANGE IS -5 TO +17, A JACK IS PROVIDED TO INSERT PHONE PLUG SO UNIT CAN BE USED AS A FLAT WIDE-BAND AMPLIFIER. MAX. VOLT GAIN APPROX. 4500, RECT. APPROX. 250 VDC. TUELS 5879, 572E, 0A2, 2A12 & 2/6AH6, VOLTAGE REQ. 117 V. 50-400 CYCLE. ACCURACY 3%
SIZE: 5x6x11; wt: 12 LBS. USED \$29.95

ATTENUATORS

MX-1309/URV-23 POWER MEASURING; KIT OF WAVEGUIDE ATTENUATORS, ADAPTER, BALOMETER, CABLE & CHART, 1000 TO 4000 MC.
ATTENUATOR CN-110/U 10 DB
" CN-111/U 20 DB(2pc)
" CN-168/U 3 DB
" CN-169/U 6 DB
RF BALOMETER DT-76/U, "N" CON
ADAPTER CONN. UG-402/U
COAXIAL CABLE CG-92B/U w/UG-21 EA. END.
METAL CARRYING CASE, FITTED, SIZE: 19x5x14;
WT: 32 LBS. COMPLETE SET \$18.95



BC-221

FREQUENCY METER



THIS IS A SIMPLE ACCURATE AND RELIABLE CRYSTAL CALIBRATED FREQUENCY INDICATING INSTRUMENT FOR USE IN THE 125 TO 20,000 KC RANGE, WITH A NORMAL OPERATING ACCURACY OF LESS THAN .02%. CAN ALSO BE USED AS A SIGNAL GENERATOR OR VARIABLE FREQ. OSCILLATOR.

OPERATING VOLTAGE REQUIRED FOR DRY CELL OPERATION 6 VDC .9 AMP. & 135 VDC 20 MA.
SIZE: 10x13x10; wt: 25LBS.
UNITS MAY BE IN WOOD OR METAL CASES. VARIOUS LETTERS, COMPLETE WITH TUBES, CRYSTAL, ORIGINAL CALIBRATION BOOK. USED, REPARABLE \$60.00
PRICE: USED CHECKED FOR OPERATION \$70.00
BC-221 CHKD. WITH MODULATION

BC-221 FREQUENCY METER LESS CALIBRATION BOOK NOT CHECKED FOR OPERATION, OTHERWISE COMPLETE PRICE: \$45.00

CALIBRATOR



TS-102B/AP CALIBRATOR
RANGE CALIBRATOR PORTABLE PULSE GENERATOR WITH REPETITION FREQ. OF 400, 800, 1600, 2000, & 4000, MARKER AND SYNCHRONIZING PULSE, VARIABLE DELAY LINE PHASE ADJUSTMENT. OPERATES FROM 115 V. 50-1000 CYCLES WITH TUBES 2/6X4W, 3/6AG7, 6/5814, 2/UG273/U CONN. 4 CABLES w/UG-88B/U. SIZE: 16x10x11; wt: 28LBS.
PRICE: UNUSED \$14.95

LORAN TEST SET



TS-251 LORAN TEST SET
PORTABLE SIGNAL GENERATOR USED IN PRE-FLIGHT AND SHIPBOARD CHECKING OF LONG RANGE LORAN RECEIVERS. FREQUENCY RANGE 1700 TO 2010 KC PULSE SIGNAL. WITH TUBE 6J5, 6SJ7, 6SK7, 6SL7, 6X5 AND 6SN7. POWER REQ. 80/115/230 V. 50-1600CY
SIZE: 7x11x10; wt: 30 LBS.
PRICE: USED SERVICEABLE \$50.00 CHECKED \$60.

DIODE CRYSTAL CHECKER



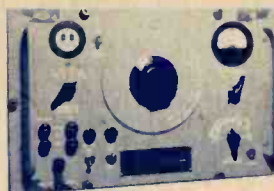
390A-3 TEST SET CRYSTAL CHECKER
FOR CERAMIC CARTRIDGE AND COAXIAL TYPES WITH NORMAL AND REVERSED POLARITIES. MINIMUM CONVERSION LOSS CAN BE PREDICTED FROM THE STATIC VOLTAGE CURRENT CURVE OF THE CRYSTAL, THEREFORE A TWO POINT DC MEASUREMENT OF VOLTAGES IS MADE OF THE CRYSTAL UNDER TEST AND THE RESULTANT DIFFERENCE IN CURRENT CALIBRATED IN MINIMUM AVAIL. CONVERSION LOSS. IN THE CALIBRATE POS. AND VARYING CONTROL ESTABLISHES THE VOLTAGE CURRENT CURVE, IN THE TEST POS. SHOWS THE INDICATED CURRENT ON THE CALIBRATED METER AS A FUNCTION OF THE MINIMUM AVAIL. CONVERSION LOSS. POWER SUPPLY ONE 1.5 VOLT BATTERY.
SIZE: 8x8x5; wt: 5 LBS. PRICE: USED \$9.95

URC-4 & URC-10 TEST SET & A.C. POWER SUPPLY



T-906 TEST SET FOR URC-4, URC-10, RT-285 AND RT-350 TRANSCEIVERS
CONTROLS TO CHECK FILAMENT VOLTAGES, PLATE VOLTAGE, FILAMENT CURRENT AND PLATE CURRENT
METER INDICATES WHETHER TRANSCEIVER IS PASSABLE. T-906 MIGHT ALSO BE USED AS A 115V. AC 60 HZ POWER SUPPLY FOR THE SETS. THREE TEST JIGS ARE INCLUDED FOR SPECIFIC UNITS. POWER REQUIRED 115V. 60 HZ. SIZE: 19x11x11; wt: 80 LBS. PRICE: NOT CHECKED \$35.00

TS-382 AUDIO OSCILLATOR



TS-382 AUDIO OSCILLATOR
FREQUENCY RANGE 20 TO 200,000 CPS IN FOUR BANDS, OUTPUT IMP. 1000 OHMS, AMPLITUDES CONTINUOUSLY VARIABLE 0-10 VOLTS, FREQ. RESPONSE 20 CPS. TO 150,000 CPS. APPROX. ±1 DB, FREQ. ACCURACY ±6%, STABILITY ±2%, HUM 60 DB BELOW RATED OUTPUT, ATTENUATOR ACCURACY 3% EXCEPT 10 MICRO. V. +2 OR -3 MICROVOLTS. POWER INPUT 115 V. 50-1600 CYC. OUTPUT 100 MW. WITH NINE TUBES, CALIBRATED TUNING DIAL, FREQ. RANGE SWITCH, OUTPUT LEVEL CONT. OUTPUT LEVEL ATTENUATOR, SIGNAL INPUT AND OUTPUT JACK, OUTPUT LEVEL METER, VIBRATING REED-TYPE METER USED AS AN ACCURATE CHECK OF THE OSC. CALIBRATION
SIZE: 18x10x12; wt: SHPG. 75 LBS.
PRICE: USED, REPARABLE \$60.00 CHECKED \$75.00



TS-323/UR FREQUENCY METER AND CRYSTAL CALIBRATOR, 20 TO 480 MC. PORTABLE SELF-CONTAINED CRYSTAL CONTROLLED HETERODYNE TYPE USED FOR TESTING CW, MCW AND PULSED SIGNALS. FUNDAMENTAL FREQ. RANGE 20 TO 40 MC. ACCURACY .005%, AUDIO 20 MW AT CHECK PTS. RADIO FREQ. OUTPUT 50-1000 MV. SENSITIVITY 50M VV SIG. GIVES AUDIO BEAT NOTE OUTPUT OF 10 MW. RANGE 2500 TO 500 MV. POWER REQUIRED 2 DRY BATTERIE BA-203 (6 vdc) AND 3 BA-59 (45 vdc).
SIZE: 15x12x10 wt: 35 LBS.
PRICE: USED REPARABLE \$50.00 CHECKED \$65.00
115 VOLT 60 CYCLE POWER SUPPLY \$24.95



TV-2/U DYNAMIC MUTUAL CONDUCTANCE ELECTRONIC TUBE TESTER FOR PORTABLE USE. GOVERNMENT SURPLUS UNIT USED TO TEST AND MEASURE PERFORMANCE CAPABILITIES AND TO DETERMINE REJECTION LIMITS FOR ELECTRON TUBES USED IN RECEIVERS, LOW-POWERED TRANSMITTERS AND OTHER ELECTRONIC EQUIPMENT. HAS PROVISIONS FOR CHECKING TUBES UP TO 9 PINS INCLUDING ACORN, NOVAL, 7 PIN TRANS., ETC. METERS 2" FOR READING FILAMENT, GRID, PLATE, SCREEN, SIGNAL AND TRANSDUCANCE (PERCENT QUALITY) WHICH IS 10,000 OHMS PER VOLT. ALL THE IMPORTANT TESTS CAN BE MADE ON THIS UNIT AND IT WILL ALSO TEST TUBES UNDER THE ACTUAL OPERATING CONDITIONS BY SETTING THE PROPER VOLTAGES THAT ARE INDICATED ON THE METERS. POWER REQUIRED: 103 TO 126V.; 50 TO 1600 CYCLES.
SIZE: 17x16x8; SHPG. WT: 45 LBS.
PRICE: USED SERVICEABLE \$55.00; CHECKED \$65.00
PARTS ARE AVAILABLE-TELL US WHAT YOU NEED

WAVE METER SCOPE OSCILLATOR

AN/UPM-1 WAVEMETER-OSCILLATOR SCOPE RADAR TEST UNIT FOR 155-235MC AND 460-570MC
CONTAINS PULSE AND SWEEP GENERATOR VIDEO AMP. 3" OSCILLOSCOPE, TWO WAVEMETER TWO OSCILLATORS. POWER REQUIREMENTS: 80, 115 OR 230 VOLTS AC. 60-1000 CYCLES. SIZE: 30x21x24 wt: 150 LBS.
USED \$39.50
DIPOLE ANTENNA FOR AN/UPM-1 USED \$9.95



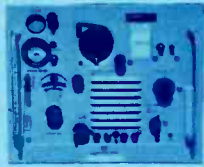
FREQUENCY POWER METER



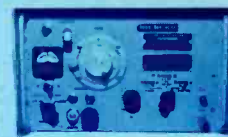
FREQUENCY POWER METER ME-51/UP
FREQUENCY COUNTER 1100-3999. CALIBRATED TO FREQUENCY 3100 MC TO 3500 MC. HAS 0-1.5 MA; 0-25MW METER. WITH CABLES, IN METAL CARRYING CASE.
SIZE: 8x9x9; wt: 18 LBS.
USED \$15.00

FR-4/U FREQUENCY METER

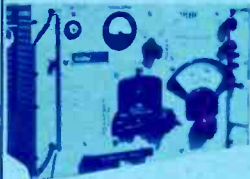
100 KHZ TO 20 MHZ IN SEVEN BANDS; PORTABLE GENERAL PURPOSE, HETERODYNE TYPE UNIT USED TO MEASURE AND CALIBRATE RECEIVERS AND TRANSMITTERS. A BLINKER LIGHT IS USED FOR MAKING ACCURATE ZERO-BEAT SETTINGS. CW RECEPTION. OSCILLATOR FREQUENCIES: 100 TO 250 KHZ (PROXY), 1250 KHZ (CRYSTAL), 10 KHZ (BLOCKING) AND 15 TO 20 KHZ (INTERPOLATION). WITH BUILT-IN OSCILLOSCOPE FOR INTERPOLATION. AUDIO POWER OUTPUT 2 MW MIN. ACROSS 600 OHMS. STABILITY .0001%, ACCURACY .001%. 115/230 V AC 50 TO 1000 HZ. SIZE: 15 $\frac{1}{2}$ x19x18 WT: 100 LBS. PRICE: USED, REPARABLE \$65.00 CHECKED \$85.00



TS-186D/UP FREQUENCY METER, PORTABLE, GENERAL PURPOSE, CRYSTAL-CONTROLLED, HETERODYNE-TYPE, WHICH CAN BE OPERATED WITH BOTH VISUAL AND AURAL SIGNAL INDICATION WITH A BEAT-INDICATING METER, HEADPHONES, AND VIDEO OUTPUT JACK FOR AN OSCILLOSCOPE. 100 TO 10,000 MC FREQ. RANGE; ACCURACY .01%. SIGNAL INPUT: 500 UV TO 1 VOLT; AUDIO SIGNAL OUTPUT: 10 U-WATTS TO 20 MW @ 600 OHMS IMPED. SENSITIVITY: 1000 UV INPUT SIGNAL IN 500 TO 1250 MC RANGE PRODUCES 20 MILLIWATT AUDIO-OUTPUT SIGNAL. POWER REQUIRED: 115 VAC 50-1000 CYCLES. SIZE: 9 $\frac{1}{2}$ x8 $\frac{1}{2}$ x20 WT: 50 LBS. PRICE: USED REPARABLE \$65.00 CHECKED \$90.00



AN/URM-32 FREQUENCY METER: 125 KC TO 1000 MC IN THREE RANGES, CAN ALSO BE USED AS A SIGNAL GENERATOR WHICH PROVIDES A CHOICE OF MODULATED OR UNMODULATED SIGNALS FOR TESTING AND CALIBRATING RADIO EQUIPMENT. SENSITIVITY WITH AN RF OUTPUT OF .05 MW MINIMUM IS OBTAINED. ACCURACY .01%, RF 100 UV MINIMUM ACROSS EXTERNAL 50 OHM RESISTIVE LOAD. FIVE TUBE HETERODYNE TYPE, POWER REQ. 6 VDC 1 AMP. 180 VDC 25 MA., DRY BATTERY OR AC SUPPLY CAN BE USED. METER IS USED TO READ P.S. VOLTAGES. W/CALIBRATION BOOK SIZE: 13 $\frac{1}{2}$ x12x13 $\frac{1}{2}$; WT: 29 LBS. PRICE: USED REPARABLE \$125.00 CHECKED \$150.00 115 v. 60 CYC POWER SUPPLY " 25.00

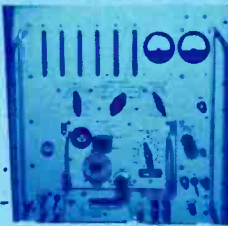


FR-6/U FREQUENCY METER 100 TO 500 HZ, HETERODYNE TYPE COMPRISING VARIABLE TUNED INTERPOLATION OSC. ADDED TO A FIXED HARMONIC CRYSTAL OSCILLATOR. THIS METHOD ELIMINATES UNWANTED HARMONICS. AN LC TYPE AUDIO-MODULATOR MODULATES THE FILTERED AMPLIFIER IF SIGNAL AND THE AUDIO IS FED INTO THE HEADPHONE JACKS. RECEIVES CW; FUND. FREQ. RANGE 4.166-4.34 STANDARD FREQ. AVAILABLE 4.0 MHZ. STABILITY .0001%, ACCURACY .001%. WITH CALIBRATING SCALE, USES BNC CONNECTORS. REQUIRES 115/230V 50 TO 1000 HZ. SIZE: 12 $\frac{1}{2}$ x19x15 WT: 60 LBS. PRICE: USED, REPARABLE \$65.00 CHECKED \$85.00

FR-5/U FREQUENCY METER; SIMILAR TO FR-6 EXCEPT 10 TO 100 MHZ. A FEW AVAILABLE. PRICE: USED, REPARABLE \$65.00 CHECKED \$85.00

FR-38 FREQUENCY METER

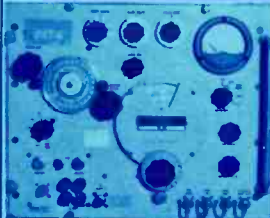
FR-38 FREQUENCY METER AND COUNTER; GENERAL PURPOSE UNIT SIMILAR TO HEWLETT-PACKARD 5248. USED TO MEASURE FREQUENCY AND TIME INTERVALS. FREQ. RANGE: 10 HZ. TO 10 MHZ; CAN BE EXTENDED WITH PROPER PLUG-INS TO 510 MHZ. TIME INTERVAL: .001 SEC TO 10 SEC. CAN BE EXTENDED FROM 1.0 U-SEC TO 100 DAYS WITH PROPER PLUG-IN. FR-38 CONSISTS OF A SIGNAL GATE, A TIME BASE SECTION, A GATE SECTION AND 6-DECADE COUNTER. RECEIVES CW OR PULSED. ACCURACY @ 1 TO 3000 HZ .03%; @ 3000 HZ TO 10 MHZ .001%. POWER REQUIRED: 115V AC 50 - 1000 HZ. SIZE: 19 $\frac{1}{2}$ x19x18 $\frac{1}{2}$ WT: 125 LBS. PRICE: USED, REPARABLE \$125.00 CHECKED \$175.



FR-38 WITH HEWLETT-PACKARD 5258 FREQUENCY CONVERTER WHICH EXTENDS RANGE TO 100-220 MHZ. \$50.00 ADDITIONAL.

TV-7/U TUBE TESTER

TV-7/U ELECTRON TUBE TESTER, PORTABLE DYNAMIC MUTUAL CONDUCTANCE TYPE. USED TO TEST AND MEASURE THE PERFORMANCE CAPABILITIES AND TO DETERMINE THE REJECTION LIMITS FOR ELECTRON TUBES USED IN RECEIVERS, LOW-POWER TRANSMITTERS AND IN MANY OTHER ELECTRONIC EQUIPMENT. THE TESTS MADE ARE FOR DYNAMIC MUTUAL CONDUCTANCE, EMISSIONS, SHORTS, GAS, NOISE, CONTINUITY, PILOT LAMP, ETC. TEST SOCKETS ARE FOR LOCTAL, OCTAL, 4, 5, 6, 7 PIN, NORVAL 9, 7 PIN MINIATURE, SUB-MINI RD. AND FLAT, ACORN, ETC. WITH SPECIAL ADAPTERS (OPTIONAL) 829, 832, 2C39 AND SUB-MINI TUBES WITH LONG LEADS CAN ALSO BE TESTED. POWER REQUIRED: 115 VOLT, 50 TO 1000 CYCLES. TUBE TEST DATA CHARTS, TEST LEADS AND PIN STRAIGHTENERS FOR 7 AND 9 PIN ARE INCLUDED. SIZE: 6 $\frac{1}{2}$ x8 $\frac{1}{2}$ x15 $\frac{1}{2}$; WT: 20 LBS. PRICE: USED SERVICEABLE \$19.95 CHECKED \$29.95 ADAPTER FOR 2C39 \$5; FOR 829/832 \$5; FOR SUB-MINI LG. LEAD \$3.00 TV-7, LESS DATA BOOK, LEADS, PIN STRAIGHTNER, WATER DAMAGE, BUT TRANSFORMER OK, \$10.00

SIGNAL GENERATOR

TS-403 SIGNAL GENERATOR, SIMILAR TO HEWLETT-PACKARD 616B 1.8 TO 4.2 GC DIRECTLY CALIBRATED FREQ. CALIBRATION ACCURACY \pm 1%. OUTPUT RANGE OF 1 MW OR .223V TO 0.1UV INTO 50 OHM LOAD IS DIRECTLY CALIBRATED AND CONTINUOUSLY MONITORED. INTERNAL MODULATION 40 TO 4000 HZ; EXTERNAL PULSE MOD. REQUIREMENTS 40 TO 70V POS. OR NEG., WIDTH 1 U-SEC TO 2500 U-SEC, MAY BE SQUARE WAVE MODULATED. POWER REQUIRED: 115/230V 50-1000 HZ. PORTABLE UNIT WITH COVER. SIZE: 17 $\frac{1}{2}$ x13 $\frac{1}{2}$ x13 $\frac{1}{2}$ WT: 65 LBS. PRICE: USED, REPARABLE \$85.00 UNUSED \$125.

FREQUENCY STANDARD

TS-65C/FMQ-1 FREQUENCY STANDARD; PORTABLE, LOW AUDIO FREQUENCY GENERATOR UTILIZING A TUNING FORK OSCILLATOR TO CONTROL BASIC FREQUENCY ACCURACY AND STABILITY. PHOTOELECTRIC SYSTEM AND LIGHT BLANKING DIAL GENERATE ELEVEN FIXED FREQUENCIES OF 10, 20, 40, 60, 80, 100, 120, 140, 160, 180, AND 190 HZ. OUTPUT VOLTAGE MAX. 45 $\frac{1}{2}$ V. WAVE SHAPE: NEGATIVE GOING PULSE; IMPEDANCE: 50K OHMS, OUTPUT LOADING: 250K OHM ACCURACY: .05% OVERALL. POWER SUPPLY: 110 TO 135 V. 50-65 CYC. 35 WATTS, SINGLE PHASE. SIZE: 8 $\frac{1}{2}$ x7 $\frac{1}{2}$ x15 $\frac{1}{2}$ WT: 30 LBS. PRICE: USED REPARABLE \$34.95

NOISE GENERATOR

RG-52 MICROWAVE MEGATRON NOISE GENERATOR WITH POWER SUPPLY. USED FOR THE MEASUREMENT OF NOISE FIGURE OR RECEIVER GAIN AND FOR THE CALIBRATION OF STANDARD SIGNAL SOURCES. FLUORESCENT GAS TUBE GIVES 8200 MHZ TO 12400 MHZ FREQUENCY RANGE. HAS THERMOMETER ATTACHED TO AID IN ADJUSTING THE WAVEGUIDE. THE NOISE POWER OUTPUT IS 15.8 DB. WITH AN MOUNTING FLANGE UG-39/U. POWER SUPPLY INPUT 115V. 50-60 HZ. WAVEGUIDE SIZE: 16x5 $\frac{1}{2}$ x1 $\frac{1}{2}$ WT: 2 $\frac{1}{2}$ LBS. POWER SUPPLY SIZE: 11 $\frac{1}{2}$ x7x7 WT: 15 LBS. PRICE: WAVEGUIDE W/POWER SUPPLY, UNUSED \$25.

TS-170/ARN-5 TEST OSCILLATOR USED FOR PRE-FLIGHT CHECKING OF GLIDE PATH RECEIVERS SENSITIVITY AND AUDIO CHANNELS. CRYSTAL CONTROLLED ON THREE PRESELECTED FREQ. 332.6, 333.8, 335 MC. MODULATION FREQ. 90 & 150 CYC. METER IS 2" 0-1 DC MILLIAMMETER. BATTERIES REQUIRED 2/1.5 VDC AND 2/45 VDC. WT: 29 LBS. SIZE: 12x16x12; UNUSED \$29.50

**TS-148 SPECTRUM ANALYZER**

TS-148/UP SPECTRUM ANALYZER; 8470 TO 9630 MHZ. PROVIDES VISUAL INDICATION OF RF OSCILLATOR SPECTRA. MAY ALSO BE USED TO MEASURE FREQUENCIES OF RESONANT CAVITIES, ECHO BOXES, MAGNETRONS AND LOCAL OSCILLATORS IN FREQ. RANGE. RECEIVES CW AND PULSED; TRANSMITS CW AND FM CARRIER WAVE. CONTINUOUSLY VARIABLE SWEEP FREQ. FROM 10 TO 30 CYCLES. MAX. SPECTRA DISPERSION 1.5 MHZ PER INCH. SENSITIVITY TO CW (SPECTRUM AMPLIFIED POSITION) -80 DB BELOW 1 WATT/IN. DEFLECTION; SENSITIVITY TO CW (SPECTRUM POS.) 55 DB BELOW 1 WATT/IN. DEFLECTION. ONE MILLIWATT POWER OUTPUT. WITH FREQ. METER, FREQ.-SWEEP RF OSCILLATOR, CRYSTAL MIXER, NARROW BAND I-F

WITH TUBES 2K25 2X2, 3BP1 5R4, 6AC7, 6SA7, 6Y6, 3/6SJ7, 3/6SM7, 884 & 4/991. Pow. REQ. 115v 60c SIZE: 19x13 $\frac{1}{2}$ x25; WT: 45 LBS. PRICE: TS-148/UP USED \$39.50 UNUSED \$49.50

AN/UPM-33 COMPLETE SPECTRUM ANALYZER CONSISTING OF TS-148/UP DESCRIBED ABOVE AND ALL THE ACCESSORIES DESCRIBED BELOW USED \$70.00 UNUSED \$80.00

AN/UPM-33 & TS-148/UP WAVEGUIDES & ACCESSORIES WAVEGUIDES HAVE 3/8 X 15/16 OPENINGS AND 1-5/8" MOUNTING FLANGES.

CG-182 18" LONG FLEXIBLE WAVEGUIDE. \$4.95
CG-176 DIRECTIONAL COUPLER (WAVEGUIDE SELECTOR; W/TYPE N CONNECTOR, 5x2 \$6.95
UG-183 WAVEGUIDE TO COAXIAL ADAPTER WITH TYPE N CONNECTOR. 2-3/8x1 $\frac{1}{2}$ \$2.95
UG-144 CHOKE TO CHOKE ADAPTER PLATE \$1.00
AT-68 PICK-UP HORN, 9.4 DB GAIN, TYPE N CONN. INPUT. 3 $\frac{1}{2}$ " LONG. \$5.95
CG-92 ANTENNA HORN CABLE, 6' L \$1.75
CX-464 MIXER INPUT CABLE W/(2) PL-55 \$1.00
TS-148 OR UPM-33 MANUAL \$8.50
TRANSIT CASE F/UPM-33 25x12x19 \$10.00

SCOPE PLUG-INS

TEKTRONIX TYPE OSCILLOSCOPE PLUG-IN UNITS FOR USE WITH TEKTRONIX OR LAVOIE SCOPE SERIES 530, 540 OR 550. VARIOUS MANUFACTURERS; SOLD AS USED, COMPLETE-REPARABLE. CHARACTERISTICS GIVEN FOR 545.

TYPE B WIDE-BAND HIGH-GAIN, DC TO 20 MHZ, 18 N-SEC RISE TIME AT 50 MV/CM TO 50V/CM. 2 HZ TO 12 MHZ, 30 N-SEC RISE TIME AT 5 MV/CM TO 50 MV/CM. HICKOK MFG. \$35.00

TYPE D HIGH-GAIN DC DIFFERENTIAL, DC TO 300 KHZ AT 1 MV/CM, INCREASING TO 2 MHZ AT 50 MV/CM. TEKTRONIX MFG. \$40.00

TYPE E LOW-LEVEL DIFFERENTIAL, .06 HZ TO 20 KHZ AT FULL GAIN, INCREASING TO 60 KHZ AT 0.5 MV/CM. HICKOK MFG. \$40.00

TYPE 53/54 K, FAST-RISE DC, DC TO 30 MHZ, 12 N-SEC RISE TIME AT 50 MV/CM TO 20 V/CM. TEKTRONIX MFG. \$30.00

TYPE L FAST-RISE HIGH-GAIN, DC TO 30 MHZ, 12 N-SEC RISE TIME AT 50 MV/CM TO 40 V/CM, 3 HZ TO 24 MHZ, 15 N-SEC RISE TIME AT 5 MV/CM TO 4 V/CM. LAVOIE MFG. \$45.00

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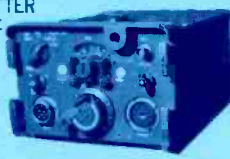
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RT-70 RECEIVER-TRANSMITTER
47 to 58.4 MHz FM VOICE COMMUNICATIONS. FEATURES CONTINUOUS TUNING OR TWO PRE-SET CHANNELS AND PUSH-TO-TALK TRANSMISSION. THE RECEIVER CIRCUIT IS THE DUAL CONVERSION TYPE WITH THE 1ST IF 1.4 MHz AND THE 2ND IF 1.4 MHz. WITH VARIABLE SQUELCH CONTROL. 600 OHM AUDIO OUTPUT IMPEDANCE. THE TRANSMITTER CIRCUIT HAS A 500 MW OUTPUT AND AN AUDIO INPUT IMPED. OF 150 OHMS. POWER REQUIRED: 90 VDC @ 80 MA, 6.3 @ 360 MA AND 6.3 @ 160 MA. WITH TUBES: 6/1U4, 3/1L4, 2/1R5, 1S5, 1AE4, 4/3Q4, 3A5, AND 3B4. RELATED ACCESSORY EQUIPMENT LISTED ELSEWHERE. SIZE: 4 1/2 x 13 x 8 WT: 20 LBS. USED \$22.95



ME-61/GRC FIELD STRENGTH METER, 1.4 TO 24 MHz IN 3 RANGES, WITH VARIABLE TUNING, SENSITIVITY CONTROL, 1-3/4" SQ. METER, PHONE JACK & ANTENNA. SIZE: 5x5x4 1/2 WT: 5 LBS. NEW \$34.95



F-237/GRC-10 BAND PASS FILTER FOR 54 TO 70.9 MHz. CONT. TUNING 250 KHZ BANDWIDTH @ 3 DB PTS. 4.5 MHz @ 40 DB IN-OUT IMPED. 50 OHM. REDUCES CROSS-TALK WHEN REC. AND TRANS. ARE ON THE SAME FREQUENCY. SIZE: 11x11 1/2 x 5 WT: 15 LBS. NEW \$29.95



AM-65/GRC AUDIO FREQUENCY AMPLIFIER; THREE CHANNEL AUDIO FREQ. AMPLIFIER USED FOR INTERPHONE AND MONITORING OF VARIOUS TYPE GRC REC-TRANS. POWER REQUIRED: 135 VDC @ 35 MA AND 6, 12 OR 24 VDC. SIZE: 4 1/2 x 13 x 8 WT: 17 LBS. USED \$14.95



LS-166/U LOUDSPEAKER, HEAVY DUTY SPEAKER 4" MOUNTED IN ALUMINUM CASE WITH UG-77 PLUG ON 6 FOOT CORD, 600 OHM INPUT TO 8 OHM VOICE COIL. ALSO HIGH-LOW SWITCH. 5x5x3 1/2 WT: 5 LBS. U \$8.95



PP-282/GRC 24 VDC POWER SUPPLY USED WITH THE AM-65 AND RT-70. THIS UNIT PLUGS INSIDE THE AM-65 AND SUPPLIES THE VOLTAGES FOR BOTH AM-65 AND RT-70. SIZE: 4 1/2 x 6 x 3 WT: 6 LBS. USED \$5.95

RT-176/PRC-10 RADIO RECEIVER-TRANSMITTER; PORTABLE UNIT OPERATING FROM 38 TO 54.9 MHz FM VOICE COMMUNICATIONS. THE RECEIVER SECTION HAS AN IF OF 4.3 MHz AND AN AUDIO OUTPUT IMPED. OF 600 OHMS. TRANSMITTER OUTPUT IS 0.9 WATTS WITH A NORMAL RANGE OF ABOUT FIVE MILES. MICROPHONE INPUT IMPED. 150 OHMS. BOTH RECEIVER AND TRANSMITTER SECTIONS ARE CONTINUOUSLY TUNEABLE. WITH CONTROLS FOR VOLUME, TUNING, SQUELCH, POINTER ADJUST AND DIAL LOCK. CONNECTOR FOR EXTERNAL SPEAKER. WITH TUBES 9/5678, 2/5672, 3/5676, 1A04 AND 5A6. POWER REQUIRED: 135 VDC, 67 VDC AND 1 1/2 VDC. LESS BATTERY CASE. ACCESSORIES LISTED ELSEWHERE. SIZE: 9 1/2 x 3 x 10 1/2 WT: 9 LBS. USED \$19.95



RT-68/GRC RECEIVER-TRANSMITTER, 38 TO 54.9 MHz RANGE CONTINUOUSLY TUNEABLE OR 100 KHZ-STEP DECENT CHANNELS OR TWO PRE-SET CHANNELS. RECEIVES AND TRANSMITS BOTH VOICE AND 1600 HZ RINGING FM SIGNALS. THE OVERALL COMMUNICATION RANGE IS FROM 10 TO 15 MILES. THE RECEIVER CIRCUIT IS A DUAL-CONVERSION SUPERHETERODYNE TYPE WITH THE 1ST IF VARIABLE FROM 4.45 TO 5.45 MHz AND THE 2ND IF FIXED AT 1.4 MHz. THE RECEIVER HAS A VARIABLE SQUELCH CONTROL AND A 600 OHM OUTPUT IMPEDANCE. THE TRANSMITTER CIRCUIT USES A CRYSTAL-CONTROLLED OSCILLATOR AND OSCILLATOR POWER AMP AND PUTS OUT 2 WATTS ON LOW POWER VOLTAGE; OR 16 WATTS ON HIGH POWER VOLTAGES SUPPLIED FROM THE POWER SUPPLY SOLD SEPARATELY. THE RT-68 ALSO PROVIDES A METER AND TEST SWITCH TO MONITOR TRANSMITTER POWER OUTPUT FILAMENTS AND THE 90 VOLT INPUT. WITH TUBES 4/1U4, 2/1A3, 2/1L4, 4/1R5, 2/1AE4, 1S5, 4/3Q4, 3/3A5, 2/3B4, 3A4, 6AK5 AND 2E24. SIZE: 9x13x11 1/2 WT: 42 LBS. USED \$75.00

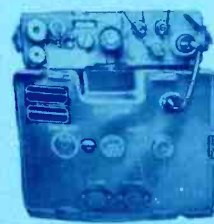


COMBINATION OFFER
WHEN THE RT-70, AM-65 AND PP-282 ARE PURCHASED TOGETHER. ALL THREE FOR \$35.00

R-110/GRC RADIO RECEIVER 38 TO 55 MHz FM VOICE OR TONE. THE R-110 IS A SINGLE CONVERSION RECEIVER WITH AN IF OF 4.3 MHz AND IS CONTINUOUSLY TUNEABLE ACROSS THE BAND. WITH VARIABLE SQUELCH CONTROL AND HAS AN AUDIO OUTPUT IMPEDANCE OF 600 OHMS. WITH TUBES 3/1U4, 2/1L4, 1A3, 1S5, 2/3A5, 2/3Q4, 2/6AK5 AND 0B2. POWER REQUIRED: 135 VDC @ 70 MA AND 12 V @ 2 AMPS. SIZE: 9x13x7 1/2 WT: 32 LBS. USED \$59.50
R-108 RECEIVER, SAME AS R-110 REC. ABOVE EXCEPT 20-28 MHz. USED \$49.50
R-109 RECEIVER, SAME AS R-110 REC. EXCEPT IT COVERS 27-39 MHz RE-NEW \$65.00



RT-175/PRC-9 SAME AS PRC-10 EXCEPT 27 TO 38.9 MHz. USED \$24.95 Gov't. RE-COND. \$29.95
AM-598 AMPLIFIER-POWER SUPPLY, PICTURED WITH PRC-10. OPERATES FROM 24 VOLT SOURCE AND FACILITATES HEADSET OR SPEAKER MONITORING. PRC-8,9 OR 10 PLUGS DIRECTLY INTO TOP. WITH TUBES 2/2E66, 2/12AT7, 2E25 AND 0C3. SIZE: 11 1/2 x 11 1/2 x 10 1/2 WT: 38 LBS. USED \$18.95



RT-66/GRC RECEIVER-TRANSMITTER SAME AS RT-68 ABOVE EXCEPT 20-27.9 MHz RANGE. USED \$59.50
RT-67/GRC RECEIVER-TRANSMITTER SAME AS RT-68 ABOVE EXCEPT 27-38.9 MHz RANGE. RE-NEW \$75.00

PP-282 POWER SUPPLY 24 VDC FOR R-108, 109 AND R-110 RECEIVERS. PLUGS INSIDE OF RECEIVER. PRICE: USED \$5.95
AC POWER SUPPLY 115 v. 60 CYCLE FOR R-108, 109 AND 110 WITH SPEAKER AND CONNECTING CABLES. (NOT SURPLUS) SIZE: 5x8x4; 5LBS \$25.00

ACCESSORIES

- BATTERY CASE CY-744/PRC.....Used \$3.00
- AT-272A GOOSENECK ANTENNA BASE...New \$1.50
- AT-272 RIBBON ANTENNA SECTION....Used \$1.50
- AM-598 SHOCKMOUNT.....Used \$2.00
- H-33/PT HANDSET w/UG-77 PLUG AND CABLE, FITS ALL EQUIPMENT IN THE GRC AND VRC SERIES, PLUS MANY OTHERS. PRICES USED \$5.95 NEW \$8.95
- M-29/U MICROPHONE w/UG-77 & CABLE USED \$3.95
- CONNECTOR PLUGS FOR ALL GRC, VRC SERIES UNITS \$2.00 EACH PLUG, DOUBLE PLUG & GABLE \$4.95
- SOME MOUNTINGS AND OTHER ITEMS AVAILABLE FOR THIS EQUIP. TELL US WHAT YOU NEED, PLEASE!

PP-112/GRC 24 VOLT POWER SUPPLY FOR THE RT-66, 67 AND 68 SERIES RECEIVER-TRANSMITTERS. THIS UNIT SUPPLIES ALL THE NECESSARY VOLTAGES FOR THE RECEIVER AND TRANSMITTER CIRCUITS. INCLUDES LOW AND HIGH POWER SWITCH FOR THE TRANSMITTER SECTION. SIZE: 9x13x7 1/2 WT: 38 LBS. USED \$24.95

- TECH MANUALS WITH SCHEMATICS FOR:**
- RT-196/PRC-6...\$7.50
 - PRC-8,9 & 10...\$7.50
 - RT-66,67 & 68...\$5.00
 - RT-70...\$5.00
 - R-108, 109 & 110...\$7.50
 - AM/GRC-3-8, CONTAINS INFO AND SCHEMATICS FOR RT-66,67,68, RT-70, R-108,109,110, AM-65 AND PP-109 & 112...\$8.50
 - AM-598...\$3.00
 - PP-109 & 112...\$5.00
 - AM-65...\$5.00

AT-249/GRD ANTENNA, UNSHIELDED LOOP TYPE USED AN EFFECTIVE HOMOING DEVICE. CONTINUOUSLY TUNEABLE FROM 47 TO 55.4 MHz WITH BUILT-IN "SENSE" AND "NORMAL" SWITCH. OUTPUT CONTROLLED BY FOUR-STEP ATTENUATOR. SIZE: 20 1/2 x 33 x 14 1/2 7 LBS. UNUSED w/CARRING BAG \$4.95 MANUAL \$3.00





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COMPUTER



B-29 COMPUTER TESTER USED TO CHECK THE FIRE CONTROL SYS. THIS UNIT CONTAINS A VOLT-OHM METER WITH ONE OHM RANGE 300 OHM CENTER SCALE, AC; 3, 30, 150, 300. DC: 3, 30, 150. MILLIAMPMETER 2.5MA AND 25 MA. 2/2J1F1 400CYC SELSYN 1/2J1H1 SELSYN 400CYCLE WHICH WILL OPERATE ON 36V 60CYC. 11/WAFER SWITCHES 6/POTENTIOMETERS, 8/TOGGLE SWITCHES, 1/FIVE PUSHBUTTON SWITCH, PLUS OTHER PARTS ALL IN A 19x12x16 1/2 IN LUGGAGE STYLE CASE WITH 4 FIVE FOOT CABLES AND CONNECTORS. SH. WT. 50 LBS. PRICE, LIKE NEW \$22.50

BOOSTER



G4M AMMUNITION BOOSTER ASSEMBLY; GEARED MOTOR MOUNTED IN A "U" TYPE FRAME WITH THE SHAFT AND SPROCKETS INSIDE THE "U", SPROCKETS ARE 3 3/8" DIA. & 3 3/8" APART. MOTOR OPERATES FROM 24 VOLT 400 CYC 3 PHASE BUT BY USING 4 MFD. CAPACITOR MOTOR WILL OPERATE FROM 24 V. 60 CYC AT 20 RPM FOR SPR-OCKETS, USE OF HIGHER CAPACITY WILL INCREASE RPM AND TORQUE. (INSTRUCTIONS FURNISHED) OUTER FRAME OF STAINLESS STEEL EASILY REMOVED MOTOR & "U" FRAME SIZE 7 1/2 x 2 1/2 x 5 1/2; WT: 10 LBS. GE#T-9160256-G4M UNUSED \$4.95

RADAR INDICATOR



1P-291/MPA-4 INDICATOR ELEVATION; CONSISTS OF AM-1078A/M AMPLIFIER-VIDEO & O-298/MPA-4 GENERATOR SWEEP WITH CR TUBE 5ADP1, 2/6AG7, 3/5814, 2/6AH6, 6AL5, 6AU6, 5670 & 5687. CONTROLS ON FRONT PANEL WHICH IS SLANT ED, SWEEP LGHT, INTENSITY, FOCUS AND IMAGE SPACING OFF-NOR-SEL/SIG. ALSO HAVE 2/23TR4 SYNCHRO RECEIVERS THAT OPERATE FROM 115 V. 400 CY NO POWER SUPPLY OF ANY KIND IN UNIT, NO CASE SIZE: 8 1/2 Wx 14 D PANEL, LENGHT TOP 22 1/2, BOTTOM 23 1/2; WT: 35 LBS. PRICE: UNUSED WITH SYNCHROS \$35.00 LESS " 19.95

COUPLER

ANTENNA COUPLER FOR REMOTE OPERATION. RANGE APPROX. 2 TO 24 MC. 200 WATTS. MOTOR-IZED VARIABLE VACUUM CAPACITOR 300 MMF. 7500 VOLTS. ALSO ROTARY INDUCTOR, SERVO MOTORS, FAN, 10 PLATE TYPE RELAYS, SWITCHES, CAPACITORS, RESISITOR TUBES 4/5727, 2/5670, 3/6201 ETC.



SIZE: 24x7x8; WT. 25 LBS. #5821-658-3692 PRICE: USED \$29.95

AUDIO

TS-629B/U AUDIO LEVEL TEST PANEL DESIGNED TO ACCURATELY MEASURE AUDIO VOLUME LEVELS IN BROADCASTING, SOUND RECORDING AND RELATED USES. AUDIO LEVEL INDICATING RANGE AS BRIDGING INSTRUMENT -20 TO +20 DB, AS A TERMINATING INSTRUMENT -40 TO +20 DB, REF LEVEL 0 VU (1 MW INTO 600 OHMS) INPUT IMPEDANCE: TERMINATING CONNECTION 600 OHMS. BRIDGING CONNECTION 12,500 OHMS. FREQUENCY RESPONSE 40.1 DB FROM 200-10,000 CPS; ±0.5 DB FROM 30-15,000 CPS. TUBES 6AG7, 6X5, 0D3 FOR RACK MOUNTING. 19 1/2 x 9 x 5. VOLTAGE REQUIRED 120 VOLTS 60 CPS SH. WT. 22 LBS. PRICE USED \$39.50



ME-6D/U V.T.V.M.



ME-6D/U ELECTRONIC MULTIMETER THIS IS A HIGHLY SENSITIVE VTVM WHICH ACCURATELY MEASURES AC VOLTAGES FROM 500 MICROVOLTS TO 500 VOLTS IN SIX RANGES OVER THE FREQ. RANGE OF 15 CYCLES TO 250 KC PER SEC. THE DECIBEL RANGE IS -5 TO +17, A JACK IS PROVIDED TO INSERT PHONE PLUG SO UNIT CAN BE USED AS A FLAT WIDE-BAND AMPLIFIER. MAX. VOLT GAIN APPROX. 4500, RECT. APPROX. 250 VDC. TUBES 5879, 5726, 0A2, 2A12 & 2/6AH6, VOLTAGE REQ. 117 V. 50-400 CYCLE. ACCURACY 3% SIZE: 5 1/2 x 6 3/4 x 11 1/2; WT: 12 LBS. USED \$39.50

COMPARATOR



CM-167/U SIGNAL COMPARATOR MIXES TWO FREQUENCIES AND DELIVERS AN OUTPUT PROPORTIONATE TO THE DIFFERENCE OF THE TWO INPUT SIGNALS.

WHEN USED WITH A STRIP CHART RECORDER IT WILL COMPARE 2 ALMOST EQUAL FREQ. STANDARDS WHOSE FREQ. ARE EITHER 100 KC OR 1 MC. THIS WILL BE RECORDED AS A SINE WAVE.

USES 4 1N281 DIODES IN A FULL BRIDGE CIRCUIT ALONG WITH RESISTORS, CONDENSERS, TRANSFORMER ETC. INPUT IMPEDANCE 50 TO 5000 OHMS, INPUT COAX. CONN. BCN. SIZE: 5 1/2 x 3 1/2 x 3 1/2; 4 LB. NEW \$4.95

SUB-CYCLE



SUB-CYCLE STATIC FREQUENCY CONVERTER; OUTPUT 75-110 VOLTS 7.5 WATTS; 16-2/3 OR 20 CYCLE, INPUT 105-125 VOLTS 50 OR 60 CYCLE. USED FOR RINGING TELEPHONE CIRCUITS. SIZE: 7 x 4 1/2 x 12; WT: 35 LBS. MODEL M-75/KS-5585 \$14.95 OUTPUT PLUG.....\$1.00

DYNAMOTORS



CARTER GENEMOTOR No. 633RS2B 12 VOLTS D.C. 25 AMPS. INPUT, 650 VOLTS D.C. 300 MA OUTPUT SIZE: 6 1/2 x 4 x 3 1/2; WT: 13 LBS. NEW \$20.00

DM-35 DYNAMOTOR; 12 VOLT DC 18.7 AMP. INPUT; 625 V.D.C. 225 MA. OUTPUT. SIZE: 4 1/2 x 4 x 8 1/2; WT: 13 LBS. RE-COND. \$15.00

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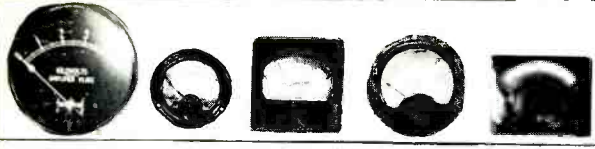
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 DW-52 2 1/2" D.C.
 AMP. METER 0-100
 SCALE, 0-1.2 F.S.
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 Used \$1.95 \$2.95

GENERAL ELECTRIC

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 0-20 RFA 00-44 3 1/2" RD \$3.95

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 WE#157807 3 1/2" RD
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 METER FOR
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 ING CHANNELS
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 METER
 WITH CORD & PLUG.
 SIZE: 3x3x2 WT: 2LB. \$6.95



VOLTMETERS

- 0-150 AC Round flush type for 2-1/8" hole, Bakelite case. Westinghouse type NA-33, 25 to 125 cycles. Signal Corps No. 3F8150-69 6.25
- 0-300 AC 3" round flush type, bakelite case, Simpson and General Electric Mfg. Signal Corps No. 3F8300-28 7.50
- 0-15 AC-DC Voltmeter 2 1/2" RD. USED No. IS-122 2.95
- 0-30 DC Round flush type, for 2 1/2" hole. General Electric Mfg. Model 85W53AAL. Stock No. 2DA7 5.75
- 0-300 DC Round flush type, bakelite case, shielded, for 2 1/2" hole. Sun Mfg. Model 2AU346. Stock No. 159E-12 5.75

MILLIAMMETERS

- 50-0-50 DC 3" round flush type, bakelite case. Sangamo and Weston model 301. Signal Corps No. 3F3327 6.25
- 0-100 DC 3" round flush type, bakelite case. De-Jur model 310. Signal Corps No. 3F910-1 6.95
- 0-800 DC 3" round flush type, bakelite case, calib. for 1/8" steel panel. Signal Corps No. 3F980-2 6.95

R.F. METERS

- 0-10 AMPS 2-3/4" flange, for 2 1/2" hole, bakelite case. Weston model 507, Signal Corps No. 3F1010-24 5.95
- 0-1 AMPS 3" round flush type, bakelite case, Triplet model 0341-T or Weston model 425. Signal Corps No. 3F1001-31 6.25
- 0-100 MA For 2-1/8" hole, metal case. Calib. for 1/16" steel panel, with Thermo-couple. General Electric model AAN21, type DW-52. Signal Corps No. 3F912 5.50

AMMETERS

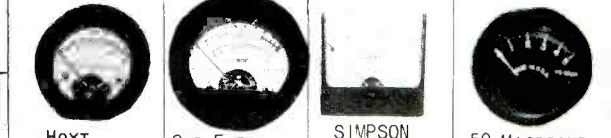
- 0-30 DC 3" round surface mounting. Roller-Smith type TDS. Signal Corps No. 3F1030-9 6.95
- 0-30 DC 2" round flush type, metal case. Hoyt Meter Co. No. H17-3, scale has marking for 12 volt and 6 volt. Signal Corps No. 3F1030-22 5.50
- 0-1.5 DC Milliamp. Tube checker scale 2 1/2" flush mtg. P/O I-56A W.No. 685-2 2.95



PHOOSTRON CLEAR PLASTIC CASE 50 MICRO AMP D.C. 0-5 SCALE, 3 1/2" #715-16-20 \$4.95
 DC AMPERES 3 1/2" 0-300 SCL USE W/SHUNT 50 MV/200 A
 R.F. AMPERES 2 1/2" RD 0-5sc. SIMPSON #136 \$3.95
 500 MICROAMPS. D.C. RES. 300 OHM DC. 1 1/2" SQ. 1-3/8" MTG. DEJUR MOD. 112 STK#3F3312-6.6 \$4.95
 WESTON-M-643 ORD#173030 \$6.95
 R.F. AMPERES 2 1/2" RD. 0-9sc. CAY-22239A \$3.95



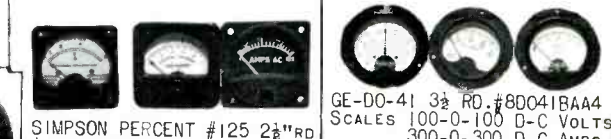
GENERAL ELEC. BAD6VBO-20 0-300 VOLTS A.C. 25-125 CYC. SIZE: 5 1/2 x 5 1/2 \$15.00
 BLACK FACE RUGGEDIZED 0-50 DCV 2 1/2" RD. MARKHAM #MR265050DCV \$3.95
 MICROMHOS DYNAMIC MUTUAL CONDUCTANCE USED IN I-177 TUBE CHECKER BASIC 0-1.4 MA. HICKOK #M547A STK#3F1350 \$4.95
 DC MILLIAMPER 2-3/4" 0-15 AL CONDUCTANCE 0-300 SCALE USED IN I-177 0-300 SCALE USE EXT. SHUNT .35 OHM VARIOUS MFG. STK#3F930-14 \$4.95



HOYT DC VOLTMETER 0-150 3 1/2" RD. #17L/5117-3855 \$3.95
 GAR ELEC. F.S. = 100 UA SCALE 1-3/3-10 & MOD-5-50 2 1/2" RUGGEDIZE GAR MODEL 260 \$4.95
 SIMPSON DC MICROAMPER 0-500 SCALE 3 1/2" SQ. MODEL 1320-C \$5.95
 50 MICROAMP. 0-5 SCALE 1 1/2" SINGLE HOLE MOUNTING INTERNATIONAL #420-63-0251 \$4.95



BURLINGTON MODEL 311 Hug 900305 1 1/2", 0-5sc FS-50 UA #6625-519-2955 \$2.95
 TUNING METER 2" TUNE FOR MAX. SCALE. 2 MA. RIGHT, 5 MA. LEFT. 5 OHM DC RES. USED IN RADIO COMPASS REC. #1-70 \$1.50
 DC MICROAMPERE 0-200 SCALE TRIPOLET 2 1/2" #MR25W200DCUA MODEL 221 T \$3.95
 ANTENNA CURRENT INDICATOR 0-10 RF W/ THERMO-COUPLE WESTON 507 F/BC-442 USED \$1.25



SIMPSON PERCENT #125 2 1/2" RD 1 MA. MOVE. CENTER SCALE MARKED 100 \$3.95
 SUN MODEL 3XSPEC. 3 1/2" RD. SCALES 0-35 & 0-350 FS-1MA #3F8350 D.C VOLTS \$3.95
 SIMPSON D.C. MILLIVOLT 4 1/2" SQ. 0-100 SCALE #29 \$5.95



GE AC AMMETER 0-125 SCALE 0-1 A 400 CYCLE MOVE. 2" SQ #2319-6625-649-1982 N \$3.95
 SIMPSON MODEL 55 3 1/2" RD. SCALE 0-150 VOLT 60 CYCLE PRICE: \$4.95
 MARTON D.C. VOLTMETER 2 1/2" RD SEALED, 18-36 SCALE DIRECT #HS-2/414A NEW \$3.95



WESTON A.C. VOLTMETER 2 1/2" RD RUGGEDIZED, 0-300 SCALE DIR READ. #1526 3F8300-72 \$3.95
 GE MILLIAMPERES A.C. 2 1/2" RD FS-1.5 MA NO. DW-46/60953 C-250 SCALE USED \$3.95 0-500 " " 3.95 0-750 " " 3.95
 WESTON R.F. AMPERES 3 1/2" RD. 0-8 sc. #CV-22030/425 \$5.95
 WEST. STYLE 1207009 3 1/2" RD SCALE 0-400 DC VOLTS FS-1M USN#CAY22143/NX-35 \$3.95
 WEST. STYLE PH68283 3 1/2" RD TOTAL HOURS IN THDS-HDS-TENS-TENTHS-UNITS 11 VOLTS 60 CYCLE USN#CAY22148/NH35 PRICE: \$12.95
 HICKOK 3 1/2" RD MATCHED METERS #47 0-500 A.C. " \$3.95 #47 0-100 A.C VOLTS \$3.95

WESTINGHOUSE

WESTINGHOUSE NX-35 0-1500 D.C. AMPS. FS-50 MV. REQ. 1500 AMP. 50 MV SHUNT. 3 1/2" RD. \$3.95

D.C. MILLIAMMETERS TYPE NX-35 3 1/2" RD. 0-50 0-100 0-150 PRICE: \$3.95 EACH

0-15 R.F. NX-35 3 1/2" RD \$3.95

0-1 MA MOVEMENT NX-35 3 1/2" RD 0-2 KILOVOLT DC SCALE 0-20 " DC " REQUIRE EXTERNAL SHUNTS PRICE: \$3.95 EACH.

D.C. AMPERE METER 0-150 SCALE, 0-15 MA. MOVEMENT SHUNT REQUIRED. 2 1/2" WEST #12058528 \$1.95

INTERNATIONAL SCALE 0-5/25 FS-200 UA, 1 1/2" HOLE MTG. MARK YDS X 1000 \$2.95 NEW #6625-519-7432

HOYT D.C. AMPERE METER 0-15 SCALE MIPRORED TYPE IN PORTABLE METAL CASE WITH TEST LEADS. 5 1/2 x 6 1/2 x 2 1/2 WT: 3LB. #17A5200 \$3.95

MULTIMETER USED TO TEST AIRCRAFT CIRCUITS. FULL-SCALE 100 uA. 1100 OHMS ±10%. 4x4x5 WT. 3 LBS. USAF-5200-474900 \$4.95

WESTON MODEL 643 3 1/2" FACE, 4 1/2" MTG 2" DEEP, 2 1/2" TERM #175606 0-50 VOLTS D.C \$12.95

No. 16184 D.C. AMPERES SCALE 30-0-100 REQ. 50 MV SHUNT \$12.95

D.C. VOLTS 0 TO 35 AND 0 TO 350 SCALE, EXTERNAL RESISTOR REQ. FS-1 MA. 3 1/2" RD. 3F8350 \$4.95

D.C. MILLIAMPERES 3 1/2" SQ. 0-100 & 0-300 SCALE, NO SHUNT REQUIRED. WESTING. NX-35 TEDECO M-261 \$4.95

WESTON PANEL METERS

MODEL 301 A.C VOLTS 3 1/2" RD 0-25 0-50 0-75 0-80 0-150 EACH METER \$6.95

MODEL 301 D.C VOLTS 3 1/2" RD 0-80 0-150 0-200 0-250 0-300 0-350 0-500 \$6.95 EACH

MODEL 301 3 1/2" RD. 20,000 OHMS PER VOLT D.C. SCALE: 300-0-300 \$5.95 200-20-0-20-200 \$5.95

DECIBELS

DECIBELS -8 TO 0 TO +6 F.S.-3.79 VAC 3 1/2" ROUND WEST#BA-33543-A \$4.95

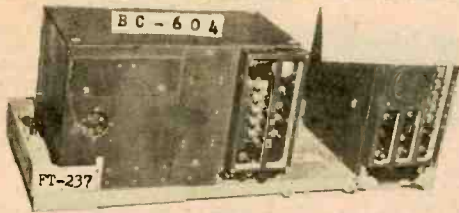
DECIBELS -8 TO 0 TO -6 6 MILLIWATTS 600 OHMS, 3 1/2" RD WESTON#301/21 \$4.95

DECIBELS -8 TO 0 TO -6 0 DB-1.857 VAC 2 1/2" RD. WESTH#WG46641-2 \$3.95

FM

TRANSMITTERS-RECEIVERS

AM



BC-604 TRANSMITTER

FREQ. RANGE 20-27.9 MC OUTPUT APPROX. 30 WATT. 10 CRYSTAL CONTROLLED CHANNELS. FREQ. 54 TIME CRYSTAL FREQUENCY. 12 VOLT DC OPERATION WITH DM-35 DYNAMOTOR. 24 VOLT DC OPERATION WITH DM-37 DYNAMOTOR. BATTERY DRAIN 20A. ON 12 VOLT TUBE LINEUP: 1619 DOUBLER, 1619 TRIPLER, 1619 1ST RF AMPLIFIER, 1619 RF RECTIFIER, 1624 POWER AMPLIFIER.
 SIZE: 18" L x 11" H x 10 3/8" D. WT: 60 LBS. LESS DYNAMOTOR. RE-NEW \$7.95

BC-684 TRANSMITTER SAME AS BC-604 FREQUENCY RANGE 27 TO 39.1 MC
 USED \$6.95



BC-603 RECEIVER

BC-603 RECEIVER F.M 20-27.9 MC CONTINUOUS TUNING & 10 PRESET PUSH BUTTON CHANNEL SELECTOR. WITH SENSITIVITY SQUELCH & VOLUME CONTROLS, 2 WATT OUTPUT TO SELF CONTAINED SPEAKER, ONE (1) MICROVOLT SENSITIVITY, 2.65 KG 3/6AC7, 1/6J5, 2/12SG7, 2/6SL7, 1/6H6 & 1/6V6GT. VOLTAGE REQUIRED 12/24 VOLTS FOR FILAMENTS. 220 VDC @ 80 MA. FOR HIGH VOLT SIZE 11 1/2 x 6 1/2 x 12 1/2; WT: 35 LBS.

USED \$22.95 ..CHECKED FOR OPERATION \$32.95

CONVERTED 30-45 MC \$44.95

FOR BEST RESULTS ORDER SPECIFIC FREQ. DESIRED
 AC POWER SUPPLY FOR BC-603; NO CONVERSION NEEDED EXCEPT TO ADD SWITCH. (INSTRUCTIONS SUPPLIED. WIRED \$14.95 KIT OF PARTS \$11.00 DYNAMOTORS; DM-34 12VDC, DM-36 24VDC N \$4.95

FT-237 MOUNTING BASE RE-NEW \$7.95

SHOCK MOUNT BASE TO HOLD ONE BC-924 TRANSMITTER AND ONE OR TWO BC-923 RECEIVER OR, ONE BC-603 RECEIVER. SOCKETS ON THE BASE WILL MAKE ALL OF THE NECESSARY CONNECTIONS TO THE SETS. TERMINAL BLOCK MOUNTED ON THE BASE FOR REMOTE CONTROL CABLE. WT: 44 LBS SIZE: 11 3/4" W x 1 3/4" H x 33 5/8" L.

IDENTIFICATION SET

RT-82/APX-6 RADAR IDENTIFICATION SET RECEIVER-TRANSMITTER COVERING RANGE OF 950-1150 MC. IF FREQ. 59.5/1.5 MC. (CAN BE CONVERTED TO 1215 MC. GST FEB. '61, SEPT. '60; 296 MC. GST JUNE '61). WITH (30) TUBES 6/6J6, 1/6A56, 1/3E29, 3/6AL5, 1/5Y3, 2/3824, 3/6AL5, 2/12AU7, 7/6AK5, 1/20A2, 1/2C46, 1/1B40, 1/1N-43, 1/1N-25. DIGIT COUNTERS ON TUNERS FOR TRANS-REC-LO FREQ. CONTROLS. VOLTAGE REQUIRED 24 AND 115 400/800 CYCLE. SIZE: 13x13x10; WT: 45 LBS. PRICES: USED \$24.95 GOV'T. RE-COND. \$39.50

METERS

"S" UNITS DB METER 0-1 MOVE. SCALES 0-5 0-10 0-x30 SIZE: 1 1/2 x 1 1/2 x 1 1/2 #J-SR-2P \$1.95



SIMPSON METER PERCENT SCALE -10-0--10 100 MICROAMP MOVEMENT. CAN BE MOUNTED VERT. OR HORIZ. 5/8" x 2 1/2" SCALE. 3 1/2" DP NEW #8439739 \$5.95



SUPER-PRO RECEIVER BC-779 "S" METER 2 1/2" DIA. \$4.95



RELATIVE POWER DB METER 0-1 MA MOVE. 0-10 & 0-30 DB SCALE. SIZE 7/8 x 2" MTG. #J-V-303 2H \$1.95



BC-348 RECEIVER A.M. SIX BANDS 200-500 KC & 1.5 -18 MC. CRYSTAL PHASING, ANTENNA ALIGN, BEAT OSC., & AUDIO GAIN CONTROLS, VERNIER & SPEED TUNING, AVC, MVC, PHONE AND C.W. PHONE & SPEAKER JACKS. LARGE ILLUM. DIAL. WITH TUBES 4/6SK7, 6SJ7, 6SA7, 6SR7 & 6K6. VOLTAGES REQUIRE 220 VDC @ 70 MA. & 24 V.

SIZE: 18x10 1/2 x 9 1/2; WT: 40 LBS. PRICES LESS DYN. PRICES: USED CHECKED \$89.50
 DM-28 DYNAMOTOR 28 VOLT D.C USED \$4.95
 115 V. 50 CYC POWER SUPP. W/SPEAKER \$19.95
 FT-154 SHOCK MOUNTING \$2.75
 PL-103C PLUG FOR REAR OF RECEIVER 2.50

R-316/ARR-26 RECEIVER 162.25 - 173.5 MC. FM

DESIGNED TO RECEIVE SONOBOUY SIGNALS ON 16 PRE-SET CHANNELS. WITH TUBES 1/6J6, 2/6AL5, 1/5AS7, 1/6A6, 1/12AU7, 1/12AV7 & 7/6AK5. NO POWER SUPPLY, REQUIRES 280 VDC @ APPROX. 125 MA. AND FILAMENT VOLTAGES. OUTPUT OF THE SET USES A 12AU7 IN A CATHODE FOLLOWER CIRCUIT WHICH IS SUFFICIENT FOR HEAD SET. (SCHEMATIC AND CONVERSION INFORMATION FOR 145-175 MC SUPPLIED WILL INCLUDE ADDITION OF AUDIO, SQUELCH AND 115 VOLT 60 CYCLE POWER SUPPLY CIRCUITS.) SIZE 5x3x17; WT: 13 LBS. PRICE: USED \$22.95



BC-788C RECEIVER-TRANSMITTER ALTIMETER, PULSE TYPE, TRANSMITTER OUTPUT 50 WATTS. FIXED FREQUENCY 440 MC. WITH TUBES 3/6J6, 1/6L6, 9/6AG5 AND 1/5Y3GT OPERATES FROM 115 VOLT 400 TO 2400 CYCLE. SIZE: 15 1/2 x 9 x 8; WT: 13 LBS. PRICE: USED \$18.95



LORAN SET

1D-6B/APN-4 INDICATOR
 R-9B/APN-4 RECEIVER



AN/APN-4 RADIO SET; CONSISTS OF THE 2 MAIN UNITS DESCRIBED BELOW MAKES A EFFECTIVE LORAN NAVIGATIONAL SYSTEM TO DETERMINE YOUR GEOGRAPHIC POSITION IN RELATION TO THE SENDING STAT.

R-9/APN-4 RECEIVER; DESIGNED TO OPERATE AT ANY FOUR PRESET FREQ. IN TWO R.F. BANDS, 3 FREQ. IN THE RANGE OF 1.6 TO 3.3 MC AND ONE FREQ. IN THE 7.58 & 11.75 MC. THE VIDEO PULSE RECEIVED FROM THE TRANS, ARE FEED TO THE INDICATOR AND INTERPERTED BY THE OPERATOR. POWER REQ. 80 OR 115 V. 400 OR 2400 CYCLE. WITH TUBES 1/VR-105, 1/6SN7, 2/2X2, 1/5U4, 3/684G 1/6H6, 1/6SA7, 1/6SJ7, 4/6SK7, 1/6SL7. SIZE: 9x12x20; WT: 25 LBS. UNUSED \$24.95

1D-6/APN-4 INDICATOR; RECEIVES THE PULSES FROM THE REC. AND DISPLAYS ON THE 5" CR TUBE 5CPI CONTROLS ARE PROVIDED ON THE FRONT PANEL FOR COARSE, FINE, GAIN, AMP. BALANCE, ALSO 8 POSIT. SW. CRYSTAL PHASING, FOCUS, INTENSITY ETC. POWER REQUIRED FOR FILAMENT TRANSFORMER IS 115 OR 80 V. 400 OR 2400 CYCLE. HIGH VOLTAGE IS OBTAINED FROM THE R-9 RECEIVER POWER SUPPLY WITH TUBES 5CPI, 8/6H6, 1/6SJ7, 3/6SL7, 1/4/6SN7. SIZE: 9x12x20; WT: 35 LBS. PRICE: USED WITH TUBES \$29.95 LESS TUBES \$18 CONNECTOR PLUGS PL-167 REC. INPUT, PL-171 FOR INDICATOR TO RECEIVER PL-171 EACH PLUG \$1.50

R-65/APN-9 LORAN RECEIVER

INDICATOR AS USED IN AIRCRAFT AND BOATS. PROVIDES ACCURATE MEANS OF DETERMINING POSITION OF FIXED SHORE TRANSMITTING DIRECTION STATIONS WHEN OTHER MEANS ARE INEFFECTIVE. CONSISTS OF A RECEIVER OPERATING IN THE MARINE BAND WITH 3" CR TUBE INDICATOR FOR PRESENTATION OF THE RECEIVED SIGNALS. OPERATES FROM 24 VDC & 115 V 400-800 CYCLE. W/TUBES, LENSE, CRYSTAL. SIZE: 9 1/2 x 12 1/2 x 30 1/2; WT: 40 LBS. USED \$69.50



COMPASS SYSTEM



REMOTE READING MAGNESYN COMPASS SYSTEM AIRCRAFT TYPE. CONSISTS OF A MAGNESYN COMPASS THAT TRANSMITS TO A 3" INDICATOR THAT IS CALIBRATED IN DEGREES --- N-S-E-W AND IS OPERATED BY THE 12 VOLT D.C. INVERTER THAT IS SUPPLIED WITH THE SET. SHPG. WT: 15 LBS. PRICE WITH TRANSMITTER, INDICATOR, INVERTER AND MANUAL... \$34.95

TARGET TRANS.

BC-655 TARGET TRANSMITTER 17.5 TO 158 MC IN 3 BANDS, BATTERY OPERATED REQUIRES 1.5 VDC AND 90 VDC, TONE MODULATED, LOW POWER WITH TUBES 1/958 & 1/1A5 GT, ALSO 0-200 DC MICROMMETER, PROVISIONS FOR MTG. TELESCOPING WHIP ANTENNA, WHICH IS NOT SUPPLIED ALSO PROVISIONS FOR MOUNTING ON TRIPOD. SCHEMATIC AND FREQ. SETTING CHART INCLUDED. SIZE: 5 1/2 x 9 x 7; WT: 12 LBS.



PRICE: WITH TRIPOD UNUSED \$18.95

CARRIER MONITOR

WHEN COUPLED TO TRANSMISSION LINE PROVIDES DC/AUDIO CURRENT TO LOCAL OR REMOTE POSITION. TWO VACUUM CAPACITORS 3 MMFD 15 KV. ARE SUPPLIED FOR 500 TO 50M WATT TRANSMITTER 2 TO 30 MC. INPUT/OUTPUT IMPEDANCE 600 OHM-LINE. OPERATES 115/230 V 60 CYC. WITH TUBES 1/6AL5, 1/6X4, 1/6J6, 1/V103. ALSO OUTPUT JACKS ETC. OUTPUT JACKS & CONTROLS. P/N 1028017; SIZE: 6X6 1/2 X 8 1/2; WT: 15 LBS. PRICE: UNUSED \$8.95 LESS 2 VACUUM COND. \$5.95



TELEPHONE REMOTE CONTROL; WITH HANDSET. UNIT HAS 2 MIC. AND 1 REC. INPUT W/ CONNECTIONS AT TERMINAL BOARD FOR KEYS. AUDIO OUTPUT 1.3 WATTS INTO 600 OHM LINE. CAN BE USED FOR INTERCOM. WITH TUBES 2/35L6 & 1/35Z5. POWER REQ. 115 V. 25/60 CYC ORI DC. SPARE TUBES RES. CONQ. ETC. #CAY-23304 SIZE: 13x12x11 1/2; WT: 55 LBS. UNUSED \$16.95

RECEIVER 200 - 400 KC

BC-1206 RECEIVER AM 200 TO 400 KC USED FOR AIRCRAFT BEACON CALLS VOLTAGE REQUIRED 24 VDC TUBES REQUIRED 2/14H7, 1/14J7, 1/14R7 & 1/28D7. I.F. FREQ. 135 KC, THREE (3) GANG VARIABLE 400-800 MMFD LOCAL SOCKETS THESE RECEIVERS ARE SOLD LESS TUBES AND "AS-IS" BECAUSE WE HAVE FOUND SOMETIMES THE I.F. COILS MAYBE OPEN AND THE COST OF MAKING THE REPAIR IS PROHIBITIVE. HENCE THE LOW LOW PRICE. PLEASE DO NOT ASK US TO CHECK THE COILS. SIZE: 4x4x6 1/2; WT: 6 LBS. USED AS-IS \$2.95



RECEIVER 1.5 - 18.5 MC

R-105/ARR-15 RECEIVER; DESIGNED FOR NAVAL AIRCRAFT COMMUNICATION IN THE 1.5 TO 18.5 MC IN SIX BANDS WITH MULTICHANNEL PRESET FREQ. OR VARIABLE CONTINUOUS TUNING FOR AM VOICE, CW AND MCW RECEPTION. THE SET MAY BE OPERATED MANUALLY OR ELECTRICALLY ON ANY TEN PRESET CHANNELS BY USE OF THE AUTOTUNE. ALL CONTROLS ARE ON THE FRONT PANEL. WITH TUBES 1/12A6, 3/12SJ7, 1/12H6, 2/12SL7 & 5/12SG7. VOLTAGE REQUIRED 24/28 VOLT DC FOR FILAMENTS, MOTOR, RELAYS AND DYNAMOTOR THAT HAS AN OUTPUT OF 220 VDC @ 95 MA. SCHEMATIC \$1.00 SIZE: 8x10 1/2 x 21 1/2; WT: 50 LBS. PRICE: USED \$65.



BC & ARC COMMAND SETS

THE COMMAND SET SERIES OF TRANSMITTERS AND RECEIVERS HAVE BEEN POPULAR FOR MANY YEARS ON THE SUPPLUS MARKET.

THE SERIES CONSISTS OF SEVERAL SEPARATE UNITS COVERING THE FREQUENCY RANGE OF 190 KC TO 9.1 MC FOR THE RECEIVERS AND 2.1 TO 9.1 MC FOR THE TRANSMITTERS.

IF YOU ARE NOT FAMILIAR WITH THE CONVERSION OF THIS EQUIPMENT IT IS SUGGESTED THAT YOU PURCHASE CONVERSION MANUAL COVERING THE SET.

CQ SURPLUS CONVERSION MANUAL, WHICH INCLUDES COMMAND SETS IS AVAILABLE FROM US FOR \$3.00 (FOR OTHER CONVERSION MANUALS SEE PAGE 21)



THE RECEIVERS ARE SIX TUBE SUPERHETERODYNE WITH THE FOLLOWING TUBE LINE-UP; 1/12A6, 1/12K8 3/12SK7 & 1/12SR7.

DESIGNED TO OPERATE WITH THE USE OF A DM-32 24 VOLT D.C. DYNAMOTOR WITH AN OUTPUT VOLTAGE OF 250 VDC @ 60 MA. ALSO REQUIRES 24 VOLTS FOR FILAMENTS. THE SET WAS TUNED FROM A REMOTE POSITION BY THE USE OF A FLEXIBLE SHAFT AND CONTROL BOX. SIZE: 5x5x11; WT: 12 LBS.

BC-453	190 to 550 KC	USED	\$16.95
BC-454	3.0 to 6.0 MC	Gov't RE-COND	19.95
BC-454	3.0 to 6.0 MC	USED	16.95
BC-455	6.0 to 9.1 MC	Gov't RE-COND	14.95
R-25/ARC	1.5 to 3.0 MC	UNUSED	19.95

R-28/ARC-5 100 to 156 MC CRYSTAL CONTROL ON FOUR PRE-SET CHANNELS WITH 24 VDC MOTOR, NOT CONTINUOUS TUNING. USES SAME VOLTAGE BUT DIFFERENT TUBES. SEE CONVERSION MANUAL FOR DETAILS TO MAKE CONTINUOUS TUNING. USED \$22.95

THE TRANSMITTERS WITH PROPER USE CAN PUT OUT 50 WATTS CW AND 30 WATTS ON PHONE. MODULATION IS OBTAINED FROM SEPARATE UNITS, BC-456 FOR SINGLE TUBE MOD. AND MD-7 FOR PUSH-PULL MOD. THE DM-33 DYNAMOTOR IS USED TO SUPPLY THE VOLTAGES AND IS MOUNTED ON THE MODULATOR. VOLTAGES REQUIRED 575-600 VDC @ 175-200 MA. AND 24 VOLTS. WITH TUBES 2/1625 1/1626 & 1/1629 MAGIC EYE TUBE FOR TUNING AND CRYSTAL FOR CALIBRATION. SIZE: 5x7x12; 12LE



T-18/ARC-5	2.1 to 3.0 MC	USED	\$9.95
CBY-52232	NAVY 2.1 to 3.0 MC LESS		
ANTENNA INDUCTANCE	VARIABLE COIL	USED	4.95
BC-696	3 to 4 MC	Gov't RECONDITIONED	14.95
T-20/ARC-5	4.0 to 5.3 MC	USED	\$6.95 NEW 9.95
T-21/ARC-5	5.3 to 7.1 "		6.95 NEW 9.95
T-22/ARC-5	7.0 to 9.1 "		18.95
T-23/ARC-5	100 to 156 MC AM	USING 832 TUBES (2) AND 1625 (2), FOUR PRE-SET CRYSTAL CONTROL CHANNELS. COMPANION TO R-28 REC. FOR CONVERSION SEE CQ MANUAL.	\$24.95

BC-456 MODULATOR FOR USE WITH COMMAND TRANSMITTERS, SINGLE TUBE MODULATION WITH TUBES 1/1625, 1/12J5GT AND 1/VR-150. HAS PROVISIONS FOR MOUNTING DM-33 DYNAMOTOR. SIZE: 7x8x10; WT: 11 LBS. U. \$3.95

POWER SUPPLY FOR COMMAND RECEIVERS 115 VOLT 60 CYCLE IN CABINET WITH SPEAKER, SPEAKER, VOLUME CONTROL, CW SWITCH, HEADPHONE JACK AND CONNECTOR PLUG FOR SINGLE RECEIVER. SEE PAGE 20. PRICE: 19.95

SPIN TUNING KNOB FOR RECEIVERS	\$1.00
DM-32 DYNAMOTOR 24 V FOR REC.	UNUSED 4.95
35x032 " 12 V " "	" 4.95
C-26/ARC CONTROL BOX FOR ONE REC.	USED 2.00
BC-496 " " " TWO " "	" 1.95
BC-450 " " " THREE " "	" 2.50
BC-451 " " " ONE TRANS. " "	" 1.95
BC-473 " " " ONE REC. " "	" 2.00
CONNECTOR PLUGS F/REC. OR TRANS.	" 1.50

FLEXIBLE SHAFTS MC-215 FOR COMMAND EQUIPMENT 6 FT. \$1.50 EACH ADDITIONAL FT. 25¢ EXTRA.



MOUNTING-RACKS-FLEXIBLE SHAFTS		
FT-234	ONE COMM. TRANS RACK	1.50
FT-226	TWO " " "	2.00
FT-220	THREE " REC.	2.50
FT-225	MODULATOR RACK	1.50
MT-68	ONE TRANS. SHOCKMTG	1.00
FT-227	TWO " "	1.50
FT-228	ONE MOUNTING BC451	1.00

RECEIVERS & TRANSMITTERS



BC-620 RECEIVER TRANSMITTER F.M. 20 TO 27.9 MC. CRYSTAL CONTROL ON ANY TWO PRESELECTED FREQ. IN THE RANGE. USES FT-243 CRYSTALS, ONE SUPPLIE POWER OUTPUT APPROX. 3 WATTE WITH PHONE & MIC JACKS, (NO SPEAKER) TEST METER, VOLUME CONTROL, SELECTOR SWITCH ETC

WITH TUBES 1/1LC6, 1/1LH4, 1/1LN5, 4/1R4/1294-2/3B7 & 4/306/1299 AND PE-97 POWER SUPPLY THAT OPERATES FROM 6 OR 12 VOLTS D.C.W/CABLE SIZE: REC. TRANS. ONLY 15x13x7; WT: 30 LBS. PE-97 POWER SUPP. 15x13x7; WT: 20 LBS. THE REC.-TRANS. IS MOUNTED ON TOP OF THE POWER SUPPLY AND IS HELD THERE WITH HASPS. PRICE: BC-620 & PE-97 RE-NEW \$19.95

AN-45 TELESCOPING ANTENNA FOR MOUNTING ON REAR OF BC-620, 98" LG. NEW..... 1.95
 FT-250 SHOCKMOUNTING BASE F/ BC-620 & PE-97 TO-GETHER OR SEPARATELY 2.50
 CD-509 CORD EXTENSION 8 FT. USED WHEN P.S IS TO BE USED AWAY FROM BC-620. 2.75
 CS-79 BATTERY CASE SAME SIZE AS PE-97 USED WITH BC-620 WHEN DRY CELLS /USED \$1.50
 TS-13 HANDSET, CARBON MIC. W/PLUGS " 4.95
 T-24 MICROPHONE CARBON RE-NEW 4.95
 SPARE TUBES FOR BC-620 NEW BOXED EACH .75



RECEIVER
 540 KC - 32 MC

RCA RECEIVER MODEL AR-88 540 TO 32,000 KC. IN 6 BANDS, AM, MCW, CW RECEPTION. OUTPUT IMPEDANCE 2.5 & 600 OHMS. LARGE ILLUMINATED DIAL FOR DIRECT READING AND BAND SPREAD ALSO R.F. GAIN, A.F. GAIN, TONE, SELECTIVITY, ANT. ADJ. NOISE LIMITER, AVC NOISE LIMITER, PHONE JACK ETC. WITH TUBES 5/6SG7, 2/6J5, 2/6H6, 1/6SA7, 1/6K6, 1/6SJ7, 1/5Y3 & 1/VR-105, 456 KC. I.F. POWER REQUIRED 115 OR 230 VOLTS 60 CYCLE. STANDARD RACK PANEL MOUNTING 19x11x19; 90 LBS PRICE: USED \$165.00 CHECKED F/OPERATION \$175.

RCA RADIOTELEPHONE EQUIPMENT VHF MODEL ET-8040 IS A COMPACT MULTI-CHANNEL UNIT DESIGNED TO PERMIT VARIOUS CLASSES OF VESSELS TO UTILIZE THE MARITIME-MOBILE FREQ. FOR SHIP TO SHIP & SHIP TO SHORE IN THE 156 TO 162 MC. F.M. BAND. SIMPLEX OR DUPLEX CHANNEL ON AS MANY AS (8) FREQ. TRANSMITTER OUTPUT 11 WATTS WITH TUBES 2/2E26, 5/6EH6, 1/6AQ5, 2/6AV6 & 1/12AT7, FREQ. STABILITY .002%, MOD. 15 KC F/100%. RECEIVER "A" CHAN. 1 THRU 6, REC. "B" CHANNEL 7 THRU 8, DOUBLE CONVERSION, SQUELCH SENSITIVITY. 25-5 MICRO VOLT, WITH TUBES EACH RECEIVER 1/16BH6, 2/12AX7, 1/6AL5 & 1/6AK6. EIGHT CHANNEL CONTROL UNIT WITH HANDSET, ONE SPEAKER WITH REMOTE CONTROL OF SINGLE CHANNEL & AUX. SPEAKER ONLY. OPERATES FROM 115 VOLT 400 CYCLE 1.22 AMPS. TRANS.-REC. SIZE 16x23x6; WT: 72 LBS. NET/CONTROL UNIT & SPEAKERS 13 LBS. SHPG. WT. 100 PRICE: UNUSED \$89.50

R-4/ARR-2 RECEIVER 234-258 MC DESIGNED FOR REMOTE CONTROL OPERATION, REQUIRES A MODULATED SIGNAL IN THE RANGE OF 540-830 KC AND MAY BE SET AT ANY ONE OF SIX FREQ. RECEIVER CAN BE USED FOR BEAT NOTE HOMING OR FOR VOICE RECEPTION. WITH TUBES 1/12A6, 3/6AK5, 7/9001, VOLTAGE REQ. 24 VDC & 250 VDC 60 MA. SAME SIZE AS COMMAND REC. "G" RE-COND \$6.95



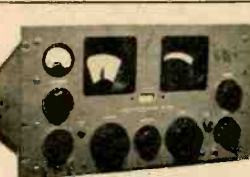
MD-7/ARC-5 MODULATOR USED WITH ARC-5 AND COMMAND SERIES OF TRANSMITTERS USES 2 1625 TUBES IN PUSH-PULL. 1/12J5 AND 1/VR-105 (CAPABLE OF 140 TO 60 WATTS ON VOICE DEPENDING ON VOLTAGE USED AND APPLICATION TO TRANSMITTER.) W/TUBES SIZE: 10x6x9; WT: 12 LBS. PRICE : USED \$9.95

COMMUNICATION RECEIVER



RCAF GR-10 COMMUNICATION RECEIVER, 115 VOLT 25-60 CYC. 6 BANDS, 195 TO 410 KC AND 1400 TO 31000 KC., ELECTRIC BAND SPREAD, VAR. SELECTIVITY, ADJ. CRYSTAL FILTERS, NOISE LIMITER, AVC, CARRIER STRENGTH METER, CRYSTAL CONTROL ON ANY ONE FREQ. TO 6.8

MC. TEMP. AND VOLTAGE REG. OF OSCILLATOR, SENSITIVITY BETTER THAN 5 MIC. V. 2:1 SIG. TO NOISE RATIO, MAX. UNDISTORTED OUTPUT 3 WATTS. WITH TUBES 3/6SK7, 1/6K8, 1/6SJ7, 1/6H6, 1/6SQ7, 1/6F6G, 1/5Y3G & 1/VR-105. BEAT FREQ. OSC. CONTROL AND PROV. FOR SPEAKER AND HEADSET. SIZE: 10x20x11; WT: 85 LBS. (CABINET DESIGN MAY VARY) ALSO AVAILABLE FOR 19" RACK MOUNTING PRICE: USED NOT CHECKED.... \$89.95



SUPER PRO
 RECEIVER

SP-600 HAMMARLUND RECEIVER 0.54 TO 54 MC IN SIX BANDS, SENSITIVITY 2.3 MICROVOLTS OR BETTER ON ALL BANDS FOR S-N-R RATIO OF 10 DB. IMAGE REJECTION BETTER THAN 74 DB ON ALL BAND 1.F. REJECTION AT 600 KC IS 2700 TO 1, AVC WILL HOLD WITHIN 12 DB WHEN INPUT IS INCREASED FROM 2 TO 200,000 MICROVOLTS, AUDIO OUTPUT 2 WATTS INTO 600 OHM. WITH 19 TUBES 7/6BA6, 1/12AU7, 1/6V6, 3/6AL5, 1/0A2, 6BE6/2, 3/6CA, 1/5R4 POWER REQUIRED 95 TO 260 VOLT 50 TO 60 CYCLE 19" RACK MOUNTING, SIZE: 19x16x10; WT: 80 LBS PRICE: USED \$275.00..USED CHECKED F/OPER \$295

DIVERSITY RECEIVER

AN/FPR-3 DIVERSITY RECEIVING EQUIPMENT USES TWO IDENTICAL RECEIVERS OPERATING ON DIFFERENT ANTENNAS. THE OUTPUT IS THEN COUPLED TO-GETHER TO SUPPLY A SIGNAL WITH REDUCED FADING EFFECTS. COVERS THE FREQ. RANGE OF 2.4 TO 23 MC IN 5 BANDS, (BAND 5 CAN BE EXTENDED TO 26 MC.) PRE-SET ON ANY ONE FREQ. IN EACH BAND, MOTOR DRIVEN SELECTOR BY DIAL SYSTEM. CONSISTS OF ANTENNA UNIT, REC. UNIT "A", REC. UNIT "B", MULTIPLE UNIT, OSCILLATOR UNIT, REMOTE CONTROL, POWER CONTROL, POWER FILTER UNIT & POWER SUPPLY UNIT ALL HOUSED IN A 7 FOOT RACK WITH DOOR FRONT & BACK. TUBES REQUIRED 6/6J5GT, 5/6V6, 8/6SK7, 2/6SN7, 2/6SA7, 7/6SA7, 5/6H6, 3/6E5 & 2/5U4. TOTAL WT: 600 LBS. POWER REQ. 100-130/200-260 v. 50/60 CYCLE. PRICE: USED LESS TUBES \$150.00

ATD TRANSMITTER

NAVY ATD TRANSMITTER 540 Kc TO 9050 Kc 50 WATT VOICE-MCW-CW, AM WITH TUBES 1/814, 4/6L6GA & VOLTAGE REGULATOR, THREE 2 1/2 METERS FOR RF, MA & VOLTS, 24 VOLT DYNAMOTOR OUTPUT 1000 VDC 150 MA, 380 VDC 400 MA & 28VDC 5 AMPS. PLUG-IN TUNING UNITS SUPPLIED WITH SET 1/540-1500, 1/1500-3000 & 2/3000-9050 KC. FOUR CHANNEL SELECTION FROM SET OR REMOTE. LOCAL OR REMOTE CONTROL, MIC, PHONE & KEY JACK COMPLETE WITH DYNAMOTOR, REMOTE CONTROL UNIT, ANTENNA LOADING UNIT & PLUGS. SIZE: 24x10x13; WT: 70 LBS. (TRANS) TOT. 135LE PRICE: UNUSED \$69.95

TRANSCEIVER

RT-18/ARC-1 TRANSMITTER & RECEIVER A.M. 100 TO 156 MC CRYSTAL CONTROLLED, 30 WATT C.W AND PHONE. VOLTAGE REQ IRED 360 VDC @ 135 MA. AND 24 VOLT D.C. USES TUBES 18/6AK5, 2/6CA, 2/6V6, 2/6J6, 2/12A6, 2/832 AND 1/12SL7. PRICE: WITH TUBES 10 CHANNEL USED \$49.50 20 " " " 59.50 LESS " & ANTENNA RELAY 10 CHAN. \$30.00 DY-9/ARC DYNAMOTOR 26 VOLT D.C. USED \$ 9.95 DY-10/ARC " 13/26 " " \$11.95

SCR-522 RADIO SET

100-156 MC

RECEIVER-TRANSMITTER AM, FOUR CHANNEL, CRYSTAL CONTROL, 30 WATT OUTPUT, 18 TUBES AS FOLLOWS: TRANSMITTER, 1/6SS7, 2/832, 3/12A6, 1/6G6. RECEIVER, 1/9002, 1/9003, 3/12A6, 1/12C6, 2/12AH7, 1/12H6 & 3/12SG7. BOTH UNITS CAN BE REMOVED FROM CASE SEPARATELY. OVERALL SIZE: 16x12x10-3/4" WT: 49 LBS. PRICE: USED \$29.95



RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE: USED WITH TUBES \$14.95 NO TUBES

RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED, WITH TUBES \$14.95 NO TUBES \$7.95

TRANSMITTER CHASSIS ONLY, LESS CHANNEL SHIFTER. PRICE, USED WITH TUBES \$18.95 NO TUBES \$7.95

BC-602 CHANNEL SELECTOR CONTROL BOX WITH PUSH BUTTONS. BC-602B USED \$1.95 BC-602D NEW \$2.95

NOTE: FOR THE MICROPHONE & PHONE CIRCUITS JACKS CAN BE INSTALLED IN THE BC-602

JB-29 JUNCTION BOX NEW \$2.95
AN-104 ANTENNA, METAL COVERED WOOD NEW 1.95
PE-98 DYNAMOTOR 12 VOLT USED 9.95
PE-94 " " 24 " " 4.95

PLUGS REQUIRED FOR THE EQUIPMENT

SCR-522 RECEIVER-TRANSMITTER REQUIRES THE FOLLOWING PLUGS, PL-173 TO ANTENNA PL-169 TO DYNAMOTOR, PL-170 TO JB-29 JUNCTION BOX. \$1.50 EACH

BC-602 CONTROL BOX, REQUIRES FOLLOWING PLUGS, PL-169 TO JUNCTION BOX. \$1.50 EA.

PE-98 OR PE-94 DYNAMOTOR REQUIRES FOLLOWING PLUGS, PL-172 TO BATTERY, PL-171 TO RECEIVER-TRANSMITTER. \$1.50 EA.

JB-29 JUNCTION BOX, REQUIRES THE FOLLOWING PLUGS, PL-170 TO RECEIVER-TRANSMITTER PL-169 TO BC-602 CONTROL BOX. \$1.50 EA.

RA-62 AC POWER SUPPLY FOR SCR-522, OPERATES FROM 115/230 VOLTS 60 CYCLE, SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION. SIZE: 16x11x11; WT: 75 LBS. PRICE USED \$59.50 REQUIRES PL-171 PLUG FOR HOOK-UP TO REC-TRANS PRICE \$1.50.

ARC-3 100-156 MC

R-77/ARC-3 VHF AIRCRAFT TYPE AM RECEIVER, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 9001, 9002, 12A6, 12H6, 12SH7, 12SL7, 2/12SN7, 3/12SG7 & 6/6AK5. VOLTAGE REQUIRED 24 VDC & 210 VDC 125 MA. SIZE: 11x7x15. WT: 21 LBS. SCHEMATIC

PRICE: R-77/ARC-3 RE-CONDITIONED \$29.95
R-5009/ARC-502 24 CHANNEL USED \$24.95
PL-153 PLUG FOR FRONT OF SET \$ 2.50

T-67/ARC-3 VHF AIRCRAFT TYPE TRANSMITTER AM, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE, WITH TUBES 2/832 2/6L6, 1/6J5, 3/6V6 & 1/12SH7. VOLTAGE REQUIRED 24 VDC & 410 VDC 325 MA. SIZE: 15x7x12. WT: 21 LBS. PRICE: RE-NEW WITH TUBES ...\$29.50



JB-68 JUNCTION BOX FOR ARC-3 RADIO SET USED TO MOUNT DYNAMOTORS DY-22 FOR REC & DY-21 FOR TRANS. ALSO HAS CONNECTOR PLUGS TO HOOK UP REC, TRANS, CONTROL BOX & POWER, & RELAYS. SIZE: 10x3x8. WT: 7 LBS. PRICE USED... \$7.95

CONNECTOR PLUG FOR EACH FACILITY \$2.50 EACH

C-118/ARC-3 CONTROL BOX FOR RECEIVER AND TRANSMITTER. HAS EIGHT PUSH BUTTONS FOR CHANNEL SELECTION AND ONE FOR OFF. SIZE: 6x3x7 WT: 2 LBS. PRICE: \$4.95 CONNECTOR PLUG U-16/U 2.50

IE-36 TEST SET FOR SCR-522 REPRODUCES THE OPERATING FUNCTIONS OF THE CONTROL BOX & JACK BOXES OF THE RADIO BY PROVIDING HEADPHONE & MICROPHONE, CHANNEL SELECTION PLUS ALL OTHER CONTROLS NECESSARY TO OPERATION AND TESTING. CONTROL UNIT BC-1303 PLUGS DIRECTLY INTO THE SCR-522 ALSO HAS PHANTOM ANTENNA & CORO, LAMP EXTRACTOR, ADAPTER PHONE CORD, INSTRUCTION BOOK AND CARRYING CASE, 10x10x4; WT: 8 LBS. PRICE: NEW \$6.95

SCR-522 CABLES WITH PLUG ON ONE END AND LUG TERMINALS ON THE OTHER. EACH CABLE \$2.95
CX-58/VRC-1 PLQ-170 PLUG & LUGS, 36" LONG.
CX-60/VRC-1 PL-169 " " " 36" "
CX-62/VRC-1 PL-172 " " " 66" "

COMPASS RECEIVER

AN/ARN-7 RADIO COMPASS RECEIVER 100 TO 1750 KC USED FOR AIRCRAFT DIRECTION FINDING BUT CAN ALSO BE USED ON BOATS. THE RECEIVER IS A SUPER-

HETERODYNE WITH ADDITIONAL CIRCUITS FOR OPERATION OF THE AURAL RECEPTION AS SHOWN ON THE INDICATORS. COVERS THE FREQUENCY RANGE OF 100 TO 1750 KC IN FOUR BANDS CONTINUOUS TUNING FROM CONTROL BOX WHICH IS A SEPARATE UNIT. UNIT OPERATES FROM 115 VOLT 400 CYC & 24 VDC AND IS COMPLETE WITH TUBES 4/6K7, 1/6L7, 1/6J5, 2/6B8, 2/6F6, 1/6N7, 1/5Z4, 1/6SC7 & 2/2051. SIZE: 12x8x19; WT 45 LBS.

R-5/ARN-7 RECEIVER ONLY, USED \$18.95

ITEMS LISTED BELOW ARE REQUIRED FOR ADF OPER.

C-4/ARN-7 CONTROL BOX	USED \$3.95	NEW \$5.95
I-8/A INDICATOR 3"	USED \$3.95	RENEW 4.95
I-82A " 5"	USED 7.95	
LP-21 AM LOOP ANTENNA	" 9.95	
FT-224 MOUNTING F/C-4CB	" 1.50	
MG-149F INVERTER	" 24.95	
MC-203 SHAFT COUPLING "T"	" 1.00	
MC-136 SHAFT " RT/ANGLE	" 2.50	
BK-22 RELAY JUNCTION BOX	" 2.95	
MC-124 FLEXIBLE SHAFT 2 FT.	1.50	
CD-365 CABLE FOR LOOP 5 FT.	" 2.75	
PL-122 CONNECTOR PLUG FOR RECEIVER	" 2.50	
PL-112 " " LOOP	" 2.50	
PL-118 " " " I-81 OR I-82	" 2.50	

TRANSMITTER

GO-9 NAVY TRANSMITTER 100 WATT CW, MCW & PHONE, 300-600 Kc & 3.0 TO 18.1 MC. WITH TUBES 2/837, 1/843, 1/801, 2/803, 1/807, 2/1616 & 1/5Z3. UNIT IS MADE IN THREE SECTIONS WITH THE LOW FREQ. SEC. TO THE LEFT, HIGH FREQ. TO THE RIGHT & POWER SUPPLY THAT OPERATES FROM 115 V 800 CYCLE IN THE CENTER. VOLTAGE ALSO REQ. 12 OR 24 V.DC. SEVEN METERS, 0-9 RF & 0-100 MA IN LOW SEC. 0-9 RF, 0-100 MA & 0-15 V IN HIGH SEC. & 0-15 V. & 0-300 MA IN P.S SEC. (CONVERSION INFORMATION FOR 115 V. 60 CYCLE CAN BE FOUND IN SURPLUS RADIO CONVERSION MANUAL #2 PRICE \$3.50) SIZE: 28x33x16; WT: 125 LBS. RE-NEW \$69.50

MN-40 INDICATOR CONTROL BOXES
0-360 DEGREE MN-28C/MN-26C
SCALE 5" WITH MN-28LB/MN-26LB
VAR. ADJUSTMENT. USED \$3.95 EA.
SAME AS I-82 CONNECTOR PLUGS
INDICATOR ONLY RECEIVER \$2.50
OPERATES MECHANICALLY CONTROL BX 2.50
INSTEAD ELECT FLEXIBLE SHAFT
BY USE OF SPLINED CONNECTORS 20"/\$1.50
AS USED ON MC-124 SHAFT. 5 1/2" \$2.8 \$3.00

RADIO COMPASS

RA 101A/ARN-6 RADIO COMPASS WITH A FREQUENCY RANGE OF 100-1750 Kc IN FOUR BANDS. COMPLETE WITH TUBES 6/12SK7, 4/12SX7, 1/12SY7, 1/12SN7, 2/26A7, 2/2050. OPERATES FROM 26.5VDC. WT. 35LBS. SIZE: 11x7x15 1/2. PRICE: \$39.50

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS. OPERATES FROM 26 VOLTS 400 CYC. SIZE: 10x11x5 WT. 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95 ANNUAL FOR RA 101A/ARN-6.....\$5.00

ID-91 B/ARN-6 INDICATOR 0-360 DEG. 3 1/2" DIA. INDICATOR FOR ARN-6 RADIO COMPASS SYSTEM \$8.95

C-149 A/ARN-6 CONTROL BOX BOX CONTAINS THE FOLLOWING CONTROLS. OFF-COMP.-ANT.-LOOP; FUNCTION SWITCH, TUNING METER, LOOP L-R SWITCH, LIGHT CONTROL, DIAL BAND SWITCH, CONTROL SWITCH, TUNING CRANK, AUDIO CONTROL, CW- VOICE SWITCH. \$8.95

BC-733 RECEIVER 108.3-110.3 MC AM

AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-POINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY. OPERATES ON SIX CRYSTAL CONTROL PRESET FREQ. COMPLETE WITH TEN TUBES: 1/12AH7, 2/12SG7, 3/717, 2/12SR7, 1/12SQ7 & 1/12A6. VOLTAGE REQUIRED; 24 VDC & 220 VDC 80 MA. WITH SCHEMATIC. SIZE: 13x5x7 WT: 17 LBS.

PRICE: USED \$5.95 UNUSED \$7.95

I-101C CROSS POINT INDICATOR, USED \$1.95
PL-257 PLUG TO FIT I-101C 1.50

BC-732 CONTROL BOX USED \$1.95 NEW \$2.95
CABLE WITH PL-254 TO FIT BC-733 REC. AND PL-256 PLUG TO FIT BC-732 CONTROL BOX 3 FT. PRICE: \$4.95 PLUGS ONLY 1.50

DM-53 DYNAMOTOR 24 VOLT USED \$4.95 NEW \$6.95
DM-53 AZ " 12 " NEW 7.95

AS-27 RANS HORN ANTENNA \$5.95
PL-284 TWIN COAX PLUG F/BC-733-AS-27 1.00

RECEIVER

R-11A RECEIVER 190-550 KC ONE BAND, 85 KC IF FREQ. WITH TUBES 2/14A7, 1/14S7, 1/14R7, 1/14F7 & 1/12A6 (14 SERIES TUBES ARE LOCAL FILAMENTS ARE WIRED FOR 12-14 OR 24-28 VOLTS, HIGH VOLTAGE REQ. 250 VDC 60MA. NO DIAL, DESIGNED FOR REMOT USE BUT ITEMS LISTED BELOW CAN BE ADAPTED FOR LOCAL TUNING. SIZE: 6x5x11 1/2; WT: 10 LBS. USED \$7.95

BC-473 CONTROL BOX FOR LOCAL USE WITH ADAPTER WITH SET \$3.00 OTHERWISE \$4.00
SPIN TUNING KNOB FOR LOCAL USE #6743 \$1.00



TRANSCEIVER

BC-745 AM TRANSMITTER-RECEIVER COVERING THE FREQ. RANGE OF 2-6 MC PHONE, WITH A RANGE OF FIVE MILES UNDER FAVORABLE CONDITIONS. CRYSTAL CONTROL ON TWO PRESELECTED FREQ. BY USE OF PLUG IN COIL & CRYSTAL ASSY. BC-746. THE SET SIZE IS 6X6X6 AND IS MOUNTED ON A 32" STAFF AND HOUSES THE TELESCOPING ANTENNA WHEN NOT IN USE. COMPLETE WITH TUBES, 1/15S, 3/174 & 5/3S4 & ONE PLUG IN FREQ. ASSY. VOLTAGE REQUIRED 1.5 VDC/54A, 67.5 VDC/20 MA & 105-125 VDC/50 MA. WT: 10 LB
PRICE: USED \$6.95



BC-746 PLUG IN COILS & CRYSTAL ASSEMBLIES CHANNEL #1 3010 KC CHANNEL #12 5030 KC CHANNEL #5 5500 KC CHANNEL #13 5305 KC ONE OF THE ABOVE SUPPLIED WITH PURCHASE OF SET, ADDITIONAL UNITS \$1.00 EA.

T-39 CHEST UNIT THAT WAS USED TO CARRY DRY CELL BATTERIES, ALSO HAS MICROPHONE, PHONE JACK AND NECESSARY CABLE FOR CONNECTING TO RADIO SET. PRICE: USED \$1.95 UNUSED \$3.95

PE-157 VIBRATOR POWER SUPPLY; OPERATES FROM 2 VOLT WET BATTERY BB-54 WHICH IS INSTALLED INSIDE THE CASE THAT SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION OF THE RADIO SET ALSO HAS 4" PM SPEAKER, CARRYING HANDLE AND CABLE FOR CONNECTING TO SET. SIZE: 11x5x8 1/2 WT 17 PRICE: USED \$4.95 UNUSED \$6.95

AMPLIFIER

AM-203B/ARA-19 AMPLIFIER; PART OF REMOTE TUNING SYSTEM AS USED WITH ARN-6 RADIO COMPASS WHICH PROVIDES AN ACCURATE MEANS OF TUNING SET ELECTRICALLY. OPERATES FROM 24 VDC. WITH 2/26A7 TUBES AND 1/12SN7 TUBE. SIZE: 5x6x4 1/2; WT: 6 LBS. PRICE: RE-NEW \$8.95



Headsets — Telephone Equipment — Microphones — Handsets



HS-33 HEADSET
NEWLY MANUF.
HEADBAND & 4 1/2 FT.
CORD WITH PL-55
TYPE PLUG. AIR
FORCE GREY. 600
OHM IMPED. WITH

MX-41/AR MEDIUM RUBBER CUSHIONS \$8.00

MC-162 SMALL RUBBER CUSHIONS. \$6.95



HB-7 HEADBAND ONLY
WITH 4 1/2 FT.
CORD AND PL-55
TYPE PLUG. AIR
FORCE GREY.
\$3.00

MX-41/AR MEDIUM SIZE RUBBER CUSHIONS \$1.25

MC-162 SMALL RUBBER CUSHIONS \$1.00



HS-23 HEADSET
NEWLY MANUF.
MANUF. W/4 1/2
FT. CORD &
PL-55 TYPE
PLUG. AIR
FORCE GREY. 2000
OHM IMPED. WITH
MX-41/AR MEDIUM
SIZE RUBBER
CUSHIONS \$6.95


MC-162 SMALL SIZE RUBBER CUSHIONS \$5.95



H-113/U HEADSET
600 OHM
SOFT PLASTIC
EAR CUSHIONS
18" CORD W/
PL-54 PLUG
THAT FITS
JK-26 JACK
(SEE CD-307
EXTENSION CORD ELSE-
WHERE ON THIS PAGE)
WT: 3LBS. USED-EX \$3.95

H-62 HEADSET SAME AS
H-113/U ONLY IN BLACK
AND HAS PROVISIONS FOR
SNAPPING ON LIP MICRO-
PHONE CW-51071 LISTED
BELOW. USED-EX. \$3.95

CW-51071 LIP MICROPHONE
100 OHMS IMPEDANCE W/
2 SNAPS FOR FASTENING TO
H-62 HEADSET, 14"
CORD W/ PL-291 PLUG
INTO EXTENSION CORD
CD-318 LISTED ON THIS
PAGE OR CW-49561 EXTEN-
SION CORD LISTED BELOW
USED \$1.00



TELEX MRB-12 HEADSET
50-10K CYC. CRY
STAL TYPE.

MICROPHONE ON ADJUSTABLE BOOM, CERAMIC
50-9000 CPS. FIVE FOOT
CORDS WITH PL-55 ON EA.
RE-MOVEABLE RUBBER CUS-
HIONS FOR CLEANING.

BOOM MIC & HEADSET
50,000 OHM... USED \$8.95
4,000 " USED 9.95

HEAD & CHEST SET W/ 6 FT. CORD, SWITCH, PLUGS, MIC.
75 OHM HEAD SET 600 OHM IN WOOD BX. #CAN-2969 5 LBS. NEW \$2.95



T-17 CARBON MICROPHONE
35 TO 90 OHMS, PUSH TO
TALK SWITCH, 5 FT. CORD
WITH PL-68 PLUG. (UNITS
SHIPPED MAY BE ALUMINUM
OR PLASTIC CASES) 1 LB.
USED
\$5.95
RE-COND.
\$7.50

MICROPHONE BUTTON & CAP ONLY FOR T-17, 4 HOLE MTG. #26490 NEW \$2.50




RS-38 MICROPHONE
100 OHM CARBON
PRESS TO TALK
SWITCH ON TOP
5 FT. CORD WITH
PL-68 PLUG. USED \$4.95
UNUSED W/COILED CORD
12"-36" \$7.95 2'-68 \$8.95




DYNAMIC HEADPHONES
50 OHMS IMP.
MOVING COIL
TYPE, FRESH
QUALITY RE-
PRODUCTION,
CHAMOIS CUS-
HIONS AND
"Y" CORD WITH PHONE PLUG.
#ZA/CAN1638 UNUSED \$4.95

CHAMOIS CUSHIONS \$2.50 PR.



TELEPHONE TRANSMITTER CHEST SET;
150 OHM IMPEDANCE
TRIANGULAR SHAPED
BREASTPLATE, HORN
MOUTHPIECE TYPE #
A-1. NO STRAPS.
WESTERN ELECTRIC
#396A \$1.50

CW-49561 EXTENSION CORD
FOR LIP MIC. CW-49561,
T-45, T-30, M/A OR ANY
OTHER CORD WITH MATING
PLUG PL-48/291. HAS PL-
68 MIC. PLUG AND IS 5 FT
WITH MOMENTARY SWITCH.
UNUSED \$1.50



M/A CARBON MICROPHONE
75 OHM IMPE-
DANCE, FITS
OVER MOUTH
TO ELIMINATE NOISE, HELD
IN PLACE BY STRAPS, FREQ
RESPONSE 400-3200 CPS.
1 1/2 INCH CORD WITH PL-
291 PLUG TO FIT CD-318
OR CW-49561 EXTENSION
CORDS DESCRIBED ON THIS
PAGE. NEW \$2.50

SPACE HELMET HEADSET, 600 OHM PHONE 100 OHM MIC. PADDED FRAME. U. \$3.95

TS-9 HANDSET NO PLUGS WITH BUTTERFLY SWITCH & PUSH TO TALK SWITCH & LUGS USED \$3.95


TS-11 HANDSET; 4 COND-CORD, 5 1/2', CARBON MIC 50 OHM, PHONE 3500 OHM, W/PL-106 PLUG. NEW \$4.95



T-45 LIP MIC



T-30 THROAT MIC.
Elements only \$1.00
a dozen



ROANWELL HEAD PHONE & BOOM MIC. WITH LONG OVERSTRETCHED COIL CORD, SW & CANNON XLR-11 C PLUG. #19386 USED \$4.95

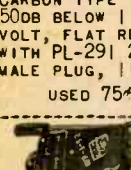


HS-30 HEADSET
250 OHM
IMPEDANCE
HEARING
AID TYPE
EAR PCS.
FIT IN-
SIDE EAR
LIGHT
WEIGHT
HEADBAND
9" CORD W/SPACE
LUGS THAT WIRE
INTO CD-604 FOR
4000 OHM IMPED.
(SEE CD-604)
RE-NEW \$2.50



RS-83 100 OHM CARBON MICROPHONE W/ DETACHABLE UN-CORD 4 1/2' USED \$2.95

SOUND POWERED HANDSET WITH COILED CORD 1-4' STK #D173012 NEW \$7.95



T-45 MICROPHONE
CARBON TYPE 100OHM
500B BELOW 1 MILL-
VOLT, FLAT RESPONDS
WITH PL-291 2 CONT
MALE PLUG, 11" CORD
USED 75¢



T-30 MICROPHONE
CARBON TYPE, 75 OHM
500B BELOW 1 MILL-
VOLT, FLAT RESPONDS
WITH PL-291 2 CONT
MALE PLUG, 11" CORD
PRICE: USED 3/5¢
UNUSED \$1.00



ROANWELL HEAD PHONE & BOOM MIC. WITH LONG OVERSTRETCHED COILED CORD, SW & UG-77 PLUG. #0015 USED \$5.95

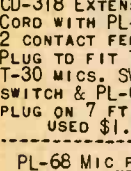


HS-30 HEADSET
250 OHM
IMPEDANCE
HEARING
AID TYPE
EAR PCS.
FIT IN-
SIDE EAR
LIGHT
WEIGHT
HEADBAND
9" CORD W/SPACE
LUGS THAT WIRE
INTO CD-604 FOR
4000 OHM IMPED.
(SEE CD-604)
RE-NEW \$2.50

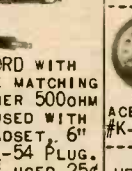


TS-13 HANDSET
CARBON MIC.
50 OHM, PHONE
ELEMENT 3500
"Y" CORD PL-68
& PL-55, BUTTER
USED \$4.95
FLY SWITCH.
USED \$4.95

RUBBER COVERED AS ILL-USTRA \$1.50 CAST ALUMINUM \$2.00



CD-307 CORD EXTENSION
FOR CORDS WITH
PL-54 PLUG AS USED
ON HEADSETS, 65" LG
WITH JK-26 JACK &
PL-55 PLUG.
USED \$1.00



PL-55 RECEPTACLE
WITH
PL-55 PLUG ON END
3 FT. CORD #R16-
G34-820 NEW \$1.00




R-15 PHONE ELEMENT
6000 OHM
W/RUBBER CUSH-
ION F/2" HEAD-
BAND MTC.
\$1.25



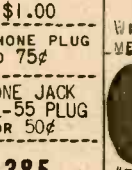
PHONE ELEMENT
F/TS-9K HANDSET
250 OHM, 2 1/2" DIA
W/ CLIPS.
K.S #838 \$1.00



CANADIAN PHONE ELEMENT
100 OHM
1 1/2" DIA. FOR
2" HEADBAND.
#C-3 10A/36988
\$.75



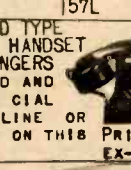
CD-318 EXTENSION CORD
WITH PL-291
2 CONTACT FEMALE
PLUG TO FIT T-45 &
T-30 MICS. SW-141
SWITCH & PL-68 MIC
PLUG ON 7 FT. CORD
USED \$1.00



CD-604 CORD WITH
IMPEDANCE MATCHING
TRANSFORMER 500OHM
TO 4000, USED WITH
HS-30 HEADSET, 6"
CORD & PL-54 PLUG.
NEW 50¢ USED 25¢



PHONE ELEMENT
F/TS-13, H-23 ET
HANDSET, TYPE 41
3500 OHM. AUTO.
ELEC. D-5189A
\$1.00



CANADIAN LIGHTWEIGHT HANDSET
NO CORD
PHONE 300 o
MIC. 50 OHM
#ITE NOI
MK-11
YA-7225
\$3.95



MODEL A-200 \$2.95

ACOUSTICOM CORD-LESS MICROPHONE AND AMPLIFIER
HEARING AID, HEAD
BAND TYPE ASSEMBL
CONSISTS 3/4" MIC.
AND 3 TUBE AMPLI-
FIER WITH VOLUME
CONTROL AND BATT-
ERY COMPARTMENT
MOUNTED IN A
LIGHTWEIGHT HEADBAND. USES MERCURY
BATTERY RM-1H & MINI-MAX 15 V.
504E EVEREADY. PRICED WITH TUBES,
-EBS BATTERIES AND PHONE UNIT-
#A200 NEW: \$2.95

COILED CORD SET

COILED CORD SETS

THREE CONDUCTOR
24" TO 72" 75¢
12" TO 36" 50¢

FOUR CONDUCTOR
12" TO 36" \$1.00

ONE CONDUCTOR
#18 6 FT.-18 FT.
\$1.00

MC-385 HIGH TO LOW ADAPTER

IMPEDANCE FOR HEADSET
4000-600 OHM
USED \$1.50
NEW \$1.75

HEADSET EARPHONE CUSHIONS
SPONGE RUBBER FOR
2 1/2" ELEMENTS.
#48514 \$1.00 PAIR

DIAL ONLY \$1.95 EXCEL COND \$2.50

HANDSET HOLDER FOR HORIZONTAL MOUNTING, SIZE 1 1/2x3 1/2 #6988 \$1.50

STANDARD TELEPHONE HANDSET & BELL RINGERS
CAN BE USED AND ANY COMMERCIAL TELEPHONE LINE OR SYSTEMS ON THIS PAGE. PRICE: \$6.95 EX-CONDITION

STANDARD TELEPHONE HANDSET & CORD
PRICE: \$4.95 EX-CONDITION

TELEPHONE BELL FOR MAGNETO GENERATORS
MC-131 \$1.50

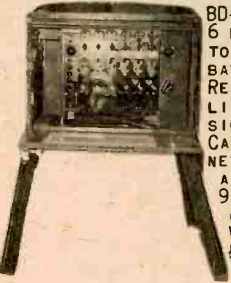
PUSH BUTTON & CALL SIGNAL LIGHT SAME SIZE AS TELEPHONE DIAL. MAKE OWN INTERCOM. \$3.99 EA. \$3/\$1.00

TELEPHONE BELLS USE AS EXTENSION IN SHOP ETC. 2 LB. 4x4 1/4 483661A \$1.50

TELEPHONE EQUIPMENT



EE-8 FIELD TELEPHONE, PORTABLE HAND RINGING TYPE. CAN BE USED WITH ANY MAGNETO TYPE SYSTEM SWITCHBOARD AS BD-71, 72, 89, 91, 96 ETC. OPERATES FROM 2 FLASHLIGHT BATTERY UP 17 MILES, TWO OR MORE PHONES CAN BE OPERATED ON TWO WIRE LINE. WITH CARRYING CASE, STRAP & HANDSET.
 SIZE: 8x10x3 1/2; WT: 18 LBS.
 USED CHECKED LESS BATT. \$14.95



BD-71 SWITCHBOARD, PORTABLE 6 LINE HAND RINGING MAGNETO TO TYPE USING FLASHLIGHT BATTERIES FOR OPERATION. REPEATING COILS ON TWO LINES FOR SIMPLEXING, DROP SIGNAL AND NIGHT CALL BELL CAN BE USED WITH ANY MAGNETO TYPE TELEPHONES SUCH AS EE-8, RM-29, BD-72, 89, 91, 96 ETC. IDEAL FOR FACTORY, CAMP, FARM, MOTEL.. WITH CHESTSET MICROPHONE & HEADSET. LESS BATTERIES
 SIZE: 18x12x14; WT: 75
 USED \$9.95 RE-NEW \$14.95



BD-89 SWITCHBOARD, SINGLE POSITION, TWO PANEL NON-MULTIPLE, MANUALLY OPERATED TELEPHONE SWITCHBOARD. MAGNETO & COMMON BATTERY LINES. 20 MAGNETO, 40 CB, 4 TWO WAY MANUAL, DIAL DROP ENO TRUNK CKT, 5 CONFERENCE JACKS, 3 OUTGOING CKT., 2 THRU-LINE & 13 UNIVERSAL CORD CKT. WITH CHEST MICROPHONE & HEADSET.
 SIZE: 52x22x31; WT: 300 LBS.
 USED \$59.50

WD-1/TT INFANTRY FIELD WIRE; 2 COND. TWISTED PAIR 4 TINNED COPPER, 3 GALV. STEEL, NYLON JACKET WEATHER MOISTURE & FUNGUS RESIS.



APPROX. 1200 FT. ON METAL SPOOL \$15.00; APPROX 1 MILE ON METAL SPOOL 4 LENGTH OF APPROX 1250 FT. \$40.00; COND. USED GOOD
 WD-7 COPPER WELD FIELD TELEPHONE WIRE; 2 COND. TWISTED PAIR EACH COND. 7 STRAND #28 COPPER WELD. NEW MANUFACTURE. \$.03 PER FT. 1000 FT. OR MORE \$.025 PER FOOT.



BD-95 SWITCHBOARD: CORDLESS LOCAL BATTERY UNIT EQUIPPED WITH LINE LAMP SUPERVISION AND DESIGNED FOR SWITCHING LOCAL BATTERY LINES MAGNETO TYPE, MAY BE MODIFIED FOR COMMON BATTERY LINES ALSO CAN BE USED WITH OTHER TRUNK, TIE LINE LOCAL BATTERY SWITCHBOARDS.
 RE-NEW
 SIZE: 22x14x14; WT: 250 LBS. PRICE: \$24.95



A-202 CODE PRACTICE TELEGRAPH KEY WITH BUZZER AND CORD. ADJUSTABLE KEY WITH ADJUSTABLE BUZZER THAT WILL OPERATE FROM 9-12 VOLT D.C MOUNTED ON BLACK BAKELITE BOARD WITH ENOUGH ROOM TO REST FIST, RUBBER FEET ON BOTTOM.
 KEY SIZE 4x1 1/2x1 1/2, BUZZER SIZE 1 1/2x1 1/2x1 1/2; BOARO 3 1/2x7 1/2; WT: 1 1/2 LB
 PRICE: NEW \$1.50

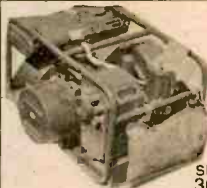


TG-10 KEYSER IS A AUTOMATIC UNIT FOR PROVIDING AUDIBLE CODE PRACTICE SIGNALS FROM A INKED TAPE RECORDING. THE OUTPUT OF THE KEYSER IS AN AUDIO FREQ. NOTE OF 800 CYCLES PER SEC. WITH SUFFICIENT POWER TO SUPPLY A NUMBER OF HEADSETS OR PRACTICE TABLES DIRECT CAN ALSO BE USED AS A TELEGRAPH KEY AMPLIFIER OR TAPE PULLER FOR A RECORDER. OPERATES FROM 115 VOLT 60 CYCLE. COMPLETE WITH TUBES; 2/6N7, 2/6L6, 2/6S7, 1/5U4 & 1/923.
 SIZE: 24x11x18; WT: 63 LBS.
 PRICE: USED CHECKED \$19.95 NOT CHECKED \$14.95



VO-3 OSCILLATOR IS AN ELECT-AUDIO TONE GENERATOR WITH A 10 WATTS OF POWER OUTPUT AT A FREQ. OF 800 CYCLES PER SEC. THIS POWER IS ADEQUATE FOR SUPPLYING TONE TO 200 HEADSETS THAT CAN BE KEYSER BY THE INSTRUCTOR OR STUDENTS AND FEED INTO A SPEAKER OR RECORDER. OPERATES FROM 115 VOLT 60 CYCLE, COMPLETE WITH TUBES 1/6SN7, 1/5U4 & 2/6V6GT, OUTPUT 4, 8, 12 & 16 OHMS. SIZE: 12x10x7 1/2; WT: 24 LBS.

GAS ENGINE GENERATOR



COMPACT, LIGHTWEIGHT, PORTABLE ELECTRIC GENERATING SET CONSISTING OF A 1 HP, 3000 RPM 1 CYLINDER, AIR COOLED, 2 CYCLE, MANUAL ROPE STARTING GASOLINE ENGINE DIRECTLY CONNECTED TO A DC, SHUNT WOUND, SELF EXCITED, FOUR POLE GENERATOR CONTAINED IN A FRAME OF TUBULAR CONSTRUCTION MOUNTED ON A RUBBER SHOCK MOUNTING. GENERATOR OUTPUT IS 6.2/7 VDC 3.5 AMP. AND 500 VDC 230/250 MA. UNIT HAS JUNCTION BOX FOR CONNECTING CABLES FOR USE WITH USE WITH RADIO SETS SCR-694/BC-1306, AN/GRC-9/RT-77 AND IS APPLICABLE TO OTHER EQUIPMENT. COMPLETE WITH TOOL AND INSTRUCTION BOOK. SIZE: 17 1/2x16 1/2x11 WT: 57 1/2 SHPG. WT: 125 LBS.
 NEW \$39.95



MULTIPEX

PHILCO CST-2 SIGNALING AND TERMINATION UNIT. FOR USE IN MULTIPLEX SYSTEMS FOR TRANSMISSION OF DIAL OR RINGDOWN SIGNALING AND TERMINATES A FOUR WIRE CIRCUIT OF THE MULTIPLEX INTO A TWO WIRE TELEPHONE CIRCUIT. A 3.5 KC TONE IS USED FOR SIGNALING. ALSO HAS CONTROLS FOR PROPER ATTENUATION OF VOICE LEVEL. OPERATES FROM 115 V. 60 CYC. AND IS COMPLETE WITH 2/12AU7 TUBES, RELAYS, RACK MGT. 19x4 1/2x12; WT: 25 LBS.
 PRICE: UNUSED \$9.95



GENERAL ELECTRIC MODULATOR NO. 4UX10C1. TELEPHONE-TELEGRAPH TYPE UNIT FOR RACK MOUNTING, DUAL CHANNEL OPERATION USING 12AT7, 12AV7 AND 12AT7 EA. CHAN. FEEDING 12AV7, SEVEN TUBES IN ALL. TWO TRANS. 600 OHM CT. PRI. 250K OHM SEC. SIZE 1 1/2x1 1/2x2, TWO RELAYS OPRT AUTOMATIC #7772962-33, FOUR SO-239 COAXIAL CONNECTORS FOR TIMER AND VIDEO. SEVEN VARIABLE CONTROLS AND 6 TEST JACKS.
 SIZE: 19 1/2x7x7; WT: 15 LBS. UNUSED \$7.95

COMPUTER CONTROL

CP-53/APC-31 COMPUTER AZIMUTH CONTROL UNIT. CONTAINS A GYRO UNIT, 5 SYNCHRO 1 1/2" TYPE 400 CYCLE, 2 SPERRY DC SERVO MOTORS R5663916, RELAYS, TERMINAL STRIPS, SEVERAL SIZES OF GEARS, RESISTORS, CONDENSERS, TWO SERVO AMPLIFIERS # 673097 (PLUG IN TYPE) WITH 6 TUBES, AND HEATING ELEMENT. ALSO 115 V. 400 CYC. 1 1/2" ELAPSED TIME INDICATOR. SIZE: 11x9x15 1/2; WT: 18 LB. \$7.95



RM-52 REMOTE CONTROL UNIT (MACY'S PHONE PATCH) USED FOR RE-CONTROL OF RADIO SET, OPERATES FROM 4 FLASHLIGHT BATTERIES. HAS MULTI-TAP TRANSFORMER, MIC, PHONE HIGH/LOW IMPEDANCE & JACKS. BASIC UNIT FOR MAKING MACY'S PATCH.
 SIZE: 7 1/2x3 1/2x5 1/2; WT: 5 LBS.
 PRICE: USED \$1.95 NEW \$2.95



RM-53 REMOTE CONTROL UNIT BASICLY THE SAME AS RM-52 ONLY IT HAS A 3 POSITION SWITCH AND CORDS WITH PL-55 AND PL-68 PLUGS.
 SIZE: 8 1/2x4 1/2x4 1/2; 6 LBS

USED W/PLUGS & CORDS \$2.95
 " L/ " " 1.95



RT-7/APN-1 RADIO AIRCRAFT ALTIMETER RECEIVER-TRANSMITTER FM 418-462 MC. INDICATES ON INSTRUMENTS 10-14 /APN-1 & SA-1/ARN-1 SHOWN ELSE WHERE IN THIS CATALOG. WITH TUBES 3/12SJ7, 4/12 SH7, 2/12H6, 2/955, 2/9004 & 1/VR-105 ALSO 24VDC DYNAMOTOR THAT SUPPLIES THE HIGH VOLTAGE.
 SIZE: 8x18 1/2x8 1/2; WT: 25 LBS. PRICE: NEW \$12.95
 MT-14 MOUNTING FOR RT-7/APN-1 \$2.75
 ID-14 /APN-1 RADIO ALTIITUDE METER 1.50
 SA-1/ARN-1 ALTIITUDE LIMIT SWITCH 1.50
 AT-4/APN DI-POLE ANTENNA USED CRACKED IN 2.95
 CONNECTOR PLUGS TO FIT R/T-IND-METER EA. 1.50

U.H.F. TUNERS

ULTRA HIGH FREQUENCY ASSY. TUNING UNIT USING 2C39 TUBE AS DRIVER AND A 2C39 AS A POWER AMPLIFIER. FREQ. OUTPUT 225-350 MC. 6F4 TUBE USED AS OSCILLATOR 112-175 AND 6F4 DOUBLER CIRCUIT. TUNED CIRCUITS ARE GANGED FOR SINGLE KNOB CONTROL ALSO HAS HAYDON 4.5 V. 75 MA. 12 RPM TIMER MOTOR. REMOVED FROM ARC-12 EQUIPMENT.
 SIZE: 10x6 1/2x4; WT: 7 LBS. #K9-10362
 PRICE: LESS TUBES \$3.95



ULTRA HIGH FREQUENCY TUNER; CONSISTS OF RECEIVER R.F. AMPLIFIER, MIXER AND H.F. OSCILLATOR, 225 TO 350 MC. OUTPUT TO I.F. 15.1, USES 6/6AK5 AND 1/6AS6 TUBES. ALSO CRYSTAL BETWEEN 13 AND 41.5 MC. VARIABLE CONDENSERS 1/4 GANG 4-24 MMFD. PER SEC. OTHER 4 GANG 3 SEC. 4-25 MMFD. 1 SEC. 5-41 MMFD. SINGLE DIAL CONTROL. REMOVED FROM ARC-12 EQUIP. SIZE: 8 1/2x5x3; 4 LB. KS-10329 LESS TUBES
 PRICE: \$1.95



TELETYPE PAPER

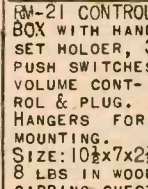
TELETYPE PAPER 8 1/2 INCHES WIDE 4 1/2 INCH DIAMETER THREE SHEETS OF PAPER 2 SHEETS CARBON, 4 LBS. PRICES: EACH ROLL 50¢; 12 ROLLS \$5.00

TELETYPE PERFORATOR TAPE 11/16" WIDE APPROX. 900 FT. OILED, 10 ROLLS \$2.50



GENERATOR

GN-41B LARGE HAND CRANK GENERATOR WITH PERMANENT MAGNETS. USED TO RING TELEPHONE LINES, HAS OUTPUT OF APPROX 100 VOLTS DEPENDING ON SPEED THAT CRANK IS TURNED. CAN ALSO BE USED AS SHOCK MACHINE, LIGHT SMALL PILOT LITES DRIVE WORMS OUT OF THE GROUND BY WIRING THE OUTPUT THE METAL STAKES AND PUSHING THEM INTO THE LAWN AND FOR OTHER USES.
 SIZE INCLUDING CRANK 6 1/2x3x2 1/2; WT: 3 LBS \$3.95



RM-21 CONTROL BOX WITH HAND SET HOLOER, 3 PUSH SWITCHES VOLUME CONTROL & PLUG. HANGERS FOR MOUNTING.
 SIZE: 10 1/2x7x2 1/2
 8 LBS IN WOOD CARRYING CHEST.
 \$3.95



TELEPHONE WALL TYPE DIAL
 SIZE: 5 x9 1/2 x6; 10 LBS.
 #JENN-WAT USED \$9.95

MAGNETIC AMPLIFIER

TRANSMITTER SUB-ASSY. FILAMENT CHASSIS, PART OF AN/ALT-8 COUNTERMEASURES SET. CONSISTS OF CK927 FULL WAVE RECTIFIER CK843 SILICON RECT., TWO CK846 SILICON RECT., MAGNETIC AMPLIFIER TRANS. FIL. TRANS. 115/400CYC. SEC. 6.3/6A. MINIATUR POTS. AND DPST RELAY ALL MOUNTED ON CHASSIS
 7 1/2x3x3 1/2; WT: 3 LBS. PART #2527-501-G1
 PRICE: NEW \$1.95



TS-545 ECHO BOX ; USED FOR CHECKING RADAR SETS IN THE FREQ. RANGE 1150 TO 1350 MC. TUNED CAVITY MANUAL TYPE METER 3 1/2" 0-100 DC MICRAMPERS.
 SIZE: 16x9x9; WT: 23 LBS. USED \$39.50

TS-270 ECHO BOX; SIMILAR TO ABOVE ONLY FREQ. 2630 TO 2970 MC.
 PRICE: USED \$39.95



TG-34A KEYSER:

CODE PRACTICE SET USED TO REPRODUCE SIGNALS PREVIOUSLY RECORDED ON INKED PAPER TAPES. VARIABLE SPEED MOTOR, KEYING OSCILLATOR WITH SPEAKER AND PHONE JACK. OPERATES FROM 115/230 50/60 CYC. HOUSED IN PORTABLE CARRYING CASE.
 SIZE 15x10x10; WT: 40 LBS.
 PRICE: RE-NEW, CHECKED \$24.95



BLANK PAPER TAPE FOR TG-34 & TG-10 3/8" WIDE 800 FT. LONG, APPROX. 8" REEL . PRICE: 5 REELS FOR \$1.25

DYNAMOTORS

TYPE	INPUT VOLTS	INPUT AMPS.	OUTPUT VOLTS	OUTPUT AMPS.	SIZE	WEIGHT	EQUIPMENT USED WITH	PRICES		
								USED	RE-NEW	
DM-21	14	3.3	235	.090	6x5x3	8	BC-312	\$4.95	\$7.95	
DM-28	27.9	1.25	220	.070	3x3x4 1/2	3	BC-348	4.95		
DM-25	12	2.2	250	.050	3x3x4 1/2	3	BC-367	2.95	4.95	
DM-45	24	1.1	250	.050	3x3x4 1/2	3	BC-667	2.95	4.95	
DM-34	14	2.8	220	.080	3x4 1/2 x 6 1/2	5	BC-603-683	2.95	4.95	
DM-36	28	1.4	220	.080	3x4 1/2 x 6 1/2	5	BC-603-683	2.95	4.95	
DM-40	14	3.4	172	.138	7x5 1/2 x 3 1/2	7	BC-652	3.95		
DM-41	28	1.7	172	.138	7x5 1/2 x 3 1/2	7	BC-652	4.95		
DM-42	12	3.9	515	.215						
DM-43	24	19.5	1030	.260	7x7x11	38	BC-653	4.95		
			515	.215						
DM-53AZ	14	2.8	1030	.260	7x7x11	38	BC-653	2.95	9.95	
DM-53	28	1.4	220	.080	4x3x3 1/2	3	BC-733	3.95	4.95	
			220	.080	4x3x3 1/2	3	RC-733		N	
DM-32	28	1.1	250	.060	4 1/2 x 3 1/2 x 3	3	VARIOUS	2.95	4.95	
DY-2/ARR-2	SAME AS ABOVE		DM-32 ONLY	IS A LATER NUMBER.						
35x032	14	2.2	250	.060	4 1/2 x 3 1/2 x 3	3	AS DM-32		4.95	
DM-33	28	5	575	.160	6 1/2 x 3 1/2 x 3 1/2	6	BC-456	9.95		
DM-35	12.5	18.7	625	.225	8 1/2 x 4 1/2 x 4 1/2	13	VARIOUS	20.00		
DM-37	25.5	9.2	625	.225	8 1/2 x 4 1/2 x 4 1/2	13	"	4.95		
BD-69	14	2.8	220	.080	6 1/2 x 6 x 4 1/2	10	VARIOUS	3.95		
BD-77	14	39.0	1000	.350	11 x 10 x 6 1/2	40	BC-191	12.95		
BD-83	14	6.5	375	.150	6 1/2 x 5 1/2 x 4 1/2	10 1/2	SCR-183	7.95		
BD-93	28	3.2	375	.150	6 1/2 x 5 1/2 x 4 1/2	10 1/2	SCR-283	4.95		
PE-73	28	19	1000	.350	11 x 10 x 6 1/2	39	BC-375	WRITE F/PRICE		
PE-86	28	1.25	250	.060	5x5 1/2 x 3 1/2	3 1/2	VARIOUS	2.95	4.95	
PE-94	28	10.5	300	.260	12x5x8	35	SCR-522	4.95		
			150	.010						
			14.5	5.0						
PE-94	SAME AS ABOVE		DYNAMOTOR ONLY						4.95	
PE-98	14	21.0	300	.260	12x5x8	35	SCR-522	5.95	9.95	
			150	.010						
PE-98	SAME AS ABOVE,		DYNAMOTOR ONLY, NO FILTER.				VOLTAGE REG. RELAY	3.95	5.95	
PE-101	13/26	12/6	400	.135	14x4x7	15	BC-645	4.95	7.95	
			800	.020			ABA			
			9 v 80cyc	1.12A						
PE-133	12	2.3	230	.090	4x7x6 1/2	1	BC-1003	4.95	6.95	
DY-1	14	2.4	250	.060	3x3 1/2 x 4 1/2	3	VARIOUS		4.95	
DY-2	28	1.2	250	.060	3x3 1/2 x 4 1/2	3	"	2.95	4.95	
DY-9	26	4.3	360	.135	9x5x3 1/2	10	"	9.95		
DY-10	13/26	4.3/8.7	"	"	"	11	"	12.95		
DY-21	27	7.0	410	.325	7 1/2 x 3 x 3 1/2	9	T-67/ARC-3	7.95		
DY-22	27	1.8	210	.125	3 1/2 x 3 1/2 x 6	5	R-77/"	4.95		
DY-17A/ART-13A	EICOR		ML-5023-1	SPECIAL						
	28	33	1190	.350	6 1/2 x 8 x 12	33	T-47A/ART-13	15.00	20.00	
DY-17	27	32	410	.400	"	30	"			
DY-17	27	33	750	.350	"	30	"	12.95		
			400	.750						
DY-17	DYNAMOTOR ONLY		LESS FILTER BASE						6.95	
DA-1A	28	1.6	230	.100	3 1/2 x 3 1/2 x 5 1/2	6	VARIOUS	3.95	6.95	
DA-1F	25	14.8	540	.450	4 1/2 x 4 1/2 x 8	15	"		9.95	
DA-12	12.5	29	540	.450	"	15	"		20.00	
	25	14.8	"	"						
DA-14	14	3.3	230	.100	3 1/2 x 3 1/2 x 6	6	"	4.95	6.95	
DA-19	28	11	400	.400	8x4 1/2 x 4 1/2	13	"	4.95	6.95	
D-401	12	9.9	400	.180	4x4 1/2 x 7	10	T.C.S.	6.95	6.95	
D-401SP	12	9.9	440	.200	"	10	TCS/CP	6.95	8.95	
D-402	12	3.8	220	.100	3x3x5 1/2	3	T.C.S.	4.95		
41S6	13	13.0	300	.225	8 1/2 x 4 1/2 x 4	10	VARIOUS	7.95		
			250	.060						
377	14	8.0	425	.163	5 1/2 x 6 x 8 1/2	13	"	6.95	9.95	
21772	12	3.0	235	.075	6x5x4	7	"	4.95		
12B6534	24	1.75	300	.070	3x3x4 1/2	3	UNK	4.95		
DMX310	12	2.8	150	.100	3x3x4 1/2	3	"	4.95		
D101	27	1.75	285	.075	3x3x4 1/2	3	"	4.95		
PM-0516	12/24	8/4	275	.110	7 1/2 x 4 1/2 x 3	6	RT-7/APN-1	3.95	5.95	
			600	.175	7x4 1/2 x 4 1/2	8	MARK 11 #3		6.95	
VRC-2	5.5	31	600	.175	7x4 1/2 x 4 1/2	8	T-193	7.95		
259K1003	24	7	405	.270	7x4x5	12	MOTOROLA	6.95		
MP-10G	24/28	27	1100	.400	10 1/2 x 6 1/2	30	TA-2	16.95		
SU-125	THE ABOVE ITEM IS		DYNAMOTOR ONLY							
MA-2503	6	3.6	250	.030	3 1/2 x 5 x 3	6	BC-1323	4.95		
DMF-519H	28	18	630	.500	8x4 1/2 x 4	10		14.95		
DYA4223F	28	28	1000	.500	8 1/2 x 4 1/2	15		9.95		
CARTER										
633BS2B	12	25	650	.300	6x4x3 1/2	12	NEW MANUF.	20.00		

INVERTERS



EICOR INVERTER X3516-1
 INPUT: 27.5 VDC 165 AMPS.
 OUTPUT: 115 VOLT 400 CYCLE
 2500 V.A 1 PHASE
 SIZE: 16x11 1/2 x 8; WT: 75 LBS.
 EXCELLENT COND. \$49.50

PE-218D INVERTER
 INPUT: 25/28 VDC 80-90 AMP
 OUTPUT: 115 V 400 CYCEE
 13 AMP; 1 PHASE
 SIZE: 17x10x9; WT: 75 LBS.
 PRICE: UNUSED \$50.00

5D21NJ3A INVERTER
 INPUT: 27 VDC 35 AMPS.
 OUTPUT: 115 VAC 400 CYCLE
 1 PHASE 2.17 AMPS.
 USED \$16.95 UNUSED \$24.95

MG-153 INVERTER
 INPUT: 24 VDC 52A 1000 VA
 OUTPUT: 115 V 400 CYCLE
 3 PHASE 750 VA & 26 V 400
 CYCLE 1 PHASE 250 VA.
 PRICE: USED \$24.95

INVERTER
 INPUT
 27.5VDC 60A
 OUTPUT
 115 V 400 CY
 750 W 3 PHASE
 26 V 400 CY
 50 W 1 PHASE
 SIZE 11x10x6; WT: 40 LBS.
 LELAND#10285 USED \$34.95

INVERTER
 INPUT
 27 1/2 VDC 22A
 OUTPUT
 115V 400 CY
 3 PH 250 VA
 SIZE 9x6x4; WT: 15 LBS
 ECLIPSE#E-1617-1 USED \$14.95

800-1-A INVERTER

INPUT: 24 VDC
 675 AMPS.
 OUTPUT: 115
 V.800 cyc.
 1 PHASE
 10.5 AMPS.
 WT: 35 LB.
 SIZE: 4 1/2 x 8 x 1 1/2.
 UNUSED \$14.95

SOLID INVERTER

SOLID
 STATE
 SUPPLY
 12 VDC
 115VAC
 DESIGNED FOR USE WITH REMOTE READING MAGNESIUM COMPASS SYSTEM. NEW MANUFACTURE.
 OUTPUT 26 V. 400 CYC 100 MA
 SIZE: 5x2 1/2 x 1 1/2; WT: 2 LBS.
 #WS-957 FOR 12 VDC \$16.95
 #WS-115 FOR 115 VOLT 60 CYCLE \$24.95

TRANSISTORIZED

TRANSFORMER FOR
 TRANSISTORIZED
 POWER SUPPLY.
 FROM 12 VDC IN-
 PUT OUTPUT 450
 VDC 200 MA. HAS
 IRON CORE FEED-
 BACK WINDING (10
 00 CYCLE) CIRCUIT DIAGRAM
 FURNISHED. SIZE: 2 1/2 x 2 1/2 x 2 1/2;
 WT: 2 LBS. #150-95 \$3.95

VIBRATOR

POWER SUPPLIES

VIBRATOR
 PACK 12 VDC
 INPUT, 275
 VDC @ 80 MA.
 OUTPUT SELF
 RECTIFYING.
 SIZE: 5 1/2 x 6 x 3
 WT: 7 LBS.
 MALLORY-369
 USED \$4.95

MALLORY#12B300C; 12 VDC @
 3 AMPS. INPUT, 300 VDC 100
 MA. OUTPUT. SIZE: 6 1/2 x 4 1/2 x 3 1/2
 WT: 10 LBS.
 PRICE: LESS RECTIFIER TUBE
 USED \$4.95

TBY VIBRATOR PACK CLG20144
 INPUT 4 VDC @ 2.5 AMP.
 OUTPUT 156 VDC @ 35 MA. 1.5
 VDC @ 190 MA. & 7.5 VDC @
 35 MA. SIZE: 6 1/2 x 4 1/2 x 3 1/2;
 8 LBS
 USED \$4.95

PE-104 POWER
 CONVERTER.
 6 OR 12 VDC
 INPUT, OUTPUT
 90 VDC, 1 1/2 VDC AND -45 VDC.
 SIZE: 4x4x7; WT: 10 LBS.
 NEW \$3.95 W/EXTRA VIB. \$4.95

PP-855/PRC-14 VIBRATOR

POWER
 SUPPLY
 WITH FILTER NETWORK.
 6 VOLTS DC INPUT, 5.35 AMP
 OUTPUT 135 VDC @ 155 MA.
 SIZE: 7 1/2 x 2 1/2 x 2 1/2; WT: 3 LBS.
 NEW \$4.95

DUAL SIX VOLT
 D.C VIBRATOR
 POWER SUPPLY.
 OUTPUT 540
 VDC @ 150 MA.
 CAN BE TAPPED
 AT 270 VDC.
 WITH 2/024 TUBES.
 SIZE: 9x6x5; WT: 10 LBS.
 STK#3H6694-5 NEW \$7.95

PE-237
 POWER
 SUPPLY
 FOR
 BC-1306
 GRC-9

VIBRATOR TYPE WITH 1005 &
 1006 TUBES ALSO VB-16 VIB.
 VOLTAGE REQ. 6 OR 12 OR 24
 VDC, OUTPUT 525 VDC @ 90MA
 105 VDC @ 42 MA. 6.5 VDC
 @ 2 AMP, 6 VDC @ 500 MA.
 1.3 VDC @ 450 MA. & 130 VD
 @ 17 MA. SIZE: 10x10x17;
 WT: 85 LBS. RE-COND. \$19.95

PE-120 POWER
 SUPPLY FOR
 BC-659 BC-620
 TRANS. RECEIV
 ER. VIBRATOR
 TYPE VOLTAGE
 REGULATED.
 WITH TUBES
 VR-105/0B-3, 1005 & BALLAS
 VOLTAGE INPUT 6 OR 12 OR 24
 DC OUTPUT 145 @ 175 MA, 90
 @ 40 MA & 1.5 @ 75 AMP.
 SIZE: 4 1/2 x 13 x 15 1/2; WT: 30 LB6
 RE-COND. \$7.95

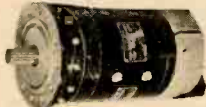
PP-18 CONVERTER
 12 VDC 4 AMP TO
 24 VDC 1.5 AMP.
 PARRALLEL FOR
 MORE CURRENT.
 WITH SPARE VIB-
 BRATOR & 3500
 MFD. 25 VOLT CAP. ALSO PLUG
 SIZE: 6 1/2 x 5 1/2 x 8 1/2; WT: 10 LBS.
 NEW \$4.95

GENERATOR

GENERATOR
 G - 24
 AC - DC
 115 V. 800 CYC 10.5 AMPS.
 24 V. D.C. 60 " "
 SPLINE SHAFT SIZE 7/8x1 1/2
 SIZE: 6 1/2 x 7 1/2 x 13; WT: 45 LBS.
 RE-COND. \$24.95

MOTO - GEN

MG-253 MOTOR
 GENERATOR
 115 VOLT D.C
 2.4 AMP. IN-
 PUT, OUTPUT
 115 VOLT 400
 CYCLE 1.22A.
 SIZE: 15x12x8
 WT: 83 LBS.
 UNUSED \$25



BENDIX GENERATOR 12 VOLTS
 D.C. 50 AMPS. SPLINED SHAFT
 3/4x1 1/2, 6" FLANGE. 12 MOUNT-
 ING HOLES, 3500-4000 R.P.M.
 SIZE: 6x11; WT: 36 LBS.
 #R-86-EC310-27A NEW \$12.95

AUTOMOTIVE

METERS

METERS LISTED BELOW DO NOT HAVE CASES OR GLASS.



ROUND 2 1/2" METER ONE (1) MA. MOVEMENT 35 DIVISIONS MARKED THOUSANDS. NO CASE OR GLASS PRICE: \$1.25 #6412558

FAN SHAPED 3" METER 500 MICROAMP 0-60 SCALE MARKED RPM HUNDREDS. NO CASE OR GLASS #286-276 PRICE: \$1.95

FAN SHAPED METER 3" ONE (1) MA. 0-70 SCALE NO MARKINGS. NO CASE OR GLASS. #186 PRICE: \$1.50

ROUND 3" ONE (1) MA. MOVEMENT, 60 DIVISIONS SCALE, MARKED RPM 100's TACH. #6412205 PRICE: \$1.75

SAME AS ABOVE ONLY FLAT FACE SCALE MARKED 0-80 RPM HUNDREDS. #6412752 PRICE: \$1.95 NO CASE OR GLASS WITH METER

ROUND 5" ONE (1) MA. MOVEMENT 0-70 SCALE MARKED RPM/100 #6468347 PRICE: \$2.50

SAME AS ABOVE 4" RPM HUNDREDS #6412395 PRICE: \$2.25

SAME AS ABOVE 3" RPM HUNDREDS PONTIAC #6412368 \$2.00

SQUARE 4 1/2 x 4 ONE (1) MA MOVEMENT 0-70 SCALE MARKED RPM 100's TACH. #6412705 \$2.50

ALL OF THE ABOVE METERS DO NOT HAVE CASES OR GLASS.

ONE MILLIAMPER MOVEMENTS ONLY AVAILABLE HALF PRICE METER

TELEREGISTER READOUT



IMPLUSE COUNTER RACHET TYPE NUMBERED 1-2-3-4-5-6-7-8-9-0, OPERATES FROM 12 VOLT DC NUMBER SIZE 3/8x1, MASK SIZE 1-3/8x1-7/8 LENGTH 4" WT: 3/4 LB. #TELEREGISTER K-1 PRICE: 79¢ EA. 2 FOR \$1.50

BRUSH SETS

DY-12
DY-17
\$3.00
PER
SET



DM-21	DM-25	DM-28	DM-32
DM-33	DM-34	DM-35	DM-36
DM-37	DM-40	DM-41	DM-42
DM-43	DM-45	DM-53	DM-64
BD-83	BD-77	BD-93	BD-69
PE-73	PE-86		
DA-1A	DA-12	DA-14	DA-1F
DY-1A	DY-22		SP-125

OTHER TYPES ALSO AVAILABLE SET OF FOUR BRUSHES \$1.00

TIME-O-MATIC SIGN CONTROL MODEL 53 K-156 115 VOLT 60 CYC. TWO CONTACTS 15 AMPERES EACH, ONE CONTACT MAKES & BREAKS EACH SEC. THEN MAKES FOR 7 SEC. OTHER CONTACT MAKES FOR 11 SECONDS THEN BREAKS FOR 3 SECONDS JUST AFTER FIRST CONTACT FINISHES MAKING & BREAKING SIZE: 2x4 1/2 x 6; 3 LB. \$2.95

TIME-O-MATIC SIGN CONTROL MODEL 53 K-155 115 VOLT 60 CYCLE, THREE CONTACTS 15 AMPERES EACH, TWO (2) CONTACTS ALTERNATE MAKE AND BREAK ONCE PER SECOND FOR 15 SECONDS, OTHER CONTACT BREAKS FOR 20 SEC. WHILE THE OTHER 2 ARE ALTERNATING THEN ALL 3 MAKE AT THE SAME TIME. THEN CYCLE REPEATS AGAIN. SIZE: 3x5 1/2 x 6; 3 1/2 LBS. \$4.95

SYNCHRON CLOCK MECHANISM, No. 610 110 V. 60 CYC. 3 WATT 1 RPM MOTOR 143RA WITH GEAR ASSY WITH RESET. ALSO DUST COVER. SIZE: 3x3 1/2 x 2; 1 LB. #33-18-C1 \$1.75

SYNCHRON CLOCK MECHANISM, No. 610 110 V. 60 CYCLE 3 WATT 1 RPM #EC-129RB, WITH GEAR ASSY, NO RESET OR COVER. 2x2x2 1/2; 4oz. \$1.35

HAYDON TIMER ADJUSTABLE RESET 0-10 MINUTES, 115 VOLT 60 CYCLE 5 W. 1/10 RPM MOTOR MICROSWITCH 1 SIDE NORMALLY OPEN OTHER NORMALLY CLOSED. SIZE: 2 1/2 x 3 x 2 1/2; WT: 6 OZ. No. B5901-3 \$4.95

RATE-GYRO No. 8511364 28 VOLTS D.C. GYRO MOTOR WITH POTENTIOMETER. WESTERN ELECTRIC GA-10147-3 SIZE: 2 1/2 x 2 1/2 x 4; WT: 3 LB. \$4.95

FT-384 ADAPTER FOR TESTING BC-603/683 RECEIVERS.

PLUGS IN REAR OF SET AND HAS METERING SWITCH, BINDING POSTS FOR METER. USED FOR CHECKING VOLTAGES AND ALIGNMENT PURPOSES. WITH 6' BATTERY CABLE. SIZE: 4 1/2 x 2 1/2 x 2 1/2; 3 LBS. UNUSED \$4.95

AS-207/CRT-3 ASSY WITH 300 FOOT OF 16 STRAND BRAIDED CADMIUM ALLOY COPPER WIRE ON RL-48 REEL WITH CRANK MOUNTED TO ALUMINUM DOOR WITH ADJUSTABLE BRAKE AND SNAP SWIVEL USED AS ANTENNA FOR GIBSON GIRL TRANSMITTERS, WIRE IS ATTACHED TO BALOON OR KITE WHICH IS NOT SUPPLIED. SIZE: 4x2; 2 LBS. \$5.95

CABLE 3 CONDUCTOR #18 PLASTIC COVERING 15 FT. LENGTHS 39¢ 3 FOR \$1.00

COX-76 CABLE RUBBER COVERED 2 CONDUCTOR #10 15 FOOT LENGTHS LUGS ONE END. 5 LBS. \$1.75 3 FOR \$5.00

BIRNBACH #7218 SIZE 18 STRANDED TYPE WL. EXT. NYLON JACKET 1000 FT. REEL \$5.00

ELECTRIC DEFROSTER 6 VOLTS D.C. DEFROSTER FOR CAR OR TRUCK, USE TWO IN SERIES FOR 12 VDC. MOUNTS BY USE OF SUCTION CUPS, HAS FOUR WIRES RUNNING THROUGH GLASS WHICH IS 8"x16". THREE FOOT CORD WITH CONNECTOR FOR LONGER LENGTH CABLE, SWITCH FOR LOW & HI. COMES IN METAL STORAGE CASE WT: & LBS. PRICE: \$3.95

INDICATOR AZIMUTH SIGHTING ANGLE TYPE C-1-A LESS COVER CONSISTS OF 3" DIALS, TWO AUTOSYNS AY-201S-2B, 26 V 400 CYCLE. CONDITION USED. SIZE: 6x3x2 1/2; 2 LB. \$3.95

IMMERSION HEATER 24 VOLT AC/DC 50 W. WATTS 2 GALLON, 3" PRESS CAP, 4 1/2" SCREW CONE, 12" HEATING ROD & 5 FT. CORD. WT: 4 LBS. #LFCEA8801 \$2.95

ATTENUATOR FOR COAXIAL LINE WITH 52 OHM CABLE 20" LONG, PL-259 PLUGS EA. END. 3" SLIDING ADJUSTMENT FOR ATTENUATION 30 DB TO 100DB 30 TO 450 MC. WITH ADAPTERS SHPG. WT: 3 LBS. USED \$5.95

ANNUNCIATOR 115 VOLT 60 CYCLE 1" DISPLAY, MANUAL CLEARING. WATERPROOF CASE. SIZE: 1 9/16 x 9/16; 12 LB #CAL 1000S-9A NINE DROPS \$9.95 CAL 1000S-4 FOUR DROPS \$5.

TS-446 R F NEON INDICATOR IN LUCITE PROBE, NE-2 BULB SIZE: 4 1/2 x 2 1/2 W/CLIP \$1.00

BELL 1" GONG 3 VDC EDWARDS #13 LUNGEN SIZE 1, CHROME PLATE USED WITH BD-71-72 SWITCHBOARDS. SIZE 3/8x1x3; 2 OZ. #42416 59¢ 2/\$1

6/12 VDC BUZZER CHROME, 1x1 1/2; 2 OZ. #J-3 59¢

PUSH-BUTTON SWITCH CHROME & BLACK, SINGLE HOLE MGT. NO. #J-3-PB 39¢

ALLIGATOR CLIP WITH PINCH SPIKE JAWS AND SCREW HOLDER FOR WIRE, 2" LONG. 12 FOR \$1.00

RADIO FREQUENCY SECTIONS TRANSMITTER - RECEIVER 418-462 MC PART OF RT-7/APN1

TRANSMITTER SECTION OSCILLATOR CAN BE ADJUSTED BETWEEN 425-440 MC. WITH TWO 955 TUBES (NO WOBULATOR) HOUSED IN ALUMINUM CAN 2 1/2 x 3 x 6"; 2 LBS. REMOVED FROM EQUIPMENT. RECEIVER SECTION, BALANCED. DETECTOR WITH 2-9004 TUBES. HOUSED IN ALUMINUM CAN 2 1/2 x 3 x 6; WT: 2 LBS. RT-7/APN-1 RECEIVER OR TRANSMITTER SUB-ASSEMBLY PRICE: WITH TUBES... \$1.50 LESS " .75

R.F. TANK COIL BC-669 45 TURNS 14 WIRE WOUND ON BAKELITE FORM 2 1/2" DIA. 12 ADJUSTABLE SLIDERS ON BARS THAT COME THRU THE CERAMIC END PLATES WITH TERMINALS FOR WIRING. OVERALL SIZE 7x3 1/2; WT: 5 LB. #3C2506 \$2.50

VARIABLE INDUCTANCE ANTENNA CIRCUIT TUNER, 36 TURNS .080 SILVER PLATED COPPER WIRE APPROX. 1/2 x 2 1/2" STEATITE FORM, 500 OR MORE WATTS. #5950-188-6469 SIZE: 9x2 1/2 x 4; 5 LBS. \$9.95

VARIGON PHASE SHIFT CAPACITOR V-42. USED FOR ACCURATE MEASUREMENT OF TIME INTERVALS IN RADAR SYSTEMS. CAPACITY OF INPUT PLATE TO HOUSING 4.4 MMF. OUTPUT PLATE 15.6 MMF. CAP. VAR. OF INPUT TO OUTPUT PLATE 1.2 TO 4.9 MMF. SIZE: 2 1/2 x 1; 1 LB. \$2.95

CAPACITY TUNER WITH AUTOTUNE 160 TO 211 MC WITH COND. RESISTORS 2/50-239 1/2C26 TUBE. 7 1/2 x 5 1/2 x 5 WITH TUBE \$2.95

RT-58/ARC-12 CHANNEL SELECTOR AND MOTOR ASSY. 10 POSITION AUTOTUNE MOTOR DRIVEN 26.5 VDC WITH 2 SHAFTS 60 RPM ALSO RELAYS. 4 1/2 x 6 x 3 1/2; 5 LB. #596C-1 \$2.95

MULTIPOSITION HI-Q SWITCH. 6 POLE 18 POSITION NON-SHORTING GOLD PLATED TERMINALS. SIZE 3x3x4 1/2; SHAFT 1x1 1/2; 2 LBS. #5930-626-6224 HI-Q-60083 \$2.95

TAPE SOUND RECORDING TAPE TW-3U 7" REEL WITH APPROX. 900' OF 2" TAPE. USED WITH RD-42 RECORDER. #5835-543-1325 WT: 5 LBS. \$4.95

COUNTER DIAL THREE DIGIT WITH 2" SPIN TUNING KNOB, 5" SHAFT EXTENSION 1/4" THAT CAN BE REMOVED OR CUT OFF FOR LENGTH DESIRED. FACE PLATE SIZE 3x3, 1 LB # RT-45 COUNTER DIAL \$4.95

BROADBAND TUNER 14 TO 50 MC VARIABLE CAPACITOR COUPLED TO VARIABLE INDUCTOR, AS CAPACITOR IS ROTATED IRON SLUG IS MOVED IN AND OUT OF COIL. BALANCE OF ASSY. CONSISTS OF CERAMIC OCTAL SOCKET, RESISTORS AND CONDENSERS TO MAKE A R.F. TUNER SIZE: 3 1/2 x 2 x 3; WT: 1 LB. RT-45 TUNER ONLY \$1.25

VARIABLE INDUCTOR COIL INSIDE WINDINGS 16 TURNS #12 WIRE 1 1/2" DIA. 25 WATT 1/2 x 1/2 IN SHAFT WITH 2 1/2" GEAR LAMINATED INSULATION. SIZE: 3x2x4; WT: 2 LBS. RT-45 INDUCTOR COIL \$1.95

VARIABLE CAPACITOR 13.5-325 MMFD, 500V DC, 43 BRASS PLATES .0245 AIR GAP. WITH 3 1/2" VERNIER DIAL CLEAR PLASTIC WITH MOUNTING W/LIGHT. SIZE: MTG. 5x4x2 1/2; WT: 2 LBS. 3D93251.1 P/O BC-1148 PRICE: \$3.95

BROAD BAND AMPLIFIER BROADBAND AMPLIFIER 60 MC 5 MC BAND WIDTH USING 5-717 TUBES, TRANS. COUPLING INPUT STAGES 2 & 3 & DETECTOR, STAGES 2 & 4 TUNED CIR. 60 MC. DC VOLTS 280. PLUG-IN UNIT WITH OCTAL MALE TOBE TYPE BASE, SINGLE TYPE INPUT JACK. SIZE: 13x3x2; WT: 5 LBS. WE#D150786 P/O BC-1148 PRICE: WITH TUBES \$3.95 LESS TUBES \$1.95

AUTOMATIC FREQUENCY CONTROL; TWO STAGE AMPLIFIER DISCRIMINATOR & DC AMPLIF. USING 2/6AC7, 1/6H6 & 1/6SQ7 TUBES. RESISTANCE COUPLED INPUT & OUTPUT, SLUG TUNED INPUT. TUBE TYPE 8 CONTACT PLUG, SINGLE CONTACT INPUT & OUTPUT JACKS AND VAR. POT. DC VOLTAGE REQ. 280. USED W/ABOVE UNIT. SIZE: 8x2x1; WT: 1 LB. WE#D150980 P/O BC-1148 PRICE: WITH TUBES \$3.95 LESS TUBES \$1.95


VIDEO AMPLIFIER MODULE FOR APS-44 RADAR WITH 3/5977 TUBES, RESISTORS & 15 PRONG PLUG. P/O AM-574/APS-44; 8 OZ. SIZE: 1 1/2 x 3 x 3 1/2; PRICE: \$1.75


AC-DC Motors


Hi-Speed

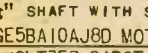
Gear Reductions

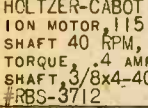
Blowers

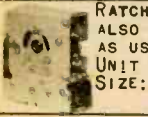
 DELCO P.M. MOTOR 5067125 27.5 VDC 10,000 RPM w/GOVERNOR, SIZE: 3x1x1; SHAFT TAPERED 1/16 TO 3/16, THREADED END. PRICE: RE-MOVED \$3.95


 DELCO MOTOR 27 VOLTS D.C. 1/30 HP 2.4 AMPS, 3600 RPM, SHAFT 1/2" WITH GEAR. SIZE: 5 1/2 x 2 1/2. WT: 1 1/2 LB. NEW \$2.95


 DELCO PM MOTOR 5069600 250 RPM 27 VOLTS D.C. w/ 1/2" SPLINED SHAFT 8 IN. OZ. TORQUE, SIZE 4x1 1/2 x 1 1/2 WT: 8 OZ. PRICE: USED \$8.95
DELCO PM MOTOR 5067126 125 RPM 1/2" SHAFT WITH SLOTTED ADAPTER O/W SAME AS ABOVE \$8.95


 GE5B10AJ8D MOTOR 110 RPM NOT PM SAME AS ABOVE \$5.95

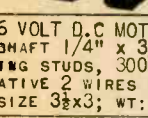
 HOLTZER-CABOT DUAL SPEED GEAR REDUCTION MOTOR, 115 V. 60 CYCLE, 1 PHASE, ONE SHAFT 40 RPM, OTHER 165 RPM 24 OZ. IN TORQUE, .4 AMP. MOTOR SIZE 4 1/2 x 4 1/2 x 5 1/2, SHAFT, 3/8 x 4-40 RPM, 1/8 x 3/8-165 RPM. #RBS-3712 \$9.95


 RATCHET MOTOR, 24 VOLT DC 60 RPM CONTINUOUS ALSO 3 POSITION STOP. BAND SWITCH ASSEMBLY AS USED IN R-5/ARN-7 COMPASS RECEIVER. UNIT WILL ALSO OPERATE ON 18 TO 24 VDC. SIZE: 3x4 1/2. WT: 1 1/2 LBS. STK# 609-APN-7 PRICE: \$1.25

 WESTINGHOUSE BUSINESS MACHINE MOTOR 25 MHP 115 VOLTS 50/60 CYCLE .5/4 AMPE TYPE FL 4.0/3.0 MFD. 1425/1725 RPM. SIZE: 4 1/2 x 4 x 4; WT: 5 LBS. SHAFT 5/16 x 3/4 FLATENED. FOR USE IN RUBBER SHOCK MOUNTING BRACKET PRICE: NEW \$4.95

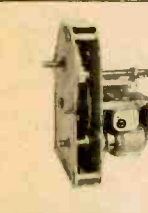
 TELETYPE MOTOR AC; 110 VOLT 60 CYCLE 1 PHASE, NON-SYNCHRONOUS, 1/25 HP, 1800 RPM, 1.25 AMP., DOUBLE SHAFT 1 1/2 x 3/16 & 5/8 x 3/16, MOTOR SIZE 5 1/2 x 5 x 5; WT: 13 LBS. GE#28478 USED \$4.95


 LEECE-NEVILLE 24 VOLTS D.C. .75 H.P. 4500 R.P.M. 45 AMPS. SPLINED SHAFT 5/8" x 3/4", WITH FOUR HOLE MOUNTING BASE AND FOUR HOLE MOUNTING FL. 4 1/2 x 4 1/2, MOTOR SIZE 4 x 4 x 7; WT: 24 LBS. LE TYPE #1504M UNUSED \$7.95


 6 VOLT D.C. MOTOR REVERSIBLE 1/20 H.P. SHAFT 1/4" x 3/4", FRONT END MOUNTING STUDS, 3000 R.P.M. FRAME IS NEGATIVE 2 WIRES FOR REVERSING, MOTOR SIZE 3 1/2 x 3; WT: 4 LBS. #G16VDC-R \$1.75


 GENERAL INDUSTRIES HEAVY DUTY PHONOGRAPH MOTOR: 115 VOLT 60 CYCLE 33 1/3 RPM. SIZE: 4x4 1/2 x 4; WT: 6 LBS. G1#4483 \$1.95

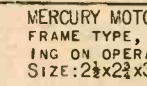
 ALLIANCE PHONOGRAPH MOTOR 78 RPM AT FRICTION WHEEL, 110 VOLT 60 CYCLE. SIZE: 3 1/2 x 4 1/2 x 3; 3 LBS. ALL#78110 PRICE: \$1.00

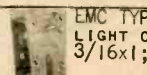
 PM MOTOR ASSEMBLY & GEAR TRAIN USED IN R-44 RECEIVER FOR REMOTE TUNING. CONTAINS DELCO PM MOTOR #5069370, 10,000 RPM ATTACHED TO A GEAR ASSY. THAT HAS TWO SHAFTS 80 RPM AND IS GEARED TO TWO SHAFTS WITH 3" & 1 1/2" GEARS THAT THAT TURN AT 40 & 80 RPM. ASSY SIZE 4 1/2 x 6 x 3; SHAFT SIZES 1/2 x 3/4 WT: 3 1/2 LBS. STK #3H3100-15 PRICE: \$4.95

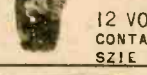
 GENERAL ELECTRIC 58A25DJ300 24 VDC @ 2 AMPS., 4500 RPM, REVERSIBLE, GOVERNOR CONTROL MAGNETIC BRAKE, FLANGE MOUNT, SIZE 2 1/2 x 5 1/2. WT: 3 LBS., SPLINED SHAFT 3/16 x 7/8 PRICE: \$2.95


 DELCO P.M. MOTOR #5069466, 27.5 VDC IN ALUMINUM CASE GEARED TO WORM GEAR MOTOR SIZE 1 1/2 x 1 x 2 1/2, 10,000 RPM. CASE SIZE 2 1/2 x 2 1/2 LESS MFG. SIZE. WORM GEAR 2000 RPM, WT: 2 LBS. STK# 3H3100A-1 PRICE: \$2.95

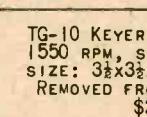
 John Oster type C 24A-1B - KS-5829-01 27 VDC 1/100 HP 7000 RPM DC Series Motor 2" D X 3" L. Shaft 1/4 x 1 Wt. 1 lb. Price \$0.75


 MERCURY MOTOR 24 TO 28 VOLT 60 CYCLE OPEN FRAME TYPE, APPROX 2500 TO 3000 RPM DEPENDING ON OPERATING VOLTAGE & LOAD. SIZE: 2 1/2 x 2 1/2 x 3; WT: 1 LB. #MER-MO2428 75¢


 EMC TYPE 300, 45 V 60 CYC, 6 1/2 RPM LIGHT OPEN FRAME 5 1/2 x 2 1/2; SHAFT 3/16 x 1; 1 LB. \$1.50

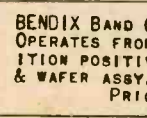
 12 VOLT D.C. MOTOR W/ MAKE & BREAK CONTACT, APPROX. 5000 RPM, 1/20 HP SIZE 4 1/2 x 3; SHAFT 1" x 2; #ENOT453 PRICE: \$1.95


 Delco 5069370 27 VDC Reversible PM Motor and Gear assm. in an Aluminum case. Output speed is 80 RPM through a friction clutch to a double shaft 1/2 x 3/4 on one side, 1/2 x 1 1/2 on the other. Size complete assm. 3 5/8 x 2 x 4 1/2 excluding shaft. Has built in noise filter system. Wt. 1 lb. 5 oz. Price..... \$ 4.95


 TG-10 KEYSER MOTOR, 115 VOLT 60 CYCLE 1550 RPM, SHAFT 1-7/8", GEARED TO 80 RPM. SIZE: 3 1/2 x 3 1/2 x 4 1/2; WT: 3 LBS. #3H3000-3 REMOVED FROM TG-10 EQUIPMENT \$2.95


 MOTOR OPEN FRAME, 117 V. 60 CYC 500 RPM 1 DIRECTION, 1000 OTHER. SHAFT 1/16 x 1/2 x 3/4; #B30B 2LB \$1.


 MOTOR 24 VDC, 2800 RPM, 6.5 AMP. 1/10 HP. SHAFT 1/2 x 1, REVERSIBLE. 5x3x3; 6 LB. EMERSON 0412 \$3.95


 BENDIX BAND CHANGE MOTOR #AC56566-2 OPERATES FROM 28 VDC. THREE POSITION POSITIVE STOP. WITH SWITCHES & WAFFER ASSY. SIZE: 6x3x2 WT: 1LB. PRICE: \$2.95


 WE KS-5871-LO1 MOTOR 28 VDC 3.3 A 5600 R.P.M. 1/25 H.P. SERIES WIND CONTINUOUS DUTY, REVERSIBLE, WITH SPEED GOVERNOR. (WILL ALSO OPERATE FROM 12 VDC AT REDUCED SPL SHAFT 1/2 x 2, MTR. 6 1/2 x 3 1/2; 5LB; U/U \$7.95


 Bendix LM10BJ 24VDC 1/25 HP 15,000 RPM Series Motor. Geneva Loc. Actuator. Shaft rotates 1/2 revolution and stops and is locked in place until next contact is made then the cycle is repeated-time per cycle app. 3 seconds. Size 4 x 2 1/2 x 5 1/2. Shaft size 1/2 x 1/2. Wt. 1 lb. 14 oz. Price..... \$ 4.95

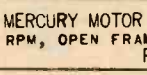
 General Electric 58A25MJ424 -4 Type BA 24 V @ 4.2A 7100 RPM 1/20 HP Flange mount Motor size 2 1/2" x 5". Shaft size 1/2 x 1 Wt. 3 1/2 lbs. Price..... \$1.95


 ELECTROLUX MOTOR 28.5 VDC. 1.8 AMPS. 2200 RPM. 1/35 H.P. SHAFT SIZE 1 1/2 x 1/2 MOTOR SIZE: 4 1/2 x 3 1/2 WT: 5 LBS. PRICE: \$3.95

 B-203 MOTOR, REVERSIBLE, SPLIT FIELD, SERIES WOUND, 2 SHAFTS 5 RPM & 200 RPM W/MICRO-SWITCH ES. 26 VDC. 6x4x4; 4 LB. \$2.95

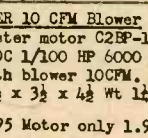
 EIGHTY (80) VOLT 60 CYCLE 78 RPM PHONO MOTOR ON MOUNTING PLATE. WILL ALSO OPERATE FROM 110 V W/RES. 3x3x3; 2LB \$5.9

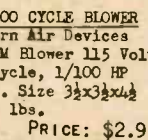
 DALMORE MODEL SH-42; 28 vdc, 1/4HP TWO SPEED, 9000 RPM 8 AMP. 3000 RPM 2 AMP. FL. MTG. 3 1/2 sq. SH. 5/16 x 1, GEAR 7/8, MOTOR SIZE 10 1/2 x 3 1/2, 15 LBS. PRICE: \$8.95

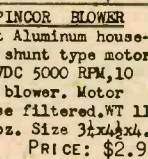
 MERCURY MOTOR 8100, 115 VOLT 60 CYCLE, 1750 RPM, OPEN FRAME 3x2 1/2, SHAFT 1/2 x 1 1/2, WT: 1 LB. PRICE: \$1.00

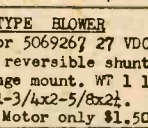
 John Oster Shunt Motor B-9-1 27 1/2 VDC @ .7A. 5600 RPM. Aluminum Cased Motor and Gear assm. Motor is flange mounted to the Gear case. 2 gear reductions 22 and 5 1/2 RPM on 1/2 x 1 shafts. Size 2 3/4 x 3 x 7". Wt. 1 lb. 14 oz. Price..... \$1.00

 ART-13 MOTOR 28 VOLT D.C. 3900 RPM, 1/20 H.P. REVERSIBLE, BALL BEARING. (WILL OPERATE 12 VOLT SIZE 3x3x3 1/2; 2LB. #B-101/803/800. PRICE: \$1.95

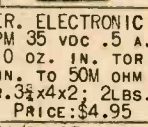
 OSTER 10 CFM Blower John Oster motor C2EP-1A 27.5 VDC 1/100 HP 6000 RPM with blower 10CFM. Size 3 1/2 x 3 1/2 x 4 1/2 Wt 1 1/2 Motor & Blower \$3.95 Motor only 1.95

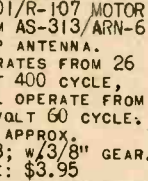
 400 CYCLE BLOWER Eastern Air Devices 10 CFM Blower 115 Volt 400 cycle, 1/100 HP motor. Size 3 1/2 x 3 1/2 x 4 1/2 Wt. 1 lbs. PRICE: \$2.95


 PINCOR BLOWER Cast Aluminum housing-shunt type motor 24 VDC 5000 RPM, 10 CFM blower. Motor noise filtered. Wt 1 lb 10 oz. Size 3 1/2 x 4 1/2. PRICE: \$2.95

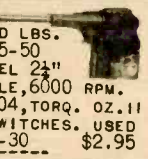
 OPEN TYPE BLOWER Delco motor 5069267 27 VDC 6000 RPM, reversible shunt type, flange mount. Wt 1 lb size 1-3/4 x 2-5/8 x 2 1/2 Motor-Blower \$1.95 Motor only \$1.50

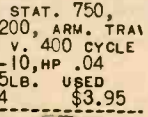
 DELCO PM MOTOR 12 VDC 10,000 RPM, GEARED TO ASSY. APPROX 250 TO PLASTIC WHEEL & POT. 4x3x2; 1 LB. #5092543/2 \$4.95

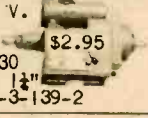
 AMER. ELECTRONIC MOTOR, PM 35 VDC .5 A. 10 RPM, 10 OZ. IN. TORQUE. CONN. TO 50M OHM POT. Mo. 4x1 1/2. FR. 3 1/2 x 4 x 2; 2LBS. AMER. #3255M PRICE: \$4.95

 B-701/R-107 MOTOR FROM AS-313/ARN-6 LOOP ANTENNA. OPERATES FROM 26 VOLT 400 CYCLE, WILL OPERATE FROM 12 VOLT 60 CYCLE. GEAR TRAIN ASSY APPROX. RPM. SIZE 3x2 1/2 x 3; W/3/8" GEAR. WT: 1 LB. PRICE: \$3.95

 CAMERA MOTOR Open frame used in aircraft cameras 12 Volt AC-DC Double end shaft 1/8 x 1/2, motor size 2 1/2 x 2 1/2. 5000 RPM. # CM-120 Price \$1.95

 ACTUATOR LINEAR, RATED LOAD LBS. STAT.-200, TEN, -25-50 COMP.-25-50, TRAVEL 2 1/2" MOTOR 115V 400 CYCLE, 6000 RPM. DUTY 1/10, H.P. .04, TORQ. OZ. 11 6.7 WITH LIMIT SWITCHES. USED AIRESEARCH#35906-30 \$2.95

 LINEAR ACTUATOR, STAT. 750, TENS. 375, COMP. 200, ARM. TRAI 5-7/8", MOTOR 115 V. 400 CYCLE 6000 RPM, DUTY 1-10, HP .04 SIZE 1 1/2 x 3 x 4; WT: 5LB. USED AIRESEARCH#31914 \$3.95

 D.C. ACTUATOR 26 V. 1.5 A. DUTY 3/20 \$2.95 HP .015, RPM 7500 STATIC 600, TEN. 130 COMP. 90, TRAVEL 1 1/2" 8x5x3; 4 LB. ELA-3-139-2

 ACTUATOR HEAVY DUTY 1/4" DRAW IN 30 SEC IN HORIZ. & VERTICLE W/LIMIT SWITCH. SHAFT 3/4 x 1/2, 12-24 VDC SIZE: 6x6x3 1/2; 5 LBS. #ACT-P10 USED \$3.95

HARDWARE KIT: CONTAINS 50 CLAMPS OF 5 DIFFERENT SIZES, 20 SCREWS, 5 TYPES, 15 WASHERS, 7 LUGS, 4 HEX. NUTS, 18 SPAC ERS. #RC298 5LB. 75¢



RUBBER SHOCK MOUNTS
4 LB. #4 \$.30
6 " #6 .35
10 " #10 .40
12 " #12 .50
16 " #16 .60
24 " #24 .75
35 " #5215 .75



OTHER TYPE MOUNTS AVAILABLE IN LIGHTER & HEAVIER. ADVISE NEED

TUBE SOCKETS

OCTAL CERAMIC 2 HOLE MTG. \$.25
" CERAMIC " RING " .15
" BLACK " " " .15
LOCTAL CERAMIC " " " .20
LOCTAL MICA 2 HOLE MTG. .15
14 PIN MICA SMALL 1 1/2" MTG. .15
4 PIN CERAMIC 2 HOLE MTG. .25
5 " " RING " " .29
6 " " 2 HOLE " " .29
7 " " " " " .29
4/5/7/9 PIN WAFER " " EA. .10
7/9 PIN MICA SMALL " " .20
9 PIN CERAMIC " " .35
METAL SHIELDS SMALL 7-9 " .10

829 CERAMIC SOCKET .75
872 " " W/ SHOULDER .75
811/866 " " W/ " .75



GIANT 4 CONTACT CERAMIC FOR 872, 211 ETC. 3 1/2" RD. GE#ML7461594-G1 PRICE: USED \$.39

GIANT 4 CONTACT CERAMIC SOCKET FOR 715, 718 ETC. 3 1/2" RD. STK#227684.98 PRICE: NEW \$.50



CERAMIC COIL FORM F/ ART-13 ANTENNA LOAD SIZE 2"x5". NO WIRE 50¢ WITH WIRE \$1.00



REGULATOR CURRENT AUTOMOTIVE TYPE OPEN FRAME 50 AMP. SIZE 2 1/2"x2 1/2"x1 1/2" LB. ORD.#G1026184433 DELCO#1884042 \$1.00

TERMINAL STRIPS WITH CLIPPED WIRES
AMT. TERMINALS - 6 - 8 - 10 - 12 - 14
1" WIDE EACH .15 .20 .25 .30 .35
1 1/2" WIDE " .20 .25 .30 .35 .40

BINDING POSTS 7 ON A BAKE-ON A BAKE-LITE STRIP, THUMB SCREW TYPE TERMINALS. REMOVED FROM EQUI PRICE: \$.35 EA. 3 FOR \$1

TELEPHONE SIGNAL DROP SWITCH BOARD UNIT WITH MOMENTARY & HOLD MULTI-CONTACT LEVER SW RING IN DROP RELAY & PHONE JACK. SIZE 1 1/2"x8x3. WT: 1 LB. #EE-2 \$.39 EA. 3/\$1 USED PL-11 PLUG ON 30" CORD \$.35 EA.

SW-118 SWITCH ASSY. SPST, ONE SIDE HOLDING ON - OTHER SIDE MOMENTARY ON, CENTER OFF SWITCH SIZE 2 1/2"x1. CASE SIZE 2 1/2"x1. PRICE: \$.35 EA. 3 FOR \$1.00



B-9A SWITCH ASSY SPDT CENTER OFF 5 AMP. 125 VOLTS TWO HOLE MTG. SIZE: EA. SW3/4 x2x1. \$.35 EACH BANK OF FOUR \$1.



Capacitors



MFD	VDC	SIZE	PRICE
2000	15	1 1/2 x 4 1/2 RD	\$.59
6000	75WVDC	3x4 1/2	2.95
1000	50	1 1/2 x 4 1/2 RD	.55
25M	25WVDC	3x4 1/2	2.95

3500	35	2 1/2 x 4 1/2	1.95
8	220 AC	2x4 1/2	1.00

.5	500	1 1/2 x 1 1/2 x 1 1/2	.20
2	600	1 1/2 x 4 1/2 x 1 1/2	.25
4	600	3 1/2 x 2 1/2 x 1 1/2	.50
6	600	4 1/2 x 2 1/2 x 1 1/2	.75
7	600	4 x 4 x 2	.85
10	600	3 1/2 x 4 1/2 x 1 1/2	1.10
2 1/2 x 2 1/2 x 5	"	6 1/2 x 4 x 2	.75

1	1000	1 1/2 x 2 x 1	.50
2	1000	1 1/2 x 4 x 1	.95
15	1000	3 1/2 x 4 x 2 1/2	2.95
1-1-1	1200	3 1/2 x 3 1/2 x 2 1/2	1.00
1	2000	2 x 3 x 1	1.25

MFD	VAC	SIZE	PRICE
.5	1500	2 1/2 x 1 1/2 x 1	.75
.5	2000	2 1/2 x 1 1/2 x 1	.95
5	660	3 1/2 x 4 1/2 x 1 1/2	1.95
15	330	3 1/2 x 5 1/2 x 1 1/2	1.75
1	1000	3 1/2 x 4 x 2	.75

6000 MFD 50 VDC 2 1/2"x4 1/2" \$2.50
7500 MFD 35 VDC 1 1/2"x2 1/2" \$1.50
2 1/2"x4 1/2" #451-03 \$2.25
16,000 MFD 45 VDC 3x6 #80362-3 \$3.95
20,000 MFD 35 VDC 3x5 CD#6043 \$2.50

WESTERN ELECTRIC D170563 CAPACITOR
1-CAN .1 UF 5000 VDC
2-3 1.0 UF 2000 "
3-4 1.0 UF 2000 "
SIZE: 5 1/2 x 5 x 2; WT: 3LB
PRICE: \$1.95

10 MFD @ 2000 VDC 4 1/2 x 4 1/2 x 3 1/2; 3LBS. 5910-819-2151 \$5.95
2 MFD @ 4500 VDC 5x4x3; WT: 4 LBS. F350-7628821 \$6.95

MFD	VDC	SIZE	PRICE
4	1000	2 1/2 x 4 1/2 x 2 1/2	\$1.50
10	1000	3 1/2 x 4 1/2 x 1 1/2	1.95
8	1500	3 1/2 x 5 1/2 x 2 1/2	2.95
15	1000	3 1/2 x 4 1/2 x 2 1/2	1.50
8	2500	4 1/2 x 7 x 3 1/2	6.95

.65 MFD 12,500 VDC \$10.00
SIZE 1 1/2 x 4 x 8 CD#TK120065

.7 MFD 25,000 VDC \$20.00
SIZE 7x4x13; GE#14F52

.005 MFD 50,000 VDC \$30.00
SIZE 10x6x8, GE#D163329

120 MFD 3000 VDC \$50.00
GE#18F268 SIZE 13x5x13

1700 MFD 200 VDC \$2.95
SIZE 3x5 1/2, WE#KS-14715

SYNCHRO CAPACITOR 3/50 MFD DELTA CONNECTED 90 V. 60CY 7 1/2 x 6 x 8, ORD#265073 \$10.00

HEAVY DUTY TAP SWITCH 6 POSITION 4 HOLE MOUNTING SIZE: 2 1/2 x 2 1/2 x 1 1/2 STK#329604-2 \$1.50

100 WATT Size 4 1/2 x 2-3/4" 3/Maka 3/Break #329626 \$2.50

ROTARY SWITCHES



ROTARY WAFER SELECTOR SWITCH CERAMIC, 6 DECK, 4 POLE 6 CONTACT. 7 1/2 x 2 1/2 x 2 1/2; 3 1/2 LB SMALLCROSS #10214 USEO \$2.95

SWITCH ROTARY CERAMIC WAFER 5 DECK, 1 POLE, 9 POSITION 7x2x2; 1 1/2 LB. SIL. PL. CONT. #5930-185-0597 \$1.95 NEW

SWITCH ROTARY BAKELITE WAFER 8 POSITION, 3 SECTION, SECT. #1 NON-SHORTING TYPE CONT. SECT. #2&3 SHORTING TYPE CONTACTS. 3x2x2; WT: 8 OZ. #329825-75.4 NEW \$1.00

SWITCH ROTARY, 3 SECT. 5 SWITCHING POSITIONS, 6 MOVING, 36 FIXED CONT, 6 POLES 5 THROWS, COMB. SHORTING & NON-SHORTING #329824-81.5 \$1.75

SWITCH ROTARY BAKELITE WAFER 2 DECK, 5 POSITION, 1 POLE MOMENTARY 5 POSIT. 2x2x2 #SW-145 39¢ EA. 3 FOR \$1

GE CERAMIC POWER SWITCHES 2 DECK 3 POSITION 2x3 IN. GE#ML746812-G1/403 \$1.95

GE HEAVY DUTY CERAMIC, TWO DECK 4 BREAK 3 MAKE, 2x4" #ML7464910-G1/407 \$1.95
GE HEAVY DUTY CERAMIC TWO DECK 3 POSITION 3x4 1/2" #ML7762999-G1/397 \$1.95

SWITCH ROTARY ONE DECK, CERAMIC 11 POSITION, 2" DIA. No. C-87/5601 75¢ EA.

SWITCH ROTARY CERAMIC TWO DECK FOUR POSITION, SINGLE HOLE MTG. 2" DIA. No. C-87/S-602 75¢ EACH

SWITCH ROTARY, 2 DECK, 2 POLE 4 CIRCUIT EA. DECK. 1 1/2 x 1 1/2" 329825-66.13 \$.50

SWITCH ROTARY, 5 DECK, 8 POS. ONE CIRCUIT. SIZE 2x3" MORRINGER RE-MOVED#58 \$.75

ELECTRIC ROTARY SWITCHES

THREE DECK, EACH DECK 12 CONTACTS SHORTING ACROSS EACH STEP, MANUAL OR ELECTRIC OPERATION. 12-24 VOLTS. USED 2x2x4 1/2; 8oz. #4105DDH \$1.50

ROTARY SELENOID SELECTOR ONE (1) WAFER 11 POSITION ONE (1) POLE, ONE (1) WAFER 12 POS. ONE POLE, 11 SHORTING, ONE NON-SHORTING. 1 LB SIZE 2 1/2 x 2; #5945-503-7295 PRICE: \$1.00

12 POSITION HEAVY DUTY TAP SWITCH BENOIX 10-34740 SIZE 3x1 1/2; 4 OZ. \$2.95

THREE DECK 8 POS. AND OFF MARKED ON 2 1/2" DIAL AND KNOB #329825-66.147 2x3" \$1.75

SELECTOR SWITCH TAP 12 POSITION 1 POLE 5 AMPS. NON-SHORTING 2 1/2 x 2 1/2 x 1 1/2; 1 LB. P/O RA-83 #329825-4 40.2 \$2.50

Kits \$1.00

DISC CERAMIC CONDENSERS 33 ASST. 15MPL-.01MPL Good Value \$1.00 a KIT

TUBULAR CONDENSER 50 ASST. .00025 to .1 200 to 600 V \$1.00 a KIT

MICA CONDENSERS 25 ASST. 10 MMFD To 6800 MMFD. \$1.00 a KIT

TRIMMER CONDENSERS 25 ASST. 3 to 280MMF WIDE RANGE \$1.00 KIT.

RESISTORS INSULATED 50 ASST. 1/2, 1 & 2 Watt wide range of good values 50 ASSORTED \$1.00

RESISTORS WIREWOUND 25 ASST. 5 to 20 Watt wide range of values some tapped. 25 ASST \$1.00

VOLUME CONTROLS 10 ASST. Popular Values \$1.00

TUBE SOCKETS 20 ASST. Octals Locals Miniatures Wafers etc \$1.00

PILOT LIGHT SOCKETS 25 ASST Bayonet Screw etc. \$1.00

TERMINAL STRIPS, Tie lug strips, ASST types. 25 for \$1.00

TERMINAL LUGS, ring spade, crimp types. Wide variety of sizes for all uses in clear plastic box, Approx 200 PCS \$1.00

ROTARY SWITCHES BRAND NEW ORDER NOW 6 for \$1.00

CONDENSER KIT .1 MFD. to 1. MFD. up to 500 Volt. 10 for \$1.00

HARDWARE KIT NUTS, WASHERS SCREWS, RIVET GROMMETS ETC. 1 1/2 LBS. \$1.00

ELECTRO DATA PLUG IN COMPUTER ASSY. 5 DIODES, 37 RESISTORS, 17 CAPACITORS, 7/9 PIN TUBE SOCKET VOL. CONTROL, PLUG. 1 1/2 x 2 1/2 x 7 1/2; 3 LBS. #EDP-42 59¢ 2/\$1

PE-109B INVERTER FILTER, MALLORY NF-1-2/ LELAND B-2037, REF. 120 STK. #342575-109B 5 1/2 x 3 x 2 1/2; WT: 2LB NEW \$1.50

FT-498 SHOCK MOUNTING WITH FOUR 10 LB. RUBBER MOUNTS ON A ALUMINUM PLATE 1 3/8 x 1 1/2; WT: 2 LBS. PRICE: \$1.00

VOLTAGE REGULATOR INPUT 21-30 V.D.C 5 AMPS. REGULATION 18-30 vdc #4511281 SIZE: 4x3; 3LBS. \$1.50

ALARM BELL OPERATES ON 24 VDC. 4 1/2 x 4 1/2 x 2 1/2 # 561-3 \$1.25

HORSESHOE MAGNETS 5 lb. Lift 2 1/2 x 2 3/8" # 1 lb. \$.50 25 lb. Lift 2 1/2 x 2 1/2 x 1 1/2 lb. 2.90

HAND TYPE MAGNETO GENERATOR USED FOR RINGING TELEPHONE LINES, OUTPUT ABOUT 100 VOLTS. CAN ALSO BE USED AS SHO CK MACHINE, LIGHT SMALL BU BULBS OR DRIVE WORMS OUT OF YOUR LAWN BY PLACING THE THE OUTPUT TO METAL STAKES AND DRIVING THEM INTO GND.

GN-38 WITH THREE MAGNETS \$2.95
GN-38B PERMANENT MAGNETS 2"x1" \$3.95

G-25A ROUND TYPE MAGNETO \$2.50

UNUSED \$2.95 USED \$1.95


T-39 MICROPHONE AND CHEST UNIT THAT WAS USED TO CARRY DRY CELL BATTERIES. PHONE JACK AND 1 FT. CABLE WITH 8 RECEPTAL PLUG. ON-OFF SWI AND FUSE HOLDER. INSIDE DIMENSIONS 5 1/2 x 1 1/2 x 9. WT: 6 1/2

25 Precision Resistor Ass't WIRE WOUND OR CARBON 1% OR BETTER GOOD VALUES. \$1.00 50 TINY CAPACITORS SELECTED TINY ASST PAPER & CERAMIC X GOOD VALUES. \$1.00

WIRE ASSORTMENT SIX 25 FT. COILS FULLY INSULATED STANDARD SIZES TINNED COPPER ASST. COLORS \$1.00

MINIMUM ORDER \$3.00

Power Transformer Filament Modulation Microphone Chokes




PRI: 115/230 60 cyc
SEC: 800 CT. 120 MA
6.4 4.5 AMP
5 2
6.3 .6
6.4 450 MA
Size 5x5x6 WT. 13 lbs.
Stock # 229621-380
PRICE: \$2.95




PRI: 110v 60cyc | -2
PRI: 220v 60cyc | -3
SEC: 6.3v .9A 4-5
6.3v .3A 6-7
24v .9A 8-9
500VCT 35MA
TERMINALS 10-12
CT TER. 11 WT. 4L
3x3x3 1/2 #RM-13-317
A TO D. \$1.95



PRI: 90 V 60cyc
SEC: 6400 V. @
APPROX. 50 MA.
5 1/2 x 6 1/2 x 6; WT: 15 LBS
#D-12B-3553
\$14.95




PRI: 115v. 50-60c
SEC: 580vct 70 MA
6.3 " 1.5 A
5.0 v 2.0 "
TEST VOLTS 1750
3x3x3 1/2; 6 LBS.
#5950-648-6862
\$3.95



MODULATION TRANSFORMER
Watts 20 Response
Response 200-5000-IDB
Pri. 2 6000 SEC. 2 6000
Collins #677-2010-00
Size 2 1/2 x 2 1/2 x 3 1/2 WT. 3 1/2 lbs
Stock # 229634.53
Price \$2.95



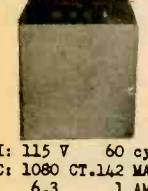
PRI: 115 V 60 CYC.
1200CT 200 MA.
12.5 2 AMP.
12.5 2 AMP.
5 3 AMP.
Size 4 1/2 x 4 1/2 x 4 1/2 WT. 10 lbs
Stock # FAIR-617
Price \$8.95
DESIGNED FOR COMMAND
TRANSMITTER




PRI: 117 50/60cyc
SEC: 640ct 120 MA
33ct 2 A.
5 2 A.
6.3ct 4 A.
4x5x3 1/2; WT: 10 LB
#5950-721-1962
\$4.95



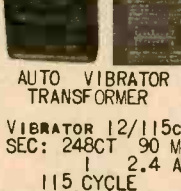
PRI: 120v 50-60cyc
116 VA
SEC: 750 v CT 200 MA
5 v 2 AMPS
4x4x6 WT. 14 LBS
BENDIX #L217240-1
PRICE: \$4.95



PRI: 115 V 60 cyc.
SEC: 1080 CT. 142 MA.
6.3 1 AMP.
6.3 2 AMP.
5 3 AMP.
Size 5 1/2 x 5 1/2 WT. 14 lbs
Stock # 229613.52
PRICE: \$3.95



PRI: 115/230 60c
SEC: 800 CT ALSO
TAPPED 310, 374
426, 536, 670 MA.
6.3 1.02A.
6.3 1.5 A.
6.3 0.60A.
3 1/2 x 3 1/2 x 3 1/2; 5 LBS.
#5950-679-2094
\$1.95



AUTO VIBRATOR
TRANSFORMER
VIBRATOR 12/115CY
SEC: 248CT 90 MA
1 2.4 AM
115 CYCLE
SIZE: 2 1/2 x 3 1/2 x 3 1/2 WT4
STK # 229625-75
PRICE: \$1.50



SEC: 650VCT 50MA
6.3 " 5 A
10.2 " 13 A
25VCT 4 A
RCA #K901467-502
SIZE: 6x6x6; WT: 25
PRICE: \$5.95




PRI: 105/115/125
50-60 cyc
SEC: 1455vct 300MA
IND. INPUT FILTER
1430 WV.
5x6x4 1/2; 20 LBS.
5950-647-6816
\$8.95




PRI: 115v 48-62cy
SEC: 1050vct 300MA
400 " 70"
48 " 600"
4 1/2 x 6 1/2 x 5 1/2; 19 LBS.
#5950-577-9347
\$7.95



TS-239 SCOPE
TRANSFORMER
115V 50-2600c
735V 7MA 610V
205MA, 300V @
75MA, 5V @ 2AMP
6.3V @ .6 AMP.
6.3V @ .6 "
#229619.168
7LBS. \$9.95



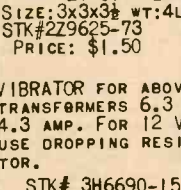
PRI: 115 50/60cyc
SEC: 700 CT AND
TAPPED 60 @ 150MA
6.3CT 6 AMP.
5.0 3 "
2.5CT 5 "
4 1/2 x 5 1/2 x 3 1/2; 14 LB.
#5950-581-9968
\$4.95



PRI: 117 v 60cyc
SEC: 1840vct 200MA
1350 WORK V
4 1/2 x 6 x 4; 18 LBS.
#5950-841-2633
\$7.95



PRI: 115 V 450-60C
SEC: 720 CT 200MA
12.6 3 A
6.6 10 A
5.25 3 A
S/5x4x5 1/2 WT.
STK # 203533
PRICE: \$4.95




VIBRATOR 12/115CY
SEC: 300 CT 100MA.
27 CT 2MA.
SIZE: 3x3x3 1/2 WT: 4LB
STK # 229625-73
PRICE: \$1.50




PRI: 115 V 60 CY
SEC: 880CT 260 MA
SIZE: 4 1/2 x 5 1/2 x 4 1/2 LB
STK # 7629825
PRICE: \$4.95




MODULATION
TRANSFORMER
WATTS: 75
PRI: 200-250 OHM
SEC: GRID 813 TUBE
WITH SIDETONE
SIZE: 2 1/2 x 3 1/2 x 3 1/2 WT 2 1/2
STK # GE7465620-1
PRICE: \$2.95




PRI: 115 V 60 CY
SEC: 500 CT 80 MA.
24 V 2 A.
5 V 3 A.
SIZE: 2 1/2 x 2 1/2 x 3 1/2 SLB.
STK # FAIR-818
PRICE: \$4.95
FOR BC-603, 683
COMM/ARC RECEIVEI



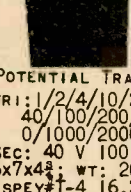
PRI: 115v 60 cyc
175 WV
SEC: 2420 vct 71MA
4x5x6 WT. 20 LBS.
FIA02NB \$3.95



PRI: 115/230 60CY
SEC: 700CT 125 MA
5 v 3 A.
6.3 v 4.5 A.
TEST VOLTS 1780
5x4x3 1/2; 8 LBS.
#3340-296-937581
\$3.95



POWER TRANSFORMER
FOR 12 VDC TRANSI
STORIZED POWER SUP
PLY 450 VDC @ 200
MA. POWDERD IRON
CORE WITH FEED-BACK
WINDING (APPROX
1000 CYC) @ 300MA
LOAD APPROX. 400V
INSTRUCTIONS FUR
NISHED WITH ORDER.
SIZE: 2 1/2 x 2 1/2 x 2 1/2 LB.
#150-59 \$3.95




POTENTIAL TRANS
PRI: 1/24/10/20/
40/100/200/40
0/1000/2000 V.
SEC: 40 V 100 MA.
6x7x4 1/2; WT: 20 LB
ESPEY #1-4 16,271
\$5.95



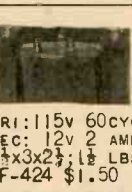
PRI: 95/105/115/125
190/210/230/250
SEC: 2/4/6/8 @ 225
MA. 90/100/110/
@ 225 MA. ALSO
SEC. #2 115 V.
@ 500 MA.
4 1/2 x 5 1/2 x 4; WT: 13 LBS.
#KLEINSCHMIDT5399
\$7.95



PRI: 115 V. 60 CYC
SEC: 840 CT 110 MA
530 CT 21 "
5 V. 3 AMP
5 V. 3 "
6.3 V. 1 "
6.3 V. 0.3 "
5 1/2 x 4 1/2 x 4 1/2; WT: 14 LB
RAYTHEON #UX9117A
\$3.95



MODULATION TRANSFORMER
100 Watt
RESPONSE 200 to 5000
PRI: 7000 SEC: 7000
F/BC-191/375 TRANS.
Size 3x4x5 WT. 5 1/2 lbs.
Stock # 2c6191/TI
Price \$3.95



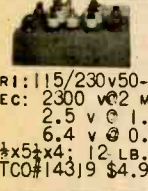
PRI: 115v 60cyc
SEC: 12v 2 AMP
2 1/2 x 3 x 2 1/2; 1 1/2 LBS
EF-424 \$1.50



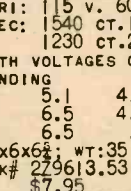
PRI: 115 V 60 CY
SEC: 820CT 120 MA
5 V 2 A.
SIZE: 4x6x3 1/2; 10 LB
STK # ORD7629820
PRICE: \$2.95



PRI: 120 v 50-60cyc
124 VA
SEC: 225v 40MA
850 v CT 250MA
6x4x5 WT. 16 LBS
BENDIX #N217388-1
PRICE: \$5.95



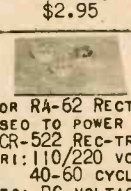
PRI: 115/230v 50-70
SEC: 2300 vct 2 MA.
2.5 v @ 1.7A
6.4 v @ 0.6A
4 1/2 x 5 1/2 x 4; 12 LB.
ETCO #14319 \$4.95



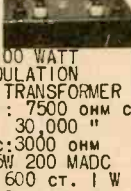
PRI: 115 v. 60 CY
SEC: 1540 CT. 166A
1230 CT. 257A
BOTH VOLTAGES ONE
WINDING
5.1 4.5A
6.5 4.0A
6.5 .5A
7 1/2 x 6 x 6 1/2; WT: 35 LBS
STK # 279613.53
\$7.95



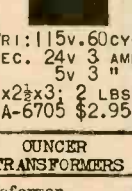
PRI: 115/230 V
50/60 CYC
SEC: 1600VCT 230
MA & TAPPED 760V
@ 40 MA.
6x6x4 1/2; 30 LBS.
\$8.95



PRI: 110/220 V.
50/60 CYCLE
SEC: 590CT 120MA
6.3 V. 5 A.
3 1/2 x 3 x 3; WT: 5LBS.
#5950-504-7797
HIGH POT TEST 15C
\$2.95




100 WATT
MODULATION
TRANSFORMER
PRI: 7500 OHM CT
30,000 "
SEC: 3000 OHM
35W 200 MADC
600 CT. 1 W
RMS TEST
1, 2, 3 500 V.
OTHERS 2500 V.
200-3500 CPS.
4 1/2 x 4 1/2 x 4 1/2; 1 1/2 LBS
#5950-646-3092
PRICE: \$4.95



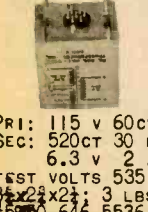
PRI: 115v. 60cyc
SEC. 24v 3 AMP
5 v 3 "
3x2 1/2 x 3 1/2; 2 LBS
FA-6705 \$2.95




PRI: 115 V 60 CYC
TWO TAPS ALSO.
SEC: 6200 V 81MA.
LOWER TAPS ON PRI
5800 V 76MA
5400 V 71MA
SEC. TEST V 7500
SIZE: 8 1/2 x 5 1/2 x 7; WT: 30 LBS.
#5950-645-6792 PRICE: \$14.95



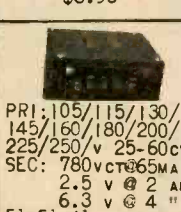
PRI: 105/110/115
120/125 60 CYCLE
SEC: 390V 1.23 AMP
TAP 365 @ 720 MA
7x8x6; 45 LBS.
\$6.95




PRI: 115 v 60cyc
SEC: 520ct 30 MA
6.3 v 2 A.
TEST VOLTS 535
3 1/2 x 2 1/2 x 2 1/2; 3 LBS.
#5900-646-5536
\$2.95



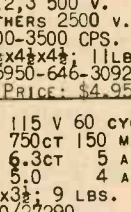
PRI: 115 V 60CYC
SEC: 850CT 280MA
280CT 10MA
5 v 5 A.
6.3 v 600MA
36 v 5 A.
5 1/2 x 5 1/2 x 7 1/2; 28 LBS.
#5950-646-3943
\$6.95



PRI: 105/115/130/
145/160/180/200/
225/250 v 25-60CYC
SEC: 780VCT @ 65MA
2.5 v @ 2 AMP
6.3 v @ 4 "
5 1/2 x 5 1/2 x 4 1/2; 13 LBS.
229619-4 \$2.95



FOR RA-62 RECTIF.
USED TO POWER
SCR-522 REC-TRANS
PRI: 110/220 VOLT
40-60 CYCLE
SEC: DC VOLTAGES
300 @ 230 MA
BIAS 150 @ 8 "
13.4 @ 3.9 A.
5x5 1/2 x 8; 30 LBS.
#3340-296-862-192
PRICE: \$7.95



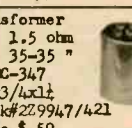
PRI: 115 V 60 CYC
SEC: 750CT 150 MA
6.3CT 5 A.
5.0 4 A.
4 1/2 x 4 x 3 1/2; 9 LBS.
TG-10/27290
RE-MOVED \$2.95




CUNCER
TRANSFORMERS
Transformer
Pri: 100 ohm
Sec: 4000 "
PO/BC-709 Amp.
3/4x3/4x1 1/2
ST#229931
Price \$.59



PRI: 117 v 50-60cyc
700 vdc TEST
SEC: 2.5v @ 1.75A
2.5v @ 2.1A
1250v @ 2 MA
3 1/2 x 4 x 5 WT. 7 1/2 LB
15-3377
PRICE: \$4.95




Transformer
Pri: 1.5 ohm
Sec: 35-35 "
PO/BC-347
3/4x3/4x1 1/2
Stock # 229947/421
Price \$.59




PRI: 115 v 60 CYC
SEC: 600 CT 50 MA
6.3 CT 2 A.
5.0 2 A.
3x2x2 1/2; 2 LBS.
#5950-552-0891
\$3.95


TRANSFORMERS



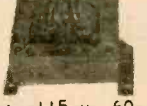
PRI: 115v 50-1000cy
SEC: 34 v 3.5 AMP
SIZE: 4x5x4: 15 LB
#5950-518-4306
\$4.95



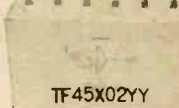
PRI: 117 V. 60CY
SEC: 12.7/14.5
77 WATTS 6 AMPS.
5x5x5: 12 LBS
#5950-199-2297
\$4.95



PRI: 115 v. 60c
SEC: 2.5v 1.75A
2.5v 1.75A
6.3v .6 A
3x5x3: WT: 8 LBS
#229611-127 \$1.95



PRI: 115 v. 60 CY
SEC: 2.2 v.
ALSO TAPPED WIND.
0-60V 10 TAPS 4
VOLTS EA. 1 TAP
20V. HV AMPS 4, LOW
EST VOLTAGE 20 A.
6x4x5; WT: 25 LBS
#6120-473-6811
\$7.95



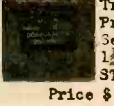
TF45X02YY
THREE PHASE
PRI 171v 50-450cy
SEC 28v @ 40A
6x7x9 1/2 WT. 45 LBS
PRICE: \$14.95



MICROPHONE TRANS
PRI: 40 OHMS
SEC: 75000 "
SIZE: 1x1x2
WT: 2 OZ.
#229986-2/RM-12
PRICE: 75¢



MICROPHONE
PRI: 14.5-21 OHM
SEC: 4475-6500
OHMS
CARBON MIC.
2x3x2 1/2
#P7762352G1
\$1.00



Microphone
Transformer
Pri: 1 ohm
Sec: 2000
1x2x2 1/2
STW#229666A
Price \$.59



1-177
TUBE CHECKER
TRANSFORMER
SIZE: 4x4x4 1/2 5 LB
STK # 229613.667
PRICE: \$4.95

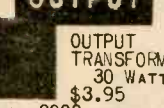


PRI: 144 v 50/60CY
PH. 3.4/2.32 KVA
SEC: 23 V FULL LOAD
RMS-2500 V. MAGNATRM
SIZE: 13x15x11; 200LB
FSN5950-189-4659
PRICE: \$30.00



ALL PRIMARIES
115 VOLT 60 CYCLE
SIZE: 2x1x1 1/2; 4oz
SEC: 125 v 25 MA
50 v 50 MA
MW#4521 \$1.25
SEC: 24 v 50 MA
2/WIND 12.6 0.5 A
MW#4523 \$1.25
SEC: 24 v 250 MA
MW#4528 \$1.00
SEC: 125 VOLT 35 MA
12.6 " 330 "
MW4534 \$1.50
SEC: 25v 30 MA
2/WIND 12.6v 1 A.
MW#4530 CASED \$2.


OUTPUT
OUTPUT TRANSFORMER
30 WATT
\$3.95
PRI: 8000 OHM
SEC: 4/8/15 OHM
3x3x3 1/2; WT: 2LB
#TG-10/27291
2 WATT OUTPUT TRANS-
FORMER, PRI. 25000
OHM SEC. 3.2 OHM
#49872 79¢



OUTPUT
TRANSFORMER
PRI: 450 OHMS
SEC: 300/4000 OHMS
IMPEDANCE
PO/BC-348
STK# 2C4348M/T
2x2x4 WT. 2 1/2 LBS.
PRICE: \$1.00



OUTPUT
TRANSFORMER
NP/NS-1.77/6.6, 50
TO 5000 CYC. 5MA.
SIZE: 2x2x2
GEM 7465623-1
PRICE: \$.75



OUTPUT
TRANSFORMER
PRI: 7000 OHM CT
SEC: 265 " " 80 " "
ONE WINDING
POWER: 62.5 WATTS
RESPONSE: 1 DB
20-20,000 CPS
SIZE: 4x6x4; 20 LB
TFIA13MA \$4.95

LOW VOLTAGE TRANSFORMERS

ALL PRIMARIES 105, 110, 1120, 125 VOLT, 60 CYCL

SEC: 6.6 V 36 AMP.
6x5x4; 23 LBS.
9T35Y245 \$8.95

SEC: 6.6 V 18 AMP
3x5x4; 12 LBS.
GE#9T35Y159 \$3.95

SEC: 6.6 V 10 AMP
4x3x4; 9 LBS.
GE#9T35Y158 \$2.95

SEC: 6.6 v 10 AMP.
6.6 VCT 1 "
5x4x3 1/2; 10 LBS.
GE#9T35Y181 \$3.25

SEC: 6.3v 2.75A
6.3v 5.5 A
3x3x3 1/2; 4 LBS.
ITC#SP6986 \$2.95

SEC: 6.3VCT 6 A.
2x2x3 1/2; 2 LBS.
TG-10-27292 \$2.95

PRI: 220/400 v. 60 CYCLE
SEC: 110 v. 50 MA.
SIZE: 2x1 1/2x1 1/2; WT: 4 OZ.
#B4527 \$1.50

FILAMENT TRANSFORMER
PRI: 70/100/140/200
60 CYC
SEC: 12.6 CT .7 A
6.3 CT .9 A
6.3 CT 1.5 A
6.3 CT 1.5 A
2.5 KV TEST
SIZE: 5x3x4 WT 5
STK# GE-7465625-PI
PRICE: \$2.95

SEC: 6.3 v 3.1 AMP.
6.3 v 2.5 " "
6.3 v 0.45 " "
6.3 v 0.30 " "
5.0 v 2.0 " "
5.0 v 2.0 " "
3x4x3; 4 LBS.
#TFIA01JA \$3.95

FILAMENT TRANSFORMERS
PRI: 105/115/125v 60 CYCLE
SEC: 6.3 v. @ 2 AMP.
2x2x2; 1LB. UTC5578 \$1.50

PRI: 115/120/126/132v 54-66cy
SEC: 6.6 v. @ 1.2 AMP.
2x3x2; 1 1/2 LB. 9T35Y240 \$1.25

PRI: 117v 50-60CYC
SEC: 3/5v CT @ 2A
2/5v @ 2A
2/2.5v @ 10A
7x4x3 1/2 WT. 12 LB
GILFILLAN #54148-1
PRICE: \$5.95

PRI: 115 V. 60 CYC
SEC: 5 V. 2 AMP
5 V. 2 "
4x5x2 1/2; WT: 8 LB
#229611.389 \$1.95

HIGH AUDIO

ALTEC LANSING 70W
OUTPUT TRANSFORMER
PRI: 3300 OHM CT
SEC: 250 & 500 OHM
SIZE: 4x5x4 1/2
WT. 13 LBS.
STK# TMJ-217A
PRICE: \$2.95

PRI: 7000 OHM CT
SEC: 265 " " 80 " "
ONE WINDING
POWER: 62.5 WATTS
RESPONSE: 1 DB
20-20,000 CPS
SIZE: 4x6x4; 20 LB
TFIA13MA \$4.95

HIGH VOLTAGE TRANSFORMERS



PRI: 115 VOLT 50/60 CYCLE
3.75 KVA
SEC: 7500/3750 V 5.3 KVA
MAX. DC OPER. 4.25 KVA
RMS 17 KV.
SIZE: 17x10x12; WT: 250LBS
FSN 5950-189-6498
PRICE: \$75.00

PRI: 105-125v
50-60CYC
SEC: 1100V CT @
250 MA
SIZE: 5x5x4 1/2
WT. 16 LBS.
UTC 52336
\$6.95

PRI: 105/110/115
120/125V 54-66CYC
SEC: 365V TAPPED
335 V. @ 500 MA.
4x5x3 1/2; 9 LB.
#ADCA8691 \$2.95

PRI: 105-110-115-
120-125
SEC: 365 v 775 MA
TAP. 340 v 525 MA
850CT 30 MA
5 v 2 A
6x7x5 1/2 30 LBS.
GE7415214
\$4.95

PRI: 105-110-115
120-125
SEC: 560CT 75 MA
365 V 150 MA
TAP 335 V
3x5x3 1/2 8 LBS.
TFIA02JA \$1.95


PRI: 117 V 60 CYC
SEC: 450 V 140 MA
12.6 20 AM
5.0 15 LB
4x6x4; 2 LB
EDO 10498 \$6.95

PRI: 117V 60-400CYC
SEC: 750 VCT 55 MA
5.0
6.3 V @ 5 AMP
3x3x4 WT 5 LBS.
#271-P-1 \$2.95

CIRCUIT PROTECTED
PRI: 110/220/440
50/60 CYCLE
SEC: 24 v 6 AMP.
6 V 1 "
CIRCUIT RESET
BREAKER 10 AMP.
FOR 4 1/2" SQ. BOX
MTG. ALSO 2 1/2" TER-
MINAL BOX W/KNOCK
OUTS.
SIZE: 7x4 1/2x5; 10LBS
FOSTER#D11586
PRICE: \$6.95




PRI: 200/220/240V
50-60 CYC
SEC: 10V CT @ 10A
4x4x5 1/2 WT. 11LBS
THERMADOR CS-8705
PRICE: \$3.95



VOLTAGE REGULATED
PRI: 90-130 VOLT
50/60 CYCLE
SEC: 29 VOLT 6 AM
SIZE: 8x5x4 1/2; 20 LB
PHOENIX#PX-2017B
PRICE: \$5.95

PRI: 120V 50/60cy
SEC: 25V 3 VA
(120 MA.)
SIZE: 2x1 1/2x1 1/2 MOUN-
TED ON 4 1/2" ELECT.
BOX PLATE THAT
CAN BE RE-MOVED.
WT: 1LB. #AT75A1036
\$1.00



CONSTANT VOLTAGE
PRI: 95 TO 130 v.
60 CYCLE
SEC: 6.5 v 12 AMP
9x4x4: 16 LBS.
SOLA #302473
#5950-578-8875
\$9.95

PRI: 115 V 60 CYC
SEC: 6.3 V 2.75 A.
6.3 V 5.5 A.
SIZE: 3x4x3 1/2 5 LBS
STK#ORD7629805
PRICE: \$2.50



PRI: 115 V 60 CYC
SEC: 6.3 V 4 AMF
SIZE: 4x3x3 1/2 5 LBS.
STK#ORD7629823
PRICE: \$1.50

PRI: 115 V 60 CYC
SEC: 6.3 V 2.7 AMF
SIZE: 2x2x2 1/2; 1 1/2 LB.
STK#5950-186-9789
PRICE: \$1.50

PRI: 115 V. 60 CYCLE
SEC: 4 V. 75 AMPS.
TRANSFORMER FOR SOLD-
ERING PLIERS. USED
CONDITION, NO CONNec-
TORS FOR PLIERS.
4x4x4; WT: 15 LBS.
IDEAL#2B \$7.50

PRI: 115v 60 cyC
SEC: 2/6.3v 1.2A
SIZE: 3x2x5
WT. 4 1/2 LBS.
#7629809
\$1.75


PRI: 115v 60cyC
SEC: 40-0-40v .18A
3x3x5 WT. 5LBS
#7629808
\$1.50

PRI: 115v 60 cyC
SEC: 5.7v 21.8A
3x4x5 WT. 9L
GE-7469149
PRICE: \$6.95

PRI: 115 v. 60CYC
SEC: 58 v. 2 AMP.
15 v. 5 "
4x4x3 1/2; 6 LBS.
82-30-8421 \$4.95
SAME INPUT, SIZE, WEIGHT
AS ABOVE, SECONDARY 54 v.
2 A. TAPPED 2v. 13v 5 A.
#82-92-1103 \$4.95



PRI: 120 V 60 CYC
SEC: 2.5 v 10 A.
NO C.T. INS. 10M.
4x3x5; 8 LBS.
#229611.144
\$2.95



PRI: 115 VOLT
60-400 CYC
SEC: 36 VCT 6 A.
5x5x4 1/2; 25 LBS.
#5950-740-2414
\$8.95

FURNACE CONTROL
TRANSFORMER
PRI: 115/230v 60c
SEC: 23v 1.8A
MOUNTED ON 4x4
PLATE WITH 2x4
ELECTRICAL JUNCT
BOX. WT. 4LBS.
\$1.50

PRI: 115 V 60 C
SEC: 6.3 V 3.6 A
15 V.004 A
15 V.004 A
SIZE: 3x3x3 1/2 4 LBS
STK#ORD7629806
PRICE: \$1.50

PRI: 120v 50-60cyC.
SEC: 5v CT @ 10.8A
SIZE: 5x3x3 1/2
WT. 8 LBS.
#L 217247-
PRICE: \$3.95

PRIMARY VOLTS
81, 163 & 230
50/60 CYCLE
SECONDARY VOLTS
12 CT. 3 AMPS
12 CT. 3 1/2 "
13 CT. 10 "
@ 115v 2/16v-3A 1/17v
10A. SIZE 4x7x7 18LBS.
GE#7466333 \$5.95

PRI: 110v 60 cyC
SEC: 6.3v 2A
12.6v 1.5A
SIZE: 2x2x4
WT. 4 LBS.
5950-556-1826
\$2.50

PRI: 110v 60 cyC
SEC: 6.3v 2A
12.6v 1.5A
SIZE: 2x2x4
WT. 4 LBS.
5950-556-1826
\$2.50

PRI: 110v 60 cyC
SEC: 6.3v 2A
12.6v 1.5A
SIZE: 2x2x4
WT. 4 LBS.
5950-556-1826
\$2.50

PRI: 110v 60 cyC
SEC: 6.3v 2A
12.6v 1.5A
SIZE: 2x2x4
WT. 4 LBS.
5950-556-1826
\$2.50



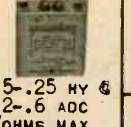
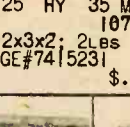



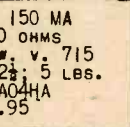


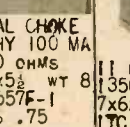
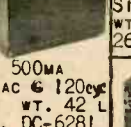

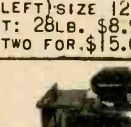





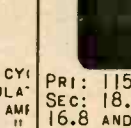
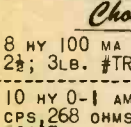
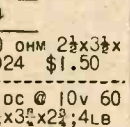


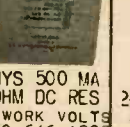
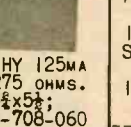
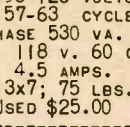
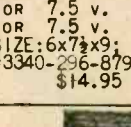
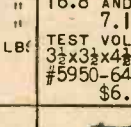
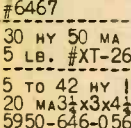


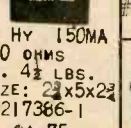


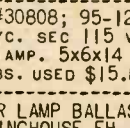

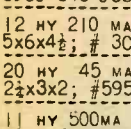


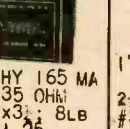
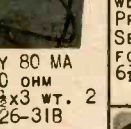
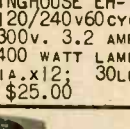
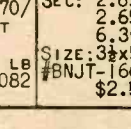

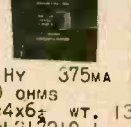
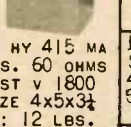
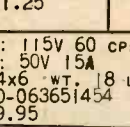

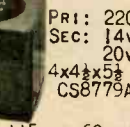
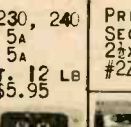
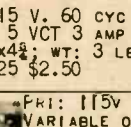
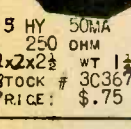


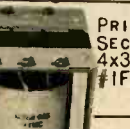
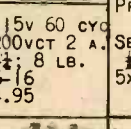
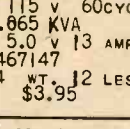

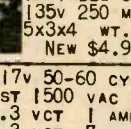


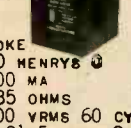
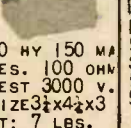
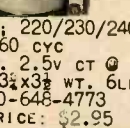

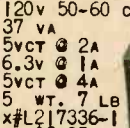

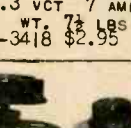
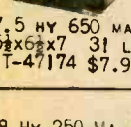


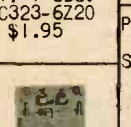
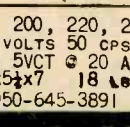
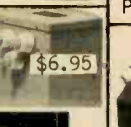

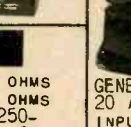
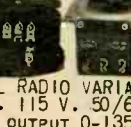
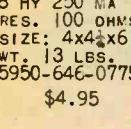

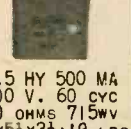
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SEC: 6.3v 2A
12.6v 1.5A
SIZE: 2x2x4
WT. 4 LBS.
5950-556-1826
\$2.50

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SEC: 6.3v 2A
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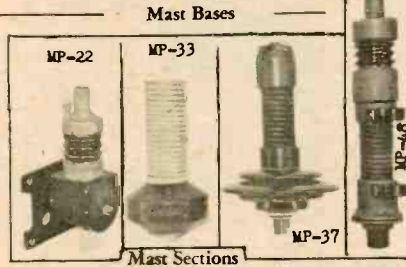
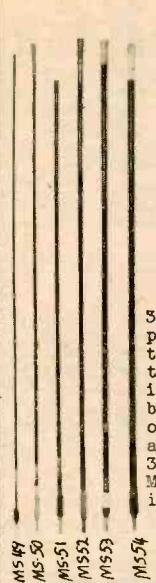
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SEC: 6.3v 2A
12.6v 1.5A
SIZE: 2x2x4
WT. 4 LBS.
5950-556-1826
\$2.50

 <p>30 HY 70 MA 550 OHM 2 1/2 x 2 1/2 x 3 1/2; 1 LB #3C325-6 \$1.25</p>	 <p>25 HY 160MA 350 OHM 3 1/2 x 3 1/2 x 4; 8 LB 3C317-38 \$1.50</p>	 <p>8 HY 100 MA 160 OHMS 2 1/2 x 3 1/2 x 2 1/2; 4 LB #TR-1024 \$1.50</p>	 <p>.5-.25 HY @ 2-.6 ADC 7 OHMS MAX DC 535V WVM 2 1/2 x 3 1/2 x 2 1/2 4 LBS. GE #T35Y283 \$1.25</p>	<p>25 HY 35 MA DC 1070 MV 2x3x2; 2LBS GE #7415231 \$.79</p> 	 <p>DUAL CHOKE 11 HY 100 MA 200 OHMS 4x4x5 1/2; WT 8 #3C557F-1 \$.75</p>	 <p>SELENIUM RECTIFIER HALF OF FULL WAVE (FOR USE W/TRANS. T LEFT) SIZE 12x16x6 WT: 28LB. #ACME TWO FOR \$15.00</p>	 <p>PRI: 115 V 60 CYC SEC: 20,000 V. 750 VA 3x12x9; 40 LBS. #465-001-119 \$20.00</p>	 <p>SOLA No. 6032 CONSTANT VOLTAGE PRI: 95-125 VOLTS 57-63 CYCLE 1 PHASE 530 VA. SEC: 118 V. 60 CY 4.5 AMPS. 17x13x7; 75 LBS. Used \$25.00</p>
 <p>8 HY 150 MA 100 OHMS MAX. W. V. 715 3x4 1/2 x 2 1/2; 5 LBS. #TF1A04HA \$1.95</p>	 <p>20 HY 300 MA #CRP30366 SIZE: 7x7x8 WT: 35 LBS. \$6.95</p>	 <p>"A" CHOKE 1 HY 1 AMP .7 OHM 2 1/2 x 2 1/2 x 3 1/2 LB STK #M-13331 \$1.25</p>	 <p>11 HY 500MA 1350 VAC @ 120 CYC 7x6x9 1/2; WT. 42 L ITC NO. DC-6281 PRICE: \$8.95</p>	 <p>10 HYS 500 MA 45 OHM DC RES 500 WORK VOLTS #5950-646-1383 \$5.95</p>	 <p>14 HY 125MA 275 OHMS. 2 1/2 x 3 1/2 x 5 1/2; 308-708-060 \$1.25</p>	 <p>SOLA #30808; 95-125 60 CYC. SEC 115 V. 4.35 AMP. 5x6x14 25 LBS. USED \$15.00</p>	 <p>VAPOR LAMP BALLAST WESTINGHOUSE EH-1 PRI: 120/240V 60 CYC SEC: 300V. 3.2 AMP. FOR 400 WATT LAMPS 6 1/2 DIA. x 12; 30 LBS \$25.00</p>	 <p>AUTO-TRANSFORMER INPUT 100 VOLT 60 3 AMP. OUTPUT 270/ 290/310/350 VOLT 1.25 AMPS. SIZE: 6x8x4 1/2; 23 LB RCA #901508 CMM3082 \$7.95</p>
<p>Chokes</p> <p>8 HY 100 MA 160 OHM 2 1/2 x 3 1/2 x 2 1/2; 3LB. #TR-1024 \$1.50</p> <p>10 HY 0-1 AMP. DC @ 10V 60 CPS, 268 OHMS, 2 1/2 x 3 1/2 x 2 1/2; 4LB #6467 \$1.75</p> <p>30 HY 50 MA 263 OHM 3x4x2 1/2; 5 LB. #XT-263A \$1.00</p> <p>5 TO 42 HY 160 OHMS 130 TO 20 MA 3 1/2 x 3 1/2 x 4 1/2; 7LB 5950-646-0561 \$1.75</p> <p>12 HY 210 MA 50 OHM 1 1/4 LB 5x6x4 1/2; # 3C316-33 \$2.50</p> <p>20 HY 45 MA 308 OHM 2 LB 2 1/2 x 3 x 2; #5950-260-0380 \$1</p> <p>11 HY 500MA 35 OHM 25 LBS. 6 1/2 x 8 x 6; PWV6425 #10-28 \$7 1/2</p>				 <p>10 HY 150MA 210 OHMS WT. 4 1/2 LBS. SIZE: 2 1/2 x 5 x 2 1/2 #217366-1 \$1.75</p>	 <p>17 HY 80 MA 300 OHM 2 1/2 x 2 1/2 x 3 WT. 2 #3C326-31B</p>	 <p>15 HY 165 MA 135 OHM 4x4x3 1/2; 8LB \$1.25</p>	 <p>10 HY 415 MA RES. 60 OHMS TEST V 1800 SIZE 4x5x3 1/2 WT: 12 LBS. 5950-645-9675 \$4.95</p>	 <p>PRI: 115V 60 CPS SEC: 50V 15A 4 1/2 x 4 x 6; WT. 18 LB 5340-063651454 \$9.95</p>
 <p>5 HY 50MA 250 OHM 2x2x2 1/2; WT 1 1/2 STOCK # 3C3672 PRICE: \$.75</p>	 <p>6 HY 75 MA 150 OHM 3x3x2 1/2; WT: 2 1/2 STK #3C316-7 PRICE: \$.79</p>	 <p>10 HY 375MA 100 OHMS 4x4x6 1/2; WT. 13 #L217210-1 PRICE: \$4.95</p>	 <p>10 HY 150 MA RES. 100 OHM TEST 3000 V SIZE 3 1/2 x 4 1/2 x 3 WT: 7 LBS. 3C323-6Z20 PRICE: \$3.95</p>	 <p>PRI: 220/230/240V 50-60 CYC SEC. 2.5V CT @ 10A 5 1/2 x 3 1/2 x 3 1/2; WT. 6LBS 5950-646-4773 PRICE: \$2.95</p>	 <p>PRI: 200, 220, 240 VOLTS 50 CPS SEC: 5VCT @ 20 AMP 4 1/2 x 5 1/2 x 7 1/2; 18 LBS. #5950-645-3891</p>	 <p>PRI: 115V 60CYC SEC: 200VCT 2 A. 4x3 1/2 x 4 1/2; 8 LB. #1FX46-16 \$4.95</p>	 <p>PRI: 115V 60CYC SEC: 5VCT @ 2A 6.3V @ 1A 5VCT @ 4A 3x3 1/2 x 5 WT. 7 LB BENDIX #L217336-1 PRICE: \$3.95</p>	 <p>PRI: 115V 60 CYC SEC: 5 VCT 3 AMP 2 1/2 x 3 1/2 x 4 1/2; WT: 3 LBS. #229625 \$2.50</p>
 <p>7.5 HY 650 MA 5 1/2 x 6 1/2 x 7 3/4; 31 LB T-47174 \$7.95</p>	 <p>6 HY 80MA P/O TG-10 SIZE: 2 1/2 x 2 x 2 WT. 1 1/2 LBS. #27294 PRICE: \$.89</p>	 <p>10 HY 150 MA RES. 100 OHM TEST 3000 V SIZE 3 1/2 x 4 1/2 x 3 WT: 7 LBS. 3C323-6Z20 PRICE: \$3.95</p>	 <p>10 HY 75MA DC 375 OHMS 1070 MV 2x2 1/2 x 1 1/2; 1 1/2 LB TF1A04KA/A8649 \$0.89</p>	 <p>BAND PASS FILTER 2820 CYCLE WIDTH, BAND 1285-4200 CPS INPUT: 600 OHMS 250 OHMS OUTPUT: 120,000 OHMS 2 1/2 x 2 1/2 x 3 WT. 2 LBS., \$1.95 STK # 3Z1892-19</p>	 <p>LOW PASS FILTER 2.7 KC CUTOFF WITH BALANCED 600 OHM INPUT AND OUTPUT IMPEDANCE. SIZE: 1 1/2 x 5 1/2 x 3 1/2 WT. 4 LBS. STK 3Z1892-1.2 \$2.95</p>	 <p>AUDIO FREQUENCY PLATE COUPLING PRI: 30 OHMS SEC: 3000 OHMS 2 1/2 x 3 1/2 x 5 WT. 6 LB #229632.197 \$1.95</p>	 <p>AUDIO OUTPUT TRANSFORMER PRI: 10,000/2500 OHM SEC: 10/2.5 OHM 3 1/2 x 3 1/2 x 2 1/2; WT. 5LB. #29531 \$2.95</p>	 <p>GENERAL RADIO VARIAC TYPE 20 20 AMP. 115 V. 50/60 CYCLE INPUT; OUTPUT 0-135 VOLTS WITH KNOB, NO DIAL. SIZE: 7x7 1/2 x 8; WT: 25 LBS. APPEAR TO BE LIKE NEW \$30</p>
 <p>8 HY 250 MA RES. 100 OHMS SIZE: 4x4x6 WT: 13 LBS. 5950-646-0775 \$4.95</p>	 <p>3.5 HY 500 MA 100 V. 60 CYC 30 OHMS 715WV 4x5 1/2 x 3 1/2; 10 LBS TF1A04KA/A8649 \$2.95</p>	 <p>10 HY 75MA DC 375 OHMS 1070 MV 2x2 1/2 x 1 1/2; 1 1/2 LB TF1A04KA/A8649 \$0.89</p>	 <p>115 V 50-65 CYC & AUX. VIBRATOR SEC: 444 CT 97MA 6.3 CT 3.2A 12.4V 390MA 4x3 1/2 x 3 1/2; 9 LBS. #5950-376-9600 \$4.95</p>	 <p>AUDIO TRANSFORMER PRI: 37,000 OHMS SEC: 7,400 OHMS FREQ. RES. 250- 14,000 CPS. 6 LBS. 3x3 1/2 x 4 #REL 12196 \$1.95</p>	 <p>AUDIO TRANSFORMER PRI: 10,000/2500 OHM SEC: 10/2.5 OHM 3 1/2 x 3 1/2 x 2 1/2; WT. 5LB. #29531 \$2.95</p>	 <p>AUDIO TRANSFORMER PRI: 10,000/2500 OHM SEC: 10/2.5 OHM 3 1/2 x 3 1/2 x 2 1/2; WT. 5LB. #29531 \$2.95</p>	 <p>GR-200-BS58 115 V 50/60 CY OUTPUT 0-135 2.4 AMP \$9.95</p>	 <p>GR M2 115 V 350-1200 CPS INPUT; OUTPUT 0-135 2 AMP. PRICE: UNUSED \$7.00</p>
 <p>8HY 300 MA RESISTANCE 90Ω OIL FILLED WT. 7.5 LBS. SIZE: 8x3 1/2 x 4 1/2 3340-310-190-04 \$5.95</p>	 <p>3-5 HY 500 MA 28 OHMS 5x4x4; 9 1/2 LB KS-8572 3C1987-72 \$4.95</p>	 <p>5.0 HY AT 10 60 CYC 400 M RES: 50 OHM SIZE: 6x4 1/2 x 4 WT: 13 LBS. #3521746 \$3.95</p>	 <p>115 V 50-65 CYC & AUX. VIBRATOR SEC: 444 CT 97MA 6.3 CT 3.2A 12.4V 390MA 4x3 1/2 x 3 1/2; 9 LBS. #5950-376-9600 \$4.95</p>	 <p>AUDIO TRANSFORMER PRI: 10,000/2500 OHM SEC: 10/2.5 OHM 3 1/2 x 3 1/2 x 2 1/2; WT. 5LB. #29531 \$2.95</p>	 <p>AUDIO TRANSFORMER PRI: 10,000/2500 OHM SEC: 10/2.5 OHM 3 1/2 x 3 1/2 x 2 1/2; WT. 5LB. #29531 \$2.95</p>	 <p>AUDIO TRANSFORMER PRI: 10,000/2500 OHM SEC: 10/2.5 OHM 3 1/2 x 3 1/2 x 2 1/2; WT. 5LB. #29531 \$2.95</p>	 <p>GR TYPE 60-AG357 INPUT 120 V. 400 CYCLE 3 PHASE 2100 VA IN TANDEM, OUTPUT 0-135 PRICE: UNUSED \$22.95</p>	 <p>POWERSTAT PRI: 12 V 60 CYC SEC: 3.5 V. 2 AMP. #5-1066 PRICE: UNUSED \$1.50</p>
 <p>8HY 300 MA RESISTANCE 90Ω OIL FILLED WT. 7.5 LBS. SIZE: 8x3 1/2 x 4 1/2 3340-310-190-04 \$5.95</p>	 <p>3-5 HY 500 MA 28 OHMS 5x4x4; 9 1/2 LB KS-8572 3C1987-72 \$4.95</p>	 <p>5.0 HY AT 10 60 CYC 400 M RES: 50 OHM SIZE: 6x4 1/2 x 4 WT: 13 LBS. #3521746 \$3.95</p>	 <p>115 V 50-65 CYC & AUX. VIBRATOR SEC: 444 CT 97MA 6.3 CT 3.2A 12.4V 390MA 4x3 1/2 x 3 1/2; 9 LBS. #5950-376-9600 \$4.95</p>	 <p>AUDIO TRANSFORMER PRI: 10,000/2500 OHM SEC: 10/2.5 OHM 3 1/2 x 3 1/2 x 2 1/2; WT. 5LB. #29531 \$2.95</p>	 <p>AUDIO TRANSFORMER PRI: 10,000/2500 OHM SEC: 10/2.5 OHM 3 1/2 x 3 1/2 x 2 1/2; WT. 5LB. #29531 \$2.95</p>	 <p>AUDIO TRANSFORMER PRI: 10,000/2500 OHM SEC: 10/2.5 OHM 3 1/2 x 3 1/2 x 2 1/2; WT. 5LB. #29531 \$2.95</p>	 <p>GR TYPE 60-AG357 INPUT 120 V. 400 CYCLE 3 PHASE 2100 VA IN TANDEM, OUTPUT 0-135 PRICE: UNUSED \$22.95</p>	 <p>POWERSTAT PRI: 12 V 60 CYC SEC: 3.5 V. 2 AMP. #5-1066 PRICE: UNUSED \$1.50</p>
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ANTENNAS

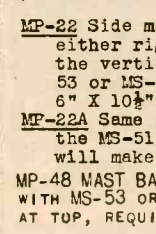


Mast Bases

MP-22 Side mount swivel mast base will tip to 90° either right or left. Has a spring snap lock in the vertical position, will take either the MS-53 or MS-54 mast sections. Size Mtg. plate 5" 6" X 10 1/2" high. Wt. 9 lbs. Price.....\$2.95

MP-22A Same as above except mounting hole is for the MS-51 with the MS-49, MS-50 and MS-51. This will make a 9 ft. tapered antenna. Price \$2.95

MP-48 MAST BASE FOR THE ABOVE MAST SECTIONS STARTING WITH MS-53 OR MS-54, HEAVY SPRING 2"x3 1/4", INSULATOR AT TOP, REQUIRES 1 1/2" HOLE MTG. SIZE: 3x16; 13 LB \$4.95



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MP-22 Side mount swivel mast base will tip to 90° either right or left. Has a spring snap lock in the vertical position, will take either the MS-53 or MS-54 mast sections. Size Mtg. plate 5" 6" X 10 1/2" high. Wt. 9 lbs. Price.....\$2.95

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MP-48 MAST BASE FOR THE ABOVE MAST SECTIONS STARTING WITH MS-53 OR MS-54, HEAVY SPRING 2"x3 1/4", INSULATOR AT TOP, REQUIRES 1 1/2" HOLE MTG. SIZE: 3x16; 13 LB \$4.95

CU-168 ANTENNA COUPLER; PROVIDES MEANS FOR OPERATING 5 RECEIVERS FROM ONE ANT. UNBALANCED LINE INPUT NOM. IMPEDANCE 70 OHMS ON OUTPUT ALSO. FREQ. RANGE 2 - 32 MC. EACH COUPLING CIRCUIT HAS 4/12AU7 TUBES. POWER REQ. 115v. 50-400CY. RACK MTG. 19x24; WITH TUBES, UG-21 COAX. CONN. & MANUAL. WT; 75LBS. UNUSED \$29.95

PARABOLIC ANTENNA

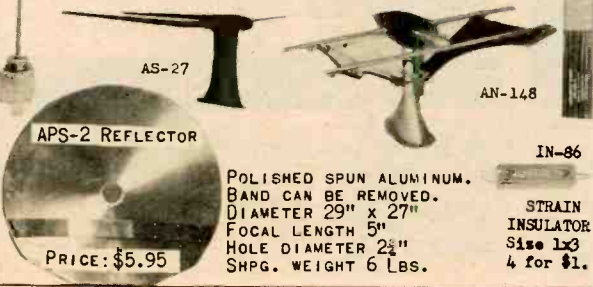
DISH PAN TYPE, FOUR (4) FOOT DIAMETER ALUMINUM PAINTED GREY, 2 1/2" FEED FOR APPROX. 7100 MC. THREE INCH ROUND MTG. FOR WAVE GUIDE SIZE 1-5/16 X 5/8, FOUR (4) MOUNTING STUDS WITH HARDWARE.

PHILCO #463-2252-1. SHPG. WT. IN CRATE 225 LBS. SLIGHTLY DENTED \$15.00 FEED \$5

REFLECTORS

MICROWAVE, PLANE TYPE CONFIGURATION, ALUMINUM, NOT PERFORATED. MOUNTED BY FRAME WORK OF REFLECTOR AND BRACKETS WITH HARDWARE, GUYS AND ADJUSTMENT FOR AZIMUTH. SIZE: 8 FOOT X 6 FOOT, NET WT. 125 LBS. SHPG. WT. 375. PRICE: \$50.00

- AS-150/ ART Whip Antenna 30" long with 8ft. matching coax cable & SO-239 plug. \$1.50
- AS-97/ART Whip same as above except 72"rod. 1.95
- AS-27/ARN-5 Horizontal folded dipole as used with RC-103, BC-133, ARN-5 Equip. on airplanes. 108-110 MC. UNUSED \$5.95
- AN-148 Dipole Antenna 150 to 180 MC. 2.95
- AN-104A Stub Antenna 1/SCR-522 100-156MC. 1.95



AS-125/APR ANTENNA; FOR USE W/RECEIVERS IN THE 1000-6000 MC. FREQ. RANGE, 6" MOUNTING W/HARD. JG-22 COAX. RECEPTACLE. SIZE: 6x8; 4LB. \$2.95

UG-21 COAX. CONNECTOR TO FIT ANTENNA 50¢

AT-598/APT WHIP ANTENNA 30 1/2" LG. WITH COAX. REC. F/UG-100A/U. WT: 5 LBS. \$1.50

MATCHING COAXIAL LINE RG-14 11" W/2UG-100, 1 UG-109 \$2.

AT-35 DIPOLE ANTENNA 200-250 MC. WITH UG-22 COAXIAL CONN. 2A288A-35 WT: 2LBS. \$1.50

SPREADER INSULATORS WHITE CERA 3/4"x4", 2 1/2" HOLE CENTERS. \$.25 EACH 5 FOR \$1.00 3/4"x 12", 10" HOLE CENTERS \$.45 EACH, 3 FOR \$1.25

AN-109 WHIP ANTENNA; 5 FT. TAPERED 1/4 TO 1/8 PRICES: \$1.50 EACH SIX (6) FOR \$3.00

AN-117 WHIP ANTENNA; 6 FT. TAPERED 5/8 TO 1/8 PRICES: \$1.50 EACH SIX (6) FOR \$3.00

TRANSMITTING LEAD-IN INSULATOR, 15" LG. THREADED ROD W/CONE INSULATORS 2/x2x1 EA. END, 8" ADJUSTABLE INS. BETWEEN CONES. #4238, 2LB \$1.00

AN-745 TELESCOPING WHIP 8 FT. TAPER 5/8-1/8 PRICE: \$1.00 EACH SIX (6) FOR \$4.00

AN-130 GOOSENECK WHIP 30", SCREW BASE FITS INSULATOR LISTED BELOW. PRICE: \$1.00 EACH SIX (6) FOR \$ 4.00

AN-20T CHROME TELESCOPING 20" PRICE: \$.50 EACH SIX (6) FOR \$2.00

2A-124 ALUMINUM ROD 3/8" X 6 FT. NO TAPER PRICE: .75 EACH SIX (6) FOR \$3.00

MX-138A TARGET CORNER REFLECTOR FOR RAFT RESCUE. CONSISTS OF A CUBE & 6 ARMS 28" LG. 12 REFLECTING FABRIC TRIANGLE ATTACHED TO ARMS & FACE OF CUBE. ADAPTER IS PROVIDED FOR ATTACHING TO OAR SHIPPED FOLDED, WT: 2 1/2 LBS. \$4.95

WHIP ANTENNA 7' EXTENDED, 15 IN. COLLAPSED #CCI-51048 2LBS \$1.00

A-62 PHANTOM ANTENNA \$1.25

USED WITH BC-604 TRANSMITTER FOR LOADING TRANSMITTER WITHOUT USE OF REGULAR ANTENNA. CAN BE USED FOR ANY TRANSMITTER IN THE 21 TO 28 MC. BAND. HAS A VARIABLE CAPACITOR 55 MMF., 2/RESISTORS, COIL SLUG TUNED, BINDING POSTS AND INDICATOR LAMP THAT LIGHTS WHEN TRANSMITTER IS LOADED. SIZE 3x6. WT: 4 LBS

GROUND PLANE ANTENNA

Ground plane antenna to cover 20 to 50 MC. Made from surplus insulated base & screw in type mast sections. Mounts on 1 to 2 inch pipe. Specify operating frequency range. \$10.95

AN-45 TELESCOPING ANTENNA 8 FT. \$1.95

INSULATOR TERMINAL STRIP

8 feed thru insulators size 1/2 x 1, mounted on 1 x 9 terminal strip. Each strip \$.35 Four strips \$1.00

ANTENNA PHOSPHOR BRONZE #16 1 CONDUCTOR WITH 2 SNAPS & SLIDE CONNECTOR, INSULATED. AN-22 " 20 " .65

LP-21LM LOOP ANTENNA

USED FOR AIRCRAFT RADIO COMPASS 200-1500 KC. CONTAINS CK-2 MOTOR AND MC-507 AUTOSYN COMPENSATOR THAT OPERATE FROM 26 V. 400 CYC. USED IN CONJUNCTION WITH I-81 OR I-82 INDICATORS SHOWN ON PAGE 30 OF CATALOG. WILL ALSO WORK ON 60 CYC BUT NOT AS ACCURATE. SIZE: 20x16x10. WT: 15 LBS. PRICE: USED \$9.95 PL-112-108 SET \$4.00

AS-69/APT 535-700 MC. TWO CROSS DIPOLES BENT DOWNWARD TOWARDS A SCREEN REFLECTOR (REFLECTOR NOT SUPPLIED) 1/2 WAVE TRANS. 1/4 WAVE PHASING. TAKES UG-21 CONN. 6" MOUNTING. 9 1/2" Hx8" D. 8LB. \$9.95

MN-20 MANUAL ROTATABLE LOOP ANTENNA, USED AS A DIRECTION FINDING ANTENNA IN THE 150 TO 1500 KC FREQ. RANGE WITH MN-26 & RA-10 RECEIVERS OR ANY OTHER TYPE IN THIS RANGE USED \$2.95 UNUSED \$3.95

MN-20C USED \$2.95 NEW \$3.95

MN-52 AZIMUTH CONTROL BOX W/O-360 DEG. DIAL, LIGHT & CRANK USED WITH MC-124 FLEXIBLE SHAFT THAT IS CONNECTED TO THE LOOP AND WHEN CRANK IS TURNED LOOP TURN UNUSED \$2.95

MC-124 FLEXIBLE SHAFT FOR USE WITH LOOP AND CONTROL BOX, 5 1/2 FT. \$1.95 EACH EXTRA FT. 25¢ SPECIFY/SHIP CLOSE

CABLE FOR ANTENNA LEADIN 5 WIRE SHIELDED WITH PLUG TO FIT LOOP OTHER END BARE WIRE 8 FT. LG. #ACS8267 \$1.95

AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS THAT TUNES FROM 200 TO 1750 KC, OPERATES FROM 26 VOLT 400 CYCLE SIZE: 10x11x5; WT: 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95

RL-42 REEL MOTOR GEAR BOX 24 VOLT D.C MOTOR 1/8 H.P. REVERSIBLE WITH MAGNETIC CLUTCH AND LIMIT SWITCHES USED IN AIRCRAFT FOR LETTING OUT AND REELING IN ANTENNA WIRE. SIZE: 12x4 1/2x4 1/2; WT: 10 LBS. PRICES. MOTOR & GEAR BOX ONLY USED \$7.95 MC-235 REEL BOBBIN " " 1.50 MOTOR ONLY NEW 7.50

A-27 PHANTOM ANTENNA USED W/ BC-653/191 100 W. TRANSMITTERS FOR TUNING & LOADING. CONTAINS 0-150 MMF. WIDE SPANDED 3/16" VARIABLE COND. & 2/12 OHM 40 W. NON-INDUCTIVE RES. IN METAL BOX W/ KNOB & 0-100 SCALE. WT: 3 LBS. 3 1/2x7x4 1/2; PRICE: USED \$1.95 RE-NEW \$2.95

AERIAL MATCHING UNIT NO. CI ZA/CAN 9268. FREQ. RANGE 2 TO 8 MC. 50 TO 100 WATT, DEPENDING ON FREQ. CONTAINS VARIABLE CAPACITOR, TWO VARIABLE INDUCTANCE TUNERS, COUNTERS FOR PA TUNE AND ANTENNA TUNE. ALSO 1 1/2" "VU" METER ETC. SIZE: 8x5x10; WT: 8 LBS. PRICE: USED \$18.95

SMALL ANTENNA INSULATORS

Insulating material made of polystyrene Size 1 1/2x1 1/2 Mtg. hole 3/4" Receptacle size 3/8x24 TH. STOCK # 223021-227 Fits ANT. AN-130, 131, Size 7/8x1 1/2 Mtg. hole 5/8" Receptacle size 1/2 x 20, TH. Fits any of the UHF Rods Stock # 223062-237 Specify type each \$.75

NEON LIGHTING ARRESTOR HI-POWER 4 for \$1

VIS-O-GLO

CABLES

NEW COAXIAL CABLE



NEW MANUFACTURE AND BRANDED WITH STANDARD TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN BETWEEN LENGTHS USE THE HIGHER PRICE. LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

	100 FEET	500 FEET	1000 FEET	5000 FEET
RG-8/U	52 OHM .12	.11	.10	.10
RG-11/U	75 OHM .20	.18	.17	.16
RG-58/U	53 1/2" .05	.05	.05	.04
RG-59/U	73 " .05	.05	.05	.04

PRICES ARE PER FOOT

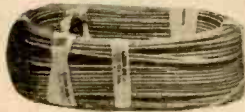
NEW COAXIAL CONNECTORS

TYPE	PRICE	TYPE	PRICE
SO-239	\$.45 EA.	PL-259	\$.45 EA.
10 OR MORE	\$.39 EA.	M-359	\$.49 EA.
		10 OR MORE	\$.45 EA.
		PL-258 JUNCTION	\$.89 EA.
		10 OR MORE	\$.80 EA.

TYPES MAYBE ASSORTED TO OBTAIN THE LOW PRICE

Coaxial Cable FOR LESS THAN 3c Per Foot!

RG-54 A/U CABLE-



DESIGNED FOR LONG LIFE & CONSTANT ATTENUATION 58 OHMS, .250 OD. WITH POLYETHYLENE JACKET.

370 FOOT ROLL \$10.00 70 FOOT ROLL \$1.95
LESS THAN SPECIFIED LENGTHS .03 PER FOOT

COAX CABLE ASSY.

TYPE	OHMS	LENGTH	CONNECTOR	STOCK#	PRICE
RG-9B/U	51	25 FT.	2/UG-21	GEPI9	\$2.25
RG-8/U	52	8FT	2/PL-259	CA-102	.75
RG-21/U	53	10FT	UG/21/22	CD-780S	.35
RG-22/U	95	40FT	PL/284	CD-879	.75
RG-22/U	95	46 1/2 FT	PL-284	CD-878	.80
RG-22/U	95	50FT	PL-284	CD-877	1.00
RG-62/U	93	10FT	2/UG-88	CG-1410	.35
RG-62/U	93	22FT	2/UG-88	CG-1410	.75
RG-62/U	93	35FT	2/UG-88	CG-1410	1.00
RG-62/U	93	130FT	2/UG-88	CG-1410	1.95

CABLES FOR SETS

CABLE #	PLUG #	LENGTH	USED WITH	PRICE
3E7243-2	OK12-23	52 IN.	TCS/REC-PS	\$2.75
3E7273-19	SKC16-23	29 IN.	TCS/TRS-PS	2.75
CD-515		48 IN.	BC-669	5.95
CD-501	F/BC-654 & PE-103			4.95
CD-548	2EA PLI18	9 FT.	TEST SET	4.95
CD-549	2/ PL-112	9 FT.	TEST SET	4.95
CD-526	2/ PL-153	5 FT.	274 N SERIES	4.95
CD-532	2/ PL-152	5 FT.	"	2.75
CD-509		8 FT.	BC-659/620	2.75

COAX CONNECTORS USED

UG	PLUG	USED	EA.	FOR	PRICE
UG-260/U	BNC		.20	6	\$1.00
UG-290/U	"	RECT.	.20	6	"
UG-291/U	"	PANEL J	.25	6	"
UG-88/U	"	PLUG	.28	"	"
SO-239	UHF	CHASS	.25	"	"
PL-259	"	PLUG	.25	"	"
M-359	"	ELBOW	.35	3	"
UG-21	N	PLUG NEW	.59	2	"
UG-22	"	PANEL JUSED	.39	3	"
UG-23	"	JACK	.39	3	"
UG-29B	"	ST. AD NEW	.79	2	.50
UG-29B SPEC. BULK	"	" USED	.79	2	.50
UG-100/U LN	PLUG	"	.59	"	"
UG-100 SPEC. REC. CHAS.	"	"	.59	"	"
UG-109/U LN	ST. AD.	"	.79	"	.50
10H/528 ENG.	CHAS. REC NEW	"	.59	2	"
10H/702	90 DEG.	USED.	.59	2	"
10H/1366	STRAIGHT	"	.59	2	1.00
UG-260/U BNC	RG-71/U	5" TO BULKHEAD AD.	N	N	.39
SAME AS ABOVE	W/90DEG.UG	"	N	N	.39
UG-260/U BNC	RG-71/U	9" TO UG-291/U	N	N	.59
UG-260B/U BNC	"	3" TO UG-262/U	N	N	.59

CRYSTAL TESTER



TS-268/U CRYSTAL RECTIFIER TEST SET: USED FOR TESTING DIODE CRYSTAL RECTIFIERS, CONTAINS 3 1/2" METER, 1 MA. FULL SCALE MOVEMENT WITH 0-1 DC MA AND 10 TO .1-0 KILOHMS, ALSO 5 POS. SELECTOR SW. ADJ. CONT. & PUSH SW. OPERATES FROM DRY CELL STANDARD BATTERY. USED TO CHECK IN-21 & IN-23 CRYSTALS ETC. SIZE: 4 1/2 x 7 1/2 x 4; WT: 5LBS. PRICE: USED \$5.95

DUMMY LOAD

AN/URM-13 DUMMY LOAD FOR TRANSMITTER IN THE 100-400 MC RANGE 5 TO 20 WATTS. DA-38/URM-13 DUMMY LOAD WITH UG-21 COAX. CONN. AND FOUR MAZADA 1476 LAMPS, FOUR EXTRA LAMPS AND 1 UG-83 ADAPTER THAT ADAPTS UG-21 TO PL-259, IN METAL BOX 2 1/2 x 4 1/2 x 2 1/2; 1 LB. PRICE: USED \$2.95

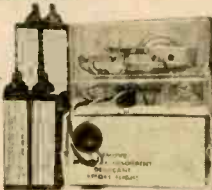


TS-238/TS-207 ECHO BOX WITH 200 DC MICROAMPERES METER 3" AND CRYSTAL ADAPTER FOR RF ENERGY. ECHO BOX IS A RESONANT-CAVITY DEVICE DESIGNED TO SIMPLIFY THE TUNING AND CHECKING OF RADAR BY PROVIDING A ARTIFICIAL OR "PHANTOM TARGET WHICH MAY BE USED IN USED IN TUNING THE RECEIVER TO THE TRANSMITTER IF NO REAL TARGETS ARE AVAIL. PROVIDES A CLEAR, STEADY ECHO OF KNOWN CHARACTERISTICS WHEN SUCH AN ECH IS NOT OBTAINABLE FROM NEAR BY GROUND TARGETS. REQUIRES UG-21 COAX. CONN. SIZE: 11x15x7; WT: 15 LBS. PRICE: RE-NEW \$15.00 UG-21 COAXIAL CONNECTOR FOR ABOVE UNIT. 75c

MA-1 RANGE SERVO TEST SET USED FOR TESTING AND TROUBLE SHOOTING AIR FORCE TYPE "A" SERIES RANGE SERVOS. SPECIFICALLY, THE TEST PROVIDES A MEANS OF MEASURING THE VARIOUS OPERATING VOLTAGES OF THE RANGE SERVO UNSER TEST AND LOCALIZING THE TROUBLE WITHIN A RADAR SIGHTSIGHT SYSTEM. CONTAINS 3 1/2" 50 MICRO-AMP METER WITH 0-60 0-150 SCALES IN RED FOR ACV & 0-50/500 VDC SCALE IN BLK. SELECTOR SWITCHES, INDICATOR LIGHTS AND FOUR GORN CONNECTORS 12M & 12F WHICH ARE MALE & FEMALE 12 CONTACT ALSO CABLE WITH MATCHING DETACH PLUGS. SIZE, 10 1/2 x 10 x 7 1/2 IN ALUMINUM CASE. WT; 18 LBS. PRICE: RE-NEW \$18.95

RADIOSONDE

AN/AMT-2 RADIOSONDE: CONSISTS OF TWO MAJOR COMPONENTS: T-69/AMT-2 TRANSMITTER F-2 EMISSION (FM) 390 TO 410 MC RANGE, WITH TUBES 1/1L4 & 1/955 BATTERIES REQ. BB-208 DESCRIBED BELOW. ML-3100 MODULATOR WITH SENSOR MECHANISM CONTAINING ELEMENTS CONTROLLED BY PRESSURE, TEMPERATURE AND HUMIDITY WHICH IS THEN TRANSMITTED. UNIT IS ATTACHED TO TRANSMITTER WITH CLIPS AND CONNECTED BY CABLE. BB-208 BATTERIES ARE DRY CHARGED AND PLUG-IN TO THE TRANSMITTER BOX. CONSISTS OF 3/36 VOLT & 1/6 V. EQUIPMENT IS INTENDED TO BE TAKEN ALOFT BY A FREE BALLOON AND TRANSMIT METEOROLOGICAL INFORMATION TO A GROUND STATION. ACTUAL WEIGHT 2 LBS. SHPG. 3 LBS. ALL 3 \$3.95



TS-328A/U FREQUENCY METER 400 CYCLE POCKET TYPE IN CASE W/TEST LEADS, 9 REEDS 380-420 CYCLE 3x6x4; 2LBS. PRICE: USED \$7.95

T-650 AC OUTPUT METER; SCALES 0-1.5/6/15/60/150 SIZE: 3x6x3; WT: 3 LBS. USED AS-1 \$2.

URC-4 TEST SET TS-684/URM-30 ANALYZER FOR URC-4 RADIO SET, ALIGNMENT AND TESTING CONTAINS 0-1 MA METER, METERING SWITCH, CRYSTAL OSCILLATOR, ANTENNA CABLES ETC. IN METAL CARRYING CASE. SIZE: 6x6x4; WT: 4 LBS. NEW \$8.95

BC-221 FREQ. METER



HIS IS A SIMPLE ACCURATE AND RELIABLE CRYSTAL CALIBRATED FREQUENCY INDICATING INSTRUMENT FOR USE IN THE 125 TO 20,000 KC. RANGE, WITH A NORMAL OPERATING ACCURACY OF LESS THAN .02%. CAN ALSO BE USED AS A SIGNAL GENERATOR OR VARIABLE FREQ. OSCILLATOR.

OPERATING VOLTAGE REQUIRED FOR DRY CELL OPERATION 6 VDC .9 AMP. @ 135 VDC 20 MA. SIZE: 10x13 1/2 x 10; WT: 25 LBS. UNITS MAY BE IN WOOD OR METAL CASES VARIOUS LETTERS, COMPLETE WITH TUBES, CRYSTAL, ORIGINAL CALIBRATION BOOK. USED SERVICEABLE \$65.00 PRICE: USED CHECKED FOR OPERATION \$79.50

BC-221 FREQUENCY METER LESS CALIBRATION BOOK NOT CHECKED FOR OPERATION, OTHERWISE COMPLETE PRICE: \$45.00

TS-175 FREQUENCY METER 85 TO 1000 MC, SAME TYPE AS BC-221, LESS CALIBRATION BOOK AND NOT OPERATING, OTHERWISE COMPLETE W/MODULATION PRICE: \$50.00

TS-170/ARN-5 TEST OSCILLATOR USED FOR PRE-FLIGHT CHECKING OF GLIDE PATH RECEIVERS SENSITIVITY AND AUDIC CHANNELS. CRYSTAL CONTROLLED ON THREE PRESELECTED FREQ. 332.6, 333.8 335 MC. MODULATION FREQ. 90 & 150 CYC. METER IS 2" 0-1 DC MILLIAMETER. BATTERIES REQUIRED 2/1.5 VDC AND 2/45 VDC. WT: 29 LBS. SIZE: 12x16x12; Used \$12.95



RECEIVER



BC-229 RECEIVER A.M. T.R.F. 201 TO 398 KC AND 2500 TO 7700 KC BY USE OF PLUG IN COILS SUPPLIED WITH THE REC WITH SIX TUBES 1/37, 1/38 & 4/39. POWER REQUIRED FOR FILAMENTS 12 VOLTS, HIGH VOLTAGE APPROX 200 TO 250 VOLTS O.C @ 80 MA. SIZE: 16x8x7; WT: 15 LBS. PRICE: UNUSED WITH TUBES AND COILS \$9.95 CONNECTOR PLUG (1) REQ. \$1.50 TUNING KNOB \$1 A.C. POWER SUPPLY 115 VOLT 60 CYCLE WITH SPEAKER CONNECTING CABLE & PLUG IN METAL CABINET, SWITCH & PILOT LIGHT. NEW \$19.95

I-83 DYNAMOTOR TEST SET USED FOR CHECKING 14 VOLT OR 28 VOLT DYNAMOTORS. VARIABLE INPUT & OUTPUT CONTROLS ENABLE SIMULATION OF LOAD CONDITIONS. 3" METERS FOR MEASURING INPUT & OUTPUT VOLTS 0-35 VDC & 500 VDC RESPECTIVELY. INPUT CURRENT 0-10 AMPS, OUTPUT 0-250 MA. ALSO METER FOR MEASURING PERCENTAGE OF RIPPLE IN THE INPUT & OUTPUT. (THIS IS NOT A DC POWER SUPPLY ONLY A TEST UNIT) SIZE: 12 1/2 x 12 1/2 x 10 1/2. WT 23 PRICE: USED \$18.95 CONNECTOR CABLE & TERMINAL STRIP... \$2.75



30 MC TRF RECEIVER



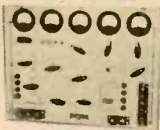
R-38C/MPN- RECEIVER 30 MC T.R.F. PULSE RECEPTION RADAR "S-X" WITH AFC AND GAIN CONTROLS ALSO TEST JACKS. 117 V 60 CYCLE VOLTAGE REGULATED POWER SUPPLY. WITH TUBES 2/6SN7, 2/6V6, 1/8B4, 1/V11, 7/6AC7, 1/6H6, 2/5R4GY, 3/6B4G, 2/6S7J, 2/VR-105, 1/VR-150. RACK MGT. 19"x8"x20"; WT: 100 LBS. PRICE: WITH TUBES \$35.00

FREQUENCY POWER METER



FREQUENCY POWER METER ME-51/UP FREQUENCY COUNTER 1100-3999 CALIBRATED TO FREQUENCY 3100MC TO 3500 MC. HAS 0-1.5 MA; 0-25 MW METER. WITH CABLES. IN METAL CARRYING CASE; 18 LBS. 8 1/2 x 9 1/2 x 9 1/2 USED \$19.95

DYNAMOTOR TESTER



TS-414 DYNAMOTOR TESTER
THIS EQUIPMENT PROVIDES A MEANS OF TESTING DYNAMOTORS OF SEVERAL TYPES UNDER LOAD CONDITIONS. PROVISION IS MADE FOR THE MEASUREMENT OF INPUT VOLTAGE, INPUT CURRENT, OUTPUT VOLTAGE, OUTPUT CURRENT AND OUTPUT RIPPLE VOLTAGE OF BOTH SINGLE AND MULTIPLE OUTPUT DYNAMOTORS. METERS; INPUT D.C.V.; INPUT A.C. VOLTS RMS; DC OUTPUT CURRENT; DC OUTPUT VOLTS
POWER REQUIRED: 14/28 VDC, 50 AMPS.
SIZE: 27x21x17; WT. 100 LBS. \$49.50



1-208 SIGNAL GENERATOR
USED AS A STANDARD OF VOLTAGE, FREQUENCY, AND FREQ. DEVIATION, FOR THE TEST, ALIGNMENT, CALIBRATION AND SENSITIVITY MEASUREMENT OF FREQ. MODULATED RECEIVERS. THE FREQ. RANGE IS 1.9 TO 4.5 MC. & 19 TO 45 MC. THE FREQ. DEVIATION CAN BE ADJUSTED FROM 0-5 KC EACH SIDE OF CENTER FOR THE LOW BAND AND 0-50 KC FOR THE HIGH BAND. THE FREQ. IS CONTROLLED BY A CRYSTAL CALIBRATOR WITH ACCURACY OF .03 PERCENT. FIVE MODULATION FREQ. ARE AVAILABLE 150/400/1000/2500/5000 CYCLES ALSO EXTERNAL MOD. CAN BE USED. OUTPUT VOLTAGE UP TO 100,000 MICROVOLTS IS DEVELOPED AT THE TERMINATION OF 30 OHM LINE AND IS CONTROLLED & MEASURED BY A CALIBRATED ATTENUATOR, MULTIPLIER AND RF VACUUM-TUBE VOLTMETER. SPEAKER & HEADPHONE JACKS ARE AVAILABLE FOR MONITORING. TUBES USED 1/5U4G, 1/6AG7, 1/955, 1/6SQ7, 3/12SA7, 5/12SH7, 2/12A6, 1/DC-23 500 KC CRYSTAL. OPERATES FROM 115V 60 CYCLE OR BY USE OF A DM-64 DYNAMOTOR FROM 12 VDC. THE CALIBRATOR AND AUDIO OSCILLATOR UNITS ARE PLUG-IN. THE POWER SUPPLY IS VOLTAGE REGULATED WITH OUTPUT OF 275 VDC @ 150 MA & 12V. IT CAN BE USED TO OPERATE BC-923 REC.
SIZE: 18x11x10; WT: 125 LBS.
PRICES: WITH TUBES AND CRYSTAL

1-208	LESS	"	"	"	USED	\$29.75
MANUAL	"	"	"	"	"	\$19.50
\$5.00	SPEAKER, GOOD POWER SUPPLY	"	"	"	"	\$16.00

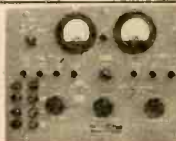
WIRE RECORDER



1C/VRW-7 SOUND RECORDER
WIRE TYPE, ONE INPUT CHANNEL 600 OHM IMPEDANCE, 290 R.P.M. RECORDING SPEED. FREQ. RESP. ONCE 300 - 3500 CPS. CONTROL IN FRONT FOR MICROPHONE & SIDETONE. WITH 2/2807 TUBES & MX-303A/ANQ-1 RECORDING WIRE FOR 60 MINUTES. VOLTAGE REQUIRED 24-28 VDC. THIS IS RECORDER ONLY NO PLAY BACK.
SIZE: 12x7x6; WT: 18 LBS. PRICE: USED \$9.95



DACO FLOORTEST
USED TO TEST 4 OR 6 WATT FLUORESCENT LAMPS 60, 120, 200 AND 400 CYC. TESTS POWER SUPPLY, FIXTURES LAMPS, STARTERS, REACTOR
CONTAINS 2 1/2" MILLIAMPER METER AND SET OF CORDS. OPERATES FROM 110 VOLTS 60 CYC. WT. 15 LBS
SIZE: 7x13x15 \$5.95



1-199 TEST SET
DYNAMOTOR & HAND GENERATOR TESTER USED TO CHECK EQUIPMENT UNDER LOAD CONDITIONS. INPUT VOLTAGE READINGS 0-60 VOLTS DC & 60 AMPS. D.C. OUTPUT VOLTAGES 0-1200 VOLTS D.C. PERCENTAGE OF RIPPLE IN THE INPUT & OUTPUT, ALL SHOWN ON 3" RD. METERS ALSO CONTROLS FOR VARIING VOLTAGE & CURRENT UNDER LOAD. SIZE: 18x12x11, WT: 40 LBS.
PRICE: USED \$29.50 NEW \$39.50

DATA MAPPING



RADAR CONSOLE DATA MAPPING UNIT A-1007/FSQ; 15" CATHODE RAY TUBE DISPLAY WITH 8032 IMAGE CONVERTER TUBE MOUNTED IN THE GOOSE-NECK ASSY. OVERLOOKING THE CR TUBE, ELECTRIC SCANNING AND AMPLIFIER CIRCUITS WITH 12 KVDC AND 1.5 KVDC POWER SUPPLIES. MFG BY IBM FOR BENDIX. SIZE 33x35x60; WT: 150, USED \$75



**STARK TUBE CHECKER 9-66 OR DYNAMIC MUTUAL CONDUCTANCE TYPE DESIGNED TO PROVIDE EITHER REPLACE-GOOD READING OR MUTUAL CONDUCTANCE VALUE IN MICROHMS OF VACUUM TUBE USED IN RECEIVERS & TRANSMITTERS. WITH PROVISIONS FOR LOCATING SHORTS & LEAKAGE BETWEEN ELEMENTS ALSO NOISE TEST. ROLLER TYPE CHART FOR TUBE SETTINGS. NEW CHARTS CAN BE OBTAINED FROM MFG. WHEN NECESSARY.
SIZE: 18x17x8; WT: 45 LBS. USED \$65 CHKD \$75**

TS-14 SIGNAL GENERATOR
3200 TO 3700 MC. OUTPUT CW OR PULSED CARRIER, RF POWER OUT. -20 TO -100 DBM PEAK, RF INPUT 20-200 MW. PULSE WIDTH 1 TO 2.8 MIC. SEC. USED TO CHECK TRANS. OUTPUT, RECEIVER SENSITIVITY AND ALIGN BOTH TO A COMMON FREQUENCY. DIRECT READING DIALS AND METER. WITH TUBES 4/6SN7, 1/6AC7, 1/446B, 1/OC3/VR-105 & 1/5Y3GT. POWER REQ. 115V 50/60 CYC. (MORE INFO AVAIL.)
SIZE: 11x11x9; WT: 45 LBS. USED \$25.00



DESICCATOR PUMP TEST FIXTURE:
CONSISTS OF AIR FLO-SCOPE INDICATOR WITH 4" MAGNETIC METER 0-8 INCHES OF WATER AND PRESSURE CONTROL VALVE ALSO TWO 3" SQUARE METERS 0-5C VDC 500 OHMS PER VOLT AND 0-5 AMP METER, RHEOSTAT, SW, PILOT LIGHT ETC. UNIT IS HOUSED IN METAL CARRYING CASE 21x13x6; WT: 25 LBS.
PRICE: USED \$14.95

CW-60-ABM WAVEMETER; DESIGNED TO MEASURE FREQUENCY OF PULSED OR CONTINUOUS RF VOLTAGES IN THE "S" BAND 2400-2700 MC. UNIT IS A THERMISTOR TYPE AND IS NOT SUBJECT TO DAMAGE BY HIGH PEAKED RF. CAN BE USED TO CHECK STANDING WAVES AND FREQ. OF MAGNETRONS AND BEATING OSCILLATORS. WITH 3" 0-25 DC MILLIAMETER COAXIAL LINE TUNING AND CABLES.
SIZE: 12x11x5; WT: 15 LBS. PRICE: USED \$10.00



ALTIMETER TEST SET



TS-10B APN
USED FOR CHECKING SENSITIVITY, TUNING, ANTENNA SYSTEMS, CALIBRATION AND LIMIT CALIBRATIONS OF ALTIMETERS. CONTAINS 370 FT & 70 FT 58 OHM RG-54A/U COAXIAL CABLE DELAY LINES, L-101 COAXIAL ATTENUATOR, ID-98 INDICATOR, 2/8 FT 1/20", 1/12" OF RG-8 52 OHM COAXIAL CABLE WITH PL-259 CONNECTOR EA. END AND 4/SO-239 CONNECTORS. COMPLETE IN CARRYING CASE 19x15x7 WT 36 (SEE PAGE 5 FOR COAXIAL CABLE & CONN. ONLY)
PRICE: USED \$15.00 UNUSED \$18.00

1-61 TEST SET FOR TRANSMISSION MEASURING

PORTABLE BATTERY OPERATED UNIT USED TO MEASURE LOSSES OR GAINS IN CIRCUITS OR APPARATUS. AUDIO OSCILLATOR FREQUENCIES OF 500, 1000 AND 2500 CYCLES WITH LEVELS OF -40DBM, -20 DBM OR 0 DBM INTO A 600 OHM LOAD, THE RECEIVING AMPLIFIER IS CALIBRATED TO MEASURE LEVELS FROM A 600 OHM SOURCE BETWEEN -50 DBM & 15 DBM IN STEPS OF 0.5 DBM OVER THE FREQUENCY RANGE OF 100 TO 10,000 CYCLES THE 0 DBM IS ONE MILLIWATT IN 600 OHMS. UNIT ALSO CONTAINS A EE-88 FIELD TELEPHONE, BATTERY OPERATED ASSY. WITH A TS-9 HANDSET. AND BE PURCHASED WITHOUT THIS ASSEMBLY. COMES IN WOOD CARRYING CASE 18x10x11, WT: 47 LB
PRICE, COMPLETE WITH TELEPHONE ASSY & TS-9 USED \$29.95 RE-NEW \$39.50
LESS TEL. ASSY " 19.95 " " 29.50



MD-34/ARA-8 MODULATOR KEYING UNIT
AUTOMATIC HOMING KEYING ASSY. THAT OPERATES FROM 24 VDC MOTOR THAT IS CONNECTED TO A WORM GEAR WHICH ACTUATES THE CODED WHEEL THAT INTERRUPTS THE SIGNAL AND TRANSFERS FROM ONE ANTENNA TO ANOTHER. ALSO HAS RELAY AND THREE SO-239 TYPE COAX. CONN. CAN BE USED AS A REMOTE ANTENNA CHANGE-OVER. SIZE: 3x10x4; WT: 5 LBS.
PRICE: USED..... \$1.95



TS-147B/UP MICROWAVE SIGNAL GENERATOR
PORTABLE UNIT DESIGNED TO TEST AND ADJUST RADAR, RECON AND MICROWAVE COMMUNICATION SYSTEMS OPERATING IN THE FREQUENCY RANGE OF 8500 TO 9600 MC. PROVIDES EITHER FM OR CW TEST SIGNALS OF KNOWN POWER LEVEL & FREQUENCY. THIS UNIT CONTAINS A DIRECT READING FREQ. METER AND POWER LEVEL METER WHICH POWER REFERENCED TO ONE MILLIWATT (DBM). USED TO MEASURE THE FREQ. AND POWER LEVEL OF THE INPUT AND OUTPUT SIGNALS. SPECTRUM WIDTH, FREQ. CHANGE RECOVERY TIME AND STANDING WAVE RATIO. CAN ALSO BE MODULATED EXTERNALLY. OPERATES FROM 115 VOLT 50-1600 CYCLES. LESS CABLES, PLUGS, ADAPTER, PICK UP HORN. SIZE: 11x11x12; WT: 35 LBS. USED
TS-147A/UP SIGNAL GENERATOR \$49.50
TS-147D/UP " " \$75.00

M4A1 PERISCOPE WITH TELESCOPE
TWO MIRROR TYPE PRISMS IN METAL BODY WITH M77C TELESCOPE 1.5 POWER W/COATED OPTIC, ERECT IMAGE AND ILLUMINATED. ADJUSTMENT FOR ELEVATION AND DEPTH. OVERALL SIZE 11x6x1; PERISCOPE SIZE 5x1; WT: 9 LBS.
PRICE: COMPLETE UNIT \$7.95
LESS TELESCOPE 4.95
TELESCOPE ONLY 4.95



MIRROR TYPE PRISM (NOT SOLID GLASS)
(MAKE YOUR OWN PERISCOPE AS LONG AS YOU WANT)
SIZE: 6x1x2; 2LB. \$1.00



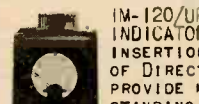
TS-13 SIGNAL GENERATOR
9305 TO 9445 MC. PER SEC. WITH CALIBRATED ATTENUATOR, WAVEMETER AND A THERMISTOR MEASURING POWER CIRCUIT. SIG. OUTPUT CW, FM, PULSED CARRIER. RECEPTION CW & PULSED CARRIER. PO 50 MICRO WATTS. OUT. IMP. 50 OHMS WITH TUBES 3/6SN7, 2/6AC7, 1/6Y6, 1/723AB (2K25) 1/5U4G, 3/OC3/VR-105. POWER REQUIRED 115V 60 CYCLE. (WRITE FOR MORE INFO.)
SIZE: 11x2x10; WT: 75 LBS. PRICE: USED \$35

1-242 RADAR TEST SET DESIGNED TO FURNISH A COMPARATIVE INDICATION OF TRANSMITTER OUTPUT AND MEASURE PULSE RECURRENCE RATE. CONSISTS OF DUMMY LOAD WITH 3" METER 0-50 MA WITH 0-100 SCALE. USED
SIZE 8x10x11; 14 LBS \$6.95



BALLATINE

BALLATINE ELECTRONIC VOLTMETER #300
FREQ. RANGE 10 TO 150,000 CYCLES VOLTAGE RANGE ONE MILLIVOLT TO 100 VOLT A.C. INPUT IMPEDANCE 1 MEG. ACCURACY 2% TO 100 KC. 3% ABOVE. 4 1/2" METER, FIVE VOLTAGE RANGES.
SIZE: 11x6x4; WT: 14 LB \$45.00



IM-120/UPM STANDING WAVE RATIO INDICATOR IS DESIGNED FOR TEMPORARY INSERTION INTO THE SLOTTED SECTION OF DIRECTIONAL COUPLER CU-245/U TO PROVIDE MEASUREMENT OF THE OVERALL STANDING WAVE RATIO OF THE WAVEGUIDE AND THE ANTENNA SYSTEM. CHANNEL WIDTH 1 1/2 INCH. THIS INSTRUMENT IS CONTAINED IN A SEALED WATERPROOF METAL CARRYING CASE 9x7x5 1/2. WT. 10 LBS. 6/IN25 CRYSTALS INCLUDED INSTRUCTION MANUAL INCLUDED. NEW



COMPUTER AMPLIFIER SYSTEM CONTAINS FIVE SPERRY SYNCHRO TRANS. PT#662426-3 CONNECTED BY GEARS TO DIALS, FOUR AMPLIFIER CHASSIS WITH 2/6J6 TUBES EACH, 3" NULL METER 10x10, CABLE AND ADAPTER IN ALUM. CARRYING CASE SIZE 17x10x10; WT: 35 LBS. STK#T-101023
PRICE: \$18.95



TS-32/TRC-1 TEST OSCILLATOR USED FOR ALIGNMENT OF R-19 FM RECEIVER THAT OPERATES IN THE 70-100 MC RANGE. WITH TUBES 6SN7, 6SL7 & 6SH7 SWITCH FOR MODULATION, CARRIER, SO-239 COAX. CONNECTOR CRYSTAL HOLDER 1/2" SPACING AND VARIABLE CONTROL FOR ADJ. FREQ. REQUIRES FIL. & HIGH VOLT. SIZE: 6x5x3; 5 LBS. USED \$6.95

RADAR SET



RT-39/APG-5 RECEIVER-TRANSMITTER P/O APG-5 RADAR SET. FREQ. RANGE 2500 TO 2600 MC. POWER OUTPUT 0.5 KW, OPER. RANGE 200 TO 1800 YDS AGAINST AIRCRAFT 5000 YDS AGAINST SHIPS, REMOTE CONTROL, THIS UNIT SUPPLIES RF PULSES TO ANT. AND FEEDS REC. ECHO TO RANGE UNIT. PULSE MODULATED CRYSTAL MIXER. POWER REQ. 115V400 CYC AND 24 VDC. TUBES REQUIRED 1/2C43, 1/2C40, 1/3E29, 9/6AK5, 1/2X2, 1/5Y3, 1/VR-105, 1/1B27 AND 1/1N21.
CONNECTOR PLUG \$2.00
SIZE: CAN 16x10; WT: 25 LBS.
PRICE: LESS TUBES \$20

CP-8/APG-5 RANGE COMPUTER; USED W/ RT-39/APG-5 R/T LISTED ABOVE, RECEIVES VIDEO FROM R/T AND FURNISHES V PROPORTIONAL TO RANGE TO SERVO AMPLIFIER. POWER REQ. 115 V. 400 CYCLE AND 24 VDC. WITH TUBES 2/5Y3, 2/6AC7, 2/6SJ7, 3/6SL7, 5/6SN7, 1/6Y6, 1/884, 1/VR-105 & 1/VR-150. ALSO 24 VDC BLOWER.
SIZE: 16x10 CANNISTER COVER INCLUDED. WT: 25 LBS. (DEMILITARIZED BUT NO EFFECTIVE DAMAGE.) \$19.95
PLUG CONNECTORS \$2.00 EA. 2 REQ.



AM-61/APG INDICATOR AMPLIFIER; USED WITH APG-5 AND APG-15 SYSTEM WITH ID-116 INDICATOR. POWER REQ. 115 V. 400 CYC. & 24 VDC. WITH TUBES 7/6SN7, 1/5Y3, 3/6SL7, 1/8016, 3/VR-105, ALSO 24 VDC BLOWER.
SIZE: 16x10 CANNISTER COVER INCL. WT: 25 LBS. \$19.95
PLUGS \$2.00 EA. 2 REQ.



ID-93/APG-13 RADAR INDICATOR; GIVES TYPE M INDICATION, TYPE INDICATION WITH A STEP ADDED OF OUTPUT OF RT-39/APG-5 REC. TRANS. (DESCRIBED ABOVE). POWER REQ. 115V400 CYC AND 24 VDC. WITH TUBES 1/38P1, 2/6H6, 6/6SN7, 1/5Y3 & 1/2X2. ALL CONTROLS ON FRONT PANEL, VERTICAL HORIZ., INTENSITY, ZERO SLOPE, MARKER AMPLIFIER REC. GAIN, YARDS RANGE, FOCUS ETC.
SIZE: 8x10x16; WT: 25 LBS. NEW \$19.95
CONNECTOR PLUGS, 1 TO RT-39, 1 TO C-1 SIGHT AND 1 FOR INPUT POWER, EACH PLUG \$2.00.

RADAR JAMMER



T-26/APT-2 RADAR TRANSMITTER; 500 TO 700 MC, RADIATES 5 WATT OF R.F. ENERGY WHICH IS MODULATED BY A 931 MULTIPLIER (PHOTO) FOR NOISE GENERATOR, 3 MC CARRIER BAND WIDTH. POWER REQ. 115 V. 400 TO 2600 CYC. AND 24 VDC WITH TUBES 1/2X2, 2/5R4, 2/6AC7 1/6AG7, 2/368, 1/807, 1/931.
SIZE: 10x8x20; WT: 50 LBS. UNUSED \$19.95
CONNECTOR PLUG \$2.00 ANTENNA PLUG \$5.99

JAMMER



RT-45/AHQ-1 RECEIVER AND TRANSMITTER 14 TO 50 MC. TRANS. USED FOR JAMMING EMPLOYS DIRECT AMPLIFICATION FROM 931A PHOTO-MULTIPLIER TUBE NOISE GENERATOR. R.F. AMPL. HAS A BAND WIDTH OF 200 KC. SINGLE TUNING CONTROL SETS REC-TRANS. ON THE FREQ. ALL REC. RF AND IF CIRCUITS ARE TUNED AT ONE TIME. TRANS. POWER OUTPUT 25 WATT. WITH TUBES 1/6SJ7, 3/6SG7, 1/6J5, 1/6AG5, 1/5Y3GT, 1/5R4GY, 1/2X2 AND 1/931 (OPTIONAL). POWER REQUIRED 115 V. 400-2600 CYCLE AND 24 V. METER 2 3/4" 0-200-DCMA.
CONDITION UNUSED BUT HAVE BEEN DEMILITARIZED BY CUTTING FRAME WITHOUT DAMAGE TO PARTS.
SIZE: 10x8x21; WT: 35 LBS. UNUSED \$19.95



COLLINS 1568-4 ANTENNA COUPLER 225-400 MC, FOUR TUNEABLE CAVITIES FOR SETTING UP TRANSMITTER ON DIFFERENT FREQ. FOUR JONES MICRO-MATCH COAX. ADAPTERS. METER 2 3/4" 0-200 MICROAMP. WITH SELECTOR SWITCH FOR MEASURING THE OUTPUT OF EACH CHANNEL SELECTED, METER SCALE 0-200 WATTS. POWER OUTPUT. SIZE: 25x17x22; 50 LBS. USED \$50.00

BD-62 SWITCHBOARD; HAS PROVISIONS FOR 1 TELEPHONE, 2 OUTPUT AND 8 MICROPHONE CIRCUITS WITH LEVER TYPE KEYS & DROPS AND PATCHING FACILITIES FOR ALL CIR. SIZE: 32 1/2 x 8 1/2 x 8 1/2; WT: 30 LBS. USED \$14.95



EE-101 TELEPHONE RINGING EQUIPMENT USED FOR CONVERTING 20 CYCLE RINGING TO 1000/20 CYCLE ALSO 1000 CYCLE TO 20 CYCLE FOR OPERATING TEL. DROPS ON 2 CHANNELS. OPERATES FROM 115/230 V. 60/60 CYCLE OR 12 VDC. WITH TUBES 6/6SJ7, 1/6V6GT. 19x9 RACK MTG. SHIPPED IN WOOD CHEST 100 LBS. PRICE USED \$9.95



TG-30 REPEATER, TELEGRAPH TERMINAL FOR TRANSMITTING OR RECEIVING ON A HALF DUPLEX ONE CHANNEL OPERATION. CAN BE USED TO INTERCONNECT NEUTRAL AND POLAR ENTIAL OR TWO PATH POLAR TELEGRAPH OR TELETYPEWRITER SYSTEMS ON SIMPLIFIED OR COMPOSITED RETURN CIRCUITS. SPEED 60/66. OPERATES FROM 115/230 V. 50/60 CYC & 115 VDC SHIPPED IN WOOD CHEST 25x16x14; 175 LBS PRICE: USED \$9.95 RE-NEW \$16.95



BD-57 SWITCHBOARD; 20 CORDS AND PLUGS WITH 60 JACKS, USED FOR SUPERVISORY SWITCHING TO STUDENTS IN CODE PRACTICE SCHOOL. (V0-3 OSCILLATOR ON PAGE 7 CAN BE USED WITH THIS EQUIPMENT. SIZE: 24x10x8; WT: 35 LBS. PRICE: USED \$12.95

ADW-BM TELEPHONE OBSERVING 5 LINE SINGLE POSITION, USED FOR MONITORING IN-OR-OUT CALLS WITH HOLD POSITIONS AND CONFERENCE CALLS FOR ANY GROUPING. OUTPUT JACK FOR AUDIO. INDICATOR LIGHTS FOR ESTABLISHED CALL. VOLTAGE REQUIRED 20-26 VDC. WOOD CABINET 15x17x15; 50 LBS USED \$14.95 NEW \$19.95 PHONE PLUG \$1.50 2CONT.



RECORDER-VISUAL



BC-1323A RECORDER-REPRODUCER AUDIO-VISUAL, USED TO RECORD ON STEEL TAPE 48" LONG 3 CHANNELS AUDIO FROM MICROPHONES. 64 OHM RECODING HEAD, TAPE SIZE .050 W.X.002 TH. 6" PER. SEC. RECORDING SPEED. DISPLAY ON 2" 913 CR TUBE VIEWED THRU RUBBER EYE PIECE. OPERATES FROM 6 VDC 5.5 AMP. WITH 10/9001, 1/6AK6 & 1/913 CR TUBES. SIZE: 8x28x6; WT: 40 LBS. USED \$9.95

PORTABLE REPEATER

EE-89 TELEPHONE REPEATER; PORTABLE BATTERY OPERATED, 2 WAY LINE UNIT, CAN BE USED AS TERM. OR INTERMEDIATE AMPLIFIER, USES ONE 3Q5GT TUBE, INCLUDES HEADSET ELEMENT FOR MONITORING AND GAIN CONTROL, BATTERY VOLTAGE REQUIRED 1.5 & 90 VDC. IN WOOD CASE W/CARRYING STRAP. SIZE: 6x9x8; WT: 12 LBS.

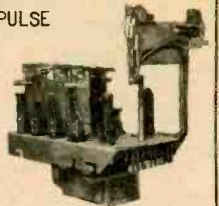


AMMUNITION FIRE CONTROL POWER DISTRIBUTION PANEL 171E608G1 & 519E147G1; TWO DIALS THREE GEAR CONTROL, 2 THREE DIGIT COUNTERS WITH MANUAL RESET AND HOLD 24 V OPERATION, 7 SWITCHES, TERMINAL STRIPS ETC. SIZE: 11x11x5; WT: 15 LBS. PRICE: USED \$4.95



NAVY INTERPHONE AMPLIFIER USED WITH TCS EQUIPMENT. PUSH-PULL 2/12A6 TUBES, CARBON MIC. INPUT 75-200 OHM ALSO 600 OHM. OUTPUT 125 OHM. VOLTAGE REQUIRED 12 VDC & 250 VDC 60 MA. HAS MOUNTING FOR DYNAMOTOR 35x032, 12 VOLT. (SEE CONVERSION INFORMATION LISTED BELOW.) SIZE: 7x10x7; WT: 15 LBS. PRICE: AMPLIFIER WITH TUBES \$2.95 " " " & DYN. 6.95 KIT FOR CONVERSION TO SPEAKER OUTPUT, APPROX 5 WATTS, INCLUDES OUTPUT TRANSFORMER, MIC & PHONE JACKS, SWITCH, CABLE AND PLUG FOR PLUGGING INTO LIGHTER AND INSTRUCTIONS. \$2.00

TELEPHONE REPEATER, DIAL PULSE 2 WAY OPERATION; 45 TO 54 VDC RANGE, 1000 OHMS MAX. LOOP RESISTANCE, 8 TO 12 PULSES PER. SEC. SIZE: 8x4x6 1/2; WT: 10 LBS. AUTO ELECTRIC \$857899A STK#5805-246-6032 PRICE: RE-NEW \$6.95



READING PACER-TIMER

READING PACER AND READING TIMER THE READING PACER WILL TEST YOUR READING SPEED AND WILL HELP YOU INCREASE THIS SPEED WITH ITS USE. CONSISTS OF A BATTERY OPERATED INSTRUMENT WITH A VARIABLE SPEED WHICH CAN BE SET FOR 250 TO 650 WORDS PER MINUTE, WHEN THE PACER BAR IS PLACED IN POSITION IT WILL MOVE IN ACCORDANCE WITH THE SPEED SETTING. THE READING TIMER IS A SPRING WOUND MECHANICAL TYPE WITH STOP & GO CONTROL AND CAN BE SET FOR A GIVEN TIME UP TO 5 SECONDS OR CAN BE USED FOR ELAPSED TIME. SIZE: 10 1/2 x 1 1/2 x 1 1/2; T-2 3/4 DIA. WT: 2 LB. \$4.95



URC-4 RESCUE SET

RT-159/URC-4 RADIO RECEIVER-TRANSMITTER USED FOR GROUND TO AIRCRAFT RESCUE WORK. VHF FREQ. 120-130 MC. UHF FREQ. 240-260 MC. CRYSTAL CONTROL TRANSMITTER, SUPER-REGENERATIVE RECEIVER, DIPLOLE COLLAPSIBLE ANTENNA AND COMB. MIC & EARPHONE ARE PART OF THE SET. WITH 8 TUBES 4/6050, 2/6147, 1/2E32 & 1/3C4. BATTERY VOLTAGES REQUIRED 1.4 & 90 VDC. (SUGGEST THE RCA PACK VS-064 IS NOT THE ORIGINAL BUT WILL DO THE JOB) (2 METER CONVERSION CAN BE FOUND IN S.R.C. MANUAL VOL 111 \$3.50) (TS-684 ANALYZER SHOWN ON PAGE 16 IS USED FOR THIS SET AND HAS THE BATTERY CABLE.) UNITS USED SERVICEABLE SIZE: 3 1/2 x 7 1/2; WT: 3 LBS. LESS CRYSTALS \$10.00



TELEMETER PROGRAM SELECTOR FOR PAY TELEVISION CHOICE OF THREE PROGRAMS WITH PROVISIONS FOR DEPOSITING THE AMOUNT OF MONEY REQ. FOR EACH PROGRAM AS INDICATED ON THE COIN REGISTER WHICH ALSO SHOWS THE CREDIT BALANCE. THE PRE-RECORDED TAPE GIVES THE PROGRAM INFORMATION. (THE EXACT FREQ. OF THE SIGNAL CARRYING THE VIDEO AND SOUND IS NOT KNOWN BUT IS THOUGHT TO BE ABOUT 35 MC. WITH A 8 MC. SIGNAL FOR TRIGGERING THE CONTROL MECHANISM. SIZE: 15x7x7; WT: 25 LBS. THE ITEMS LISTED BELOW ARE PART OF THIS UNIT AND CAN BE PURCHASED SEPARATELY. COMPLETE UNIT #1001/5 \$9.95

CABINET ONLY; HIGH IMPACT PLASTIC, 3LBS. \$2.25

REGISTER MECHANISM FROM T.V. TELEMETER PROGRAM SELECTOR, SHOWN ON PAGE 24 OF REGULAR CATALOG. CONTAINS 2 ACTUATING PLATE SELENIUMS 300 & 1200 OHM, 1 5 RPM 115 V. 60 CYCLE SYNCHRONOUS MOTOR, 1 115V 60 OPEN FRAME MOTOR GEARED, CONTACTS, GEARS, LIGHTS ETC. #TELE-REG. 1001 SIZE: 7x5x6; WT: 5 LBS. A GOOD BUY FOR \$4.95



TAPE MAGAZINE #1 CONTINUOUS REEL APPROX. 66 FT. WITH RECORDING HEAD TENSION ROLLERS. UNIT WAS USED WITH THE REGISTER MECHANISM WHICH TURNED AT 20 RPM. CAN ALSO BE USED AT OTHER SPEEDS IF PROPERLY COUPLED. PART OF THE COIN COLLECTOR FOR THE TV TELEMETER UNIT. #TAPE MAG. 1001 SIZE: 4x6x3; 2 LBS. PRICE: \$2.95


TELEMETER TV CHASSIS #334 WITH TUBES 1/6BE6, 3/6U8A, 1/12BH7 & 1/6BA8A, 4" SPEAKER, PLATE RELAYS 1 3000 OHM COIL SPOT & SPST NORM. CLOSED, 1 3000 OHM 2PST NORM. OPEN. THE R.F. SECTION IS APPROX. 8 MC. WITH CRYSTAL OF 8135. THE 115 VOLT 60 CYC. POWERSUPPLY IS 150 VDC 100 MA. AND 6.3 3A. CHASSIS SIZE 10 1/2 L. x 6 DEEP x 6 HIGH WITH SPEAKER. WT: 10 LBS. # TELE-CHASS. 1001 \$5.95



Control Boxes Filters Indicators Tuning Units Amplifiers




C-847/U CONTROL BOX FOR AN/VRC-19. CONTROL BOX CONTAINS 2 PILOT LIGHTS, MOMENTARY SPEAKER CONTROL, SQUELCH CONTROL, AND EXPLOSION PROOF SPEAKER. WHOLE UNIT IS WEATHER PROOF. SCHEMATIC INCL. 9x5 1/2 x 3 1/2 WT. 6 LB USED \$8.95 U-77 CONNECTOR PLUG FOR HANDSET. USED \$1.00



CONTROL PANEL CERAMIC ROTARY SWITCHES


LOCAL/REMOTE 3 CIR. 10 POS. CHANNEL. 50 OHM POT DIMMER. SIZE 6 1/2 x 2 1/2 x 1 1/2; WT. \$1.25 RDZ-H-307




TELECORD REMOTE CONTROL 3 NEON IND. 2 SPST PUSH SW W/25' 7 CONO. CORD. 3x2x5 1/2; 5 LB. NEW \$4.95

C-87/ART-13 CONTROL BOX, WITH 11 CHANNEL SWITCH, OFF, VOICE, C.W-MCW, IND. LIGHT, MIC JACK & CODE KEY. \$2.95

C-626/ARC-27 CONTROL BOX. AUTOMATIC CHANNEL SELECTOR PRESET MECH. W/ 24 V. DC MOTOR, RELAYS, GEARS ETC. SIZE 6 1/2 x 6 x 5; WT: 13 LBS. PRICE, USED \$4.95



BC-1303 CONTROL UNIT USED IN IE-36 TEST SET FOR SCR-522. HAS ALL FACILITIES FOR OPERATION, OFF-A-B-C-D CHANNEL SWITCH, MIC, PHONE & ANT. JACKS, TRANS, REC & REMOTE SW. & PL-170 RECEPTACLE. \$3.95



VERNIER DIAL 6" 0-100 SCALE ADJUSTABLE STOPS 5 POS. USED IN TAJ TRANS. 4 LB. \$2.75



C-4/ARN-7 RADIO COMPASS CONTROL BOX USED W/R-5, 5A ARN-7, THREE BANDS 200-1750 2" TUNING METER & GRAIN OF WHEAT LAMPS. TAKES MC-124 CONTROL SHAFT. USED \$3.95 FT-224 MOUNTING FOR C-4 BOX WITH TERMINAL STRIP & PLUG USED \$1.50

BC-1366 CONTROL BOX CONSISTS OF 5 POSITION ROTARY SWITCH, VOLUME CONTROL & MICROPHONE & PHONE JACKS PRICE: \$1.00


BC-606 CONTROL BOX; USED WITH BC-603/604, HAS PHONE & MIC. JACK, SPST SW. VOL. CONTROL, TERM. STRIP ETC. 4x4x2; 1 LB. \$1.00

Beam Filter
NAVY TYPE 16F2150 1020 CYCLE ACCEPT OR REJECT W/PL-55 PLUG ON CORD. PRICE: NEW \$2.25

FL-8 AIRFORCE TYPE SAME AS ABOVE LESS PL-55 \$2.50

TL-150 TUNING WAND
FOR BC-659, BC-620 \$7.75

SIDE BAND Loading Coil
C-114 - \$1.50



PHONE PATCH TRANSFORMER
C-161 - \$1.50

HORN

AIRCRAFT HORN SIGNAL WARNING EMERGENCY. TYPE J-1 PART# 71918 24 VOLT DC. 4"x1 1/2" 1 LB. PRICE: \$1.50

LAMP WITH REFLECTOR, BRACKET & TILT MERCURY SWITCH. WITH 12 VOLT BULB. USED FOR TRUNK LIGHT WHEN LID IS RAISED LIGHT LIGHTS. ALSO MANY OTHER USES. REFLECTOR 1 1/2 x 2 1/2" #6210-702-8113 59¢ 2 FOR \$1

FLASHER POSITION LIGHT, PERIODIC AIRCRAFT TYPE C-2, CONTAINS 2 FLASHER G-107 BALLAST TUBE, 24 VDC RELAY DPDT, COND, RES SIZE: 4x4x4; WT: 2 LBS. USED PRICE: \$1.00 EA. 2/\$1.50

HEATING ELEMENT
115 VOLT 500 WATT SINGLE SECTION STRIP 23 1/2 LG. X 1 1/2" WIDE X 7/16", METAL SHEATH & MTG. HOLES. 2LBS 225015-24 \$1.50 EA.

HEATING CABLE LEAD HEATING CABLE LEAD COVERED 25 OHM 60 FT. #PARANT-48 13 LI 60 FT. LTH. \$2.95

REMOTE CONTROL BOX 3 SPST SWITCHES, 2 EA. MIC & PHONE JACKS ALL WATER-PROOF, 1 DUAL POT. ETC. SIZE: 5 1/2 x 5 1/2 x 3 WT: 3LBS. #CMX23366A NEW 75¢

C-30/ARC-5 BC-451 BC-136/2
C-30/ARC-5 CONTROL BOX WITH 7 push button switches marked A, B, C, D, OPT, 1 & 2. Also tone, CW & voice switch & connectors. Price... \$1.00

BC-451 CONTROL BOX with switches tone-CW-voice, on-off, 1/2/3/4 also code key, mic & phone jacks. Price: \$1.00

BC-136-2 Control unit with mic & phone jacks, volume control & two binding post. \$35 each Four for \$1.00

1-101 CROSS POINT INDICATOR FOR COMBINED USE FROM LOCALIZER REC. & GLIDE PATH REC. PART OF ARN-5 & RC-103. SIZE 3 1/2 x 3 1/2 x 3 WT: 3LBS. USED \$1.95

CAMERA LIGHT FILTER GRAY COLOR 50% TRANS. SCREW IN MOUNTING. 2-23/32 69MM DIA. WRITTEN DENSITY .30 FOR WOLLENSAK TYPE V254 MM F4.5 35 MM P/O PH330G CAMERA 8A1101-50.4. \$1.95

VACUUM CAPACITOR

VACUUM CAPACITOR 3 MMFD 15 KVDC, PLUS OR MINUS 10% W/ CONNECTORS. SIZE 5/8x4; 8oz. JENNINGS TYPE Y-3 \$1.50

WESTERN ELECTRIC No. 8047 50 MMF, 5 KV, 5 AMP. SIZE: 1 1/2 x 1 1/2; 4 oz. u/WBC442 \$2.50

TIMER CLOCK ACCURATE MOVEMENT DRIVEN BY SYNCHRONOUS MOTOR. CONTACTS TO AUTOMATICALLY TURN OFF A UNIT WHICH IS CONNECTED ACROSS T CONTACTS. MAXIMUM TIME ON, IS SIX HOURS. THIS CLOCK HAS MANY USES IN THE HOME AND SHOP. ALL CONTROLS ON FRONT. HAS SWEEP SECOND HAND. FACE, 4 1/2 x 3 1/2; 2 1/2" DEEP. 115v 60CYC. 4 LBS. \$2.95

NICKEL CADMIUM BATTERY 1.2 VOLT RECHARGEABLE APPROX. 4 AMP HOUR SIZE: 1 1/2 x 2 x 6; WT: 6 Oz. BB-403 \$2.50

BB-208/AMT RADIO-SONDE DRY CHARGE BATTERIES, 4 IN A VACUUM PACKED CAN, ONE 6V 2 1/2 HR THRU 30 OHMS, 3 36V EA. 3A HR. THRU 1200 OHM. EA. BATT. SIZE 1-5/16x29/32x4-5/32; WT. EA. BATT. 4 1/2 oz. BATTERY PACK (4) .59

N-T-6 PLASTIC STORAGE BATTERY DRY CHARGE, 6 VOLT 4 AMP. 3 1/2 x 2 1/2 x 2; 1 1/2 LB \$3.95

BB 54 WILLARD PLASTIC STORAGE BATTERY 2 VOLT 28 AMP. HOUR NON-SPILLABLE, BALL INDICATOR DRY CHARGE, ADD ELECTROLYTE SIZE 4x5x3; WT: 4LB. \$2.95

AUTOTUNE HEAD FOR ATC/ART-13 TRANSMITTERS, MULTITURN UNIT WITH DIAL 0-100, KNOB, REVOLUTION COUNTER, LOCKING DEVICE FOR PRESETTING. CONTROL "B". CAL#23518 PRICE: \$1.95

FLEXIBLE COUPLING



CERAMIC INSULATED FLEXIBLE COUPLING FOR 13,500 VOLT FLASHOVER. 2 5/8" x 2 3/8" FOR 1/4" TO 3/8" SHAFTS. COUN001 EA. \$.50

METAL FLEXIBLE COUPLING 2" x 1 1/2" FOR 1/4" TO 3/8" SHAF COUN002 EA. \$.40

INSULATED FLEXIBLE COUPLING 1" x 1 1/2" FOR 1/4" SHAFT. COUN003 \$.25

JOHNSON CERAMIC COUPLING 2x2 F 1/4" SHAFT #COUN006 59¢ 2 FOR \$1

METAL FLEXIBLE COUPLING FIT 1/4" TO 3/8" SHAFTS. 1" DIA. 1 1/2" LONG. COUN005 \$.25

PRESSURE TRANSDUCER TYPE M-1 TOSS BOMB COMPUTER ELECTRIC TYPE DUAL DIAPHR. HIGH LOW CONN. PITOT & STATIC LINES. SIZE 6x3x4; WT: 3 LBS, STK#1280-568-6013 \$3.95

LANDING GEAR SWITCH ASSEMBLY, SINGLE POLE DOUBLE THROW, PLUNGER TYPE, PLUNGER IS DEPRESSED OPENS ONE CONTACT, CLOSES OTHER, SPRING RETURN. SIZE 3x2x1 1/2; PLUNGER 2 1/2. WT: 8 oz. PRICE: \$5.50

DICTOGRAPH SWITCH BOX LEVER SWITCH 3 POSITION OFF-LISTEN-TALK, 2 INDICATOR LIGHTS, 6 POSITION WAFFER SWITCH, 5 FT. 14 COND. CABLE, WOOD CASE WALNUT FINISH. 2x4x3 1/2 LBS. #DICT. 95083 \$3.95

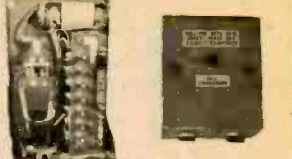
M-33 INSTRUMENT LIGHT W/GRAIN OF WHEAT LAMP, SWITCH & CONTROL RHEOSTAT. USES 2 TYPE "D" FLASHLIGHT DRY CELLS. 1 LB. 75¢

K-14 GUNSIGHT LENSES IN FRAME EACH LENSE 2" DIAMETER, APPROX 3 POWER. WT: 1 LB. \$1.00

RIGHT ANGLE DRIVE WITH SPIN KNOB AND 1 1/2" DIAL INDICATOR. 1 1/2 x 5/16 SPLINE SHAFT. 2 1/2 x 1 1/2 x 1 1/2; #9922 \$1

VERNIER DIAL 2 1/2" 100 TO 0 SCALE. TAKES 1/4" SHAFT. PRICE: \$1.50

ID-14/APN-1 RADIO ALTITUDE METER, 3" SCALE 0-6 MA MOVEMENT. CAN BE USED AS A BASIC METER MOVEMENT AND CHANGE SCALE AS DESIRED. PRICE: USED \$1.50



BC-347 AIRCRAFT INTERPHONE AMPLIFIER

Used in small planes for speaking. Has two ounce transformers Carbon microphone input & standard headset output. Requires 12 Or 24 volt & 250VDC. Uses 6P8G tube. Size: 3x2x5 WT 3lbs. With tube \$1.95 Less tube \$1.25

CONTROL JUNCTION BOX No 3 WITH CHROME PUSHBUTTON & BUZZER THAT WILL OPERATE FROM 6-12 VDC ALSO OTHER PARTS. SIZE: 4 1/2 x 5 x 2 1/2; 2LBS. #PC-75523 79¢ 2 FOR \$1.50

AMPLIFIER USED IN TANK FOR INTERPHONE. W/TWO 6V6 TUBES, LESS DYNAMOT OR. REQUIRES 250 VDC 50 MA. & FILAMENT VOLTAGE. SIZE: 9x9x3; WT: 10 LBS. BC-367 NO CASE F/12V \$1.95 BC-667 W/ " " F/24V 2.95

FREE FIRING BOX CONTAINS 2 RELAY 6 v. 2PST NORM. OPEN, 3 CAPACITORS 2 MFD. 600 VDC, 3MFD. 120 v. 400 cyc, 2x5 400 vdc, w/ SCHEMATIC AND SHOCK MOUNTING. CHASSIS SIZE 8x5x2 1/2 WITH COVER 8x5 x6; WT: 10 LBS. \$1.95

VERNIER DIAL 6" 2 SCALES WITH LOCK. USED ON TAJ TRANSMITTER MO TUNING. 5 LBS. \$3.50

VIBRATORS

VB-16/6, 12 OR 24 VOLT FOR PE-237 \$3.95

TYPES LISTED BELOW \$1.95 EACH

VB-1/6VOLT FOR PE-117 PE-97 & PE-237 SAME AS VB-7

VS-3/6VOLT FOR PE-104 SAME AS MALL-550G

G534/12 VOLT FOR PE-110

VB-8/12 VOLT FOR PE-157

VB-9/6 VOLT FOR PE-157

VB-11/24 VOLT FOR PE-12

VB-12/6 VOLT FOR PE-120

VB-13/12 VOLT FOR PE-120

TS-279 DUMMY ANTENNA LOAD

Three inch pyrex feed thru insulator, 1000 ohm 100 watt resistor with two test lead & clips. Cabinet size 13 x 6 x 4". Can be used for a chassis. Stock # TS-279 Price \$1.95

MINIMUM ORDER \$3.00

POWER SUPPLIES

RECEIVER POWER SUPPLY & SPEAKER FOR THE FOLLOWING SETS
 R-23/ARC-5 BC-453 BC-342
 R-24/ARC-5 BC-454 BC-344
 R-25/ARC-5 BC-455 BC-348
 R-26/ARC-5 BC-946 BC-429
 R-27/ARC-5 RAX

COMPLETE WITH 6" DYNAMIC SPEAKER HOUSED IN A METAL CABINET WITH CONNECTING CABLE, PLUG, PHONE JACK, VOLUME CONTROL, BFO SWITCH ETC. IF REQUIRED. CAN ALSO BE USED FOR OTHER SETS. OUTPUT 200/250 VDC @ 90/60 MA. & 24 VAC @ 2A. INPUT 115 VOLT 60 CYCLE. SPECIFY FOR WHAT SET. SIZE: 10x10x6; WT: 15 LBS. NO. P.S.(SET NUMB.) PRICE; KIT OF PARTS \$17.00 WIRED \$19.95

BC-652 RECEIVER POWER SUPPLY WITH SPEAKER SAME AS ABOVE; KIT \$20.00; WIRED \$23.95

BC-603/BC-683 RECEIVER P.S. DESIGNED TO BE PLUG IN-TO THE SAME PLACE AS THE DYNAMOTOR WITH NO CONVERSION TO THE SET THAT WILL EFFECT THE OPERATION FROM THE DYNAMOTOR. ONLY WORK REQUIRED TO ADD ON/OFF SWITCH IN PLACE OF SPAR FUSE HOLDER. TRANSFORMER TYPE USING 5Y3GT TUBE
 OUTPUT 220 vdc, 80 MA. & 24 VDC 2 A. WT: 5 LBS. NO. P.S.603/683 KIT \$10.00 WIRED \$14.95

BC-923 RECEIVER POWER SUPPLY OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 275 VOLTS DC, 150 MA. & 12.6 VOLTS AC. 4 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5U4G TUBE, CHASSIS, WIRING DIAGRAM, LINE CORD ETC. SIZE: 5x6x9; WT: 15 LBS. PRICE #PS-923 \$22.95

R-77/ARC-3 RECEIVER POWER SUPPLY OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 210 VOLTS DC @ 125 MA. & 24 VOLTS AC @ 2 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5Y3GT TUBE, CHASSIS, LINE CORD ETC. #PS-R77/ARC-3 SIZE: 5x6x9; WT: 14 LBS. (LAYOUT SAME AS 923) PRICE \$22.95

POWER SUPPLY No.7630019. OPERATES FROM 115 VOLT 60 CYCLE DUAL HIGH VOLTAGE OUTPUT 400 DC 200 MA & 400 DC 200 MA. ALSO 6.3 VAC 2.75 A. & 6.3 VAC 5.5 A WITH 2/5R4GY TUBES. SIZE: 10x7x15; WT: PRICE: \$19.95 CABLE WITH 18 CONTACT PLUG TO FIT P.S \$2.00

POWER SUPPLY No.7630020VR VOLTAGE REGULATED, OPERATES FROM 115 VOLT 60 CYCLE. OUTPUT 200-250 DC. @ 150-250 MA. ALSO 6.3 VAC 2.75A & 6.3 VAC 5.5 TUBES 2/6AS7G, 1/VR-105, 1/6AK7 & 1/5R4G. WT: 30 LBS. SIZE: 11x10x6 \$18.95 CABLE WITH 18 CONTACT PLUG TO FIT POWER SUPPLY PLUG, 4 FOOT \$2.00

POWER SUPPLY 763003 (MODIFIED) OUTPUT 375 VDC @ 225 MA & 6.3 VAC @ 2.75 A, 6.3 VAC @ 5.5 A. INPUT 115 VOLT 60 CYCLE. WITH 2/5R4GY TUBES. SIZE: 9 x 13 x 7; WT: 35 LBS. PRICE: \$14.95 CONNECTOR 18 CONTACT \$2.00

PP-662/GPN POWER SUPPLY, VOLTAGE REGULATED, 300 VDC TO 90 MA. PLUS POTENTIAL 210 VDC MINUS. WITH TUBES 4/56Z1, 2/6AH6, 1/12AT7, 2/6AS7, 1/5Y3 & 1/5R4. OUTPUT PIN JACKS WITH ADJUST BEARING SWITCH, FUSED OUTPUT & INDICATOR LIGHTS. SIZE: 10x8x20; WT: 35 LBS. NO. COVER OR PLUG IN RELAY. POWER REQUIRED 115 VOLT 60 CYC PRICE: USED \$14.95

DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE CORD, PILOT LIGHT, LINE FUSE ETC. INDICATED RATINGS ARE FOR LOAD CONDITIONS.

DUAL OUTPUT 12/14 OR 24/28 VDC @ 6 AMPS. SIZE 7x6x13; WT: 17 STK#PS-12/24VDC6A KIT OF PARTS...\$20.00 WIRED COMPLETE... 24.95

OUTPUT 12/14 VOLTS DC @ 6 AMPS. SIZE: 5x9x5; WT: 20 LBS. STK#PS-12VDC6A KIT OF PARTS...\$14.00 WIRED COMPLETE... 18.95

OUTPUT 24/28 VOLTS DC @ 4 AMPS SIZE: 5x9x5; WT: 12 LBS. STK#PS-24VDC4A COMPLETE WIRED...\$17.95 KIT OF PARTS... 13.00

OUTPUT 12/14 VOLTS DC @ 4 AMPS. SIZE: 5x9x5; WT: STK#PS-12VDC4A COMPLETE WIRED...\$14.95 KIT OF PARTS... 10.00

OUTPUT 24/28 VOLTS DC @ 1 1/2 A. SIZE: 7x6x5; WT: 6 LBS. #PS-24VDC1.5A WIRED...\$10.95 KIT OF PARTS \$8.00

OUTPUT 12/14 VOLTS DC @ 2 AMP SIZE: 7x6x5 WT: 7 LBS. #PS-12VDC2A WIRED...\$9.95 KIT OF PARTS... 7.00

MOBILE SUPPLY
 AVA-126 VIBRATOR POWER SUPPLY; OUTPUT 300 VDC 100 MA. OPERATES FROM 6, 12 OR 24 VOLTS D.C WHEN THE PROPER VIBRATOR IS USED, OCTAL BASE. SUPPLIED WITH 6 VOLT VIBRATOR (USED WITH AVT-112 AIRCRAFT TRANS) ILLUSTR. COVER REMOVED. UNUSED SIZE: 7x7x7; WT: 12 LBS. \$4.95

RA-42 POWER SUPPLY RACK MOUNTING 19", 115/230 V 60 CYC OPERATION, OUTPUT 200-250 VDC 100 MA HOUSED IN CABINET 7x8x8 WT. 30 LBS. RA-42 B RENEW \$11.95

VOLTAGE REGULATED POWER SUPPLY AS USED TS-67 TEST SET, OPERATES FROM 115 V. 60 CYCLE, OUTPUT 150 VDC & 20 MA & -30 VDC @ 40 MA. AND 6.3 VAC @ 5 AMP. (TRANSFORMER RATING IS 700 VOLT C.T @ 100 MA. P.S. CAN BE RE-WIRED FOR HIGHER OUTPUT) WITH TUBES 1/5Y3, 1/6X5, 2/VR-150, 2/6G6 SIZE: 12x7x7; 26 LBS. USED \$8.95 CONNECTOR PLUGS, 2 REQ. \$1.00 EA.

RA-74D POWER SUPPLY FOR RECEIVERS BC-779, 794, 1004, R-270 & R-129U. INPUT 95/105/117/130/190/210/234/260 VAC 25-60 CYC. OUTPUT 380 VDC @ 50 MA, 250 VDC @ 100 MA 100 VDC 4.5 MA -50 VDC 11 MA & 6.3 VAC 7 AMP. WITH TUBES 1/5Y3GT & 1/5U4G. RACK PANEL MFG. SIZE: 19x10x10; WT: 100 LBS PRICE: RE-NEW\$24.95

PE-110D POWER SUPPLY FOR BC 669 TRANSMITTER-RECEIVER. INPUT 115 VOLT 60 CYCL OUTPUT 520 VDC @ 420 MA. 275 VDC VDC @ 64 MA. AND 13.6 VAC @ 4.6 AMP. WITH 4 TUBES 5Z3, RESET CIRCUIT BREAKERS A.C OUTLETS AND POWER OUTPUT PLUG. AN OPTIONAL ITEM IS THE 12 VDC POWER PACK VIBRATOR TYPE WITH A OUTPUT OF 275 VDC @ 64 MA. THAT WAS USED FOR RECEIVER STANDBY AND PLUGS IN ON THE CHASSIS. SIZE: 20x9x12; WT: 100 LBS. UNUSED PE-110D POWER SUPPLY LESS 12V PACK \$29.95 12V PACK 4.95

PE-110B POWER SUPPLY SAME AS ABOVE ONLY DOES NOT HAVE CIRCUIT BREAKERS, HAS FUSED CIRCUITS. SIZE: 14x9x12; WT: 75 LBS. USED PE-110B P.S LESS 12 V. POWER PACK... \$19.75 CD-515 CABLE FOR PE-110 \$5.95

RECTIFIER 12 VDC

RECTIFIER POWER UNIT 12 VDC 20 AMP CONTINUOUS DUTY OUTPUT, INPUT 115/440 VOLT 60 CYCLE, 3/4" METERE 0-15 D.C VOLTS, 0-30 DC AMPS. COARSE & FINE CONTROLS, SELINIUM RECTIFIERS BRACKETS FOR WALL MTC. SIZE: 12x11x11; WT: 70 LBS. NEW NAVY#6130-542-6140; Mod. #S20-GS12VN \$45.00

SCM-603601 VOLTAGE REGULATED 24 VOLT D.C 3 AMP. POWER SUPPLY FOR RACK PANEL MOUNTING. LINE REG. 1% LOAD 5%. THREE CAPACITORS 37,500 MFD 35 VDC, SILICON RECT. SIZE: 19x6x7; WT: 20 LBS. NEW \$19.95

PP-142 POWER SUPPLY VOLTAGE REGULATED 300 VDC 250 MA. ALSO 6.3 @ 3.75, 6.6 @ 9 A. WITH TUBES 3/6Y6G, 2/5U4G, 1/6AC7 & VR-150 ADJUSTMENT FOR B FUSED LINES, INDICATOR AND EXT. JACKS FOR OUTPUT ON FRONT PANEL. SIZE: 9x16x12; WT: 85 LBS. USED \$22.50

TS-147 REGULATED POWER SUPPLY IN CASE WITH FRONT PANEL AND SOME PARTS. POWER SUPPLY 115 V. 60 CYC. OUTPUT 300 V. 36 MA, 6.3 @ 1 1/2 6.3 @ 1.7A WITH TUBES 5R4 6Y6, 6SH7 & 2/0B2. CASE SIZE: 18x12x11; WT: 35 LBS. PRICE: WITH TUBES AND 2 1/2" MILLIWATT METER \$15 " " " NO METER \$11.95

RA-62 POWER SUPPLY FOR SCR-522 RECEIVER-TRANSMITTER. INPUT VOLTAGE 115/230 VOLT 60 CYCLE OUTPUT 300 VDC 230 MA. -150 VDC 8 MA & 13 VDC 3.9 AMP. WITH TUBES 2/5U4 & 1/6X5. SIZE: 16x11x11; WT: 75 LBS. PRICE: USED \$39.50 AC LINE PLUG ONLY \$1.50 OUTPUT PLUG \$1.50

RA-43-B RECTIFIER TUBE TYPE OUTPUT 115V 525W DC; INPUT 95-125V, 50-60CYC AC. PROVIDES POWER FOR 1 TO 3 SWITCHBOARDS. REQUIRES 2/6F6 INCL AND TWO C6J, NOT INCL. WT. 165 LBS. SIZE: 22x17x10 PRICE: \$24.95 USED

RBM CCT-20086 RECTIFIER POWER SUPPLY. INPUT 115 V. 60 CYCLE OUTPUT 12 V. 60 CYC 2.9 AMP. AN & 205 V.D.C. 76 MA. 5U4G RECT. SIZE: 8x9x13; WT: 20LBS. PRICE: USED \$18.95 P-2003 CONNECTOR PLUG...\$1.50

SCOPE POWER SUPPLY 110 VOLT 380-420 CYCLE INPUT OUTPUT APPROX. 1800 VOLTS 1.5 MA. WITH TRANSFORMER 2/CONDENSER 1/4000 VDC, 1/12TUBE, TERMINAL STRIP RESISTORS ETC. SIZE: 6x7x5; WT: 5 LBS. GE ASSY#7608055 \$2.95

PP-111/APS-10 POWER SUPPLY AS USED IN THE APS-10 RADAR SET. OPERATES FROM 115 VOLTS 400 CYC & 24 VDC FOR FILAMENTS, SUPPLIES 4000 VDC 105 VDC & 300 VDC. WITH TUBES 6X5 VR-105, 5R4, 6Y6, 6SH7, 2X2. SHOCK-MOUNTED CHASSIS, SIZE: 9x11x13; WT: 21 LBS PRICE: USED \$4.95

MULTI OUTPUT SUPPLY

RA-105 POWER SUPPLY; INPUT 115 VOLT 60 CYCLE, OUTPUT 0.C VOLTAGES 2400 VDC (FOR SCOPE) 544, 415, 295, MINUS VOLTAGES 1480, 290, 110, FILAMENT VOLT. 6.45 @ 12 AMP. AND 6.45 @ 10 A WITH TUBES 3/5U4G, 3/2X2 AND GOV'T RE-COND. 1/6X5GT ALSO HAS FUSED LINES, CIRCUIT BREAKERS AND LIGHT INDICATORS. SIZE: RACK MFG. 24"x24x10; WT: SHPG. 200 LBS.

Fair Radio Sales Co.

1016 EAST EUREKA STREET
P.O. BOX 1105 LIMA, OHIO 45802

CABLE ADDRESS: FAIRADIO

RADIOS ☆ PARTS ☆ ELECTRONIC EQUIPMENT

TELEPHONE (419) 223-2196

Dear Customer:

OUR '70 CATALOG was ready to be mailed when we purchased a large lot of TEST EQUIPMENT listed hereon.

This equipment was recently taken off the test line of a large manufacturer and as we understand it the equipment was operating up to this time.

We have not received this equipment yet or had time to price it as we were anxious for you to receive our catalog with out delay therefore if you are interested in any of this equipment call or write for prices as it is being offered on a first come first served basis.

INVENTORY LISTING OF TEST EQUIPMENT

QUANTITY

3	BERKELEY EPUT METER MODEL 5558 6 DIGIT
1	BERKELEY FREQUENCY METER MODEL 5570 8 DIGIT
1	BERKELEY REFERENCE GENERATOR MODEL 5580 WITH PLUG-IN 5581/4---40 to 120 MC
2	BERKELEY FREQUENCY METER MODEL 5571 7 DIGIT
1	BERKELEY REFERENCE GENERATOR MODEL 5580 WITH PLUG-IN 5581/44
1	BERKELEY EPUT METER MODEL 5588 6 DIGIT
1	BERKELEY UNIVERSAL COUNTER & TIMER MODEL 5510 6 DIGIT
1	BERKELEY EPUT METER MODEL 7170 8 DIGIT
1	BERKELEY UNIVERSAL EPUT AND TIMER MODEL 7360 7 DIGIT
1	GENERAL RADIO VIBRATION METER TYPE 761
1	GENERAL RADIO TWIN-T- IMPEDANCE BRIDGE TYPE 821A
1	GENERAL RADIO VHF GENERATOR 50- 250 MC TYPE 1021P3
1	GENERAL RADIO WITH POWER SUPPLY TYPE 1021-P1
1	GENERAL RADIO INTERPOLATION OSC. TYPE 1107A
2	GENERAL RADIO PRECISION CONDENSER TYPE 722D
1	GENERAL RADIO FREQUENCY METER TYPE 720A 2 . 1
1	GENERAL ELECTRIC SWEEP GENERATOR TYPE ST4A
1	GENERAL ELECTRIC MARKER GENERATOR TYPE ST5A
1	HEWLETT PACKARD FREQUENCY COUNTER MODEL 524A
5	HEWLETT PACKARD PULSE GENERATOR MODEL 212A
4	HEWLETT PACKARD VACUUM TUBE VOLTMETER MODEL 400A
2	HEWLETT PACKARD VACUUM TUBE VOLTMETER MODEL 400C
1	HEWLETT PACKARD SQUARE LAW DETECTOR
2	HEWLETT PACKARD POWER SUPPLY MODEL 715A
1	HEWLETT PACKARD U.H.F. SIGNAL GENERATOR MODEL 610A
1	HEWLETT PACKARD DELAY LINE MODEL AC-16V
1	TEKTRONIX TIME MARK GENERATOR MODEL 180S1
28	TEKTRONIX TIME MARK GENERATOR MODEL 180S2
2	TEKTRONIX TIME MARK GENERATOR MODEL RM181
5	TEKTRONIX TIME MARK GENERATOR MODEL 181

see other side

ITY

TEKTRONIX WIDE BAND PRE-AMP MODEL 121
TEKTRONIX POWER SUPPLY MODEL 160A
TEKTRONIX WAVE FORM GENERATOR MODEL 162
TEKTRONIX PULSE GENERATOR MODEL 163A
TELONIC U.H.F. SWEEP GENERATOR MODEL S3
TEL-INSTRUMENT 13 CHANNEL R.F. WOBBULATOR TYPE 1212
AD-YU HF PHASE DETECTOR MODEL 205B1
AD-YU INDICATOR UNIT 15-60MC 45-200MC 200-400MC 205B1
AD-YU VARIABLE TIME DELY MODEL 205B1
KAY ELECTRIC MARKA-SWEEP
KAY ELECTRIC MARKA-SWEEP MODEL VIDEO
KAY ELECTRIC MEGA NODE SR.
KAY ELECTRIC MEGA NODE NOISE-DIODE
KAY ELECTRIC RADA SWEEP SR.
KAY ELECTRIC RADA-PULSER
KAY ELECTRIC MEGA SWEEP CALIBRATED
ELECTRO PULSE--PULSE FORMING UNIT TYPE 300A
ELECTRO PULSE--PULSE WIDTH CONTROL TYPE 211A
ELECTRO PULSE--TIME DELAY GATE GENERATOR TYPE 210A
ELECTRO PULSE VARIABLE FREQUENCY UNIT TYPE 110A
ELECTRO PULSE PULSE GENERATOR TYPE 2120A
MEASUREMENT SIGNAL GENERATOR MODEL 80
HARVEY RADIO LAB SIGNAL GENERATOR TYPE 205TS
FERRIS MICROVOLTER MODEL 10B
MOSELEY X-Y PLOTTER AND CONTROLLER MODEL B2
AIRBORNE INSTRUMENT LAB NOISE FIGURE INDICATOR TYPE 74
PANORAMIC PANALYZOR CENTER FREQ. 500KC TYPE T100
SPERRY MICROLINE PEAK POWER METER MODEL 31A2
BALLATINE VOLTMETER MODEL 300
KEPCO REGULATED D.C. POWER SUPPLY
E.R.A. TRANSISTOR POWER SUPPLY MODEL 110 RANGE 1-10-100V
SORENSEN AC VOLTAGE REGULATOR MODEL 2000S
SORENSEN POWER SUPPLY 500VDC- 500MA MODEL 500BB
LAMBDA REGULATED POWER SUPPLY 350 VDC--800 MA
LAMBDA REGULATED POWER SUPPLY MODEL C281
OREGON REGULATED POWER SUPPLY 300VDC 200MA
DUMONT PULSE GENERATOR MODEL 404
DUMONT OSCILLOSCOPE MODEL 303A
DUMONT OSCILLOSCOPE MODEL 304
WATERMAN OSCILLOSCOPE 5" MODEL S16A
STELMA TELEGRAPH DISTORTION ANALYZER MODEL TDA
PANORAMIC RADIO ADAPTOR MODEL RBU-2
MILLIVAC RF VOLTMETER DC MILLI VOLTMETER TYPE MV18B
AMERAC L BAND WAVEMETER MODEL 228
AMERAC S BAND WAVEMETER MODEL 229

PLEASE NOTE THE QUANTITIES ARE SMALL AND THIS LOT OF FINE TEST EQUIPMENT WILL NOT LAST LONG AT THE LOW LOW PRICES WE INTEND SELLING IT AT.

Thank you for your consideration and your orders.
Sincerely
FAIR RADIO SALES CO.

OTHER TYPES OF TEST EQUIPMENT IN STOCK TELL US OF YOUR NEEDS.

SPECIAL OFFERING TEST EQUIPMENT

RELAY

RELAY 24 vdc SPDT
1 1/2 x 1 1/2
#CWS 571981 \$.35

TELEPHONE TYPE

RELAY 4PST NORMALLY OFF 12 VDC GR204-BC-966A 1 1/2 x 1 1/2 x 3 1/2
3380-557180-7435 \$1.00

6PST 50 VDC 2 A. COIL 250 OHMS 50 VDC 39 MA. OPERAT. 4 1/2 x 1 1/2; 4C8400-26 \$1.00

IPDT & 3PST 50 VDC 2 A. OPER. 46 VDC 38 MA 1200DHM 4 x 2 1/2 x 1 1/2; 4C7737-62 \$1.00

RELAY 200 VDC 135 MA, ONE COIL 1100 OHM, OTHER 1200 OHM, CONTACTS 2PDT, 6PST-NO 1PST-NC #5945-259-4275 \$1.

RELAY 150 VDC 150 MA. 1000 OHM COIL, CONTACTS 6PDT & 4PST-NO POTTER & BRUMFIELD 82-92-1005 BS-2202 \$1.00

RELAY CONT ARRANGEMENT 2E/ E IC. 115 VAC 60 CYC FAST ACT BREAK 7; MAKE 4. 4 x 2 1/2 x 1 1/2 #27593-4 \$1.50

ROTARY RELAY
18-32 VDC, TWO WINDINGS, ONE 7.1 -8 OHMS, OTHER 260-275, 2 WAFER TOP 6 POS. BOTTOM 7 POS. SIZE 2 1/2 x 1 1/2 x 1 1/2; WT: 4 OZ. OAK #75-2 22K 7705-19 \$1.00

ROTARY RELAY SAME AS ABOVE 2 WAFER, 12/14 VDC, CONTACT 3 BREAK, 1 MAKE/BREAK AND 3 MAKE. OAK 5325 S-104/BC604 2C6494A/R4 RE-MOVE \$1.25

RELAY 12 VDC, 67 OHMS DPDT NORMALLY OPEN. REMOVED FROM EQUIPMENT. 2 1/2 x 1 1/2 x 1 1/2 SW-182-F \$.50

RELAY 6V D 1 1/2 x 1 1/2 x 1 1/2 41F 500S-SIL \$.50

PLATE RELAY 10,000 OHMS. CONTACTS 115 VAC @ 5 AMPS 1 1/2 x 1 1/2 x 1 1/2 #R3P-3189 \$1.50

SEALED RELAY TWO COILS EACH WITH DPDT. COILS NOT OPERABLE SIMULTANEOUSLY. ONE COIL IS CONTROLLED BY THE CONTACTS OF THE OTHER. OPERATE FROM 12 VDC. 2 1/2 x 2 1/2 x 1 1/2 57175 \$1.00

INTERVAL TIMER ASSEMBLY RELAY TIME DELAY 5 MIN. RESET DELAY 100 SEC. MOTOR VOLTAGE 120V 400 CPS CLUTCH VOLTAGE 28 VDC. ALLIED CONTROL UNIT; 115V 400 CPS, CONT. 2A-29VDC AND 24V 4PDT RELAY. 5 LBS. #SS 19180 \$2.95

CRAMER TIME DELAY RELAY METER INDICATOR TYPE, SHOWS IF UNIT IS ON OR OFF. SIZE 3x3x3

#59K48746 2 SEC. \$4.95
#59K48748 20 " 4.95
#59K48747 2 MIN. 4.95
#59K48805 SAME AS ABOVE ONLY 3 1/2" RD. 3 MIN. \$4.95

SILICON RECTIFIER

POWER TESTED AT 1 MA MAX. LEAKAGE

1 AMP (TOP HAT)	
50-200 PIV \$.10
200-400 "	.15
400-600 "	.25
600-800 "	.35
800- "	.45
1000 "	.55

5 AMP (STUD)	
200-400 PIV	.50
400-600 "	.60
700 "	1.00
800 "	1.20
1000 "	1.75

INI347 6 AMP. 500 PVI (GOLD)	1.50
35 AMP (STUD)	
50 V	.75
100 V	1.00
200 V	1.60
300 V	2.00
400 V	2.25
500 V	2.50
600 V	3.00
900 V	4.00

STRATOPACK FOUR SECTION RELAY SECT. #1 4PDT " " 2 4PDT " " 3 4PDT " " 4 6PDT 24 VOLT D.C. 3 1/2 x 4 1/2 x 7; 5 LB \$1.95

RHEOSTAT

OTHER VALUES IN STOCK WRITE FOR YOUR NEEDS

STK #	WATTS	OHMS	PRICE
1050-PL	25	25	\$.50
30993	25	50	.50
750KK	25	75	.50
13990"	25	100	.50
201KK	25	200	.50
299DC	25	200	.50
25250	25	250	.50
892700	25	2/250	1.00
6424609	25	5	.50
2954	50	15	.75
50-75	50	75	.75
W1550	50	1500	.75
41132	50	7.5	.75
353-5049	50	8	.75
15822	50	17	.75
5895	50	20 (DUAL)	1.00
666-1731	50	34	.75
075-365-9	50	50	.85
32229	50	60	.75
581-0066	50	100	.75
(w/MICRO. SW-NC-NO)			1.00
8852-L20	50	600	.75
193-3450	50	2500	.75
201FK150	100	15	1.50
316-0796	100	360	1.50
0451	100	25	1.50
120KK	100	12	1.50
695692-1	"	10	1.50
237	150	15	2.95
252KK	150	2500	2.95
5R0KK	150	5	2.95
W1525	150	25	2.95
W1501	150	1.0	2.95
549-3683	"	750	2.95
697242-3	150	25	2.95
154	150	25	2.95
563501	150	125	2.95
351KK	150	350	2.95
235944	150	400	2.95

PLEASE GIVE SECOND CHOICE OTHER VATTAGES & OHMMAGES IN STOCK. TELL US YOUR NEED

CRYSTALS

100 KC CRYSTAL FOR APN-9 LORAN SET. CR-15/U HOLDER OR EQUIVALENT, 3 PRONG 1/2 x 1. PRICE: \$4.95

VARIOUS CRYSTALS IN STOCK FOR TCS REC OR TRANS. SPECIFY FREQ. \$1.50 EACH.

1000 KC CRYSTAL FOR BC-221 OCTAL BASE \$5.95

465 KC CRYSTAL, RESONATOR TYPE FILTER AS USED IN BC-794, BC-1004 ETC. \$1.50

200 Kc CRYSTAL IN OCTAL TYPE TUBE HOLDER \$3.50

CRYSTALS: FT-241-243 21-39 MC. F/BC-604-684-620-659 NO CHOICE FREQ. 5 FOR \$1.00

IN-21A CRYSTAL DIODE \$.25 EACH 5 FOR \$1.00

CRYSTAL OVEN 110 V. 60-1000 CYC. FOR HC-6/U, CR-26/U ETC CRYSTALS, WELL FILTERED, OCTAL BASE MOUNTING WITH 254. 72 CRYSTAL. 1 1/2 x 4 1/2; WT 1 OZ. #HUG 945550-1 \$1.95

CRYSTAL OVEN VOLTAGE: 26.5 TEMP: 85 C 30 WATTS SIZE: 2 1/2 x 4 1/2 537 \$1.25

CRYSTAL OVEN 6.3V FOR TEN HC-6/U, CR-26/U ETC. HOLD. MOUNTED ON PRINTED CIR. BOARD W/10NPC CAP. 3-12MFD. #0-402 SIZE 2 1/2 x 3; 4 OZ. \$1.00

CIRCUIT BREAKER

115 VOLT 60 CYC 3H900-1.5 1 AMP \$1.50
3H900-1.25 1 1/2 " 1.00
62349M6 3 POLE 1 1/2 " 2.50
3H900-3-2 3 " 1.00

P-0111 12 " 1.50

24-30 VOLTS 3H913-5 5 AMPS \$.50
975IK4 10 " .75
AN1513F35* 35 " .50
AN 3160-50L* 50 " .75

AIRCRAFT TYPE CIRCUIT BREAKER 5 AMP AN 3161-P5 \$1.50
10 " AN 3161-P10 .75
15 " AN 3161-P15 .75

METAL STAND W/RUBBER FEET BASE 8x11x13 LEGS 13x13x16 2 1/2" HIGH. ORIGINALY USED AS RECORD HOLDER STAND, CAN BE USED AS BOOK, FLOWER, TV, RADIO OR WHATEVER YOU CAN USE IT FOR. WT: 4LB. 75¢

SWIVEL BASE AS USED ON THE BOTTOM OF TV SETS, 5" SQUARE, HAS 1/2 TURN STOP THAT CAN BE REMOVED FOR 360 DEG. ROTATION. 2LBS. 75¢

POTENTIOMETER PRECISION TYPE, WIRE WOUND, 2SEC. 10,000 OHMS EACH 6W. 3 SOLDER LUGS EA. SEC. SIZE 3x5 1/2. WT: 1LB. STK#227284-29 \$.75

APPROACH LIGHT GRIMES#NAF1024-2 24 V, SPLIT GREEN & AMBER LENS & CLEAR 3x3x4 1/2; 1 LB. \$.75

TERMINAL BOARD PART OF BD-96 SWITCHBOARD. 10 HEAVY DUTY BLACK BINDING POSTS, SCREW TYPE & 90 SLOTTED HEAD BRASS BINDING POSTS ON BOARD 19 1/2 x 5 1/2 x 2 WT. 8 LBS. \$1.95

TERMINAL BOARD P/O BD-71 SWITCHBOARD. 15 BRASS SCREW TYPE BINDING POSTS ON INSULATING BOARD 3 1/2 x 16 3 LBS. \$1.50

AUTOMOTIVE MOTORAIDE METERS

CIRCUIT 0-1 M.A. MOVE. 0-10 V. SCALE 0-7.5 A. " 0-1K OHM " SIZE 3 1/2 x 5 1/2 \$3.95

REGULATOR 0-1 M.A. MOVE. 0-60 DCA SCALE 0-10 DCV " 0-20 DCV " SIZE 3 1/2 x 5 1/2 \$3.95

THESE ARE FOUNDATION METERS AND REQUIRE ADDITIONAL PARTS FOR CHECKING AUTOMOTIVE EQ.

DWELL TACHOMETER SCALE FOR CHANGING THE ABOVE METERS TO DWELL TACHOMETER. \$1.00

METER CASE ONLY FOR MOTORAIDE FOUNDATION METERS PRE-CUT HOLES AS IN ORIGINAL TEST UNITS. 5 1/2 x 3 x 7; 2 LBS. \$1.50

WOBBULATOR MAKE A SWEEP SIGNAL GENERATOR WITH THIS VOICE-COIL DRIVEN CAPACITOR. THIS UNIT CONSISTS OF 10.5 OZ. ALNICO MAGNET DRIVING A THIN ALUMINUM PLATE CLOSER TO OR AWAY FROM THE STATIONARY CAPACITOR PLATES WITH LEADS 5 TO 100 MMFD CAN BE OBTAINED SIZE 3x3x2; 1 1/2 LBS. #Y-101 AVAILABLE ONLY WITH CRACKED CERAMIC (NO EFFECT) \$2.95

POTENTIOMETER 100 WATT, 100,000 OHM IN 20 STEPS 5000 OHM EACH WITH HEAVY DUTY CONTACTS & INSULATED TERMINALS \$1.25 7 SHAFT. DAVEN#1373 SIZE: 5 1/2 x 3 1/2, SHAFT 1-3/8 x 3/8. WT: 1 1/2 LB. STK#227281-3

AUDIO OSCILLATOR BOX ASSY. W/24 12 MMFD. CERAMIC TRIMM. 21 TEMP. COMP. CAP. & RESISTOR WHEN USED WITH 2/6SJ7 TUBES & ASSOC. PARTS IT WILL PRODUCE FREQ. 425-2295 CYCLES IN 12 STEPS OF 170 CYC. EA. 5 1/2 x 5 x 4 1/2; WT: 5LB. #R26 \$4.95

SINGLE BAND BEAM BALUN INPUT 75 OHM-BALANCED. OUTPUT 100 OHM-BALANCED. UNIT FOR 10 METERS ONLY. WEATHER PROOF. 3 1/2 x 3 1/2 x 4 WT. 5 LBS. PRICE NEW \$1.25

TRANSISTOR BOARDS 8 FOR \$1 SIMILAR TO THOSE PICTURED WITH DIODES, RESISTORS, TRANSISTORS, CONDENSERS ETC. EA. BD. 2-5/8 x 3-7/8; 120Z 8 FOR \$1 20 FOR \$2.00

ANTENNA RELAY UNIT RE-2/ARC-5 WITH 2" ANTENNA CURRENT INDICATOR 0-10. ALSO ANTENNA SWITCHING RELAY AND 50 MMFD VACUUM CAPACITOR 5 AMPS. 3 1/2 x 4 1/2 x 6 PRICE RECOND. WITH CAP \$4.95

SELENCIO SHORTING RELAY 40VDC HEAVY DUTY INSULATOR 2" x 3" STEEL SHORTING BAR 4 1/2" 1 1/2" DRAW AT END, 1 1/2" AT SEL. SIZE 9 1/2 x 3 1/2 x 7 1/2; 10LB #5945-201-7829 \$3.95

ARC-12 ANTENNA CHANGE-OVER RELAY BNC CONNECTORS FOR EQUIP. UG-23-UG-21 F/ANT. REGULAP & AUX ANT. CONN. 24 VDC RELAY. W/BNC CABLES. \$2.75 UG-21 ANTENNA CONN. \$.75

ANTENNA CHANGE-OVER RELAY 6 V.D.C. SWITCHES BCN TO SUB-MINIATURE COAX. SPDT. 2 1/2 x 1 1/2 x 1; 4 OZ. #3380-511125-1125 \$2.95

BC-198 ANTENNA 12V SWITCHING RELAY FOR RECEIVER TO TRANS. PUSH BINDING POSTS, PL-77 PLUG. 5x5x1 1/2; 1LB. U. \$1.95

ANTENNA CHANGE-OVER S.P.D.T. FOR COAXIAL CABLE 28 VDC ROTARY ACTUATOR WAFER, LOW-LOSS HIGH-POWER. GENERAL COMM #2LN180RC-1 NEW \$3.95

SIZE: 4 1/2 x 3 x 2 1/2; WT: 1LB. TYPE "LN" CONN. CUT-OFFS 50% AN CONN. 7 CONTACT \$1.00

COAXIAL SWITCH S.P.D.T. FOR COAXIAL CABLE 28 VDC ROTARY ACTUATOR WAFER. USES TYPE "N" CONNECTOR. SA-185/U \$3.95

TYPE "N" CONNECTOR CUT-OFF \$.50 CONNECTOR 3 CONTACT \$1.00

FIRE DETECTOR PHOTOELECTRIC RESISTANCE TYPE 1.5 MEG. MAX DECREASES WITH INTENSITY OF LIGHT. #6340-651-6213 SIZE 1 1/2 x 3 1/2 \$2.95

ART-13 TRANSMITTER

100 WATT AIRCRAFT AUTOTUNE TRANSMITTER

MAKES A VERY SATISFACTORY AMATEUR UNIT FOR 80, 40, 20 AND 10 METERS. THE AUTOTUNE FEATURE PERMITS YOU TO PRESET THE FREQUENCY DESIRED ON ANY 10 PRESELECTED CHANNELS. (FOR CONVERSION INSTRUCTIONS SEE MANUALS #2 & #3 \$3.00 EA. TUBE LINEUP 1/837, 1/813, 2/1625, 1/125J7, 2/6V6, 2/811, 2/12SL7, 1/125A7. VOLTAGE REQUIRED 28VDC 10AMP, 400VDC, 225MA & 1250VDC 250MA. SIZE: 23x16x11 1/2 WT. 70LBS. PRICE: USED \$49.50

CONNECTOR PLUGS FOR TRANS. U/7 & U/8 \$2.50 EA. DYNAMOTOR FOR ART-13 WITH FILTERS & RELAYS 28VDC INPUT. PRICE: USED \$12.95

CONNECTOR PLUGS FOR DYNAMOTOR U-9 OR U-10 EACH \$2.50

CU-24/ART-13 ANTENNA SHUNT CAPACITOR CONSISTS OF 3 CAPACITORS 25MMF 10KV PRICE USED \$1.00

O-17/ART-13 LOW FREQUENCY OSCILLATOR

PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 TUBE. ALL OPERATING VOLTAGES ARE OBTAINED FROM THE TRANS. POWER SUPPLY. SIZE 5 1/2 x 5 1/2 x 9; WT 4LBS. USED \$5.95 UNUSED \$7.95

SA-22/ART-13 ANTENNA SWITCHING UNIT

CONTAINS A BENDIX VACUUM RELAY LM-26G, 24VDC, 2 POSITION CERAMIC SWITCH & 4 LARGE INSULATORS SAME AS USED ON TRANSMITTER, ALSO SO-239 COAX. CONNECTOR. SIZE: 11x7x7 WT 10LBS. PRICE: NEW \$4.95

VARIOMETER COIL FOR ART-13 L-112

ROTOR & STATOR COILS WITH GEARED COUPLING. 4x5x3; 2LB. USED \$1.95

RELAY, OUTPUT CIRCUIT SELECTING, 24 VDC #K105 6x2x3; 2 LB. USED \$2.95

ART-13 AUDIO SPEECH AMPLIFIER

CONTAINS TWO 6V6GT & ONE 125J7 TUBES, CAN BE USED FOR CARBON OR DYNAMIC MIC. SIZE: 7x4x3 1/2, WT: 4LBS, USED STK #2C254 PRICE \$5.95

ART-13 CFI CALIBRATION FREQUENCY INDICATOR & MCW OSCILLATOR ASSY.

USED TO PROVIDE A CONSTANT CRYSTAL CONTROLLED STANDARD OF 200 KC. IN ORDER THAT FREQ. CAN BE CHECKED ALSO 1000 CYCLE TONE. WITH 200KC. CRYSTAL & 2 TUBES SIZE 6x5x3 WT. 3LBS STK. #8Q1 PRICE USED \$6.95

HYDROPHONE

HYDROPHONE TRANSDUCER MICROPHONE

ROCHELLE SALT TYPE USED TO PICK UP UNDERWATER SOUNDS IN THE FREQUENCY RANGE OF 1 TO 20,000 CYCLES. AVERAGE IMPEDANCE 25 OHMS UP TO 400 FT. WITH TRANSFORMER HOUSED IN RUBBER WATERPROOF JACKET FILLED WITH OIL & 9 FT. RUBBER CONNECTING CABLE. SIZE: 5 1/2 x 3 1/2; WT: 2 1/2 LBS. (NOT MAILABLE) SONAR # NT-51038F PRICE: NEW \$14.95

SN-17/AP9-10 SYNCHRONIZER

\$9.95 TRANSMITTER & RECEIVER ALSO SWEEP AND CONTROL CIRCUITS FOR THE INDICATOR. GENERATES CONTROL FOR THE PULSE RECURRENCE RATES OF 410 TO 820 CPS AND RANGE MARKS OF 0-4-25 MILES. SIZE 8x6x13; WT: 30 LBS.

TEST SET

TS-3A/AP RADAR FREQUENCY METER 2400 TO 3400 Mc USING A TUNEABLE CAVITY ALSO HAS 3" METER FOR TESTING POWER OUTPUT, 0-2 MA. MOVEMENT 0-20 SCALE. USED WITH SCR-717/720 RADAR SET. WITH CABLES, TEST LAMP, COMPUTER RULE ETC. SIZE: 8 1/2 x 8 1/2 x 8; WT: 25 LBS. PRICE: UNUSED \$9.95

TUNED CAVITY

FR-72 TUNED CAVITY PORTABLE RINGING CAVITY USED FOR TESTING THE OVERALL PERFORMANCE OF RADAR EQUIPMENT SUCH AS POWER OUTPUT & FREQUENCY SPECTRUM. THE ECHO BOX CONTAINS A PRECISE-DIMENSIONED, SILVER PLATED RESONANT CAVITY THAT OPERATES AS A SHARPLY TUNED CIRCUIT IN WHICH INDUCTANCE AND CAPACITANCE ARE TUNED TO RESONANCE AT THE FREQ. BEING MEASURED. FREQ. RANGE 8500 TO 9000 MEGACYCLES. A 3 1/2" 0-20 MICROAMP. METER IS USED TO INDICATE PART OF THE STORED ENERGY. POWER IS OBTAINED FROM THE UNIT UNDER TEST. SUPPLIED WITH 1N-238 CRYSTAL DIODE, UG-44E/U ADAPTER AND 8 FT. COAXIAL CABLE. SIZE: 16x26x14; WT: 45 LBS. UNUSED \$29.50

TS-62 ECHO BOX & CAVITY

PORTABLE SELF-CONTAINED MANUALLY TUNED TEST SET USED FOR CHECKING RADAR EQUIPMENT IN THE 9320-9420 MC. RANGE. IT WILL DETERMINE THE FREQ. OF CW, MCW OR PULSED SIGNALS, MEASURE RELATIVE OUTPUT ON A 0-20 3/4 MICRAMP METER, DETECT DOUBLE MODING OF MAGNETRONS AND GIVES SIGNAL TO NOISE RATIO OF REC. ANTENNA PICK-UP ASSY WITH CABLE IS PROVIDED. SIZE: 6 1/2 x 18 1/2 x 11 1/2; WT: 15 LBS. PRICE: USED \$14.95

AN/PDR-27 RADIAC SET

PORTABLE BATTERY-OPERATED RADIATION DETECTOR AND INDICATOR. IT IS CAPABLE OF DETECTING AND MEASURING BETA AND GAMMA RADIATIONS TOGETHER OR GAMMA ALONE. THE UNIT CAN BE CARRIED BY HAND AND THE PROBE IS ATTACHED TO THE MAIN UNIT BY A COILED CORD. VISUAL RADIATION IS INDICATED ON THE METER AND AURAL IN THE HEADPHONES. BATTERY VOLTAGE REQUIRED 135 VDC, 22.5 VDC & 1.5 VDC. WITH TUBES 1/3V4 3/502AX AND 2 GM TUBES BS-1 & 2. SHIPPED IN METAL CARRIAGE CASE 9 1/2 x 15 x 10 1/2; 20LBS THESE UNITS ARE SOLD LESS HEADSET, CARRIAGE STRAP AND ARE NOT IN OPERATING CONDITION. \$10.00

BC-746 TUNING UNIT FOR BC-745

TRANSMITTER AND RECEIVER. CONTAINS 2 CRYSTALS, ANTENNA COIL, VARIABLE CAPACITOR AND R.F. COILS. VAR. CAP. 6.5 TO 140 MMF. CRYSTALS FT-243.

THE FOLLOWING FREQ. ARE AVAILABLE:

CHAN. NO.	TRANS. FREQ.	REC. FREQ.	CHAN. NO.	TRANS. FREQ.	REC. FREQ.
4	4845	5300 Kc.	11	4780	5235 Kc.
6	5880	6335 "	12	5030	5485 "
8	3525	3980 "	13	5305	5700 "
9	3655	4110 "			

SIZE: 4x3x1 1/2; WT: 1 LB. PRICE: EACH \$1.25

R.F. OSCILLATOR, PART OF GKA-1 EQUIPMENT.

CONTAIN SEVERAL TYPES OF BAND PASS FILTERS, VARIABLE CAPACITOR, TUBE SOCKETS, PIN JACKS, RESISTORS 1/2% PILOT LIGHTS, SWITCH, POTS 2/UG-88 COAX. CONNECTORS ETC. OSC. FREQ APPROX. 24 KC. SIZE: 12x12x4 1/2; 13 LBS. RE-MOVED \$1.95

VISUAL FLASH LAMP

USED BY AIRCRAFT OR GROUND UNITS FOR IDENTIFICATION PURPOSES. GIVES A EXTREMELY BRIGHT FLASH OF LIGHT THAT CAN BE SEEN BY AIR IN BRIGHT SUN 3 MILES OR 1 MILE ON THE GROUND. AVAILABLE FOR 12 OR 24 VOLT D.C. OPERATION. CONSISTS OF A HIGH VOLTAGE CONVERTER USING A VIBRATOR TYPE POWER SUPPLY WITH 2 CAPACITORS 25 MFD 2000 VDC, INT. DUTY, 2/12X3 TUBES ONE SYLVANIA FLSH LAMP #1073 WITH HOLDER & 20 FT. CABLE, 15 FOOT BATTERY CABLE 2 COND. #10 ETC. FLASH RATE ONE PER 1 1/2 SECONDS. SIZE: 17x10x4 1/2; WT: 50 LBS. W/MANUAL PRICE: UNUSED CHECKED \$29.95

SYLVANIA FLASH LAMP WITH PORTABLE HOLDER & LAMP SOCKET, SWITCH, IGNITION COIL AND 20 FT. 4 COND. CABLE. (COIL NOT GUARANTEED) \$10.00

APR-4 RECEIVER

R-444/APR-4Y RECEIVER AND CV-253/ALR TUNING UNIT FOUR BAND TO COVER THE FREQUENCY OF 38 TO 1000 Mc. USED IN AIRCRAFT AS SEARCH EQUIP. TO DETECT ELECTROMAGNETIC RADIATION, THE FREQ. OF SIGNALS, RELATIVE FIELD STRENGTH AND AUDIO OUTPUT. SELECTOR PERMITS CHOICE OF AM NARROW/WID OR FM. ALSO IF ATTN. SELECTOR, MET. SW., RANGE SELECTOR, SWEEP CONTROL & TUNING KNOB. METER 2 1/2" FOR TUNING. ORIGINALLY DESIGNED FOR 115 V 400 CYCLE POWER SOURCE UNITS ARE AVAILABLE FOR 115 VOLT 60 CYCLE. ALSO REQUIRED IS 24 VDC FOR PILOT LIGHTS AND SCANNING MOTOR WHEN TUNING UNITS WITH MOTORS ARE USED. REC. USED SIZE: 8x10x12 1/2; WT: REC. ONLY 33 LBS. TU. 20LBS. PRICE: REC. ONLY \$95.00 WITH CV-253 TU \$250.00 CV-253 CONVERTER 38-1000 MC NEW \$125.00 ANY OF THE TUNING UNITS LISTED BELOW CAN BE USED WITH THE R-444/APR-4Y OR R-54/APR-4

R-54/APR-4 RECEIVER SAME AS ABOVE ONLY DIFF. POWER REQ. 115 VOLT 60 TO 2600 CYCLE & 24 VDC SAME PRICE AND TUNING UNITS CAN BE USED.

CONVERTER TUNING UNITS FOR USE WITH 30 MC. I.F.

NO POWER SUPPLIES REQUIRE 300 VDC, 6.3 VAC OR 24 VDC WHICHEVER THE CASE MAY BE. SIZE: 9x7x15; 25 LBS. A1

TUNING UNIT	FREQ. RANGE	PRICE
TN-16/APR-4	38-95 MC	\$25.00
TN-17	" "	NOT AVAILABLE
TN-18	" "	300-1000 " 45.00
TN-19	" "	975-2200 " 39.95
TN-54	" "	2150-4000 " 75.00
CV-253	" "	38-1000 " 125.00

TN-1/APR-1 " " 38-95 " 25.00
TN-3/APR-1 " " 300-1000 " 35.00

POWER PLUG TO FIT SETS \$1.50 SHOCKMOUNT 2.50

TV CAMERA

BC-1211 CONVERSION UNIT; CONTAINS NECESSARY CKT AND COMP. FOR PICKING UP OPTICAL IMAGE AND CONVERTING IT TO VIDEO SIGNAL, ALSO GENERATES BLANKING AND SYNC. PULSES TO COMBINE W/VIDEO TO FORM COMPOSITE SIG. WITH TUBES 1846, 2/6L6, 1/VR-150, 4/1649, 2/6X5, 3/12SL7 & 4/12SN7. SIZE: 8 1/2 x 10 1/2 x 20; WT: 40 LBS. UNUSED PRICE: WITH TUBES AND LENSE \$100.00 " " LESS " 75.00

TV TRANSMITTER

T-61/AXT-2 TRANSMITTER FREQ. RANGE 264 TO 372 MC, RECEIVES RADIO & SYNCHRONIZING SIGNALS QND BLANKING SIGNALS AND TRANSMITTS MODULATED R.F. CARRIER WHICH IS GENERATED IN THIS UNIT BY MEANS OF OSCILLATOR AND POWER AMPLIFIER. POWER REQ. 750 VDC 225 MA & 24/28 V. WITH TUBES 4/8025, 2/6L6, 2/6SN7 1 EA. 5Y3GT, 6SL7GT, 6V6GT & 955. SIZE: 9x14x18; WT: 40 LBS. PRICE: USED \$32.50 UNUSED \$39.50

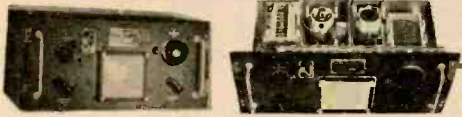
ID-66/AXR-1 MONITOR INDICATOR VIDEO REPEATER

AUX. VIDEO UNIT CONTAINING AMPLIFIER CIRCUITS, DRIVEN TYPE DEFLECTION CIRCUIT HV GENERATOR AND 7" C.R TUBE. WITH TUBES 7CP1, 2/12SN7, 1/807, 1/8016, 1/6AC7, 1/6SN7. ALSO DYNAMOTOR 24 VDC INPUT, OUTPUT 400 VDC 125 MA. U/W AXT-2 SET. SIZE: 8 1/2 x 10 x 19; WT: 20 LBS. PRICE: USED \$19.95

IP-53/CPS-6 RADAR HEIGHT INDICATOR WITH 12DP7AC.R. TUBE

ALSO 6/807, 13/6SN7, 5/6AC7, 1/6AG7, 1/6SJ7, AND 1/VR-150. NO POWER SUPPLY WITH THIS UNIT. SIZE: 20x18x31; WT: 125 LB. PRICE: USED \$29.95

PARTS BONNAZA



PLUG IN TUNING UNITS USED WITH BC-191/BC-375 TRANSMITTER. THESE UNITS CONTAIN MANY PARTS THAT CAN BE USED BY SCHOOLS, LABORATORIES, HAMS, OR EXPERIMENTERS. LISTED BELOW ARE THE VARIOUS TUNING UNITS WITH FREQUENCY COVERAGE, AND PARTS LIST. ALL UNITS INCLUDE CABINET, KNOBS, HANDLES, BRACKETS, AND OTHER PARTS. THE NEW TUNING UNITS ALSO INCLUDE THE OUTER CASE.

SIZE: 17x9x7 $\frac{1}{2}$ WT: 13 LBS.

TU-5B 1500-3000KC

M-O tank inductance
M-O band change switch
Antenna coupling switch
P-A band change switch
Capacitors, as follows:
3/0.0001 mfd 3000 volt
0.00003 mfd 2000 volts
2/0.0004 mfd 5000 volts
3/0.00009 mfd 3000 volts
Var. 8-26mmf, 20-135mmf
20-156mmf
Antenna coupling coil
P-A grid choke coil
M-O grid choke coil
P-A tank inductance
Res. 15 ohms, 4.5 watts
2 $\frac{1}{2}$ " vernier dial
right angle drive
New \$6.95

TU-6B 3000-4500KC

M-O tank inductance
P-A tank inductance
P-A grid choke coil
M-O grid choke coil
Antenna coupling coil
M-O band change switch
P-A band change switch
Antenna coupling switch
Capacitors, as follows
2/0.00005 mfd 3000 volt
2/0.0004 mfd 5000 volts
Variable cap. 19-116
mmf, 8-26mmf, 15-77mmf
M-O tuning compensator
Res. 15 ohm, 4.5 watts
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$5.95

TU-7-B 4500-6200KC

M-O tank inductance
P-A tank inductance
Antenna coupling switch
Antenna coupling coil
P-A grid choke coil
M-O grid choke coil
Cap. as follows:
2/0.0004 mfd 5000 volts
Var. Cap. 8-26 mmf,
23-111mmf, 19-116mmf
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$5.95

BC-306 ANTENNA TUNING UNIT 200-500 KC

VARIOMETER COIL
VARIOMETER DIAL
ANTENNA COUPLING SWITCH
INSULATORS
NEW \$4.95



TU-8-B 6200-7700KC

M-O tank inductance
M-O grid choke coil
P-A grid choke coil
P-A tank inductance
Antenna coupling coil
Antenna coupling switch
Cap. 2/0.0004 mfd 5000v
Var. Cap. 14-66mmf,
8-26mmf, 15-81mmf
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$5.95

TU-9-B 7700-10,000KC

M-O tank inductance
M-O grid choke coil
P-A grid choke coil
P-A tank inductance
Antenna coupling coil
Antenna coupling switch
Cap. 3/0.0004 mfd 5000v
Var. Cap. 19-116mmf,
8-26mmf, 15-77mmf
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
New \$4.95

TU-10-B 10,000-12,500KC

M-O tank inductance
M-O grid choke coil
P-A tank inductance
P-A grid choke coil
Ant. coupling coil
Ant. coupling switch
M-O choke coil
Cap. 3/0.0004 mfd 5000v
Var. cap. 14-82mmf,
19-116mmf, 8-26mmf
2 $\frac{1}{2}$ " vernier dial
Right angle drive
New \$4.95

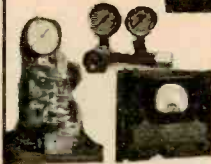
TU-26-B 200-500KC

M-O tank variometer
M-O plate coil
M-O grid choke coil
P-A tank variometer
P-A grid choke coil
M-O band change switch
Antenna Coupling switch
Antenna coupling coil
Capacitors, as follows
3/0.0004 mfd 3000v
2/0.005 mfd 5000v
2/0.004 mfd 5000v
2/0.0035 mfd 5000v
0.002 mfd 5000v
0.0005 mfd 3000v
0.0007 mfd 3000v
12mmf, 35mmf
Var. cap. 8-26mmf
Res. 15 ohm 4.5 watts
2 $\frac{1}{2}$ " Vernier dial
Right angle drive
USED \$5.95



CONTROL PANEL K-2406-3 FOR POWER, FUSE & ALARM, PILOT & HIGH/LOW, 3 FUSED SERVICES, 4 PILOT LIGHTS, 4 PUSH BUTTONS, PRINTED CIRCUIT BOARD HAS 12 TRANSISTORS, 4 DIODES, RESISTORS, CONDENSERS AND 2 VARIABLE COILS (ACCORDING TO THE MARKING ON THE CHASSIS THIS UNIT MAYBE TUNED TO 268 KC) ALSO RELAYS 1/12 VDC DUAL COIL 1/SPDT 1/SPST, ONE 24 VDC DPDT & 3 24VDC 3PST. SIZE: 3 $\frac{1}{2}$ x4x9; WT: 4 LB. USED \$5.95

VAPOR DETECTOR



WATER VAPOR DETECTOR 128; CONSISTS OF VALVING ASSY. WITH 2 $\frac{1}{2}$ " 3000 LB. PER. SQ. IN. GAUGE CONNECTED TO A BRASS BLOCK WITH 3 VALVES COPPER TUBING CONNECTS TO SATUATOR BOTTLE AND ANOTHER BLOCK WITH VALVE WHICH

ONE OUTLET CONNECTS TO A ELECTRIC AMPLIFIER THRU DETECTOR ELECTRODE AND THE OTHER OUTLET TO A GAS PRESSURE REGULATOR. THE ELECTRIC AMPLIFIER IS HOUSED IN METAL CASE WITH 3" METER 50 MICRO-AMP. WITH TUBES 1/1G6GT & 1/1G4GT IN A OSCILLATOR CIRCUIT, BALANCED BRIDGE TYPE, ANY ELECTRIC UNBALANCE IS INDICATED ON THE METER, ADJUSTING CONTROLS ON PANEL, REQUIRES 67 $\frac{1}{2}$ " & 1.5 VOLTS D.C FOR OPERATION. GAS PRESSURE REGULATORS ARE STD. WITH 2" METERS. EQUIPMENT IS USED TO DETERMINE THE AMT OF WATER VAPOR IN THE GAS TO BE TESTED WITH A REF. GAS AS THE STANDARD. CARRING CASE 14x16x10 $\frac{1}{2}$; WT: 60 PRICE: USED \$14.95

RELAY TEST SET

USED \$16.95
RE-COND. 21.95

1-193 RELAY TEST SET: USED FOR TESTING 255, 255A, D-163119A, D-164 816A POLAR RELAYS ETC. FOR BIAS AND SENSITIVITY. THE ELECTRICAL CHARACTERISTICS ARE DETERMINED BY THE DEFLECTIONS OF THE METER. ALSO CONTAINS CIRCUIT FOR SENDING PULSES FOR TESTING EXTERNAL TELEGRAPH CIRCUITS AND A 10-20 CYCLE OSCILLATOR FOR TESTING AND LINE-UP PURPOSES. OPERATES FROM 115/130 VDC 10 WATTS. (RA-87 RECTIFIER SHOWN ON PAGE 8 OF THIS CATALOG WILL OPERATE THIS EQUIPMENT) SHIPPED IN WOOD CHEST 24X12X13; WT: 75 LBS.

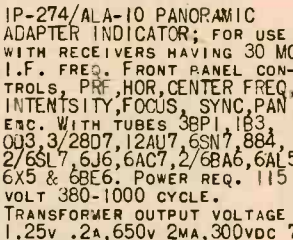


A.F.C. UNIT



AUTOMATIC FREQ. CONTROL UNIT No. 600671; USED WITH FIRE CONTROL SYSTEM WITH 16 TUBES 2/5829, 1/5703, 2/5702 & 1/

5784, DPCT SIGMA RELAY THAT WILL OPERATE FROM 14 VDC @ 2.8 MA, SLUG TUNED COILS, RESISTORS, COND. ETC. (SORRY DO NOT KNOW FREQ. NO SCHEMATIC) SIZE: 4x8x6; WT: 5 LBS. PRICE USED \$2.95



IP-274/ALA-10 PANORAMIC ADAPTER INDICATOR; FOR USE WITH RECEIVERS HAVING 30 MC I.F. FREQ. FRONT PANEL CONTROLS, PRE, HOR, CENTER FREQ, INTENSITY, FOCUS, SYNC, PAN ETC. WITH TUBES 3BP1, 1B3, 003, 3/28D7, 12AU7, 6SN7, 884, 2/6SL7, 6J6, 6AC7, 2/6BA6, 6AL5 6X5 & 6BE6. POWER REQ. 115 VOLT 380-1000 CYCLE. TRANSFORMER OUTPUT VOLTAGE 1.25v, 2a, 650v 2ma, 300vdc 70ma, 6.3v, 3a, 6.3v 4.65a. SIZE: 5x8x21; WT: 18 LBS. PRICE USED \$19.95



STANDARD ELECTRIC TIMER TYPE S-1 ONE (1) REV. PER SEC. MOTOR 115 VOLT 400 CYCLE, CLUTCH 24 VDC, RESET 24 VDC. SIZE 5 $\frac{1}{2}$ x5 $\frac{1}{2}$ x4 $\frac{1}{2}$; WT: 8 LBS. STOCK NUMBER 6645-803-2187 PRICE: UNUSED \$24.95

WAVE METER

SCOPE OSCILLATOR

AN/UPN-1 WAVEMETER-OSCILLATOR-SCOPE RADAR TEST UNIT FOR 155-235MC AND 460-570MC CONTAINS PULSE AND SWEEP GENERATORS VIDEO AMP. 3" OSCILLOSCOPE, TWO WAVEMETER TWO OSCILLATORS, POWER REQUIREMENTS: 80, 115, OR 230 VOLTS AC. 60-1000 CYCLES. SIZE: 30x21x24; WT: 150 LBS. USED

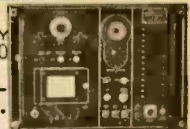
ANTENNA FOR AN/UPN-1 SIZE: 21x12 WT. 11 LBS. USED \$39.95



SIGNAL GENERATOR

USED \$18.95

BC-1277 SIGNAL GENERATOR; 2400 TO 3400 MC. TUNED CAVITY DIGIT COUNTER DIVISIONS 30/60 MC. 0-50 D.C 3 $\frac{1}{2}$ " MICROAMP. METER FOR MEASURING THE VOLTAGES OF THE VARIOUS CIRCUITS. ATTENUATOR, SYNC. AMP., STD. SIGNAL SHAPE AND CAL. SIGNAL AMPLIFIER CIRCUIT OPERATES FROM 115 V. 50-1200 CYCLE. WITH TUBES 3/VR-150, 4/6AC7, 2/VR-105, 2/6Y6, 2/6SF5, 1/6L7, 1/6L6, 1/707A, 1/6X5 & 1/5T4. USED FOR TESTING RADAR. SIZE IN WOOD CHEST 22x17x17; WT: 100 LB



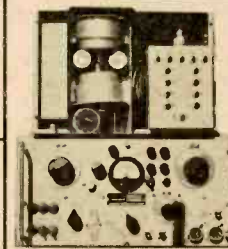
ATTENUATORS

MX-1309/URM-23 POWER MEASURING; KIT OF WAVEGUIDE ATTENUATORS, ADAPTER, BALOMETER, CABLE & CHART, 1000 TO 4000 MC.

ATTENUATOR CN-110/U 10 DB
" CN-111/U 20 DB (2pc)
" CN-168/U 3 DB
" CN-169/U 6 DB
RF BALOMETER DT-76/U, "N" CON
ADAPTER CONN. UG-402/U
COAXIAL CABLE CG-92B/U, W/UG-21 EA, END. METAL CARRING CASE, FITTED, SIZE 19x5x14; WT: 32 LBS. COMPLETE SET \$14.95



PULSE GENERATOR



AN/UPM-19 RADAR TEST SET CONSISTS OF SG-76 PULSE GENERATOR THAT COVERS THE FREQ. OF 2650-2950 MC. VARIABLE FREQ. AND R.F. OSCILLATOR CONTROLS BCN CONN. REQ. FOR R.F IN, R.F OUT, VIDEO PULSE AND SYNC. OUT JACKS. 2 $\frac{1}{2}$ " R.F CAL. POWER METER 25 TUBES, OPERATES FROM 24 VDC VIBRATOR POWER PACK. ABOVE IS CONTAINED IN CASE # 1 OF 2. CASE 2 OF 2 CONTAINS, 2 ANTENNAS, INDICATOR BOX, PLUGS AND CABLES. ALUMINUM CARRING CASE SIZES 16 $\frac{1}{2}$ x8x14 AND 14x10x10; SHPG. WT: 80 LBS. PRICE: USED \$29.50

CALIBRATOR



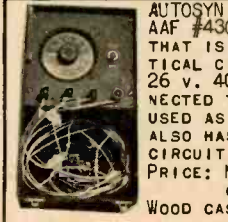
TS-102B/AP CALIBRATOR: RANGE CALIBRATOR PORTABLE PULSE GENERATOR WITH REPETITION FREQ. OF 400, 800, 1600, 2000 & 4000, MARKER AND SYNCHRONIZING PULSE, VARIABLE DELAY LINE PHASE ADJUSTMENT. OPERATES FROM 115 V. 50-1000 CYCLE WITH TUBES 2/6X4W 3/6AG7 6/5814, 2/UG273/U CONN. 4/CABLES W/UG-88/U SIZE: 16x10x11; WT: 28 LBS. UNUSED \$14.95



TS-164 FREQUENCY METER CASE EMPTY CASE USED TO HOUSE FREQ METER BC-221, CAN ALSO BE USED FOR SIMILAR TYPES, HINGED FRONT COVER FOR CALIBRATION BOOK, FRONT COMPARTMENT SIZE 9 $\frac{1}{2}$ x7 $\frac{1}{2}$ x7 $\frac{1}{2}$, REAR COMPARTMENT HAS 2 BALLAST TUBES AND VOLTAGE REGULATOR TUBE VR-105, REAR COMPARTMENT IS 2" DEEP ALSO RELAY AND SHOCK-MOUNTING. SHPG. WT: 19 LB. NEW \$3.95



JB-70 JUNCTION BOX; USED WITH BC-610 TRANSMITTER. FRONT PANEL HAS SWITCHES AND CONTROLS FOR REMOTE USE OF TRANS. HAS AC OUTLETS BOTTOM & SIDE, 4 HEADSET & 2 KEY JACKS, MIC PLUG, 2 WAFER, 4 TOGGLE, LEVER & START/STOP SWITCHES, CIRCUIT BREAKER, CABLES ETC. SIZE 19x13x5 $\frac{1}{2}$; WT: 40 LBS PRICE: USED \$9.95



AUTOSYN INSTRUMENT FIELD TESTER; AAF #43G18624 IS A SIMPLE TESTER THAT IS DESIGNED TO TEST THE ELECTRICAL CIRCUITS OF ALL MINIATURE 26 V. 400 CYC. AUTOSYNS. WHEN CONNECTED TO THE SUPPLY IT CAN BE USED AS A TRANSMITTER OR INDICATOR ALSO HAS ELECTRICAL ZERO TESTING CIRCUIT. SIZE: 6x10x5; WT: 8 LBS. PRICE: METAL CASE HINGED COVER & CABLES. USED \$8.95 WOOD CASE NO COVER/CABLES \$3.95

AF/URG-60 RECEIVER
100 TO 156 MC AM
CRYSTAL CONTROL ONE
CHANNEL, AVC, SQUELCH
AND NOISE LIMITER
CIRCUITS, 115 VOLT 25-60 CYCLE WITH TUBES
4/6AK5, 4/6SG7, 2/6H6, 2/6SJ7, 1/6F6 & 1/5Y3GT.
OUTPUT PHONE AND LINE JACKS, RF AND VOLUME CON
TROLS, PILOT LIGHT, SWITCHES ETC.
RACK PANEL MTC. 19x5x15; WT: 50 LBS.
PRICES: USED \$39.50 CHECKED FOR OPERATION \$45

MOTOROLA
T-193 TRANSMITTER 30-40
MC, F.M. 30 WATT, CRYSTAL
CONTROL SINGLE CHANNEL,
6 VOLT DC DYNAMOTOR WITH
TUBES 4/7C7, 2/7A8, 1/6V6
& 1/807.
SIZE 15x9x9; WT: 30 LBS.
PRICES: NEW \$14.95 USED \$9.95 NO TUBES \$5.95

MOTOROLA TRANSMITTER 152-172 MC FM USED \$14.95

30 MC - 28 MC
BC-499 RECEIVER F.M. 20-28
MC, 5 CHANNEL CRYSTAL CON
TROL, FD 15 KC WITH 11
TUBES 3/12SH7, 1/12SJ7, 2/
12H6, 2/12A6, 1/12SL7GT &
2/12K8. WITH 14 VDC DYNA
MOTOR OUTPUT 260 VDC 60
MA., AUDIO OUTPUT 500OHM
& SQUELCH CIRCUIT.
SIZE: 12x9x9; WT: 23 LBS.
PRICE: RE-NEW \$18.95
CONNECTOR PLUG TO FIT UNIT ... \$1.50

PHILCO
PHILCO TRANSMITTERS PRT150GT 154-172 MC. FM.
30 WATT, 6 VOLT DYNAMOTOR P.S.
CRYSTAL CONTROL SINGLE CHANNEL
TUBES, 2/3A4, 1/9003, 1/6B6, 2/
2E24, 1/6C4, & 1/2E30. USED COND
SIZE: 15x10x8; WT: 35 LBS.
PRICE: W/TUBES, L/CRYS. \$14.95

PHILCO
PHILCO RECEIVER PRT72G 70-80 MC. F.M. 6 VOLT
VIBRATOR POWER SUPPLY, CRYSTAL CONTROL
SQUELCH CIRCUIT, WITH TUBES 3/6B06, 3/6AK5,
2/6A06, 1/6C4, 1/7F7 & 1/7A8. USED LESS CRYST.
SIZE: 15x10x8; WT: 30 LBS. \$14.95

NAVY WALKIE TALKIE MARINE BAND
NAVY WALKIE-TALKIE TRANSMITTER &
RECEIVER. THIS EQUIPMENT IS CRYSTAL
CONTROLLED AND CAN BE OPERATED ON
ANY ONE CHANNEL IN THE FREQUENCY
RANGE OF 2.3 TO 4.5 MC. VOICE (A3)
COMMUNICATION ONLY, OUTPUT OF TRANS
IS 0.2 WATTS AND SATISFACTORY COMMUN
ICATION BETWEEN UNITS OVER AVERAGE
TERRAIN SHOULD BE ABLE TO BE MAINTA
INED UP TO APPROX. (1) ONE MILE.
WITH TUBES 1/1R5, 1/1S5, 2/1T4, 3/3S4. VOLTAGES
REQUIRED 67.5 VDC 3 MA; 135 VDC 4 MA; 1.5VDC
225 MA FOR REC. 67.5 VDC 1.5 MA; 135 VDC 19
MA; 1.5VDC 225 MA & -6VDC 30 MA FOR TRANSMIT.
UNIT COMES IN A WATERPROOF PLASTIC CASE WITH
SPACE FOR BATT. OR POWER SUPPLY. TELESCOPING
ANTENNA 8 FT. HAS SPEC. LOADING COIL.
COMPLETE WITH TUBES, ANTENNA, 2 CRYSTALS
FT-243 (NO CHOICE) HEADSET W/CANVAS BAND
CARBON MICROPHONE, CANVAS COVER,
& MANUAL. SIZE 8x8x2; WT: 8 LBS. \$12.95

**NAVY WALKIE-TALKIE DIRECTION
FINDING EQUIPMENT MODEL DAV**
SAME AS "MAB" DESCRIBED ABOVE
ONLY HAS A DIRECTION FINDING
LOOP CIRCUIT FOR HOMING AND IS
IN A WATERPROOF PLYWOOD CASE
WITH WEB STRAPS FOR CARRING ON
BACK OR FRONT. ALSO COMPLETE
WITH TUBES, HEADSET WITH CANVAS
BAND, LIP MICROPHONE, TELESCOPING,
ANTENNA & 2 CRYSTALS (NO CHOICE)
WITH MANUAL. SIZE: 14x10x3; 11LB
PRICE: UNUSED \$12.95

VIBRATOR POWER SUPPLY MAB & DAV
DESIGNED FOR USE WITH MAB & DAV
DESCRIBED ABOVE, OPERATES FROM 6 V
DC STORAGE BATTERY NT-6, THAT FITS
ON BOTTOM OF P.B. PACK, 6 V 4AMP.
(CAN BE OPERATED FROM ANY 6 VDC 4 A.
SOURCE) SUPPLIES 1.5 VDC .3 A, -6 VDC
.02 A, 67.5 VDC .005 A, 135 VDC .02A.
ALSO USED WITH NAVY EQUIP. MU, MV,
MW, & MX. SIZE: 6x3x3; WT: 2 LBS. NEW \$6.95

N-T-6 PLASTIC STORAGE BATTERY
FOR ABOVE POWER SUPPLY CRF-20221A
SUPPLIES 6 VOLTS DC 4 AMP.
SIZE: 3x2x2; WT: 2 LBS. DRY
CHARGE BATTERY. \$3.95

30 MC - 50 MC
RCA F.M. RECEIVER 30 - 50 MC
SINGLE CHANNEL, CRYSTAL CON
TROL, WITH TUBES 9/6SH7, 1/
6SL7, 1/1635 & 2/6H6. AVAIL
ABLE WITH 6 OR 12 VOLT VIBR
ATOR PACK.
SIZE: 9x10x16; WT: 23 LBS.
RCA#CVIB OR EQUIVALENT.

LINK RECEIVER 30-50 MC FM
TYPE 11-UF-ED-6. CRYSTAL
CONTROL SINGLE CHANNEL,
DUAL CONVERSION, SQUELCH
CIRCUIT WITH TUBES 5/7AG7
2/7A6, 1/7C7, 1/7F7, 1/7B5 &
1/7F7. VOLTAGES REQUIRED
FOR FILAMENTS 6 VOLTS,
HIGH VOLTAGE 250 VDC 60MA.
SIZE: 7x13x9; WT: 22 LBS. PRICE: USED \$27.50
POWER & CONTROL PLUG \$1.00 ANTENNA PLUG \$1.00

115V 60 CYC & 6 VDC
LINK TYPE 5-FRX TRANSMITTER
RECEIVER; F.M. 30-40 MC
115 VOLT 50-60 CYCLE OR
6 VOLT DC. SINGLE CHAN
NEL CRYSTAL CONTROL. SET
IS HOUSED IN METAL BOX
WITH SPEAKER, HANDSET, PILOT
LIGHT CONNECTOR AND SWITCH
FOR 6 OR 115 V. OPERATION.
TRANSMITTER OUTPUT IS 3 WATT USING TUBES 1/
7F7, 1/7W7, 2/7C5, CRYSTAL FREQ. IS MULTIPLIED
32 TIMES FOR OPERATING FREQ.
RECEIVER SENSITIVITY 1/2 MICROVOLT OR BETTER.
WITH TUBES 2/6AC7, 2/6K8, 1/6V6, 1/6SH7, 1/6SJ7,
2/6H6, 1/6SL7 & 1/6K6. FREQ. DEVIATION - 15KC
CASE SIZE 21x9x15; WT: SHPG. 80 LBS.
RECEIVER CAN BE OPERATED WITHOUT TRANSMITTER
PRICE: USED AS DESCRIBED \$39.50

LINK RECEIVER 1905 152-172
MC F.M. DOUBLE CONVERSION,
SINGLE CHANNEL CRYSTAL CON
TROL, SQUELCH CIRCUIT, WITH
TUBES 2/7A6, 1/7F7, 7/7AG7,
1/7B5, 2/6AK5. LESS CRYSTALS
SIZE: 8x10x12; WT: 30 LBS.
PRICE: WITH 6 VOLT POWER SUPPLY \$34.95
" " " " " " " " \$39.50

LINK TRANSMITTER 1906 152-172 MC FM LESS TUBES
DYNAMOTOR, RELAYS CRYSTALS, USED 6.95

R-114/VRC-4 RECEIVER AM CRYSTAL
CONTROL ON FOUR CHANNELS IN THE
1.7 TO 8.7 MC BAND, ONE TUNEABLE
BAND OF 190 TO 510 KC. IF FREQ.
525 KC. FOR PHONE AND CW USE.
WITH TUBES 4/6SK7, 1/6K8, 2/6SQ7 & 1/6K6. VOLTAGE
REQUIRED 6 V. FOR FIL. AND 220 VDC 80 MA.
SIZE: 15x11x14; WT: 80 LBS. RE-NEW \$29.95

CONTROL RECEIVER
R-127-RADIO CONTROL CONVER
TING RECEIVER 162-174 MC
F.M. 2 CHANNEL OUTPUT, BATT
ERY OPERATION, REQUIRED VOL
TAGES 67.5, 45, 90, 11.7 & 10
WITH TUBES 2/958, 2/1T4, 2/3S
4, 1/1S5 & 1/958. 1 F 8.25 MC
CHASSIS AS PHOTO. W/SCHMATT
CONNECTOR PLUG TO FIT UNIT..... 1.50

RECEIVER
R-74/CRW-2 RECEIVER A.M.
SUPERREGENERATIVE TYPE FOR
REMOTE CONTROL USE IN THE
53-88 MC BAND. WHEN THE RF
TRANSMITTING CARRIER IS MOD
ULATED BY 475 OR 3000 CYCLE
TONE. IT ACTUATES THE RELAY
IN THE RECEIVER WHICH CAN
BE USED TO CONTROL EQUIP.
SINGLE PRESELECTED FREQ. MUST BE USED.
WITH TUBES 1/6SG7, 1/6J5, 3/6SL7 AND 1/6SN7. AND
DYNAMOTOR 24 VDC INPUT, OUTPUT 250 VDC 60 MA.
SIZE: 6x8x10; WT: 15 LBS. PRICE: USED \$6.95

NAVY TCS TRANSMITTER
AM, 1.5 TO 12 MC IN 3
BANDS, 40 WATTS CW, 20
WATTS PHONE, VARIABLE
MASTER OSCILLATOR AND
4 CRYSTAL CONTROL PRE
SET CHANNELS OVER THE
ENTIRE FREQ. RANGE.
WITH 3/12A6 TUBES IN
THE OSC. AND BUFFER-
DOUBLER, 4/1625'S MOD
ULATOR AND POWER AMPL
IFIER STAGES. ILLUMIN
ATED DIAL WITH VERNI
ER AND SPIN TUNING, 2 1/2
INCH METERS FOR READ
ING VOLTAGES & R.F.
ALL TUNING AND OPERA
TING CONTROLS ARE ON
THE FRONT PANEL. VOLT
AGES REQUIRED 12 VDC
& 400-440 VDC 200 MA.
SIZE: 11x11x13; 41LB
USED \$34.50
USED CHECKED
FOR OPERATION \$44.50

NAVY TCS RECEIVER
AM, 1.5 TO 12 MC IN 3
BANDS, CRYSTAL CONTROL
ON FOUR PRESET CHANNEL
OR VARIABLE FREQUENCY
OVER THE ENTIRE RANGE.
AUDIO OUTPUT 1.5 WATTS
INTO A 500 OHM LOAD.
WITH TUBES 12SK7 RF AM
PLIFIER, 12SA7 CONVERT
ER, 2/12SK7 IF AMPLIFIER
12SC7 DETECTOR/BFO,
12A6 OSC. & 12A6 AUDIO
AMP. IF FREQ. 456.
ILLUMINATED DIAL WITH
VERNIER & SPIN TUNING.
AUDIO GAIN, AVC & BFO
CONTROLS. VOLTAGES REQ
UED 12 VDC & APPROX.
220 VDC @ 100 MA.
CW PITCH AND OSCILLAT
OR SELECTOR CONTROLS.
SIZE 11x11x13; 37LB.
USED \$44.95
USED CHECKED FOR
OPERATION 54.95

TCS POWER SUPPLIES
115 V 60 CYCLE (NOT SURPLUS)
COMBINATION UNIT FOR RECEI
VER, TRANSMITTER & CONTROL Bx
7x8x13; 50 LBS. WIRED \$50.00
TRANSMITTER ONLY; 5x6x9; 15 LB. " 35.00
RECEIVER ONLY WITH SPEAKER
10x10x6; 15 LB. " 20.00

**TCS REMOTE CONTROL UNIT TYPE
23270 FOR REC. TRANS. AND
AMPLIFIER WITH HEAVY DUTY 5"
PM SPEAKER, MIC & PHONE JACKS,
VOL. CONTROL & SWITCHES.**
3x5x7; 7 LBS. RE-NEW \$9.95

RUBBER SHOCK MOUNTS ONLY EACH \$1.50
MOUNTING BASE ONLY \$1.50 WITH 4 MOUNTS \$2.95
NOISE LIMITER CONVERSION KIT W/6H6TUBE 2.00

TCS CABLES RECEIVER TO POWER SUPPLY \$2.75
" " TRANSMITTER TO " " \$2.75
PLUGS FOR CONTROL BOX & " " (2) 3.00

TCS ANTENNA LOADING COIL #47205; USED TO MATCH
THE OUTPUT OF THE REC/TRANS. TO A WHIP
ANTENNA TO OBTAIN THE MAXIMUM PERFORMANCE.
OR BY USE OF THE 6 POSITION TAP SWITCH IT
CAN BE USED TO MATCH VARIOUS LENGTHS OF
STRAIGHT WIRE ANTENNA SYSTEMS.
SIZE: 6x9x6; WT: 7 LBS. PRICE: USED \$6.95

TCS DUAL DYNAMOTOR POWER SUPPLY
INPUT 12 VDC 14.5 AMP.
OUTPUT 440 VDC 200 MA.
FOR TRANS. 225 VDC 100
MA. FOR REC., FILTERED
INPUT & OUTPUT WITH
START RELAY & CONNECTORS FOR CONNECTING REC.
TRANS. & CONTROL BOX. RE-NEW
SIZE: 12x7x7; WT: 35 LBS. PRICE: \$14.95

TCS PARTS
MOST PARTS AVAILABLE, ADVISE US OF YOUR NEEDS.

D-401 DYNAMOTOR ONLY FOR TRANS. INPUT 12 VDC
9.9 AMP, OUTPUT 440 VDC 200 MA. RE-NEW \$6.95
D-402 DYNAMOTOR ONLY FOR REC. INPUT 12 VDC
3.8 AMP. OUTPUT 220 VDC 100 MA. RE-NEW \$4.95

STEPPING SWITCHES

WESTERN UNION AUTOMATIC NUMBERS CONSISTS OF 3 ROWS OF LIGHTS NUMBERED 0-9, 3 STEPPING SWITCHES 6 DECK 11 POSITION, ONE 10 DECK 24 POSITION STEPPING SWITCH, ONE RELAY 4PDT & 4PST, OPERATES 40-48 VDC, MOUNTED ON CHASSIS 4 1/2 x 7 1/2 x 1 3/4; WT: 12 LBS. #9701.1A
PRICE: USED \$19.95

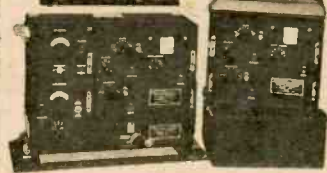
STOCK#	POS.	DECK	VDC	PRICE:
7709181P2	25	10	24	\$9.95
7709181P6	25	9	24	8.95
7709181P1	25	9	24	9.50
CONTINENTAL CONNECTORS 75-20H-1				
ONP2 & P6, 34-20H/P2, 21-20H/P1				
217139	25	5	24	\$5.95
917723	24	6	30/36	4.95
917722	24	8	30/36	5.95
916909	24	10	30/36	6.95
315174	20	2	18/24	3.95
NO CONNECTORS 104121	25	4	18/24	5.95
ON OTHER UNIT 917978	11	6	32/36	3.95



NO CONNECTORS 104121
ON OTHER UNIT 917978

BC-223 TRANSMITTER

\$19.95



BC-223 TRANSMITTER 25 WATT 2000 TO 5200 KC BY USE OF 3 PLUG IN TUNING UNITS, CRYSTAL CONTROL AND VARIABLE OSCILLATOR, FOUR PRESELECTED CHANNELS, USES

FT-171 CRYSTAL HOLDERS WITH TUBES 1/801 OSCILLATOR, 1/801 POWER AMPLIFIER, 2/46 MODULATORS, 1/46 AUDIO AMPLIFIER, 2" METERS, 0-3 R.F. & 0-300 VDC MA. VOLTAGE REQUIRED 12 OR 24 VDC & 500 VDC @ 150-200 MA.
SIZE: 18x13x7; WT: WITH 3 TUNING UNITS 100 LBS
PRICE: W/TUBES AND 3 TUNING UNITS WITH CASES FOR 2 TUNING UNITS.. NEW \$19.95

TU-17 TUNING UNIT 2000-3000 Kc.	\$3.95
TU-18 " " 3000-4500 "	2.95
TU-25 " " 4500-5200 "	2.95
CS-56 CASE FOR HOUSING TUNING UNIT	1.00
FT-173 SHOCKMOUNTING	1.95
POWER PLUG CONNECTOR F/TRANS OR POWER	1.25
PE-135/PE-55 DYNAMOTOR 1/24 VOLT, USED	10.95
AC POWER SUPPLY	
KIT OF PARTS \$25.00 WIRED \$29.95	

COMCO MODEL 278 TRANSMITTER-RECEIVER 275 MC. RECEIVER-TRANSMITTER FOR 6/12/24 VOLT OPERATION. POWER OUTPUT 2-3 WATTS. UNIT IS CRYSTAL CONTROLLED (CRYSTALS NOT INCLUDED). COMPLETE WITH TUBES: 2E26, 5686, 5/68H6, 12AX7, 2/6AQ5, 6AT6, 3/68J6, 6BE6, 2/6AK5, 6AK6. UNIT COMPLETE WITH TUBES, CABLES, SPEAKER, AND CONTROL BOX.
SIZE: 12x11x5 1/2. WT: 35 LBS.
USED \$39.95



DIVERSITY RECEIVER

DIVERSITY RECEIVING EQUIPMENT PROVIDES A MEANS FOR COMBINING THE OUTPUT OF THREE

RECEIVERS TO PRODUCE A SINGLE KEYED AUDIO OUTPUT SIGNAL, FREE FROM NOISE AND OTHER UNDESIRABLE INTERFERENCE. IT IS SUITABLE FOR USE ONLY IN CW & MCW SIGNALS AND NOT VOICE. THE BAND PASS FILTER IS FOR 600 TO 1200 CYC. AND THE OUTPUT OF EACH RECEIVER IS INDICATED ON THE METERS WHICH ARE 500 MICROAMP. THE AUDIO FREQ. CONTROL CAN BE ADJUSTED FOR THE PROPER BAND PASS. INPUT AND OUTPUT IMPEDANCE IS 600 OHMS. EQUIPMENT OPERATES FROM 115/230 VOLT 50/60 CYC. AND CAN BE RACK MOUNTED.
W/TUBES 1/VR-150, 1/6F8, 3/6A6, 2/6SJ7, 1/77, 1/1V, 1/80. SIZE: 21x19x14; WT: 125 LBS.
PRICE: NEW WITH MANUAL \$19.95



AMPLIFIER, FILTER, POWER SUPPLY. PRINTED CIRCUIT WITH TUBES 2/5840, 1/5678 & 1/6112, SILVER PLATED SHIELDS, RESISTORS, CONDENSERS ETC. SIZE: 5x3x3; 2LBS. #1280-779-1385
\$1.50

CALORIMETER



CALORIMETER D-7604681G1 PORTABLE UNIT DESIGNED TO MEASURE THE RF POWER OF X BAND RADAR. TWO SYSTEMS ARE EMPLOYED, CLOSED CYCLE FLUID FLOW AND ELECTRICAL THE FLUID FLOW IS CIRCULATED BY AN INTERNAL PUMP WHERE

THE RF IS CONVERTED TO HEAT ENERGY, THE OUTPUT IS THEN INDICATED ON THE 4" WATT METER. THE RANGE SELECTOR IS FOR LOW RF 0-100 & HIGH RF 100-400 WATTS. OPERATING VOLTAGE 115 V. 50-420 CYCLE. SIZE: 20x15x13; WT: 75 LB. USED FULL SPECIFICATIONS SENT UPON REQUEST \$50.00



BC-1333 MARKER BEACON RECEIVER 75MC. USED TO RECEIVE SIGNALS FROM ABOVE TRANSMITTER. WHEN SIGNAL IS RECEIVED IT OPERATES A RELAY IN THE RECEIVER WHICH IN TURN CAN BE USED TO OPERATE SIGNALS, LIGHTS, MOTORS, TURN ON EQUIPMENT ETC. VOLTAGE REQUIRED 24VDC. COMPLETE WITH TUBES 1/12SN7, 1/6SH7, 1/6SL7
SIZE: 3x5 1/2 x 5 1/2. WT. 3LBS. PRICE: USED \$2.95

AIR SPEED INDICATOR

ID-168B/APA-44 AIRSPEED INDICATOR. CONTAINS A KOLLMAN TRUE AIRSPEED METER AND AN INDICATING DEVICE WITH A RANGE OF 84 TO 434 KNOTS. BY OPERATION OF THE TEST SWITCH THE AIRSPEED SERVO MAY BE MADE TO RUN IN DIRECTION OF INCREASING AIRSPEED, IN DIRECTION OF TRUE AIRSPEED, OR TO HOLD THE PRESENT SETTING FLEXIBLE TUBE CONNECTED TO A TEMPERATURE COMPENSATING THERMOMETER.. JOHN OSTER MOTOR # AV 20 28 VDC. TUBES 1/6AK5W. WESTERN ELECTRIC RELAY D171584. SIZE 15x7 1/2 x 5. WT. 19 LBS.
USED \$5.95 RE-NEW \$8.95



RT-122/APW-11 REC.-TRANS.

RT-122/APW-11 RECEIVER TRANSMITTER, THIS UNIT CONSISTS OF A TUNABLE RECEIVER CAVITY, A CRYSTAL DETECTOR, A VIDEO AMPLIFIER, DECODING CIRCUITS, A TRANSMITTER AND CIRCUITS FOR OBTAINING AUDIO FREQUENCY TONES FROM THE PULSE POSITION MODULATED SIGNALS OF THE AN/MSQ-1. THE TRANSMITTER CONTAINS CIRCUITS FOR ENCODING THE REPLY BY VARYING THE SPACING BETWEEN THE TWO REPLY PULSES. THE RECEIVER-TRANSMITTER RECEIVES INPUT PULSES TRANSMITTED AT A PULSE REPETITION FREQUENCY OF 410 CYCLES PER SECOND AND A PRESET CARRIER FREQUENCY RANGING BETWEEN 2680 AND 2920 MC. THE REPLY PULSES ARE AUTOMATICALLY TRANSMITTED AT A PRESET CARRIER FREQUENCY RANGING BETWEEN 2700 AND 2950 MC. TUBES: 1/12AT7; 2/2D21; 6AS6; 6AL5 2C40. SIZE: 13x5 1/2 x 6. WT. 19 LBS.
PRICE: USED WITH TUBES... \$14.95
USED LESS TUBES... 5.95



C-400/APW-11 SELECTOR UNIT FOR RT-122 REC-TRANS. CONTAINS 6 RELAYS 24 VDC SPST NORM OPEN 15 9 PIN SOCKETS, 1 OCTAL, 6 FILTERS, 1 DPDT SW. RESISTORS CONDENSERS ETC. 5x6x12; 8 LBS
PRICE: USED LESS TUBES \$2.95



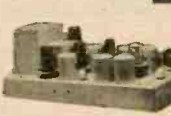
SERVO AMPLIFIER

SERVO AMPLIFIER #358661 IN SEALED BLACK BOX CONTAINING SIX (6) TUBES 2/5AL5, 2/6AQ5, 1/6096, 6101, RELAY DPDT, OUTPUT TRANS. COND. RESISTORS ETC.
SIZE: 5x3x4; WT: 4 LBS. USED \$1.95



AMPLIFIER

WEBSTER ELECTRIC AMPLIFIER SERVO TYPE: OPERATES FROM 115 VOLT 60 CYCLE, WITH TUBE 3/6SN7, 1/6H6, 1/6SN7 & 1/5T4, POWER SUPPLY OUTPUT 250 VDC 80 MA (UNFILTERED) 5 VAC @ 3 A 6.3 VAC @ 3 A., 6.3 VAC @ 4 AMP. ALSO INTER-STAGE TRANSFORMERS, RESISTORS, CONDENSERS, CONTROLS ETC. CHASSIS SIZE 14x6x1 1/2; WT: 19 LB
PRICE: USED \$4.95



TRANSISTOR BOARDS

THE TRANSISTOR BOARDS LISTED BELOW ARE APPROX. 4 1/2 x 5 1/2 AND CONTAIN THE PARTS LISTED. \$1.25 PRICE: EACH,

#44485-506-11 3/#6111 G.E. TUBES; 2/2N338 SWITCHING AND HIGH FREQUENCY TRANS.; 2 1/2 WATT RES.; 3/1 WATT RES.; 6/ GLASS DIODES; CAPACITORS: 3/.1 MFD @ 100 VDC; 8/.05 MFD @ 200 VDC; 3/1.5 MFD.-150 VDC TAN ALUM CAP.



#40085-401-31 2/2N498 4W. SILICON MESA PNP TRANS. 1/2N335 .15W SMALL SIGNAL TRANS. 6/1N540 DIODE 2.5A-400PIV; 4 1/2 WATT RES.; 3/ 1/2 WATT 1% RES.; CAPACITOR: 1/5MFD-150 VDC TANTALUM; 1/7 MFD 100VDC TANTALUM; 1/2MFD-100VDC TANTALUM; 1/.1MFD-1000 VDC; 1/.0033MFD 100VDC; 3/.1MFD-100VDC; 1/1000OHM BOURNS TRIMPOT.



#40835-401-11 2/2N498 SILICON MESA PNP-4W; 3/2N335 .15 W SMALL SIGNAL TRANS.; 6/U-292 DIODES; 1/2K BOURNS TRIMPOT; 4/ 1/2 WATT RES.; 1/ 1/2 WATT 1% RES.; 1/.1MFD-200 VDC CAPACITOR.



#44490-506-11 1/#6021 TUBE; 4/1N251 SILICON SIGNAL DIODE 5MA 1V.; 1/1N643 SILICON DIODE 10MA-200V.; 1/10K BOURNS TRIMPOT 11/ 1/2 WATT RES.; 2/2 WATT RES.; 1/1% RES CAPACITOR: .35MFD-150VDC TANTALUM 1.5MFD-150VDC TANTALUM; .0047MFD -200 VDC; .022MFD-200 VDC; 3/.01-200 VDC; .01-400 VDC; 1 TRANSFORMER



PLUG-IN CIRCUIT BOARDS

K-2405 GROUP MODULATOR WITH CRYSTAL G4CSW, 3 TRANSISTORS, 4 DIODES, 5 CAP. 25 RES. 4 MIN TRANS. ETC. \$1.95

K-2402 CHAN 6-E WITH COILS 172 KC, 372 KC, 4 TRANSISTORS, 3 DIODES, 11 CAP. 35 RES. 5 MINI TRANS. 2 FILTERS ETC. \$1.00

K-2442-1 REPEATER 5 TRANSISTORS, 3 DIODES, 30 RES. 6 CAP. 2 MINI TRANS. 8 TANT CAP ETC. \$1

K-2411 3.7/3.9 SUPPLY 6 TRANSISTORS, 8 MINI TANT CAP. 27 RES. 5 CAP. 2 MINI POTS & TRANS. \$1.25

K-2419 E & M SIGNAL UNIT WITH 8 DIODES, 2 TRANSISTORS, 19 RES. 14 CAP. 2 ELEC. CAP ETC \$1.

K-2409 GROUP DE-MODULATOR WITH 1 CRYSTAL, 5 TRANSISTORS, 4 DIODES, 26 RES. 4 MINI TANT CAP. 5 CAP. 3 MINI TRANS, FILTER ETC. \$1.50
[SIZE: 9x4 1/2 x 1 1/2; WT: 2 LBS. ALL USED

C-1 CONTROL BALLISTICS BOX; FOR BOMBING NAVIGATIONAL COMPUTER PT#654573; HAS 4 DIALS WITH CONTROLS CONNECTED BY GEARS TO AUTOSYN RESOLVERS SPERRY #6624-28 SIZE 1 1/2 x 1 1/2 5 EA. #662426 1 1/2 x 2 EA. #5663478 3x2 1/2 2 EACH. ROTARY BANK SWITCH 4 DECK 10 POS. SIZE 9x12x8; WT: 20 LBS. \$7.95



VIGANTIONAL AIR DATA COMPUTER SERVO AMPLIFIERS #SA 118H P.#107861, 1 TEST ADAPTER, POSITIONERS FOR JUMP ANGLE, TRUE AIR SPEED, DYNAMIC PRESSURE, AIR DENSITY, ANGLE OF ATTACK & MACH. SIZE: 9x5x17; WT: 40 LBS. USED \$18.95



ELAPSED TIME METER

ELAPSED TIME METER 0-9999.99 HOURS. CAN BE USED TO KEEP RECORD OF RUNNING OR OPERATING TIME OF ELECTRICAL, ELECTRONIC EQUIPMENT, INDUSTRIAL MACHINES ETC. RECORDS ELAPSED OPERATING TIME IN HOURS, TENTHS & HUNDRETHS. OPERATES FROM 40 VOLTS 60 CYCLE OR FROM 115 VOLT 60 CYCLE BY USE OF DROPPING RESISTANCE WHICH IS SUPPLIED. NUMBER VIEWER SIZE 3/4". USED IBM#74C503D; SIZE: 2 1/2 x 2 1/2 x 3 1/2; 2 LB. \$2.95



TELETYPE 5 DIGIT COUNTER, WORD METER ACTUATED BY 48 VDC RELAY, FOUR PULSES OF RELAY CHANGES COUNTER ONE DIGIT. ALSO 115 VOLT 60 CYCLE MOTOR, 60 RPM, 6.6 INCH OUNCE TORQUE. No. WM-200AB-60 SIZE: 5 1/2 x 5 1/2 x 6; WT: 10 LBS. USED \$6.95



MAGAZINE

MAGAZINE FOR RADARSCOPE IMAGE RECORDING CAMERA TYPE C-1A FOR THE 0-15 CAMERA SYSTEM. WITH 1-3/8 x 3 3/4" SPOOL.

SIZE: 3 1/2 x 5 9/16; WT: 8 LBS. PRICE: USED \$9.95



MAGAZINE

MAGAZINE FOR RADARSCOPE IMAGE OPTICAL TARGET RECORDING CAMERA TYPE C-7 WITH FILM SPOOL SIZE 1-3/8 x 2 1/2.

SIZE: 3 1/2 x 6 5/16; WT: 5 LBS. PRICE: USED \$9.95



CONTROL FOR DURATION TRIPPING PULSE PHOTO CONTROL SYSTEM E-1 VOLTAGE REQUIRED 24 VDC, CONTAIN DELCO 24 VDC P.M. MOTOR 10,000RPM CONNECTED TO A GEAR BOX ALSO A 3 DIGIT ELECTRIC COUNTER WITH MANUAL RESET, 2 - 24VDC RELAYS, START, STOP AND SINGLE EXPOSURE PUSH BUTTON SWITCHES, PILOT LIT & FUSE HOLDER. W/ SCHEMATIC

SIZE: 5 1/2 x 6 1/2 x 3 1/2; WT: 8 LBS. PRICE: USED \$8.95



EXPOSURE CONTROL

TYPE P-8 CONTROL BOX FOR CONTROL OF EXPOSURE FREQUENCY USED WITH CAMERA EQUIP. HAS 4 PAIRS OF CONNECTORS 2/ 11 CONDUCTOR, 2/ 15 CONDUCTOR, 2 POTIOMETERS, 2 WAFER SWITCHES, 4 FUSE HOLDERS, 6/ 28 VDC OPEN FRAME RELAYS, MISC CAPACITORS AND HARDWARE. SIZE 6x7 x9. WT; 14 LBS PRICE: \$8.95



COMPUTER SYSTEM



AMPLIFIER, ELECTRONIC CONTROL TYPE D-1; CHOPPER SAMPLING TYPE WITH TOROIDAL TRANSFORMERS WITH FEED-BACK LOOPS, 6 VOLT 400 CYCLE CHOPPER, 1/5814 & 1/5751 TUBES, SELENIUM RECTIFIER SUPPLY, RESISTORS, CONDENSERS ETC. W/ SCHEMATIC

VOLTAGES REQ. 255VDC, -35VDC, 6.3VAC, 115/400CY SIZE: 4x6x9; WT: 12 LB. PRICE: USED \$4.95

COMPUTER-POWER SUPPLY LA-15 CONTAINS 115 V 400 CYCLE P.S OUTPUT -35VDC & 210 VDC, 3 DECK 25 POS. WAFER SW. 3 POLE 25 POS. WAFER SW. 1 " 12 POS. WAFER SW. 33



PRECISION RESISTORS WIRED TO THE SWITCHES ALSO COND. RECTIFIERS, CONTROL ETC. W/ SCHEMATIC USED \$3.95



AMPLIFIER, ELECTRONIC CONTROL TYPE E-1; TORROID COIL TRANSFORMERS, K2701 CHOPPER ERROR SAMPLING & FEED-BACK COMMAND SIGNAL. 1/5751 & 1/5678 TUBE, TRANS. ETC.

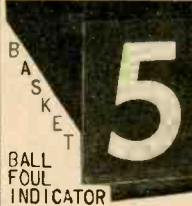
VOLTAGE REQ. 255 VDC, -22V, 6.3 VAC & 115V400C SIZE: 4x6x1 1/2; WT: 2LB. W/ SCHEMATIC U \$1.95

MOUNTING BASE FOR AMPLIFIER ASSY. LA-18; USED WITH CAMERA CONTROL SYSTEM LA-17, HOLDS COMPUTER P.S LA-15, CONTROL AMP. E-1 & D-1 DESCRIBED ABOVE CONTAINS 4 RELAYS 4PDT, SWITCHES FILTER, RESISTORS ETC. ALSO MATTING PLUGS FOR ABOVE UNITS. SIZE: 13 1/2 x 5 x 2; WT: 8 LBS.



\$3.50 BASE ONLY, WITH SCHEMATIC CONNECTOR PLUGS TO FIT BASE ONLY, EACH \$2.50 CONNECTOR PLUGS TO FIT UNITS " 1.00

DIGITAL DISPLAY



DIGITAL DISPLAY: EACH UNIT WILL SHOW NUMBERS 0 TO 9 ALSO \$ SIGN 3-3/16" HIGH ON 3 1/2 x 4 SCREEN THAT CAN BE SEEN FOR QUITE A DISTANCE. OPERATES FROM 6.3 VAC. CAN BE ADAPTED FOR BASKETBALL FOUL INDICATOR BY PLACING ONE OVER EACH SCOREBOARD AND HAVE A CONTROL PANEL CONSISTING OF 5 SWITCHES AND TRANSFORMER AT THE SCORER'S TABLE. (WIRING DIAGRAM FURNISHED ON REQUEST) CAN ALSO BE ADAPTED FOR USE AS A MOVING READOUT BOARD. SIZE: 3 1/2 x 5 1/2 x 1 1/2; WT: 7 LBS. PRICE: USED \$7.95 EACH 2 FOR \$15.00

SPECIAL TUBES



INFRA-RED IMAGE CONVERTER TUBE PERMITS SEEING IN THE DARK WITH LITTLE OR NO VISIBLE LIGHT. THIS IS ACCOMPLISHED BY MEANS OF INFRARED RAYS WHICH ARE DIRECTED AT THE OBJECT OR AREA TO BE VIEWED. WITH ASSOCIATED ACCESSORIES THIS TUBE CAN BE UTILIZED TO DO THIS PLUS MANY OTHER EXPERIEMENTS CAN BE TRIED IN OTHER AREAS. (DETAILS OF SNOOPERSCOPE SUPPLIED WITH PURCHASE.) SIZE: 1 1/2 x 1 1/2; WT: 4.0Z. PRICE: \$1.95 EA. 3 FOR \$5.00

PHOTOTUBE: SIMILAR TO VISTRON R-71, 90 VOLTS. WITH LEADS, SIZE 1 1/2 x 2 1/2. \$1.50
SIMILAR TO VISTRON R-50, 90 VOLTS. WITH LEADS, SIZE 5/8 x 1 1/2. \$1.00
TYPE 923 4 PIN BASE \$2.25
TYPE 930 OCTAL " \$2.25
LIGHT SENSITIVE SWITCH 12 VOLT; AS USED IN MIRROR-MATIC REAR VIEW 35¢ EA. 3 FOR \$1.00
GEIGER MULLER TUBE ID-85/2J1-20 \$5.95

SUPER PRO OSCILLATOR



MC-531 CRYSTAL OSCILLATOR KIT FOR BC-779 SUPER PRO. IS DESIGN TO STABILIZE THE OPERATION OF THE RECEIVER UNDER CONDITION OF VARYING LINE VOLTAGE AND CHANGING AMBIENT TEMPERATURE BY MEANS OF A CRYSTAL OSCILLATOR WHICH PROVIDES FOR CRYSTAL CONTROLLED RECEPTION AT ANY ONE OF THREE SIGNAL FREQUENCIES IN THE RANGE 1.5-20 MC. A 6AC7 IS USED IN A PIERCE OSCILLATOR. VOLTAGES REQUIRED; 270VDC AND 6.3VAC. 1 1/2 x 4 1/2 IN PANEL WITH CRYSTAL PHASING CONTROL AND CRYSTAL SELECTOR SWITCH. LESS CRYSTALS, W/ TUBE, 6AC7. SIZE 7x7x3 1/2, WT: 6 LBS. PRICE: REPAIR \$5.95

ARP RECEIVER



R-34/APR-2 RECEIVER 90-1000 MEGACYCLES, PROVIDES AUTOMATIC OR MANUAL SCANNING THROUGH THE FREQ. RANGE. ALL SIGNALS WITHIN THE RANGE CAN SIMULTANEOUSLY INDICATED VISUALLY ON THE DIAL AND GRAPHICALLY ON THE 1-3/8" SENSITIZED TAPE: TIME AT WHICH SIGNALS APPEAR IS ALSO RECORDED ON THE TAPE; DURING THE SWEEP CYC. WHICH MAY BE SET AT 1.5 OR 5 RPS. AUTOMATIC SWITCHING FOR LOW AND HIGH ANT. VOLTAGE REQ. 26 VDC & 80-120 V 400 TO 2600 CYC. WITH 18 TUBES, 5 ROLLS OF TAPE AND OPERATING INSTRUCTIONS.

SIZE: 21x10 1/2 x 8; WT: 50 LBS. UNUSED \$99.50
MT-171 SHOCKMOUNTING FOR ABOVE RECEIVER \$2.75
CONNECTOR PLUG ONLY \$1.50 WITH CABLE ... \$2.75

U.H.F. REC-TRANS.

TRANSMITTER-RECEIVER W/S CDN NO. 29 "B" SET APPROX 230 TO 245 MC. WITH SELF CONTAINED 12/24 VDC POWER SUPPLY. TWO PRE-SET CHANNELS IN THE FREQ. RANGE. (IDEAL SET FOR LOCAL NETTING. WITH TUBES 4/6AG5 2/6AK6, 2/6CA4 & 3/6J6. SIZE: 4 1/2 x 8 x 11; WT: 18 LBS. PRICE: USED \$18.95



WITH COVER

AMPLIFIER



AM-142/AIC AMPLIFIER USED IN LARGE AIRCRAFT AS A AUDIO LINE BOOSTER AND MIXER FOR THE INTER COMMUNICATION SYSTEM. INPUT IMPEDANCE 500OHM OUTPUT 600 OHM. OPERATES FROM 24 VOLTS D.C. USES ONE 26A7 TUBE. WITH TUBE & SCHEMATIC. SIZE: 5x5x2; WT: 3 LBS. PRICE: USED \$2.95

AMPLIFIER



RCA MI-22812 LATTICE AND SERVICE CHANNEL ADAPTER PANEL; RACK MOUNTING 19" AMPLIFIER USING 3/6AW8

TUBES, 115 VOLT 60 CYCLE POWER SUPPLY OUTPUT APPROX. 250 VDC @ 120 MA. USING SELENIUM RECTIFIERS. SIZE: 5" DEEP, 5" BEHIND PANEL & 6" IN FRONT. WT: 15 LBS. PRICE: UNUSED \$14.95

SERVO AMPLIFIERS



SERVO AMPLIFIERS FROM MD-2 ELECTRONIC CONTROL STABILIZATION BOMBING NAVIGATIONAL COMPUTER. PART No. DESIG. PART No. DESIG
658657 I H 656662 P H
672168 MAH 673097 MDH
658659 K H EACH UNIT
SIZE: 3 1/2 x 3 x 3; WT: 3 LBS. U \$2.95
658658 J H 658661 M H
658660 L H EACH UNIT
SIZE: 5 x 3 x 3 1/2; WT: 4 LBS. U \$3.95
CONNECTOR PLUGS EACH USED \$1



SA-235/APA-57 CONTROL UNIT HAS A SMALL GYRO CONNECTED TO CONTACT ARM THAT MOVES ACROSS A RESISTANCE CONTACTS WHICH WILL GIVE FOUR VOLTAGE READINGS IN RIGHT OR LEFT POSITIONS. ALSO HAS 24 VDC SEALED RELAY 2PDTCLARE SK5235, AMP. THERMAL RELAY 26C8, 7 POS. & 3 POS. WAFER SWITCHES. SIZE: 10x5x5; WT: 4 LBS. UNUSED \$4.95

WAVEGUIDES



R.F. OSCILLATOR ASSEMBLY P/O R/T-39 APG-5 RADAR SET, 2500 TO 2600 MC. REQUIRE 2C40 & 2C43 & 1B27 TUBES. HAS SPECIAL COAX. FEED LINES FOR UG TYPE CONNECTORS. SILVER PLATED ASSY. NO TUBES OR TUBE CAPS. SIZE: 9x4x4; 5 LBS. #2C2783 \$1.95

WAVEGUIDE COUPLER ASSY-DUAL DIRECTIONAL. FLANGE SIZE 1-7/8x1-7/8 WAVEGUIDE 1/2x1-1/8, DUAL GUIDES 9 1/2" LG. WITH PRESSURIZING ASSY. 5 LB IBM STK# 1280-779-5806 \$1.95



FLEXIBLE WAVEGUIDE FLANGE 1-5/8 x 1-5/8, GUIDE 3/8 x 1, LENGTH 5 FT. RUBBER COVERED. 5 LBS. #80006-BN-616-6000/5985-699-6808 \$4.95

WAVEGUIDE R.F. TRANSMISSION LINE MIXER 20.5 DB., FLANGE-5/8x1-5/8, GUIDE 3/8x7/8 ALSO 2 RECEPTACLES FOR UG-21 COAX. CONNECTORS. LENGTH 9 1/2"; WT: 2 1/2 LBS. #5840-216-4997 \$1.00

AMPLIFIER

AM-26/AIC AMPLIFIER; USED IN AIRCRAFT FOR AUDIO INTERCOMMUNICATION. CARBON MICROPHONE INPUT, 600 OHM AND 2000 OHM OUTPUT IMPEDANCE. WITH 2/12J5 & 2/12A6 TUBES. VOLTAGE REQUIRED 24 VDC FOR FILAMENTS AND 250 VDC @ 60 MA. MOUNTING BOR DM-32 DYNAMOTOR 24 VDC. (PAGE 9) SIZE: 9 1/2 x 4 1/2 x 5 1/2; WT: 8 LBS. PRICE: USED \$4.95



CJ-25/ART-13 TRANSMITTER ANTENNA TUNER FOR 200 TO 600 KC, CONSISTS OF A VARICOUPLER, 13 POSITION SWITCH WIRED TO A FIXED TAPPED COIL, ALSO .0008 5000 VOLT MICA CAPACITOR INSULATED COUPLINGS ETC. SIZE: 10x9 1/2 x 9 1/2; WT: 13 LBS. UNUSED \$4.95



UTILITY BLOWERS

THE BLOWERS LISTED BELOW ARE STANDARD SHADED POLE TYPE AND ARE QUITE RUNNING WITH NO RADIO INTERFERENCE.

50 & 100 CFM BLOWERS

For Heat Boosters, Dryers, Exhausters, Drafts

You can't buy a better blower for forced drafts for warm air heating systems, heat boosters, exhausters, dryers, etc. Lowest priced, best made blowers of their kind.

Single and twin types, 50 and 100 CFM respectively. Sturdy 3/4" dia. blower wheels are direct-driven by 115V, 60 Cy., quiet running Dayton motors. Steel housings are rubber mounted, 2 1/2" discharge. Outlet velocity is 2000 ft./min. 9" wire leads. Black finish. Shpg. wts. 5 and 6 lbs.

340 CFM TWIN BLOWER

For Hot & Cold Air Circulation, Exhaust, Etc.

Blower. Ideal for air circulation, forced draft, and exhausting jobs requiring more air than possible with single blower. Efficient, dependable and quiet. 4 1/4" dia. balanced wheels powered by 1550 RPM, 1 1/2 HP, 115V, 60 Cy. motor with 12" leads. Rubber mounted pressed steel housings with 3 1/2" outlets. Each outlet has 4 1/2" square flange to facilitate mounting. Outlet velocity is 1900 ft./min. 4 1/2" dia. air intake. 1 1/2" W x 8 1/4" H x 8 1/4" D. Black, baked-on enamel. You'll like this blower's performance and the way it is built. Wt. 12 lbs.

for this 275 CFM Dayton Twin Blower. Ideal for air circulation, forced draft, and exhausting jobs requiring more air than possible with single blower. Efficient, dependable and quiet. 4 1/4" dia. balanced wheels powered by 1550 RPM, 1 1/2 HP, 115V, 60 Cy. motor with 12" leads. Rubber mounted pressed steel housings with 3 1/2" outlets. Each outlet has 4 1/2" square flange to facilitate mounting. Outlet velocity is 1900 ft./min. 4 1/2" dia. air intake. 1 1/2" W x 8 1/4" H x 8 1/4" D. Black, baked-on enamel. You'll like this blower's performance and the way it is built. Wt. 12 lbs.

15 CFM BLOWER No. 2C782F \$ 8.75
100 CFM BLOWER No. 2C781F \$10.95

2C781 100 CFM 115 VOLT 60 CYCLE INTAKE 3/4" OULET 2-1/8" FL 4-1/8" SIZE 5-13/16" x 6-3/4" x 6-5/16" 8MPG. WT. 5 LBS. PRICE: \$10.95

2C782 15 CFM 115 VOLT 60 CYCLE INTAKE 2-7/8" OULET 1 1/2" FLG 2 1/2" SIZE 3-13/16" x 4" x 3-7/8" 8MPG. WT. 2 1/2 LBS. PRICE: \$8.75

108 CFM 'PANCAKE' BLOWER

Compact—Motor is Inside Blower Wheel

Dayton "pancake" moves 108 CFM where in installation space is limited. Only 4 1/4" wide—because motor has been built inside blower wheel. Fits into 4 1/2" x 8 1/4" H x 8 1/4" space. Discharge 3 1/2" W x 3 1/2" H. Outlet velocity 1500 ft./min. 4 1/2" dia. squirrel cage blower wheel and air intake. Steel, rubber mounted housing with baked on black enamel finish. 1550 RPM, 1 1/2 HP, 60 Cy. motor with 12" leads. Shpg. wt. 6 lbs.

140 CFM UTILITY BLOWER

For Exhausting, Forced Draft, Cooling, Etc.

Delivers blasts of air \$11.95

Com. pact, 140 CFM single-inlet blower. Top performance for forced draft, ventilating, exhausting, cooling and drying applications. 5 1/2" x 4" mounting flange with 2 1/2" square discharge. Outlet velocity is 3250 ft./min. 3 1/2" dia. blower wheel direct-driven by 2800 RPM, 1 1/2 HP, 115V, 60 Cy. motor with conduit box and 20" leads. 7 1/4" W x 7 1/4" H (less flange) x 6 3/4" D. Order sample and test best 140 CFM utility blower. Wt. 9 lbs.

350 CFM DAYTON BLOWER

4 1/2" Wheel, 1/10 HP, 115 V, 60 Cy. Motor

2C841F \$22.75

Designed for applications that require more coverage shaded pole blower provides ideal for many exhausting, heating, cooling, drying, circulating, etc. applications. 350 CFM at 0° SP, 3500 ft./min. outlet velocity in free air. 6 1/4" x 2 1/2" W blower wheel direct driven by 1/10 HP, 115V, 60 Cy. rubber mounted shaded pole motor. 190 7/8" dia. 1 1/2" W x 7 1/2" H x 6 1/2" D. Baked black finish. Shpg. wt. 12 lbs.

MINE

DETECTOR

SCR-425 Famous ARMY MINE-DETECTOR USED CHECKED LESS BATTERIES \$39.95

\$44.95 WITH BATTERIES BATTERIES ONLY \$5.95

USED TO DETECT HIDDEN METAL OBJECTS IN THE GROUND OR OTHERWISE HIDDEN UP TO 24 INCHES DEEP DEPENDING ON THE SIZE. AND GROUND CONDITIONS. DETECTION IS NOTED BY A TONE SIGNAL THAT IS FED INTO THE HEAD SET OR SPEAKER UNIT THAT ARE SUPPLIED WITH THE SET SHIPPED IN CARRING CASE WITH INSTRUCTIONS, 75 LBS

CRY BUTTONS REFLECTORS, CAN BE USED TO MAKE SIGNS OR MARKERS. SHINE WHEN LIGHT STRIKES 2" DIA. REQUIRES #10 NUT FOR MTC. NO. 15-1, CARD OF 100 \$2.00

CONNECTORS

PL-58 AND JK-37 THREE PRONG PLUG AND JACK. PLUG IS KEVED TO PREVENT INSERTING PLUG BACKWARDS. 2x3x1 1/2 EACH \$.59 PAIR 1.00

CONNECTOR PLUGS 15 CONTACT SIZE: 2 1/2 x 1 1/2 x 1 1/2 PER PAIR \$1.50 P-601

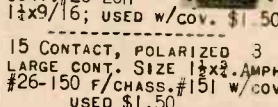
18 CONTACTS 2 1/2 x 2 x 1 P-2802 PER PAIR \$2.00

35 CONTACT CONNECTOR MALE #621905 FEMALE #407375 SIZE 2 1/2 x 1 NO COVER \$1.50 PR.

26 CONTACT MALE & FEMALE CONT. #26-20H 1 1/2 x 9/16; USED W/COV. \$1.50

15 CONTACT, POLARIZED 3 LARGE CONT. SIZE 1 1/2 x 2 AMPH #26-150 F/CHASS. #151 W/COV USED \$1.50

AUDIO FILTER



ELECTRO-VOICE XX3 FILTER IS AN AUDIO FREQUENCY FILTER THROUGH WHICH TWO AUDIO AMP ARE CONNECTED TO TWO SPEAKE SYSTEMS. THIS FILTER DRECT ALL BASF FREQUENCIES BELOW 300CPS TO ONE SIDE OF THE SYSTEM WHILE THE HIGHER FREQUENCIES ARE PASSED WITH OUT CHANGE TO BOTH THE SYS TEMS. IN A STEREO SYSTEM THIS ELIMINATES THE NEED FOR TWO FULL RANGE SYSTEMS. CAN BE ADAPTED FOR OTHER USES. WT. 8 LBS. 5 1/2 x 4 1/2 x 5 1/2 EVXX3F NEW. \$2.95

60 MC IF BROAD BAND USES 10 TUBES 5/717A, 3/6AK5 PANEL RELAYS, CABLES ETC. SIZE: 14x4x5; WT: 4 1/2 LB. USED STK # D-152229 PRICE: WITH 5/717A \$2.95 WITH 10 TUBES 6.50

PPI RADAR SYNCHRONIZER OFFSET CHASS- IS ASSY WITH TUBES 2/6AT6 1/6100, 1/6096, 1/6101, CERAMIC SOCKETS, 5 TEST PIN JAC PRECISION RES., COND. TRANS, SIZE 7 1/2 x 5 1/2 x 3; 4 LBS. \$1.50 STK. No. 1013 \$1.50

MX-303A MAGAZINE FOR WIRE RECORDERS ANQ-1A, VRW-1 ETC. W/WIRE ON SPOOLS, MAGNETIZING HEAD, TIMERS, SWITCHES ETC SIZE: 8x4 1/2 x 3; 5 LBS. RE-NEW \$1.95

COILS

EXPERIMENTERS ASSORTMENT ALL FOUR ITEMS FOR \$1.00

DUAL VARIABLE CAPACITOR & COIL ASSY, APPROX. 165 MC. DUAL VAR. CAP. COIL, ACORN SOCKET ETC. APPROX. 200 MC SLUG TUNED VARIABLE COIL ASSY FOR BROADCAST BAND RF & OSCILLATOR F/455Kc IF 1ST RF TUNING STAGE FOR PART OF BROADCAST BANDS, 3 VAR. CAP. COILS, COND. RESISTORS, WAFERS ETC.

BC-610 OSCILLATOR PLUG-IN UNITS FOR 500 WATT TRANSMITTE WILL MAKE A-GOOD FOUNDATIO FOR A 25-40 WATT TRANSMITTE CONTAINS VAR. CAPACITORS, COILS, KNOBS, SWITCH, CRYSTAL SOCKET ETC. (ALL UNITS ARE USED AND HAVE CRACKED INSULATION ON PLUG IN PINS TU-51 5.0 TO 6.3 MC. TU-50 4.0 TO 5.0 MC. SIZE: 2x8x4 1/2; 3LBS. \$1.50

COILS AIR TYPE BANANA PIN PLUG IN 3 1/2 x 4 1/2; 2 LBS \$1.95 EACH

COILS FOR BC-610 C-# MC C-# MC 455 1.0-1.5 454 1.5-2.0 387 2.0-3.5 389 4.5-5.7 447 8.0-11.0

FOR T-4/FRC 1543 11.7-14.8 2354 3.5-4.5 1541 3.5-5.1 20113 2.0-3.5

ART-13 VARIABLE CAPACITOR 50-200 MMF. 7000 VOLT 1.7 IN. AIR GAP WITH AUTO-TUNE GEAR ASSY. #C-125 USED SIZE: 5x5x12; 7 LBS. \$7.95

BUD COILS TRANSMITTING COIL MOUNTED ON 5 PIN CER AMIC BASE. 3C804 40 M PRICE: EACH COIL \$1.00

MEISSNER COIL KIT FOR SIGNAL SHIFTERS PLUG-IN TYPE 3 COIL OSC. PLATE, OSC. GRID & BUFFER, 5 & 6 PRO NG BASE. 3C2500-51 2040-2410 3C2500-52 2395-2835 3C2501-17 7000-7300 3C368 -14 1000-1170 PRICE: KIT (3) COILS \$1.

COMMAND SET COILS AVAIL. 85 KC IF \$1.50 7277 2830 " IF 1.50 R.F. SEC. 3-6 \$1.50 OSCILLATOR COILS 5855 1415 KC \$1.00 5856 2830 KC 1.00

465 KC I.F. COILS AS USED IN MARK 11 NO.19 RADIO SET. SLUG TUNED IRON CORE 1, 2, 3RD I.F #PC77366-7 \$.75 EACH

30 MC IF SLUG TUNED IRON CORE 2 1/2 x 2 1/2 #279643.8 50¢ EA.

BC 683 LCU 3 COIL

R.F. OSCILLATOR TUNING UNIT FOR BC-683 RECEIVER ALSO USED TO CONVERT BC-603

MASTER OSCILLATOR TUNING CAPACITOR FOR COMMAND TRANS. SINGLE ENDED SHAFT AND WORM GEAR DRIVE 32 PLATES STK# 2C6397A/C6 PT#C-63/5032 4x2 1/2 x 2 1/2 \$1.50

BC-221 FREQUENCY METER OSCILLATOR TUNING CAPACITOR 11.5-160 F. PYREX GLASS INSULATORS. DRIVEN THROUGH 360 BY WORM GEAR. WITH DIAL. 3x3x5 2 1/2 LBS. \$4.95

T-67/ARC-3 CI29 POWER AMPLIFIER PLATE TUNING 4-17 MMF, 2500 V .0243 AIR GAP. SHAFT 13/16 x .31; 1/7/8x2 1/2 \$1.50

BC-624/522 RECEIV ER, 3 GANG 6-36 MMF EACH SECTION WITH SLUG TUNED TRIM. SHAFT 5/16 STK#309036V SIZE 4 1/2 x 2 3/4; 1 LB. \$1.50

351-1013 3.5 TO 27 MMF, 13 PLATI SIZE 1-5/8x1-5/8 x 1-5/16, SHAFT 1 1/2 x 3/16; \$.75

CENTRIFUGAL BLOWER 120 CFM FROM 3400 R.P.M. 115V 60 CYC. CAPICATOR TYPE MOTOR WHICH REQUIRES 4MFD CAP. WT. 9 LBS. SIZE: 9 1/2 x 5 1/2 x 6 1/2 USED \$7.95

BUTTERFLY TYPE AS USED IN APR TYPE TUNERS. C-904 106-330 MC 4 1/2 DIA. 3" DEEP W/ACORN SOCKET F/955 TUBE. \$3.95

C-701 BUTTERFLY CAPACITOR 135-485 MC 4 1/2 x 2 1/2" \$3.95

C-706 BUTTERFLY CAPACITOR 300-1000 MC 2x2 1/2" \$2.95

1-3621 BUTTERFLY CAPACITOR 300-1000 MC 2x2 1/2" \$2.95

VARIABLE CAPACITOR 5 SECTION 20-402MMF EA. SEC. 7 1/2 x 3 x 3; 2 LB RE-EQUIP. #3DK9402-3 \$3.95

BC-924 TRANSMITTER COIL

SLUG TUNED COIL 27 TO 38 MC. WITH ADJUSTING DIAL & TUNING SCALE MOUNTED ON CAST BASE. SIZE 8x1 1/2 x 1 1/2, 1 LB. PRICE: 1.00

TCS VARIABLE CAPACITOR 2 SECTIONS 10-280 MMF 1 SECTION 10-360 MMF, 4" 3 BAND DIAL CALIBRATED 1.5-3 MC 3-6 MC & 6-12 MC. WITH GEAR ASSY & LOCK. SIZE 7x3x3 1/2; WT: 5 lbs. #W-881 PRICE: NEW \$3.95

VARIABLE CAPACITORS 100 WATT SIZE: 4 1/2 x 2 x 3 SHAFT 3/8 x 1/4

WT: 2 LBS. 31 PLATES 1/8 SPA T-7660443-P1 19 TO 116 MMF P-7761569-P4 23 TO 111 " M-7463006-1 22 TO 118 " PRICE: EACH \$1.95

T-7660443-P7 15 TO 81 MMF 7 PLATES, 1/8 SPACING, SIZE 3x2x2, SHAFT 3/4 x 1/2; 8oz. \$1.00

MANY OTHER VARIABLE CAPACITORS IN STOCK, ALL SIZES. TELL US OF YOUR NEEDS. NOTE

COMMAND RECEIVER VARIABLE 6 TO 9.1 MC. 3 GANG W/TRIMMERS & GEAR ASSY. APPROX. 62 MMF #6558. 4x3x3, WT: 2 LB. 3D9062 \$1.95

50 MMFD VARIABLE 7 PLATE 2 1/2 x 3 SHAFT, MTG. BRK. #351-1037 \$.79

PA TUNING CAPACITOR FOR COMMAND TRANSMITTERS WITH GEAR TRAIN & DOUBLE END SHFT SIZE 4x2 1/2 x 3. STK#2C6397A/C8 PT#C-65/7321 PRICE: \$1.50

VARIABLE CAPACITOR 7 SECTIONS 1/80, 4/100 & 2/200, DRUM DIAL. 1 1/2 x 1 x 3; 5 LBS. #CA-325/BC-223 \$2.95

BC-624 R.F. TUNER ASSY. AM WITH VARIABLE CONDENSERS, COILS, SOCKETS OSCILLATOR SECTION COUPLINGS ETC. FREQ. 100 TO 156 MC. SIZE: 5x5x5; WT: 8 LBS. #22K11150 USED \$3.95

MINIMUM ORDER \$3.00

SYNCHRO SELSYNS



GENERATOR (ANGLE TRANSMISSION) ROTOR 2 PHASE 24 VOLT, STATOR 2 PHASE 20.6 VOLT 400 CYCLE. PART #GC-15-DS-10; SIZE 1 1/2 x 2 1/4 (CLIFTON) \$2.95
 GENERATOR INDUCTION, 24 VOLT 400 CYCLE EASTERN AIR DEVICES #J23M07-40 \$2.95
 TRANSMISSION GENERATOR MFG. ARMA, TYPE 03TG-400X1, DWG #93054 \$2.95
 AUTOSYN RESOLVERS
 AY221S-3-B 400 CYCLE, ROTOR 2 PHASE 26 VOLT, STATOR 2 PHASE 11.8 V. BENDIX 1.95
 AY-123D BENDIX SAME SPECS AS ABOVE 1.95
 SERVO CONTROL MOTOR MFG. BY OSTER, 115 V. 400 CYCLE NO LOAD SPEED 5000 RPM. TORQUE 1.45 OZ. IN. \$2.95
 RESOLVER MFG. BY CLIFTON PART #BSC-15DS ROTOR 2 PHASE 0.5-16 VOLT, STATOR 0.5-16 VOLT 400 CYCLE. \$2.95
 RESOLVER TRANSMISSION GENERATOR, JOHN OSTER TYPE 15-4042-06, DWG. #C45 \$2.95
 RESOLVER MFG. BY ARMA, TYPE 03X1-400 DWG. #93001. \$2.95
 RESOLVER MFG. BY OSTER TYPE 15-4042-04 \$2.95
 AUTOSYN DIFFERENTIAL
 AY-165-A3 400 CYC, 3 PHASE 11.8-3 PHASE 1 - 1 RATIO. BENDIX 1.95
 AY-232S-36 BENDIX SAME SPEC. AS ABOVE 1.95
 AY-231S-38 " " " " " " 1.95



TS-452 SIGNAL GENERATOR 5-100Mc BY THE USE OF PLUG IN COILS, PROVIDES A CONSTANT SINE-WAVE RADIO FREQ. VOLTAGE 60-100 TIMES PER SECOND.
 THE TRAVELING DETECTOR PICKS UP THE SIGNAL TO BE TESTED WHICH IS AMPLIFIED AND APPLIED TO THE PLATES OF THE CR TUBE. THE MOST FREQUENTLY USED CONTROLS FOR THE SIGNAL GENERATOR INCLUDING THE OSCILLATOR, WAVEMETER, VERTICLE AMPLIFIER AND NINE STEP ATTENUATOR ARE ON THE FRONT PANEL, ADDITIONAL CONTROLS ARE PROVIDED THROUGH THE DOOR ON THE TOP OF THE CASE.
 SIZE: 19x9 1/2 x 16; WT: 60 LBS.
 PRICE: USED SERVICEABLE \$75.00



SYNCHRO GENERATOR SPERRY PT#R5663642 MFG. BY BENDIX FOR IBM. SIMILAR TO BENDIX OPERATES FROM 26 VOLTS 400 CYCLE SINGLE PHASE WHEN USED IN CONJUNCTION WITH BENDIX # AY-201 SYNCHRO CONTROL TRANSFORMERS IT WILL OPERATE UP TO 20 UNITS. WILL ALSO OPERATE FROM 6 VOLT 60 CY. WITH A SLIGHT LOSS. SIZE: 2 1/2 x 2 1/2; SHAFT 1/16 x 1/8; WT: 12 OZ. PRICE: NEW \$2.95 2 FOR \$5.00



AY-201 SYNCHRO CONTROL TRANSFORMER MFG. BY BENDIX, KETAY, CLIFTON ETC. ROTOR 1 PHASE 26 V 400 CYC. STATOR 3 PHASE 11.8 V. SIZE: 1 1/2 x 1 1/2, SHAFT 1/16; WT: 3 OZ. PRICE: RE-MOVED FROM EQUIP. \$1.95 EA.

P OR R ELEVATION COMPUTER ASSY; CONSISTS OF TWO SYNCHRO RESOLVER, KETAY #D-13810-1 0-100V 350 CPS, #D-13350-1 0-10 V. 400 CPS, KOLLSMAN INDUCTION MOTOR #1515J-0430, WE MAGNETIC AMP. GA-52140, FOUR TUBES IN SEALED CIRCUITRY, & B CONTROLS, TEST JACKS ETC. STK. # 15264 SIZE: 11x7x6; WT: 12 LBS. PRICE: USED \$6.95



KEARFOOT R-200 SYNCHRO CONTROL TRANSFORMER. ROTOR 26 VOLT 1 PHASE 400 CYCLE, STATOR 11.8 VOLT 3 PHASE. SIZE: 1 1/2 x 1 1/2, SHAFT 1/16 x 1/2; WT: 3 OZ. CONDITION REMOVED FROM EQUIPMENT. PRICE: \$2.95 EACH
 KEARFOOT SYNCHRO RESOLVER R-235, ROTOR 2 PHASE 26 VOLTS, STATOR 2 PHASE 11.8 VOLTS 400 CYCLE. SIZE: 1 1/2 x 3/4; SHAFT 1/16 x 1/8; 3oz. REMOVED FROM EQUIPMENT. PRICE: \$2.95

SELSYN SYNCHRO TRANSFORMER #78386 TYPE XV, 115 VOLT 60 CYCLE, SIZE 5 1/2 x 3 1/2, SHAFT 1 1/2 x 1/2; 5 LBS. UNUSED \$5.95
 SYNCHRONOUS TRANSMITTER TYPE VIII 50 VOLT 50 CYCLE 1 PHASE, SIZE 5 1/2 x 3 1/2, SHAFT 1 1/2 x 1/2 WITH ADAPTER. 6LBS. PART #5578411 PRICE: NEW \$8.95



SELSYN CONTROL TRANSFORMER #2J1G1, 57.5-57.5 V 400 CYCLE (WILL OPERATE FROM 36 V 60 CY) (SEE WIRING DIAGRAM NEXT PAGE) SIZE: 2 1/2 x 4 1/2; WT: 1 LBS. USED PRICE WITH CAPS \$3.95

2J1H1 SELSYN DIFFERENTIAL GENERATOR NORMALLY OPERATES FROM 57.5/57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 36 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM ON PAGE 31. SIZE: 2 1/2 x 4 1/2; WT: 8 OZ. PRICE WITH CONNECTOR CAPS..... \$3.95



1-196 SIGNAL GENERATOR 160 TO 220 MC USED TO CHECK LF & HF BANDS OF IFF SETS. DRY BATTERY OPERATION USES ONE 957 ACORN TUBE VARIABLE FREQ. & TONE CONTROL, PILOT LIGHT, ON/OFF SW. ETC. HOUSED IN WOOD CASE. SIZE: 8 1/2 x 8 1/2 x 14; WT: 10 LBS. REQUIRES 1.5 & 135 VDC. NEW \$2.95



RECEIVER TORQUE SYNCHRO 23TR4 115/90 VAC 400 CYCLE, TWO UNITS MOUNTED ON FRAME WITH NUMBERED DIALS 0-100 & 0-1000, SYNCHRO SIZE 4x2x2 PRICE USED \$15.00
 23TR4 RECEIVER 115/90 V. 400 CYC. USED \$7.95
 23TX4 TRANSMIT 115 V. 400 " " 7.95
 23CT4 CON. TRANS. 115 V. 400 " " 7.95
 23RS4A RESOLVER 90/90 V. 400 " " 7.95



23CX6 TRANSMIT 115/90 V. 60 CYC. NEW 10.00
 23CX6 " " " " USED 7.00
 23CT6 TRANSFOR 90/1V PER DEG 60CY " 7.00

DAYSTROM TRANSICOIL CONTROL MOTOR 115 VOLT 60 CYCLE, 1 PHASE, 2 PHASE 200 VOLT CT., 3200 RPM. SIZE 2 1/2 x 2, SHAFT SIZE 1/16 x 1/2 WITH GEAR, (REMOVED FROM NEW EQUIP.) PRICE: \$5.00



INDICATOR
 ML-117 INDICATOR, WIND DIRECTION AND SPEED. UNLIMITED WIND SPEED RANGE INDICATED BY ONE LIGHT, 0-360 DEG. WIND DIRECTION RANGE INDICATED BY 8 LIGHTS, FLASHING LIGHTS OR BUZZER INDICATORS, INTERRUPTER CURRENT ACTUATED, 110 V 60CY OR 6.8 VDC. (THIS IS ONLY THE INDICATOR, REQUIRES OTHER PARTS FOR OPERATION) FREIZ ITEM #18-1475. SIZE: 9 1/2 x 4; WT: 24 LBS. PRICE: RE-NEW \$12.95



SELSYN TRANSFORMER DIEHL #812732 115 VOLT 400 CYCLE. CAN BE OPERATED ON 60 CYCLE WITH CAPACITOR. RE-MOVED FROM EQUIPMENT. SIZE: 2 1/2 x 2 1/2 x 2 1/2; 3 LB. \$2.25



BC-929 INDICATOR OSCILLOSCOPE USED TO DETERMINE RANGE OF NAVIGATIONAL BEACON EQUIPMENT APN-2. HAS VERTICAL, HORIZONTAL, FOCUS, SWEEP AND INTENSITY CONTROLS. ANTENNA SWEEP MOTORIZED COAXIAL SWITCHING FOR SIGNAL DETERMINATION. WITH TUBES 1/3BP1, 2 6H6, 2/6SN7, 1/6G6, 1/6X5 AND 1/2X2. POWER REQUIRED 115 VOLT 400 CYCLE & 24 VDC. SIZE: 10x8x22; WT: 40 LBS. PRICE: USED \$12.95 SCHEMATIC \$1.00



SYNCHROSCOPE
 OS-29/UPM-4A PRECISION SYNCHROSCOPE EMPLOYING A THREE INCH CATHODE RAY TUBE. THE SWEEP OF THE CATHODE RAY TUBE CAN BE TRIGGERED EXTERNALLY OR INTERNALLY AND CAN BE DELAYED WITH EITHER TRIGGER. THE SWEEP DURATION AND, WHEN INTERNALLY TRIGGERED, THE SWEEP FREQUENCY CAN BE CONTROLLED. THE INPUT SENSITIVITY OF THE VIDEO AMPLIFIER CAN BE VARIED IN SIX STEPS FROM 0.2 TO 20 VOLTS PER INCH OF VERTICAL DEFLECTION. THE UNIT CONTAINS HIGH VOLTAGE POWER SUPPLY, BUT REQUIRES THE FOLLOWING VOLTAGES FOR OPERATION 300V, -27V, 425V, 105V. NORMALLY SUPPLIED BY POWER SUPPLY PP-802/UPM-4A, NOT AVAILABLE. SIZE: 22x19x10. WT. 50 LBS. OS-29/UPM-4A ONLY, RENEW. \$39.50



GENERAL ELECTRIC SELSYN CONTROL TRANSFORMER MODEL NO. 2J15N1 57.5-57.5 VOLTS 400 CYCLE. SIZE: 2x2x2: 1 LB. NEW \$4.95



MD-5B/APS-3 MODULATOR FOR SUPPLYING POWER TO RT-10/APS-3 TRANSMITTER CONVERTER IN PULSED FORM TWO MICROSECOND 350 CYC. ONE MICRO-SEC. 700 CYC. WHICH IS RECEIVED FROM THE RECEIVER-AMPLIFIER OPERATES FROM 115 V. 400 CYCLE. WITH TUBES 3/3B24, 1/3B26, 1/829B & 1/715. SIZE: 17 1/2 x 15 1/2 x 17 1/2; WT: 95 LB. USED \$50.
 R-18/APS-3 RECEIVER-AMPLIFIER USED \$39.50
 PP-12/APS-3 RECTIFIER " 29.50
 C-20/APS-3 AZIMUTH CALIBRATOR " 5.95
 MX-10/APS-3 DUMMY INDICATOR " 3.95



AZIMUTH INDICATOR
 1D-260/GRD AZIMUTH INDICATOR CONTAINS THE PHASEMETER WHICH PROVIDES THE BEARING INDICATION, AS WELL AS A NEON LAMP, 2" C.R. TUBE & SPEAKER. THE NEON LAMP & CR TUBE SHOW WHETHER OR NOT A DF SIGNAL IS PRESENT IN THE SYSTEM. HAS 2BP1 OSCILLOSCOPE SYSTEM WITH CONTROLS ON THE FRONT PANEL, 5" AZIMUTH PHASEMETER SELSYN TYPE INDICATOR & 3" SPEAKER. WITH TUBE 1/6AL5, 2/12AU7, 2/6AQ5, 1/12AX7, 2/6AU6, 1/20D1, 2/5Y3 & 1/0A2. OPERATES FROM 115 V. 50/60 CYC RACK MTG. 19x10 1/2 x 12; WT: 50 LBS. USED \$29.50



RADAR FREQUENCY AMP.
 R-9 RADAR FREQUENCY AMP. USED TO INCREASE OUTPUT OF TEST EQUIPMENT IN 2750-2950 MC RANGE. POWER APPROX. 6 WATTS FROM 2C40 TUBE. CONTROLS FOR POWER AND FREQUENCY. COMPLETE WITH TUBES 2C40, 6AN5, 5687, 12AT7, 2X2, 2/0A2, 0B2, 2/5Y3, 5EQ6. SIZE: 10 1/2 x 17 1/2 x 20. WT. 43 LBS. PRICE: \$19.95



BC-966 RECEIVER-TRANSMITTER 160 TO 211 MC. CODED SIGNAL FOR IFF FRIEND OR FOE IDENTIFICATION IN AIRCRAFT. WITH 13 TUBES 3/6H6, 3/7193, 7/6SH7, RELAYS, VOLTAGE REGULATOR, RESISTORS, CONDENSERS ETC. LESS DYNAMOTOR. SIZE: 12x13x9; WT: 43 LBS. USED \$4.95



AUDIO AMPLIFIER 3 CHANNEL USED WITH WIRE RECORDER BC-1323. HAS 7 OUNCE TRANSFORMERS, 10/9001, MOUNTED ON CHASSIS 10x5x5 w/CONDENSERS RESISTORS ETC. WT: 8 LBS. #1323A/A RE-MOVED \$4.95



MD-16/TPS-3 MODULATOR, RADAR TYPE P-3E EMISSION, RESONANT CHARGING SYSTEM THRU TYPE E LINE THAT IS DISCHARGED THROUGH SPARK GAP & PULSE TRANSFORMER, 500 OHM INPUT, 8 KV OUTPUT, 200 PULSES PER SEC., 1.2 SEC. DURATION. WITH TUBES 2/705 & 1/1B32-532. OPERATING VOLTAGE 115 V. 400 CYC. SIZE: 12 1/2 x 14 1/2 x 11; 125 LB. PRICE: RE-NEW \$16.95



1-82A 5" INDICATOR
 1-81A 3" INDICATOR
 1-82A INDICATOR 5" ILLUSTRATED TO LEFT ABOVE 0-360 DEGREE SCALE CONTAINS A MATCHING AUTOSYN MOTOR TO BE USED WITH THE LP-21LM LOOP. OPERATES FROM 26 V 400 CYC. (60 CYC SEE BELOW)
 1-81A INDICATOR 3" ILLUSTRATED TO RIGHT ABOVE 0-36 DEGREE SCALE CONTAINS A MATCHING AUTOSYN THAT WAS USED WITH THE LP-21LM LOOP. OPERATES FROM 26V 400 CYC. (60 CYC. SEE BELOW)
 1-82A INDICATOR 5" USED \$7.95 RENEW \$7.95
 1-81A INDICATOR 3" USED \$3.95 RENEW \$4.95
 PL-118 CONNECTOR PLUG FOR INDICATORS 2.50 EA



STARK VTVM TA-1

STARK VACUUM TUBE VOLTMETER MODEL TA-1 MEASURES THE FOLLOWING QUANTITIES. AC AND DC VOLTAGES (PLUS AND MINUS) 3, 12, 30, 120, 300, 1200 VOLTS; CURRENT RANGES 3, 12, 30, 120, 300 1200 MA. RESISTANCE RANGES Rx1, Rx10, Rx100, Rx1K, Rx10K, Rx100K, Rx1M. CAPACITANCE Cx100uf, x10 x100uf, x10uf, x1uf. C-2 100uf C-1 10uf. 115v 60cyc 7x9x12 18 LBS W/AC AND DC PROBES.



Used \$40.00

TEST SET

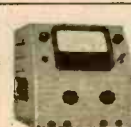


1173 TEST SET: SPARK GAP OSCILLATOR USED FOR PRE-FLIGHT CHECKING OF LOCALIZER RECEIVE PROVIDES A 90 OR 150 CPS MODULATION CARRIER FOR THIS USE. USES 3 VOLT BATTERIES.

SIZE: 11x7x4; WT: 10 LBS. PRICE: USED \$6.95



CANADIAN PERFORMANCE TEST SET TYPE QE1740. PORTABLE UNIT FOR CHECKING SARAH BEACONS RB55 ETC. CONSISTS OF A RECEIVER USING TUBES 2/CV2361 AND TRANSMITTER CV-468 FOR CHECKING AT APPROX. 244 MC. WITH VARIABLE TUNING ON EITHER SIDE. PHONE JACK FOR REC. BUT THE TRANS. IS FOR USE WITH AN EXTERNAL CODING DEVICE WHICH IS NOT SUPPLIED. HAS 3 1/2" 0-200 D.C. MICROAMP. METER WITH METERING SWITCH FOR CHECKING VARIOUS CIRCUITS. POWER REQ. 90 & 420 VDC. WITH TUBES AND ANTE NNAS IN CARRING CASE. SIZE: 15x8x9; WT: 10 LBS. PRICE: USED \$14.95



CRITERION E6300 VTVM MFG. BY CANADIAN RESEARCH INSTITUTE. RANGES: ACV: 0-3, 12, 30, 120, 300, AND 1200 V. DCV: 0-3, 12, 30, 120, 300, 1200VDC MA: 0-3, 12, 30, 120, 300, 1200MA OHM: Rx1, Rx10, Rx100, Rx1K, Rx10K, Rx1MEG.

CAPACITANCE SCALES: Cx100uf, Cx10uf, Cx1uf Cx0.1uf, Cx0.01uf, Cx0.001uf. Cx100uf. METER 4 1/4" IN. SIZE: 8x8x13. WT: 18 LBS. 115VOLTS 60 CYC. \$45.00



SIGNAL GENERATOR MODEL #OAV-1 150 TO 250 MC VARIABLE OSCILLATOR USING 9002 TUBE, MULTIBIBRA TOR STAGE USING 6SL7 AS A GENERATOR AND 6AG7 AS A SQUARE WAVE AMPLIFIER, VARIES THE OSCILLATOR THERE MODULATING THE SIGNAL IN STEPS .1-1-10 AND 100 KC. THERE IS ALSO A 15 MC SIGNAL FOR ALIGNMENT PURPOSES. VOLTAGE REQUIRED 115 V 60 CYC. WITH TUBES 1/5Y3, 1/6SL7, 1/9002 & 1/6AG7. SIZE: 20x14x10; WT: 65 LBS. USED TO CHECK RADAR RECEIVER CG-46ACQ PRICE: USED SERVICEABLE \$25.00

TRANSMITTING EQUIP.



RC-263 TRANSMITTING EQUIPMENT; 1.5 TO 10 MC CRYSTAL CONTROL OR M.O. ON ANY 4 PRESELECTED CHANNELS WITH LOCAL OR REMOTE DIALING OF "ON" OR "OFF" CHANNEL SELECTION ETC. 75 WATT C.W 50 WATT PHONE. POWER REQ. 100 TO 260 V. 25-60 CYCLE FOR OPERATION OF THE BUILT IN POWER SUPPLY. THE BC-1100 TRANSMITTER CAN BE OPERATED REMOTELY AND COMES WITH TUBES 6/6L6, 3/807, 1/VR-150, 1/5Z3 & 2/RK-60. THE RM-40 CONSISTS OF AMPLIFIER W/LINE LEVEL METER, MICROPHONE CIR. SWITCHING AND PULSE DIAL CIRCUITS TO CONTROL THE TRANS. WHICH CAN BE DONE OVER TEL. LINES. WITH TUBES 2/6J5 & 1/80. TRANS. SIZE: 18x40x30; WT: 411 LBS. REMOTE " " 10x14x13; WT: 50 LBS.

SPARE PARTS BOX CONTAINS THE OPERATING TUBES, SPARE TUBES 16 SAME AS USED IN EQUIP. 2 HAND TYPE CHROME, CARBON MICS. 100 OHM, 7 METERS, 8 RELAYS, 1 SWITCH, 25 RESISTORS, 20 CONDENSER 110 FUSES, 2 RECT. 2 RHEO. 2 POTS, 24 LAMPS ETC ALSO 2 MANUALS. SPARE PARTS BOX WEIGHT 72 LBS PRICE: BC-1100, RM-40 & SPARE PARTS \$195.00 WITH BC-1100 & RM-40 W/OPERATING TUBES \$150 MANUAL BC-1100 W/OPERATING TUBES \$125.00 RM-40 REMOTE CONTROL UNIT ONLY \$35.00

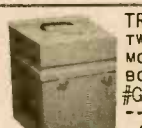


TS-239 OSCILLOSCOPE.

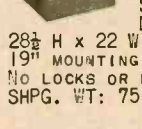
GENERAL PURPOSE INSTRUMENT FOR TESTING RADAR & COMMUNICATION EQUIPMENT. DISPLAYS A LUMINOUS PLOT OF TIME-VARYING VOLTAGE PULSE OR WAVE ON A 3" CR TUBE. SINE WAVE OF 10 CYC TO 5 MC ARE OBSERVABLE. INPUT IMP. 300M OHMS W/30 MMFD CAP. SIGNAL INPUT SCOPE ONLY .1 TO 100 VOLTS PEAK. OUTPUT TRIGGER PULSE 1/2 25 V. 4 MICROSEC. DUR FREQ. RANGE 1 CYC TO 3 MC. PULSE DISPLAY .2 TO 5M MICROSEC. INTERNAL SQUARE WAVE 150 CYC PER-SEC. ADJ. .1 TO 1 VOLT. ALSO 75 VOLT SQ. WAVE. SENSITIVITY .1 VOLT PRODUCES STAND. DEFLECTION W/MAX. AMPLIFICATION. CONTROLS & CONN. ON FRONT PANEL. SIX STEP MULTIPLIER EXTENDS RANGE 300 TIMES. SWEEP ADJ. .1 TO 50M MICROSEC. POSITIVE OR NEGATIVE POLARITY. WITH USE OF PROBE INPUT IMP. MAY BE INCREASED TEN TIMES WITH LOSS OF SENS. AND INCREASE IN VOLTSGE TO 450. WITH TUBES 3/6AK5, 2/6AG7, 2/6C4, 8/7F8 1/6AL5, 2/6SN7, 1/VR-105, 2/6X5, 1/5R4 & 1/3JPI SIZE: 21x16x13; WT: 75 LBS. PRICE: USED CHECKED \$69.50 NOT CHECKED \$55.00



STEEL CABINET 20 1/2x8x9, OPENS AT TOP, FRONT PANEL CUT OUT 11x4 ALSO 7/16 HOLE IN THE CENTER FRONT BOTTOM, SIDES LOUVRED, ROUNDED FRONT SIDES & TOP. 15 LBS. \$2.95 #CEC



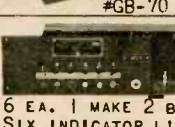
TRANSIT CARRING CASE; ALUMINUM 4 TWIST TYPE HASPS THAT HOLD ON REMOVABLE COVER SEC. SIZE 12x12x4, BOTTOM SEC. 12x12x1 1/2; WT: 10 LBS. #GEP-22 PRICE: \$5.00



STEEL CABINET WITH DOORS FRONT & BACK 28 1/2 H x 22 W x 17 D STANDARD 19" MOUNTING RAIL IN CENTER. NO LOCKS OR HANDLES ON DOORS. SHPG. WT: 75 LBS. USED \$9.95 #CAB-101



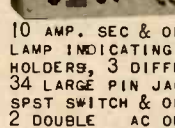
GRAB BOX: ASSORTMENT OF NEW AND USED USEABLE ELECTRONIC PARTS AND ASSEMBLIES SUCH AS MOTORS, TRANSFORMERS, RESISTORS, CONDENSERS, COILS, CONTROL BOXES, SWITCHES ETC. PACKED IN CARTON OF AT LEAST 50 LBS. (A GOOD FILLER FOR WHEN YOU BUY OTHER MATERIAL AND IT IS MORE THAN 50 LBS AND LESS THAN 100) #GB-70 PRICE: 50 LBS. \$5.00 100LBS \$9



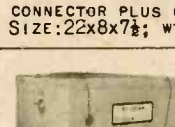
MR-160 OPERATORS CONTROL PANEL HAS EIGHT TELEPHONE TYPE LEVER SWITCHES, 6 EA. 1 MAKE 2 BREAK; 2 EA. 2 MAKE/OFF/4 MAKE SIX INDICATOR LIGHTS, THREE CIRCUIT PHONE JACK. STANDARD 19" RACK MOUNTING, 4 1/2" HIGH & 8 1/2" DEEP; WT: 14 LBS. PRICE: USED \$8.95



SB-506/GPA-37 PANEL, TEST, ELECTRICAL. WITH TRANSFORMERS 105, 110, 120, 125 VOLT 60 CYCLE PRIMARIES, ONE 6.6 V 10 AMP. SEC & ONE 6.6 V. 2.3 AMP. SEC., 13 LAMP INDICATING FUSE HOLDERS, 6 STANDARD FUSE HOLDERS, 3 DIFFERENT COLOR PILOT LIGHTS 7/8", 34 LARGE PIN JACKS, 10 SMALL PIN JACKS, ONE SPST SWITCH & ONE DPDT SWITCH, 2 VOLUME CONT. 2 DOUBLE AC OUTLETS AND ONE 13 CONTACT CONNECTOR PLUS OTHER CONNECTORS & SOCKETS. SIZE: 22x8x7 1/2; WT: 35 LBS. PRICE: RE-NEW \$9.95



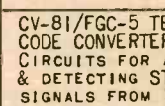
RT-35/AM RADIOSONDE TRANSMITTER - RECEIVER 675 TO 725 MC, USED FOR WEATHER AND RADAR OBSERVATION WITH 4/1L4 & 1/2C35 TUBES. VOLTAGE REQ. 90 VDC & 1 1/2 VDC SIZE: 3 1/2x4 1/2x10; WT: 5 LBS. PRICE: NEW \$3.95



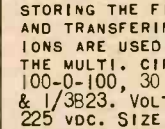
TT-58/FGC-5 TRANSMITTING SIGNAL DISTRIBUTOR. IMPULSE DISTRIBUTOR WITH DRIVING PULSE AMPLIFIER, CHANNEL PULSE AMPLIFIER, MATRIX TUBE CIRCUIT, CHANNEL KEYING MIXER & OUTPUT SIG. AMPLIFIER WITH AUTO. STARTING CIRCUIT. WITH TUBES 19/12A7, 10/5663. SIZE: 19x7x14 1/2; WT: 18 LBS. PRICE USED \$16.95



TIMER 365 DAY CALENDER CAN BE PROGRAMED FOR ENTIRE YEAR. USED BY THE CITY OF NEW YORK TO TURN ON AND TURN OFF THE STREET LIGHTS WINTER AND SUMMER. OPERATES FROM 115 VOLT 60 OY SWITCHING DEVICE IS 115 VAC SWITCH SPST 20 AMP CONTACTS. WEATHER PROOF CASE WITH MOUNTING LUGS. SWISS MECHANISM WITH HAYDON TIMER MOTOR. SIZE: 9x4 1/2x2; WT: 5 LBS. USED SAUTER TYPE ASTRONOMIC ZYB \$4.95



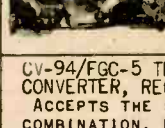
CV-81/FGC-5 TELEGRAPH CODE CONVERTER TRANS. CIRCUITS FOR ACCEPTING & DETECTING START-STOP SIGNALS FROM 1 CIRCUIT STORING THE FIVE ELEMENT CODE COMBINATIONS AND TRANSFERING THE STORED SIGNALS TO POSITIONS ARE USED BY THE TRANS. SIG. DIST. IN THE MULTI. CIR. WESTON 3 1/2" METER 301 DC MA 100-0-100, 30 TUBES, 19/5663, 5/12A7, 5/12AU7 & 1/3B23. VOLTAGE REQ. 6.3 VDC -115 VDC & 225 VDC. SIZE 19x7x13; WT: 23 LBS. \$16.95



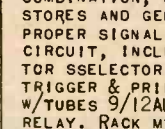
A-1C SIGHT COMPUTER-GUN-BOMB-ROCKET; CONTAINS 2 GYROS, ONE VERTICAL AND ONE HORIZONTAL ALSO SERVO MECHANISM, SWITCHES THERMOSTATS, BEARINGS, GEARS AND MANY OTHER PARTS FOR THE HOBBIST. SIZE: 11x13x9; WT: 15 LBS. PRICE: RE-COND \$9.95



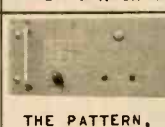
CV-94/FGC-5 TELEGRAPH CODE CONVERTER, RECEIVING GRP. ACCEPTS THE SIGNAL CODE COMBINATION, MOMENTARILY STORES AND GENERATES THE PROPER SIGNAL TO BE SENT ON TO THE START-STOP CIRCUIT, INCLUDES 6 INPUT SIGNAL LAMPS, MONITOR SSELECTOR, OUTPUT JACKS FOR MONITOR SCOPE TRIGGER & PRINTER, 3 1/2" METER 100-0-100 MADC W/TUBES 9/12AU7, 3/12A7 & 13/5663 & MERCURY RELAY. RACK MTG. 19x7x13; WT: 22; USED \$16.95



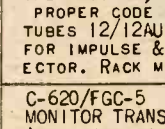
TT-64/FGC-5 RECEIVING SIGNAL DISTRIBUTOR: ACCEPTS THE AMPLIFIED MULTIPLEX SIGNAL FROM THE CONTROL MONITOR, DETECTS THE PATTERN, INVERTS TO NORMAL AND SENDS PROPER CODE COMBINATION TO CONVERTERS. W/ TUBES 12/12AU7, 4/12A7, 10/5663, 2 PUSH SWITCH FOR IMPULSE & CHANNEL PHASING & MONITOR SELECTOR. RACK MTG. 19x7x13; 22 LBS. USED \$14.95



C-620/FGC-5 CONTROL MONITOR TRANS. GROUP AMPLIFIES SIGNALS FROM TRANS. SIG. DIST. COUPLES OUTPUT TO MULTIPLEX TRANS. CIR. NECESSARY CONTROLS, SWITCHES & LIGHTS TO DO THIS ALSO WESTON METERS 301, 3 1/2" 0-100 MA DC AND MULTIPLEX DRIVE FREQ. METER CALB. CYC PER. SEC. 60 & 75 WPM. 0-1 MA. DC. BASIC.FS. W/ TUBES 5/6SN7, 2/6V6, VOLTAGE REQ. 6.3 VDC, -115 VDC & 225 VDC. W/SCHEMATIC. SIZE 19x7x13; WT: 23 LBS. \$18.00



KY-65/ARA-26 AUTOMATIC KEYER; MOTOR OPERATED 24 VDC, S.O.S CODE WHEEL AND EXTRA WHEEL FOR MAKING OWN CODE, ADJUSTABLE 5-30 SEC. THREE 24 VDC RELAYS, GEAR TRAIN RES. ETC. SIZE: 6 1/2x3 1/2x4; WT: 4 LBS. \$6.95 CONNECTOR PLUGS, 3 REQ. EACH \$1.50



FGC-29 RECEIVER FROM TELEGRAPH DIVERSITY MULTIPLEX SYSTEM. CONSISTS OF TWO IDENTICAL RECEIVERS CONTAINING BAND PASS FILTER, DELAY AMPLIFIER, AUTOMATIC GAIN CONTROL AND VARISTOR CONTROL CIRCUITS...THE FILTER PASSES FREQ. 50 CYCLES BELOW AND ABOVE THE RANGE OF 1785 TO 2975 CPS DEPENDING ON THE CHANNEL, THE INPUT IMPEDANCE OF THE FILTER IS 600 OHM. OUTPUT 100,000...THE DELAY AMPLIFIER IS A TWO STAGE WITH MAX. SIG. DELAY OF APPROX. 6.5 MILLISEC. AND MAX. VOLTAGE GAIN OF 13 DB... AGC AMPLI. CONTROL LEVEL OF THE SIGNAL AND ASSOC. CONTROL VARISTORS OPER. TOGETHER IN A 2 CHAN. DEVERSITY TO MODIFY THE SIGNAL LEVELS THAT ARE FED TO THE COMBINER. WITH TUBES 2/2021, 4/5814, 6/5751 & 4/1N-45, 19" RACK MTG. VOLTAGE REQ. POWER SUPPLY 115/230 V 50/60 CYC SIZE: 19x7x18; WT: 50 LBS. PRICE: USED \$22.50

INSULATORS



STAND-OFF
STK#TM-1016SO; DIA. 1 1/2", 4" LONG, 1/2-20 THREAD, 3/8" MTG. 2 LB. PRICE: \$3.50
STK.#3G1300-8002; DIA. 1 1/8" LONG, 1/2-20 THREAD, 3/8" DEEP. 1LB. \$2.50

STK.#3G1300-128; 1 1/2" DIA, 8" LONG, 1/2-20 THREAD, 3/8" DP. 2 1/2" IN. MTG. \$3.50

STK.#INS.1014; FEED-THRU 4" LONG 3/8" HOLE, 7/8 DIA. WITH NECK. PRICE: 25¢

STK.#3G2001-6; FEED-THRU 6" LONG 1/2" HOLE, 9/16 DIA. NO NECK. PRICE: 35¢

STK.#INS.#1015; FEED-THRU BRASS BOLT 6 1/2" LONG x 1/2" W/NUTS, SPLIT INSULATOR FOR 3/8" THICK MOUNTING WITH CORK WASHERS, OVERALL LGTH 3 1/2"x2, WT: 2LB. \$2.50

STK.#3G584 IN-84 FEED-THRU CONICAL SHAPE, 5" LG. O/A; 2 CONICAL SHAPED 1-1/8 LG. X 1 1/2" DIA. AT BOTTOM, 1" AT TOP, 1/4" DIA. ROD WITH 1/4 20 THREAD WITH NUTS/WASHERS 1/2 LB. 25¢ EA. 5 FOR \$1.00

SIMILAR TO ABOVE CONICAL BOTTOM INS. 3/4x3/4x1 1/2; TOP 3/4x1-1/8x1 1/2; 3/16 BOLT 3" LG W/NUTS & WASHERS. 1/4 LB. 35¢ EA. 3 FOR \$1.00
STK#IN-1017



3G138-20.11 RIDGED CONICAL 2" BASE, 3/4" TOP, 1 1/2" LONG, PUSH SPRING TYPE BINDING POST ON TOP, WHICH CAN BE REMOVED AND BOLT INSERTED. 1/2 LB. 35¢ 3 FOR \$1.00

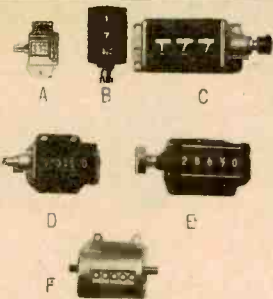
STK.#IN-1018 CONE INSULATOR SIZE 1x2x5/8, 10/32 SCREWS EA. END. 1/2 LB. 35¢ EA. 3 FOR \$1.00

STK.#CBJ61023 ENTERING INSULATOR, CERAMIC 2 1/2x2, CADMIUM PLATED MOUNTING RING 3 1/2" WITH 6 MOUNTING HOLES, GASKET, 4" 1/4-20 THREAD BRASS BOLT WITH NUTS. 1/2 LB. 39¢ EACH 3 FOR \$1.00

STK.#IN-1019 STRAIN INSULATOR SIZE 4x2 1/2x2 1/2; 1/2" STRAIN HOLDS OPPOSITE POSITION. WT: 1 LB. 39¢ EACH 3 FOR \$1.00

ART-13 TRANSMITTER ANTENNA INSULATOR PANEL; 1 EA. 3 1/2x4 OBLONG WITH 2 ISOLATED SPRING TYPE BINDING POST, ONE 1/2x1 CONICAL INS. WITH PUSH POST AND ONE 3/8x3/4 INS. W/ PUSH TYPE BINDING POST. 1LB COMPLETE ASSY. \$1.00

COUNTERS



- A. 3 DIGIT COUNTER. 1/8" SHAFT. EACH NUMERAL 1/8 IN. SIZE: 1 1/2"x1 1/2"x1 1/2". STK#CBSH334 \$.75
- B. 3 DIGIT COUNTER. FOR VERTICAL MOUNTING. 3/8 IN. GEAR ON SHAFT. EACH NUMERAL 1/8". 1 1/2"x1 1/2"x1 1/8 STK#CBSH173 \$.79
- C. 3 DIGIT COUNTER WITH BEVELED GEAR 2 1/2"x1 1/2"x1 1/2. NUMERALS 1 1/2"x1 1/2". STK#CBSH177 \$1.00
- D. 3 DIGIT COUNTER W/DIGITS 10THS, ONES, TENS. 100 THS DIGIT REMAINS 0. 1/8 IN. NUMERALS. 2 1/2"x1 1/2" STK#CBSH9030 \$.75
- G. THREE DIGIT COUNTER WITH BEVEL GEAR OPEN FRAME BACK, LEFT DRIVE. SIZE 1x3/4x3/4, MTG. MASK 1x1. STK#G32163 \$.50
- F. 5 DIGIT COUNTER W/3/16 IN SHAFT EXTENDING 1/2" AT EACH END. 99999-0 DESCENDING ONLY. 1/8" NUMERALS. 1 1/2"x1 1/2"x1 1/2" STK#CBSH00000 \$1.00

THREE DIGIT COUNTER, GEAR ON END OF 1 IN. SHAFT. 3x1 1/2x1 1/2; 1LB.#RIX-D \$1.00

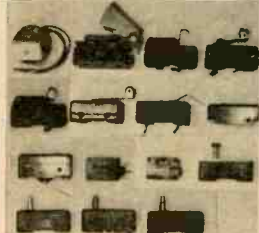
THREE DIGIT COUNTER OPEN TYPE, BEVEL GEAR STK.#773 \$.50

TELEPHONE JACK STRIPS

- #4C4426-14 TWENTY JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J-2. KEL#261 \$2.80
- #4C4322-25 TEN JACKS 3 CONDUCTOR, CONTACT ARRANGEMENT J-2-1A; \$1.95
- #4C4426.11 TWENTY JACKS 3 CONDUCTOR, CONTACT ARRANGEMENT J-2, NUMBERED 0-19 \$2.50
- #4C4436.92-2 TWENTY JACKS 3 CONDUCTOR, CONTACT ARRANGEMENT J2, NUMBERED 20-39. KELLOG #369 \$2.50
- #4C4692.2 TEN JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J2 WECO#92 TYPE139 \$1.95

3G1830-67076 ENTERING INSULATOR, BOWL 4-3/8" HIGH, 6-15/16 AT BASE, 1 1/2" ROD 3/8 BRASS WITH NUTS MOUNTING RING 3 SEC. 8-3/4" DIA. W/ 6- HALF INCH NUTS & BOLTS 2 1/2" LG., BELL CAP 6" DIA. 10 LBS. \$5 EA. 3 FOR \$12.00

MICRO SWITCHES



SPDT; 1EA2, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER. 1 1/2" DIA. 1 3/8" HIGH. .30
DPST; 40B10094, NORMALLY OPEN. LARGE, SPRING-LOADED LEVER PLUNGER. 2 1/2"x2 1/2"x1 1/2". .60
SPST; WHET349A-1, NORMALLY OPEN, LEVER PLUNGER. 2"x1" x5/8". .30
SPDT Micro V3-54, 1 NO. OP OTHER NO. CL. 125VDC 10A. 125AC. 5/8x3/8x1-1/8 STK#PS852-V3-54 \$.60
SPDT GE#2332911 1 NO. OPEN 1 NO. CLOSED. 1 1/2"x5/8 STK#PS904G-2332911 \$.60

DPDT; MS2500B, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. EXTENDED BUTTON PLUNGER. 2 1/2"x2"x1" 1.50

SPDT; YZ-3RLTC2, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. STRAIGHT LEVER PLUNGER. 2"x7/8"x11/16". .25

SPST; WZ-RTC2, NORMALLY CLOSED. PIN PLUNGER. 2"x2 1/2"x2 1/2". .35
SPDT; BZ-3R-A2, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER. 2"x1" x2 1/2". .30

SPDT; 2MD3-1A, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER. 1 5/8"x2 1/2"x2 1/2". .45

SPST; 2MC3-1A, NORMALLY CLOSED. PIN PLUNGER. 1 5/8"x2 1/2"x2 1/2". .45

SPST; SW-186, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2"x2 1/2"x5/8". .25
SPST; G-RS, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2"x2 1/2"x5/8". .40

SPST; MO7-102T, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2"x2 1/2"x5/8". .40
SPST; WZ-RS9, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2"x2 1/2"x5/8". .40

KNIFE SWITCHES

SWITCH SW-223 DPDT HEAVY DUTY 1" SQ. 2 1/2" STAND OFFS. 8x4x3; 5LB #3ZK8223 \$2.50

SWITCH SW-224; SIMILAR TO THE ABOVE SWITCH, BUT SPST. 8x4x2; 2 LBS. 228224 \$1.50

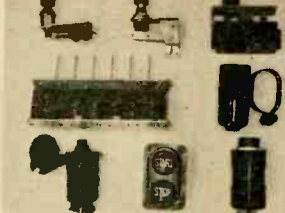
DPST PORCELAIN KNIFE SWITCH BY RODALE 123. 2 1/2"x1 1/2"x1 1/2". KNSW04 .35

SPST KNIFE SWITCH. BASE 1 1/2" LONG. 3/4" HIGH. BAKELITE. KNSW01 .25
SPDT KNIFE SWITCH. BASE 1 1/2" LONG. 3/4" HIGH. BAKELITE. KNSW02 .35
DPST KNIFE SWITCH. BASE 1 1/2" LONG. 3/4" HIGH. BAKELITE. KNSW03 .35

PUSH SWITCHES



ONESIDE SPST NORMALLY OPEN, THE OTHER SPST CLOSED. 1A/125. PSW001 .35
SPST NORMALLY OPEN; 3A/250. PSW002 .35
DPST NORMALLY OPEN; 3A/250. PSW003 .35
DPST NORMALLY OPEN; 1A/250. PSW004 .35
SPST GOLD-FINISHED DOORBELL NORMALLY OPEN; 1 5/8" DIA. HARDWARE INCLUDED. PSW005 .35
JPST INTERLOCK, NORMALLY OPEN. (3Z9825/254) PSW006 .35
SPST PULL SWITCH, NORMALLY OPEN. PSW007 .35
SPST NORMALLY CLOSED; CASING AS GROUND; 1/2" SCREWS REQUIRED FOR MOUNT. PSW008 .35
SPST NORMALLY OPEN; .75/125 PSW009 .35
SPST NORMALLY OPEN. PSW010 .35
SPST NORMALLY OPEN. PUSH-IN MOUNT REQUIRES 5/8" HOLE. PSW011 .25
SPST NORMALLY OPEN. 3NC5-5P PSW012 .25



DPDT PUSH-LEVER SWITCH. PSW013 .50
DPST PUSH-LEVER SWITCH. NORMALLY OPEN. PSW014 .50
DPST NORMALLY OPEN. PSW015 .50

FIVE-PUSH SWITCH 2PST NORM. GL. 1PST NORM. OP. 1PDT. 5x3x1 #PSW5022 \$1.00

SIX-PUSH SWITCH; FIVE ARE SPST NORMALLY OPEN THE OTHER DPST AND DPDT ON THE OPPOSITE SIDE. 4 1/2"x2 1/2". PSW017 \$1.00

SPST PUSH-LEVER SWITCH. 3 5/8"x2 1/2"x2 1/2". PSW022 .35

SPST NORMALLY CLOSED MICROPHONE SWITCH. COVER AS GROUND, WITH MOUNT. PSW019 .75

SPST NORMALLY OPEN START-STOP DOUBLE SWITCH. #401. PSW020 \$1.00

4PST NORMALLY OPEN SA-26/U MICROPHONE SWITCH. 1 1/2" DIA. PSW021 \$1.00

EIGHT PUSH SWITCHES DPST NORM. OPEN AUTO RELEASE. PUSH SW. RELEASES ALL SPST NO.CL. 5x2x1 1/2; #855-151 \$1

CHAFF DISPENSER CONTROL BOX AND 24 VDC 5 DIGIT DECLINING COUNTER 2 DIGITS AT A TIME ALSO 12 POSITION WAFER SWITCH. LESS DIAL LAMPS \$ TOGGLE SWITCH. 6x4x3; 2LBS. \$1.95

SWITCHES



AIRCRAFT TYPE SWITCH TWO HOLE MOUNTING FIG. #1

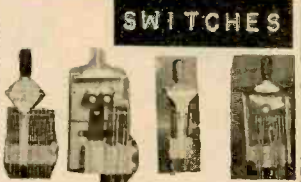
CIR	CON	RATING	NO	PR
SPST NEW	5A/125	B-5A	.25	
SPDT NEW	15/125	B-9-A	.35	
(ABOVE SW. CENTER-OFF)				
SPDT NEW	15/125	3022-7	.35	
(ABOVE SW. CENTER-OFF MOM.B.S)				
SPDT NEW	15/125	B-1B	.30	
DPST REM	30/125	C-1	.40	
DPDT NEW	20/125	3023-10	.55	
DPDT NEW	30/125	C-3	.75	
(ABOVE SW. MOM. BOTH SIDES, CENTER-OFF)				
DPDT NEW	5A/125	SW5125	.65	
(ABOVE SW. CENTER-OFF; HOLE MOUNTING 3/8" DIA.)				
3PST NEW	15/125	SW3115	1.25	
(ABOVE SW. MOUNTED ON "ON-OFF" PLATE 2"x2 7/8"; FOUR 1/8" SCREWS REQUIRED)				
DPDT REM	15/125	ST52P	.50	
(ABOVE SW. CENTER-OFF; IRON CASE MOUNT FOR LINEAR OPERATION 2 1/2"x1 1/2"x1 1/2")				
DPDT NEW	15/125	BARKELEW	\$2.50	
(ABOVE SW. MEASURES 5"x6 1/2"x1 1/2"; FOUR SCREW MOUNTS FOR 1/8" SCREWS)				

TOGGLE SWITCHES

TOGGLE SWITCHES SINGLE HOLE MOUNTINGS: CONDITION NEW & "REM" RE-MOVED FROM EQUIPMENT, ALL GUARANTEED.

CIR	CON	RATING	NO	PR
SPST REM	6A/125	SW-105	.20	
SPDT REM	15/125	ST42G	.40	
(CENTER-OFF, MOM. BOTH SIDES)				
DPST NEW	10/250	8829K4	.50	
(ABOVE SW. MOMENTARY)				
DPST NEW	3A/125	CH7590	.35	
DPST REM	15/125	ST50-K	.45	
DPST REM	5A/125	8822K1	.35	
DPST REM	10/250	CH3545	.40	
DPDT REM	3A/125	SW3125	.20	
DPDT REM	6A/125	SW6125	.30	
DPDT REM	5A/125	ST22R	.35	
DPDT REM	15/125	ST52P	.40	
(CENTER OFF)				
DPDT REM	15/125	ST52N	.35	
3PST NEW	15/125	SW3115	1.00	
3PDT REM	10/250	ZA0494	1.00	
4PST REM	10/125	7661K5	1.00	

LEVER SWITCHES



1273 #K-22 #K-100 RM57416

TELEPHONE TYPE LEVER SWITCH

ONE SIDE: MAKE 11; BREAK 1 OTHER SIDE: MAKE 6 #5930-392-1273 \$.40

MAKE 2, BREAK 2, ONE SIDE ONLY. #K-22 30¢

1 SIDE, 2 MAKE SPST; OTHER SIDE DPDT. SW-155/EE-2. 35¢

6PST. #3Z9580-6.11 75¢

TCK#405 SPST EACH SIDE 30¢

TCK#404 GE#P7763503-2 50¢ 1 SIDE DPDT NC & DPST NO.

PUSH-TO-TEST

PUSH-TO-TEST INDICATORS. DOUBLE LAMP HOLDERS WITH MINIATURE BAYONET BASE. 2 3/8" x 1 1/2" x 3/4". KORRY ST-260 SCREW TERMINALS OR TYPE 260 WITH SOLDER TERMINALS. AVAILABLE WITH THE FOLLOWING INSCRIPTIONS:
 POWER - AIR CONDITIONING-IGNITER - POWER SUPPLIES-ERECTOR - 100% LIQ OXY
 PRICE: \$2.00EA

PUSH-TO-TEST INDICATOR WITH MINIATURE BAYONET SINGLE LAMP HOLDER. 2 3/8" x 1 1/2" x 3/4". KORRY ST-136 SCREW TERMINALS OR TYPE 136 WITH SOLDER TERMINALS. AVAILABLE WITH THE FOLLOWING INSCRIPTIONS:
 Low - Overload - MALF. - POWER ON
 PRICE: \$1.25EA

PUSH-TO-TEST INDICATOR WITH MINIATURE SCREW BASE. RED 7/16" DIA. SMOOTH JEWEL. 0" TO 1/8" SURFACE CLEARANCE. REQUIRES 3/8" HOLE TO MOUNT. 1 5/8" LONG. USED.
 VM-500-2 \$.59EA

PUSH-TO-TEST INDICATOR WITH MINIATURE SCREW BASE. 3/8" DIA. CARAMEL-COLOR COVER. 0" TO 1/8" SURFACE CLEARANCE. REQUIRES 11/16" HOLE TO MOUNT. 1 15/16" LONG. NEW.
 6210-617-0946 \$.59EA

PUSH-TO-TEST INDICATOR WITH MINIATURE BAYONET DOUBLE LAMP HOLDER. 2 5/8" x 1 1/16" x 5/8" WITHOUT LAMP COVER. COVERS NOT AVAILABLE. NEW. KORRY TYPE 261 WITH SOLDER TERMINALS
 PRICE: \$1.00EA

INDICATOR LIGHT WITH MINIATURE BAYONET DOUBLE LAMP HOLDER. 2 3/8" x 1 1/2" x 3/4". INSCRIBED WITH "CHECK FULL RPM" OR A BLANK. NEW. KORRY TYPE 204 SOLDER TERMINALS.
 PRICE: \$.75



BULLS EYE PILOT LIGHTS
 DULL FINISHED BRASS, BAYONET BASE, AND 0" TO 1/8" SURFACE CLEARANCE. ALL USED.
 LESS BULBS. PRICE: \$.39EA
 A. 2Z6125-22 RED-RIBBED 1" JEWEL. CANDELABRA, DOUBLE CONTACT BASE. 2 3/8" x 1 1/2" DIA.
 B. PILO01. 7/16" CLEAR JEWEL. SINGLE CONTACT MINIATURE BASE. 2 1/8" x 7/8".
 C. LH50BR4. 11/16" DIA. RED JEWEL. SINGLE CONTACT MINIATURE BASE. 2 1/8" x 7/8".
 D. LH62BY2. 3/4" DIA. AMBER JEWEL. SINGLE CONTACT MINIATURE BASE. 2 3/8" x 1".



PILOT LIGHT JEWELS
 RED, FACETED, 3/8" DIA. JEWEL. SCREWS INTO 11/16" DIA. HOLE OF DESIRED ASSEMBLY.
 TYPE 81 \$.15 EA.
 SMOOTH RED JEWEL 3/8" IN DIAMETER. SCREWS INTO A 3/8" ASSEMBLY.
 SERIES F \$.15 EA
 LARGE 5/8" FACETED AMBER JEWEL. SLIPS OVER BRACKET 7/8" IN DIAMETER. HAS ALSO MOUNTING HOLES FOR 3/32" SCREWS.
 2Z5368/1 \$.15 EA

3/8" DIA. WHITE SLIP-IN LAMP CAPS FOR SWITCHBOARDS. (NOT PICTURED) SLIPS INTO 3/8" HOLE.
 4C1971 \$.15 EA 100/\$10

SUB-MINIATURE PILOT ASSEMBLY. 5/16" AMBER FACETED JEWEL FIT INTO BRACKET WITH AN OPENING OF 5/16". REQUIRES DOUBLE TERMINAL PLUG-IN OR SOLDER-IN NEON LAMPS. 1" LONG AND 1" HIGH.
 PILO10 \$.15 EA 8/\$1.00



SUB-MINIATURE NEON PILOT LIGHT ASSEMBLY. FLUTED 5/16" DIA. CLEAR JEWEL. BASE IS FEMALE PART FOR A THREE PRONG PLUG WITH 1/16" DIA. HOLES IN ISOSCELES TRIANGLE PATTERN. MOUNTS IN 3/8" HOLE. 0" TO 3/8" SURFACE CLEARANCE. 1 3/8" LONG. INCLUDES BULB. USED. 110V.
 PILO07 \$.25 5/\$1.00

SINGLE TERMINAL AND CONTACT SUB-MINIATURE DIMMER PILOT LIGHT. MECHANICAL DIMMER VARIES SIZE TO COMPLETE DARKNESS. REQUIRES T-1 1/2 BULB. 5/16" DIA. SMOOTH RED JEWEL. MOUNTS IN 7/16" HOLE. 1 3/8" LONG. LESS BULB. NEW.
 6210-643-4087 \$.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. CLEAR STOVEPIPE, SMOOTH 5/8" DIA. JEWEL. MOUNTS IN 11/16" HOLE. SURFACE CLEARANCE IS 0" TO 3/8 2 1/8" LONG. LESS BULB. USED.
 PILO08 \$.39

ALL PLASTIC PILOT LIGHT. SINGLE CONTACT, MINIATURE SCREW TYPE BASE. RED FLUTED, COVER-LIKE JEWEL 3/4" IN DIAMETER. NEEDS 3/4" HOLE. SURFACE CLEARANCE OF 0" TO 3/4". THERE IS NO ADJUSTING INSTALLATION DEPTH BY A NUT TWO 3/32" SCREWS ARE NEEDED TO ANCHOR LIGHT. 1 1/2" LONG. LESS BULB. USED.
 PILO09 \$.39



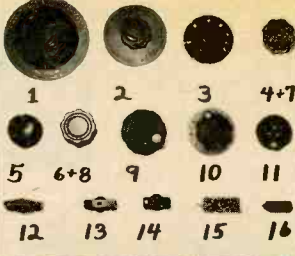
PILOT LIGHT WITH A SINGLE CONTACT, CANDELABRA SCREW BASE. LARGE 1" DIA. RED JEWEL FACETED ONLY AT THE EDGE. REQUIRES 1" HOLE AND HAS SURFACE CLEARANCE OF 0" TO 1/2". 2 3/8" LONG. LESS BULB. UNUSED.
 PILO02 \$.59

PILOT LIGHT WITH SINGLE CONTACT, CANDELABRA SCREW TYPE BASE. 1" DIA. RED-FACETED JEWEL. MOUNTS IN 1" HOLE WITH SURFACE CLEARANCE OF 0" TO 1/2". 2 1/2" LONG. LESS BULB, UNUSED.
 PILO03 \$.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. 3/8" DIA. SMOOTH, GREEN JEWEL. MOUNTS IN 5/8" HOLE WITH A SURFACE CLEARANCE OF 0" TO 1/2". 2 1/16" LONG. LESS BULB, UNUSED.
 PILO04 \$.49

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. 1" DIA. RED, WHITE, OR VIOLET JEWEL. 15/16" HOLE REQUIRED; SURFACE CLEARANCE 0" TO 5/8". 2 1/2" LONG. LESS BULB, USED.
 PILO12 \$.35 3/\$1.00

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. 1" DIA. SMOOTH, GREEN JEWEL. MOUNTS IN 15/16" HOLE WITH A SURFACE CLEARANCE OF 0" TO 1/2". 2 3/8" LONG. LESS BULB, UNUSED.
 PILO13 \$.49



FLUTED KNOBS

2-3/8" FLUTED KNOB W/3" SKIRT, BRASS INSERT FOR 3/4" SHAFT. GR#9682 \$1.00

2-3/8" FLUTED KNOB W/2-7/8 SEMI SKIRT, INSERT FOR 3/4" SHAFT. GR#9566 \$1.00

1 1/2" DIA. FLUTED KNOB WITH REMOVABLE 3" DIAL WITH MARKING 34L-0-34R. BRASS INSERT FOR 3/16 DIA. SHAFT. KNBNO02 \$.25

1" DIA. FLUTED KNOB WITH 2 1/2" NON-LINEAR CALIBRATED DIAL. BRASS INSERT WITH 1/2" DIA. HOLE. KNB003 \$.25

1 1/2" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR 1/2" SHAFT. KNBNO04 EA \$.25, 5/\$1.00

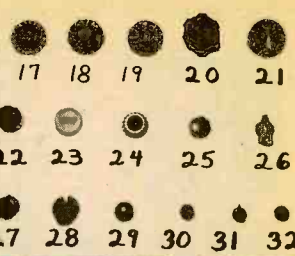
1 1/2" DIA. FLUTED KNOB WITH SKIRT AND POINTER. BRASS INSERT FOR 1/2" SHAFT. KNBNO05 \$.25

1 1/2" FLUTED KNOB WITH BRASS INSERT FOR 1/2" SHAFT. KNBNO06 \$.25

1" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR 1/2" SHAFT. KNBNO07 \$.25

1" DIA. FLUTED KNOB WITH BRASS INSERT FOR 1/2" SHAFT. KNBNO08 \$.25

ALL THE ABOVE KNOBS ARE OF SET SCREW TYPE.



BAR TYPE KNOBS

BAR TYPE BAKELITE KNOB FOR 3/4" SHAFT. 1 3/4" x 3/4" x 5/8". SET SCREW TYPE. KNBNO12 \$.25

BAR TYPE BAKELITE KNOB FOR 3/4" SHAFT WHICH MUST BE TAPED FOR SET SCREW. 1 3/4" x 5/8" x 5/8". KNBNO13 \$.25

RECTANGULAR BAR TYPE BAKELITE KNOB 1 1/2" x 3/4" x 5/8". WITH BRASS INSERT FOR 1/2" SHAFT. SET SCREW TYPE. KNBNO14 \$.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR 3/4" SHAFT TAPED FOR SET SCREW. 2" x 1 1/2" x 3/4". KNBNO15 2/\$.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR 1/8" SHAFT TAPED FOR SET SCREW. 1 1/2" x 5/8" x 3/4". KNBNO16 \$.25

BAKELITE BAR TYPE KNOB 1" x 3/4" x 5/8" ON 1/2" REMOVABLE DIAL FOR 3/4" SHAFT. SET SCREW. KNBNO17 \$.25

1 1/2" DIA. METAL KNOB FOR 1" SHAFT WITH TWO SET SCREWS. FINGER GRIP KNOB FOR HEAVY SWITCHING APPLICATIONS. KNBNO18 2/\$.35

1 1/2" DIA. PLASTIC KNOB WITH BRASS INSERT. BAR TYPE FINGER GRIP FOR SWITCHING. USE WITH 3/4" SHAFT. KNBNO19 \$.25

1 1/2" BAKELITE KNOB FOR USE WITH 3/4" SHAFT. USED FOR APPLICATIONS WHERE EXTRA GRIP IS REQUIRED. 1 1/2" HIGH. KNBNO20 \$.25EA. 5/\$1.00

3/4" RIBBED KNOB 7/8" DEEP 1" SKIRT F/1/2" SHAFT DULL BLK. KNB7820 35¢

5/8" x 3/4" SAME AS ABOVE BRIGHT BLK. KNB1261 20¢

BAKELITE INSTRUMENT KNOB 1" DIA. 1" HIGH. BRASS INSERT FOR 3/4" SHAFT AND SET SCREW. KNBNO22 \$.25

1 1/2" KNOB MARKED "INCREASED OUTPUT" 3/4" HOLE WITH SET SCREW. 3/4" THICK. METAL. KNBNO23 \$.25

1 1/2" PUSH-ON KNOB FOR 1/2" SHAFT. W/MODIFICATION, BROWN KNBNO24 2/\$.25

BROWN BAKELITE 1" DIA. KNOB KNURED SHAFT OF 1/2". 3/4" HIGH. KNBNO25 2/\$.25

BAKELITE POINTER KNOB WITH BRASS INSERT FOR 3/4" SHAFT. 1 1/2" x 1" x 3/4". KNBNO26 \$.25

FLUTED KNOB W/POINTER AND SKIRT FITS 1/2" SHAFT. 1 1/8" DIA. 1/2" THICK. KNBNO27 \$.25

1 1/2" DIA. KNOTCHED KNOB WITH BRASS INSERT FITS 3/4" SHAFT. SET SCREW TYPE. 3/4" HIGH. KNBNO28 3/\$.25

SPIN KNOBS

2" DIA. METAL FLUTED SPIN KNOB FOR 5/32" SHAFT. KNBNO09 \$.79

1 1/2" DIA. FLUTED SPIN KNOB WITH CALIBRATED 2 1/2" DIAL, 0400 IN 360. METAL INSERT FOR 3/8" SHAFT. KNBNO10 \$.59

METAL SPIN KNOB 1 5/8" DIA. TO BE ATTACHED TO ANOTHER KNOB OR DISK BY THREE SCREWS. CONVERTS KNOB TO SPIN KNOB. KNBNO11 \$.20

MINIATURE KNOBS

PLASTIC PUSH-ON TYPE KNOB 3/4" DIA. x 3/4" HIGH. FITS 1/2" SHAFT, WITH MODIFICATION. KNBNO29 4/\$.25

METAL KNOB 5/8" DIA. x 3/4" HIGH FITS 1/8" SHAFT. TWO SET SCREWS. KNBNO30 4/\$.15

BAKELITE KNOB WITH POINTER 5/8" DIA. x 3/8" THICK. FOR 1/2" SHAFT. SET SCREW. KNBNO31 2/\$.25

5/8" DIA. BAKELITE KNOB 3/8" THICK FOR 1/2" SHAFT. SET SCREW TYPE. KNBNO32 2/\$.25

MINIATURE LAMPS

STK#	TYPE	V.	A.	BASE	BULB	EA.	PKG.	10
225950	LM-50	2	.25	min sc	G-6	.20		.75
225950	511	2	.25	min sc	G-6	.20		.75
	46	6-8	.25	min sc	T-3 1/2	.15		.65
6Z6814-6	MA64	6-8		DC BAY	G-6	.20		.75
6Z6812-4	MA-94	12-16		CAN/BAY	S-8CL	.20		.75
	PC-90615C	12 volt		min sc	G-3 1/2	.15		.75
	LM-17	2.5 volt		min sc	G-3 1/2	.20		.75
225878	43	2.5	.5	min bay	T-3 1/2	.20		.75
8870-775		150		CAN/SC	6S6 CL	.20	1.00	
2Z5954	LM-54	105-125		LEADS	T-2	.20		.75
6240-155		-7866	356	.17	min bay	T-3 1/2	.20	.75
6240-153		-6209	1826	.18	min bay	T-3 1/2	.25	1.00
6Z6812-5	LM-45	12-16	.61	CAN/BAY	G-6	.20		.75
225927	LM-27	6-8	.25	min bay	T-3 1/2	.20		.75
225889-11	NE-26	115v.		cand bay	G-6	.35	3.00	
6Z6812-5	LM-44	6-8v.		dc bay	G-6	.20		.75
225889-3	NE-48	115	.25	dc bay	T-4 1/2	.50	4.00	
6240-408		-3394	386/5	115v.	dc bay	T-4 1/2	.25	1.75
		686	30	.2	cand sc	S-6	.20	1.25
225879-3		502	5	.15	#4F cell min sc	.20		.75
6240-155		-8675	PR-6	2.47	.3	single contact	.20	.75
			PR-10	6	.5	#5D cell min bay	.20	.75
225938	NE-15				min bay	.25	2.00	
	NE-20				min bay	.25	2.00	
6240-155		-7837	24E 24	.032-.038amp.	slide base	.50	3.50	
			NE-2	1/17 amp	2F slide base	.10	.75	
			4C5491-K1		K1 slide base	.10	.75	



SYSTEM ANALYZER PEAK PRESSURE GAUGE: DENISON MODEL 100 DESIGN-EO FOR A TRANSDUCER WITH A UNIFORM FREQ RESPONSE TO 20 KC. EXCITATION IS SUPPLIED FROM DC SUPPLY CONTAINED IN THE UNIT. THE 2 RANGE METER READS DIRECTLY IN LBS. PER. SQ. INCH. PROVISION FOR CONNECTING RECORDER ARE PROVIDED. THE UNIT INCORPORATES A D.C. AMPLIFIER WITH BALANCED INPUT & CATHODE FOLLOWER OUTPUT ALONG WITH A VACUUM TUBE VOLT METER CIRCUIT, WITH TUBES 1/12AX7, 2/6AU8A, 1/12AT7, 1/5Y3, 2/6AW8A & 2/6BQ7A. POWER REQUIRED 115 V. 60 CYC. USED WITH TRANS. HDD WHICH IS NOT AVAILABLE AND NOT SUPPLIED. SIZE: 9 1/2 x 6 1/2 x 10; WT: 21 LBS. PRICE: NEW \$39.95

POWER METER

TS-125/UP POWER METER PORTABLE GENERAL PURPOSE, BATTERY OPERATED INSTRUMENT USED TO MEASURE RADIO FREQUENCY POWER IN THE 2400 TO 3335 MEGACYCLE RANGE, CONTINUOUS WAVE OR PULSE. TWO SCALES ONE IN MILLIWATTS, OTHER IN DECIBELS ABOVE AND BELOW ONE MILLIWATT. POWER RANGE 0-2/4 MILLIWATTS W/ ATTENUATORS ABOVE WITH PICK-UP ANT. BATT. REQ. 4.5VDC. SIZE: 10x8x5 1/2; WT: 14 LBS. USED \$25.00



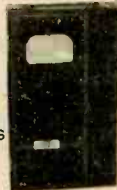
OSCILLATOR

TS-508/UP TEST OSCILLATOR; PORTABLE UNIT THAT OPERATES FROM 3 V DC, 3000 TO 11,000 MEGACYCLES PER SEC. A BUZZER PRODUCES DAMPED OSCILLATIONS IN A TUNEABLE CONCENTRIC LINE RESONATOR WHICH A HIGH Q RESONANT CIRCUIT. THE RESONATOR SELECTS THE RF COMPONENTS OF THE BUZZER OUTPUT. AM MODULATION 1M-2M PULSES PER. SEC. 0-100 DB. 50 OHMS OUTPUT IMP. SIZE: 6 1/2 x 6 1/2 x 6 1/2; WT: 15 LBS. USED \$25.00



ANALYZER

ANALYZER SELSYN ZEROING MODEL "B" USED WITH GENERAL ELECTRIC 2J SERIES UNITS. FOUR INCH METER WITH AC SCALES OF 0/3/30/300/600 VOLT 400 CYCLE, DC SCALE 0/50/500 VOLTS D.C. RESISTANCE SCALE 0/1000 10,000/1 MEG. OHMS. ELEVEN POSITION METERING SWITCH AND 4 TERMINALS FOR TEST LEADS. PORTABLE CASE. SIZE: 8x13x5; WT: 10 LBS. PRICE: WITH TEST LEADS & CAPS FOR SELSYNS \$15.00 LESS THESE ITEMS \$10.00



TUBE TESTERS

VACUUM TUBE BRIDGE TAFFET #T-310-6559 SIMILAR TO GR#561-D. MAKES POSSIBLE THE MEASUREMENT OF THE LOW FREQ. DYNAMIC COEFFICIENTS OF VACUUM TUBES & TRANSISTORS OVER A WIDE RANGE OF VALUES UNDER A VARIETY OF OPERATING CONDITIONS. ALSO CAN BE USED IN THE LAB. FOR STUDYING THE BEHAVIOR OF TUBES AND TRANSISTORS IN UNCONVENTIONAL CIRCUITS. WITH ADAPTER (10) SOCKET AND PATCH CORDS FOR VARIOUS TESTS EXTERNAL VOLTAGES ARE REQ. FOR THE DEVICE UNDER TEST. SIZE: 19x16x10; WT: 45 LBS. PRICE: USED \$29.50



TS-35/AP SIGNAL GENERATOR USED FOR THE TESTING AND GENERAL MAINTENANCE OF RADAR EQUIP. PRODUCES SIGNALS, CW OR PULSED AND INTERNALLY OR EXTERNALLY SYNCHRONIZED, OF KNOWN FREQUENCY AND POWER. USED TO MEASURE THE FREQUENCY AND AVERAGE POWER OF RADAR TRANSMITTED SIGNALS, AND TO PRODUCE FM SIGNALS FOR DETECTION OF DEFECTS IN RADAR EQUIP. WILL MEASURE SIGNAL TO NOISE RATIO TRANSMIT RECEIVE RECOVERY TIME, FREQUENCY PULLING, AFC OPERATION AND BANDWIDTH. FREQUENCY RANGE 8700-9500 MC POWER SUPPLY 115V±10% 50-1200 CYC. SIZE: 9x9x14, WT: 35 LBS. PRICE: USED \$39.95



LS-1 SIGNAL GENERATOR 90-95 MC CRYSTAL CONTROL, 0-50 MICROAMP METER 3 1/2". BATTERY OPERATED 3 EA. BURGESS 5308 45 V. TAPPED @ 22 1/2, 2/5360 4 1/2 V. & 2/FA 1 1/2 V. WITH TUBES 2/3A8, 1/1Q5 & 1/1N5. AUDIO MODULATION AND OUTPUT. UNUSED SIZE; 12x12x11; WT: 20 LBS. \$15

PORTABLE A.C. VOLTMETER THERMO-COUPLE TYPE, TRIPOLET MODEL 645 MIRROR SCALE 0-150 VOLT. LEATHER CARRYING HANDLE AND HINGE DOOR FOR METER GLASS PROTECTION. 4 1/2" SCALE, OVERALL SIZE 5 1/2 x 6 x 2 1/2; WT: 4 LBS. #5845-041-0718 \$15.00



VOLTMETER



THERMO-COUPLE VOLTMETER SENSITIVE RESEARCH INSTRUMENT MODEL A DARSONVAL DESIGN, ACCURACY .5 OF 1% (IN PERCENTAGE OF FULL SCALE) TEMPERATURE COMPENSATED. FREQUENCY RANGE 7 TO 5000 CYCLE IMPEDANCE 500 OHMS PER VOLT ALL FREQUENCIES, FULL SCALE CURRENT 2 MILLIAMPS. METER SCALE 0-7.5/30/75/150, LARGE 6" MIRROR SCALE METER IN WOOD CASE. SIZE: 7 1/2 x 7 1/2 x 5; WT: 10 LBS. PRICE: USED, \$75.00

GENERAL RADIO VTVM



GENERAL RADIO VACUUM TUBE VOLT METER MODEL 726A. WIDE RANGE A.C. VTVM HIGH IMPEDANCE AND STABILITY FOR USE IN AUDIO AND R.F. WORK, 20 CPS. TO 50 MC. 2% ACCURACY OVER THE ENTIRE RANGE. A.C. VOLTAGE RANGE .1 TO 150 IN FIVE BANDS WITH SPECIAL TEST PROBE. VOLTAGE REQUIRED 110-130 60CY SLANTED FRONT FOR EASY VIEWING. SIZE: 9 1/2 x 14 x 8; WT: 45 LBS. PRICE: USED CHECKED \$45.00

TS-352 MULTIMETER; PORTABLE GENERAL PURPOSE UNIT WITH A 4" 50 MICR AMP METER. FREQUENCY RANGE 25 TO 5000 CYCLES PS. USEFULLY TO 20M. ACV RANGE: 0-2.5/10/50/250/500/1000 DCV " SAME AS ABOVE ALSO 5000 V USING INTERNAL MULTIPLIER RANGE: 0-.25/2.5/10/50/100/500/2500/10000 MILLIAMPS. RESISTANCE RANGE: 0-1000/10M/100M/1000M/10000M OHMS. SENSITIVITY 1000 OHMS PER VOLT FOR AC RANGES 1000 OR 20,000 " " " DC " " " SIZE: 15x11x10; WT: 23 LBS. PRICE: USED \$39.95



LM FREQUENCY METER

LM FREQUENCY METER NAVY TYPE 125 TO 20,000 KC HETERODYNE TYPE, CRYSTAL CALIBRATED, .01 TO .02 ACCURACY DEPENDING ON FREQ. 500 CYCLE MODULATION. USES TUBES 1/6A7, 1/76 & 1/77 ALSO 1000 KC CRYSTAL. VOLTAGES REQUIRED 12 OR 24 FOR FIL. 180° 5MA AND 475 VDC 20 MA. UNITS ARE USED WILL NEED SOME WORK AND MINOR PARTS SUCH AS SWITCHES, SOLD "AS IS" AS LISTED LESS TUBES, CALIBRATION BOOK, CRYSTAL \$10.00 LESS CALIBRATION BOOK W/TUBES & " 14.95



SUMMATION BRIDGE



AN/URM-23 SUMMATION BRIDGE PORTABLE GENERAL PURPOSE WATTMETER USED TO MEASURE R.F. OUTPUT IN THE 1000 TO 4000 MC RANGE, EMPLOYS A DIRECT READING CIRCUIT IN WHICH A BOLOMETER ACTS AS ONE ARM OF A DC WHEATSTONE BRIDGE AT THE SAME TIME PROVIDING THE CORRECT RESISTIVITY TERMINATION FOR THE RF POWER ENTERING THE WATTMETER. POWER INPUT RANGE 5 MW TO 5 WATTS. INPUT IMPEDANCE 50 OHMS. POWER SUPPLY 115 VOLTS 50-1600 CYCLE. COMPLETE WITH BOLOMETER, 5 ATTENUATORS, CABLE CARRYING CASE ETC. SUMMATION BRIDGE TS-730 AND POWER MEASURING ATTENUATOR KIT MX-1309. TOTAL WEIGHT 60 LBS. PRICE: USED \$65.00

SIGNAL GENERATOR

TS-497A/URR SIGNAL GENERATOR 2 TO 400 MC SIMILAR TO MEASUREMENTS 80 SIX BANDS, .5% ACCURATE CONTINUOUSLY VARIABLE FROM .1 TO 100,000 MICROVOLTS, 50 OHM OUTPUT IMPEDANCE, SINE WAVE MODULATION CONTINUOUSLY VARIABLE 0-30 PERCENT AND IS DIRECTLY INDICATED ON THE PERCENT MODULATION METER, INTERNAL MODULATION 400 OR 1000 CYCLE, EXTERNAL 50 TO 10,000 CYC AMPLITUDE AND PULSED CARRIER OUTPUT. VOLTAGE REQUIRED 117 VOLT 50/60 CYCLE. PORTABLE UNIT WITH REMOVEABLE COVER. SIZE: 9 1/2 x 19 1/2 x 10 1/2; WT: 48 SHPG. 65 LBS.

PRICE: USED CHECKED FOR OPERATION \$195.00



GENERAL RADIO SIGNAL GENERATOR MODEL 1021 250-920 MC IN ONE BAND, DIRECT READING CALIBRATION 1% OUTPUT VOLTAGE CONT. ADJ. .5 TO 1 VOL OPEN CIRCUIT. OUTPUT IMP. 50 OHMS 10%, AMPLITUDE MOD. ADJ. 0 -50%, ENV. DIST. LESS THAN 5% AT 50% MOD. CARRIER NOISE LEVEL .2% MOD. STRAY FIELD LEAKAGE AND RESIDUAL OUTPUT VOLTAGE CANNOT BE DETECTED WITH A REC. HAVE 2-3 MV SENSITIVITY. POWER REQUIRED 115/230 VOLT 50/60 CYCLE. SIZE: 20 1/2 x 14 1/2 x 10 1/2; WT: 40 LBS. COND. USED. PRICE: \$195.00 CHECKED FRO OPERATION \$25 EXTR

MARCONI SIGNAL GENERATOR TF-801 10-500 MC IN FIVE BANDS, OUTPUT CAN BE CONTINUOUS WAVE, SINEWAVE AMPLITUDE MODULATED, MOD INTERNALLY OR EXTERNALLY OR PULSE MOD. EXTERNALLY. OUTPUT IMPEDANCE 50 OHMS. CALIBRATED OUTPUT CONT. VAR. 0.1 TO 0.5 VOLT AT MOST FREQ. 90% MOD. CAN BE ACHIEVED. INTERNAL MODULATION 1000 C/S OSC. THE MAIN TUNING DIAL IS HAND CALIBRATED DIRECTLY IN FREQUENCY POWER REQ. 115/230 V 40/100 CYC. WITH TUBES 2/5861, 1/6L6, 1/6AK5, 1/6CA, 1/12AT7, 1/6AS7, 1/5R4GY & 1/0B2, CRYSTALS 2/BTH TYPE CS2A AND ONE BTH TYPE CG1E. SIZE: APPROX. 16x11x11; WT: 45LBS. USED PRICE: \$195.00 CHECKED FOR OPERATION \$25 EXT.



SONAR

RT-200/AQS-4 SONAR RECEIVER-TRANSMITTER 20, 21 AND 22 KC APPROX. 150 TO 200 WATTS USES 2/829B TUBES PUSH-PULL, 2/6BE6, 2/12AU7, 1/6AQ7, 2/0A2, 4/12AU7, 2/6BA6, 1/6AT6 & 6BF6 VOLTAGES REQUIRED 28 VDC, 630 VDC 500 MA, SIZE: 17 1/2 x 9 x 7; WT: 20 LBS. PRICE USED \$39.50



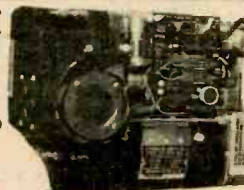
SOLID STATE 12VDC SUPPLY

SOLID STATE 12 VDC SUPPLIES VOLTAGE REGULATED ASSEMBLIES THAT HAVE BEEN REMOVED FROM COMPUTER SYSTEMS. USES HIGH CAPACITY CONDENSERS, SILICON RECTIFIERS, TRANSFORMER, HEAT SINK, RESISTORS & PRINTED CIRCUIT CONTROL BOARD FOR REGULATION. PRICES WITHOUT PRINTED CIRCUIT CONTROL BOARD.

ASM-490	4 AMP	Size 10x6x6	12 Lb.	\$ 9.95
" 390	8 "	" 11x6x6	16 "	12.95
" 500	12 "	" 13x6x6	25 "	16.95
" 510	16 "	" 15x6x6	30 "	24.95

PRINTED CIRCUIT CONTROL BOARD \$10.00

R-425B/ARW-59 RECEIVER USED IN PILOT LESS AIR CRAFT IN THE 406 - 420 MC. F.M. BAND, 15 CHANNELS WITH A RESONANT AUDIO TONE OUTPUT IN THE FREQ. RANGE OF 7.5 TO 22.17 K.C. SENSITIVITY 5 MICRovolts WITH TUBES 8/5840, 5/5702, 6/5718, 2/5647, 1/5639 ALSO 2 CRYSTALS, 24 VDC BLOWER AND DYN. 24 VDC 2.3 A. OUTPUT 128 V. 205 MA. SIZE: 8x8x6; WT: 10 LBS. USED \$14.95



AUTOMOTIVE

STARTER - REGULATOR

VOLTMETER-AMMETER FOR TESTING BATTERY STARTER AND REGULATOR MODEL# 307-A

VOLTMETER HAS 3 SCALES 0-9, 0-18 AND 0-45 VOLTS D.C.

SPECIAL SELECTOR SWITCH FOR MAKING RESISTANCE TESTS USING THE 9/10 SC. AMMETER SCALE MINUS 10-0-100 AMPERE THROUGH A BUILT-IN SHUNT CONNECTED IN THE TEST LEADS.

LOAD SWITCH IS USED TO CONNECT THE LOAD IN OR OUT OF THE CIRCUIT.

LOAD CONTROL CONSISTS OF VARIABLE PILE PLATES WHICH BY COMPRESSION PUTS A LOAD ON THE OUTPUT OF THE GENERATOR-STARTER CIRCUIT.

A FIELD RHOESTAT IS USED TO CONTROL THE GENERATOR FIELD CIRCUIT FOR CERTAIN TYPE UNITS. TWO LARGE 4 1/2" METERS WITH 2% ACCURACY, 500 MICROAMP. MOVEMENTS, CHROME AND SATIN FINISH.

WITH TEST LEADS AND INSTRUCTIONS.

SIZE: 13x5x5; WT: 13 LBS. PRICE: \$29.50



AMPS. -VOLTS-REGULATOR



AMPS-VOLTS-REGULATOR TESTER WITH POINTS RESISTANCE CHECK MODEL#322
LARGE 4 1/2" METER 500 MICROAMP MOVEMENT BLACK AND SILVER SATIN FINISH. VOLT SCALE 0-18 VDC WITH SPECIAL BUTTON FOR READING 0-1.8 V. D.C. AMPERE SCAL 0-60. TEST SELECTOR SWITCH FOR EACH READING. SEPARATE CABLES FOR VOLTS, AMPS. & RESISTANCE READINGS. METER SCALE IS MARKED FOR PTS, CRK, COIL AND REG TESTS.

FACE OF UNIT IS POLISHED CHROME AND BLACK SATIN FINISH. COMPLETE WITH INSTRUCTIONS FOR MAKING THE VARIOUS CHECKS. MFG. MAQUETTE. SIZE: 10x6x4; WT: 8 LBS. PRICE: \$14.95

IGNITION - TESTER

METER IGNITION TESTER MODEL# 327

LARGE 4 1/2" METER WITH 500 MICROAMP 0-30 SCALE ALSO MARKED LOW, AVERAGE FOR CHECKING IGNITION SYSTEMS. SELECTOR SWITCH FOR CURRENT AND VOLTAGE READINGS ALSO TEST LEADS. WITH OPERATING INSTRUCTIONS. CHROME MIRRORRED FACE WITH BLACK AND GREY SATIN FINISH.

THIS EQUIPMENT IS KNOWN AS THE CHROME-LIKE OF HEYER-MARQUETTE. SIZE: 11x6x4; WT: 8 LBS. PRICE: \$14.95



COIL - CONDENSER TESTER

COMBINATION COIL AND CONDENSER TESTER WITH OHMMETER MODEL#332.

DESIGNED TO MAKE COMPLETE ANALYSIS OF COILS AND CONDENSERS IN AUTOMOBILE ENGINES USING FACTORY STANDARDS AND TEST METHODS.

PRECISION VIBRATOR APPLIES THE NORMAL CURRENT TO THE COIL AT THE PROPER DWELL. ANY BREAKDOWN OF THE OF THE INSULATION IS SHOWN ON THE METER BY IRREGULAR OR LOW READING AN ELECTRONIC CIRCUIT CHECKS CONDENSERS FOR ACTUAL CAPACITY, LEAKAGE SERIES RESISTANCE. THE LAST TWO

TESTS WILL INDICATE CONDENSERS THAT WILL NEED REPLACING.

A 100,000 OHMMETER RANGE IS ALSO PROVIDED ON THE 4 1/2" CHROME AND SATIN FINISHED METER THAT HAS A LABORATORY ACCURACY OF WITHIN 2%.

UNIT OPERATES FROM 6/12 VDC, WITH TUBES 1/0A2 1/12AU7 & 1/6X4 ALSO TEST LEADS, W/INSTRUCTIC CABINET SIZE 14x5x6; WT: 10 LBS. PRICE: \$19.95



BATTERY ANALYZER

HEYER 12 VOLT OVER-ALL BATTERY ANALYZER MODEL 12 BT

FOUR STEP BATTERY ANALYZER WITH LARGE 4 1/2" METER AND HEAVY CABLES WITH SURE-GRIP CLAMPS.

BATTERY SIZE ADJUSTMENT SWITCH FOR SMALL 30-40 APH, MEDIUM 50-60 APH AND LARGE 70-80 APH BATT.

BATTERY LOAD SWITCH, BATTERY CHARGE SWITCH & BATTERY CONDITION SWITCH FOR MAKING THE REQUIRED TESTS WHICH IS INTERPERTED ON THE APPROPRIATE SCALE OF THE METER

SIZE: 11x6x6; WT: 12 LBS. W/INSTR. PRICE: \$19.95



BATTERY TESTER

ATLAS SAFETY-CHARGE BATTERY TESTER MODEL PSC-1-TRG. FOR 6 OR 12 VOLTS.

LARGE 4" METER FOR EASY READING OF BATTERY CONDITION, SHOWS IF BATT. IS SERVICEABLE, NEEDS RE-CHARGING OR REPLACEMENT ALSO INDICATES CHARGING VOLTAGE, LOW, NORMAL OR HIGH. THIRTY SIX INCH CABLE AND TEST PROBE FOR CHECKING EACH CELL.

RUGGEDIZED PLASTIC METER CASE AND UNBREAKABLE PLASTIC METER FACE. SIZE: 4 1/2x4x3; WT: 3LBS. W/INSTRUCTIO PRICE: \$6.95



BATTERY TESTER

HEYER MODEL WT-101

WAREHOUSE BATTERY TESTER FOR CHECKING CELLS UNDER LOAD. SIX OR 12 VOLT BATTERIES. INDICATOR LIGHTS FOR OCV TEST AND LOAD TEST FOR 6 VOLT, 12 VOLT LIGHT DRAIN, 12 VOLT HEAVY DRAIN. HEAVY SUR-GRIP CLAMPS AND INDIVIDUAL CELL PROD. LARGE 4 1/2" METER AND MANGERS FOR WALL MOUNTING.

SIZE: 15x10x7; WT: 15 LBS. \$19.95



COMPRESSION

COMPRESSION TESTER ADAPTER GAUGE NO. 1949 WITH LARGE 2 1/2" BRASS CASE, 0-300 LB PRESSURE, BRASS FITTINGS. 3 LBS. \$5.95



TRANSCEIVER



BC-645/ABA-1 TRANSCEIVER ARMY-NAVY-AIR FORCE TRANSPONDER USED FOR FRIEND OR FOE IDENTIFICATION IN THE 460-490 MC BAND. COMPLETE WITH TUBES 4/7F7, 4/7H7, 2/7E6, 2/6F6, 2/955 & 1/316. SIZE: 11x6 1/2x14; WT: 20 LBS.

BC-645/ABA-1 RECEIVER-TRANSMITTER N \$16.95

MOUNTING FOR " " 1.50

BC-646 CONTROL BOX 1.95

MOUNTING FOR BC-646 CONTROL BOX. 1.00

PE-101 DYNAMOTOR 12/13-24/26 VDC; 12.6/6.3 AMPS. OUTPUT 400 VDC @ 135 MA

800 VDC @ 20 MA. 9V 80CYC. 1.12A. 7.95

UHF ANTENNAS 2 PER SET 1.95

PLUGS COMPLETE SET \$4.95 INDIVIDUAL 1.50

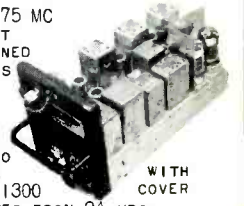
COMPLETE SET OF ALL ITEMS DESCRIBED \$29.95

ABOVE ALL BRAND NEW

THOUSANDS OF THESE SETS HAVE BEEN SOLD FOR COMVERSION TO THE 460-470 & 470-500 MC BANDS.

R-122/ARN-12 RECEIVER; 75 MC

FIXED FREQ. FOR AIRCRAFT MARKER BEACON USE. DESIGNED TO RECEIVE RADIO SIGNALS TO DELIVER AURAL AND VISUAL INDICATION TO THE PILOT SO THE POSITION OF THE AIRCRAFT CAN BE IN RESPECT TO A RADIO RANGE STATION. RECEIVES AM SIGNALS MOD. AT 400, 1300 & 3000 CPS. SIG. OPERATES FROM 24 VDC. WITH TUBES 5/AJ5, 2/6AL5 & 2/28D7. CRYSTAL CONTROL OSCILLATOR, 6.9 MC. 1F. NO INDICATORS. SIZE: 10x5x6; WT: 10 LBS. PRICE: USED \$6.95



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RDR NAVY RADIO RECEIVER

225 TO 390 MC. CRYSTAL CONTROL ON ANY 10 PRE-SET CHANNELS WHICH ARE MANUALLY SELECTED FROM THE SET OR CAN BE ELECTRICALLY SELECTED FROM A REMOTE POSITION BY USE OF THE MOTOR DRIVEN SELECTOR. WITH TUBES 1/9003, 1/6AK5, 1/6J6, 4/12SG7, 2/12H6, 2/604, 1/12SL7, 1/6AG7 & 1/12A6. POWER REQUIRED 12 VOLT D.C. SIZE: 21x16x9; WT: 45 LBS. RDR CRV-46283 NEW \$39.50 MANUAL ... \$5.00

AUTOMOTIVE

MOTOR EX-RAY IGNITION OSCILLOSCOPE

HEYER MODEL 326-A 115 VOLT 60 CYC

USED TO GIVE A VISUAL INDICATION

OF THE PERFORMANCE OF SPARK

PLUGS, COIL AND DISTRIBUTOR

OR ON A 3" CATHODE RAY

TUBE #SG-2732. SELECTOR

SWITCH FOR 16 KV & 32 KV

PATTERN CONTROL KNOB AT

HANDLE, 9 1/2" 3 PRONG LINE

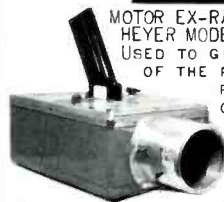
CORD, 5 1/2" TEST LEADS.

SOLD AS USED, LESS CR TUBE SG-2732 AND NO

GUARANTEE AS TO OPERATION. (DO NOT KNOW SUB)

SIZE: 13x6x4 LESS HANDLE. WT: 8 LBS.

PRICE: \$5.95



DYNA-VISION ACCESSORY UNIT HEYER 336

TWO 4 1/2" METER 500 MICROAMP MOVEMENT.

TOP METER IS FOR CHECKING VOLTS-RPM

WITH SELECTOR SWITCH FOR THE 3 SCALES

0-18, 0-1000 & 0-5000. LOWER METER IS

FOR SPARK ADVANCE ALSO HAS SELECTOR

SW. AND PLUG FOR TRANSDUCER PICK-UP.

USES TUBES 6AL5, 6AU6, 5696, 2D21 AND

2/0A2. SIZE: 13x5x5; WT: 13 LBS.

SOLD AS USED, NO GUARANTEE AS TO OPER

ATION FOR IT'S INTENDED USE.

PRICE: WITH TUBES \$13.95 LESS TUBES \$9.95



WINCO AMMETER; BRASS

CASE, CHROMED, 2 1/2" RD.

SCALE 100-50-0-50-100

#AW-301BL \$1.95

SPARTON HORN; 12 V.D.C

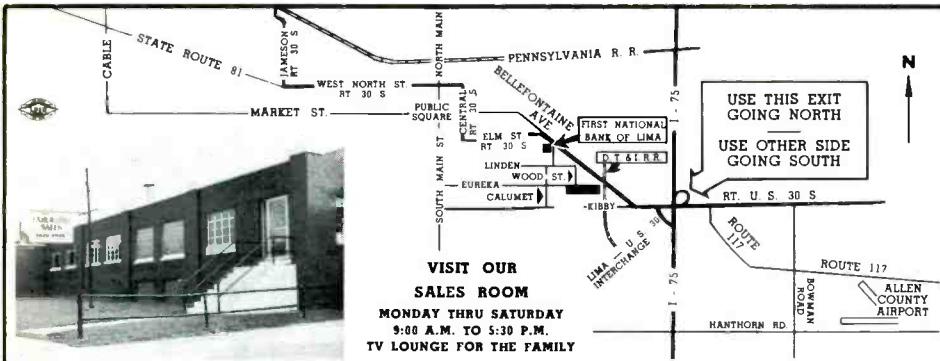
HIGH PITCH, MODEL SA

OEM PART NO. S-34.

5 1/2x6 1/2x2 1/2; 3LB. \$1.75

5 1/2x6 1/2x2 1/2; 3LB. \$1.75

5 1/2x6 1/2x2 1/2; 3LB. \$1.75



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TV LOUNGE FOR THE FAMILY

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 A PRAYER AWAY**



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3BP1 \$5.95 5BP1 \$ 5.95
 3ACP1 5.95 5ADP7 15.00
 3LP1 5.95 5SP7 5.95
 3FP7 1.95 5CP1 5.95
 3HP7 1.95 5FP14 5.95
 7CP1 5.95

16STRPA \$15.00
 Z4535P2 10.00
 GL-4592 10.00
 Z4516P11 20.00
 K1235P7 10.00
 1046797 20.00
 KC-2644PEO 25.00

F.M. TUNER 88-108 MHZ
 THREE TRANSISTORS IN R.F.
 OSCILLATOR & MIXER STAGES
 10.7 MHZ OUTPUT. MINITURE
 CONTRUCTION BY LEAR CO.
 SIZE: 2 1/2 x 1 1/2 x 1; WT: 4 OZ.
 LEAR#604-236 USED \$1.00

MATCHED METERS CHROME PLAT
 ED 2 1/2" SQUARE, 2" HOLE MTG.
 0-30 VOLTS DC #1046A-12
 \$1.95
 DC AMPERES 400-0-400 SCALE
 INDUCTION TYPE MOVEMENT.
 #1696-1B \$1.95

1D-30/APS-2
SCOPE INDICATOR
 5FP7
 CATHODE RAY
 TUBE WITH
 CONTROLS &
 CABLES ALSO MOUNTING.
 SIZE: 14x6 1/2 x 6 1/2; WT: 14 LBS.
 PRICE: \$6.95

STERO PRE-AMPLIFIER
 EIGHT TRANSISTORS, CONDENSERS
 RESISTORS, TRIPLE POT
 ENTIONMETER WITH ON-OFF SW.
 ALL MINITURIZED ON CIRCUIT
 BOARD 1 1/2 x 5 1/2 x 1 1/2; WT: 8 OZ.
 PRE-AMP#294 \$1.00

RHEOSTAT CONTROL
 UNIT FOR HEATED
 CLOTHING; 100 WATT
 5.75 OHM RHEOSTAT
 MOUNTED IN CONTROL
 BOX WITH INDICATOR
 KNOB ALSO ON/OFF SWITCH &
 DUAL LOCKING TYPE SOCKETS
 FOR INPUT AND CONTROLLED
 OUTPUT VOLTAGES.
 SIZE: 5x4x2; WT: 3 LBS.
 TYPE Q-1C UNUSED \$2.95

BC-1153
SCOPE INDICATOR
 5FP7
 CATHODE
 RAY TUBE
 CONTROLS FOR CENTERING, HOR
 VERT. AZIM. INTENS. FOCUS,
 & SCALE ILLUM. W/CABLE.
 SIZE: 14x7x6; WT: 15 LBS.
 PRICE: \$5.95

SYNTHESIZER I.F. & A.F.C
 DETECTOR STRIP ASSEMBLY.
 FIRST IF MIXER APPROX. 12
 MHZ, 2 STAGES OF AMPLIFICA
 TION FEEDS INTO MIXER WITH
 IF APPROX. 500 KHZ, WITH
 TUBES 3/5702, 1/5703, 1/5829
 & 1/5784, 2/UG-1051 COAX.
 CONN. CRYSTAL SOCKET, INPUT
 CONN. RESISTORS, COND. ETC.
 SIZE: 9 1/2 x 3 x 1; WT: 3 LBS.
 #RD-28105 USED \$2.95

GEARED MOTOR &
POTENTIOMETER
 CONTROL. EASTERN
 AIR MOTOR J33D-
 24 1/2 120 v. 400cy
 1/50 H.P. CONNECTED
 TO GEARED
 ASSY TERMINATING
 TO SPLINED SHAFT
 RECEPTACLE, SMALL
 TYPE, THAT TURNS 45 RPM,
 ALSO GEARED TO TRIPLE GAN-
 GED POTS. THAT TURN 1/5 RPM
 WITH INDICATOR, 2 POTS 1K
 OHM 1/200K. SIZE: 5 1/2 x 3 1/2 x 3.
 WT: 3 LB. #7608155 REM \$3.

CURRENT TRANSFORMER
 FOR USE WITH
 AC AMMETER, MOLDED
 TOROIDAL CONST
 200/115 v 400 CPS
 CURRENT RATING
 500: 0.65
 AMP. SIZE 2 1/2 x 2 1/2 x
 1/2 IN. 4oz, #7499 \$.75

CURRENT TRANSFORMER SIMILAR
 TO ABOVE BUT OF OPEN TOROID
 AL CONST. RATING 250: 2AMPS
 400 CPS. WESTINGHOUSE TYPE
 AVT-15A. 3x3x1, 8oz \$.75

TIMER
 SPRING WOUND
 360 DEGREES
 ONE HOUR, CAN
 BE TURNED
 ANY DEGREE &
 BELL WILL
 RING WHEN
 SPRING IS UN
 WOUND. SLOTTED & FLATENED
 SHAFT FOR KNOB. LUX#230
 SIZE: 2 1/2 x 1 1/2; WT: 4 OZ. \$1.00

BC-1152 SCOPE
INDICATOR 3"
 CATHODE RAY
 TUBE 3HP7, 1/
 6H6. CONTROLS
 FOR CENTERING
 HOR. VERT. AZIM. INTENS.
 FOCUS & SCALE ILLUM. CABLES
 WITH 3 PL-259 COAX. CONN.
 H.V PLUG & CONTROL PLUG.
 SIZE: 14x5x5; WT: 10 LBS.
 PRICE: USED \$4.95

ROTARY ACTUATOR
 WILL OPERATE
 FROM 12-28
 VDC, 12 POSI
 TION, 30
 DEGREES EA.
 2 1/2" SHAFT AND RODS FOR MOUNTING
 WAFFER SWITCHES. MOUNTING
 2 1/2 x 3 1/2" H. WT: 1 LB.
 #MX167869G1 \$1.50

BUZZER 24/28
 VOLTS D.C. IN
 SEALED CAN.
 TWO HDLE MTG.
 SIZE: 3x2x1 1/2;
 WT: 1 LB. #MH-12079 \$1.00

ACCELEROMETER
 WITH DIARSONVAL MOV
 EMENT WITH FLAG NEE
 DLE THAT CONTROLS
 THE AMOUNT OF LIGHT
 THAT APPEARS IN THE
 SLOTTED OPENING IN
 ACCORDANCE WITH THE VOLTAGE
 APPLIED TO THE METER MOVEMENT.
 SIZE: 2 1/2 x 3 1/2 x 1 1/2; WT: 1 LB
 NK-3 ACCELEROMETER \$1.50

STOVE TIMER
 115 v. 60 cyc
 WITH TURN-ON
 & TURN-OFF 6
 HOUR LIMIT.
 DUAL HEAVY DUTY CONTACTS.
 SIZE: 6 1/2 x 3 x 2; WT: 2 LB.
 INT. E-10694 \$.50

1D-11/APS-4
SCOPE INDICATOR
 3FP7 CR
 2/6J6
 TUBES.
 SIZE: 15 1/2 x 3 1/2
 WT: 8 LBS. UNUSED \$8.95

GENERAL ELECTRIC
HEAVY DUTY
MULTI-SWITCH
 FOUR CONTACT 3
 POSITION & OFF.
 POS. 1 & 2, 2 & 3, AND 3 & 1
 SIZE: 5 1/2 x 4 1/2 x 2 1/2; WT: 3 LBS.
 GE#16816GF11X4/SB-1 \$4.95

R.F. DETECTOR HEAD
 WITH 4 BCN COAX. FIT
 TINGS FOR
 UG-88, RES
 COIL AND
 COND. NETWORK. ONE
 OF THE COAX. INPUT
 IS CONNECTED TO THE
 CAP OF 2B22 TUBE THRU
 THE CAPACITOR. WITH 2B22 TUBE.
 WT: 2 LB.
 #6625-517-5678 NEW \$8.95

TRAILER LIGHTS
BALANCING LOAD
 ASSY. USED FOR
 TAIL AND STOP
 LIGHTS. CONTAINS
 RESISTORS 1.1
 40 WATT, 1.5
 40 WATT, .6 &
 .8 OHM 70WATT
 SIZE 7x2x4;
 3 LBS. MOPAR#B7015812 \$1.50

MAGNETIC AMPLI-
FIER SENSING
 UNIT; THIS UNIT
 HAS 8 TERMINALS
 AND WAS MFG. BY MAGNETIC
 AMPLIFIERS INC. THE SPECS.
 WE DO NOT HAVE AVAILABLE.
 SIZE: 2x2x4; WT: 1LB.
 MAC#60079.16 UNUSED \$1.50

AM-5/APS-4
INDICATOR
 AMPLIFIER, FOR
 1D-11/APS-4 IND
 CATOR, HAS ALL
 CONTROLS ALSO
 TUBES 2/6J6,
 6SL7 & 6J6.
 INDICATOR CABLE PLUGS INTO
 THIS UNIT.
 SIZE: 4x5x7 1/2; 5LBS. \$9.95

BLOWOUT
DUAL
OUTLET
 12 VOLT DC
 1500 R.P.M
 50 CFM
 ROTARY
 RELAY FOR
 2 DECK
 SWITCH
 BCN COAX. CONN. PT#790292
 6 1/2 x 5 1/2 x 5; 6 LBS. \$5.95

RF PRE-AMPLIFIER
 150 MC WITH
 TUBES 3/6AS6
 1/6AK5, 28VDC
 ROTARY
 RELAY FOR
 2 DECK
 SWITCH
 BCN COAX. CONN. PT#790292
 6 1/2 x 5 1/2 x 5; 6 LBS. \$5.95

JOHNSON VARIABLE CAPACITOR
 DUAL 37-305 MMF SECTION,
 7000 VOLTS PEAK CONTINUOUS
 ROTATION. SIZE: 18 1/2 x 5 1/2 x 5 1/2;
 WT: 8 LBS. GEARED DRIVE.
 JOHNSON#152-504 \$9.95

R.F. INTERFERENCE
 FILTER; 20 AMPS
 50 VOLTS D.C.
 CASE IS GROUND.
 SIZE: 2 1/2 x 2 1/2 x 1 1/2; WT:
 THOMPSON#TF-55363 \$.75

C-12/APS-4 CONTROL BOX \$10
 J-84/ " JUNCTION " 5

TRANSMITTER VARIABLE CAP.
 50-400 MMF. 7000 VOLT PEAK,
 SIZE: 16 1/2 x 6 x 6 1/2; WT: 8 LBS.
 #7765118-1 COND. REM. \$8.95

PRECISION
POWER RESISTOR
 1 OHM, 250 WATT
 5%. FOUR MTGS.
 FEET. SIZE: 6 1/2 x 3 x 2 1/2; WT: 3 LB
 DALE#RH-250 \$1.50

WORLD'S FINEST ELECTRONIC SURPLUS



Catalog No. 71

Our 24th Year

**MANY NEW
ITEMS
CHECK EVERY PAGE!**

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INFORMATION
SEE PAGE 2

MINIMUM
ORDER \$3.00

Fair Radio Sales Co.

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Lima, Ohio 45802 419/223-2196

CATALOG
INFORMATION

This IS the only
catalog we will
issue this year.

A supplement will
be sent in the Fall.

TRANSMITTER



RCA ET-8019-A RADIOTELEGRAPH TRANSMITTER AN/SRT-4A AM-CW-MCW 200 WATTS, CRYSTAL OR MASTER OSCILLATOR CONTROL. WITH TUBES 1/807 IN OSC. STAGE, 1/807 IN BUFFER AMPL. AND 2/813 IN POWER AMPLIFIER STAGES. METERS 3 1/2" READ FIL. VOLTS. GRID CUR. PLAT CURR. OSCILLATOR DIAL 3 1/2", PLUS ALL THE CONTROLS YOU NEED FOR A GOOD TRANSMITTER. POWER SUPPLY 115 VDC @ 11 AMPS. SUPPLIES 1200 VDC 500 MA. 110 VOLTS 500 CYCLE, 1.59 AMPS, 75 VOLTS 83 CYC. 1.35 AMPS. COMPLETE WITH TUBES, SPARE 813 & 807, MOTOR STARTER, FILTER, GENERATOR CONTROL, FUSES, BRUSHES, SNUBBER, 2 CRYSTALS, MANUAL ETC. TRANS. SIZE: 39" HIGH, 14 1/2" WIDE, 19 1/2" DEEP. 135 GENERATOR SIZE: 27 1/2" x 9 1/2" x 14 1/2". WT: 236 LBS. SHIPPED IN 3 WOOD BOXES TOTAL WEIGHT 794 LBS. PRICE: RE-NEW ORIGINAL BOXES \$150.00

AUTO-ALARM RECEIVER



AUTO ALARM RECEIVER AR-86COX FOR 500 KC DISTRESS FREQUENCY. THE INTERNATIONAL AUTO ALARM SIGNAL CONSISTS OF A SERIES OF DASHES FOUR SECONDS IN LENGTH, SEPARATED BY SPACES HAVING A DURATION OF ONE SECOND. WHEN THE CORRECT SIGNAL IS RECEIVED IT WILL ACTUATE THE WARNING BELL. THIS RECEIVER-SELECTOR WAS DESIGNED FOR SHIPBOARD USE AND REQUIRES 115 VDC 1.5 AMPS. FOR THE PLATE, SCREEN, FILAMENT VOLTAGE ALSO 6 VDC FOR THE BELL AND RELAY, MAX. 3 AMP. WITH TUBES 2/6K7, 1/6H6, 1/6A8 & 5/1611. W/ALARM BELL SIZE: 26x14x11; SHPG. WT: 100 LBS. MANUAL \$7.50 PRICES: SERVICEABLE; USED \$50.00 UNUSED \$75.00

SCOPE ACCESSORY



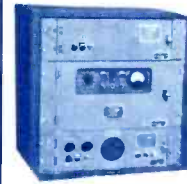
TS-433/U SQUARE WAVE GENERATOR-SIGNAL AMPLIFIER AND ELECTRONIC SWITCH. THE ELECTRONIC SWITCH MAKES POSSIBLE THE SIMULTANEOUS OBSERVATION OF TWO RECURRENT PATTERNS ON THE SCREEN OF A CATHODE RAY OSCILLOSCOPE BY PROVIDING 2 INDEPENDENT TIME BASES. DIRECT COMPARISONS OF AMPLITUDES, WAVEFORMS, FREQUENCIES AND PHASE RELATIONSHIPS MAY BE OBSERVED... A SQUARE WAVE VOLTAGE OF VARIABLE FREQ. AND AMPLITUDE IS AVAILABLE AT THE OUTPUT TERMINALS FOR USE AS A TEST SIGNAL IN STUDYING THE TRANSMISSION CHARACTERISTICS OF VACUUM TUBE AMPLIFIERS OR OTHER CIRCUITS... DIRECT COUPLED AMPLIFIERS ARE DESIGNED FOR "CHOPPING" A DC SIGNAL MAKING IT SUITABLE FOR TRANSMISSION THROUGH THE AC AMPLIFIERS WHICH USUALLY ARE FOUND IN OSCILLOSCOPES. SWITCHING RATE CONT. VAR. 10 TO 2000 TPS... SQ. W. GEN. CONT. VAR. 10-500 CPS. AMPL. CONT. VAR. TO AT LEAST 30 V. P TO P... SIG. AMPL. FREQ. RESP. UNIFORM 0 TO 5000 CPS. INPUT IMP. 100,000 OHMS. OUTPUT IMP. 50,000. POWER REQ. 115/230 V. 50/60 CYCLE. SIZE: 15 1/2" x 13 1/2" x 18; WT: 20 LBS. USED \$24.95 PRICES, SERVICEABLE NOT CHECKED UNUSED \$32.95

U.H.F. RECEIVER



R-48/TRC-8 RECEIVER F.M. 230 TO 250 MC. ONE BAND VARIABLE TUNING, VOLTAGE REQUIRED 115/230 60 CYC WITH SPEAKER, PHONE JACK, SQUELCH CIRCUIT 2 1/2" METER FOR CIRCUIT CHECKING. WITH TUBES 8/6AG7, 1/9002, 1/5U4, 1/6V6, 1/VR-150, 1/6N7, 1/6SN7, 1/6AL7. SIZE: 20x19x16; WT: 75 LBS. USED \$34.95

RADIO TELEPHONE LINK



AN/TRC-47 RADIO SET IS PRIMARILY USED AS PART OF A 3 MILE SINGLE CHANNEL RADIO LINK IN A TWO WIRE TELEPHONE SYSTEM. A CONVERTER IS USED TO CONNECT THE TWO SYSTEMS. THE UNIT IS SINGLE CHANNEL AM CRYSTAL CONTROL FOR USE IN THE 132 TO 150 MC BAND AND REQUIRES 115 OR 230 VOLTS 50 TO 400 CYCLE FOR OPERATION. THE TRANSMITTER OUTPUT IS 7 WATTS AND COMES WITH TUBES 1 EA. 2E26, 5763, 5R4, 6AK6, 0A2 12AX7, 2 EA. 12AU7 & 6L6, TUNING METER & METERING SW... RECEIVER HAS SPEAKER AND TUBES 1 EA. 12AT7, 6AQ5, 12AX7, 6AX5, 2 EA. 6RA6, 6J6, 0B2 & 4/6AK5... THE CONVERTER IS A COMBINED RINGING SIGNAL CONVERTER AND ELECTRONIC HYBRID NETWORK. IT CONVERTS A 20 CYCLE SIGNAL TO A 800 CYCLE AND 800 CYCLE FROM THE REC TO 20 CYCLE SO THE SIGNALS CAN BE TRANSMITTED AND ADAPTES TO TWO AND FOUR WIRE TEL. SYSTEMS. WITH TUBES 3 EA. 12AT7, 1 EA. 6AS6, 6AK6, 0B2, 2/0A2 & 3/6X4. CABINET SIZE 21 1/2" x 14 1/2" x 22 1/2"; SHPG. WT: 100 LBS. PRICES: USED SERVICEABLE \$59.50 UNUSED \$79.50 AS-813/TRC-47 GROUNDPLANE TYPE CORNER REFLECTOR ANTENNA FOR USE IN THE 132-150 MC BAND WITH DIRECT RADIATION ALONG A NARROW BAND, 50 OHM IMPEDANCE. THE BASE IS MADE OF PERFORATED ALUMINUM PLATE WITH ALUMINUM FRAME AND IS TRIANGULAR IN SHAPE, 65" ON 2 SIDES AND 89" IN FRONT. THE ELEMENT IS MOUNTED IN THE CENTER AND IS ADJUSTABLE FROM 17 TO 21 1/2" IN. TWO SIDES OF THE REFLECTOR ARE FORMED 16 VERITABLE RODS 42" LG. THAT ARE SCREWED INTO THE FRAME. THE UNIT CAN BE MOUNTED ON A POLE OR MAST. SHIPPING WT: 55 LBS. SENT KNOCKED DOWN BY MOTOR FREIGHT OR REA ONLY. \$30.00 MANUAL FOR AN/TRC-47 RADIO SET... \$10.00

RECEIVER



THIS IS ONE OF THE BEST RECEIVERS THE ARMY HAS USED FOR MANY YEARS. THEY ARE HIGHLY SELECTIVE AND SENSITIVE FOR USE IN THE 1,500 TO 18,000 KC RANGE IN SIX BANDS WITH BFO, CRYSTAL PHASING, MVC, AVC FAST AND SLOW TUNING, LARGE ILLUM. DIAL, CW-OSC. CONT., REC-SEND SW., VOL. CONT., MIC. JK, SPEAKER & PHONE JK, ALIGN-ANT. CONT., 470 KC IF., WITH TUBES 2/6C5, 4/6K7, 1 EA. 6F6, 6L7, 6R7 THIS REC. IS SAME AS BC-312 ONLY LATER VERSION SIZE: 18x9x9; WT: 60 LBS. R-336 REC. W/RA-20 115 V 60 CYCLE POWER SUPP. USED SERVICEABLE \$65.00 USED CHECKED \$84.95 OA-65 REC. W/RA-20 115 V. 60 CYC P.S. 2 CAN BE USED TO MAKE A DUAL DIVERSITY IN CONJUNCTION WITH O-59 OSCILLATOR-AMPLIFIER. USED SERVICEABLE \$75.00 USED CHECKED \$89.95 O-59 OSCILLATOR-AMPLIFIER USED SERVICEABLE \$10 RA-20B POWER SUPPLY 115V 60C SERVICEABLE \$20. DM-21 DYNAMOTOR 12 VDC USED \$10. FT-162 SHOCKMOUNTING UNUSED \$2.95 PL-114 PLUG & CABLE F/REMOTE USE \$2.75

POWER AMPLIFIER



AM-8/TRA-1 POWER AMPLIFIER FOR 70-100 MC F.M 200 WATT WITH A RF INPUT OF 25 WATT (APPROX.) IMPEDANCE 70 OHM USES 2/4E27 TUBES IN CLASS "C" PUSH-PULL TUNED PLATE CIRCUIT AND 3/0D3 V.R TUBE THE FILAMENT TRANSFORMER 5 V. CT 15 A. IS SUPPLIED IN THE UNIT, -100 VDC, 450 VDC @ 40 MA AND 2000 VDC 250 MA ARE ALSO REQUIRED BUT ARE NOT IN THE UNIT. A 115 V. 60 CYCLE BLOWER IS ALSO IN THE EQUIP. VAR. CAP. DUAL 5-50 & 7-35 MMF SIZE: 16x10 1/2" x 12; WT: 55 LBS. IN CHEST 100 LBS PRICES: USED \$18.95 RE-COND. \$24.95 CHEST \$3

FAIR RADIO SALES

ONE (1) MADC MOVE MENT, FACE MARKED "SET TO RED LINE" CENTER RED LINE. TRIPLET 327-T 3" sq.
#6625-255-0121 NEW \$5.95

500 MICROAMP DC MOVE. FACE MARKED "SET TO RED LINE" LINE LEFT CENTER MARKED "6 V" TOP "150 V" BOTTOM. 3 1/2" ROUND SEALED, RUGGEDIZ. TELECTRO TM-263.
#6625-255-0121 NEW \$6.95

425 MICROAMPERES D.C. 4x4 1/2 SCALE, TOP 0-60 BOTTOM 0-3/15/60 MARKED ACV DCV AND MILLIAMPERES. P/O 1-135E TEST SET, M-1 #P30033 USED \$6.95

0-1 MADC SCALE, 1 1/2" SQUARE, SEALED RUGGEDIZED. MARION ELECTRIC. #MR13WOODICMA RE-MOVED NEW \$4.95

PHASTRON CLEAR PLASTIC CASE 50 MICRO AMP D.C. 0-5 SCALE 3 1/2" #715-16-20 \$4.95 NEW

500 MICROAMPS. D.C. RES. 300 OHM DC. 1 1/2" SQ. 1-3/8" MTG. DEJUR MOD. 112 STK #3F3312-6.6 \$4.95

HOYT D.C. AMPERE METER 0-15 SCALE MIRRORED TYPE IN PORTABLE METAL CASE WITH TEST LEADS. 5 1/2 x 6 1/2 x 2 1/2 WT: 3 LBS. #17A5200 \$3.95

MULTIMETER USED TO TEST AIRCRAFT CIRCUITS. FULL-SCALE 100 UA. 1100 OHMS 10% 4x4 1/2 x 5 WT. 3 LBS USAF-5200-474900 \$4.95

MICROMHOS DYNAMIC MUTUAL CONDUCTANCE USED IN 1-177 TUBE CHECKER BASIC 0-1.4 MA. HICKOK #1547A STK #3F1350 \$4.95

INTERNATIONAL SCALE 0-5/25 FS-200 UA, 1 1/2" HOLE MTG. MARK YDS X 1000 \$2.95 NEW #6625-519-7432

DECIBELS

-8 TO 0 TO +6 SC. FS-3.79 VAC, 3RD WEST #PA-33543 USED \$3.95

-8 TO 0 TO +6 SC. 6 MILLIWATTS, 600 RD. WESTON 301/21 USED \$3.95

-10 TO 0 TO +6 MILLIWATT 600 OHMS, RECTIFIER TYPE WESTON 506/MR24#124 \$2.95

POWER SET +6 TO 0 TO -3 2 1/2" RD. FS-200 UA, WAJLINE 1496/400 RUGG/SEAL U \$3.95

WARNING TYPE RED KNOB IN FR. CONTROLS RED POINTER WHICH MAY BE SET ANY WHERE ON THE DIAL. IF THE CURRENT FALLS TO THIS POINT IT CLOSSES A CONTACT THAT CAN ACTUATE THE WARNING DEVICE SUCH AS RELAY, BELL ETC. PLASTIC CASE 2 1/2" FACE. N.M. #23399 0-1 DCMA #23665 0-100 DCMICROAMPS. USED \$8.95 SPECIFY TY

TS-352 MULTIMETER REPLACEMENT METER 4 1/2" FULL SCALE 50 MICROAMPERES. RUGGEDIZED SLS SCALES 0-3000 OHMS, 0-2.5/5/10 D.C., 0-2.5/5/10 A.C. #6625-669-0345 NEW \$8.95 WX-8158/U MULTIPLIER KIT FOR TS-352 MULTIMETER \$3.

SELSYN METER FOR CHECKING LEAD AND LAG. TERMINALS FOR 115 VOLT A.C. AND FROM SEL SYN. 4 1/2" DIA. WESTON 543/245620 U \$6.95

CARRIER LEVEL 0-100 DB SCALE FS: 1 MA DC, SEALED 1-7/8" INTERNATIONAL #6625-841-3326-W180 NEW \$3.95

DC AMMETER FS-1 DCMA NEGATIVE-CENTER- POSITIVE. CLEAR PLASTIC CASE, 1 1/2" SINGLE HOLE PRESS MOUNTING. #3.95 ASP-368 INTERNATIONAL

MOTORAIDE REGULATOR 0-10 DCV SCALE 0-20 " " " 0-60 DCA " " 0-1 MA MOVEMENT 3 1/2 x 5 1/2; NEW \$3.95

100-0-100 DC VOLT 300-0-300 DC VOLT SCALES WITH SHUNT AND INSTRUCTIONS 3 1/2" GE-DO-41BAA4 NEW \$4.95

MATCHED METERS CHROME PLATED 2 1/2" SQUARE, 2" HOLE MTG. 0-30 VOLTS DC #1046A-12 \$1.95 DC AMPERES 400-0-400 SCALE INDUCTION TYPE MOVEMENT. #1696-1B \$1.95

GE AC AMMETER 0-125 SCALE 0-1 A 400 CYCLE MOVE. 2" sq. #2319-6625-649-1982 NEW \$3.95

A.C. AMPERES

0-75 ACA SCALE, 3 1/2" ROUND SIMPSON MODEL 56 NEW \$5.95

0-150 ACA SIMPSON NEW MODEL 56 3 1/2" RD. \$5.95 MODEL 57 3" sq. \$5.95

OTHER SCALES AVAILABLE, ADVISE US OF YOUR NEEDS.

1016 E. EUREKA
BOX 1105, LIMA, OHIO 45802
TEL: AREA CODE 419 223-2196
STORE HOURS
9:00 A.M. TO 5:30 P.M.
MONDAY THRU SATURDAY

TERMS
PRICES NET, F.O.B. LIMA, OHIO
SEND CASH, CHECK or MONEY
ORDER with PURCHASE ORDER.
MINIMUM ORDER \$3.00.
Orders less than \$3.00
ADD \$.50 HANDLING CHARGE.

Include sufficient money for shipping charges. (UNUSED PAYMENTS RETURNED AT ONCE.) Otherwise we will send shipping charges collect.

C. O. D. ORDERS. SEND 25% of PURCHASE with ORDER. BALANCE will be COLLECTED UPON DELIVERY.

When writing for information PLEASE state what specific information you desire.

D.C. MICROAMPS.

0-200 D.C. MICROAMPERES, 3 1/2" ROUND. CENTER ADJUSTMENT. USED WE#167807 \$4.95

0-300 D.C. MICROAMPERES 2 1/2" ROUND, RUGGEDIZED, BLK FACE. HICKOK 56R. #6625-668-9286 NEW \$4.95

0-100 D.C. MICROAMPERES 2 1/2" ROUND, RUGGEDIZED, WHT. FACE, WESTON 1521. 6625-542-1691 NEW \$5.95

1-3/3-10 MICROVOLT AND 5-50 % MODULATION SCALE, FS-100 MICROAMP. 2 1/2" ROUND RUGGEDIZED. GAR260/219 N \$4.95

OTHER SCALE AVAILABLE. ADVISE US OF YOUR NEEDS.

D.C. AMPERES

DC AMPERES 3 1/2" 0-300 SCL USE W/ SHUNT 50 MV/200 A WESTON-M-643 ORD# 173030 \$6.95

0-15 DCA SCALE, 2 1/2" ROUND SIMPSON #126/MR24W015DCAA NEW \$3.95

0-30 DCA SCALE, 2 1/2" ROUND TRIPLET 221T/3F1030-22 NEW \$3.95

20-0-20 DCA SCALE, 3 1/2" RD. MARKED CHARGE-DISCHARGE WE#D164277 USED \$4.95

0-150 DCA SCALE, 2 1/2" RD. FS-15 MA. MOVEMENT. WEST.#12058528 USED \$1.95

OTHER SCALES AVAILABLE, ADVISE US OF YOUR NEEDS

1-139 TEST METER FOR SCR-522 RADIO USED FOR ALIGNMENT & SETTING CHANNELS 0-1 MA METER WITH CORD & PLUG. SIZE: 3x3x2 WT: 2LB. \$6.95

D.C. MILLIAMPS.

0-200 MADC SCALE, 2 1/2" ROUND DEJUR S-210/MR25200DCMA USED \$2.95

0-200 MADC SCALE, 3 1/2" ROUND GE#DO-41/CG-22063 NEW \$4.95

0-200 MADC SCALE, 3 1/2" SQUARE WESTON 301/9237 NEW \$4.95

0-15 MADC SCALE WITH EXT. SHUNT SUPPLIED FOR 0-300 MA DC SCALE, 3 1/2" ROUND. SIMPSON #3F901E5 NEW \$5.95

0-25/250/500 SCALE, 3 1/2" SQUARE SIMPSON #6625-688-5037 NEW \$4.95

0-5/10/50 GRID BIAS VOLT SC 0-1 MA. MOVE. D.C. RUGGEDIZ. VARIOUS MFG. #MEB-1001 \$3.95

0-500 MADC SCALE, 2 1/2" ROUND VARIOUS MFG. NEW \$5.95

0-50 MADC SCALE, 3 1/2" ROUND WESTON 301 USED \$4.95

0-25 MADC SCALE, 0-1 MA. MOVE. RUGGEDIZED, BLK. FACE WESTON #1521/GA-52832 USED \$4.95

0-100 MADC SCALE, 0-1 MA. MOVE. 2 1/2" ROUND, RUGGEDIZED BLK. FACE. WESTON #1521/51273. USED \$4.95

MANY OTHER RANGES IN STOCK USED 2 1/2" ROUND OR SQ. \$2.95 NEW " " " " \$3.95 USED 3 1/2" " " " " \$4.95 NEW " " " " \$5.95

DC MILLIAMPER 2 1/2" 0-15 & 0-300 SC. 0-300 SC. USE EXT. SHUNT .35 OHM USED W/RC-669 VARIOUS MFG. STK#3F930-14 \$4.95

A.C. VOLTMETERS

0-150 VAC SCALE, 2 1/2" ROUND SIMPSON #155/30514 NEW \$3.95

0-10 VAC SCALE, 2 1/2" ROUND TRIPLET #232/CTO-22079 USED \$2.95

0-3-10-30-100 VAC SCALES(4) 2 1/2" ROUND, RUGGEDIZED, SEALED, FS-1.5 VAC #210-07231 UNUSED \$4.95

0-300 VAC SCALE, 2 1/2" ROUND WESTON RUGGEDIZED, DIRECT READING. #3F8300-72 N. \$3.95

WESTON VAC SCALES, 3 1/2" RD. 0-1 0-10 0-50 0-75 0-80 MODEL 301/476 SPECIFY RANGE DESIRED. USED \$4.95

0-50 V 1000 CYC. SCALE, 3 1/2" ROUND GE#VAT4M50 USED \$4.95

MANY OTHER RANGES IN STOCK 0-1 TO 0-50, 3 1/2" RD OR SQ ALSO 2 1/2", SPECIFY SIZE & RANGE. 2 1/2" " \$2.95; NEW \$3.95; 3 1/2" " \$3.95 N \$4.95

380 TO 420 CYCLES SCALE, 115 VOLT COILS, 5 1/2" ROUND, FOR USE WITH EXT. REACTOR. WESTH.#DY/724979 USED \$7.95

0-40 V 400 CYC. SCALE, 2 1/2" ROUND, WESTON 507/S-15172 NEW \$3.95

D.C. VOLTMETERS

0-50 VDC SCALE, 2 1/2" ROUND, MARKHAM, RUGGEDIZED SEALED MR265050DCV UNUSED \$3.95

0-15 DC-AC VOLTS SCALE, 2 1/2" ROUND, VARIOUS MFG. TYPE IS-122 USED \$2.95

0-15 AC-DC VOLTS SCALE, 2 1/2" ROUND, VARIOUS MFG. D.C. TYPE IS-122 USED \$2.95

0-75 VDC SCALE, 3" RD. PROJECTION TYPE, WESTON 301, 1000 OHMS PER V. #248-7207 NEW \$5.95

0-1.5 VDC SCALE, 2 1/2" ROUND PHASTRON, RUGGEDIZED #683-9729 UNUSED \$4.95

0-500 VDC SCALE, 3 1/2" SQUARE HONEYWELL #231-1624 UNUSED \$5.95

0-2 KVDC SCALE, 2-1/2" SQUARE, FS-1 MA, 1000 OHM P/V WESTON #506/668-9743 \$4.95

0-50 VDC SCALE, 4x4 1/2 SQUARE 1000 OHMS P/V SIMPSON DRA# 38546 USED \$5.95

0-100 VDC SCALE, 3 1/2" ROUND FS-100 V. BURLINGTON #431/MR35W USED \$4.95

0-150 VDC SCALE, 3 1/2" ROUND GENERAL ELECTRIC DO-41 USED \$4.95

0-35 & 0-350 VDC SCALE, 3 1/2" ROUND, FS-1 MA. #3F8350 UNUSED \$4.95

0-15 & 0-600 VDC SCALE, 2 1/2" ROUND, FS-1 MA. VARIOUS MFG. PC-90609C/3F6299 NEW \$3.95

WESTON D.C. VOLTS, 3 1/2" RD. 0-80 0-200 0-250 0-300 0-350 0-500 CHOICE, SPECIFY RANGE. USED \$4.95

18-36 VDC SCALE, 2 1/2" ROUND DIRECT READING. MARION ELECTRIC #HS-2/414A USED \$2.95

R.F. AMMETERS

WESTON MODEL 643 3 1/2" FACE 4 1/2" MTG 2" DEEP, 2 1/2" TMR #175606 0-50 VOLTS D.C. \$12.95 No. 16184 D.C. AMPERES SC. 30-0-100 REQ. 50 MV SHUNT \$12.95

0-100 SCALE, FULL SCALE 1.2 MA. MOVE. 2 1/2" DIA. USED WITH RC-604/684. GE-DW-52 3F910-7 USED \$1.95 NEW \$2.95

WESTON USED \$2.95 NEW \$3.95 THERMOCOUPLE FOR DIRECT READING SCALE \$1.00

0-150 RF MA SCALE, 2 1/2" ROUND SIMPSON, RUGGEDIZED 3F917-56/6625-668-5848 NEW \$5.95

SAME AS ABOVE WESTON \$6.95

0-20 R.F.A. SCALE, 3 1/2" ROUND GE-DO41/CG-22037 USED \$4.95

CHOICE OF SCALES R.F.A. 2 1/2" ROUND 0-1.5 0-5 0-9 0-10 USED \$3.95 SPECIFY

OTHER R.F. METERS IN STOCK SPECIFY SIZE AND RANGE.

HIGH BAND

FM — TRANSMITTER — RECEIVERS

LOW BAND



R-394/U RECEIVER F.M. 152-172 MC. SINGLE CHANNEL CRYSTAL CONTROL DUAL CONVERSION, CRYSTAL FREQ. RANGE 24.033 TO 27.7 THIRD OVERTONE, TYPE CR-32/U, 1.F. FREQ. 7.8 MC & 455 KC. 15 KC DEVIATION, OUTPUT IMPEDANCE 8 OHMS, POWER 6 WATTS, SQUELCH AND MUTING CIRC. MODULAR CONSTRUCTION WITH PLUG-IN UNITS FOR EASY SERVICING.

1ST R-F AMPL. UNIT W/TUBES 1/5840 2/1A4D4.....LOCAL OSCILLATOR UNIT W/TUBES 2/1A4D4, 1/5678, 1/VR31-5783

.....1ST I-F 7.8 MC UNIT W/TUBES 3/5678.....2D I-F AND DISCRIMINATOR UNIT WITH TUBES 7/5678.....AUDIO AND SQUELCH UNIT WITH TUBES 3/5678, 1/5672, 1/6AK6 ALSO 455 KC SELECTIVE FILTER UNIT WHICH IS WIRED, NOT PLUG-IN. ILLUSTRATION SHOWS THE PLUG-IN UNIT AND THE COMPARTMENT WHERE THE POWER SUPPLY IS ALSO PLUGGED INTO. COVER IS SUPPLIED AND HELD IN PLACE BY A SPRING LOADED FASTNER. POWER SUPPLIES, CONNECTOR, CONTROL UNIT AND OTHER ITEMS THAT ARE USED WITH THIS SET ARE LISTED ELSEWHERE ON THIS PAGE.

SIZE: 8 1/2 x 5 1/2 x 14 1/2; WT: 19 LBS.

PRICES: USED GOOD CONTITION.....\$14.95
GOV'T RE-CONDITIONED..... 22.50



R-257 RECEIVER 25 TO 50 MC FM SAME AS R-394 RECEIVER ONLY DIFFERENT FREQUENCY RANGE. USES ALL THE SAME ACCESSORIES POWER SUPPLIES, TUBES ETC. SAME SIZE AND WEIGHT.

USED \$19.95



T-208/U TRANSMITTER F.M. 25 TO 50 MC 25 WATTS. SINGLE CHANNEL CRYSTAL CONTROL, 15 KC DEVIATION, VOICE ONLY TRANSMISSION. CRYSTAL UNIT CR-27/U, FREQ RANGE 1,562.5 TO 3125 KC. X 16 FOR ALL FREQUENCIES. 100 MV CARBON MIC. WITH TUBES 3/2E24, 1/384, 2/5672 4/5678 & 3/1A4D4.

VOLTAGES REQUIRED ARE AS SHOWN WITH DYNAMOTORS DY-93/12 V, DY-98/24 V. DY-100/6 V.

SIZE: 8 1/2 x 4 1/2 x 14 1/2; WT: 11 LBS. USED \$29.95



CHASSIS CONNECTORS TO FIT R-394, R-257, T-416 T-278, T-208 & SUPPLIES

TRANSMITTER PLUG P-401 CHASSIS CONNECTOR NO'S J-801, CANNON# DPD-A32C2-33S-2L \$2.50

RECEIVER PLUG R-252; CHASSIS CONNECTOR NO'S J-803, CANNON# DPD-A31C1-33S-2L \$2.50

POWER SUPPLY PLUG P-1203; CHASSIS CONNECTOR NO'S J-802, CANNON# DPD-30-33S-22 \$2.50

UG-77 PLUG ON 4 1/2 FOOT CORD.....\$1.00

H-33/PT HANDSET ON 4 1/2' CORD WITH UG-77 U \$5.95



T-278/U TRANSMITTER F.M. 152 TO 174 MC APPROX. 30 WATTS, CRYSTAL CONTROL ON ANY TWO (2) PRESET FREQ. PHASE SHIFT MODULATION 15 KC DEVIATION, CR-27/U CRYSTAL UNIT FREQ. RANGE 4750-5437.5 KC. MULTIPLIED 32 TIMES. WITH TUBES 2/384, 3/2E24, 4/5678, 2/5672 AND 2/1A4D4.

VOLTAGES REQUIRED AS SHOWN WITH DY-93 DYNAMOTOR ELSEWHERE ON THIS PAGE. USED \$18.95

SIZE: 8 1/2 x 4 1/2 x 14 1/2; WT: 12 LBS. UNUSED \$24.95

T-278 TRANS. LESS TUBES & CRYSTAL OVEN \$8.95

VHF TRANSMITTER-RECEIVER

GENERAL ELECTRIC FM TRANSCEIVERS 152 TO 174 MC CRYSTAL CONTROL SINGLE CHANNEL DOUBLE CONVERSION, 15 KC BAND WIDTH, 12 VOLT POWER SUPPLY. WITH CABLES AND CONTROL BOX.

TRANSMITTER 12 WATT, WITH TUBES 12AU7, 6C4, 2/6BJ6, 2/6BH6, 5763 & 2E25.

RECEIVER WITH TUBES 7/6BH6, 2/6AL5, 12AX7, 6AQ5, 12AT7, 6AK5 & 6U8.

GE MODEL #4ES12A3 SIZE: 10x7x17; WT: 40 LBS. PRICE: USED \$65.00



R-394 RECEIVER CHASSIS ONLY LESS ALL PLUG-IN UNITS AND FILTER, WITH CONNECTORS AND COVER. SHPG. WT: 10 LBS. USED \$4.95

LOCKING RECEPTACLE FOR CHASSIS..... \$2.50

R-394 RECEIVER PLUG-IN UNITS ONLY

1ST R.F. AMPL. W/TUBES 1/5840, 2/1A4D4 \$3.95

LOCAL OSCILLATOR W/TUBES 2/1A4D4, 1/5678 \$4.95

1/VR31-5783 & CRYSTAL. (NO CRYSTAL CHOICE)

2ND I.F AND DISCRIMINATOR W/ TUBES 5678 \$3.95

1ST I.F 7.8 MC. W/TUBES 3/5678 & CRYST \$4.95

AUDIO & SQUELCH W/TUBES 3/5678, 1/5672 AND 1/6AK6 \$3.95

SELECTIVE FILTER 455 KC. (NOT SHOWN) \$2.95



VIBRATOR TYPE POWER SUPPLIES FOR USE WITH R-394 & R-257 RECEIVERS. THE OUTPUT OF THE SUPPLIES ARE THE SAME AND ARE

155 VOLTS DC @ 15 MA.	
150 " " @ 5 " "	
140 " " @ 50 " "	
-40 " " @ .5 " "	
6.3 " " @ .45 AMPS.	
6.3 " " @ 1.0 " "	
1.4 " " @ 1.25 " "	

PP-867/U 24 VOLTS DC @ 1.1 AMPS USED \$4.95

PP-868/U 12 " " @ 2.0 " " 9.95

PP-869/U 6 " " @ 3.7 " " 6.95

PP-846/U 115/230 v 60 CYC 2 AMPS " 18.95

(IN MAY 1969 ISSUE OF CQ SAM KELLY WROTE AN ARTICLE ON CONVERTING THE R-394 RECEIVER TO 2 METERS. HE ALSO STATED THAT THE D.C. INPUT UNITS CAN BE OPERATED FROM 115 V. 60 CYCLE BY USE OF A 6.3 V 8 AMP TRANSFORMER. FOR MORE INFORMATION SEE THE ABOVE ARTICLE.)



C-847 RADIO CONTROL BOX; USED TO CONTROL THE SYSTEM, HAS HEAVY ALNICO MAGNET 4" SPEAKER FOR MONITORING REC. CONTROLS FOR SQUELCH, VOLUME ON/OFF SW. PILOT LIGHTS AND RECEPTACLE FOR H-33 HANDSET WHICH HAS UG-77

SIZE: 9 1/2 x 5 1/2 x 3 1/2; WT: 6 LBS. USED \$8.95

H-33/PT HANDSET WITH CORD & UG-77 " 5.95



DY-93 DYNAMOTOR POWER SUPPLY

INPUT: 12 VDC @ 20 AMPS.

OUTPUT: 380 VDC @ 180 MA.

225 VDC @ 45 MA.

-25 VDC @ 5 MA.

USED WITH T-208 & T-278 TRANS.

SIZE: 8 1/2 x 7 x 14; WT: 27 LBS.

PRICE: USED \$9.95

FM TRANSMITTER 70-100 MC



T-14/TRC-1 TRANSMITTER F.M. 70 TO 100 MC 40 W. 115/230 V 60 CYCLE INPUT. WITH TUBES 1/829, 4/6V6, 16SL7, 1/6SN7, 2/6AC7, 1/816 & 5R4.

PHASE SHIFT MODULATION -30 KC., 2 1/2" METER FOR MEASURING THE VOLTAGES OF THE DIFFERENT STAGES

CRYSTAL CONTROL ON ONE CHANNEL IN THE RANGE. SIZE: 16 1/2 x 10 x 12; WT: SHPG. 100 LBS.

PRICE: GOV'T RE-COND. \$49.50

AM-8/TRA-1 POWER AMPLIFIER SHOWN ON PAGE 1 OF THIS CATALOG CAN BE USED TO BOOST THE POWER 200 WATTS. PRICE: USED \$18.95 RE-COND \$24.95

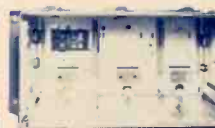


C-845/U RADIO SET CONTROL USED WITH R-394, R-257 RECEIVERS AND T-208, T-278 & T-417 TRANSMITTERS. CONTAINS A 3 TUBE MICROPHONE AMPLIFIER WITH A LINE LEVEL METER THAT ENABLES YOU TO ADJUST THE SIGNAL SO THAT IT WILL BE STRONG ENOUGH TO MODULATE THE TRANS. AFTER PASSING THROUGH THE INTP. 600 OHM LINE. HEAVY DUTY 4" SPEAKER IS PROVIDED FOR MONITORING THE RECEIVER. HAS TCNE GENERATOR FOR SIGNALING PURPOSES, SPEAKER VOL. CONT. PILOT LIGHTS FOR POWER AND TRANSMIT. REQUIRES UG-77 PLUG FOR MIC. & PHONE SUCH AS ON H-33/PT HAND SET. (REQUIRES 155VDC 5MA, 160VDC 15MA & 6.3V) PP-846/U 115/230 v. 60 CYC POWER SUPPLY WAS DESIGNED FOR USE WITH THIS UNIT AND MOUNTS INSIDE AND IS AN OPTIONAL ITEM.

SIZE: 8 1/2 x 13 1/2 x 13 1/2; WT: 20 LBS. TUBES 2/12AU7-6AK6

PRICE USED LESS PP-846 POWER SUPPLY \$14.95

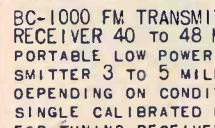
" WITH " " 29.50



CY-938 ELECTRICAL EQUIPMENT CABINET; USED TO HOUSE RECEIVERS R-394 OR R-257, TRANSMITTERS T-208 OR T-278 AND POWER SUPPLIES DY-93 OR DY-98 OR DY-100 FOR THE TRANSMITTERS. THE UNITS SLIDE IN THE CABINET AND ARE HELD IN PLACE BY A HEAVY TWIST LOCK FASTENER. ELECTRICAL CONNECTIONS ARE MADE THRU THE PLUGS WHICH IN TURN ARE WIRED TO TERMINAL STRIPS BEHIND THE BULKHEAD. CABINET CAN BE MOUNTED IN ANY POSITION AND HAS A REMOVEABLE COVER FRONT AND BACK. (ILLUSTRATION SHOWS CABINET EMPTY AND WITH UNITS IN PLACE.)

SIZE: 17 1/2 x 11 1/2 x 25; WT: 33 LBS.

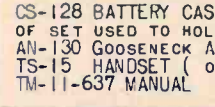
PRICES: USED \$7.95 UNUSED \$9.95



BC-1000 FM TRANSMITTER-RECEIVER 40 TO 48 MC; PORTABLE LOW POWER TRANSMITTER 3 TO 5 MILES DEPENDING ON CONDITIONS. SINGLE CALIBRATED DIAL FOR TUNING RECEIVER AND TRANSMITTER, MICROPHONE AND PHONE JACKS ON FRONT PANEL, SQUELCH CIRCUIT AND AUTOMATIC FREQ. CONTROL, WITH TUBES 6/1T4, 5/1L4, 3/1S5, 2/3A4 & 1/1A3.

VOLTAGES REQUIRED FOR USE 4 1/2 VDC @ .5 AMP. 90 VDC @ 25 MA & 150 VDC @ 50 MA.

SIZE: 11 1/2 x 6 x 7 1/2; WT: 13 LBS. USED \$24.95

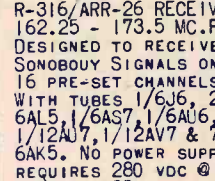


CS-128 BATTERY CASE (EMPTY) FASTENS TO BOTTOM OF SET USED TO HOLD BATTERIES. 4 LBS. \$1.95

AN-130 GOOSENECK ANTENNA 1 LB. 1.00

TS-15 HANDSET (OR EQUIVALENT) 2 LB. 4.95

TM-11-637 MANUAL 3.00



R-316/ARR-26 RECEIVER 162.25 - 173.5 MC.FM NO COVER SUPPLIED

DESIGNED TO RECEIVE SONOBOUY SIGNALS ON 16 PRE-SET CHANNELS. WITH TUBES 1/6J6, 2/6AL5, 1/6AS7, 1/6AU6, 1/12AU7, 1/12AV7 & 7/6AK5. NO POWER SUPPLY REQUIRES 280 VDC @ APPROX. 125 MA. AND FILAMENT VOLTAGES. OUTPUT OF THE SET USES A 12AU7 IN A CATHODE FOLLOWER CIRCUIT WHICH IS SUFFICIENT FOR HEAT SET. (SCHEMATIC AND CONVERSION INFORMATION FOR 145-175 MC SUPPLIED WILL INCLUDE ADDITION OF AUDIO, SQUELCH AND 115 VOLT 60 CYCLE POWER SUPPLY CIRCUITS.)

SIZE 5x8x17; WT: 13 LBS. PRICE USED \$22.95

TRANSMITTER RECEIVER



RT-53/TRC-7 TRANSMITTER-RECEIVER 100 TO 156 MC AM VOICE, 1.5 WATT CRYSTAL CONTROL ON TWO PRESELECTED CHANNELS, 1 1/2" METER FOR CHECKING OPERATION, MIC, PHONE AND MONITOR JACKS ALSO VOL CONTROL ON FRONT PANEL. WITH 16 TUBES 3/1AR5, 3/1L4, 1/1S5, 1/1LA3, 5/3A5, 1/3C4, 2/3A4. VOLTAGES REQUIRED 90 VDC. 4 1/2 VDC AND 60 VDC.

SIZE: 11 1/2 x 5 1/2 x 13 1/2; WT: 15 LBS. USED \$24.95

BC & ARC COMMAND SETS

THE COMMAND SET SERIES OF TRANSMITTERS AND RECEIVERS HAVE BEEN POPULAR FOR MANY YEARS ON THE SUPPLUS MARKET.

THE SERIES CONSISTS OF SEVERAL SEPERATE UNITS COVERING THE FREQUENCY RANGE OF 190 KC TO 9.1 MC FOR THE RECEIVERS AND 2.1 TO 9.1 MC FOR THE TRANSMITTERS.

IF YOU ARE NOT FAMILAR WITH THE CONVERSION OF THIS EQUIPMENT IT IS SUGGESTED THAT YOU PURCHASE CONVERSION MANUAL COVERING THE SET.

CQ SURPLUS CONVERSION MANUAL, WHICH INCLUDES COMMAND SETS IS AVAILABLE FROM US FOR \$3.00 (FOR OTHER CONVERSION MANUALS SEE PAGE 21)



THE RECEIVERS ARE SIX TUBE SUPERMETRODYNE WITH THE FOLLOWING TUBE LINE-UP; 1/12A6, 1/12K8 3/12SK7 & 1/12SR7. DESIGNED TO OPERATE WITH THE USE OF A DM-32 24 VOLT D.C DYNAMOTOR WITH A OUTPUT VOLTAGE OF 250 VDC @ 60 MA. ALSO REQUIRES 24 VOLTS FOR FILAMENTS. THE SET WAS TUNED FROM A REMOTE POSITION BY THE USE OF A FLEXIABLE SHAFT AND CONTROL BOX. SIZE: 5x5x11; WT: 12 LBS.

BC-453 - 190 TO 550 KC USED \$16.95

BC-454 3.0 TO 6.0 MC USED 16.95
BC-455 6.0 TO 9.1 MC GOV'T RE-COND 14.95
R-25/ARC 1.5 TO 3.0 MC UNUSED \$22.95

R-28/ARC-5 100 TO 156 MC CRYSTAL CONTROL ON FOUR PRE-SET CHANNELS WITH 24 VDC MOTOR, NOT CONTINUOUS TUNING. USES SAME VOLTAGE BUT DIFFERENT TUBES. SEE CONVERSION MANUAL FOR DETAILS TO MAKE CONTINUOUS TUNING. USED \$18.95

THE TRANSMITTERS WITH PROPER USE CAN PUT OUT 50 WATTS CW AND 30 WATTS ON PHONE. MODULATION IS OBTAINED FROM SEPARATE UNITS, BC-456 FOR SINGLE TUBE MOD. AND MD-7 FOR PUSH-PULL MOD. THE DM-33 DYNAMOTOR IS USED TO SUPPLY THE VOLTAGES AND IS MOUNTED ON



THE MODULATOR. VOLTAGES REQUIRED 575-600 VDC @ 175-200 MA. AND 24 VOLTS. WITH TUBES 2/1625 1/1626 & 1/1629 MAGIC EYE TUBE FOR TUNING AND CRYSTAL FOR CALIBRATION. SIZE: 5x7x12; 12LE

T-18/ARC-5 2.1 TO 3.0 MC USED \$9.95
CBY-52232 NAVY 2.1 TO 3.0 MC LESS
ANTENNA INDUCTANCE VARIABLE COIL USED 4.95
BC-696 3 TO 4 MC GOV'T RECONDITIONED 14.95
T-20/ARC-5 4.0 TO 5.3 MC USED \$6.95 NEW 9.95
T-21/ARC-5 5.3 TO 7.1 " " 6.95 NEW 9.95
T-22/ARC-5 7.0 TO 9.1 " " " "

T-23/ARC-5 100 TO 156 MC AM USING 832 TUBES (2) AND 1625 (2), FOUR PRE-SET CRYSTAL CONTROL CHANNELS. COMPANION TO R-28 REC. FOR CONVERSION SEE CC MANUAL. \$24.95

BC-456 MODULATOR FOR USE WITH COMMAND TRANSMITTERS, SINGLE TUBE MODULATION WITH TUBES 1/1625, 1/12J5GT AND 1/VR-150. HAS PROVISIONS FOR MOUNTING DM-33 DYNAMOTOR. SIZE: 7x8x10; WT: 11 LBS. U. \$3.95

MD-7/ARC-5 MODULATOR SAME AS BC-456 ONLY USES 2/1625 TUBES IN PUSH-PULL FOR 40 TO 60 WATTS. USED W/COVER \$11.95 L/COVER \$9.95 NEW \$14.95

COMMAND RECEIVER AC POWER SUPPLY SEE PAGE 20

SPIN TUNING KNOB FOR RECEIVERS \$1.00
DM-32 DYNAMOTOR 24 V FOR REC. UNUSED 4.95
35x032 " 12 V " " 4.95
C-26/ARC CONTROL BOX FOR ONE REC. USED 2.00
BC-496 " " " TWO " " 1.95
BC-450 " " " THREE " " 2.50
BC-451 " " " ONE TRANS. " " 1.95
BC-473 " " " ONE REC. " " 2.00
CONNECTOR PLUGS F/REC. OR TRANS. " 1.50

FLEXIBLE SHAFTS MC-215 FOR COMMAND EQUIPMENT 6 FT. \$1.50 EACH ADDITIONAL FT. 25¢ EXTRA.



MOUNTING-RACKS-FLEXIABLE SHAFTS
FT-234 ONE COMM. TRANS RACK 1.50
FT-225 MODULATOR RACK 1.50
MT-68 ONE TRANS. SHOCKMTG 1.00
FT-227 TWO " " 1.50
FT-228 ONE MOUNTING BC451 1.00

RECEIVERS & TRANSMITTERS



BC-620 RECEIVER TRANSMITTER F.M. 20 TO 27.9 MC. CRYSTAL CONTROL ON ANY TWO PRESELECTED FREQ. IN THE RANGE. USES FT-243 CRYSTALS, ONE SUPPLIE POWER OUTPUT APPROX. 3 WATTS WITH PHONE & MIC JACKS, (NO SPEAKER) TEST METER, VOLUME CONTROL, SELECTOR SWITCH ETC

WITH TUBES 1/1LC6, 1/1LH4, 1/1LN5, 4/1R4/1294 2/3B7 & 4/3D6/1299 AND PE-97 POWER SUPPLY THAT OPERATES FROM 6 OR 12 VOLTS D.C. W/CABLE SIZE: REC. TRANS. ONLY 15x13x7; WT: 30 LBS. PE-97 POWER SUPP. 15x13x7; WT: 20 LBS. THE REC.-TRANS. IS MOUNTED ON TOP OF THE POW ER SUPPLY AND IS HELD THERE WITH HASPS. PRICE: BC-620 & PE-97 RE-NEW \$19.95

AN-45 TELESCOPING ANTENNA FOR MOUNTING ON REAR OF BC-620, 98" LG. NEW..... 1.95
FT-250 SHOCKMOUNTING BASE F/ BC-620 & PE-97 TO-GETHER OR SEPARATELY 2.50
CD-509 CORD EXTENSION 8 FT. USED WHEN P.S IS TO BE USED AWAY FROM BC-620. 2.75
CS-79 BATTERY CASE SAME SIZE AS PE-97 USED WITH BC-620 WHEN DRY CELLS /USED \$1.50
TS-13 HANDSET, CARBON MIC. W/PLUGS " 4.95
T-24 MICROPHONE CARBON RE-NEW 4.95
SPARE TUBES FOR BC-620 NEW BOXED EACH .75



RCA RECEIVER MODEL AR-88 540 TO 32,000 KC. IN 6 BANDS, AM, MCW, CW RECEPTION. OUTPUT IMPEDANCE 2.5 & 600 OHMS. LARGE ILLUMIATED DIAL FOR DIRECT READING AND BAND SPREAD ALSO "S" METER, R.F GAIN, A.F GAIN, TONE, SELECTIVITY, ANT. ADD. NOISE LIMITER, AVC NOISE LIMITER, PHONE JACK ETC. WITH TUBES 5/6S7, 2/6J5, 2/6H6, 1/6SA7, 1/6K6, 1/6SJ7, 1/5Y3 & 1/VR-105, 456 KC. I.F. POWER REQUIRED 115 OR 230 VOLTS 60 CYCLE. STANDARD RACK PANEL MOUNTING 19x11x19; 90 LBS PRICE: USED \$165.00 CHECKED F/OPERATION \$175.



BC-348 RECEIVER A.M. SIX BANDS 200-500 KC & 1.5 -18 MC. CRYSTAL PHASING, ANTENNA ALIGN, BEAT OSC., & AUDIO GAIN CONTROLS, VERNIER & SPEED TUNING, AVC, MVC, PHONE AND C.W. PHONE & SPEAKER JACKS, LARGE ILLUM. DIAL. WITH TUBES 4/6SK7, 6SJ7, 6SA7, 6SR7 & 6K6. VOLTAGES REQUIRE 220 VDC @ 70 MA. & 24 V. SIZE: 18x10x9; WT: 40 LBS. PRICES LESS DYN. PRICES; USED CHECKED \$89.50

DM-28 DYNAMOTOR 28 VOLT D.C USED \$4.95
115 V. 60 CYC POWER SUPP. W/SPEAKER \$19.95
FT-154 SHOCK MOUNTING \$2.75
PL-103C PLUG FOR REAR OF RECEIVER 2.50

RECEIVER 200 - 400 KC



BC-1206 RECEIVER AM 200 TO 400 KC USED FOR AIRCRAFT BEACON CALLS VOLTAGE REQUIRED 24 VDC TUBES REQUIRED 2/14H7, 1/14J7, 1/14R7 & 1/2BD7. (3) FREQ. 135 KC, THREE (3) GANG VARIABLE 400-800 MMFD LOCAL COUETS

THESE RECEIVERS ARE SOLD LESS TUBES AND "AS-IS BECAUSE WE HAVE FOUND SOMETIMES THE I.F COILS MAYBE OPEN AND THE COST OF MAKING THE REPAIR IS PROHIBITIVE. HENCE THE LOW LOW PRICE. PLEASE DO NOT ASK US TO CHECK THE COILS. SIZE: 4x4x6; WT: 6 LBS. USED AS-IS \$2.95



R-508/R-19/ARC RECEIVER 118 TO 148 MC. AM, 15 MC I.F WITH TUBES 3/9003, 1/9002, 2/14R7, 1/14F7 & 1/12A6, VOLTAGE REQUIRED 24-28 V FOR LOW, 250 VDC @ 60 MA. FOR HIGH VOLTAGE NO DIAL, DESIGNED FOR REMOTE TUNING. SIZE: 6x5x11; WT: 10 LBS. USED \$18.95

COMMUNICATION RECEIVER



RCAF GR-10 COMMUNICATION RECEIVER, 115 VOLT 25-60 CYC. 6 BANDS, 195 TO 410 KC AND 1400 TO 31000 KC., ELECTRIC BAND SPREAD, VAR. SELECTIVITY, ADJ. CRYSTAL FILTERS, NOISE LIMITER, AVC, CARRIER STRENGTH METER, CRYSTAL CONTROL ON ANY ONE FREQ. TO 6.8

MC. TEMP. AND VOLTAGE REG. OF OSCILLATOR, SENSITIVITY BETTER THAN 5 MIC. V. 2:1 SIG. TO NOISE RATIO. MAX. UNDISTORTED OUTPUT 3 WATTS. WITH TUBES 3/6SK7, 1/6K8, 1/6SJ7, 1/6H6, 1/6SQ7, 1/6F6G, 1/5Y3G & 1/VR-105. BEAT FREQ. OSC. CONTROL AND PROV. FOR SPEAKER AND HEADSET. SIZE: 10x20x11; WT: 85 LBS. (CABINET DESIGN MAY VARY) ALSO AVAILABLE FOR 19" RACK MOUNTING PRICE: USED NOT CHECKED.... \$89.95
" " " " " " " " 99.95



SUPER PRO RECEIVER

SP-600 HAMMARLUND RECEIVER 0.54 TO 54 MC IN SIX BANDS, SENSITIVITY 2.3 MICROVOLTS OR BETTER ON ALL BANDS FOR S-N-N RATIO OF 10 DB. IMAGE REJECTION BETTER THAN 74 DB ON ALL BAND I.F. REJECTION AT 600 KC IS 2700 TO 1, AVC WILL HOLD WITHIN 12 DB WHEN INPUTS INCREASED FROM 2 TO 200,000 MICROVOLTS, AUDIO OUTPUT 2 WATTS INTO 600 OHM. WITH 19 TUBES 7/6BA6, 1/12AU7, 1/6V6, 3/6AL5, 1/0A2, 6BE6/2, 3/6CA, 1/5R4 POWER REQUIRED 95 TO 260 VOLT 50 TO 60 CYCLE 19" RACK MOUNTING, SIZE: 19x16x10; WT: 80 LBS PRICE: USED \$275.00..USED CHECKED F/OPER \$295

VHF RECEIVER-TRANSMITTER

VHF TRANSMITTING AND RECEIVING EQUIPMENT AM 100 TO 156 MC. CRYSTAL CONTROL ON 4 PRESELECTED CHANNELS IN THE RANGE SPECIFIED. R-28/ARC-5 RECEIVER (SHOWN ON THE LEFT) CRYSTALS ARE INSERTED IN THE FRONT OF THE SET



BEHIND THE ACCESS DOOR, FREQ. DIAL AND SQUELCEI ADJ. ARE ALSO ON THE FRONT. SELECTION OF CHANNEL IS DONE REMOTELY WITH THE USE OF THE C-30 /ARC-5 CONTROL UNIT WHICH IS AVAILABLE SEPARATELY. WITH TUBES 4/717, 3/12SH7, 2/12SL7 & 12A6 VOLTAGES REQUIRED 24/28 VDC FOR RELAYS AND SELECTOR MOTOR ETC. 250 VDC & 60 MA. HIGH V. DM-32 DYNAMOTOR CAN BE USED ON THE REAR OF THE SET FOR THE HIGH VOLTAGE. (FOR VARIABLE TUNING SEE SURPLUS CONVERSION MANUAL VOLUME 111 PRICE \$3.50) SIZE: 14x7x4; WT: 16 LBS. USED \$18.95

T-23/ARC-5 TRANSMITTER (SHOWN TO THE RIGHT) THE OUTPUT OF THIS UNIT AS DESIGNED IS APPROX. 10 WATTS HIGHER OUTPUT CAN BE OBTAINED AS IT HAS (2) TWO 832 TUBES AND TWO 1625'S. THE AUDIO POWER FOR MODULATING IS FURNISHED BY TH MD-7/ARC-5 MODULATOR WHICH IS AVAILABLE SEPARATELY. FREQ. CHANNEL SELECTION IS MADE BY USE OF THE C-30 CONTROL UNIT WHICH IS AVAILABLE SEPARATELY

VOLTAGES REQ. 24/28 VDC FOR RELAYS & SELECTOR MOTOR ETC. APPROX 600 VDC @ 175 MA F/HIGH V. SIZE: 15x8x5; WT: 15 LBS. RE-NEW \$24.95
MD-7 MODULATOR; PUSH-PULL MODULATOR DESCRIBED ON PAGE 4 OF OUR REGULAR CATALOG RE-NEW \$12.00
C-30/ARC-5 CONTROL UNIT PAGE 19 CATALOG \$1.00

R-65/APN-9 LORAN RECEIVER INDICATOR AS USED IN AIRCRAFT AND BOATS. PROVIDES ACCURATE MEANS OF DETERMINING POSITION OF FIXED SHORE TRANSMITTING DIRECTION STATIONS WHEN OTHER MEANS ARE INEFFECTIVE. CONSISTS OF A RECEIVER OPERATING IN THE MARINE BAND WITH 3" CR TUBE INDICATOR FOR PRESENTATION OF THE RECEIVED SIGNALS. OPERATES FROM 24 VDC & 115 V. 400-800 CYCLE W/TUBES, LENSE, CRYSTAL. SIZE: 9x12x3; WT: 40 LBS. USED \$69.50



SCR-522 RADIO SET

100-156 MC

RECEIVER-TRANSMITTER AM, FOUR CHANNEL, CRYSTAL CONTROL, 30 WATT OUTPUT, 18 TUBES AS FOLLOWS: TRANSMITTER, 1/6SS7, 2/832, 3/12A6, 1/6G6, RECEIVER: 1/9002, 1/9003, 3/12A6, 1/12C6, 2/12AH7, 1/12H6 & 3/12SG7. BOTH UNITS CAN BE REMOVED FROM CASE SEPARATELY. OVERALL SIZE: 16 1/2 x 12 1/2 x 10-3/4" WT: 49 LBS. PRICE: USED \$29.95



RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE: USED WITH TUBES \$14.95 NO TUBES \$7.95

RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED, WITH TUBES \$14.95 NO TUBES \$7.95

TRANSMITTER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED WITH TUBES \$18.95 NO TUBES \$7.95

BC-602 CHANNEL SELECTOR CONTROL BOX WITH PUSH BUTTONS. BC-602B USED \$1.95 BC-602D NEW \$2.95

NOTE: FOR THE MICROPHONE & PHONE CIRCUITS JACKS CAN BE INSTALLED IN THE BC-602

JB-29 JUNCTION BOX NEW \$2.95
AN-104 ANTENNA, METAL COVERED WOOD NEW 1.95
PE-98 DYNAMOTOR 12 VOLT USED 9.95
PE-94 " 24 " USED 4.95

PLUGS REQUIRED FOR THE EQUIPMENT

SCR-522 RECEIVER-TRANSMITTER REQUIRES THE FOLLOWING PLUGS, PL-173 TO ANTENNA, PL-169 TO DYNAMOTOR, PL-170 TO JB-29 JUNCTION BOX. \$1.50 EACH

BC-602 CONTROL BOX, REQUIRES FOLLOWING PLUGS, PL-169 TO JUNCTION BOX. \$1.50 EA.

PE-98 OR PE-94 DYNAMOTOR REQUIRES FOLLOWING PLUGS, PL-172 TO BATTERY, PL-171 TO RECEIVER-TRANSMITTER. \$1.50 EA.

JB-29 JUNCTION BOX, REQUIRES THE FOLLOWING PLUGS, PL-170 TO RECEIVER-TRANSMITTER PL-169 TO BC-602 CONTROL BOX. \$1.50 EA.

RA-62 AC POWER SUPPLY FOR SCR-522, OPERATES FROM 115/230 VOLTS 60 CYCLE, SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION. SIZE: 16x11x11; WT: 75 LBS. PRICE USED \$39.50 REQUIRES PL-171 PLUG FOR HOOK-UP TO REC-TRANS PRICE \$1.50.

BC-733 RECEIVER 108.3-110.3 MC AM

AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-POINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY. OPERATES ON SIX CRYSTAL CONTROL PRESET FREQ. COMPLETE WITH TEN TUBES: 1/12AH7, 2/12SG7, 3/717, 2/12SR7, 1/12SQ7 & 1/12A6. VOLTAGE REQUIRED; 24 VDC & 220 VDC 80 MA. WITH SCHEMATIC. SIZE: 13 1/2 x 5 x 7 WT: 17 LBS. PRICE: USED \$5.95 UNUSED \$7.95

I-101C CROSS POINT INDICATOR, USED \$1.95
PL-257 PLUG TO FIT I-101C 1.50

BC-732 CONTROL BOX USED \$1.95 NEW \$2.95
CABLE WITH PL-254 TO FIT BC-733 REC. AND PL-256 PLUG TO FIT BC-732 CONTROL BOX 3 FT. PRICE: \$4.95
PLUGS ONLY \$1.50 EA. PRICE: \$4.95

DM-53 DYNAMOTOR 24 VOLT USED \$4.95 NEW \$6.95
DM-53 AZ " 12 " NEW 7.95
AS-27 RAMS HORN ANTENNA \$5.95
PL-264 TWIN COAX PLUG F/BC-733-AS-27 1.00

RECEIVER

R-11A RECEIVER 190-550 KC ONE BAND, 85 KC IF FREQ. WITH TUBES 2/14A7, 1/14S7, 1/14R7, 1/14F7 & 1/12A6 (14 SERIES TUBES ARE LOCAL FILAMENTS ARE WIRED FOR 12-14 OR 24-28 VOLTS, HIGH VOLTAGE REQ. 250 VDC 60MA. NO DIAL, DESIGNED FOR REMOT USE BUT ITEMS LISTED BELOW CAN BE ADAPTED FOR LOCAL TUNING. SIZE: 6 1/2 x 5 1/2 x 1 1/2; WT: 10 LBS. USED \$7.95
BC-473 CONTROL BOX FOR LOCAL USE WITH ADAPTER WITH SET \$3.00 OTHERWISE \$4.00
SPIN TUNING KNOB FOR LOCAL USE #6743 \$1.00

ARC-3 100-156 MC

R-77/ARC-3 VHF AIRCRAFT TYPE AM RECEIVER, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 9001, 9002, 12A6, 12H6, 12SH7, 12SL7, 2/12SN7, 3/12SG7 & 6/6AK5. VOLTAGE REQUIRED 24 VDC & 210 VDC 125 MA. SIZE: 11x7x15. WT: 21 LBS. W/SCHEMATIC PRICE: R-77/ARC-3 USED \$24.50
R-5009/ARC-502 24 CHANNEL USED \$24.95
PL-153 PLUG FOR FRONT OF SET \$2.50

T-67/ARC-3 VHF AIRCRAFT TYPE TRANSMITTER AM, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE, WITH TUBES 2/832, 2/6L6, 1/6V5, 3/6V6 & 1/12SH7. VOLTAGE REQUIRED 24 VDC & 410 VDC 325 MA. SIZE: 15 1/2 x 7 1/2 x 12 1/2. WT: 21 LBS. PRICE: RE-NEW WITH TUBES\$29.50

JB-68 JUNCTION BOX FOR ARC-3 RADIO SET USED TO MOUNT DYNAMOTORS DY-22 FOR REC & DY-21 FOR TRANS. ALSO HAS CONNECTOR PLUGS TO HOOK UP REC, TRANS, CONTROL BOX & POWER, & RELAYS. SIZE: 10 1/2 x 3 1/2 x 8 1/2. WT: 7 LBS. PRICE USED.... \$7.95

CONNECTOR PLUG FOR EACH FACILITY \$2.50 EACH
C-118/ARC-3 CONTROL BOX FOR RECEIVER AND TRANSMITTER. HAS EIGHT PUSH BUTTONS FOR CHANNEL SELECTION AND ONE FOR OFF. SIZE: 6x3x7 WT: 2 LBS. PRICE: \$4.95
CONNECTOR PLUG U-16/U 2.50

IE-36 TEST SET FOR SCR-522 REPRODUCES THE OPERATING FUNCTIONS OF THE CONTROL BOX & JACK BOXES OF THE RADIO BY PROVIDING HEADPHONE & MICROPHONE, CHANNEL SELECTION PLUS ALL OTHER CONTROLS NECESSARY TO OPERATION AND TESTING. CONTROL UNIT BC-1303 PLUGS DIRECTLY INTO THE SCR-522 ALSO HAS PHANTOM ANTENNA & CORD, LAMP EXTRACTOR, ADAPTER PHONE CORD, INSTRUCTION BOOK AND CARRYING CASE, 10x10x4; WT: 8 LBS. PRICE: NEW \$6.95

SCR-522 CABLES WITH PLUG ON ONE END AND LUG TERMINALS ON THE OTHER. EACH CABLE \$2.95
CX-58/VRC-1 PLQ-170 PLUG & LUGS, 36" LONG.
CX-60/VRC-1 PL-169 " " " 36" "
CX-62/VRC-1 PL-172 " " " 66" "

TRANSCIEVER

BC-745 AM TRANSMITTER-RECEIVER COVERING THE FREQ. RANGE OF 2-6 MC PHONE, WITH A RANGE OF FIVE MILES UNDER FAVORABLE CONDITIONS. CRYSTAL CONTROL ON TWO PRESELECTED FREQ. BY USE OF PLUG IN COIL & CRYSTAL ASSY. BC-746. THE SET SIZE IS 6x6x6 AND IS MOUNTED ON A 32" STAFF AND HOUSES THE TELESCOPING ANTENNA WHEN NOT IN USE. COMPLETE WITH TUBES, 1/1S5, 3/1T4 & 5/3S4 & ONE PLUG IN FREQ. ASSY. VOLTAGE REQUIRED 1.5 VDC/50 MA, 67.5 VDC/20 MA & 105-125 VDC/50 MA. WT: 10 LB PRICE: USED \$6.95

BC-746 PLUG IN COILS & CRYSTAL ASSEMBLIES CHANNEL #1 3010 Kc CHANNEL #2 5030 Kc CHANNEL #3 5500 Kc CHANNEL #4 5305 Kc ONE OF THE ABOVE SUPPLIED WITH PURCHASE OF SET, ADDITIONAL UNITS \$1.00 EA.

T-39 CHEST UNIT THAT WAS USED TO CARRY DRY CELL BATTERIES, ALSO HAS MICROPHONE, PHONE JACK AND NECESSARY CABLE FOR CONNECTING TO RADIO SET. PRICE: USED \$1.95 UNUSED \$3.95

PE-157 VIBRATOR POWER SUPPLY; OPERATES FROM 2 VOLT WET BATTERY BB-54 WHICH IS INSTALLED INSIDE THE CASE THAT SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION OF THE RADIO SET ALSO HAS 4" PM SPEAKER, CARRYING HANDLE AND CABLE FOR CONNECTING TO SET. SIZE: 11 1/2 x 5 1/2 x 8 1/2 WT 17 PRICE: USED \$4.95 UNUSED \$6.95

AMPLIFIER

AM-203B/ARA-19 AMPLIFIER; PART OF REMOTE TUNING SYSTEM AS USED WITH ARN-6 RADIO COMPASS WHICH PROVIDES AN ACCURATE MEANS OF TUNING SET ELECTRICALLY. OPERATES FROM 24 VDC. WITH 2/26A7 TUBES AND 1/12SN7 TUBE, SIZE: 5x6x4 1/2; WT: 6 LBS. PRICE: RE-NEW \$8.95

COMPASS RECEIVER

AN/ARN-7 RADIO COMPASS RECEIVER 100 TO 1750 KC USED FOR AIRCRAFT DIRECTION FINDING BUT CAN ALSO BE USED ON BOATS. THE RECEIVER IS A SUPERHETERODYNE WITH ADDITIONAL CIRCUITS FOR OPERATION OF THE AURAL RECEPTION AS SHOWN ON THE INDICATORS. COVERS THE FREQUENCY RANGE OF 100 TO 1750 KC IN FOUR BANDS CONTINUOUS TUNING FROM CONTROL BOX WHICH IS A SEPARATE UNIT. UNIT OPERATES FROM 115 VOLT 400 CYC & 24 VDC AND IS COMPLETE WITH TUBES 4/6K7, 1/6L7, 1/6J5, 2/6B8, 2/6F6, 1/6N7, 1/524, 1/6SC7 & 2/2051. SIZE: 12x8x19; WT 45 LBS. R-5/ARN-7 RECEIVER ONLY, USED \$18.95

ITEMS LISTED BELOW ARE REQUIRED FOR ADF OPER.

C-4/ARN-7 CONTROL BOX	USED \$3.95	NEW \$5.95
I-8/A INDICATOR 3"	USED \$3.95	RENEW 4.95
I-82A " 5"	USED 7.95	
LP-21 AM LOOP ANTENNA	" 9.95	
FT-224 MOUNTING F/C-4CB	" 1.50	
MG-149F INVERTER	" 24.95	
MC-203 SHAFT COUPLING "T"	" 1.00	
MC-136 SHAFT " RT/ANGLE	" 2.50	
BK-22 RELAY JUNCTION BOX	" 2.95	
MC-124 FLEXIBLE SHAFT 2 FT.	" 1.50	
CD-365 CABLE FOR LOOP 5 FT.	" 2.75	
PL-122 CONNECTOR PLUG FOR RECEIVER	" 2.50	
PL-112 " " LOOP	" 2.50	
PL-118 " " I-81 OR I-82	" 2.50	



REMOTE READING MAGNESYN COMPASS SYSTEM AIRCRAFT TYPE. CONSISTS OF A MAGNESYN COMPASS THAT TRANSMITS TO A 3" INDICATOR THAT IS CALIBRATED IN DEGREES--- N-S-E-W AND IS OPERATED BY THE 12 VOLT D.C. INVERTER THAT IS SUPPLIED WITH THE SET. SHPG. WT: 15 LBS. PRICE WITH TRANSMITTER, INDICATOR, INVERTER AND MANUAL ... \$39.95
REMOTE READING MAGNESYN COMPASS SYSTEM WITH TRANSISTORIZED POWER SUPPLY.....\$49.50


MN-40 INDICATOR 0-360 DEGREE SCALE 5" WITH VAR. ADJUSTMENT. SAME AS I-82 INDICATOR ONLY OPERATES MECHANICALLY INSTEAD ELECTRICALLY	CONTROL BOXES MN-28C/MN-26C MN-28LB/MN-26LB USED \$3.95 EA. CONNECTOR PLUGS RECEIVER \$2.50 CONTROL BOX 2.50 FLEXIBLE SHAFT 20"/\$1.50 5 1/2" \$2.8 \$3.00
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RADIO COMPASS

RA 101A/ARN-6 RADIO COMPASS WITH A FREQUENCY RANGE OF 100-1750 KC IN FOUR BANDS. COMPLETE WITH TUBES 6/12SK7; 4/12SX7; 1/12SY7; 1/12SN7; 2/26A7; 2/2050. OPERATES FROM 26.5VDC. WT. 35LB SIZE: 11 1/2 x 7 1/2 x 15 1/2 PRICE: \$39.50
AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS. OPERATES FROM 26 VOLTS 400 CYC. SIZE: 10x11x5 WT. 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95 MANUAL FOR RA 101A/ARN-6.....\$5.00

ID-91 B/ARN-6 INDICATOR 0-360 DEG. 3 1/2" DIA. INDICATOR FOR ARN-6 RADIO COMPASS SYSTEM \$8.95
C-149 A/ARN-6 CONTROL BOX BOX CONTAINS THE FOLLOWING CONTROLS. OFF-COMP.-ANT.-LOOP; FUNCTION SWITCH, TUNING METER, LOOP L-R SWITCH, LIGHT CONTROL, DIAL BAND SWITCH, CONTROL SWITCH, TUNING CRANK, AUDIO CONTROL, CW- VOICE SWITCH. \$8.95

Headsets — Telephone Equipment — Microphones — Handsets



HS-33 HEADSET
NEWLY MANUF.
HEADBAND & 4 1/2 FT. CORD WITH PL-55 TYPE PLUG. AIR FORCE GREY. 600 OHM IMPED. WITH

MX-41/AR MEDIUM RUBBER CUSHIONS \$8.00


MC-162 SMALL RUBBER CUSHIONS. \$6.95



HB-7 HEADBAND ONLY
WITH 4 1/2 FT. CORD AND PL-55 TYPE PLUG. AIR FORCE GREY. \$3.00

MX-41/AR MEDIUM SIZE RUBBER CUSHIONS \$1.25

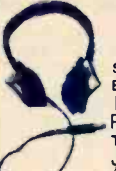
MC-162 SMALL RUBBER CUSHIONS \$1.00



HS-23 HEADSET
NEWLY MANUF. W/4 1/2 FT. CORD & PL-55 TYPE PLUG. AIR FORCE GREY. 2000 OHM IMPED. WITH

MX-41/AR MEDIUM SIZE RUBBER CUSHIONS \$6.95

MC-162 SMALL SIZE RUBBER CUSHIONS \$5.95



H-113/U HEADSET
600 OHM
SOFT PLASTIC EAR CUSHIONS
18" CORD W/ PL-54 PLUG THAT FITS JK-26 JACK (SEE CD-307)
EXTENSION CORD ELSEWHERE ON THIS PAGE
WT: 3LBS. USED-EX \$3.95

H-62 HEADSET SAME AS H-113/U ONLY IN BLACK AND HAS PROVISIONS FOR SNAPPING ON LIP MICROPHONE CW-51071 LISTED BELOW. USED-EX. \$3.95

CW-51071 LIP MICROPHONE
100 OHMS IMPEDANCE W/ 2 SNAPS FOR FASTENING TO H-62 HEADSET, 14" CORD W/ PL-291 PLUG INTO EXTENSION CORD CD-318 LISTED ON THIS PAGE OR CW-49561 EXTENSION CORD LISTED BELOW USED \$1.00



TELEPHONE HANDSET HANGAR
WITH HANDSET IN PLACE ONE SWITCH CONTACT IS MADE, WHEN HANDSET IS REMOVED & MADE ALSO 2 OTHER CONTACTS ARE MADE (1 BREAK 3 MAKE) WE# G7W3 WT: 2LBS. #5930-538-6822 NEW \$4.95

T-24-S MICROPHONE
HAND HELD BRASS CARBON MIC. W/50 OHM ELEMENT, PUSH TO TALK SWITCH, 5 1/2 FT. STRAIGHT CORD W/PL-68 PLUG. WT: 1 LB. PRICE: UNUSED \$3.95




T-32 CARBON MICROPHONE
40 OHMS IMPEDANCE
300-4500 CYC.
WITH STAND & PUSH TO TALK SW. 9" CORD W/ SPADE LUGS
UNUSED \$7.95

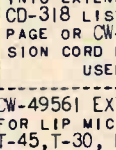
HS-30 HEADSET
250 OHM IMPEDANCE
HEARING AID TYPE LIGHT WEIGHT HEADBAND
6" CORD W/ SPADE LUGS
CD-604 CORD FOR 4000 OHM IMP. NEW \$2.50




DYNAMIC HEADPHONES
50 OHMS IMP. MOVING COIL TYPE, HIGH QUALITY REPRODUCTION, CHAMOIS CUSHIONS AND NO STRAPS.
"Y" CORD WITH PHONE PLUG. #ZA/CAN1638 UNUSED \$4.95
CHAMOIS CUSHIONS \$2.50 PR.




TELEPHONE TRANSMITTER
CHEST SET; 150 OHM IMPEDANCE TRIANGULAR SHAPED BREASTPLATE, HORN MOUTHPIECE TYPE #A-1. NO STRAPS. WESTERN ELECTRIC #396A \$1.50



CW-49561 EXTENSION CORD
FOR LIP MIC. CW-49561, T-45, T-30, MI/A OR ANY OTHER CORD WITH MATING PLUG PL-48/291. HAS PL-68 MIC. PLUG AND IS 5 FT WITH MOMENTARY SWITCH. UNUSED \$1.50

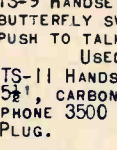


MI/A CARBON MICROPHONE
75 OHM IMPEDANCE, FITS OVER MOUTH TO ELIMINATE NOISE, HELD IN PLACE BY STRAPS, FREQ RESPONSE 400-3200 CPS. 1 1/2" INCH CORD WITH PL-291 PLUG TO FIT CD-318 OR CW-49561 EXTENSION CORDS DESCRIBED ON THIS PAGE. NEW \$2.50



RS-38 MICROPHONE
100 OHM CARBON PRESS TO TALK SWITCH ON TOP 5 FT. CORD WITH PL-68 PLUG. USED \$4.95
UNUSED W/ COILED CORD 12"-36" \$7.95 21"-68" \$8.95

SPACE HELMET HEADSET, 600 OHM PHONI 100 OHM MIC. PADDED FRAME. U. \$3.95



TS-9 HANDSET NO PLUGS WITH BUTTERFLY SWITCH & PUSH TO TALK SWITCH & LUGS USED \$3.95

TS-11 HANDSET; 4 COND. CORD, 5 1/2", CARBON MIC 50 OHM, PHONE 3500 OHM, W/PL-106 PLUG. NEW \$4.95



RS-83 100 OHM CARBON MICROPHONE
W/ COILED CORD 1-4" STK #D173012 NEW \$7.95

SOUND POWERED HANDSET
WITH COILED CORD 1-4" UN-CORD 4" & SW. USED \$2.95




TS-13 HANDSET
CARBON MIC. 50 OHM, PHONE ELEMENT 3500 "Y" CORD PL-68 & PL-55, BUTTER FLY SWITCH. USED \$4.95


HANDSET HOLDER
RUBBER COVERED AS ILLUSTRATED \$1.50
CAST ALUMINUM \$2.00



T-24/M CARBON MICROPHONE
WITH PUSH TO TALK BUTTON AND MODIFIED WITH 4 FT. COILED CORD & PL-68 PLUG. WT: 1/2 LB. PRICE: NEW \$4.95



ACOUSTICOM CORDLESS MICROPHONE AND AMPLIFIER
HEARING AID, HEAD BAND TYPE ASSEMBL CONSISTS OF 1/2" MIC. AND 3 TUBE AMPLIFIER WITH VOLUME CONTROL AND BATTERY COMPARTMENT MOUNTED IN A LIGHTWEIGHT HEADBAND. USES MERCURY BATTERY RM-1H & MINI-MAX 15 V. 504E EVEREADY. PRICED WITH TUBES, -EBB BATTERIES AND PHONE UNIT. #A200 NEW: \$2.95



ACOUSTICON HEARING AID
MICROPHONE CASE ONLY W/ TRANSFORMER, VOLUME CONTROL, RES. COND. AND BATT. HOLDER. NO MIC. BATT. OR TUBES. GOLD STAIN FINISH. SIZE: 2 1/2 x 4 1/2; WT: 4 OZ. #A-320 \$5.95 2 FOR \$1




PUSH BUTTON & CALL SIGNAL LIGHT SAME SIZE AS TELEPHONE DIAL. MAKE OWN INTERCOM. \$3.95 EA.

TELEPHONE BELLS
USE AS EXTENSION OR IN SHOP ETC. 2 LB. 4x4 1/2x1 1/2 483661A \$1.50



T-45 LIP MIC



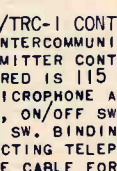
DICTAPHONE HEAD SET, LIGHT BAND W/ PLASTIC EAR PCS. CONNECT TO RUBBER TUBES THAT COMES TO Y & RUBBER CUP 4" DIA. USE AS WAY OUT SOUND REPRODUCER
#6C262-719 \$7.75



T-30 THROAT MIC.
Elements only \$1.00 a dozen



C-113/TRC-1 CONTROL UNIT
FOR INTERCOMMUNICATION AND TRANSMITTER CONTROL. POWER REQUIRED IS 115 VOLT 60 CYC HAS MICROPHONE AND HEADSET JACKS, ON/OFF SW. INTERCOM. RADIO SW. BINDING POSTS FOR CONNECTING TELEPHONE WIRE, 5 WIRE CABLE FOR FASTENING TO TRANS. MIC CORD WITH PL-68 PLUG, AC LINE CORD, PILOT LIGHT ETC. HOUSED IN WOOD CARRING CASE. TWO OR MORE UNITS CAN BE HOOKED TOGETHER FOR INTERCOM USE. TS-13 HANDSET CAN BE USED WITH THIS SYSTEM. CABLES CAN BE STORED IN COMPARTMENT TO LEFT. SIZE: 14x9 1/2x12; WT: 25 LB PRICE: USED \$6.95




R-15 PHONE ELEMENT
6000 OHM. W/ RUBBER CUSHION F/ 2" HEADBAND MTDG. \$1.25

PHONE ELEMENT F/ TS-9K HANDSET
250 OHM, 2 1/2" DIA 1 1/2" DIA. FOR W/ CLIPS. K.S #838 \$1.00

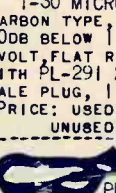
CANADIAN PHONE ELEMENT
100 OHM 1 1/2" DIA. FOR 2" HEADBAND. #C-3 10A/36988 \$.75



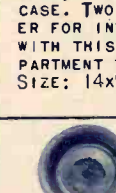
T-45 MICROPHONE
CARBON TYPE 1000 OHM 50DB BELOW 1 MILLIVOLT, FLAT RESPONSE WITH PL-291 2 CONT MALE PLUG, 11" CORD USED 75¢



CD-307 CORD EXTENSION
FOR CORDS WITH PL-54 PLUG AS USED ON HEADSETS, 65" LG WITH JK-26 JACK & PL-55 PLUG. USED \$1.00



T-30 MICROPHONE
CARBON TYPE, 75 OHM 50DB BELOW 1 MILLIVOLT, FLAT RESPONSE WITH PL-291 2 CONT MALE PLUG, 11" CORD PRICE: USED 3/\$1 UNUS \$1.00



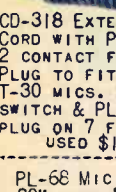
CD-604 CORD
WITH IMPEDANCE MATCHING TRANSFORMER 500 OHM TO 4000, USED WITH HS-30 HEADSET, 6" CORD & PL-54 PLUG. NEW 50¢ USED 25¢



CD-318 EXTENSION CORD
WITH PL-291 2 CONTACT FEMALE PLUG TO FIT T-45 & T-30 MICS. SW-141 SWITCH & PL-68 MIC PLUG ON 7 FT. CORD USED \$1.00



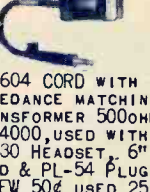
MODEL A-200
\$2.95



CD-318 EXTENSION CORD
WITH PL-291 2 CONTACT FEMALE PLUG TO FIT T-45 & T-30 MICS. SW-141 SWITCH & PL-68 MIC PLUG ON 7 FT. CORD USED \$1.00

PL-68 MIC PLUG
30" CORD 75¢


JK-33 JACK TO FIT PL-68 MIC. PLUG.
USED 5 FOR \$1.00



CD-605 CORD
SAME AS CD-604 ONLY 30" LG. WITH PL-55 PLG USED \$1.00



HB-1 HEADBAND
FOR 1 1/2" ELEMENTS WITH 8000 OHM ELEMENTS & CORD \$2.95




CANADIAN LIGHTWEIGHT HANDSET
NO CORD PHONE 300 O MIC. 50 OHM #ITE NO1 MK-11 YA-7225 \$3.95

PHONE ELEMENT F/ TS-13, H-23 ET HANDSET, TYPE 41
3500 OHM. AUTO. ELEC. D-5189A \$1.00



CANADIAN MICROPHONE
W/ SWITCH & CORD FOR ABOVE PHONE, MAGNETIC 300 OHM, #10A/1257L \$1.25



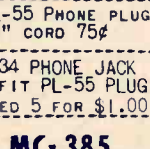
COILED CORD SET

COILED CORD SETS

THREE CONDUCTOR 24" TO 72" 75¢
12" TO 36" 50¢

FOUR CONDUCTOR 12" TO 36" \$1.00

ONE CONDUCTOR #18 6 FT. -18 FT. \$1.00



MC-385 HIGH TO LOW ADAPTER
IMPEDANCE FOR HEADSET 4000-6000 OHM USED \$0.50 NEW \$0.75



STANDARD TYPE TELEPHONE HANDSET AND CORD.
USED..\$2.50

STANDARD TELEPHONE DIAL
USED \$1.50



HANDSET HOLDER
FOR HORIZONTAL MOUNTING. SIZE 1 1/2x3 1/2 #6988 \$.50



TELEPHONE BELL FOR MAGNETO GENERATORS
1 1/2x3 # MC-131 \$1.50



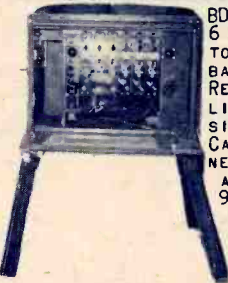
TELEPHONE BELLS
USE AS EXTENSION OR IN SHOP ETC. 2 LB. 4x4 1/2x1 1/2 483661A \$1.50

TELEPHONE EQUIPMENT



EE-8 FIELD TELEPHONE, PORTABLE HAND RINGING TYPE. CAN BE USED WITH ANY MAGNETO TYPE SYSTEM SWITCHBOARD AS BD-71, 72, 89, 91, 96 ETC. OPERATES FROM 2 FLASHLIGHT BATTERY UP 17 MILES, TWO OR MORE PHONES CAN BE OPERATED ON TWO WIRE LINE. WITH CARRING CASE, STRAP & HANDSET.

Size: 8x10x3 1/2; WT: 18 LBS.
USED CHECKED LESS BATT. \$14.95



BD-71 SWITCHBOARD, PORTABLE 6 LINE HAND RINGING MAGNETO TYPE USING FLASHLIGHT BATTERIES FOR OPERATION. REPEATING COILS ON TWO LINES FOR SIMPLEXING, DROP SIGNAL AND NIGHT CALL BELL CAN BE USED WITH ANY MAGNETO TYPE TELEPHONES SUCH AS EE-8, RM-29, BD-72, 89, 91, 96 ETC. IDEAL FOR FACTORY, CAMP, FARM, MOTEL.. WITH CHESTSET MICROPHONE & HEADSET. LESS BATTERIES

Size: 18x12 1/2x14; WT: 75 LBS.
USED \$9.95 RE-NEW \$14.95



VO-3 OSCILLATOR IS AN ELECTRO-AUDIO TONE GENERATOR WITH A 10 WATTS OF POWER OUTPUT AT A FREQ. OF 800 CYCLES PER SECOND. THIS POWER IS ADEQUATE FOR SUPPLYING TONE TO 200 HEADSETS THAT CAN BE KEYPED BY THE INSTRUCTOR OR STUDENTS AND FEED INTO A SPEAKER OR RECORDER. OPERATES FROM 115 VOLT 60 CYCLE, COMPLETE WITH TUBES 1/6SN7, 1/5U4 & 2/6V6GT. OUTPUT 4, 8, 12 & 16 OHMS.

Size: 12 1/2x10 1/2x7 1/2; WT: 24 LBS.

WD-1/TT INFANTRY FIELD WIRE; 2 COND. TWISTED PAIR 4 TINNED COPPER, 3 GALV. STEEL, NYLON JACKET WEATHER MOISTURE & FUNGUS RESIS. APPROX. 1200 FT. ON METAL SPOOL \$15.00; APPROX 1 MILE ON METAL SPOOL 4 LENGTH OF APPROX 1250 FT. \$40.00; COND. USED GOOD

WD-7 COPPER WELD FIELD TELEPHONE WIRE; 2 COND. TWISTED PAIR EACH COND. 7 STRAND #28 COPPER WELD. NEW MANUFACTURE. \$.03 PER FT. 1000 FT. OR MORE \$.025 PER FOOT.



SUB-CYCLE STATIC FREQUENCY CONVERTER; OUTPUT 75-110 VOLTS 7.5 WATTS, 16-2/3 OR 20 CYCLE, INPUT 105-125 VOLTS 50 OR 60 CYCLE. USED FOR RINGING TELEPHONE CIRCUITS.

Size: 7x4 1/2x12; WT: 35 LBS.
MODEL M-75/KS-5585 \$14.95
OUTPUT PLUG.....\$1.00



A-202 CODE PRACTICE TELEGRAPH KEY WITH BUZZER AND CORD. ADJUSTABLE KEY WITH ADJUSTABLE BUZZER THAT WILL OPERATE FROM 9-12 VOLT D.C MOUNTED ON BLACK BAKELITE BOARD WITH ENOUGH ROOM TO REST FIST, RUBBER FEET ON BOTTOM.

KEY SIZE 4 1/2x1 1/2x1 1/2. BUZZER SIZE 1 1/2x1 1/2x8; BOARD 3 1/2x7 1/2x8; WT: 1 1/2 LB
PRICE: NEW \$1.50



RM-39 REMOTE CONTROL UNIT; USED FOR REMOTE OPERATION OF TRANSMITTING & RECEIVING EQUIPMENT OR OVER TELEPHONE LINES WHEN TWO OR MORE ARE CONNECTED TO-GETHER BY WIRE OR WITH EE-8 FIELD TELEPHONES OR SIMILAR EQUIPMENT.

HAS A HAND CRANK GENERATOR THAT IS USED TO SIGNAL ANOTHER STATION BY RINGING THE BELL THAT IS IN THE UNIT. REQUIRES 4 1/2 VDC & 15 VDC DRY CELL BATTERIES FOR OPERATION. ALSO HAS 3' CORDS WITH 1/PL-68, 2/PL-55 PLUGS FOR USE WITH THE RADIO EQUIP. JACKS FOR HEADSET, MIC AND KEY, SELECTOR SWITCH, ANTI-HOWL SWITCH, LINE TERMINALS ETC.

Size: 5x6 1/2x9 1/2; WT: 15 LBS.
PRICE: USED \$5.95 RE-NEW \$7.95

TS-13 HANDSET THAT CAN BE USED WITH THIS \$4.95 HANDSET HOLDER FOR HORIZONTAL USE THAT CAN BE MOUNTED ON THE CASE OF RM-39



TA-1/PT TELEPHONE

SOUNDPOWERED TELEPHONE SET WITH AUDIBLE AND VISUAL CALL SYSTEM. PALM OPERATED GENERATOR PUTS OUT APPROX. 100 V. THAT SOUNDS BUZZER IN OTHER PHONE AND ACTUATES VISUAL INDICATOR. COILED CORD WITH PUSH TYPE ENDING POSTS FOR INTERCONNECTING WIRES TO BE FASTENED TO. COMES WITH FIBER CARRING CASE.

Size: 8 1/2x3 1/2x3 1/2; WT: ACT 2LB USED \$29.50 PAIR 2



TA-43/PT TELEPHONE SET IS A RUGGED, LIGHTWEIGHT, WATERPROOF FIELD TELEPHONE THAT CAN BE USED OUTDOORS ON A DESK OR WALL MOUNTED. HANDCRANK GENERATOR FOR RINGING BUZZER. REQUIRES 2/1 1/2 V BATT. FOR LOCAL USE NONE REQ. W/CB. UNIT COMES IN A CANVAS CASE & SHOULD-ER STRAP WITH ZIPPER.

Size: 12x7x4; WT: 10 LBS. UNUSED \$39.50



MULTIPEX

PHILCO CST-2 SIGNALING AND TERMINATION UNIT. FOR USE IN MULTIPLEX SYSTEMS FOR TRANSMISSION OF DIAL OR RINGDOWN SIGNALING AND TERMINATES A FOUR WIRE CIRCUIT OF THE MULTIPLEX INTO A TWO WIRE TELEPHONE CIRCUIT. A 3.5 KC TONE IS USED FOR SIGNALING. ALSO HAS CONTROLS FOR PRO PRO ATTENUATION OF VOICE LEVEL. OPERATES FROM 115 V. 60 CYC. AND IS COMPLETE WITH 2/12AU7 TUBES, RELAYS. RACK MTG. 19x4 1/2x12; WT: 25 LBS. PRICE: UNUSED \$9.95



GENERAL ELECTRIC MODULATOR NO. 4UX10C1.

TELEPHONE-TELEGRAPH TYPE UNIT FOR RACK MOUNTING, DUAL CHANNEL OPERATION USING 12AT7, 12AV7 AND 12AT7 EA. CHAN. FEEDING 12AV7, SEVEN TUBES IN ALL. TWO TRANS. 600 OHM CT. PRI. 250K OHM SEC. SIZE 13 1/2x12 1/2x2, TWO RELAYS DPDT AUTOMATIC #7772962-33, FOUR SO-239 COAXIAL CONNECTORS FOR TIMER AND VIDEO. SEVEN VARIABLE CONTROLS AND 6 TEST JACKS.

Size: 12 1/2x7x7; WT: 15 LBS. UNUSED \$7.95



RC-298 TANK INTERPHONE EXTENSION KIT

CONTAINS HEAVY GAUGE WATERPROOF STEEL BOX W/H-22 HANDSET & COILED CORD, SIGNAL LIGHT, EXTEN. TERMINAL POSTS, WATERPROOF BULKHEAD CONN. 30 FT. 7 COND RUBBER COVERED CABLE, 14 FT. CONDUIT FLEX BC-1361 CONTROL BOX WITH SIG. LAMP, 2 WATER PROOF SW. AND 2 CONN. BOX OF HARDWARE WITH 125 PCS. OF BOLTS NUTS, WASHERS, CLAMPS ETC. ALSO ROLL OF RUBBER TAPE, SWITCH, LENS, LAMP MANUAL ETC. SHIPPING WEIGHT 78 LBS. PRICE: NEW \$14.95

RM-52 REMOTE CONTROL UNIT (MACY'S PHONE PATCH)

USED FOR RE-CONTROL OF RADIO SET, OPERATES FROM 4 FLASHLIGHT BATTERIES. HAS MULTI-TAP TRANSFORMER, MIC, PHONE HIGH/LOW IMPEDANCE & JACKS. BASIC UNIT FOR MAKING MACY'S PATCH.

Size: 7 1/2x3 1/2x5 1/2; WT: 5 LBS.
PRICE: USED \$1.95 NEW \$2.95



RM-53 REMOTE CONTROL UNIT

BASICALLY THE SAME AS RM-52 ONLY IT HAS A 3 POSITION SWITCH AND CORDS WITH PL-55 AND PL-68 PLUGS.

Size: 8 1/2x4 1/2x4 1/2; 6 LBS
USED W/PLUGS & CORDS \$2.95
" " " " " " 1.95



ID-256A/APW INDICATOR LIGHT ASSEMBLY

CONTAINS 14 INDICATOR LIGHTS WITH 24 VOLT #313 BAYONET BASE AND 9 FT. 15 CONDUCTOR CABLE.

Size: 7 1/2x2 1/2x2 1/2; WT: 2 LBS. PRICE: \$2.95



SA-365/UPM SWITCH ASSEMBLY

CONTAINS 14 PUSH BUTTON MICRO SWITCHES D.P.D.T #2PB21 WIRED TO A 7 COND. & SHIELD CABLE 35 FT. LONG. USED WITH ID-256 INDICATOR LIGHT ASSY. FOR SPECIAL TEST PURPOSES.

Size: 6x5x2; WT: 5 LBS.
PRICES: WITH CABLE \$6.95 LESS CABLE...\$4.95
PLASTIC COVERED CABLE 5 COND. SHIELDED 5 1/2 FT.



AUTOMATIC ELECTRIC RELAY ASSEMBLY; 12 A/E TYPE RT-379-

A1 RELAYS, 48VDC .1 AMP OPERATING 10 CONTACT ARRANG. #D-857697 AUTOMATIC LINE FINDER, RACK MOUNTING

Size: 13 1/2x4 1/2x6 1/2; 12 LBS. PRICE: w/COVER N\$12.95

AUTOMATIC ELECTRIC SWITCH ASSEMBLY, COMBINED HOWLER AND BREAK-DOWN UNIT, 48 VDC, 4 DECK 26 CONTACT STEPPING SWITCH AND 5 RELAYS



#D855332A RACK MOUNTING 13 1/2x4 1/2x6 1/2; 13 LBS. PRICE: w/COVER NEW \$10.95



RA-87 RECTIFIER; FOR USE WITH TELETYPE EQUIPMENT.

CONVERTS 95 TO 125-VOLT OR 190 TO 250 VOLTS 50-60 CYC TO 115 VDC 400 MA AND 115 VAC 4.35 A. WHEN USED WITH 190 TO 250 VAC INPUT. RE-NEW \$12.95

Size: 14 1/2x7 1/2x8; 45 LBS. USED \$8.95

TELETYPE PAPER

TELETYPE PAPER 8 1/2 INCHES WIDE 4 3/4 INCH DIAMETER THREE SHEETS OF PAPER 2 SHEETS CARBON, 4 LBS. PRICES: EACH ROLL 50¢; 12 ROLLS \$5.00

TELETYPE PERFORATOR TAPE 11/16" WIDE APPROX. 900 FT. OILED, 10 ROLLS \$2.50

TELETYPE

TELETYPE TRANSMITTER-DISTRIBUTOR

SINGLE CHANNEL MOTOR DRIVEN DEVICE WHICH CONSISTS OF A TAPE SENSING, TAPE FEEDING AND A TRANSMITTING MECHANISM AND DISTRIBUTOR MOTOR WHICH ENCLOSED IN A METAL COVER. MOTOR IS 110 VOLT 60 CYCLE, 1 PH SYNCHRONOUS INDUCTION MOTOR, 1/40 H.P. 2.2 A. SHUNT TYPE MODEL #5SH25AB11B OR EQUAL.

Size: 15 1/2x8 1/2x9; WT: 35 LBS. COND. USED BY WU \$14.95 2 FOR \$25.00



RM-21 CONTROL BOX

WITH HAND SET HOLDER, 3 PUSH SWITCHES VOLUME CONTROL & PLUG. HANGERS FOR MOUNTING.

Size: 10 1/2x7 1/2x2 1/2; 8 LBS IN WOOD CARRING CHEST. \$3.95



TELEPHONE WALL TYPE DIAL

Size: 5 x9 1/2 x6; 10 LBS. #JENN-WAT USED \$9.95

MAGNETIC AMPLIFIER

TRANSMITTER SUB-ASSY. FILAMENT CHASSIS, PART OF AN/ALT-8 COUNTERMEASURES SET. CONSISTS OF CK927 FULL WAVE RECTIFIER CK843 SILCON RECT., TWO CK846 SILCON RECT., MAGNETIC AMPLIFIER TRANS. FIL. TRANS. 115/400CYC. SEC. 6.3/6A. MINIATUR POTS. AND DPST RELAY ALL MOUNTED ON CHASSIS 7 1/2x3x3 1/2; WT: 3LBS. PART#2527-501-G1

PRICE: NEW \$1.95

AC TO DC POWER SUPPLY; 115 VOLT 50-60 CYCLE INPUT, OUTPUT 115 TO 230 VDC IN VARIOUS STEPS AS CAN BE ADJUSTED BY THE TAP SWITCH ON THE PRIMARY AND SECONDARY IN SIX STEPS, APPROX. 400 TO 500 MA. D.C.

#KS-5825-L01 Size: 19x3x10; WT: 45 LBS. PRICE: USED \$9.95

TG-34A KEYS:

CODE PRACTICE SET USED TO REPRODUCE SIGNALS PREVIOUSLY RECORDED ON INKED PAPER TAPES. VARIABLE SPEED MOTOR, KEYING OSCILLATOR WITH SPEAKER AND PHONE JACK. OPERATES FROM 115/230 50/60 CYC. HOUSED IN PORTABLE CARRING CASE.

Size 15x10x10; WT: 40 LBS. PRICE: RE-NEW, CHECKED \$24.95

BLANK PAPER TAPE FOR TG-34 & TG-10 3/8" WIDE 800 FT. LONG, APPROX. 8" REEL . PRICE: 5 REELS FOR \$1.25

DYNAMOTORS

TYPE	INPUT VOLTS	INPUT AMPS.	OUTPUT VOLTS	OUTPUT AMPS.	SIZE	WEIGHT	EQUIPMENT USED WITH	PRICES		
								USED	RE-NEW	
DM-21	14	3.3	235	.090	6x5x3	8	BC-312	\$4.95	\$7.95	
DM-28	27.9	1.25	220	.070	3x5x6 1/2	5 1/2	BC-348	4.95		
DM-25	12	2.2	250	.050	3x3x4 1/2	3	BC-367	2.95	4.95	
DM-45	24	1.1	250	.050	3x3x4 1/2	3	BC-667	2.95	4.95	
DM-34	14	2.8	220	.080	3x4 1/2 x 6 1/2	5	BC-603-683	2.95	4.95	
DM-36	28	1.4	220	.080	3x4 1/2 x 6 1/2	5	BC-603-683	2.95	4.95	
DM-40	14	3.4	172	.138	7x5 1/2 x 3 1/2	7	BC-652	\$6.95		
DM-41	28	1.7	172	.138	7x5 1/2 x 3 1/2	7	BC-652	\$6.95		
DM-42	12	39	515	.215						
			1030	.260	7x7x11	38	BC-653	\$7.95		
DM-43	24	19.5	515	.215						
			1030	.260	7x7x11	38	BC-653		9.95	
DM-53AZ	14	2.8	220	.080	4 1/2 x 3 x 3 1/2	3	RC-733	2.95	4.95	
DM-53	28	1.4	220	.080	4 1/2 x 3 x 3 1/2	3	RC-733	3.95	N	
DM-32	28	1.1	250	.060	4 1/2 x 3 1/2 x 3	3	VARIOUS	2.95	4.95	
DY-2/ARR-2	SAME AS ABOVE		DM-32 ONLY		IS A LATER NUMBER.					
35x032	14	2.2	250	.060	4 1/2 x 3 1/2 x 3	3	As DM-32		4.95	
DM-33	28	5	575	.160	6 1/2 x 3 1/2 x 3 1/2	6	BC-456	9.95		
DM-35	12.5	18.7	625	.225	8 1/2 x 4 1/2 x 4 1/2	13	VARIOUS		20.00	
DM-37	25.5	9.2	625	.225	8 1/2 x 4 1/2 x 4 1/2	13	"	\$9.95		
BD-69	14	2.8	220	.080	6 1/2 x 6 x 4 1/2	10	VARIOUS		3.95	
BD-77	14	39.0	1000	.350	11x10x6 1/2	40	BC-191	\$14.95	\$19.95	
BD-83	14	6.5	375	.150	6 1/2 x 5 1/2 x 4 1/2	10 1/2	SCR-183		7.95	
BD-93	28	3.2	375	.150	6 1/2 x 5 1/2 x 4 1/2	10 1/2	SCR-283		4.95	
PE-73	28	19	1000	.350	11x10x6 1/2	39	BC-375	WRITE F/PRICE		
PE-86	28	1.25	250	.060	5x5 1/2 x 3 1/2	3 1/2	VARIOUS	2.95	4.95	
PE-94	28	10.5	300	.260	12x5x8	35	SCR-522	4.95		
PE-94	SAME AS ABOVE DYNAMOTOR ONLY			14.5	5.0				4.95	
PE-98	14	21.0	300	.260	12x5x8	35	SCR-522	5.95	9.95	
			150	.010				3.95	5.95	
PE-98	SAME AS ABOVE, DYNAMOTOR ONLY, NO FILTER.			400	.135	14x4x7	15	BC-645	4.95	7.95
PE-101	13/26	12/6	800	.020			ABA			
			9 v 80cyc	1.12A						
PE-133	12	2.3	230	.090	4x7x6 1/2	1	BC-1003	4.95	6.95	
DY-1	14	2.4	250	.060	3x3 1/2 x 4 1/2	3	VARIOUS		4.95	
DY-2	28	1.2	250	.060	3x3 1/2 x 4 1/2	3	"	2.95	4.95	
DY-9	26	4.3	360	.135	9x5x3 1/2	10	"	9.95		
DY-10	13/26	4.3/8.7	"	"	"	11	"	12.95		
DY-21	27	7.0	410	.325	7 1/2 x 3 x 3 1/2	9	T-67/ARC-3	7.95		
DY-22	27	1.8	210	.125	3 1/2 x 3 1/2 x 6	5	R-77/"	4.95		
DY-17A/ART-13A	EICOR ML-5023-1 SPECIAL									
	28	33	1190	.350	6 1/2 x 8 x 12	33	T-47A/ART-13	15.00	20.00	
DY-17	27	32	410	.400	"	30	"		12.95	
DY-17	27	33	750	.350	"	30	"		12.95	
			400	.750						
DY-17	DYNAMOTOR ONLY LESS FILTER BASE								6.95	
DA-1A	28	1.6	230	.100	3 1/2 x 3 1/2 x 5 1/2	6	VARIOUS	3.95	6.95	
DA-1F	25	14.8	540	.450	4 1/2 x 4 1/2 x 8	15	"		9.95	
DA-12	12.5	29	540	.450	"	15	"		20.00	
	25	14.8	"	"	"	"	"			
DA-14	14	3.3	230	.100	3 1/2 x 3 1/2 x 6	6	"	4.95	6.95	
DA-19	28	11	400	.400	8x4 1/2 x 4 1/2	13	"	4.95	6.95	
D-401	12	9.9	400	.180	4x4 1/2 x 7	10	T.C.S.		6.95	
D-401SP	12	9.9	440	.200	"	10	TCS/CP	6.95	8.95	
D-402	12	3.8	220	.100	3x3x5 1/2	3	T.C.S.		4.95	
41S6	13	13.0	300	.225	8 1/2 x 4 1/2 x 4	10	VARIOUS		7.95	
	DUAL OUTPUT			.060						
377	14	8.0	425	.163	5 1/2 x 6 x 8 1/2	13	"	6.95	9.95	
21772	12	3.0	235	.075	6 1/2 x 5 x 4	7	"	4.95		
12B6534	24	1.75	300	.070	3x3x4 1/2	3	UNK		4.95	
DMX310	12	2.8	150	.100	3x3x4 1/2	3	"		4.95	
D101	27	1.75	285	.075	"	3	"		4.95	
PM-0516	12/24	8/4	275	.110	7 1/2 x 4 1/2 x 3	6	RT-7/APN-1	3.95	5.95	
	WILL ALSO SUPPLY 12 V FROM 24 OR 24 V FROM 12 @ 3 AMP.									
VRC-2	5.5	31	600	.175	7x4 1/2 x 4 1/2	8	T-193		7.95	
259K1003	24	7	405	.270	7x4x5	12	MOTOROLA		6.95	
MP-10G	24/28	27	1100	.400	10 1/2 x 6 1/2	30	TA-2		16.95	
SU-125	THE ABOVE ITEM IS DYNAMOTOR ONLY									
MA-2503	6	3.6	250	.030	3 1/2 x 5 x 3	6	BC-1323		4.95	
DMF-519H	28	18	630	.500	8x4 1/2 x 4	10			14.95	
DYA4223F	28	28	1000	.500	8 1/2 x 4 1/2	15		9.95		
CARTER										
633BS2B	12	25	650	.300	6x4x3 1/2	12	NEW MANUF.		20.00	

INVERTERS



EICOR INVERTER X3516-1
 INPUT: 27.5 VDC 165 AMPS.
 OUTPUT: 115 VOLT 400 CYCLE
 2500 V.A 1 PHASE
 SIZE: 16x11x8 1/2; WT: 75 LBS.
 EXCELLENT COND. \$49.50

PE-218D INVERTER
 INPUT: 25/28 VDC 80-90 AMP
 OUTPUT: 115 V 400 CYCEE
 13 AMP; 1 PHASE
 SIZE: 17x10x9; WT: 75 LBS.
 PRICE: UNUSED \$50.00

5D21NJ3A INVERTER
 INPUT: 27 VDC 35 AMPS.
 OUTPUT: 115 VAC 400 CYCLE
 1 PHASE 2.17 AMPS.
 SIZE: 9x6x5 1/2; WT: 25 LBS.
 USED \$16.95 UNUSED \$24.95

MG-153 INVERTER
 INPUT: 24 VDC 52A 1000 VA
 OUTPUT: 115 V 400 CYCLE
 3 PHASE 750 VA & 26 V 400
 CYCLE 1 PHASE 250 VA.
 SIZE: 12x8x8; WT: 28 LBS.
 PRICE: USED \$24.95

INVERTER
 INPUT
 27.5VDC 60A
 OUTPUT
 115 V 400 CY
 750 W 3 PHASE
 26 V 400 CY
 50 W 1 PHASE
 SIZE 11x10x6; WT: 40 LBS.
 LELAND#10285 USED \$34.95

INVERTER
 INPUT
 27VDC 22A
 OUTPUT
 115V 400 CY
 3 PH 250 VA
 SIZE 9x6x4; WT: 15 LBS.
 ECLIPSE#E-1617-1 Used \$14.95

800-1-A INVERTER
 INPUT: 24 VDC
 @ 75 AMPS.
 OUTPUT: 115
 V.800 cyc.
 1 PHASE
 10.5 AMPS.
 WT: 35 LB.
 SIZE: 4 1/2 x 8 x 1 1/2.
 UNUSED \$14.95

SOLID INVERTER

SOLID
 STATE
 SUPPLY
 12 VDC
 115VAC
 DESIGNED FOR USE WITH REM-
 OTE READING MAGNESYN COMPAS
 SYSTEM. NEW MANUFACTURE.
 OUTPUT 26 V. 400 CYC 100 MA
 SIZE: 5x2x1 1/2; WT: 2 LBS.
 #WS-957 FOR 12 VDC \$16.95
 #WS-115 FOR 115 VOLT
 60 CYCLE \$24.95

JACK & HEINTZ INVERTER
 #AN-3532-2 INPUT 27.5 VDC
 @ 20 AMPS. OUTPUT 115 VOLT
 400 CYCLE, 3 PHASE, 250VA
 VOLTAGE REGULATED.
 SIZE: 12x7 1/2 x 4 1/2; WT: 20 LBS.
 FED#6125-617-0967
 USED \$14.95 RE-COND. \$22.95

VIBRATOR

POWER SUPPLIES



VIBRATOR
 PACK 12 VDC
 INPUT, 275
 VDC @ 80 MA.
 OUTPUT SELF
 RECTIFYING.
 SIZE: 5 1/2 x 6 x 3
 WT: 7 LBS.
 MALLORY-369
 Used \$4.95

MALLORY#12B300C; 12 vdc @
 3 AMPS. INPUT, 300 vdc 100
 MA. OUTPUT. SIZE: 6 1/2 x 4 1/2 x 3 1/2
 WT: 10 LBS.
 PRICE: LESS RECTIFIER TUBE
 Used \$4.95

TBY VIBRATOR PACK CLG20144
 INPUT 4 VDC @ 2.5 AMP.
 OUTPUT 156 VDC @ 35 MA. 1.5
 VDC @ 190 MA. & 7.5 VDC @
 35 MA. SIZE: 6 1/2 x 4 1/2 x 3 1/2; 8 LBS
 Used \$4.95

PE-104 POWER
 CONVERTER.
 6 OR 12 VDC
 INPUT, OUTPUT
 90 VDC, 1 1/2 VDC AND -45 VDC.
 SIZE: 4x4x7; WT: 10 LBS.
 NEW \$3.95 w/EXTRA VIB. \$4.95

PP-855/PRC-14 VIBRATOR
 POWER
 SUPPLY
 WITH FILTER NETWORK.
 6 VOLTS DC INPUT, 5.35 AMP
 OUTPUT 135 VDC @ 155 MA.
 SIZE: 7 1/2 x 2 1/2 x 2 1/2; WT: 3 LBS.
 NEW \$4.95

DUAL SIX VOLT
 D.C. VIBRATOR
 POWER SUPPLY.
 OUTPUT 540
 VDC @ 150 MA.
 CAN BE TAPPED
 AT 270 VDC.
 WITH 2/0Z4 TUBES.
 SIZE: 9x6x5; WT: 10 LBS.
 STK#SH6694-5 NEW \$7.95

PE-237
 POWER
 SUPPLY
 FOR
 BC-1306
 GRC-9

VIBRATOR TYPE WITH 1005 &
 1006 TUBES ALSO VB-16 vib.
 VOLTAGE REG. 6 OR 12 OR 24
 VDC, OUTPUT 525 VDC @ 90MA
 105 VDC @ 42 MA. 6.5 VDC
 @ 2 AMP, 6 VDC @ 500 MA.
 1.3 VDC @ 450 MA. & 130 VD
 @ 17 MA. SIZE: 10x10x17;
 WT: 85 LBS. RE-COND. \$19.95

PE-120 POWER
 SUPPLY FOR
 BC-659 BC-620
 TRANS. RECEIV-
 ER. VIBRATOR
 TYPE VOLTAGE
 REGULATED.
 WITH TUBES
 VR-105/0B-3, 1005 & BALLAS
 VOLTAGE INPUT 6 OR 12 OR 24
 DC OUTPUT 145 @ 175 MA, 90
 @ 40 MA & 1.5 @ .75 AMP.
 SIZE: 4 1/2 x 13 1/2 x 15 1/2; WT: 30 LBS
 RE-COND. \$7.95

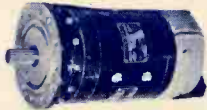
PP-18 CONVERTER
 12 VDC 4 AMP TO
 24 VDC 1.5 AMP.
 PARRALLEL FOR
 MORE CURRENT.
 WITH SPARE VIB-
 RATOR & 3500
 MFD. 25 VOLT CAP. ALSO PLUG
 SIZE: 6 1/2 x 5 1/2 x 8 1/2; WT: 10 LBS.
 NEW \$4.95

GENERATOR

GENERATOR
 G - 24
 AC - DC
 115 V. 800 cyc 10.5 AMPS.
 24 V. D.C. 60 "
 SPLINE SHAFT SIZE 7/8x1 1/2
 SIZE: 6 1/2 x 7 1/2 x 13; WT: 45 LBS.
 RE-COND. \$24.95




D.C. GENERATOR 30 V. 200 A.
 4400 TO 8000 R.P.M. 3/4x1 1/2 IN
 SPLINED SHAFT, FLANGE MTG.
 SIZE: 10 1/2 x 6 x 8; WT: 36 LBS.
 GE#2CM637B RE-COND. \$24.95




BENDIX GENERATOR 12 VOLTS.
 D.C. 50 AMPS. SPLINED SHAFT
 3/4x1 1/2, 6" FLANGE, 12 MOUNT.
 ING HOLES, 3500-4000 R.P.M.
 SIZE: 6x11; WT: 36 LBS.
 #R-86-EC310-27A NEW \$12.95

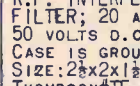
TRAILER LIGHTS BALANCING LOAD ASSY. USED FOR TAIL AND STOP LIGHTS. CONTAINS RESISTORS 1.1 40 WATT, 1.5 40 WATT, .6 & .8 OHM 70WATT SIZE 7x2x4; 3 LBS. MOPAR#B7015812 \$1.50




BUZZER 24/28 VOLTS D.C. IN SEALED CAN. TWO HOLE MTG. SIZE: 3x2x1 1/2; WT: 1 LB. #MH-12079 \$1.00



R.F. INTERFERENCE FILTER; 20 AMPS 50 VOLTS D.C. CASE IS GROUND. SIZE: 2 1/2x2x1 1/2; WT: THOMPSON#TF-55363 \$1.75



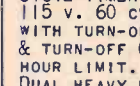
GEARED MOTOR & POTENTIOMETER CONTROL. EASTERN AIR MOTOR J33D-24, 120 V. 400CY 1/50 H.P. CONNECTED TO GEARED ASSY TERMINATING TO SPLINED SHAFT RECEPTACLE, SMALL TYPE, THAT TURNS 45 RPM, ALSO GEARED TO TRIPLE GANGED POTS. THAT TURN 1/5 RPM WITH INDICATOR, 2 POTS 1K OHM 1/200K. SIZE: 5 1/2x3 1/2; WT: 3 LB. #7608155 REM \$3.



CRY BUTTONS REFLECTORS, CAN BE USED TO MAKE SIGNS OR MARKERS. SHINE WHEN LIGHT STRIKES 2" DIA. REQUIRES #10 NUT FOR MTG. NC#15-1; CARD OF 100 \$2.00



STOVE TIMER 115 V. 60 CYC WITH TURN-ON & TURN-OFF 6 HOUR LIMIT. DUAL HEAVY DUTY CONTACTS. SIZE: 6 1/2x3 1/2; WT: 2 LB. INT. E-10694 \$1.50



TELEREGISTER READOUT



IMPLUSE COUNTER RACHET TYPE NUMBERED 1-2-3-4-5-6-7-8-9-0, OPERATES FROM 12 VOLT DC NUMBER SIZE 3/8x1, MASK SIZE 1-3/8x1-7/8 LENGTH 4" WT: 1/2 LB. #TELEREGISTER K-1 PRICE: 79¢ EA. 2 FOR \$1.50

BRUSH SETS

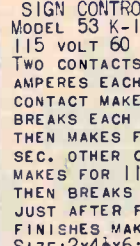
DY-12 DY-17 \$3.00 PER SET



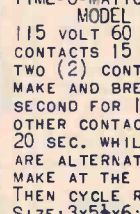
DM-21	DM-25	DM-28	DM-32
DM-33	DM-34	DM-35	DM-36
DM-37	DM-40	DM-41	DM-42
DM-43	DM-45	DM-53	DM-64
BD-83	BD-77	BD-93	BD-69
PE-73	PE-86		
DA-1A	DA-12	DA-14	DA-15
DY-21	DY-22		SP-12F

OTHER TYPES ALSO AVAILABLE SET OF FOUR BRUSHES \$1.00

TIME-O-MATIC SIGN CONTROL MODEL 53 K-156 115 VOLT 60 CYC. TWO CONTACTS 15 AMPERES EACH, ONE CONTACT MAKES & BREAKS EACH SEC. THEN MAKES FOR 7 SEC. OTHER CONTACT MAKES FOR 11 SECONDS THEN BREAKS FOR 3 SECONDS JUST AFTER FIRST CONTACT FINISHES MAKING & BREAKING SIZE: 2x4 1/2x6; 3 LB. \$2.95



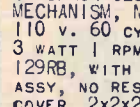
TIME-O-MATIC SIGN CONTROL MODEL 53 K-155 115 VOLT 60 CYCLE, THREE CONTACTS 15 AMPERES EACH, TWO (2) CONTACTS ALTERNATE MAKE AND BREAK ONCE PER SECOND FOR 15 SECONDS, OTHER CONTACT BREAKS FOR 20 SEC. WHILE THE OTHER 2 ARE ALTERNATING THEN ALL 3 MAKE AT THE SAME TIME. THEN CYCLE REPEATS AGAIN. SIZE: 3x5 1/2x6; 3 1/2 LBS. \$4.95




SYNCHRON CLOCK MECHANISM, No. 610 110 V. 60 CYC. 3 WATT 1 RPM MOTOR #43RA WITH GEAR ASSY WITH RESET. ALSO DUST COVER. SIZE: 3x3 1/2x2; 1 LB. #33-18-C1 \$1.75




SYNCHRON CLOCK MECHANISM, No. 610 110 V. 60 CYCLE 3 WATT 1 RPM #EC-129RB, WITH GEAR ASSY, NO RESET OR COVER. 2x2x2 1/2; 4oz. \$1.35



TIMER SPRING WOUND 360 DEGREES ONE HOUR, CAN BE TURNED ANY DEGREE & BELL WILL RING WHEN SPRING IS UN WOUND. SLOTTED & FLATENED SHAFT FOR KNOB. LUX#230 SIZE: 2 1/2x1 1/2; WT: 4 OZ. \$1.00



RATE-GYRO No. 8511364 28 VOLTS D.C. GYRO MOTOR WITH POTENTIOMETER. WESTERN ELECTRIC GA-10147-3 SIZE: 2 1/2x2 1/2x4; WT: 3 LB. \$4.95



FT-384 ADAPTER FOR TESTING BC-603/683 RECEIVERS.



PLUGS IN REAR OF SET AND HAS METERING SWITCH, BINDING POSTS FOR METER. USED FOR CHECKING VOLTAGES AND ALIGNMENT PURPOSES. WITH 6' BATTERY CABLE. SIZE: 4 1/2x2 1/2x2 1/2; 3 LBS. UNUSED \$4.95

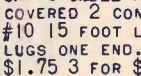
AS-207/CRT-3 ASSY WITH 300 FOOT OF 16 STRAND BRAIDED CADMIUM ALLOY COPPER WIRE ON RL-48 REEL WITH CRANK MOUNTED TO ALUMINUM DOOR WITH ADJUSTABLE BRAKE AND SNAP SWIVEL. USED AS ANTENNA FOR GIBSON GIRL TRANSMITTERS, WIRE IS ATTACHED TO BALOON OR KITE WHICH IS NOT SUPPLIED. SIZE: 4 1/2x2; 2 LBS. \$5.95



CABLE 3 CONDUCTOR #18 PLASTIC COVER 15 FT. LENGTHS 35¢ 3 FOR \$1.00




CX-76 CABLE RUBBER COVERED 2 CONDUCTOR #10 15 FOOT LENGTHS LUGS ONE END. 5 LBS. \$1.75 3 FOR \$5.00



BIRNBACH #7218 SIZE 18 STRANDED TYPE WL. EXT. NYLON JACKET 1000 FT. REEL \$5.00

ELECTRIC DEFROSTER

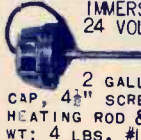


6 VOLTS D.C. DEFROSTER FOR CAR OR TRUCK. USE TWO IN SERIES FOR 12 VDC. MOUNTS BY USE OF SUCTION CUPS, HAS FOUR WIRES RUNNING THROUGH GLASS WHICH IS 8"x16". THREE FOOT CORD WITH CONNECTOR FOR LONGER LENGTH CABLE, SWITCH FOR LOW & HI. COMES IN METAL STORAGE CASE WT: & LBS. PRICE: \$3.95

VERNIER SET ATC TIMER WITH 15 MIN. TIMING PERIOD. SYNCHRONOUS MOTOR OPERATES FROM 230V 60 CYC AND HAS SPDT CONTACTS FOR CONTROL OF INDUSTRIAL EQUIPMENT. SIZE 6 1/2x5 1/2x3 1/2; WT. 5 LBS. PRICE \$9.95 NEW

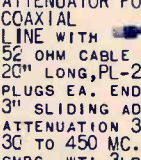


IMMERSION HEATER 24 VOLT AC/DC 50 W. WATTS




2 GALLON, 3" PRESS CAP, 4 1/2" SCREW CONE, 12" HEATING ROD & 5 FT. CORD. WT: 4 LBS. #LFCEA8801 \$2.95

ATTENUATOR FOR COAXIAL LINE WITH 52 OHM CABLE 20" LONG, PL-259 PLUGS EA. END. 3" SLIDING ADJUSTMENT FOR ATTENUATION 30 DB TO 100DB 3C TO 450 MC. WITH ADAPTERS SHPG. WT: 3 LBS. USED \$5.95

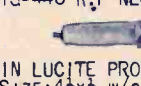


ANNUNCIATOR 115 VOLT 60 CYCLE 1" DISPLAY, MANUAL CLEARING. WATERPROOF CASE. SIZE: 9x9x6 1/2; 12 LB #CAL1000S-9A



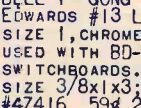
NINE DROPS \$9.95 FIVE DROPS \$5.

TS-446 R.F. NEON INDICATOR

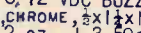


IN LUCITE PROBE, NE-2 BULB SIZE: 4 1/2x2 1/2 w/CLIP \$1.00

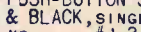
BELL 1" GONG 3 VDC EDWARDS #13 LUNGEN SIZE 1, CHROME PLATE USED WITH BD-71-72 SWITCHBOARDS. SIZE 3/8x1x3; 2 OZ. #42416 59¢ 2/\$1



6/12 VDC BUZZER CHROME, 1x1 1/2; 2 OZ. #J-3 59¢



PUSH-BUTTON SWITCH CHROME & BLACK, SINGLE HOLE MTG. NO. #J-3-PB 39¢



ALLIGATOR CLIP WITH PINCH SPIKE JAWS AND SCREW HOLDER FOR WIRE, 2" LONG. 12 FOR \$1.00

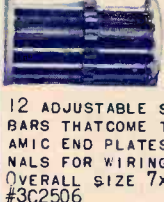


RADIO FREQUENCY SECTIONS TRANSMITTER SECTION OSCILLATOR CAN BE ADJUSTED BETWEEN 425-440 MC. WITH TWO 955 TUBES (NO WOBULATOR) HOUSED IN ALUMINUM CAN 2 1/2x3 x6"; 2 LBS. RE-MOVED FROM EQUIPMENT. RECEIVER SECTION, BALANCED. DETECTOR WITH 2-9004 TUBES. HOUSED IN ALUMINUM CAN 2 1/2x3 x6"; WT: 2 LBS.

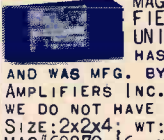


RE-MOVED FROM EQUIPMENT RT-7/APN-1 RECEIVER OR TRANSMITTER SUB-ASSEMBLY. PRICE: WITH TUBES... \$1.50 LESS " .75

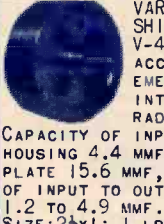
R.F. TANK COIL BC-669 45 TURNS 14 WIRE WOUND ON BAKELITE FORM 2 1/2" DIA. 12 ADJUSTABLE SLIDERS ON BARS THAT COME THRU THE CERAMIC END PLATES WITH TERMINALS FOR WIRING. OVERALL SIZE 7x3 1/2; WT: 5 LB. #3C2506 \$2.50



MAGNETIC AMPLIFIER SENSING UNIT; THIS UNIT HAS 8 TERMINALS AND WAS MFG. BY MAGNETIC AMPLIFIERS INC. THE SPECS. WE DO NOT HAVE AVAILABLE. SIZE: 2x2x4; WT: 1 LB. MAC#60079.16 UNUSED \$1.50




VARIGON PHASE SHIFT CAPACITOR V-42. USED FOR ACCURATE MEASUREMENT OF TIME INTERVALS IN RADAR SYSTEMS. CAPACITY OF INPUT PLATE TO HOUSING 4.4 MMF. OUTPUT PLATE 15.6 MMF, CAP. VAR. OF INPUT TO OUTPUT PLATE 1.2 TO 4.9 MMF. SIZE: 2 1/2x1; 1 LB. \$2.95



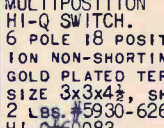
CAPACITY TUNER WITH AUTOTUNE 160 TO 211 MC WITH COND. RESISTORS 2/50-239 1/2C26 TUBE. 7 1/2x5 1/2x5 7 LBS. WITH TUBE \$2.95



RT-58/ARC-12 CHANNEL SELECTOR AND MOTOR ASSY. 10 POSITION AUTOTUNE MOTOR DRIVEN 26.5 VDC WITH 2 SHAFTS 60 RPM ALSO RELAYS. 4 1/2x6x3 1/2; 5 LB. #596C-1 \$2.95



MULTIPOSITION HI-Q SWITCH. 6 POLE 18 POSITION NON-SHORTING GOLD PLATED TERMINALS. SIZE 3x3x4 1/2, SHAFT 1x1 1/2 2 LBS. #5930-626-6224 HI-0760083 \$2.95



TAPE

SOUND RECORDING TAPE TW-3U 7" REEL WITH APPROX. 900' OF 2" TAPE. USED WITH RD-42 RECORDER. #5835-543-1325 WT: 5 LBS. \$4.95



COMMAND RECEIVER COILS

85 KC 1.F.	\$1.50
1415 KC 1.F.	\$1.50
2830 KC 1.F.	\$1.50
1415 KC OSC.	\$1.00
2830 KC OSC.	\$1.50
3 TO 6 MC RF	\$1.50
6 TO 9 MC RF	\$1.50

BUD TRANSMITTING COIL MOUNTED ON 5 PIN CERAMIC BASE FOR 40 METERS #3C804 \$1.00

MEISSNER COIL KIT FOR SIGNAL SHIFTERS, PLUG IN TYPE. THREE (3) COILS OSC. PLATE, OSC. GRID AND BUFFER, 5 & 6 PRONG BASES. SET OF 3 COILS 3C2500-52 2395-2835KC \$1 3C368-14 1000-1170KC \$1

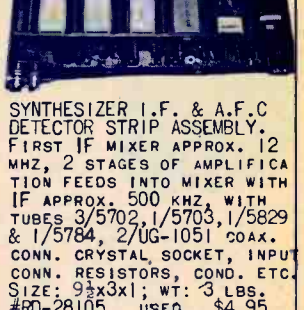
465 KC 1.F. COIL SLUG TUNED IRON CORE. #PC77366-7 \$.75

30 MC 1.F. COIL SLUG TUNED IRON CORE #2272943.8 \$.50

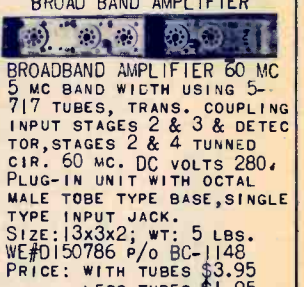
F.M. TUNER 88-108 MHZ THREE TRANSISTORS IN R.F. OSCILLATOR & MIXER STAGES 10.7 MHZ OUTPUT. MINATURE CONSTRUCTION BY LEAR CO. SIZE: 2 1/2x1 1/2x1; WT: 4 OZ. LEAR#604-236 USED \$1.00



SYNTHESIZER I.F. & A.F.C. DETECTOR STRIP ASSEMBLY. FIRST IF MIXER APPROX. 12 MHZ, 2 STAGES OF AMPLIFICATION FEEDS INTO MIXER WITH IF APPROX. 500 KHZ, WITH TUBES 3/5702, 1/5703, 1/5829 & 1/5784, 2/UG-1051 COAX. CONN. CRYSTAL SOCKET, INPUT CONN. RESISTORS, COND. ETC. SIZE: 9 1/2x3x1; WT: 3 LBS. #RD-28105 USED \$4.95

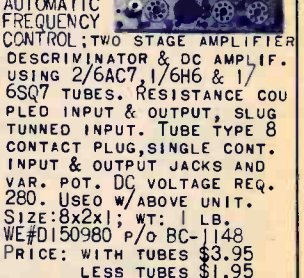


BROAD BAND AMPLIFIER

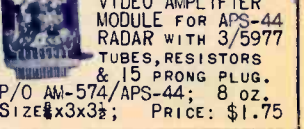


BROADBAND AMPLIFIER 60 MC 5 MC BAND WIDTH USING 5-717 TUBES, TRANS. COUPLING INPUT STAGES 2 & 3 & DETECTOR, STAGES 2 & 4 TUNED CIR. 60 MC. DC VOLTS 280, PLUG-IN UNIT WITH OCTAL MALE TOBE TYPE BASE, SINGLE TYPE INPUT JACK. SIZE: 13x3x2; WT: 5 LBS. WE#D150786 P/O BC-1148 PRICE: WITH TUBES \$3.95 LESS TUBES \$1.95

AUTOMATIC FREQUENCY CONTROL; TWO STAGE AMPLIFIER DISCRIMINATOR & DC AMPLIF. USING 2/6AC7, 1/6HG & 1/6SQ7 TUBES. RESISTANCE COUPLED INPUT & OUTPUT, SLUG TUNED INPUT. TUBE TYPE 8 CONTACT PLUG, SINGLE CONT. INPUT & OUTPUT JACKS AND VAR. POT. DC VOLTAGE REQ. 280. USED W/ABOVE UNIT. SIZE: 8x2x1; WT: 1 LB. WE#D150980 P/O BC-1148 PRICE: WITH TUBES \$3.95 LESS TUBES \$1.95



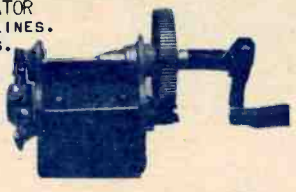
VIDEO AMPLIFIER MODULE FOR APS-44 RADAR WITH 3/5977 TUBES, RESISTORS & 15 PRONG PLUG. P/O AM-574/APS-44; 8 OZ. SIZE: 3x3x3 1/2; PRICE: \$1.75



AC-DC Motors Hi-Speed Gear Reduction's Blowers

MAGNETO GENERATOR

HAND TYPE MAGNETO GENERATOR
USED TO RING TELEPHONE LINES.
OUTPUT APPROX. 100 VOLTS.
CAN BE USED AS A SHOCK
MACHINE, LIGHT SMALL
LAMPS OR DRIVE WORMS
OUT OF THE GROUND BY
WIRING THE OUTPUT TO
METAL STAKES AND ORI-
VING THE STAKES IN-
TO THE GROUND.
GN-38B GENERATOR (UPPER RIGHT)
PERMANENT MAGNETS. SHPG. 1 LB.
SIZE: 5x3x2. USED \$3.95



G-25A GENERATOR (TO RIGHT)
PERMANENT MAGNETS. SHPG. 1 LB.
SIZE: 4x2x2 (ROUND) USED \$2.95



RATCHET MOTOR, 24 VOLT DC 60 RPM CONTINUOUS
ALSO 3 POSITION STOP. BAND SWITCH ASSEMBLY
AS USED IN R-5/ARN-7 COMPASS RECEIVER.
UNIT WILL ALSO OPERATE ON 18 TO 24 VDC.
SIZE: 3x4x1. WT: 1.2 LBS. STK# 609-ARN-7
PRICE: \$1.25



WESTINGHOUSE BUSINESS MACHINE MOTOR 25 MHP
115 VOLTS 50/60 CYCLE .5/4 AMPE
TYPE FL 4.0/3.0 MFD. 1425/1725
RPM. SIZE: 4x4x4; WT: 5 LBS.
SHAFT 5/16x3 FLATTENED. FOR USE
IN RUBBER SHOCK MOUNTING BRACKE
PRICE: NEW \$4.95



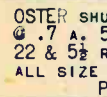
TELETYPE MOTOR AC; 110 VOLT 60 CYCL
1 PHASE, NON-SYNCHRONOUS, 1/25 HP,
1800 RPM, 1.25 AMP., DOUBLE SHAFT
1 1/2x3/16 & 5/8 x 3/16, MOTOR SIZE 5 1/2 x
5x5; WT: 13 LBS. GE#28478
USED \$4.95



LEECE-NEVILLE 24 VOLTS D.C. .75 H.P.
4500 R.P.M. 45 AMPS. SPLINED SHAFT
5/8" x 3/4", WITH FOUR HOLE MOUNT-
ING BASE AND FOUR HOLE MOUNTING FL.
4 1/2x4 1/2, MOTOR SIZE 4x4x7; WT: 24 LBS.
LE TYPE #1504M UNUSED \$7.95



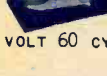
OSTER SHUNT MOTOR B-9-1, 27 1/2 VOLTS D.C
@ .7 A. 5600 RPM FOR MOTOR, GEAR HEAD
22 & 5 1/2 R.P.M. SHAFT SIZE 1/2x1 1/2, OVER
ALL SIZE 2 1/2x3x7. WT: 2 1/2 LB.
PRICE: UNUSED \$1.95



GENERAL INDUSTRIES HEAVY DUTY PHONOGRAPH
MOTOR: 115 VOLT 60 CYCLE 33 1/3 RPM.
SIZE: 4x4x4; WT: 6 LBS. GI#4483 \$1.95



ALLIANCE PHONOGRAPH MOTOR
78 RPM AT FRICTION WHEEL, 110
VOLT 60 CYCLE. SIZE: 3 1/2x4x3; 3 LBS.
ALL#78110 PRICE:\$1.00



PM MOTOR ASSEMBLY & GEAR TRAIN
USED IN R-44 RECEIVER FOR REMOTE
TUNING. CONTAINS DELCO PM MOTOR
#5069370, 10,000 RPM ATTACHED TO
A GEAR ASSY. THAT HAS TWO SHAFTS
80 RPM AND IS GEARED TO TWO
SHAFTS WITH 3" & 1" GEARS THAT
THAT TURN AT 40 & 80 RPM. ASSY
SIZE 4 1/2x6x3; SHAFT SIZES 1/2 x 3/4
WT: 3 1/2 LBS. STK. #3H3100-15
PRICE: \$4.95



DELCO P.M. MOTOR 5067125, 27 1/2 VDC
10,000 RPM. 2 GOVERNOR AND TAPERED
SHAFT 1/16x3/16, MOTOR SIZE 3x1x1.
PRICE: USED \$3.95



DELCO MOTOR 27 VDC, 1/30 HP. 2.4 AMP
3600 RPM. SHAFT SIZE 1/2x1, MOTOR 5 1/2 x
2 1/2. WT: 1 1/2 LB. UNUSED \$2.95



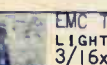
DELCO P.M. MOTOR #5069466, 27.5 VDC
IN ALUMINUM CASE GEARED TO WORM GEAR
MOTOR SIZE 1 1/2x1 1/2x2 1/2, 10,000 RPM.
CASE SIZE 2 1/2x2 1/2x2 LESS MTG. SIZE.
WORM GEAR 2000 RPM, WT: 2 LBS.
STK# 3H3100A-1 PRICE: \$2.95



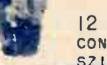
John Oster type C 24A-1B - KS-5829-
OT 27 VDC 1/100 HP 7000 RPM DC
Series Motor 2" D X 3" L. Shaft
1/2 X 1 WT. 1 lb
USED 75¢ UNUSED \$1.25



MERCURY MOTOR 24 TO 28 VOLT 60 CYCLE OPEN
FRAME TYPE, APPROX 2500 TO 3000 RPM DEPEND-
ING ON OPERATING VOLTAGE & LOAD.
SIZE: 2 1/2x2 1/2x3; WT: 1 LB. #MER-No2428 75¢



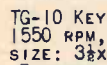
EMC TYPE 300, 45 V 60 CYC, 6 1/2 RPM
LIGHT OPEN FRAME 5x2 1/2x1 1/2; SHAFT
3/16x1; 1 LB. \$1.50



12 VOLT D.C MOTOR w/ MAKE & BREAK
CONTACT, APPROX. 5000 RPM, 1/20HP
SIZE 4 1/2x3; SHAFT 1" X 1/2" #ENOT453 PRICE: \$1.95



Delco 5069370 27 VDC Reversible PM
Motor and Gear assm. in an Aluminum
case. Output speed is 80 RPM through a
friction clutch to a double shaft 1/2 x
3/4 on one side, 1/2 x 1/2 on the other.
Size complete assm. 3 5/8 X 2 X 4 1/2 ex-
cluding shaft. Has built in noise
filter system. WT. 1 lb. 5 oz.
Price..... \$ 4.95



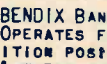
TG-10 KEYER MOTOR 115 VOLT 60 CYCLE
1550 RPM, SHAFT 1-7/8", GEARED TO 80 RPM.
SIZE: 3 1/2x3 1/2x4 1/2; WT: 3 LBS. #3H3000-3
REMOVED FROM TG-10 EQUIPMENT
\$2.95



MOTOR OPEN FRAME, 117 V. 60 CYC
500 RPM 1 DIRECTION, 1000 OTHER.
SHAFT 1/16x8; 2x3x4; #B30B 2LB \$1.



MOTOR 24 VDC, 2800 RPM, 6.5 AMP.
1/10 HP. SHAFT 1/2x1, REVERSIBLE.
5x3x3; 6 LB. EMERSON 0412 \$3.95



BENDIX BAND CHANGE MOTOR #AC56566-2
OPERATES FROM 28 VDC. THREE POSI-
TION POSITIVE STOP. WITH SWITCHES
& WAFER ASSY. SIZE: 6x3x2 WT: 1LB.
PRICE: \$2.95



WE KS-5871-L01 MOTOR 28 VDC 3.3 A
5600 R.P.M. 1/25 H.P. SERIES WIND
CONTINUOUS DUTY, REVERSIBLE,
WITH SPEED GOVERNOR. (WILL ALSO
OPERATE FROM 12 VDC AT REDUCED SPL
SHAFT 1/2x2, MTR. 6 1/2x3 1/2; 5LB; U/U \$7.95



Bendix LM10BJ 24VDC. 1/25 HP 15,000 RPM
Series Motor. Geneva Loc. Actuator. Shaft
rotates 1/2 revolution and stops and is
locked in place until next contact is
made then the cycle is repeated-time per
cycle app. 3 seconds. Size 4 X 2 1/2 X 5 1/2.
Shaft size 1/2 X 1/2. WT. 1 lb. 14 oz.
Price..... \$ 4.95



General Electric 58A25M424 - Type 8A
24 V @ 4.2A 7100 RPM 1/20 HP Flange
mount Motor size 2 1/2" X 5". Shaft size
1/2 X 1 WT. 3 1/2 lbs. Price..... \$1.95



ELECTROLUX MOTOR 28.5 VDC. 1.8 AMPS.
2200 RPM. 1/35 H.P. SHAFT SIZE 1 1/2 x 1/2
MOTOR SIZE: 4 1/2x3 1/2; WT: 5 LBS.
PRICE: \$3.95



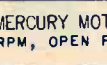
Low Speed Motor; 230 v 60 cyc.
10 R.P.M WITH GEAR BOX, SHAFT
1/2x2" MOTOR SIZE 2 1/2x2 1/2x4; 2 LBS.
\$1.95



Eighty (80) VOLT 60 CYCLE 78
RPM PHONO MOTOR ON MOUNTING
PLATE. WILL ALSO OPERATE FROM
110 V W/RES. 3x3x3; 2LB \$59



DALMOTOR MODEL SH-42; 28 vdc, 1/4HP
TWO SPEED, 9000 RPM 8 AMP. 3000 RPM
2 AMP. FL. MTG. 3/8 sq. SH. 5/16 x 1,
GEAR 7/8, MOTOR SIZE 10 1/2x3 1/2, 15 LBS.
PRICE: \$8.95



MERCURY MOTOR 8100, 115 VOLT 60 CYCLE, 1750
RPM, OPEN FRAME 3x2 1/2x2, SHAFT 1/2x1 1/2, WT: 1 LB.
PRICE: \$1.00



GEARHEAD \$2.95 : GEARHEAD MOTOR :
MOTOR 115 V. : 115 VOLT 60 CY :
60 CYC. 54 : 3.44 RPM :
RPM, OPEN : OPEN FRAME :
FRAME F/MED : TYPE. F/LIGHT :
USE, SHAFT : USE. SHAFT 4" :
5/16 x 1/2 : x5/16, MOTOR :
4x3x2 1/2 MO. : 6x2x3. 1 1/2 LB. \$1.95 :
#9M203 UNUSED : #ZA-1056 UNUSED \$1.95

ART-13 MOTOR 28
VOLT D.C 3900
RPM, 1/20 H.P.
REVERSIBLE, BALL
BEARING. WILL
OPERATE 12 VOLT
SIZE 3x3x3 1/2; 2LB. #B-101/803/
800. USED \$1.75 UNUSED \$2.75



OSTER 10 CFM Blower
John Oster motor C2EP-1A
27.5 VDC 1/100 HP 6000
RPM with blower 10CPM.
Size 3 1/2 x 3 1/2 x 4 1/2 Wt 1 1/2



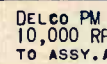
400 CYCLE BLOWER
Eastern Air Devices
10 CFM Blower 11.5 Volt
400 cycle, 1/100 HP
motor. Size 3 1/2x3 1/2x4 1/2
Wt. 1 lbs.
PRICE: \$2.95



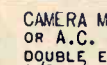
PINCOR BLOWER
Cast Aluminum hous-
ing shunt type motor
24 VDC 5000 RPM, 10
CFM blower. Motor
noise filtered. WT 1lb
10 oz. Size 3 1/2x4 1/2x4 1/2.
PRICE: \$2.95



OPEN TYPE BLOWER
Delco motor 5069267 27 VDC
6000 RPM, reversible shunt
type, flange mount. WT 1 lb
size 1-3/4x2-5/8x2 1/2.
Motor-Blower \$1.95 Motor only \$1.50



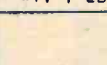
DELCO PM MOTOR 12 VDC
10,000 RPM, GEARED
TO ASSY. APPROX 250
TO PLASTIC WHEEL &
POT. 4x3 1/2x2; 1 LB.
#5092543/2 \$4.95



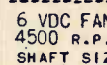
CAMERA MOTOR 12 V.D.C.
OR A.C. 5000 R.P.M.
DOUBLE END SHAFT
1/8x1/4, MOTOR 2 1/2
x2 1/2. WT: 8 oz.
#CM-120 \$1.95



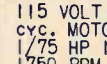
B-701/R-107 MOTOR
FROM AS-313/ARN-6
LOOP ANTENNA.
OPERATES FROM 26
VOLT 400 CYCLE,
WILL OPERATE FROM
12 VOLT 60 CYCLE.
GEAR TRAIN ASSY APPROX.
RPM. SIZE 3x2 1/2x3; w/3/8" GEAR.
WT: 1 LB. PRICE: \$3.95



12/24 VOLT DC
DUAL BLOWER
APPROX. 50CFM
1500 RPM @ 12
100 CFM 3000
RPM @ 24 VOLT
SIZE: 10x5x5; WT: 5 LB. U \$2.95



6 VDC FAN MOTOR
4500 R.P.M.
SHAFT SIZE
1/2 X 1/2, MOTOR
SIZE 2 1/2x2 1/2;
WT: 1 LB.
#FR-6-7B
UNUSED \$1.00




115 VOLT 60
CYC. MOTOR
1/75 HP 1PH
1750 RPM
w/3 1/2x1"
WHEEL,
SHAFT 5/16
MOTOP SIZE 5 1/2x4 1/2x4 1/2, BASE 5LB
SM-30-FR UNUSED \$2.95




6 VDC PM MOTOR
USED IN TOY APPL.
DRAWS APPR
OX. 100 MA. NO
LOAD. 1 1/2x1 1/2, SHAFT
1/2x1/16, 4 oz.
2000 RPM, #P-10-6
39¢ 3 FOR \$1.00




Power Transformer Filament Modulation Microphone Chokes




PRI: 115/230 60 cyc
SEC: 800 CT. 120 MA
6.4 4.5 AMP
5 2
6.3 .6
6.4 450 MA
Size 5x5x6 WT. 13 lbs.
Stock # 229621-380
PRICE: \$2.95



PRI: 110v 60cyc-2
PRI: 220v 60cyc-3
SEC: 6.3v .9A 4-5
6.3v .3A 6-7
24v .9A 8-9
500vct 35MA
TERMINALS 10-12
CT TER. 11 WT. 4L
3x3x3 #RM-13-317
A TO D. \$1.95




PRI: 90 v 60cyc
SEC: 6400 V. @
APPROX. 50 MA.
5x6x6; WT: 15 LBS
#0-128-3553
\$14.95



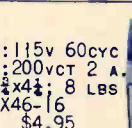
PRI: 115v. 50-60c
SEC: 580vct 70 MA
6.3 " 1.5 A.
5.0 v 2.0 "
TEST VOLTS 1750
3x3x3; 6 LBS.
#5950-648-6862
\$3.95




MODULATION TRANSFORMER
Watts 20 Response
Response 200-5000-LDB
Pri. 2 6000 SEC. 2 6000
Collins #677-2010-00
Size 2x2x3 1/2 WT. 3 1/2 lbs
Stock# 229634.53
Price \$2.95




PRI: 115v 60 cyc
SEC: 1200vct 200MA
12.5 2 AMP.
12.5 2 AMP.
5.0 3 AMP.
4x4x4 1/2; 12 LBS.
FAIR-617 \$12.50
BUILT FOR COMMAND
TRANSMITTERS ETC.




PRI: 115v 60cyc
SEC: 200vct 2 A.
4x3x4 1/2; 8 LBS
#1FX46-16
\$4.95




PRI: 115 v 60 cyc.
SEC: 1080 CT. 142 MA.
6.3 1 AMP.
6.3 2 AMP.
5 3 AMP.
Size 5x5x5 WT. 14 lbs
Stock # 229613.52
PRICE: \$3.95



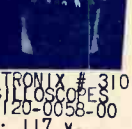
PRI: 115/230 60c
SEC: 800 CT ALSO
TAPPED 310, 374
426, 536, 670 MA.
6.3 1.02A.
6.3 1.5 A.
6.3 0.60A.
3x3x3 3/4; 5 LBS.
#5950-679-2094
\$1.95



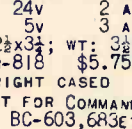
AUTO VIBRATOR
TRANSFORMER
VIBRATOR 12/115CY
SEC: 248CT 90 MA
1 2.4 AM
115 CYCLE
SIZE: 2x3x3 WT4
STK# 229625-75
PRICE: \$1.50



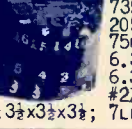
SEC: 650vct 50MA
6.3 " 5 A
10.2 " 13 A
25NCT 4 A
RCA#K901467-502
SIZE: 6x6x6; WT: 25
PRICE: \$5.95




TEKTRONIX # 310
OSCILLOSCOPE
P/N 120-0058-00
PRI: 117 v.
50 to 800cyc
SEC: 205v 120 MA.
135v 150 " 1
205v 75 " 1
6.3v 3 AMP
6.3v 4 " 1
6.3v 6.2 " 1
6.3v 0.6 " 1
6.3v 0.6 " 1
4x3x3 3/4; 8 LBS.
5950-688-6598
\$9.95



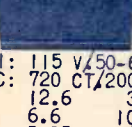
PRI: 115v 60 cyc.
SEC: 440vct 138 MA.
24v 2 A.
5v 3 A.
2x2x3 3/4; WT: 3 1/2 LB
FAIR-818 \$5.75
UPRIGHT CASED
BUILT FOR COMMAND
REC, BC-603, 683ET4



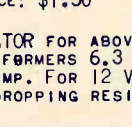
TS-239 SCOPE
TRANSFORMER
115v 50-2600c
735v 7MA, 610V
205MA, 300V @
75MA, 5V @ 2AMP
6.3V @ 6 AMP.
6.3V @ 6 " 1
#229619.168
SIZE: 3x3x3 3/4; 7LBS. \$9.95



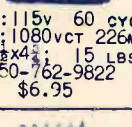
PRI: 117 v 60cyc
SEC: 1840vct 200MA
1350 WORK V
4x6x4; 18 LBS.
#5950-841-2633
\$7.95




PRI: 115 v 50-60c
SEC: 720 CT/200MA
12.6 3 A
6.6 10 A
5.25 3 A
S/5x4x5 1/2 WT.
STK. # 203533
PRICE: \$4.95



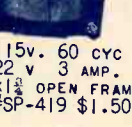
VIBRATOR 12/115CY
SEC: 300 CT 100MA.
27 CT 2MA.
SIZE: 3x3x3 3/4 WT: 4LB
STK# 229625-73
PRICE: \$1.50



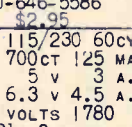
PRI: 115v 60 cyc
SEC: 1080vct 226MA
6x5x4 1/2; 15 LBS.
#5950-762-9822
\$6.95



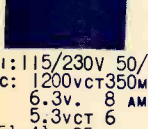
MODULATION
TRANSFORMER
WATTS: 75
PRI: 200-250 OHM
SEC: GRID 813 TUBE
WITH SIDETONE
SIZE: 2x3x3 1/2 WT 2 1/2
STK# GE 7465620-1
PRICE: \$2.95



PRI: 115 v 60 cyc.
SEC: 28 v 3 AMP.
3x2x1 1/2 OPEN FRAME
2 LB #SP-419 \$1.50



PRI: 115 50/60cyc
SEC: 700 CT AND
TAPPED 600 150MA
6.3CT 6 AMP.
5.0 3 " 1
2.5CT 5 " 1
4x5x3 3/4; 14 LB.
#5950-581-9968
\$4.95



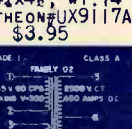
PRI: 115/230V 50/6C
SEC: 1200vct 350MA
6.3v 8 AMP
5.3vct 6
6x5x4 1/2; 25 LBS.
#T-201/PP-115
\$8.95




POTENTIAL TRANS.
PRI: 1/2/4/10/20/
40/100/200/40
0/1000/2000 V.
SEC: 40 v 100 MA.
6x7x4 1/2; WT: 20 LB
ESPEY#T-4 16,271
\$5.95



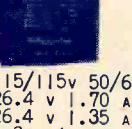
PRI: 95/105/115/125
190/210/230/250
SEC: 2/4/6/8 @ 225
MA. 90/100/110/
@ 225 MA. ALSO
SEC. #2 115 V.
@ 500 MA.
4x5x4 1/2; WT: 13 LBS.
#KLEINSCHMIDT 5399
\$7.95



PRI: 115 V. 60 CYC
SEC: 840 CT 110 MA
530 CT 21 " 1
5 v. 3 AMP
5 v. 3 " 1
6.3 v. 1 " 1
6.3 v. 0.3 " 1
5x4x4 1/2; WT: 14 LB
RAYTHEON #UX9117A
\$3.95



MODULATION TRANSFORMER
100 Watt
RESPONSE 200 to 5000
PRI: 7000 SEC: 7000
F/BC-191/375 TRANS.
Size 3x4x5 WT. 5 1/2 lbs.
took # 2c6191/T1
Price \$3.95



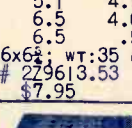
PRI: 115/115v 50/60
SEC: 26.4 v 1.70 A.
26.4 v 1.35 A.
3x3x3 3/4; 4 LBS.
5950-645-3854
\$3.95



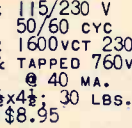
PRI: 120 v 50-60cyc
124 VA
SEC: 225v 40MA
850 v CT 250MA
6x4x5 WT. 16 LBS
BENDIX #N217388-1
PRICE: \$5.95



PRI: 115v. 60 cyc
SEC: 740vct 375 MA
6x6x4 1/2; WT: 20 LB
GE #K34J250 \$6.95



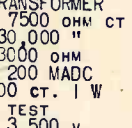
PRI: 115 v. 60 CY
SEC: 1540 CT. 166A
1230 CT. 257A
BOTH VOLTAGES ONE
WINDING
5.1 4.5A
6.5 4.0A
6.5 .5A
7x6x6 1/2; WT: 35 LBS
STK# 229613.53
\$7.95



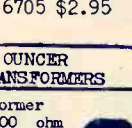
PRI: 115/230 V
50/60 cyc
SEC: 1600vct 230
MA & TAPPED 760V
@ 40 MA.
6x6x4 1/2; 30 LBS.
\$8.95



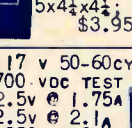
PRI: 115/115v 60cy
SEC: 2500 VCT @
.450 AMPS. D.C
7x7x6 1/2; 45 LBS.
MOTOROLA 22501013
\$18.95



100 WATT
MODULATION
TRANSFORMER
PRI: 7500 OHM CT
30,000 " 1
SEC: 3000 OHM
35W 200 MADC
600 CT. 1 W
RMS TEST
1, 2, 3 500 v.
OTHERS 2500 v.
200-3500 CPS.
4x4x4 1/2; 11LBS
#5950-646-3092
PRICE: \$4.95




CUNCER
TRANSFORMERS
Transformer
Pri: 100 ohm
Sec: 4000 " 1
PC/BC-709 Amp.
3/4x3/4x1 1/2
ST# 229931
Price \$5.9




IGNITION TRANSFOR.
115v. 60 cyc. SEC.
5000v @ 20 MA.
5x4x4 1/2; 12LBS.
\$3.95


TRANSFORMERS



PRI: 115v.50/60 CY
SEC: 36v 1.5 AMP
24v 2.0 "
24v 2.0 "
4.5v 2.5 "
4 1/2 x 4 1/2 x 4 1/2 LBS.
#5950-655-0874
\$6.95



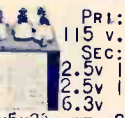
**1-177
TUBE CHECKER
TRANSFORMER**
SIZE: 4 1/2 x 4 1/2 x 4 1/2 LBS
STK # 229613.667
PRICE: \$4.95




PRI: 117 V. 60CY
SEC: 12.7/14.5
77 WATTS 6 AMPS.
5x5x5; 12 LBS
#5950-199-2297
\$4.95



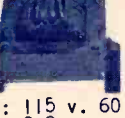
PRI: 144 V 50/60CY
PH. 3.4/2.32 KVA
SEC: 23 V FULL LOAD
RMS-2500 V. MAGNATRM
SIZE: 13x15x11; 200LBS
FSN5950-189-4659
PRICE: \$30.00



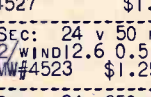
PRI: 115 v. 60c
SEC: 2.5v 1.75A
2.5v 1.75A
6.3v .6 A
3 1/2 x 5 x 3 1/2; WT: 8 LBS
229611.127 \$1.95




ALL PRIMARIES
115 VOLT 60 CYCLE
SIZE: 2x1x1 1/2; 4oz
PRI: 220/400v 60cyc
SEC: 110v 50MA.
#4527 \$1.50



PRI: 115 v. 60 CY
SEC: 2.2 v.
ALSO TAPPED WIND.
0-60v 10 TAPS 4
VOLTS EA. 1 TAP
20V. HV AMPS 4. LOW
EST VOLTAGE 20 A.
6x4x5; WT: 25 LBS
#6120-473-6811
\$7.95




SEC: 24 v 50 MA
2/WIND 12.6 0.5 A
MW#4523 \$1.25
SEC: 24 v 250 MA
MW#4528 \$1.00
SEC: 125 VOLT 35 MA
12.6 " 330 "
MW#4534 \$1.50
SEC: 25v 30 MA
2/WIND 12.6 v 1 A.
MW#4530 CASED \$2.

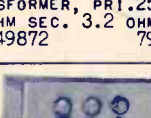


TF45X02YY
THREE PHASE
PRI 171v 50-450CY
SEC 28v @ 40A
6 1/2 x 7 1/2 x 9 1/2 WT. 45LBS
PRICE: \$14.95

OUTPUT
OUTPUT
TRANSFORMER
30 WATT
\$3.95
PRI: 8000 OHM
SEC: 4/8/15 OHM
3x3x3 1/2; WT: 2LB
#TG-10/27291
2 WATT OUTPUT TRANSFORMER, PRI. 2500 OHM SEC. 3.2 OHM #49872 79¢



MICROPHONE TRANS
PRI: 40 OHMS
SEC: 75000 "
SIZE: 1 1/2 x 1 1/2 x 2
WT: 2 oz.
2Z9986-2/RM-12
PRICE: 75¢



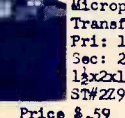
AUDIO OUTPUT TRANS
PRI: 450 OHMS
SEC: 300/4000 OHMS
IMPEDANCE
PO/BC-348
STK # 2C4348M/T
2x2 1/2 x 4 WT. 2 1/2 LBS.
PRICE: \$1.00



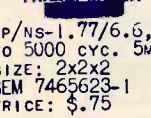
MICROPHONE
PRI: 14.5-21 OHM
SEC: 4475-6500 OHMS
CARBON MIC.
2 1/2 x 3 1/2 x 2 1/2
#P7762352G1
\$1.00



OUTPUT
TRANSFORMER
NP/NS-1.77/6.6, 50
TO 5000 CYC. 5MA.
SIZE: 2x2x2
GEM 7465623-1
PRICE: \$.75



Microphone
Transformer
PRI: 1 ohm
SEC: 2000
1 1/2 x 2 1/2
ST# 2Z9666A
Price \$.59



OUTPUT
TRANSFORMER
NP/NS-1.77/6.6, 50
TO 5000 CYC. 5MA.
SIZE: 2x2x2
GEM 7465623-1
PRICE: \$.75

LOW VOLTAGE TRANSFORMERS

ALL PRIMARIES 105/110/115
120/125 VOLTS 60 CYCLE.

SEC: 6.6 v 18 AMP.
3 1/2 x 5 1/2 x 4; 13 LBS.
GE#9T35Y159 \$3.95

SEC: 6.6 v 10 AMP.
4x3 1/2 x 4; 9 LBS.
GE#9T35Y158 \$2.95

SEC: 6.6 v 10 AMP & 6.6VCT
1 AMP. 5x4x3 1/2; 10 LBS.
GE#9T35Y181 \$3.25

ALL PRIMARIES 115 v 60CYC

SEC: 6.3vct 3A & 5v 6 AMP.
3 1/2 x 4 1/2 x 4 1/2; 4 LB;
#229611.106 \$4.95

SEC: 6.4v .5 AMP. #229613-
245; 2 1/2 x 2 1/2 x 3 1/2; 2LB. \$1.25

SEC: 6.3v 1.2 A. 2 1/2 x 3 1/2 x 2 1/2 "
1LB. 5950-827-931B \$1.50

SEC: 6.3v 1 A. 2 1/2 x 3 1/2 x 2 1/2 "
ESC-363-D T49081 \$1.25

PRI: 230v 60 CYC
SEC: 6.3v 30A OF 5.67v 30A
4 1/2 x 5 1/2 x 3 1/2; 13LB#6510 \$4.95

FILAMENT TRANSFORMER
PRI: 70/100/140/200
60 cyc
SEC: 12.6 CT .7 A
6.3 CT .9 A
6.3 CT 1.5 A
6.3 CT 1.5 A
2.5 KV TEST
SIZE: 5 1/2 x 3 x 4 WT 5
STK# GE-7465625-PI
PRICE: \$2.95

SEC: 6.3 v 3 1/2 AMP.
6.3 v 2.5 "
6.3 v 0.45 "
6.3 v 0.30 "
5.0 v 2.0 "
5.0 v 2.0 "
3 1/2 x 4 1/2 x 3; 4 LBS.
#TF1A01JA \$3.95

PRI: 115 V. 60 CYC
SEC: 5 v. 2 AMP
5 v. 2 "
4 1/2 x 5 1/2 x 2 1/2; WT: 8 LB
#229611.389 \$1.95

MICROPHONE TRANSFORMER
PRI: IMPEDANCE 50 OHM 30MA
SEC: IMPEDANCE 500 OHM
FREQ. RESPONSE 400-1900cps
SIZE: 1 1/2 x 1 1/2 x 1 1/2; WT: 8 oz.
\$1.00 T-204/PP-115


LINE TRANSFORMER INPUT
PRI: IMPEDANCE 500 OHM CT
SEC: " 500 "
FREQ. RESPONSE 600-12000cp
SIZE: 2 1/2 x 2 1/2 x 2; WT: 1 LB.
T-203/PP-115 \$1.50

HIGH AUDIO

**ALTEC LANSING 70W
OUTPUT TRANSFORMER**
PRI: 3300 OHM CT
SEC: 250 & 500 OHM
SIZE: 4 1/2 x 5 x 4 1/2
WT. 13 LBS.
STK # TMJ-217A
PRICE: \$2.95

PRI: 7000 OHM CT
SEC: 265 " "
80 " "
ONE WINDING
POWER: 62.5 WATTS
RESPONSE: 1 DB
20-20,000 CPS
SIZE: 4 1/2 x 6 x 4; 20 LB
TF1A13MA \$4.95

HIGH VOLTAGE TRANSFORMERS



PRI: 115 VOLT 50/60 CYCLE
3.75 KVA
SEC: 7500/3750 V 5.3 KVA
MAX. DC OPER. 4.25 KVA
RMS 17 KV.
SIZE: 17x10x12; WT: 250LBS
FSN 5950-189-6498
PRICE: \$75.00

PRI: 105-125v
50-60cyc
SEC: 1100v CT @
250 MA
SIZE: 5 1/2 x 5 1/2 x 4 1/2
WT. 16 LBS.
UTC 52336 \$6.95

PRI: 105/110/115
120/125V 54-66cyc
SEC: 365V TAPPED
335 V @ 500 MA.
4 1/2 x 5 1/2 x 3 1/2; 9 LB.
#ADCA8691 \$2.95

PRI: 105-110-115-
120-125
SEC: 365 v 775 MA
TAP. 340 v 525 MA
850CT 30 MA
5 v 2 A
6x7x5 1/2 30 LBS.
GE7415214 \$4.95

PRI: 105-110-115
SEC: 560CT 75 MA
365 v 150 MA
TAP335 V
3 1/2 x 5 x 3 1/2 8 LBS.
TF1A02JA \$1.95

PRI: 117 v 60 CYC
SEC: 450 v 140 MA
12.6 20 AM
5.0 2 "
4 1/2 x 6 x 4; 15 LB
EDO 10498 \$6.95

PRI: 117V 60-400CYC
SEC: 750 VCT 55 MA
5.0
6.3 v @ 5 AMPS
3 1/2 x 3 x 4 WT 5 LBS.
#271-P-1 \$2.95


CIRCUIT PROTECTED
PRI: 110/220/440
50/60 CYCLE
SEC: 24 V 6 AMP.
6 V 1 "
CIRCUIT RESET
BREAKER 10 AMP.
FOR 4 1/2" SQ. BOX
WTG. ALSO 2 1/2" TER
MINAL BOX W/KNOCK
OUTS.
SIZE: 7x4 1/2 x 10LBS
FOSTER#D11586
PRICE: \$6.95




VOLTAGE REGULATED
PRI: 90-130 VOLT
50/60 CYCLE
SEC: 29 VOLT 6 AMI
SIZE: 8x5 1/2 x 4 1/2; 29LB
PHOENIX#PX-2017B
PRICE: \$5.95

PRI: 120V 50/60CY
SEC: 25V 3 VA
(120 MA.)
SIZE: 2x1 1/2 x 1 1/2 MOUN
TED ON 4 1/2" ELECT.
BOX PLATE THAT
CAN BE RE-MOVED.
WT: 1LB. #AT75A1036
\$1.00

AUTO-ISOLATION STEP-UP/STEP DOWN



PRI: 95/105/115/
125/190/210/230/
250V. 50/60 CYCLE
600 WATT.
SEC: 3 TAPS, VOLTAGE
DEPENDS ON PRIMARY
TAPS USED.
5x7x5; 18 LBS.
2Z9605.3 \$8.95



CONSTANT VOLTAGE
PRI: 95 TO 130 V.
60 CYCLE
SEC: 6.5 v 12 AMP
9 1/2 x 4 x 4; 16 LBS.
SOLA #302473
#5950-578-8875
\$9.95

PRI: 115 V. 60 CYCLE
SEC: 4 V. 75 AMPS.
TRANSFORMER FOR SOLD
ERING PLIERS. USED
CONDITION, NO CONNEC-
TORS FOR PLIERS.
4x4x4 1/2; WT: 15 LBS.
IDEAL#2B \$7.50

PRI: 115v 60 cyc
SEC: 2/6.3v 1.2A
SIZE: 3 1/2 x 2 1/2 x 5
WT. 4 1/2 LBS.
#7629809

PRI: 115v 60cyc
SEC: 40-0-40v .18A
3x3 1/2 x 5 WT. 5LBS
#7629808 \$1.50

PRI: 115v 60 cyc
SEC: 5.7v 21.8A
3 1/2 x 4 1/2 x 5 WT. 9LB
GE-7469149
PRICE: \$6.95

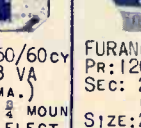
PRI: 115 v. 60CYC
SEC: 58 v. 2 AMP.
15 v. 5 "
4x4x3 1/2; 6 LBS.
82-30-8421 \$4.95

SAME INPUT, SIZE, WEIGHT
AS ABOVE, SECONDARY 54 v.
2 A. TAPPED 2v. 13v 5 A.
#82-92-1103 \$4.95

PRI: 200/220/240V
50-60 CYC
SEC: 10v CT @ 10A
4x4 1/2 x 5 1/2 WT. 11LBS
THERMADOR CS-8705
PRICE: \$3.95



FURANCE CONTROL
PRI: 120 V 50/60 CYC
SEC: 25 V 20 VA.
(8 AMP.)
SIZE: 2 1/2 x 2 1/2 x 2; 3 LB.
4 1/2" ELECTRIC BOX
MTG. WHICH CAN BE
REMOVED. #AT30A-
1023-1 \$1.25



PRI: 115v 50-133cy
SEC: 20 VOLT LOAD
OR 12.5V @ 2 AMPS
MOUNTED ON 4" RD.
ELECT. BOX COVER
3x3x2 1/2; 2 LBS.
#FR-24960 \$1.25

PRI: 115 V 60 c
SEC: 6.3 V 3.6 A
15 V.004 A
15 V.004 A
SIZE: 3x3x3 1/2; 4 LBS
STK#ORD7629806
PRICE: \$1.50

PRI: 115 V 60 CYC
SEC: 6.3 V 2.75 A.
6.3 V 5.5 A.
SIZE: 3 1/2 x 4 1/2 x 5 LBS
STK#ORD7629805
PRICE: \$2.50

PRI: 115 V 60 CYC
SEC: 6.3 V 4 AMP
SIZE: 4x3x3 1/2 5 LBS.
STK#ORD7629823
PRICE: \$1.50

PRI: 120v 50-60cyc.
SEC: 5v CT @ 10.8A
SIZE: 5 1/2 x 3 1/2 x 3 1/2
WT. 8 LBS.
#L 217247-1
PRICE: \$3.95

PRIMARY VOLTS
81, 163 & 230
50/60 CYCLE
SECONDARY VOLTS
12 CT. 3 1/2 AMPS
12 CT. 3 1/2 "
13 CT. 10 "
@ 115v 2/16v-3A 1/17v
10A. SIZE 4x7x7 18LBS.
GE#7466333 \$5.95

PRI: 110v 60 cyc
SEC: 6.3v 2A
12.6v 1.5A
SIZE: 2 1/2 x 2 1/2 x 4
WT. 4 LBS.
5950-556-1826
\$2.50

PRI: 110v 60 cyc
SEC: 6.3v 2A
12.6v 1.5A
SIZE: 2 1/2 x 2 1/2 x 4
WT. 4 LBS.
5950-556-1826
\$2.50

PRI: 115v 60 cyc
SEC: 375.5v
@.016A
7.1v @ 1.15A
2x3 1/2 x 2; 1LB
229619-62 \$2.95

PRI: 115v 60 cyc
SEC: 375.5v
@.016A
7.1v @ 1.15A
2x3 1/2 x 2; 1LB
229619-62 \$2.95

PRI: 115v 60 cyc
SEC: 375.5v
@.016A
7.1v @ 1.15A
2x3 1/2 x 2; 1LB
229619-62 \$2.95

PRI: 115v 60 cyc
SEC: 375.5v
@.016A
7.1v @ 1.15A
2x3 1/2 x 2; 1LB
229619-62 \$2.95

PRI: 115v 60 cyc
SEC: 375.5v
@.016A
7.1v @ 1.15A
2x3 1/2 x 2; 1LB
229619-62 \$2.95

ANTENNAS

Mast Bases

MP-22

MP-33

MP-37

Mast Sections

3 ft. Tubular steel, cooper coated and painted sections. These screw together to make any desired length. MS-49 being the top & smallest section increasing in size through MS-50-51-52-53 to MS-54 being the larger one. Either the MS-53 or MS-54 will fit together to form any additional height desired. Example a 33 ft. vertical may consist of one each MS-49, 50, 51, 52, and 7 each of MS-53 or it may be finished out on the bottom with 6 MS-54 sections. Self support to about 18ft. Average Wt. app. 3/4lbs. MS-49-50-51-52-53 .50ea. MS-54 .75ea

MP-22 SIDE MOUNT SWIVEL MAST BASE WILL TIF TO 90° EITHER RIGHT OR LEFT. HAS A SPRING SNAP LOCK IN THE VERTICAL POSITION, WILL TAKE EITHER THE MS-53 OR MS-54 MAST SECTIONS. SIZE MTG. PLATE 5"x6"x10 1/2" HIGH. WT. 9 LBS. PRICE.....\$4.95
MP-22A SAME AS ABOVE EXCEPT MOUNTING HOLE IS FOR THE MS-51 WITH THE MS-49, MS-50 AND MS-51. THIS WILL MAKE A 9 FT. TAPERED ANTENNA. PRICE...\$4.75

WHIP ANTENNA 7' EXTENDED, 15 IN. COLLAPSED #CCI-51C48 2 LBS \$1.00



CU-168 ANTENNA COUPLER; PROVIDES MEANS FOR OPERATING 5 RECEIVERS FROM ONE ANT. UNBALANCED LINE INPUT NOM. IMPEDANCE 70 OHMS ON OUTPUT ALSO. FREQ. RANGE 2 - 32 MC. EACH COUPLING CIRCUIT HAS 4/12AU7 TUBES. POWER REQ. 115v. 50-400cy. RACK MTG. 19x8 1/2; WITH TUBES, UG-21 COAX. CONN. & MANUAL. WT; 75LBS. UNUSED \$29.95

PARABOLIC ANTENNA

DISH PAN TYPE, FOUR (4) FOOT DIAMETER ALUMINUM PAINTED GREY, 21" FEED FOR APPROX. 7100 MC. THREE INCH ROUND MTG. FOR WAVE GUIDE SIZE 1-5/16 x 5/8, FOUR (4) MOUNTING STUDS WITH HARDWARE. PHILCO #463-2252-1. SHPG. WT. IN CRATE 225 PRICE: \$29.95 DEFROST ATTACHMENT \$5.00 EXT LESS FEED SHIPPED IN CARTON WT. 75 LBS. SLIGHTLY DENTED \$15.00 FEED \$5



REFLECTORS

MICROWAVE, PLANE TYPE CONFIGURATION, ALUMINUM, NOT PERFORATED. MOUNTED BY FRAME WORK OF REFLECTOR AND BRACKETS WITH HARDWARE, GUYS AND ADJUSTMENT FOR AZIMUTH. SIZE: 8 FOOT X 6 FOOT, NET WT. 125 LBS. SHPG. WT. 375. PRICE: \$50.00



- AS-150/ART Whip Antenna 30" long with 8ft. matching coax cable & 80-239 plug. \$1.50
- AS-97/ART Whip same as above except 72"rod. 1.95
- AS-27/ARN-5 Horizontal folded dipole as used with RC-103, BC-133, ARN-5 Equip. on airplanes. 108-110 MC. UNUSED \$5.95
- AN-148 Dipole Antenna 150 to 180 MC. 2.95
- AN-104A Stub Antenna f/SCR-522 100-156MC. 1.95

AS-27

AN-148

IN-86

APS-2 REFLECTOR

POLISHED SPUN ALUMINUM. BAND CAN BE REMOVED. DIAMETER 29" x 27" FOCAL LENGTH 5" HOLE DIAMETER 2 1/2" SHPG. WEIGHT 6 LBS. PRICE: \$5.95

STRAIN INSULATOR Size 1x3 4 for \$1.

GROUND PLANE ANTENNA

Ground plane antenna to cover 20 to 50 MC. Made from surplus insulated base & screw in type mast sections. Mounts on 1 to 2 inch pipe. Specify operating frequency range.

GROUND PLANE ANTENNA \$10.95

AN-45 TELESCOPING ANTENNA 8 FT. \$1.95

INSULATOR TERMINAL STRIP 8 feed thru insulators size 1/2 x 1, mounted on 1 x 9 terminal strip. Each strip \$.35 Four strips \$1.00

ANTENNA PHOSPHOR BRONZE #16 1 CONDUCTOR WITH 2 SNAPS & SLIDE CONNECTOR, INSULATED. AN-22 " 20 " .65

AS-125/APR ANTENNA; FOR USE W/RECEIVERS IN THE 1000-6000 MC. FREQ. RANGE, 6" MOUNTING W/HARD. JG-22 COAX. RECEPTACLE. SIZE: 6x8; 4LB. \$2.95 UG-21 COAX. CONNECTOR TO FIT ANTENNA 50¢



AT-598/APT WHIP ANTENNA 30 1/2" LG. WITH COAX. REC. F/UG-100A/U. WT: 5 LBS. \$1.50 MATCHING COAXIAL LINE RG-14 11" w/2UG-100, 1 UG-109 \$2.

AT-35 DIPOLE ANTENNA 200-250 MC. WITH UG-22 COAXIAL CONN. 2A288A-35 WT: 2LBS. \$1.50

SPREADER INSULATORS WHITE CERA 3/4"x4", 2" HOLE. CENTERS. \$.25 EACH 5 FOR \$1.00 3/4"x12", 10" HOLE CENTERS \$.45 EACH, 3 FOR \$1.25

AN-109 WHIP ANTENNA; 5 FT. TAPERED 1/4 TO 1/8 PRICES: \$1.50 EACH SIX (6) FOR \$3.00

AN-117 WHIP ANTENNA; 6 FT. TAPERED 5/8 TO 1/8 PRICES: \$1.50 EACH SIX (6) FOR \$3.00

TRANSMITTING LEAD-IN INSULATOR, 15" LG. THREADED ROD W/ CONE INSULATORS 2/x2x1 EA. END, 8" ADJUSTABLE INS. BETWEEN CONES: #4238, 2LB \$1.00

AN-745 TELESCOPING WHIP 8 FT. TAPER 5/8-1/8 PRICE: \$1.00 EACH SIX (6) FOR \$4.00

AN-130 GOOSENECK WHIP 30", SCREW BASE FITS INSULATOR LISTED BELOW. PRICE: \$1.00 EACH SIX (6) FOR \$4.00

AN-20T CHROME TELESCOPING 20" PRICE: \$.50 EACH SIX (6) FOR \$2.00

2A-124 ALUMINUM ROD 3/8" x 6 FT. NO TAPER PRICE: .75 EACH SIX (6) FOR \$3.00

MX-138A TARGET CORNER REFLECTOR FOR RAFT RESCUE. CONSISTS OF A CUBE & 6 ARMS 28" LG. 12 REFLECTING FABRIC TRIANGLE ATTACHED TO ARMS & FACE OF CUBE. ADAPTER IS PROVIDED FOR ATTACHING TO OAR SHIPPED FOLDED, WT: 2 1/2 LBS. \$4.95



ANTENNA COUPLER FOR REMOTE OPERATION. RANGE APPROX. 2 TO 24 MC. 200 WATTS. MOTORIZED VARIABLE VACUUM CAPACITOR 300 MMF. 7500 VOLTS. ALSO ROTARY INDUCTOR, SERVO MOTORS, FAN, 10 PLATE TYPE RELAYS, SWITCHES, CAPACITORS, RESISTOR TUBES 4/5727, 2/5670, 3/6201 ETC. SIZE: 24x7x8; WTL 25 LBS. #5821-658-3692 PRICE: USED \$29.95



LP-21LM LOOP ANTENNA USED FOR AIRCRAFT RADIO COMPASS 200-1500 KC. CONTAINS CK-2 MOTOR AND MC-507 AUTOSYN COMPENSATOR THAT OPERATE FROM 26 V. 400 CYC. USED IN CONJUNCTION WITH I-81 OR I-82 INDICATORS SHOWN ON PAGE 30 OF CATALOG. WILL ALSO WORK ON 60 CYC BUT NOT AS ACCURATE. SIZE: 20x16x10; WT: 15 LBS. PRICE: USED \$9.95 PL-112-108 SET \$4.00



AS-69/APT 535-700 MC. TWO CROSS DIPOLES BENT DOWNWARD TOWARDS A SCREEN REFLECTOR (REFLECTOR NOT SUPPLIED) 1/2 WAVE TRANS. 1/2 WAVE PHASING. TAKES UG-21 CONN. 6" MOUNTING. 9 1/2"x8"x8". 8LB. \$9.95

MN-20 MANUAL ROTATABLE LOOP ANTENNA, USED AS A DIRECTION FINDING ANTENNA IN THE 150 TO 1500 Kc FREQ. RANGE WITH MN-26 & RA-10 RECEIVERS OR ANY OTHER TYPE IN THIS RANGE USED \$2.95 UNUSED \$3.95

MN-52 AZIMUTH CONTROL BOX W/O-360 DEG. DIAL, LIGHT & CRANK USED WITH MC-124 FLEXIBLE SHAFT THAT IS CONNECTED TO THE LOOP AND WHEN CRANK IS TURNED LOOP TURN UNUSED \$2.95

MC-124 FLEXIBLE SHAFT FOR USE WITH LOOP AND CONTROL BOX, 5 1/2 FT. \$1.95 EACH EXTRA FT. 25¢ SPECIFY/SHIP CLOSIE

CABLE FOR ANTENNA LEADIN 5 WIRE SHIELDED WITH PLUG TO FIT LOOP OTHER END BARE WIRE 8 FT. LG. #AC58267 \$1.95

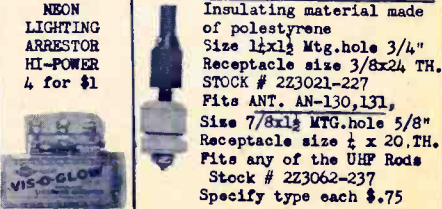
AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS THAT TUNES FROM 200 TO 1750 KC, OPERATES FROM 26 VOLT 400 CYCLE SIZE: 10x11x5; WT: 15 LBS. PRICE: (AS ILLUSTRATED) USED \$7.95

RL-42 REEL MOTOR GEAR BOX 24 VOLT D.C MOTOR 1/8 H.P. REVERSIBLE WITH MAGNETIC CLUTCH AND LIMIT SWITCHES USED IN AIRCRAFT FOR LETTING OUT AND REELING IN ANTENNA WIRE. SIZE: 12x4 1/2 x 4 1/2; WT: 10 LBS. PRICES. MOTOR & GEAR BOX ONLY USED \$7.95 MC-235 REEL BOBBIN " 1.50 MOTOR ONLY NEW 7.50

A-27 PHANTOM ANTENNA USED W/ BC-653/191 100 W. TRANSMITTERS FOR TUNING & LOADING. CONTAINS 0-150 MMF, WIDE SPACED 3/16" VARIABLE COND. & 2/12 OHM 40 W. NON-INDUCTIVE RES. IN METAL BOX W/ KNOB & 0-100 SCALE. WT: 3 LBS. 3 1/2 x 7 x 4 1/2; PRICE: USED \$1.95 RE-NEW \$2.95

AERIAL MATCHING UNIT NO. CI ZA/CAN 9268. FREQ. RANGE 2 TO 8 MC. 50 TO 100 WATT, DEPENDING ON FREQ. CONTAINS VARIABLE CAPACITOR, TWO VARIABLE INDUCTANCE TUNERS, COUNTERS FOR PA TUNE AND ANTENNA TUNE. ALSO 1 1/2" "VU" METER ETC. SIZE: 8x5x10; WT: 8 LBS. PRICE: USED \$18.95

SMALL ANTENNA INSULATORS Insulating material made of polystyrene Size 1 1/2 x 1 1/2 Mtg. hole 3/4" Receptacle size 3/8 x 24 TH. STOCK # 223021-227 Fits ANT. AN-130, 131, Size 7/8 x 1 1/2 MTG. hole 5/8" Receptacle size 1/2 x 20 TH. Fits any of the UHF Rods Stock # 223062-237 Specify type each \$.75



CABLES

NEW COAXIAL CABLE



NEW MANUFACTURE AND BRANDED WITH STANDARD TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

PRICES LISTED FOR LENGTHS INDICATED, IN-BETWEEN LENGTHS USE THE HIGHER PRICE. LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

		100 FEET	500 FEET	1000 FEET	5000 FEET
RG-8/U	52 OHM	.12	.11	.10	.10
RG-11/U	75 OHM	.14	.13	.12	.11
RG-58/U	53 1/2"	.05 1/2	.05 1/2	.05	.04 1/2
RG-59/U	73"	.07	.06 1/2	.06	.05 1/2

PRICES ARE PER FOOT

NEW COAXIAL CONNECTORS

SO-239	PL-259	M-359	PL-258 JUNCTION
\$.45 EA.	\$.45 EA.	\$.49 EA.	\$.89 EA.
10 OR MORE	10 OR MORE	10 OR MORE	10 OR MORE
\$.39 EA.	\$.39 EA.	\$.45 EA.	\$.80 EA.

TYPES MAYBE ASSORTED TO OBTAIN THE LOW PRICE

Coaxial Cable FOR LESS THAN 3c Per Foot!

RG-54 A/U CABLE



DESIGNED FOR LONG LIFE & CONSTANT ATTENUATION 58 OHMS, .250 OD. WITH POLYETHYLENE JACKET.

370 FOOT ROLL \$10.00 70 FOOT ROLL \$1.95

LESS THAN SPECIFIED LENGTHS .03 PER FOOT

COAX CABLE ASSY.

TYPE OHMS LENGTH CONNECTOR STOCK# PRICE

RG-9B/U	51	25 FT.	2/UG-21	GEPI9	\$2.25
RG-58/U	53	26FT	UG-88/2	GEPI9	1.50
RG-22/U	95	40FT	PL/284	CD-879	.75
RG-22/U	95	46 1/2 FT	PL-284	CD-878	.80
RG-22/U	95	50FT	PL-284	CD-877	1.00
RG-62/U	93	22FT	2/UG-88	CG-1410	.75
RG-62/U	93	35FT	2/UG-88	CG-1410	1.00
RG-62/U	93	130FT	2/UG-88	CG-1410	1.95

CABLES FOR SETS

CABLE #	PLUG #	LENGTH	USED WITH PRICE
3E7243-2	GK12-23 1/2	52 IN.	TCS/REC-PS \$2.75
3E7273-19	SKC16-23 1/2	29 IN.	TCS/TRS-PS 2.75
CD-515		48 IN.	BC-669 5.95
CD-501	F/BC-654 & PE-103		4.95
CD-548	2EA PLI18	9 FT.	TEST SET 4.95
CD-549	2/ PL-112	9 FT.	TEST SET 4.95
CD-526	2/ PL-153	5 FT.	274 N SERIES 4.95
CD-532	2/ PL-152	5 FT.	" 2.75
CD-509		8 FT.	BC-659/620 2.75

COAX CONNETORS USED

UG-260/U BNC	PLUG	USED	.20 EA.	6 FOR	\$1.00
UG-290/U	RECPT.	"	.20	"	1.00
UG-291/U	PANEL J	"	.25	"	1.00
UG-88 /U	PLUG	"	.28	"	1.00
SO-239	UHF	CHASS NEW	.45	"	2.00
PL-259	"	PLUG	.45	"	2.00
M-359	"	ELBOW	.49	"	2.25
UG-21	N	PLUG USED	.59	"	1.00
UG-22	"	PANEL USED	.39	"	1.00
UG-23	"	JACK	.39	"	1.00
UG-29 SPEC. BULK.	"	USED	.79	"	1.50
UG-100/U LN	PLUG	"	.59	"	1.00
UG-100 SPEC.	REC. CHAS.	"	.59	"	1.00
UG-109/U LN	ST. AD.	"	.79	"	1.50
10H/528 ENG.	CHAS. REC	NEW	.59	"	1.00
10H/702	"	90 DEG. USED	.59	"	1.00
10H/1366	"	STRAIGHT	.59	"	1.00
UG-260/U BNC	RG-71/U 5"	TO BULKHEAD AD.	N	"	.39
SAME AS ABOVE W/90 DEG. UG	"	"	N	"	.39
UG-260/U BNC	RG-71/U 9"	TO UG-291/U	N	"	.59
UG-260B/U BNC	"	3" TO UG-262/U	N	"	.59



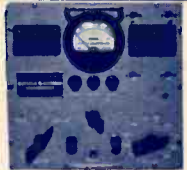
JACKSON MODEL 665-J-2 VOLT-OHM-MILLIAMMETER
RANGES: AC/DC VOLTS 0-3/15/30/150/300
DC MILLS 0-3/15/150/300/1500
OHMS X1 & X-100
LESS METER, WHICH WAS 4" SQ WITH SCALE 0-30 & 0-150.
SIZE: 8 1/2 x 9 x 4 1/2; WT: 5 LBS.
USED \$3.95

DUMMY LOAD

AN/URM-13 DUMMY LOAD FOR TRANSMITTER IN THE 100-400 MC RANGE 5 TO 20 WATTS.
DA-38/URM-13 DUMMY LOAD WITH UG-21 COAX. CONN. AND FOUR MAZADA 1476 LAMPS, FOUR EXTRA LAMPS AND 1 UG-83 ADAPTER THAT ADAPTS UG-21 TO PL-259, IN METAL BOX 2 1/2 x 4 1/2 x 2 1/2; 1 LB.
PRICE: USED \$2.95



TS-238/TS-207 ECHO BOX WITH 200 DC MICROAMPERES METER 3" AND CRYSTAL ADAPTER FOR RF ENERGY. ECHO BOX IS A RESONANT-CAVITY DEVICE DESIGNED TO SIMPLIFY THE TUNING AND CHECKING OF RADAR BY PROVIDING A ARTIFICIAL OR "PHANTOM TARGET WHICH MAY BE USED IN USED IN TUNING THE RECEIVER TO THE TRANSMITTER IF NO REAL TARGETS ARE AVAIL. PROVIDES A CLEAR, STEADY ECHO OF KNOWN CHARACTERISTICS WHEN SUCH AN ECH IS NOT OBTAINABLE FROM NEAR BY GROUND TARGETS.) REQUIRES UG-21 COAX. CONN. SIZE: 11x15x7; WT: 15 LBS. PRICE: RE-NEW \$15.00 UG-21 COAXIAL CONNECTOR FOR ABOVE UNIT. 75c



MA-1 RANGE SERVO TEST SET USED FOR TESTING AND TROUBLE SHOOTING AIR FORCE TYPE "A" SERIES RANGE SERVOS. SPECIFICALLY, THE TEST PROVIDES A MEANS OF MEASURING THE VARIOUS OPERATING VOLTAGES OF THE RANGE SERVO UNSER TEST AND LOCALIZING THE TROUBLE WITHIN A RADAR GUNSIGHT SYSTEM. CONTAINS 3 1/2" 50 MICRO-AMP METER WITH 0-60 0-150 SCALES IN RED FOR ACV & 0-50/500 VDC SCALE IN BLK. SELECTOR SWITCHES, INDICATOR LIGHTS AND FOUR GORN CONNECTORS 12M & 12F WHICH ARE MALE & FEMALE 12 CONTACT ALSO CABLE WITH MATCHING DETACH PLUGS.
SIZE: 10 1/2 x 10 x 7 1/2 IN ALUMINUM CASE. WT; 18 LBS.
PRICE: RE-NEW \$15.00

IDENTIFICATION SET

RT-82/APX-6 RADAR IDENTIFICATION SET RECEIVER-TRANSMITTER COVERING RANGE OF 950-1150 MC. IF FREQ 59.5/1.5 MC. (CAN BE CONVERTED TO 1215 MC. QST FEB. '61, SEPT. '60; 1296 MC. QST JUNE '61). WITH (30) TUBES 6/6J6, 1/6AS6, 1/3E29, 3/6AL5, 1/5Y3, 2/3B24, 3/6AL5, 2/12AU7, 7/6AK5, 1/2C42, 1/2C46, 1/1B40, 1/1N-43, 1/1N-25. DIGIT COUNTERS ON TUNERS FOR TRANS-REC-LO FREQ. CONTROLS. VOLTAGE REQUIRED 24 AND 115 400/800 CYCLE. SIZE 13x13x10; WT: 45 LBS. \$39.50
PRICES: USED \$18.95 GOV'T RE-COND.



APX-6 R.F. HEAD A-403 P/O RF-29 WITH COUNTERS AND ANTENNA INPUT. USES TUBES 2C42, 2C46 & 1B40
8x8 1/2 x 3; WT: 6 LB. \$8.95



TS-328A/U FREQUENCY METER 400 CYCLE POCKET TYPE IN CASE W/TEST LEADS, 9 REECS 380-420 CYCLE 3x6x4; 2LBS.
PRICE: USED \$7.95

T-650 AC OUTPUT METER SCALES 0-1.5/6/15/60/150 SIZE: 3x6x3; WT: 3 LBS. USED AS-16 \$2.



URC-4 TEST SET TS-684/URM-30 ANALYZER FOR URC-4 RADIO SET, ALIGNMENT AND TESTING CONTAINS 0-1 MA METER, METERING SWITCH, CRYSTAL OSCILLATOR, ANTENNA CABLES ETC. IN METAL CARRING CASE. SIZE: 6x6x4; WT: 4 LBS. NEW \$8.95



BC-221 FREQ. METER

HIS IS A SIMPLE ACCURATE AND RELIABLE CRYSTAL CALIBRATED FREQUENCY INDICATING INSTRUMENT FOR USE IN THE 125 TO 20,000 KC. RANGE, WITH A NORMAL OPERATING ACCURACY OF LESS THAN .02%. CAN ALSO BE USED AS A SIGNAL GENERATOR OR VARIABLE FREQ. OSCILLATOR.

OPERATING VOLTAGE REQUIRED FOR DRY CELL OPERATION 6 VDC .9 AMP. & 135 VDC 20 MA.
SIZE: 10x13 1/2 x 10; WT: 25 LBS.

UNITS MAY BE IN WOOD OR METAL CASES VARIOUS LETTERS, COMPLETE WITH TUBES, CRYSTAL, ORIGINAL CALIBRATION BOOK. USED SERVICEABLE \$65.00
PRICE: USED CHECKED FOR OPERATION \$79.50

BC-221 FREQUENCY METER LESS CALIBRATION BOOK NOT CHECKED FOR OPERATION, OTHERWISE COMPLETE
PRICE: \$45.00

TS-175 FREQUENCY METER 85 TO 1000 MC, SAME TYPE AS BC-221, LESS CALIBRATION BOOK AND NOT OPERATING, OTHERWISE COMPLETE. W/MODULATION
PRICE: \$50.00

TS-170/ARN-5 TEST OSCILLATOR USED FOR PRE-FLIGHT CHECKING OF GLIDE PATH RECEIVERS SENSITIVITY AND AUDIC CHANNELS. CRYSTAL CONTROLLED ON THREE PRESELECTED FREQ. 332.6, 333.8 335 MC. MODULATION FREQ. 90 & 150 CYC. METER IS 2" 0-1 DC MILLIAMETER. BATTERIES REQUIRED 2/1.5 VDC AND 2/45 VDC. WT: 29 LBS.
SIZE: 12x16x12; Used \$12.95



RECEIVER



BC-229 RECEIVER A.M. T.R.F. 201 TO 398 KC AND 2500 TO 7700 KC BY USE OF PLUG IN COILS SUPPLIED WITH THE REC WITH SIX TUBES 1/37, 1/38 & 4/39. POWER REQUIRED FOR FILAMENTS 12 VOLTS, HIGH VOLTAGE APPROX 200 TO 250 VOLTS D.C @ 80 MA.
SIZE: 16x8x7; WT: 15 LBS.
PRICE: UNUSED WITH TUBES AND COILS \$9.95 CONNECTOR PLUG (1) REQ. \$1.50 TUNING KNOB \$1 A.C. POWER SUPPLY 115 VOLT 60 CYCLE WITH SPEAKER CONNECTING CABLE & PLUG IN METAL CABINET, SWITCH & PILOT LIGHT..NEW \$19.95

I-83 DYNAMOTOR TEST SET USED FOR CHECKING 14 VOLT OR 28 VOLT DYNAMOTORS. VARIABLE INPUT & OUTPUT CONTROLS ENABLE SIMULATION OF LOAD CONDITIONS. 3" METERS FOR MEASURING INPUT & OUTPUT VOLTS V-35 VDC & 500 VDC RESPECTIVELY. INPUT CURRENT 0-10 AMPS, OUTPUT 0-250 MA. ALSO METER FOR MEASURING PERCENTAGE OF RIPPLE IN THE INPUT & OUTPUT. (THIS IS NOT A DC POWER SUPPLY ONLY A TEST UNIT) SIZE: 12 1/2 x 12 1/2 x 10 1/2. WT 23 PRICE. USED \$18.95
CONNECTOR, CABLE & TERMINAL STRIP.... \$2.75



30 MC TRF RECEIVER



R-38C/MPN- RECEIVER 30 MC T.R.F. PULSE RECEPTION RADAR "S-X" WITH AFC AND GAIN CONTROLS ALSO TEST JACKS. 117 V 60 CYCLE VOLTAGE REGULATED POWER SUPPLY. WITH TUBES 2/6SN7, 2/6V6, 1/884, 1/V11, 7/6AC7, 1/6H6, 2/5R4CY, 3/6B4G, 2/6SJ7, 2/VR-105, 1/VR-150. RACK MTG. 19"x8x20"; WT: 100 LBS.
PRICE: WITH TUBES \$25.00

FREQUENCY POWER METER



FREQUENCY POWER METER ME-51/UP FREQUENCY COUNTER 1100-3999 CALIBRATED TO FREQUENCY 3100 MC TO 3500 MC. HAS 0-1.5 MA; 0-25 MW METAL. WITH CABLES. IN METAL CARRING CASE. 18 LBS. 8 1/2 x 9 1/2 x 9 1/2
USED \$15.00

RADAR SET



RT-39/APG-5 RECEIVER-TRANSMITTER p/o APG-5 RADAR SET. FREQ. RANGE 2500 TO 2600 MC. POWER OUTPUT 0.5 KW, OPER. RANGE 200 TO 1800 YDS AGAINST AIRCRAFT 5000 YDS AGAINST SHIPS. REMOTE CONTROL, THIS UNIT SUPPLIES RF PULS TO ANT. AND FEEDS REC. ECHO TO RANGE UNIT. PULSE MODULATED CRYSTAL MIXER. POWER REQ. 115V400 CYC AND 24 VDC. TUBES REQUIRED 1/2C43, 1/2C40, 1/3E29, 9/6AK5, 1/2X2, 1/5Y3, 1/VR-105, 1/1B27 AND 1/1N21. CONNECTOR PLUG \$2.00
 SIZE: CAN 16x10; WT: 25 LBS.
 PRICE: WITH TUBES \$39.50 LESS TUBES \$20

CP-8/APG-5 RANGE COMPUTER; USED W/ RT-39/APG-5 R/T LISTED ABOVE, RECEIVES VIDEO FROM R/T AND FURNISHES V PROPORTIONAL TO RANGE TO SERVO AMPLIFIER. POWER REQ. 115 V. 400 CYCLE AND 24 VDC. WITH TUBES 2/5Y3, 2/6AC7, 2/6SJ7, 3/6SL7, 5/6SN7, 1/6Y6, 1/884, 1/VR-105 & 1/VR-150. ALSO 24 VDC BLOWER.
 SIZE: 16x10 CANNISTER COVER INCLUDED.
 WT: 25 LBS. (DEMILITARIZED BUT NO EFFECTIVE DAMAGE.) \$19.95
 PLUG CONNECTORS \$2.00 EA. 2 REQ.



AM-61/APG INDICATOR AMPLIFIER; USED WITH APG-5 AND APG-15 SYSTEM WITH ID-116 INDICATOR. POWER REQ. 115 V. 400 CYC. & 24 VDC. WITH TUBES 7/6SN7, 1/5Y3, 3/6SL7, 1/8Q16, 3/VR-105, ALSO 24 VDC BLOWER.
 SIZE: 16x10 CANNISTER COVER INCL.
 WT: 25 LBS. \$19.95
 PLUGS \$2.00 EA. 2 REQ.



ID-93/APG-13 RADAR INDICATOR; GIVES TYPE M INDICATION, TYPE INDICATION WITH A STEP ADDED OF OUTPUT OF RT-39/APG-5 REC. TRANS. (DESCRIBED ABOVE). POWER REQ. 115V400 CYC AND 24 VDC. WITH TUBES 1/38P1, 2/6H6, 6/6SN7, 1/5Y3 & 1/2X2. ALL CONTROLS ON FRONT PANEL, VERTICAL HORIZ., INTENSITY, ZERO SLOPE, MARKER AMPLIFIER REC. GAIN, YARDS RANGE, FOCUS ETC.
 SIZE: 8x10x16; WT: 25 LBS. NEW \$19.95
 CONNECTOR PLUGS, 1 TO RT-39, 1 TO C-1 SIGHT AND 1 FOR INPUT POWER, EACH PLUG \$2.00.



RADAR JAMMER



T-26/APT-2 RADAR TRANSMITTER; 500 TO 700 MC, RADIATES 5 WATT OF R.F. ENERGY WHICH IS MODULATED BY A 931 MULTIPLIER (PHOTO) FOR NOISE GENERATOR, 3 MC CARRIER BAND WIDTH. POWER REQ. 115 V. 400 TO 2600 CYC. AND 24 VDC WITH TUBES 1/2X2, 2/5R4, 2/6AC7 1/6AG7, 2/368, 1/807, 1/931.
 SIZE: 10x8x20; WT: 50 LBS. UNUSED \$19.95
 CONNECTOR PLUG \$2.00 ANTENNA PLUG \$.59



CANADIAN PERFORMANCE TEST SET TYPE QE1740. PORTABLE UNIT FOR CHECKING SARAH BEACONS RB55 ETC. CONSISTS OF A RECEIVER USING TUBES 2/CV2361 AND TRANSMITTER CV-468 FOR CHECKING AT APPROX. 244 MC. WITH VARIABLE TUNING ON EITHER SIDE. PHONE JACK FOR REC. BUT THE TRANS. IS FOR USE WITH A EXTERNAL CODING DEVICE WHICH IS NOT SUPPLIED. HAS 3" 0-200 D.C. MICROAMP. METER WITH METERING SWITCH FOR CHECKING VARIOUS CIRCUITS. POWER REQ. 90 & 420 VDC. WITH TUBES AND ANTENNAS IN CARRYING CASE.
 SIZE: 15x8x9; WT: 10 LBS. PRICE: USED \$9.95



RT-35/AM RADIOSONDE TRANSMITTER-RECEIVER 675 TO 725 MC, USED FOR WEATHER AND RADAR OBSERVATION WITH 4/1L4 & 1/2C35 TUBES. VOLTAJE REQ. 90 VDC & 1 1/2 VDC SIZE 3 1/2x4 1/2x10; WT: 5 LBS. PRICE: NEW \$3.95



COLLINS 1568-4 ANTENNA COUPLER 225-400 MC, FOUR TUNEABLE CAVITIES FOR SETTING UP TRANSMITTER ON DIFFERENT FREQ. FOUR JONES MICROMATCH CBX. ADAPTERS. METER 2 1/2" 0-200 MICROAMP. WITH SELECTOR SWITCH FOR MEASURING THE OUTPUT OF EACH CHANNEL SELECTED, METER SCALE 0-200 WATTS. POWER OUTPUT. SIZE: 25x17x22; 50 LBS. USED \$50.00

BD-62 SWITCHBOARD; HAS PROVISIONS FOR 1 TELEPHONE, 2 OUTPUT AND 8 MICROPHONE CIRCUITS WITH LEVER TYPE KEYS & DROPS AND PATCHING FACILITIES FOR ALL CIR. SIZE: 32x8x8 1/2; WT: 30 LBS. USED \$9.95

EE-101 TELEPHONE RINGING EQUIPMENT USED FOR CONVERTING 20 CYCLE RINGING TO 1000/20 CYCLE ALSO 1000 CYCLE TO 20 CYCLE FOR OPERATING TEL. DROPS ON 2 CHANNELS. OPERATES FROM 115/230 V. 50/60 CYCLE OR 12 VDC. WITH TUBES 6/6SJ7, 1/6V6GT. 19x9 RACK MTG. SHIPPED IN WOOD CHEST 100 LBS. PRICE USED \$9.95



TG-30 REPEATER, TELEGRAPH TERMINAL FOR TRANSMITTING OR RECEIVING ON A HALF DUPLEX ONE CHANNEL OPERATION. CAN BE USED TO INTERCONNECT NEUTRAL AND POLAR ENTRIAL OR TWO PATH POLAR TELEGRAPH OR TELETYPEWRITER SYSTEMS ON SIMPLIFIED OR COMPOSITED RETURN CIRCUITS. SPEED 60/66. OPERATES FROM 115/230 V. 50/60 CYC & 115 VDC SHIPPED IN WOOD CHEST 25x16x14; 175 LBS PRICE: USED \$9.95 RE-NEW \$16.95



RC-263 TRANSMITTING EQUIPMENT; 1.5 TO 10 MC CRYSTAL CONTROL OR M.O. ON ANY 4 PRESELECTED CHANNELS WITH LOCAL OR REMOTE DIALING OF "ON" OR "OFF" CHANNEL SELECTION ETC. 75 WATT C.W. 50 WATT PHONE. POWER REQ. 100 TO 260 V. 25-60 CYCLE FOR OPERATION OF THE BUILT IN POWER SUPPLY. THE BC-1100 TRANSMITTER CAN BE OPERATED REMOTELY AND COMES WITH TUBES 6/6L6, 3/807, 1/VR-150, 1/5Z3 & 2/RK-60. THE RM-40 CONSISTS OF AMPLIFIER W/LINE LEVEL METER, MICROPHONE CIR. SWITCHING AND PULSE DIAL CIRCUITS TO CONTROL THE TRANS. WHICH CAN BE DONE OVER TEL. LINES. WITH TUBES 2/6J5 & 1/80.
 TRANS. SIZE: 18x40x30; WT: 411 LBS.
 REMOTE " 10x14x13 1/2; WT: 50 LBS.
 SPARE PARTS BOX CONTAINS THE OPERATING TUBES, SPARE TUBES 16 SAME AS USED IN EQUIP. 2 HAND TYPE CHROME, CARBON MICS. 100 OHM, 7 METERS, 8 RELAYS, 1 SWITCH, 25 RESISTORS, 20 CONDENSER 110 FUSES, 2 RECT. 2 RHEO. 2 POTS, 24 LAMPS ETC. ALSO 2 MANUALS. SPARE PARTS BOX WEIGHT 72 LBS.
 PRICE: BC-1100, RM-40 & SPARE PARTS \$195.00
 WITH BC-1100 & RM-40 W/OPERATING TUBES \$150
 MANUAL BC-1100 W/OPERATING TUBES \$125.00
 RM-40 REMOTE CONTROL UNIT ONLY \$35.00

PORTABLE REPEATER

EE-89 TELEPHONE REPEATER; PORTABLE BATTERY OPERATED, 2 WAY LINE UNIT, CAN BE USED AS TERM. OR INTERMEDIATE AMPLIFIER, USES ONE 3C5GT TUBE, INCLUDES HEADSET ELEMENT FOR MONITORING AND GAIN CONTROL, BATTERY VOLTAGE REQUIRED 1.5 & 90 VDC. IN WOOD CASE W/CARRYING STRAP. SIZE: 6x9x8; WT: 12 LBS.

AMMUNITION FIRE CONTROL POWER DISTRIBUTION PANEL 171E608G1 & 519E147G1; TWO DIALS THREE GEAR CONTROL, 2 THREE DIGIT COUNTERS WITH MANUAL RESET AND HOLD 24 V OPERATION, 7 SWITCHES, TERMINAL STRIPS ETC.
 SIZE: 11x11x5; WT: 15 LBS.
 PRICE: USED \$4.95

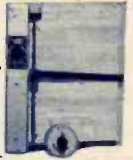
NAVY INTERPHONE AMPLIFIER USED WITH TCS EQUIPMENT. PUSH-PULL 2/12A6 TUBES, CARBON MIC. INPUT 75-200 OHM ALSO 600 OHM. OUTPUT 125 OHM. VOLTAGE REQUIRED 12 VDC & 250 VDC 60 MA. HAS MOUNTING FOR DYNAMOTOR 35x032, 12 VOLT.
 (SEE CONVERSION INFORMATION LISTED BELOW.)
 SIZE: 7x10x7; WT: 15 LBS.
 PRICE: AMPLIFIER WITH TUBES \$2.95
 " " " " & DYN. 6.95
 KIT FOR CONVERSION TO SPEAKER OUTPUT, APPROX 5 WATTS, INCLUDES OUTPUT TRANSFORMER, MIC & PHONE JACKS, SWITCH, CABLE AND PLUG FOR PLUGGING INTO LIGHTER AND INSTRUCTIONS. \$2.00



IM-120/UPM STANDING WAVE RATIO METER DESIGNED TO BE PLACED OVER 1 1/2" WAVE GUIDE TO DETERMINE THE STANDING WAVE RATIO OF THE WAVEGUIDE TO THE ANTENNA SYSTEM. USED WITH DIRECTIONAL COUPLER CU-245/U BUT CAN BE ADAPTED TO OTHER SYSTEMS. UNIT HAS 6/1N25 CRYSTAL DIODES AND 3 1/2" METER FOR INDICATION. ALSO INSTRUCTION MANUAL. THE CARRYING CASE IS ALUMINUM SEALED, WATERPROOF AND IS OPTIONAL. CASE SIZE 9x7x5 1/2; WT: 10 LBS. NEW PRICE: LESS CASE \$11.50 WITH CASE \$14.95

READING PACER TIMER

READING PACER AND READING TIMER THE READING PACER WILL TEST YOUR READING SPEED AND WILL HELP YOU INCREASE THIS SPEED WITH ITS USE. CONSISTS OF A BATTERY OPERATED INSTRUMENT WITH A VARIABLE SPEED WHICH CAN BE SET FOR 250 TO 650 WORDS PER MINUTE, WHEN THE PACER BAR IS PLACED IN POSITION IT WILL MOVE IN ACCORDANCE WITH THE SPEED SETTING. THE READING TIMER IS A SPRING WOUND MECHANICAL TYPE WITH STOP & GO CONTROL AND CAN BE SET FOR A GIVEN TIME UP TO 5 SECONDS OR CAN BE USED FOR ELAPSED TIME.
 SIZE: 10x11x1 1/2; T-2 1/2 DIA. WT: 2LB. \$4.95



AN/FR-3 DIVERSITY RECEIVING EQUIP. USES TWO IDENTICAL RECEIVERS OPERATING FROM TWO DIFFERENT ANTENNAS. THE OUTPUT IS THEN COUPLED TOGETHER TO SUPPLY A SIGNAL WITH REDUCED FADING EFFECTS. THE FREQ. COVERAGE IS 2.4 TO 23 MC. IN 5 BANDS-AND CAN BE PRESET ON ANY ONE FREQ. IN EACH BAND A DIAL SYSTEM IS EMPLOYED FOR SELECTION OF THE DIFFERENT SERVICES. THE SYSTEM COMES IN A 7 FT. CABINET WITH DOOR FRONT & BACK AND CONTAINS THE A&B REC. MULTIPLIER UNIT, OSCILLATOR, REMOTE CONTROL, POWER CONTROL FILTER AND POWER SUPPLY UNITS. TUBES REQUIRED 6/6J5, 5/6V6, 8/6SK7, 2/6SN7, 2/6SA7, 7/6AC7, 5/6H6, 3/6E5 & 2/5U4. POWER REQ. 100-130/200-260 50/60 CYCLE. SHPG. WT: APPROX 600 LBS. USED LESS TUBES \$150.00

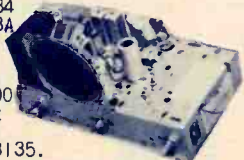
TELEMETER PROGRAM SELECTOR FOR PAY TELEVISION CHOICE OF THREE PROGRAMS WITH PROVISIONS FOR DEPOSITING THE AMOUNT OF MONEY REQ. FOR EACH PROGRAM AS INDICATED ON THE COIN REGISTER WHICH ALSO SHOWS THE CREDIT BALANCE. THE PRE-RECORDED TAPE GIVES THE PROGRAM INFORMATION. (THE EXACT FREQ. OF THE SIGNAL CARRYING THE VIDEO AND SOUND IS NOT KNOWN BUT IS THOUGHT TO BE ABOUT 35 MC. WITH A 8 MC. SIGNAL FOR TRIGGERING THE CONTROL MECHANISM. SIZE: 15x7x7; WT: 25 LBS. THE ITEMS LISTED BELOW ARE PART OF THIS UNIT AND CAN BE PURCHASED SEPARATELY. COMPLETE UNIT #1001/5 \$9.95

CABINET ONLY; HIGH IMPACT PLASTIC, 3LBS. \$2.25

REGISTER MECHANISM FROM T.V. TELEMETER PROGRAM SELECTOR, SHOWN ON PAGE 24 OF REGULAR CATALOG. CONTAINS 2 ACTUATING PLATE SELENIUMS 300 & 1200 OHM, 1 1/5 RPM 115 V. 60 CYCLE SYNCHRONOUS MOTOR, 1 115V 60 OPEN FRAME MOTOR GEARED, CONTACTS, GEARS, LIGHTS ETC. #TELE-REG.1001 SIZE: 7x5x6; WT: 5 LBS. A GOOD BUY FOR \$4.95

TAPE MAGAZINE 1 1/2" CONTINUOUS REEL APPROX. 65 FT. WITH RECORDING HEAD TENSION ROLLERS. UNIT WAS USED WITH THE REGISTER MECHANISM WHICH TURNED AT 20 RPM. CAN ALSO BE USED AT OTHER SPEEDS IF PROPERLY COUPLED. PART OF THE COIN COLLECTOR FOR THE TV TELEMETER UNIT. #TAPE MAG.1001 SIZE: 4x6 1/2x3; 2 LBS. PRICE: \$2.95

TELEMETER TV CHASSIS #334 WITH TUBES 1/6BE6, 3/6U8A, 1/12BH7 & 1/6BA8A, 4" SPEAKER, PLATE RELAYS 1 3000 OHM COIL SPOT & SPST NORM. CLOSED, 1 3000 OHM 2PST NORM. OPEN. THE R.F. SECTION IS APPROX. 8 MC. WITH CRYSTAL OF 8135. THE 115 VOLT 60 CYC. POWER SUPPLY IS 150 VDC 100 MA. AND 6.3 3A. CHASSIS SIZE 10 1/2 L. x 6 DEEP x 6 HIGH WITH SPEAKER. WT: 10 LBS. # TELE-CHASS. 1001 \$5.95



Control Boxes

Filters

Indicators

Tuning Units

Amplifiers

VACUUM CAPACITOR



VACUUM CAPACITOR 3 MMFD 15 KVDC, PLUS OR MINUS 10% W/ CONNECTORS. SIZE 5/8x4; 8oz. JENNINGS TYPE Y-3 \$1.50

WESTERN ELECTRIC No. 8047 50 MMF, 5 KV, 5 AMP. SIZE: 1 1/2x1 1/2; 4 oz. u/WBC442 \$2.50



CONTROL PANEL CERAMIC ROTARY SWITCHES

LOCAL/REMOTE 3 CIR. 10 POS. CHANNEL, 50 OHM POT DIMMER. SIZE 6x2 1/2x1 1/2; 1LB. \$1.25 RDZ-H-307



TELECORD REMOTE CONTROL 3 NEON IND. 2 SPST PUSH SW W/251 7 COND. CORD. 3x2x5 1/2; 5 LB. NEW \$4.95

C-87/ART-13 CONTROL BOX, WITH 11 CHANNEL SWITCH, OFF, VOICE, C.W-MW, IND. LIGHT, MIC JACK & CODE KEY. \$2.95

C-626/ARC-27 CONTROL BOX. AUTOMATIC CHANNEL SELECTOR PRESET MECH. W/ 24 V. DC MOTOR, RELAYS, GEARS ETC. SIZE 6 1/2x6x5; WT: 13 LBS. PRICE USED \$4.95



BC-1303 CONTROL UNIT USED IN IE-36 TEST SET FOR SCR-522. HAS ALL FACILITIES FOR OPERATION, OFF-A-B-C-D CHANNEL SWITCH, MIC, PHONE & ANT. JACKS, TRANS, REC & REMOTE SW. & PL-170 RECEPTACLE. \$3.95



VERNIER DIAL 6" 0-100 SCALE ADJUSTABLE STOPS 5 POS. USED IN TAJ TRANS. 4 LB. \$2.75



BC-1366 BC-335 C-4/ARN-7 RADIO COMPASS CONTROL BOX USED W/R-5, 5A ARN-7, THREE BANDS 200-1750 2" TUNING METER & GRAIN OF WHEAT LAMPS. TAKES MC-124 CONTROL SHAFT. USED \$3.95 FT-224 MOUNTING FOR C-4 BOX WITH TERMINAL STRIP & PLUG USED \$1.50

BC-1366 CONTROL BOX CONSISTS OF 5 POSITION ROTARY SWITCH, VOLUME CONTROL & MICROPHONE & PHONE JACKS PRICE: \$1.00

BC-606 CONTROL BOX; USED WITH BC-603/604, HAS PHONE & MIC. JACK, SPST SW. VOL. CONTROL, TERM. STRIP ETC. 4x4x2; 1 LB. \$1.00

Beam Filter

NAVY TYPE 16F2150 1020 CYCLE ACCEPT OR REJECT W/PL-55 PLUG ON CORD. PRICE: NEW \$2.25

FL-8 AIRFORCE TYPE SAME AS ABOVE LESS PL-55 \$2.50

TL-150 TUNING WAND

FOR BC-659, BC-620 \$.75

SIDE BAND Loading Coil C-114 - \$1.50



PHONE PATCH TRANSFORMER C-161 - \$1.50

HORN

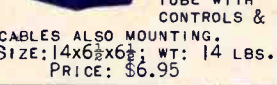
AIRCRAFT HORN SIGNAL WARNING EMERGENCY. TYPE J-1 PART# 71918 24 VOLT DC. 4"x1 1/2" 1LB. PRICE: \$1.50



LAMP WITH REFLECTOR, BRACKET & TILT MERCURY SWITCH. WITH 12 VOLT BULB. USED FOR TRUNK LIGHT WHEN LIO IS RAISED LIGHT LIGHTS. ALSO MANY OTHER USES. REFLECTOR 1 1/2x2 1/2" #6210-702-8113 59¢ 2 FOR \$1

FLASHER POSITION LIGHT, PERIODIC AIRCRAFT TYPE C-2, CONTAINS 2 FLASHER G-107 BALLAST TUBE, 24 VDC RELAY OPDT, COND, RES SIZE: 4x4x4; WT: 2 LBS. USED PRICE: \$1.00 EA. 2/\$1.50

10-30/APS-2 SCOPE INDICATOR 5FP7 CATHODE RAY TUBE WITH CONTROLS & CABLES ALSO MOUNTING. SIZE: 14x6 1/2x6 1/2; WT: 14 LBS. PRICE: \$6.95



BC-1152 SCOPE INDICATOR 3" CATHODE RAY TUBE 3HP7, 1/6H6. CONTROLS FOR CENTERING HOR. VERT. AZIM. INTENS. FOCUS & SCALE ILLUM. CABLE; WITH 3 PL-259 COAX. CONN. H.V. PLUG. & CONTROL PLUG. SIZE: 14x5x5; WT: 10 LBS. PRICE: USED \$4.95

BC-30/ARC-5 EC-451 EC-136/2 C-30/ARC-5 CONTROL BOX WITH 7 push button switches marked A, B, C, D, OFF, 1&2. Also tone, SW & voice switch & connectors. Price.... \$1.00 EC-451 CONTROL BOX with switches tone-CW-voice, on-off, 1/2/3/4 also code key, mic & phone jacks. \$1.00

BC-136-2 Control unit with mic & phone jacks, volume control & two binding post. \$3.50 each Four for \$1.00

1-101 CROSS POINT INDICATOR FOR COMBINED USE FROM LOCALIZER REC. & GLIDE PATH REC. PART OF ARN-5 & RC-103. SIZE 3 1/2x3 1/2x3 WT: 3LBS. USED \$1.95

CAMERA LIGHT FILTER GRAY COLOR 50% TRANS. SCREW IN MOUNTING. 2-23/32 69MM DIA. WRATTEN DENSITY .30 FOR WOLLENSAK TYPE V254 MM F4.5 35 MM P/O PH330G CAMERA 8A1101-50.4 \$1.95

CONNECTORS

PL-58 AND JK-37 THREE PRONG PLUG AND JACK. PLUG IS KEYS TO PREVENT INSERTING PLUG BACKWARDS. 2x3x1 1/2 EACH \$.59 PAIR 1.00

CONNECTOR PLUGS 15 CONTACT SIZE: 2 1/2x1 1/2x1 1/2 PER PAIR \$1.50 P-601

18 CONTACTS 2 1/2x2 1/2x1 1/2 P-2802 PER PAIR \$2.00

35 CONTACT CONNECTOR MALE #621905 FEMALE #407375 SIZE 2 1/2x1 NO COVER \$1.50 PR.

15 CONTACT, POLARIZED 3 LARGE CONT. SIZE 1 1/2x2 AMP #26-150 F/CHASS.#151 W/CO USED \$1.50

NICKEL CADMIUM BATTERY 1.2 VOLT RECHARGEABLE APPROX. 4 AMP HOUR SIZE: 1 1/2x2x6; WT: 6 OZ. BB-403 \$2.50

BB-208/AMT RADIO-SONDE DRY CHARGE BATTERIES, 4 IN A VACUUM PACKED CAN, ONE 6V 2 1/2HR THRU 30 OHMS, 3 36V EA. 3A HR. THRU 1200 OHM. EA. BATT. SIZE 1-5/16x29/32x4-5/32; WT. EA. BATT. 4 1/2 OZ. BATTERY PACK (4) .59

N-T-6 PLASTIC STORAGE BATTERY DRY CHARGE, 6 VOLT 4 AMP, 3 1/2x2 1/2x2; 1 1/2 LB \$3.95

WILLARD PLASTIC STORAGE BATTERY 2 VOLT 28 AMP. HOUR NON-SPILLABLE, BALL INDICATOR DRY CHARGE, ADD ELECTROLYTE SIZE 4x5x3; WT: 4LB. \$2.95

AUTOTUNE HEAD FOR ATC/ART-13 TRANSMITTERS. MULTITURN UNIT WITH DIAL 0-100, KNOB, REVOLUTION COUNTER, LOCKING DEVICE FOR PRESETTING. CONTROL "B". Col #23518 PRICE: \$1.95

FLEXIBLE COUPLING



CERAMIC INSULATED FLEXIBLE COUPLING FOR 13,500 VOLT FLASHOVER. 2 5/8"x2 3/8" FOR 1/4" TO 3/8" SHAFTS. COUN001 EA. \$.50

METAL FLEXIBLE COUPLING 2" X 1 1/2" FOR 1/4" TO 3/8" SHAF COUN002 EA. \$.40

INSULATED FLEXIBLE COUPLING 1 1/2"x2" FOR 1/4" SHAFT. COUN003 \$.25

JOHNSON CERAMIC COUPLING 2x2 F 1/4" SHAF #COUN006 59¢ 2 FOR \$1

METAL FLEXIBLE COUPLING FIT 1 1/2" TO 3/8" SHAFTS. 1" DIA. 1 1/2" LONG. COUN005 \$.25

PRESSURE TRANSDUCER TYPE M-1 TOSS BOMB COMPUTER ELECTRIC TYPE DUAL DIAPH. HIGH LOW CONN. PITOT & STATIC LINES. SIZE 6x3x4; WT: 3 LBS. STK#1280-568-6013 \$3.95

LANDING GEAR SWITCH ASSEMBLY, SINGLE POLE DOUBLE THROW, PLUNGER TYPE, PLUNGER IS DEPRESSED OPENS ONE CONTACT, CLOSES OTHER, SPRING RETURN. SIZE 3x2 1/2x1 1/2, PLUNGER 2 1/2. WT: 8 OZ. PRICE: \$1.50

DICTOGRAPH SWITCH BOX LEVER SWITCH 3 POSITION OFF-LISTEN-TALK, 2 INDICATOR LIGHTS, 6 POSITION WAFER SWITCH, 5 FT. 14 COND. CABLE, WOOD CASE WALNUT FINISH, 2x4 1/2x3 1/2 LBS. #DICT. 95083 \$3.95

REMOTE CONTROL BOX 3 SPST SWITCHES, 2 EA. MIC & PHONE JACKS ALL WATER-PROOF, 1 DUAL POT. ETC. SIZE 5 1/2x5 1/2x3 WT: 3LBS. #CMX23366A NEW 75¢

K-14 GUNSIGHT LENSES IN FRAME EACH LENSE 2" DIAMETER, APPROX 3 POWER. WT: 1 LB. \$1.00

RIGHT ANGLE DRIVE WITH SPIN KNOB AND 1 1/2" DIAL INDICATOR. 1 1/2x1 1/2x1 1/2; #9922 \$1

VERNIER DIAL 2 1/2" 100 TO 0 SCALE. TAKES 1/2" SHAFT. PRICE: \$1.50

10-14/APN-1 RADIO ALTIITUDE METER, 3" SCALE 0-6 MA MOVEMENT. CAN BE USED AS A BASIC METER MOVEMENT AND CHANGE SCALE AS DESIRED. PRICE: USED \$1.50



BC-347 AIRCRAFT INTERPHONE AMPLIFIER

Used in small planes for speaking. Has two output transformers Carbon microphone input & standard headset output. Requires 12 Or 24 volt & 250VDC. Uses 6F8G tube. Size 3x2x5 WT 3lbs. With tube \$1.95 Less tube \$1.25

CONTROL JUNCTION BOX No 3 WITH CHROME PUSHBUTTON & BUZZER THAT WILL OPERATE FROM 6-12 VDC ALSO OTHER PARTS. SIZE: 4 1/2x5 1/2x2 1/2; 2LBS. #PC-75523 79¢ 2 FOR \$1.50

PPI RADAR SYNCHRONIZER OFFSET CHASSIS ASSY WITH TUBES 2/6AT6 1/6100, 1/6096 1/6101, CERAMIC SOCKETS, 5 TEST PIN JAC PRECISION RES. CONO, TRANS, SIZE 7 1/2x5x3 4 LBS. STK. NO.1013 \$1.50

FREE FIRING BOX CONTAINS 2 RELAY 6 V. 2PST NORM. OPEN, 3 CAPACITORS 2 MFD. 600 VDC, 3MFD. 120 V. 400 cyc, 2x5 400 VDC, W/ SCHEMATIC AND SHOCK MOUNTING. CHASSIS SIZE 8x5x2 1/2 WITH COVER 8x5x6; WT: 10 LBS. \$1.95

VERNIER DIAL 6" 2 SCALES WITH LOCK. USED ON TAJ TRANSMITTER NO TUNING. 5 LBS. \$3.50

VIBRATORS

VB-16/6, 12 OR 24 VOLT FOR PE-237 \$3.95 TYPES LISTED BELOW \$1.95 EACH VB-16/6VOLT FOR PE-117 PE-97 & PE-237 SAME AS VB-7 VS-3/6VOLT FOR PE-104 SAME AS MALL-5500 G534/12 VOLT FOR PE-110 VB-8/2 VOLT FOR PE-157 VB-9/6 VOLT FOR PE-157 VB-11/24 VOLT FOR PE-12 VB-12/6 VOLT FOR PE-120 VB-13/12 VOLT FOR PE-120

TS-279 DUMMY ANTENNA LOAD Three inch pyrex feed thru insulator, 1000 ohm 100 watt resistor with two test lead & clips. Cabinet size 13 x 6 x 4". Can be used for a chassis. Stock # TS-279 Price \$1.95

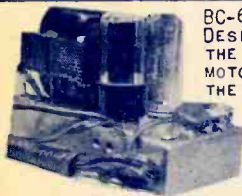
MINIMUM ORDER \$3.00

POWER SUPPLIES

RECEIVER POWER SUPPLY & SPEAKER FOR THE FOLLOWING SETS
 R-23/ARC-5 BC-453 BC-342
 R-24/ARC-5 BC-454 BC-344
 R-25/ARC-5 BC-455 BC-348
 R-26/ARC-5 BC-946 BC-429
 R-27/ARC-5 RAX

COMPLETE WITH 6" DYNAMIC SPEAKER HOUSED IN A METAL CABINET WITH CONNECTING CABLE, PLUG, PHONE JACK, VOLUME CONTROL, BFO SWITCH ETC. IF REQUIRED, CAN ALSO BE USED FOR OTHER SETS. OUTPUT 200/250 VDC @ 90/60 MA. & 24 VAC @ 2A. INPUT 115 VOLT 60 CYCLE. SPECIFY FOR WHAT SET. SIZE: 10x10x6; WT: 15 LBS. NO. P.S.(SET NUMB.) PRICE; KIT OF PARTS \$17.00 WIRED \$19.95

BC-652 RECEIVER POWER SUPPLY WITH SPEAKER SAME AS ABOVE; KIT \$20.00; WIRED \$23.95



BC-603/BC-683 RECEIVER P.S. DESIGNED TO BE PLUG IN-TO THE SAME PLACE AS THE DYNAMOTOR WITH NO CONVERSION TO THE SET THAT WILL EFFECT THE OPERATION FROM THE DYNAMOTOR. ONLY WORK REQUIRED ID ADD ON/OFF SWITCH IN PLACE OF SPARE FUSE HOLDER. TRANSFORMER TYPE USING 5Y3GT TUBE

OUTPUT 220 vdc 80 MA. & 24 vdc 2 A. WT: 5 LBS. NO. P.S.603/683 KIT \$10.00 WIRED \$14.95



BC-923 RECEIVER POWER SUPPLY OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 275 VOLTS DC, 150 MA. & 12.6 VOLTS AC. 4 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5U4G TUBE, CHASSIS, WIRING DIAGRAM, LINE CORD ETC. SIZE: 5 1/2 x 6 1/2 x 9 1/2; WT: 15 LBS. PRICE #PS-923 \$22.95

R-77/ARC-3 RECEIVER POWER SUPPLY

OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 210 VOLTS DC @ 125 MA. & 24 VOLTS AC @ 2 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5Y3GT TUBE, CHASSIS, LINE CORD ETC. #PS-R77/ARC-3 SIZE: 5 1/2 x 6 1/2 x 9 1/2; WT: 14 LBS. (LAYOUT SAME AS 923) PRICE \$22.95

POWER SUPPLY No. 7630019

OPERATES FROM 115 VOLT 60 CYCLE DUAL HIGH VOLTAGE OUTPUT 400 DC 200 MA & 400 DC 200 MA. ALSO 6.3 VAC 2.75 A. & 6.3 VAC 5.5 A WITH 2/5R4GY TUBES. SIZE: 10x7x15; WT: PRICE: \$19.95

CABLE WITH 18 CONTACT PLUG TO FIT P.S \$2.00



POWER SUPPLY No. 7630020VR VOLTAGE REGULATED, OPERATES FROM 115 VOLT 60 CYCLE. OUTPUT 200-250 DC. @ 150-250 MA. ALSO 6.3 VAC 2.75A & 6.3 VAC 5.5 TUBES 2/6AS7G, 1/VR-105, 1/6AK7 & 1/5R4G. WT: 30 LBS. SIZE: 11 1/2 x 10 1/2 x 6 \$18.95

CABLE WITH 18 CONTACT PLUG TO FIT POWER SUPPLY PLUG, 4 FOOT \$2.00

POWER SUPPLY 763003 (MODIFIED)

OUTPUT 375 VDC @ 225 MA & 6.3 VAC @ 2.75 A, 6.3 VAC @ 5.5 A. INPUT 115 VOLT 60 CYCLE. WITH 2/5R4GY TUBES. SIZE: 9 x 13 x 7; WT: 35 LBS. PRICE: \$14.95

CONNECTOR 18 CONTACT \$2.00

PP-662/GPN POWER SUPPLY, VOLTAGE REGULATED, 300 VDC 10 TO 90 MA. PLUS POTENTIAL, 210 VDC MINUS.

WITH TUBES 4/55B1, 2/6AH6, 1/12AT7, 2/6AS7, 1/5Y3 & 1/5R4. OUTPUT PIN JACKS WITH ADJUST METERING SWITCH, FUSED OUTPUT & INDICATOR LIGHTS. SIZE: 10x8x20; WT: 35 LBS. NO. COVER OR PLUG IN RELAY. POWER REQUIRED 115 VOLT 60 CYC PRICE: USED \$14.95

DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE CORD, PILOT LIGHT, LINE FUSE ETC. INDICATED RATINGS ARE FOR LOAD CONDITIONS.

DUAL OUTPUT 12/14 OR 24/28 VDC @ 6 AMPS. SIZE 7x6 1/2 x 13; WT: 17 STK#PS-12/24VDC6A

KIT OF PARTS...\$20.00 WIRED COMPLETE.... 24.95

OUTPUT 12/14 VOLTS DC @ 6 AMPS. SIZE: 5 1/2 x 9 1/2 x 5; WT: 20 LBS. STK#PS-12VDC6A

KIT OF PARTS...\$14.00 WIRED COMPLETE.... 18.95



OUTPUT 24/28 VOLTS DC @ 4 AMPS SIZE: 5 1/2 x 9 1/2 x 5; WT: 12 LBS. STK#PS-24VDC4A

COMPLETE WIRED..\$17.95 KIT OF PARTS.... 13.00

OUTPUT 12/14 VOLTS DC @ 4 AMPS. SIZE: 5 1/2 x 9 1/2 x 5; WT: STK#PS-12VDC4A

COMPLETE WIRED..\$14.95 KIT OF PARTS.... 10.00

OUTPUT 24/28 VOLTS DC @ 1 1/2 A. SIZE: 7x6x5; WT: 6 LBS. #PS-24VDC1.5A WIRED..\$10.95

KIT OF PARTS \$8.00

OUTPUT 12/14 VOLTS DC @ 2 AMP SIZE: 7x6x5 WT: 7 LBS. #PS-12VDC2A WIRED...\$9.95

KIT OF PARTS..... 7.00



MOBILE SUPPLY



AVA-126 VIBRATOR POWER SUPPLY; OUTPUT 300 VDC 100 MA. OPERATES FROM 6, 12 OR 24 VOLTS D.C WHEN THE PROPER VIBRATOR IS USED, OCTAL BASE. SUPPLIED WITH 6 VOLT VIBRATOR (USED WITH AVT-112 AIRCRAFT TRANS) ILLUST. COVER REMOVED. UNUSED SIZE: 7 1/2 x 7 1/2 x 7 1/2; WT: 12 LBS. \$4.95



RA-42 POWER SUPPLY RACK MOUNTING 19", 115/230 V 60 CYC OPERATION, OUTPUT 200-250 VDC 100 MA HOUSED IN CABINET 7x8x15 WT. 30 LBS.

USED \$12.00



VOLTAGE REGULATED POWER SUPPLY AS USED TS-67 TEST SET, OPERATES FROM 115 V. 60 CYCLE. OUTPUT 150 VDC & 20 MA & -30 VDC @ 40 MA. AND 6.3 VAC @ 5 AMP. (TRANSFORMER RATING IS 700 VOLT C.T OUTPUT) WITH TUBES 1/5Y3, 1/6X5, 2/VR-150, 2/6G6 SIZE: 12x7x7; 26 LBS. USED \$8.95 CONNECTOR PLUGS, 2 REQ. \$1.00 EA.

RA-74D POWER SUPPLY FOR RECEIVERS BC-779, 794, 1004, R-270 & R-129U.

INPUT 95/105/117/130/190/210/234/260 VAC 25-60 CYC. OUTPUT 380 VDC @ 50 MA. 250 VDC @ 100 MA 100 VDC 4.5 MA -50 VDC 11 MA & 6.3 VAC 7 AMP. WITH TUBES 1/5Y3GT & 1/5U4G.

RACK PANEL MTG. SIZE: 19x10 1/2 x 10; WT: 100 LBS PRICE: RE-NEW\$24.95



PE-110D POWER SUPPLY FOR BC 669 TRANSMITTER-RECEIVER. INPUT 115 VOLT 60 CYC OUTPUT 520 VDC @ 420 MA. 275 VDC VDC @ 64 MA. AND 13.6 VAC @ 4.6 AMP. WITH 4 TUBES 5Z3, RESET CIRCUIT BREAKERS A.C. OUTLETS AND POWER OUTPUT CIRCUIT BREAKERS. AN OPTIONAL ITEM IS THE 12 VDC POWER PACK VIBRATOR TYPE WITH A OUTPUT OF 275 VDC @ 64 MA. THAT WAS USED FOR RECEIVER STANDBY AND PLUGS IN ON THE CHASSIS.

SIZE: 20 1/2 x 9 1/2 x 12; WT: 100 LBS. UNUSED PE-110D POWER SUPPLY WITH 12V. PACK \$30.00

PE-110B POWER SUPPLY SAME AS ABOVE ONLY DOES NOT HAVE CIRCUIT BREAKERS, HAS FUSED CIRCUITS. SIZE: 14x9x12; WT: 75 LBS. USED PE-110B P.S LESS 12 V. POWER NOT AVAILABLE CD-515 CABLE FOR PE-110 \$5.95

RECTIFIER 12 VDC

RECTIFIER POWER UNIT 12 VDC 20 AMP CONTINUOUS DUTY OUTPUT, INPUT 115/440 VOLT 60 CYCLE, 3 1/2" METERE 0-15 D.C VOLTS, 0-30 DC AMPS. COARSE & FINE CONTROLS, SELINUM RECTIFIERS BRACKETS FOR WALL MTG. SIZE: 12 1/2 x 17 1/2; WT: 70 LBS. NEW NAVY#6130-542-6140; MOD. #S20-GS12VN \$45.00



SCM-603601 VOLTAGE REGULATED 24 VOLT D.C 3 AMP. POWER SUPPLY FOR RACK PANEL MOUNTING. LINE REG. 1%, LOAD 5%, THREE CAPACITORS 37,500 MFD 35 VDC, SILICON RECT. LBS. NEW \$19.95

PP-142 POWER SUPPLY 115 V

60 CYC VOLTAGE REGULATED 300 VDC 250 MA. ALSO 6.3 @ 3.75, 6.6 @ 9 A. WITH TUBES 3/6Y6G, 2/5U4G, 1/6AC7 & VR-150 ADJUSTMENT FOR B FUSE-LINES, INDICATOR AND EXT. JACKS FOR OUTPUT ON FRONT PANEL. SIZE: 9 1/2 x 16 1/2 x 12 1/2; WT: 85 LBS. USED \$22.50



TS-147 REGULATED POWER SUPPLY IN CASE WITH FRONT PANEL AND SOME PARTS. POWER SUPPLY 115 V. 60 CYC. OUTPUT 300 V. 36 MA. 6.3 @ 1 1/2 A 6.3 @ 1.7A WITH TUBES 5R4 6Y6, 6SH7 AND 2/0B2.

CASE SIZE: 18 1/2 x 12 x 11; WT: 35 LBS. PRICE: WITH TUBES AND 2 1/2" MILLIWATT METER \$15 " " " NO METER \$11.95

RA-62 POWER SUPPLY FOR SCR-522 RECEIVER-TRANSMITTER. INPUT VOLTAGE 115/230 VOLT 60 CYCLE

OUTPUT 300 VDC 230 MA. -150 VDC 8 MA & 13 VDC 3.9 AMP. WITH TUBES 2/5U4 & 1/6X5. SIZE: 16x11 1/2 x 11; WT: 75 LBS. PRICE: USED \$39.50



AC LINE PLUG ONLY \$1.50 OUTPUT PLUG \$1.50

RA-43-B RECTIFIER

TUBE TYPE OUTPUT 115V 525W DC; INPUT 95-125V, 50-60CYC AC. PROVIDES POWER FOR 1 TO 3 SWITCHBOARDS. REQUIRES 2/6F6 INCL AND TWO 6GJ, NOT INCL. WT. 165 LBS. SIZE: 22x17 1/2 x 10 PRICE: \$24.95 USED



RBM CCT-20086 RECTIFIER POWER SUPPLY. INPUT 115 V. 60 CYCLE

OUTPUT 12 V. 60 CYC 2.9 AMP. AN & 205 V.D.C. 76 MA. 5U4G RECT. SIZE: 8x9 1/2 x 13 1/2; WT: 20LBS. PRICE: USED \$12.95 P-2003 CONNECTOR PLUG....\$1.50



SCOPE POWER SUPPLY 110 VOLT 380-420 CYCLE INPUT, OUTPUT APPROX. 1800 VOLTS 1.5 MA. WITH TRANSFORMER, 2/CONDENSER .1 4000 VDC, 1/12Z TUBE, TERMINAL STRIP RESISTORS ETC. SIZE: 6x7x5; WT: 5 LBS. GE ABSY#7608055 \$2.95

PP-115/TRC-8 POWER SUPPLY

115/230 VOLT 60 CYCLE INPUT, OUTPUT 550 VDC @ 350 MA AND 6.3 VAC 6 AMPS. ALSO 115 V. BLOWER APPROX. 100 CFM, MICROPHONE TRANS. LINE TRANS. DAVEN ATTENUATOR, DUAL CIRCUIT BREAKERS, PHONE & MIC JACKS ETC. SIZE: 12x8x14; WT: 55 LBS. PRICE: RE-NEW \$19.95



CMD-20ACH-1 POWER SUPPLY;

INPUT 115/230 VOLT 60 CYCLE OUTPUT 350 VDC @ 200 MA AND REGULATED 150 VDC 30 MA. TWO WINDINGS 6.3 V & 5 VOLT. WITH TUBES 2/5R4GY, 1/6X5GT, 1/VR-105 AND 3/6SN7. SIZE: 15 1/2 x 12 1/2 x 10; WT: 40 LBS. UNUSED \$19.95



RELAY

RELAY 24 vdc SPDT
1x1x1
#CWS 571981 \$3.35

TELEPHONE TYPE

RELAY 4PST NORMALLY OFF 12 VDC GR204-BC-966A 1x1x3 3380-557180-7435 \$1.00

6PST 50 VDC 1/2 A. COIL 250 OHMS 50 VDC 39 MA. OPERAT. 4x2x1 1/2; 4C7737-62 \$1.00

1PDT & 3PST 50 VDC 2 A. OPER. 46 VDC 38 MA 1200OHM 4x2x1 1/2; 4C7737-62 \$1.00

RELAY 200 VDC 135 MA, ONE COIL 1100 OHM, OTHER 1200 OHM, CONTACTS 2PDT, 6PST-NO 1PST-NC #5945-259-4275 \$1.

RELAY 150 VDC 150 MA. 1000 OHM COIL, CONTACTS 6PDT & 4PST-NO POTTER & BRUMFIELD 82-92-1005 BS-2202 \$1.00

RELAY CONT ARRANGEMENT 2E/ E IC. 115 VAC 60 CYC FAST ACT BREAK 7; MAKE 4. 4x2x1 1/2 #27593-41 \$1.50

SEALED RELAYS 24 VDC 3 A. CONT. VARIOUS MFG. ROUND, OBLONG OR SQUARE, WIRE OR PLUG-IN. SORRY NO CHOICE.

1PST # C-400 USED .35
1PDT #5703-34 " .40
2PDT #5709-7H " .45
3PDT #56467 " .50
4PDT #54428 " .55
6PST #56469 " .60

POTTER & BRUMFIELD 12 PIN PLUG-IN PLASTIC COVERED 24 VDC, CONT. 2PDT, 1PST N.O AND 1PST N.C. 1x2x2x2 1/2 #82-70-5133/24 \$1.75

RELAY 6V D 1x1x1x1 4IF 500S-SIL \$1.50

PLATE RELAY 10,000 OHMS. CONTACTS 115 VAC @ 5 AMPS 1x1x1x1 #33P-3189 \$1.50

SEALED RELAY TWO COILS EACH WITH DPDT. COILS NOT OPERABLE SIMULTANEOUSLY. ONE COIL IS CONTROLLED BY THE CONTACTS OF THE OTHER. OPERATE FROM 12 VDC. 2x2x2x1 1/2 57175 \$1.00

INTERVAL TIMER ASSEMBLY RELAY TIME DELAY 5 MIN. RESET DELAY 100 SEC. MOTOR VOLTAGE 120V 400 CPS CLUTCH VOLTAGE 28 VDC. ALLIED CONTROL UNIT; 115V 400 CPS, CONT. 2A-29VDC AND 24V 4PDT RELAY. 5LBS. #SS 19180 \$2.95

CRAMER TIME DELAY RELAY METER INDICATOR TYPE, SHOWS IF UNIT IS ON OR OFF. SIZE 3x3x3

#59K48746 2 SEC. \$4.95
#59K48748 20 " 4.95
#59K48747 2 MIN. 4.95
#59K48805 SAME AS ABOVE ONLY 3 1/2" RD. 3 MIN. \$4.95

SILICON RECTIFIER

POWER TESTED AT 1 MA MAX. LEAKAGE

1 AMP. (TOP HAT)	
50-200 PIV	\$.10
200-400 "	.15
400-600 "	.25
600-800 "	.35
800- "	.45
1000 "	.55

5 AMP. (STUD)	
200-400 PIV	.50
400-600 "	.60
700 "	1.00
800 "	1.20
1000 "	1.75

INI347 6 AMP. 500 PVI (GOLD) 1.50

35 AMP. (STUD)	
50 V	.75
100 V	1.00
200 V	1.60
300 V	2.00
400 V	2.25
500 V	2.50
600 V	3.00
900 V	4.00

STRATOPACK FOUR SECTION RELAY SECT.#1 4PDT " #2 4PDT " #3 4PDT " #4 6PDT 24 VOLT D.C. 3x4x2x7; 5LB \$1.95

RHEOSTAT

OTHER VALUES IN STOCK WRITE FOR YOUR NEEDS

STK# WATTS OHMS PRICE

29992	25	25	\$.50
270-5	25	3500	.50

ABOVE SCREWDRIVER ADJ.

750KK	25	75	.50
13990	25	100	.50
201KK	25	200	.50
25250	25	250	.50
92700 (DUAL)	25	250	1.00
24609	25	5	.50

41132	50	7.5	.75
5049	50	8.0	.75
0309	50	1.0	.75
50-12	50	12	.75

ABOVE SCREWDRIVER ADJ.

2954	50	15	.75
15822	50	17	.75
5895 (DUAL)	50	20	1.50
850-30DUAL	50	30	1.50
666-1731	50	34	.75
365-9	50	50	.75
32229	50	60	.75
0066 w/sw	50	100	1.00
8852-L20	50	600	.75
1731	50	340	.75

201FK150	100	15	1.50
316-0796	100	360	1.50
237	150	15	2.95
5R0KK	150	5	2.95

W1525	150	25	2.95
W1501	150	1	2.95
5683	150	750	2.95
154	150	25	2.95
6938	150	3	2.95
351KK	150	350	2.95

63301	300	125	3.95
1261	300	2	3.95

PLEASE GIVE SECOND CHOICE.

CRYSTALS

100 KC CRYSTAL FOR APN-9 LORAN SET. CR-15/U HOLDER OR EQUIVALENT, 3 PRONG 1 1/2 x 1. PRICE: \$4.95

VARIOUS CRYSTALS IN STOCK FOR TCS REC OR TRANS. SPECIFY FREQ. \$1.50 EACH.

1000 KC CRYSTAL FOR BC-221 \$6.95

465 Kc CRYSTAL, RESONATOR TYPE FILTER AS USED IN BC-794, BC-1004 ETC. \$1.50

200 Kc CRYSTAL IN OCTAL TYPE TUBE HOLDER \$3.50

CRYSTALS: FT-241-243 21-39 MC. F/BC-604-684-620-659 NO CHOICE FREQ. 5 FOR \$1.00

IN-21A CRYSTAL DIODE \$1.25 EACH 5 FOR \$1.00

CRYSTAL OVEN 110 V. 60-1000 CYC. FOR HC-6/U, CR-26/U ETC CRYSTALS, WELL FILTERED, OCTAL BASE MOUNTING WITH 254. 72 CRYSTAL. 1x4x1 1/2; WT 1 OZ. #HUG 945550-1 \$1.95

BK-27 TELETYPE RELAYS IN METAL BX CONTAININ 2 QUICK ACTING RELAYS, 115 VDC, 2150 OHMS 1/SPDT & 1/SPST, ADJUSTABLE FROM OUTSIDE BX. PLUG-IN SIZE: 6x3x3 1/2; 4LBS. \$1.50

CIRCUIT BREAKER

115 VOLT 60 CYC 3H900-1.5.1 1 AMP \$1.50
3H900-1.25 1 1/2 " 1.00
62349M6 3 POLE 1 1/2 " 2.50
3H900-3-2 3 " 1.00

HEINEMANN CAT#AM2511M6 CON. AMPS. 3.75, VOLTS 230 AC, CURVE 3 HP. RIGHTS AND LEFT RESET, KNOB FOR DUAL USE. RE-MOVE EQUIP. \$1 EA.

24-30 VOLTS 5 AMPS \$.50
3H913-5 10 " AN 3161-P5 \$.50
8751K4 10 " AN 3161-P10 \$.75
AN 3160-50L 50 " AN 3161-P15 \$.75

* LUMINOUS TIP AIRCRAFT TYPE CIRCUIT BREAKER 5 AMP AN 3161-P5 \$.50
10 " AN 3161-P10 \$.75
15 " AN 3161-P15 \$.75

METAL STAND W/RUBBER FEET BASE 8x11x13 LEGS 13x13x16 2" HIGH. ORIGINALLY USED AS RECORD HOLDER STAND, CAN BE USED AS BOOK, FLOWER, TV, RADIO OR WHATEVER YOU CAN USE IT FOR. WT: 4LB. 75¢

SWIVEL BASE AS USED ON THE BOTTOM OF TV SETS, 5" SQUARE, HAS 2 TURN STOP THAT CAN BE REMOVED FOR 360 DEG. ROTATION. 2LBS. 75¢

POTENTIOMETER PRECISION TYPE, WIRE WOUND, 2SEC. 10,000 OHMS EACH 6W. 3 SOLDER LUGS EA. SEC. SIZE 3x5 1/2. WT: 1LB. STK#27284-29 \$7.75

APPROACH LIGHT GRIMES#NAF1024-2 24 V, SPLIT GREEN & AMBER LENS & CLEAR 3x3x4 1/2; 1 LB. \$7.75

GENERAL ELECTRIC HEAVY DUTY MULTI-SWITCH FOUR CONTACT 3 POSITION & OFF. POS. 1 & 2, 2 & 3, AND 3&1 SIZE: 5x4x2 1/2; WT: 3 LBS. GE#16SB1GF11X4/SB-1 \$4.95

TERMINAL BOARD P/O BD-71 SWITCHBOARD. 15 BRASS SCREW TYPE BINDING POSTS ON INSULATING BOARD 3x16 3 LBS. \$1.50

ACCELEROMETER WITH D'ARSONVAL MOVEMENT WITH FLAG NEEDLE THAT CONTROLS THE AMOUNT OF LIGHT THAT APPEARS IN THE SLOTTED OPENING IN ACCORDANCE WITH THE VOLTAGE APPLIED TO THE METER MOVEMENT. SIZE: 2x3x3 1/2; WT: 1LB. MK-3 ACCELEROMETER \$1.50

RHEOSTAT CONTROL UNIT FOR HEATED CLOTHING; 100 WATT 5.75 OHM RHEOSTAT MOUNTED IN CONTROL BOX WITH INDICATOR KNOB ALSO ON/OFF SWITCH & DUAL LOCKING TYPE SOCKETS FOR INPUT AND CONTROLLED OUTPUT VOLTAGES. SIZE: 5x4x2; WT: 3 LBS. TYPE Q-1C UNUSED \$2.95

CONTACTOR; ALLEN BRADLEY, COIL 26 VDC, CONTACTS 115 VAC 22 AMPS. 3 POLE, WESTERN ELECTRIC #GA51038-SIZE: 5 1/2 x 3 x 3; 3LB. \$4.95

WOBBULATOR MAKE A SWEEP SIGNAL GENERATOR WITH THIS VOICE-COIL DRIVEN CAPACITOR. THIS UNIT CONSISTS OF 10.5 OZ. ALNICO MAGNET DRIVING A THIN ALUMINUM PLATE CLOSER TO OR AWAY FROM THE STATIONARY CAPACITOR PLATES WITH LEADS 5 TO 100 MFSD. CAN BE OBTAINED IN 20 STEPS 5000 OHM EACH WITH HEAVY DUTY CONTACTS & INSULATED TERMINALS \$1.25 7 SHAFT. DAVEN#1373 SIZE: 5x3x3 1/2, SHAFT 1-3/8x3/8. WT: 1LB. STK#27281-3

POTENTIOMETER 100 WATT, 100,00 OHM IN 20 STEPS 5000 OHM EACH WITH HEAVY DUTY CONTACTS & INSULATED TERMINALS \$1.25 7 SHAFT. DAVEN#1373 SIZE: 5x3x3 1/2, SHAFT 1-3/8x3/8. WT: 1LB. STK#27281-3

AUDIO OSCILLATOR BOX ASSY. W/24 12 MFSD. CERAMIC TRIMM. 21 TEMP. COMP. CAP. & RESISTOR WHEN USED WITH 2/6SJ7 TUBES & ASSOC. PARTS IT WILL PRODUCE FREQ. 425-2295 CYCLES IN 12 STEPS OF 170 CYC. EA. 5x5x4 1/2; WT: 5LB. #R26 \$4.95

SINGLE BAND BEAM BALUN INPUT 75 UNBALANCED. OUTPUT 100 BALANCED. UNIT FOR 10 METERS ONLY. WEATHER PROOF. 3x3x4 WT. 5 LBS. PRICE NEW \$1.25

CURRENT TRANSFORMER FOR USE WITH AC AMMETER, MOLDED TOROIDAL CONST 200/115 V 400 CPS CURRENT RATING 500; 0.65 AMPS. 2x2x2 1/2 IN. 4 OZ. # 7499 \$7.75
SIMILAR TO ABOVE OPEN TORROIDAL. RATING 250; 2 AMPS 400 CPS. WEST. TYPE AVT-15A 3x3x1, 8 OZ. \$7.75

ANTENNA RELAY UNIT RE-2/ARC-5 WITH 2 1/2" ANTENNA CURRENT INDICATOR 3-10. ALSO ANTENNA SWITCHING RELAY AND 30 MAF VACUUM CAPACITOR 5 AMPS. 5 LBS. 3x4x6 PRICE RECOND. WITH CAP \$4.95

SELENOID SHORTING RELAY 40VDC HEAVY DUTY INSULATOR 2"x3", STEEL SHORTING BAR 4x1/2, 1 1/2" DRAW AT END, 1/2" AT SEL. SIZE 9x3x3 1/2; 10LB #5945-20-17829 \$3.95

ARC-12 ANTENNA CHANGE-OVER RELAY BNC CONNECTORS FOR EQUIP. UG-23-UG-21 F/ANT. REGULAP & AUX ANT. CONN. 24 VDC RE LAY. W/BNC CABLES. \$2.75
UG-21 ANTENNA CONN. \$7.75

ANTENNA CHANGE-OVER RELAY 6 V.D.C. SWITCHES BCM TO SUB-MINIATURE COAX. SPDT. 2x1x1x1; 4 OZ. #3380-511125-1125 \$2.95

BC-198 ANTENNA 12V SWITCHING RELAY FOR RECEIVER TO TRANS. PUSH BINDING POSTS, PL-77 PLUG. 5x5x1 1/2; 1LB. U. \$1.95

ANTENNA CHANGE-OVER S.P.D.T FOR COAXIAL CABLE 28 VDC ROTARY ACTUATOR WAFER, LOW-LOSS HIGH-POWER. GENERAL COMM #2LN180RC-1 NEW \$3.95
SIZE: 4x3x2 1/2; WT: 1LB.
TYPE "LN" CONN. CUT-OFFS 50¢ AN CONN. 7 CONTACT \$1.00

COAXIAL SWITCH S.P.D.T. FOR COAXIAL CABLE 28 VDC ROTARY ACTUATOR WAFER. USES TYPE "N" CONNECTOR. SA-185/U \$3.95
TYPE "N" CONNECTOR CUT-OFF \$.50
CONNECTOR 3 CONTACT \$1.00

FIRE DETECTOR PHOTOELECTRIC RESISTANCE TYPE 1.5 MEG. MAX DECREASES WITH INTENSITY OF LIGHT. #6340-651-6213 SIZE 3x3 \$2.95

PARTS BONNAZA



PLUG IN TUNING UNITS USED WITH BC-191/BC-375 TRANSMITTER. THESE UNITS CONTAIN MANY PARTS THAT CAN BE USED BY SCHOOLS, LABORATORIES, HAMS, OR EXPERIMENTERS. LISTED BELOW ARE THE VARIOUS TUNING UNITS WITH FREQUENCY COVERAGE, AND PARTS LIST. ALL UNITS INCLUDE CABINET, KNOBS, HANDLES, BRACKETS, AND OTHER PARTS. THE NEW TUNING UNITS ALSO INCLUDE THE OUTER CASE.

SIZE: 17x9x7 1/2 WT: 13 LBS.

TU-5B 1500-3000KC

M-O tank inductance
M-O band change switch
Antenna coupling switch
P-A band change switch
Capacitors, as follows:
3/0.0001 mfd 3000 volt
0.00003 mfd 2000 volts
2/0.0004 mfd 5000 volts
3/0.00009 mfd 3000 volts
Var. 8-26mmf, 20-135mmf
20-156mmf
Antenna coupling coil
P-A grid choke coil
M-O grid choke coil
P-A tank inductance
Res. 15 ohms, 4.5 watts
2 1/2" vernier dial
Right angle drive
USED \$5.95 NEW \$7.95

TU-6B 3000-4500KC

M-O tank inductance
P-A tank inductance
P-A grid choke coil
M-O grid choke coil
Antenna coupling coil
M-O band change switch
P-A band change switch
Antenna coupling switch
Capacitors, as follows:
2/0.00005 mfd 3000 volt
2/0.0004 mfd 5000 volts
Variable cap. 19-116 mmf, 8-26mmf, 15-77mmf
M-O tuning compensator
Res. 15 ohm, 4.5 watts
2 1/2" Vernier dial
Right angle drive
NEW \$5.95

TU-7-B 4500-6200KC

M-O tank inductance
P-A tank inductance
Antenna coupling switch
Antenna coupling coil
P-A grid choke coil
M-O grid choke coil
Cap. as follows:
2/0.0004 mfd 5000 volts
Var. Cap. 8-26 mmf, 23-111mmf, 19-116mmf
2 1/2" Vernier dial
Right angle drive
NEW \$5.95

BC-306 ANTENNA TUNING UNIT

200-500 KC
VARIOMETER COIL
VARIOMETER DIAL
ANTENNA COUPLIN
SWITCH
INSULATORS
NEW \$4.95

TU-8-B 6200-7700KC

M-O tank inductance
M-O grid choke coil
P-A grid choke coil
P-A tank inductance
Antenna coupling coil
Antenna coupling switch
Cap. 2/0.0004 mfd 5000v
Var. Cap. 14-66mmf, 8-26mmf, 15-81mmf
2 1/2" Vernier dial
Right angle drive
NEW \$5.95

TU-9-B 7700-10,000KC

M-O tank inductance
M-O grid choke coil
P-A grid choke coil
P-A tank inductance
Antenna coupling coil
Antenna coupling switch
Cap. 3/0.0004 mfd 5000v
Var. Cap. 19-116mmf, 8-26mmf, 15-77mmf
2 1/2" Vernier dial
Right angle drive
NEW \$4.95

TU-10-B 10,000-12,500KC

M-O tank inductance
M-O grid choke coil
P-A tank inductance
P-A grid choke coil
Ant. coupling coil
Ant. coupling switch
M-O choke coil
Cap. 3/0.0004 mfd 5000v
Var. cap. 14-62mmf, 19-116mmf, 8-26mmf
2 1/2" vernier dial
Right angle drive
NEW \$4.95

TU-26-B 200-500KC

M-O tank variometer
M-O plate coil
M-O grid choke coil
P-A tank variometer
P-A grid choke coil
M-O band change switch
Antenna Coupling switch
Antenna coupling coil
Capacitors, as follows
3/0.0004 mfd 3000v
2/0.0005 mfd 5000v
2/0.004 mfd 5000v
2/0.0035 mfd 5000v
0.002 mfd 5000v
0.0005 mfd 3000v
0.0007 mfd 3000v
12mmf, 35mmf
Var. cap. 8-26mmf
Res. 15 ohm 4.5 watts
2 1/2" Vernier dial
Right angle drive
USED \$5.95 NEW \$7.95

PRESSURE UNIT



AUTOMATIC PRESSURIZATION UNIT MODEL E/AP-150 TYPE 203. INPUT VOLTAGES 27 VDC .4 AMPS. 200 VOLTS 400 CYC DUTY: INT. AIR OUTPUT RATE 110 CUBIC INCH MINUTE; PRESSURE RANGE 10-16 PSI G. WITH 2 1/2" METER 0-25 SCALE.

SIZE: 9x4 1/2x5; WT: 8 LBS. USED \$8.95 PLUG \$1.50

BC-603 RECEIVER



BC-603 RECEIVER F.M. 20-27.9MC CONTINUOUS TUNING & 10 PRESET PUSH BUTTON CHANNEL SELECTOR. WITH SENSITIVITY SQUELCH & VOL UME CONTROLS, 2 WATT OUTPUT TO SELF CONTAINED SPEAKER, ONE (1) MICROVOLT SENSITIVITY, 2.65KC I.F. 10 TUBES 3/6AC7, 1/6J5, 2/12SQ7, 2/6SL7, 1/6H6 & 1/6V6GT. VOLTAGE REQUIRED 12/24 VOLTS FOR FILAMENTS. 220 VDC @ 80 MA. FOR HIGH VOLT. SIZE 11 1/2x6 1/2x12 1/2; WT: 35 LBS. PRICE: USED NOT OPERATING \$19.95

CONVERTED 35-45 MC \$44.95

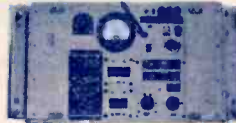
FOR BEST RESULTS ORDER SPECIFIC FREQ. DESIRED

AC POWER SUPPLY FOR BC-603: NO CONVERSION NEEDED EXCEPT TO ADD SWITCH. (INSTRUCTIONS SUPPLIED) WIRED \$14.95 KIT OF PARTS \$11.00 DYNAMOTORS: DM-34 12 VDC, DM-36 24 VDC 4.95

RELAY TEST SET

USED \$16.95
RE-COND. 21.95

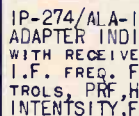
1-193 RELAY TEST SET: USED FOR TESTING 255, 255A, D-1631 19A, D-164 816A POLAR RELAYS ETC. FOR BIAS AND SENSITIVITY. THE ELECTRICAL CHARACTERISTICS ARE DETERMINED BY THE DEFLECTIONS OF THE METER. ALSO CONTAINS CIRCUIT FOR SENDING PULSES FOR TESTING EXTERNAL TELEGRAPH CIRCUITS AND A 10-20 CYCLE OSCILLATOR FOR FOR TESTING AND LINE-UP PURPOSES. OPERATES FROM 115/130 VDC 10 WATTS. (RA-87 RECTIFIER SHOWN ON PAGE 8 OF THIS CATALOG WILL OPERATE THIS EQUIPMENT) SHIPPED IN WOOD CHEST 24X12X13; WT: 75 LBS.



A.F.C. UNIT



AUTOMATIC FREQ. CONTROL UNIT NO. 600671; USED WITH FIRE CONTROL SYSTEM WITH 16 TUBES 2/5829, 11/5703, 2/5702 & 1/5784, DPDT SIGMA RELAY THAT WILL OPERATE FROM 14 VDC @ 2.8 MA, SLUG TUNED COILS, RESISTORS, COND. ETC. (SORRY DO NOT KNOW FREQ. NO SCHEMATIC) SIZE: 4x8x6; WT: 5 LBS. PRICE USED \$2.95



IP-274/ALA-10 PANORAMIC ADAPTER INDICATOR; FOR USE WITH RECEIVERS HAVING 30 MC I.F. FREQ. FRONT PANEL CONTROLS: PRE, HOR, CENTER FREQ, INTENSITY, FOCUS, SYNC, PAN ETC. WITH TUBES 3BP1, 1B3, 003, 3/2807, 12AU7, 6SN7, 884, 2/6SL7, 6J6, 6AC7, 2/6BA6, 6AL5 6X5 & 6BE6. POWER REQ. 115 VOLT 380-1000 CYCLE. TRANSFORMER OUTPUT VOLTAGE 1.25v .2a, 650v 2ma, 300vdc 70ma, 6.3v .9a, 6.3v 4.65a. SIZE: 5x8x21; WT: 18 LBS. PRICE USED \$19.95



STANDARD ELECTRIC TIMER TYPE S-1 ONE (1) REV. PER SEC. MOTOR 115 VOLT 400 CYCLE, CLUTCH 24 VDC, RESET 24 VDC. SIZE 5 1/2x5 1/2x4 1/2; WT: 8 LBS. STOCK NUMBER 6645-803-2187 PRICE: UNUSED \$24.95

WAVE METER

SCOPE OSCILLATOR

AN/UPM-1 WAVEMETER-OSCILLATOR-SCOPE RADAR TEST UNIT FOR 155-235MC AND 460-570MC CONTAINS PULSE AND SWEEP GENERATORS VIDEO AMP. 3" OSCILLOSCOPE, TWO WAVEMETER TWO OSCILLATORS, POWER REQUIREMENTS: 80, 115, OR 230 VOLTS AC. 60-1000 CYCLES. SIZE: 30x21x24; WT. 150 LBS. USED \$39.95

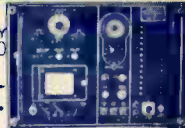
ANTENNA FOR AN/UPM-1 SIZE: 21x12 WT. 11 LBS. USED \$9.95



SIGNAL GENERATOR

USED \$18.95

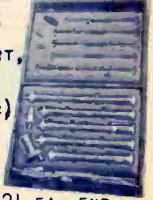
BC-1277 SIGNAL GENERATOR; 2400 TO 3400 MC. TUNED CAVITY DIGIT COUNTER DIVISIONS 30/60 MC. 0-50 D.C. 3 1/2" MICROAMP. METER FOR MEASURING THE VOLTAGES OF THE VARIOUS CIRCUITS. ATTENUATOR, SYNC. AMP., STD. SIGNAL SHAPE AND CAL. SIGNAL AMPLIFIER CIRCUIT OPERATES FROM 115 V. 50-1200 CYCLE. WITH TUBES 3/VR-150, 4/6AC7, 2/VR-105, 2/6Y6, 2/6SF5, 1/6L7, 1/6L6, 1/707A, 1/6X5 & 1/5T4. USED FOR TESTING RADAR. SIZE IN WOOD CHEST 22x17x17; WT: 100 LB



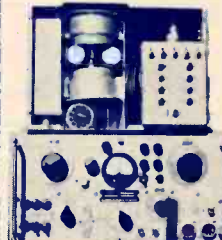
ATTENUATORS

MX-1309/URM-23 POWER MEASURING; KIT OF WAVEGUIDE ATTENUATORS, ADAPTER, BALOMETER, CABLE & CHART, 1000 TO 4000 MC.

ATTENUATOR CN-110/U 10 DB
" CN-111/U 20 DB (2pc)
" CN-168/U 3 DB
" CN-169/U 6 DB
RF BALOMETER DT-76/U, "N" CON
ADAPTER CONN. UG-402/U
COAXIAL CABLE CG-92B/U, W/UG-21 EA. END. METAL CARRING CASE, FITTED, SIZE 19x5x14; WT: 32 LBS. COMPLETE SET \$14.95



PULSE GENERATOR



AN/UPM-19 RADAR TEST SET CONSISTS OF SG-76 PULSE GENERATOR THAT COVERS THE FREQ. OF 2650-2950 MC. VARIABLE FREQ. AND R.F. OSCILLATOR CONTROLS BCN CONN. REQ. FOR R.F. IN, R.F. OUT, VIDEO PULSE AND SYNC. OUT JACKS. 2 1/2" R.F. CAL. POWER METER 25 TUBES, OPERATES FROM 24 VDC VIBRATOR POWER PACK. ABOVE IS CONTAINED IN CASE # 1 OF 2. CASE 2 OF 2 CONTAINS, 2 ANTENNAS, CONTROL BOX, LITE INDICATOR BOX, PLUGS AND CABLES. ALUMINUM CARRING CASE SIZES 16 1/2x8x14 AND 14x10x10; SHPG. WT: 80 LBS. PRICE: USED \$29.50

CALIBRATOR



TS-102B/AP CALIBRATOR: RANGE CALIBRATOR PORTABLE PULSE GENERATOR WITH REPETITION FREQ. OF 400, 800, 1600, 2000 & 4000, MARKER AND SYNCHRONIZING PULSE, VARIABLE DELAY LINE PHASE ADJUSTMENT. OPERATES FROM 115 V. 50-1000 CYCLE WITH TUBES 2/6X4W, 3/6AG7 6/5814, 2/UG273/U CONN. 4/CABLES W/UG-88R/U SIZE: 16x10x11; WT: 28 LBS. UNUSED \$14.95



TS-164 FREQUENCY METER CASE EMPTY CASE USED TO HOUSE FREQ METER BC-221, CAN ALSO BE USED FOR SIMILAR TYPES, HINGED FRONT COVER FOR CALIBRATION BOOK, FRONT COMPARTMENT SIZE 9 1/2x7 1/2x7 1/2, REAR COMPARTMENT HAS 2 BALLAST TUBES AND VOLTAGE REGULATOR TUBE VR-105, REAR COMPARTMENT IS 2" DEEP ALSO RELAY AND SHOCK-MOUNTING. SHPG. WT: 19 LB. NEW \$3.95



JB-70 JUNCTION BOX; USED WITH BC-610 TRANSMITTER. FRONT PANEL HAS SWITCHES AND CONTROLS FOR REMOTE USE OF TRANS. HAS AC OUTLETS BOTTOM & SIDE, 4 HEADSET & 2 KEY JACKS, MIC PLUG, 2 WAFER, 4 TOGGLE, LEVER & START/STOP SWITCHES, CIRCUIT BREAKER, CABLES ETC. SIZE 19x13x5 1/2; WT: 40 LBS PRICE: USED \$9.95



AUTOSYN INSTRUMENT FIELD TESTER; AAF #43G18624 IS A SIMPLE TESTER THAT IS DESIGNED TO TEST THE ELECTRICAL CIRCUITS OF ALL MINIATURE 26 V. 400 CYC. AUTOSYNS. WHEN CONNECTED TO THE SUPPLY IT CAN BE USED AS A TRANSMITTER OR INDICATOR ALSO HAS ELECTRICAL ZERO TESTING CIRCUIT. SIZE: 6x10x5; WT: 8 LBS. PRICE: METAL CASE HINGED COVER & CABLES. USED.. \$8.95 WOOD CASE NO COVER/CABLES 3.95

AF/URG-60 RECEIVER
100 to 156 MC AM
CRYSTAL CONTROL ONE
CHANNEL, AVC, SQUELCH
AND NOISE LIMITER

CIRCUITS, 115 VOLT 25-60
CYCLE WITH TUBES
4/6AK5, 4/6GS7, 2/6H6, 2/6SJ7,
1/7F6 & 1/5Y3GT.
OUTPUT PHONE AND LINE JACKS, RF
AND VOLUME CONTROLS, PILOT LIGHT,
SWITCH ETC.
RACK PANEL MTG. 19x5 1/2x15 1/2;
WT: 50 LBS.
PRICES; USED \$39.50 CHECKED FOR
OPERATION \$45

MOTOROLA

T-193 TRANSMITTER 30-40
MC, F.M. 30 WATT, CRYSTAL
CONTROL SINGLE CHANNEL,
6 VOLT DC DYNAMOTOR WITH
TUBES 4/7C7, 2/7A8, 1/6V6
& 1/807

SIZE: 15x9 1/2x9; WT: 30 LBS.
PRICES: NEW \$14.95 USED \$9.95 NO
TUBES \$5.55

MOTOROLA TRANSMITTER 152-172
MC FM USED \$14.95

30 MC - 28 MC

BC-499 RECEIVER F.M. 20-28
MC, 5 CHANNEL CRYSTAL CONTROL,
FD 15 KC WITH 11
TUBES 3/12SH7, 1/12SJ7, 2/12H6,
2/12A6, 1/12SL7GT & 2/12K8.
WITH 14 VDC DYNAMOTOR OUTPUT
260 VDC 60 MA., AUDIO OUTPUT 500 OHM
& SQUELCH CIRCUIT.

SIZE: 12x9 1/2x9 1/2; WT: 23 LBS.
PRICE: RE-NEW \$18.95
CONNECTOR PLUG TO FIT UNIT ... \$1.50

PHILCO

PHILCO TRANSMITTERS PRT150GT
154-172 MC. F.M. 30 WATT, 6
VOLT DYNAMOTOR P.S. CRYSTAL
CONTROL SINGLE CHANNEL TUBES
2/3A4, 1/9003, 1/6B6, 2/2E24,
1/6C4 & 1/2E30. USED COND
SIZE: 15 1/2x10 1/2x8; WT: 35 LBS.
PRICE: W/TUBES, L/CRYS. \$14.95

PHILCO RECEIVER PRT72G 70-80
MC. F.M. 6 VOLT VIBRATOR POWER
SUPPLY, CRYSTAL CONTROL
SQUELCH CIRCUIT, WITH TUBES
3/6B6, 3/6AK5, 2/6AQ6, 1/6C4,
1/7F7 & 1/7A8. USED LESS CRYST.
SIZE: 15 1/2x10 1/2x8; WT: 30 LBS.
PRICE: \$14.95

NAVY WALKIE TALKIE MARINE BAND

NAVY WALKIE-TALKIE TRANSMITTER &
RECEIVER. THIS EQUIPMENT IS
CRYSTAL CONTROLLED AND CAN BE
OPERATED ON ANY ONE CHANNEL IN
THE FREQUENCY RANGE OF 2.3 TO
4.5 MC. VOICE (A3) COMMUNICATION
ONLY, OUTPUT OF TRANS IS 0.2
WATTS AND SATISFACTORY COMMUN-
ICATION BETWEEN UNITS OVER AVERAGE
TERRAIN SHOULD BE ABLE TO BE MAINTAINED
UP TO APPROX. (1) ONE MILE.

WITH TUBES 1/1R5, 1/1S5, 2/1T4, 3/3A4.
VOLTAGES REQUIRED 67.5 VDC 3 MA; 135
VDC 4 MA; 1.5VDC 225 MA FOR REC.
67.5 VDC 1.5 MA; 135 VDC 19 MA;
1.5VDC 225 MA & -6VDC 30 MA FOR
TRANSMIT. UNIT COMES IN A WATER-
PROOF PLASTIC CASE WITH SPACE FOR
BATT. OR POWER SUPPLY. TELESCOPING
ANTENNA 8 FT. HAS SPEC. LOADING
COIL.

COMPLETE WITH TUBES, ANTENNA, 2
CRYSTALS FT-243 (NO CHOICE) HEADSET
W/CANVAS BAND CARBON MICROPHONE,
CANVAS COVER, & MANUAL. SIZE: 8x8x2 1/2;
WT: 8 LBS. **\$9.95**

**NAVY WALKIE-TALKIE DIRECTION FINDING
EQUIPMENT MODEL DAV** MARINE BAND

SAME AS "MAB" DESCRIBED ABOVE
ONLY HAS A DIRECTION FINDING LOOP
CIRCUIT FOR HOMING AND IS IN A
WATERPROOF PLYWOOD CASE WITH
WEB STRAPS FOR CARRYING ON BACK
OR FRONT. ALSO COMPLETE WITH
TUBES, HEADSET WITH CANVAS BAND,
LIP MICROPHONE, TELESCOPING,
ANTENNA & 2 CRYSTALS (NO CHOICE)
WITH MANUAL. SIZE: 14x10x3 1/2; 11LB
PRICE: UNUSED \$12.95

VIBRATOR POWER SUPPLY MAB & DAV
DESIGNED FOR USE WITH MAB & DAV
DESCRIBED ABOVE, OPERATES FROM 6
V DC STORAGE BATTERY NT-6, THAT
FITS ON BOTTOM OF P.S. PACK, 6 V
4 AMP. (CAN BE OPERATED FROM ANY 6
VDC 4 A. SOURCE) SUPPLIES 1.5 VDC
.3 A., -6 VDC .02 A., 67.5 VDC
.005 A., 135 VDC .02 A.

ALSO USED WITH NAVY EQUIP. MU,
MW, & MX. SIZE: 6 1/2x3 1/2x1 1/2;
WT: 2 LBS. NEW \$6.95

N-T-6 PLASTIC STORAGE BATTERY
FOR ABOVE POWER SUPPLY CRF-20221A
SUPPLIES 6 VOLTS DC 4 AMP.
SIZE: 3 1/2x2 1/2x2; WT: 2 LBS.
CHARGE BATTERY. **DRY \$3.95**

30 MC - 50 MC

RCA F.M. RECEIVER 30 - 50 MC
SINGLE CHANNEL, CRYSTAL CONTROL,
WITH TUBES 9/6SH7, 1/6SL7,
1/1635 & 2/6H6. AVAILABLE WITH
6 OR 12 VOLT VIBRATOR PACK.
SIZE: 9x10x16; WT: 23 LBS.
RCA#CV18 OR EQUIVALENT.

PRICE: USED \$19.95

LINK RECEIVER 30-50 MC FM
TYPE 11-UF-ED-6. CRYSTAL
CONTROL SINGLE CHANNEL,
DUAL CONVERSION, SQUELCH
CIRCUIT WITH TUBES 5/7AG7,
2/7A6, 1/7C7, 1/7F7, 1/7B5 &
1/7F7. VOLTAGES REQUIRED FOR
FILAMENT 6 VOLTS, HIGH VOLTAGE
250 VDC 60 MA.

SIZE: 12x13x9; WT: 22 LBS. PRICE:
USED \$27.50 POWER & CONTROL PLUG \$1.00
ANTENNA PLUG \$1.00

115V 60 CYC & 6 VDC

LINK TYPE 5-FRX TRANSMITTER
RECEIVER; F.M. 30-40 MC
115 VOLT 50-60 CYCLE OR 6 VOLT
DC. SINGLE CHANNEL CRYSTAL
CONTROL. SET IS HOUSED IN METAL
BOX WITH SPEAKER, HANDSET,
PILOT LIGHT CONNECTOR AND SWITCH
FOR 6 OR 115 V. OPERATION.
TRANSMITTER OUTPUT IS 3 WATT
USING TUBES 1/7F7, 1/7W7, 2/7C5,
CRYSTAL FREQ. IS MULTIPLIED 32
TIMES FOR OPERATING FREQ.
RECEIVER SENSITIVITY 1/2 MICROVOLT
OR BETTER. WITH TUBES 2/6AC7,
2/6K8, 1/6V6, 1/6SH7, 1/6SJ7,
2/6H6, 1/6SL7 & 1/6K6. FREQ.
OSCILLATION - 15KC CASE SIZE
21x9x15; WT: SHPG. 80 LBS.

RECEIVER CAN BE OPERATED WITHOUT
TRANSMITTER PRICE: USED AS DESCRIBED
\$29.50

NAVY TCS TRANSMITTER

AM, 1.5 TO 12 MC IN 3 BANDS,
40 WATTS CW, 20 WATTS PHONE,
VARIABLE MASTER OSCILLATOR AND
4 CRYSTAL CONTROL PRESET CHANNELS
OVER THE ENTIRE FREQ. RANGE.
WITH 3/12A6 TUBES IN THE OSC.
AND BUFFER-DOUBLER, 4/1625'S
MODULATOR AND POWER AMPLIFIER
STAGES. ILLUMINATED DIAL WITH
VERNIER AND SPIN TUNING, 2 1/2
INCH METERS FOR READING
VOLTAGES & R.F. ALL TUNING AND
OPERATING CONTROLS ARE ON THE
FRONT PANEL. VOLTAGES REQUIRED
12 VDC & 400-440 VDC 200 MA.
SIZE: 11 1/2x11 1/2x13 1/2; 41LB
USED \$34.50
USED CHECKED FOR OPERATION \$44.50

TCS POWER SUPPLIES

115 V 60 CYCLE (NOT SURPLUS)
COMBINATION UNIT FOR RECEIVER,
TRANSMITTER & CONTROL BOX
7 1/2x13 1/2x50 LBS. WIRED \$50.00
TRANSMITTER ONLY; 5 1/2x6 1/2x9 1/2;
15 LB. " 35.00
RECEIVER ONLY WITH SPEAKER
10x10x6; 15 LB. " 20.00

TCS CABLES RECEIVER TO POWER SUPPLY \$2.75
" " TRANSMITTER TO " " 2.75
PLUGS FOR CONTROL BOX & " " (2) 3.00

TCS ANTENNA LOADING COIL #47205; USED
TO MATCH THE OUTPUT OF THE REC./TRANS.
TO A WHIP ANTENNA TO OBTAIN THE
MAXIMUM PERFORMANCE. OR BY USE
OF THE 6 POSITION TAP SWITCH IT CAN
BE USED TO MATCH VARIOUS LENGTHS
OF STRAIGHT WIRE ANTENNA SYSTEMS.
SIZE: 6x9 1/2x6 1/2; WT: 7 LBS. PRICE:
USED \$6.95

TCS PARTS
MOST PARTS AVAILABLE, ADVISE US OF
YOUR NEEDS.

LINK RECEIVER 1905 152-172
MC F.M. DOUBLE CONVERSION,
SINGLE CHANNEL CRYSTAL CONTROL,
SQUELCH CIRCUIT, WITH TUBES
2/7A6, 1/7F7, 7/7AG7, 1/7B5,
2/6AK5. LESS CRYSTALS

SIZE: 8x10x12 1/2; WT: 30 LBS.
PRICE: WITH 6 VOLT POWER SUPPLY \$34.95
" " " " " " \$39.50

LINK TRANSMITTER 1906 152-172 MC
FM LESS TUBES DYNAMOTOR, RELAYS
CRYSTALS, USED 6.95

R-114/VRC-4 RECEIVER AM CRYSTAL
CONTROL ON FOUR CHANNELS IN THE
1.7 TO 8.7 MC BAND, ONE TUNEABLE
BAND OF 190 TO 510 KC. IF FREQ.
525 KC. FOR PHONE AND CW USE.
WITH TUBES 4/6SK7, 1/6K8, 2/6SQ7 &
1/6K6. VOLTAGE REQUIRED 6 V. FOR
FIL. AND 220 VDC 80 MA. SIZE: 15 1/2x11x14 1/2;
WT: 80 LBS. RE-NEW \$29.95

CONTROL RECEIVER

R-127-RADIO CONTROL CONVERTING
RECEIVER 162-174 MC F.M. 2
CHANNEL OUTPUT, BATTERY OPERATION,
REQUIRED VOLTAGES 67 1/2, 45, 90, 1 1/2, 7 1/2
& 10 1/2 WITH TUBES 2/959, 2/1T4, 2/3S4,
4/1/1S5 & 1/958. 1 F 8.25 MC
CHASSIS AS PHOTO. W/SCHEMATIC

SIZE: 12x8x8; WT: 12 LBS. RE-NEW \$9.95
CONNECTOR PLUG TO FIT UNIT..... 1.50

RECEIVER

R-74/CRW-2 RECEIVER A.M. SUPER-
REGENERATIVE TYPE FOR REMOTE
CONTROL USE IN THE 53-88 MC
BAND. WHEN THE RF TRANSMITTING
CARRIER IS MODULATED BY 475 OR
3000 CYCLE TONE. IT ACTUATES THE
RELAY IN THE RECEIVER WHICH CAN
BE USED TO CONTROL EQUIP. SINGLE
PRESELECTED FREQ. MUST BE USED.
WITH TUBES 1/6SQ7, 1/6J5, 3/6SL7
AND 1/6SN7. AND DYNAMOTOR 24
VDC INPUT, OUTPUT 250 VDC 60 MA.
SIZE: 6x8x10; WT: 15 LBS. PRICE:
USED \$6.95

NAVY TCS RECEIVER

AM, 1.5 TO 12 MC IN 3 BANDS,
CRYSTAL CONTROL ON FOUR PRESET
CHANNEL OR VARIABLE FREQUENCY
OVER THE ENTIRE RANGE. AUDIO
OUTPUT 1.5 WATTS INTO A 500 OHM
LOAD. WITH TUBES 12SK7 RF AMPLIFIER,
12SA7 CONVERTER, 2/12SK7 IF
AMPLIFIER, 12SC7 DETECTOR/BFO,
12A6 OSC. & 12A6 AUDIO AMP.
IF FREQ. 456. ILLUMINATED DIAL
WITH VERNIER & SPIN TUNING.
AUDIO GAIN, AVC & BFO CONTROLS.
VOLTAGES REQUIRED 12 VDC &
APPROX. 220 VDC @ 100 MA. CW
PITCH AND OSCILLATOR SELECTOR
CONTROLS. SIZE: 11 1/2x11 1/2x13 1/2;
37LB. USED \$44.95
USED CHECKED FOR OPERATION \$54.95

TCS REMOTE CONTROL UNIT TYPE
23270 FOR REC. TRANS. AND
AMPLIFIER WITH HEAVY DUTY 5"
PM SPEAKER, MIC & PHONE JACKS,
VOL. CONTROL & SWITCHES.
3 1/2x5 1/2x7 1/2; 7 LBS. RE-NEW \$9.95

RUBBER SHOCK MOUNTS ONLY EACH \$1.50
MOUNTING BASE ONLY \$1.50 WITH 4
MOUNTS \$2.95 NOISE LIMITER CONVERSION KIT
W/6H6 TUBE 2.00

TCS DUAL DYNAMOTOR POWER SUPPLY
INPUT 12 VDC 14.5 AMP. OUTPUT
440 VDC 200 MA. FOR TRANS. 225
VDC 100 MA. FOR REC., FILTERED
INPUT & OUTPUT WITH START RELAY
& CONNECTORS FOR CONNECTING REC.
TRANS. & CONTROL BOX. RE-NEW
SIZE: 12 1/2x7 1/2x7 1/2; WT: 35 LBS.
PRICE: \$14.95

D-401 DYNAMOTOR ONLY FOR TRANS.
INPUT 12 VDC 9.9 AMP. OUTPUT 440
VDC 200 MA. RE-NEW \$6.95
D-402 DYNAMOTOR ONLY FOR REC.
INPUT 12 VDC 3.8 AMP. OUTPUT 220
VDC 100 MA. RE-NEW \$4.95

STEPPING SWITCHES

WESTERN UNION AUTOMATIC NUMBERS CONSISTS OF 3 ROWS OF LIGHTS NUMBERED 0-9, 3 STEPPING SWITCH 6 DECK 11 POSITION, ONE 10 DECK 24 POSITION STEPPING SWITCH, ONE RELAY 4PDT & 4PST, OPERATES 40-48 VDC, MOUNTED ON CHASSIS 4 1/2 x 7 1/2 x 13 1/2; WT: 12 LBS. #9701.1A
PRICE: USED \$19.95

STOCK#	POS.	DECK	VDC	PRICE:
770918IP2	25	10	24	\$9.95
770918IP6	25	9	24	8.95
770918IP1	26	9	24	9.50
H77256	26	5	24	5.95
PW5011	26	5	12	5.95
A326427	12	10	24	5.95
A353421	12	6	24	3.95
A315174	21	2	12	3.95
A215701	27	6	24	5.95
B215238	27	10	24	9.95
917722	24	8	30	5.95
A262476	12	8	24	4.95



CALORIMETER



CALORIMETER D-7604681GI PORTABLE UNIT DESIGNED TO MEASURE THE RF POWER OF X BAND RADAR. TWO SYSTEMS ARE EMPLOYED, CLOSED CYCLE FLUID FLOW AND ELECTRIC FLUID FLOW IS CIRCULATED BY AN INTERNAL PUMP WHERE THE RF IS CONVERTED TO HEAT ENERGY, THE OUTPUT IS THEN INDICATED ON THE 4" WATT METER. THE RANGE SELECTOR IS FOR LOW RF 0-100 & HIGH RF 100-400 WATTS. OPERATING VOLTAGE 115 V. 50 - 420 CYCLE, SIZE: 20x15x13; WT: 75 LB. USED (FULL SPECIFICATIONS MARKER ON REQUEST) \$50.00



BC-1333 MARKER BEACON RECEIVER 75W. USED TO RECEIVE SIGNALS FROM ABOVE TRANSMITTER. WHEN SIGNAL IS RECEIVED IT OPERATES A RELAY IN THE RECEIVER WHICH IN TURN CAN BE USED TO OPERATE SIGNALS, LIGHTS, MOTORS, TURN ON EQUIPMENT ETC. VOLTAGE REQUIRED 24VDC. COMPLETE WITH TUBES 1/12SN7, 1/6SH7, 1/6SL7
SIZE: 3x5 1/2 x 5 1/2 WT. 3LBS. PRICE: USED \$2.95

TRANSISTOR BOARDS

THE TRANSISTOR BOARDS LISTED BELOW ARE APPROX. 4 1/2 x 5 1/2 AND CONTAIN THE PARTS LISTED. \$1.25 PRICE: EACH,

#44485-506-11
3/#6111 G.E. TUBES; 2/2N338 SWITCHING AND HIGH FREQUENCY TRANS.; 21 1/2 WATT RES.; 3/1 WATT RES.; 6/ GLASS DIODES; CAPACITORS: 3/.1 MFD @ 100 VDC; 2/.06 MFD @ 200 VDC; 3/1.5 MFD.-150 VDC TAN ALUM CAP.

#40085-401-31
2/2N498 4W. SILICON MESA PNP TRANS. 1/2N335 .15W SMALL SIGNAL TRANS. 6/1N540 DIODE 2.5A-400PIV; 4 1/2 WATT RES.; 3/ 1/2 WATT 1% RES.; CAPACITOR: 1/5MFD-150 VDC TANTALUM; 1/7 MFD 100VDC TANTALUM; 1/2MFD-100VDC TANTALUM; 1/.1MFD-1000 VDC; 1/.0033MFD 100VDC; 3/.1MFD-100VDC; 1/1000ohm BOURNS TRIMPOT.

#40835-401-11
2/2N498 SILICON MESA PNP-4W; 3/2N335 .15W SMALL SIGNAL TRANS.; 6/U-292 DIODES; 1/2K BOURNS TRIMPOT; 4 1/2 WATT RES.; 7 1/2 WATT 1% RES.; 1/.1MFD-200 VDC CAPACITOR.

#44490-506-11
1/#6021 TUBE; 4/1N251 SILICON SIGNAL DIODE 5MA 1V.; 1/1N643 SILICON DIODE 10MA-200V.; 1/10K BOURNS TRIMPOT 11 1/2 WATT RES.; 2/2WATT RES.; 1/1% RES CAPACITOR: .35MFD-150VDC TANTALUM 1.5MFD-150VDC TANTALUM; .0047MFD -200 VDC; .022MFD-200 VDC; 3/.01-200 VDC; .01-400 VDC; 1 TRANSFORMER.

PLUG-IN CIRCUIT BOARDS
K-2405 GROUP MODULATOR WITH CRYSTAL G4CSW, 3 TRANSISTORS, 4 DIODES, 5 CAP. 25 RES. 4 MIN TRANS. ETC. \$1.95

K-2402 CHAN 6-E WITH COILS
172 KC, 372 KC, 4 TRANSISTORS, 3 DIODES, 11 CAP. 35 RES. 5 MINI TRANS. 2 FILTERS ETC. \$1.00

K-2442-1 REPEATER 5 TRANSISTORS, 3 DIODES, 30 RES. 6 CAP. 2 MINI TRANS. 8 TANT CAP ETC. \$1

K-2411 3.7/3.9 SUPPLY 6 TRANSISTORS, 8 MIN. TANT CAP. 27 RES. 5 CAP. 2 MINI POTS & TRANS. \$1.25

K-2419 E & M SIGNAL UNIT WITH 8 DIODES, 2 TRANSISTORS, 19 RES. 14 CAP. 2 ELEC. CAP ETC \$1.

K-2409 GROUP DE-MODULATOR WITH 1 CRYSTAL, 5 TRANSISTORS, 4 DIODES, 26 RES. 4 MINI TANT CAP. 5 CAP. 3 MINI TRANS, FILTER ETC. \$1.50
| SIZE: 9x4 1/2 x 1 1/2; WT: 2 LBS. ALL USED

C-1 COMBING BALLISTICS BOX;
FOR BOMBING NAVIGATIONAL COMPUTER PT#654573; HAS 4 DIALS WITH CONTROLS CONNECTED BY GEARS TO AUTOSYN RESOLVERS SPERRY #6624-28 SIZE 1 1/2 x 1 1/2 5 EA. #662426 1 1/2 x 1 1/2 2 EA. #5663478 3x2 1/2 2 EACH. ROTARY BANO SWITCH 4 DECK 10 POS. SIZE 9x1 1/2 x 8; WT: 20 LBS. \$7.95

VIGATIONAL AIR DATA COMPUTER
SERVO AMPLIFIERS #SA 118H (P.S.#107861, 1 TEST ADAPTER, POSITIONERS FOR JUMP ANGLE, TRUE AIR SPEED, DYNAMIC PRESURE, AIR DENSITY, ANGLE OF ATTACK & MACH. SIZE: 9x5x17; WT: 40 LBS. USED \$18.95

ROTARY INDUCTOR & DIAL
32.7 UH, 43 TURNS 1 1/2" OIA x 2 1/2 LG. COIL, OVERALL LENGTH 2 1/2 x 2 1/2 x 7, P/O TCS TRANSMITTER. (SHOULD BE GOOD UP TO 100 WATTS) WT: 2 LB. #TCS-L108
REMOVED \$9.95

VARIABLE CAPACITOR TO MATCH ABOVE ROTARY COIL; 425 MMFD, 3 1/2 x 1 1/2 x 1 1/2 WITH SHAFT. TCS-C116 REMOVED FROM UNITS \$2.95

ROTARY INDUCTOR COIL FROM COMMAND TYPE TRANSMITTER, COMPLETE UNIT LESS TUBES, CRYSTAL WITH OIAL, CAPACITORS, 2 VARIABLES ETC. SHPG. WT: 10 LBS BC-457-458 OR EQUIV ENT. USED \$4.95

BC-223 TRANSMITTER

\$19.95



BC-223 TRANSMITTER 25 WATT 2000 TO 5200KC BY USE OF 3 PLUG IN TUNING UNITS, CRYSTAL CONTROL AND VARIABLE OSCIL LATOR, FOUR PRESELECTED CHANNELS, USES

FT-171 CRYSTAL HOLDERS WITH TUBES 1/801 OSCIL LATOR, 1/801 POWER AMPLIFIER, 2/46 MODULATORS, 1/46 AUDIO AMPLIFIER, 2 1/2" METERS, 0-3 R.F. & 0-300 VDC MA. VOLTAGE REQUIRED 12 OR 24 VDC & 500 VDC @ 150-200 MA.

SIZE: 18x13x7; WT: WITH 3 TUNING UNITS 100 LBS PRICE: W/TUBES AND 3 TUNING UNITS WITH CASES FOR 2 TUNING UNITS.. NEW \$19.95

TU-17 TUNING UNIT 2000-3000 Kc. \$3.95
TU-18 " " 3000-4500 " 2.95
TU-25 " " 4500-5200 " 2.95
CS-56 CASE FOR HOUSING TUNING UNIT 1.00
FT-173 SHOCKMOUNTING 1.95
POWER PLUG CONNECTOR F/TRANS OR POWER 1.25
PE-135/PE-55 DYNAMOTOR 12/24 VOLT, USED 10.95
AC POWER SUPPLY
KIT OF PARTS \$25.00 WIRED \$29.95

COMCO MODEL 278 TRANSMITTER-RECEIVER
RECEIVER-TRANSMITTER
FOR 6/12/24 VOET OPERAT ION. POWER OUTPUT 2-3 WATTS. UNIT IS CRYSTAL CONTROLLED (CRYSTALS NOT INCLUDED). COMPLETE WITH TUBES: 2E26, 5686, 5/68H6, 12AX7, 2/6AQ5, 6AT6, 3/68J6, 68E6, 2/6AK5, 6AK6. UNIT COMPLETE WITH TUBES, CABLES, SPEAKER, AND CONTROL BOX. SIZE: 12x11x5 1/2. WT: 35 LBS. USED \$39.95



AIRSPPEED INDICATOR

ID-168B/APA-44 AIRSPEED INDICATOR. CONTAINS A KOLLSMAN TRUE AIRSPEED METER AND AN INDICATING DEVICE WITH A RANGE OF 84 TO 434 KNOTS. BY OPERATION OF THE TEST SWITCH THE AIRSPEED SERVO MAY BE MADE TO RUN I DIRECTION OF INCREASING AIRSPEED, IN DIRECTION OF TRUE AIRSPEED, OR TO HOLD THE PRESENT SETTIN FLEXIBLE TUBE CONNECTED TO A TEMPERATURE COMPEN ATING THERMOMETER.. JOHN OSTER MOTOR # AV 240 28 VDC. TUBES 1/6AK5W. WESTERN ELECTRIC RELAY D171584. SIZE 15x7 1/2 x 5. WT. 19 LBS. USED \$5.95 RE-NEW \$8.95



RT-122/APW-11 REC.-TRANS.

RT-122/APW-11 RECEIVER TRANS-MITTER, THIS UNIT CONSISTS OF A TUNABLE RECEIVER CAVITY, A CRYSTAL DETECTOR, A VIDEO AMP LIFIER, DECODING CIRCUITS, A TRANSMITTER AND CIRCUITS FOR DE-TAINING AUDIO FREQUENCY TONES FROM THE PULSE POSITION MODULATED SIGNALS OF THE AN/MSQ-1. THE TRANSMITTER CONTAINS CIRCUITS FOR ENCODING THE REPLY BY VARYING THE SPACING BETWEEN THE TWO REPLY PULSES. THE RECEIVER-TRANSMITTER RECEIVES INPUT PULSES TRANSMITTED AT A PULSE REPETITION FREQUENCY OF 410 CYCLES PER SECOND AND A PRESET CARRIER FREQUENCY RANGING BETWEEN 2680 AND 2920 MC. THE REPLY PULSES ARE AUTOMATICALLY TRANSMITTED AT A PRE-SET CARRIER FREQUENCY RANGING BETWEEN 2700 AND 2950 MC. TUBES: 11/12AT7; 2/2D21; 6AS6; 6AL5 2C40. SIZE: 13x5 1/2 x 6. WT. 19 LBS. PRICE: USED WITH TUBES... \$14.95
USED LESS TUBES... 5.95



C-400/APW-11 SELECTOR UNIT FOR RT-122 REC-TRANS. CONTAINS 6 RELAYS 24 VDC SPST NORM OPEN 15 9 PIN SOCKETS, 1 OCTAL, 6 FILTERS, 1 DPOT SW. RESISTORS CONDENSERS ETC. 5x6x12; 8 LBS PRICE: USED LESS TUBES \$2.95



DIVERSITY RECEIVER

DIVERSITY RECEIVING EQUIPMENT PROVIDES A MEANS FOR COMBINING THE OUTPUT OF THREE RECEIVERS TO PRODUCE A SINGLE KEYED AUDIO OUTPUT SIGNAL, FREE FROM NOISE AND OTHER UN-DESIRED INTERFERENCE. IT IS SUITABLE FOR USE ONLY IN CW & MCW SIGNALS AND NOT VOICE. THE BAND PASS FILTER IS FOR 600 TO 1200 CYC. AND THE OUTPUT OF EACH RECEIVER IS INDICATED ON THE METERS WHICH ARE 500 MICROAMP. THE AUDIO FREQ. CONTROL CAN BE ADJUSTED FOR THE PROPER BAND PASS. INPUT AND OUTPUT IMPEDANCE IS 600 OHMS. EQUIPMENT OPERATES FROM 115/230 VOLT 50/60 CYC. AND CAN BE RACK MOUNTED. W/TUBES 1/VR-150, 1/6F8, 3/6A6, 2/6SN7, 1/77, 1/1V, 1/80. SIZE: 21x19x14; WT: 125 LBS. PRICE: NEW WITH MANUAL \$19.95



SERVO AMPLIFIER

SERVO AMPLIFIER #358661 IN SEALED BLACK BOX CONTAINING SIX (6) TUBES 2/6AL5, 2/6AQ5, 1/6096, 6101, RELAY DPOT, OUTPUT TRANS. COND. RESISTORS ETC. SIZE: 5x3x4; WT: 4 LBS. USED \$1.95



AMPLIFIER

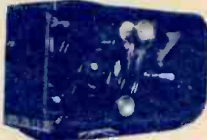
WEBSTER ELECTRIC AMPLIFIER SERVO TYPE: OPERATES FROM 115 VOLT 60 CYCLE, WITH TUBE 3/6SN7, 1/6H6, 1/6SN7 & 1/5T4, POWER SUPPLY OUTPUT 250 VDC 80 MA (UNFILTERED) 5 VAC @ 3 A 6.3 VAC @ 3 A., 6.3 VAC @ 4 AMP. ALSO INTER-STAGE TRANSFORMERS, RESISTORS, CONDENSERS, CONTROLS ETC. CHASSIS SIZE 14x6x1 1/2; WT: 19 LB PRICE: USED \$4.95



\$1.50

MAGAZINE

MAGAZINE FOR RADARSCOPE IMAGE RECORDING CAMERA TYPE C-1A FOR THE O-15 CAMERA SYSTEM. WITH 1-3/8 x 3 1/2" SPOOL.
 SIZE: 3 1/2 x 5 9/16; WT: 8 LBS.
 PRICE: USED \$9.95



MAGAZINE

MAGAZINE FOR RADARSCOPE IMAGE OPTICAL TARGET RECORDING CAMERA TYPE C-7 WITH FILM SPOOL SIZE 1-3/8 x 2 1/2.
 SIZE: 3 1/2 x 6 5/16; WT: 5 LBS.
 PRICE: USED \$9.95



COMPUTER SYSTEM



AMPLIFIER, ELECTRONIC CONTROL TYPE D-1; CHOPPER SAMPLING TYPE WITH TOROIDAL TRANSFORMERS WITH FEED-BACK LOOPS, 6 VOLT 400 CYCLE CHOPPER, 1/5814 & 1/5751 TUBES, SELENIUM RECTIFIER SUPPLY, RESISTORS, CONDENSERS ETC./SCHEMATIC VOLTAGES REQ. 255VDC, -35VDC, 6.3VAC, 115/400CY SIZE: 4x6x9; WT: 12 LB. PRICE: USED \$4.95

COMPUTER-POWER SUPPLY LA-15 CONTAINS 115 V 400 CYCLE P.S OUTPUT -35VDC & 210 VDC, 3 DECK 25 POS. WAFER SW. 3 POLE 25 POS. WAFER SW. 1 " 12 POS. WAFER SW. 33



PRECISION RESISTORS WIRED TO THE SWITCHES ALSO COND. RECTIFIERS, CONTROL ETC./SCHEMATIC USED \$3.95 SIZE: 6x4x4; WT: 3 LBS.



AMPLIFIER, ELECTRONIC CONTROL TYPE E-1; TORRID COIL TRANSFORMERS, K2701 CHOPPER ERROR SAMPLING & FEED-BACK COMMAND SIGNAL. 1/5751 & 1/5678 TUBE, TRANS. ETC. VOLTAGE REQ. 255 VDC, -22V, 6.3 VAC & 115V400C SIZE: 4x6x1 1/2; WT: 2LB. W/SCHEMATIC U \$1.95

MOUNTING BASE FOR AMPLIFIER ASSY. LA-18; USED WITH CAMERA CONTROL SYSTEM LA-17, HOLDS COMPUTER P.S LA-15, CONTROL AMP. E-1 & D-1 DESCRIBED ABOVE CONTAINS 4 RELAYS 4PDT, SWITCHES FILTER, RESISTORS ETC. ALSO MATTING PLUGS FOR ABOVE UNITS. SIZE: 13 1/2 x 5 x 2; WT: 8 LBS.



\$3.50 BASE ONLY, WITH SCHEMATIC CONNECTOR PLUGS TO FIT BASE ONLY, EACH \$2.50 CONNECTOR PLUGS TO FIT UNITS " " 1.00



T-233/URW-3 TRANSMITTER & MODULATOR 65.9 TO 93.8 MC AM WITH 4/815 & 10/12SN7 TUBES. CRYSTAL CONTROL ONE CHANNEL. USED IN AIRCRAFT FOR REMOTE CONTROL OF DRONE RECEIVERS. OUTPUT APPROX 50 WATTS. VOLTAGE REQ. 400 VDC @ 400 MA. AND 24 VDC. SIZE: 8 1/2 x 16 1/2 x 16 1/2; WT: 32 LBS. USED \$24.95



SA-235/APA-57 CONTROL UNIT HAS A SMALL GYRO CONNECTED TO CONTACT ARM THAT MOVES ACROSS A RESISTANCE CONTACTS WHICH WILL GIVE FOUR VOLTAGE READINGS IN RIGHT OR LEFT POSITIONS. ALSO HAS 24 VDC SEALED RELAY 2PDTCLARE SK5235, AMP. THERMAL RELAY 26C8, 7 POS. & 3 POS. WAFER SWITCHES. SIZE: 10x5x5; WT: 4 LBS. UNUSED \$4.95

WAVEGUIDES



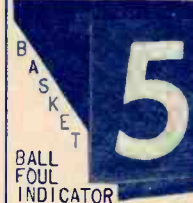
R.F. OSCILLATOR ASSEMBLY P/O R/T-39 APG-5 RADAR SET, 2500 TO 2600 MC. REQUIRE 2040 & 2C43 & 1B27 TUBES. HAS SPECIAL COAX. FEED LINES FOR UG TYPE CONNECTORS. SILVER PLATED ASSY. NO TUBES OR TUBE CAPS. SIZE: 9x4x4; 5 LBS. #2C2783 \$1.95

WAVEGUIDE COUPLER ASSY-DUAL DIRECTIONAL. FLANGE SIZE 1-7/8x1-7/8 WAVEGUIDE 1/2x1-1/8, DUAL GUIDES 9 3/8" LG. WITH PRESSURIZING ASSY. 5 LB IBM STK#1280-779-5806 \$1.95



FIXED COAXIAL ATTENUATORS		PRICE	
TYPE	ATT.	POWER CONN-ECTORS	
CN-110/U	10 50 1-4 KMC	10 UG-45/46	\$1.95
CN-111/U	20 50 1-4 "	5 "	3.75
CN-168/U	3 50 1-4 "	5 "	1.95
CN-169/U	6 50 1 4 "	5 "	1.95
DT-76 R.F. BALOMETER	FOR ABOVE UNITS		4.95

DIGITAL DISPLAY



DIGITAL DISPLAY: EACH UNIT WILL SHOW NUMBERS 0 TO 9 ALSO \$ SIGN 3-3/16" HIGH ON 3 1/2 x 4 SCREEN THAT CAN BE SEEN FOR QUITE A DISTANCE. OPERATES FROM 6.3 VAC. CAN BE ADAPTED FOR BASKETBALL FOUL INDICATOR BY PLACING ONE OVER EACH SCOREBOARD AND HAVE A CONTROL PANEL CONSISTING OF 5 SWITCHES AND TRANSFORMER AT THE SCORER'S TABLE. (WIRING DIAGRAM FURNISHED ON REQUEST) CAN ALSO BE ADAPTED FOR USE AS A MOVING READOUT BOARD. SIZE: 3 1/2 x 5 1/2 x 1 1/2; WT: 7 LBS. PRICE: USED \$7.95 EACH 2 FOR \$15.00

SPECIAL TUBES



INFRA-RED IMAGE CONVERTER TUBE PERMITS SEEING IN THE DARK WITH LITTLE OR NO VISIBLE LIGHT. THIS IS ACCOMPLISHED BY MEANS OF INFRA RED RAYS WHICH ARE DIRECTED AT THE OBJECT OR AREA TO BE VIEWED. WITH ASSOCIATED ACCESSORIES THIS TUBE CAN BE UTILIZED TO DO THIS PLUS MANY OTHER EXPERIMENTS CAN BE TRIED IN OTHER AREAS. (DETAILS OF SNOOPERSCOPE SUPPLIED WITH PURCHASE.) SIZE: 1 1/2 x 1 1/2; WT: 4 OZ. PRICE: \$1.95 EA. 3 FOR \$5.00

PHOTOTUBE: SIMILAR TO VISTRON R-71, 90 VOLTS. WITH LEADS, SIZE 1 1/2 x 2 1/2 \$1.50
 SIMILAR TO VISTRON R-50, 90 VOLTS. WITH LEADS, SIZE 5/8 x 1 1/2 \$1.00
 TYPE 923 4 PIN BASE \$2.25
 TYPE 930 OCTAL " \$2.25
 LIGHT SENSITIVE SWITCH 12 VOLT; AS USED IN MIRROR-MATIC REAR VIEW 35¢ EA. 3 FOR \$1.00
 GEIGER MULLER TUBE ID-85/2J1-20 \$5.95

SUPER PRO OSCILLATOR



MC-531 CRYSTAL OSCILLATOR KIT FOR BC-779 SUPER PRO. IS DESIGNED TO STABILIZE THE OPERATION OF THE RECEIVER UNDER CONDITION OF VARYING LINE VOLTAGE AND CHANGING AMBIENT TEMPERATURE BY MEANS OF A CRYSTAL OSCILLATOR WHICH PROVIDES FOR CRYSTAL CONTROLLED RECEPTION AT ANY ONE OF THREE SIGNAL FREQUENCIES IN THE RANGE 1.5-20 MC. A 6AC7 IS USED IN A PIERCE OSCILLATOR. VOLTAGES REQUIRED; 270VDC AND 6.3VAC. 1 1/2 x 4 1/2 IN PANEL WITH CRYSTAL PHASING CONTROL AND CRYSTAL SELECTOR SWITCH. LESS CRYSTALS, W/ TUBE, 6AC7. SIZE 7x7x3 1/2, WT: 6 LBS. PRICE: RENEW \$5.95

ARP RECEIVER



R-34/APR-2 RECEIVER 90-1000 MEGACYCLES, PROVIDES AUTOMATIC OR MANUAL SCANNING THROUGH THE FREQ. RANGE. ALL SIGNALS WITHIN THE RANGE CAN SIMULTANEOUSLY INDICATE VISUALLY ON THE DIAL AND GRAPHICALLY ON THE 1-3/8" SENSITIZED TAPE: TIME AT WHICH SIGNALS APPEAR IS ALSO RECORDED ON THE TAPE; DURING THE SWEEP CYC. WHICH MAY BE SET AT 1.5 OR 5 RPS. AUTOMATIC SWITCHING FOR LOW AND HIGH ANT. VOLTAGE REQ. 26 VDC & 80-120 V 400 TO 2600 CYC. WITH 18 TUBES, 5 ROLLS OF TAPE AND OPERATING INSTRUCTIONS. SIZE: 21x10 1/2 x 8; WT: 50 LBS. UNUSED \$99.50
 MT-171 SHOCKMOUNTING FOR ABOVE RECEIVER \$2.75
 CONNECTOR PLUG ONLY \$1.50 WITH CABLE .. \$2.75

U.H.F. REC-TRANS.

TRANSMITTER-RECEIVER W/S CON NO. 29 "B" SET APPROX 230 TO 245 MC. WITH SELF CONTAINED 12/24 VDC POWER SUPPLY. TWO PRE-SET CHANNELS IN THE FREQ. RANGE. (IDEAL SET FOR LOCAL NETTING. WITH TUBES 4, 6AG5, 2/6AK6, 2/6CA & 3/6J6. SIZE: 4 1/2 x 8 x 11; WT: 8 LBS. PRICE: USED \$18.95



SERVO AMPLIFIERS



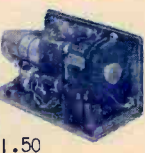
SERVO AMPLIFIERS FROM MD-2 ELECTRONIC CONTROL STABILIZATION BOMBING NAVIGATIONAL COMPUTER. PART NO. DESIG. PART NO. DESIG. 658657 I H 656662 P H 672168 MAH 673097 MDH 658659 K H EACH UNIT SIZE: 3 1/2 x 3 x 3; WT: 3 LBS. U \$2.95 658658 J H 658661 M H 658660 L H EACH UNIT SIZE: 5 x 3 x 3 1/2; WT: 4 LBS. U \$3.95 SEALED UNITS. CONNECTOR PLUGS EACH USED \$1

AMPLIFIER

AM-26/AIC AMPLIFIER; USED IN AIRCRAFT FOR AUDIO INTERCOMMUNICATION. CARBON MICROPHONE INPUT, 600 OHM AND 2000 OHM OUTPUT IMPEDANCE. WITH 2/12J5 & 2/12A6 TUBES. VOLTAGE REQUIRED 24 VDC FOR FILAMENTS AND 250 VDC @ 60 MA. MOUNTING BOR DM-32 DYNAMOTOR 24 VDC. (PAGE 9) SIZE: 9 1/2 x 5 1/2 x 5 1/2; WT: 8 LBS. PRICE: USED \$4.95



KY-65/ARA-26 AUTOMATIC KEYS; MOTOR OPERATED 24 VDC, S.O.S CODE WHEEL AND EXTRA WHEEL FOR MAKING OWN CODE, ADJUSTABLE 5-30 SEC. THREE 24 VDC RELAYS, GEAR TRAIN RES. ETC. SIZE: 6 1/2 x 3 1/2 x 4; WT: 4 LBS. \$6.95 CONNECTOR PLUGS, 3 REQ. EACH \$1.50



READ-OUT ASSEMBLY
 17 LAMPS MOUNTED ON STRIP CONNECTED TO A TWO CONTACT WITH 115 VOLT 60 CYCLE USE. STRIP SIZE 1x7, SWITCH SIZE 2 1/2" DIA. WT: 6 OZ. #LANS SW-249 RE-MOVED FROM EQUIP. \$1.50 EA. 4 FOR \$5.00

THUMB-IT WHEEL WAFER SWITCHES
 1 TO 10 CAN BE USED SINGLY OR IN BANKS. EACH SECTION SIZE 2 1/2" x 2 1/2" x 2 1/2". PRICE EACH SECT. 75¢. BANK OF FIVE AS ILLUSTRATED SIZE 2 1/2" x 2 1/2" x 2 1/2". #5930-539-6550 \$2.95

CIRCUIT BOARDS WITH MINIATURE PARTS AND TUBES, SEVEN DIFFERENT TYPES, PARTS TO MANY TO MENTION, MONEY BACK NOT SATISFIED. GE#773-G1 SIZE: 5 1/2" x 4 1/2" ALL SEVEN BOARD 1 1/2 LBS. FOR \$3.00

REGULATOR AMPLIFIER
 PLUG-IN UNIT CONTAINING FIVE TUBES 2/5703, 2/5744, 1/5783 REASISTOR, CON DENERS, VOL. CONTROL ETC. SIZE: 4 1/2" x 6 1/2" x 2 1/2" WT: 1 LB. #600654 USED PRICE: 75¢ EA. 2 FOR \$1.50

HEATING ELEMENT WITH THERMOSTAT
 1500 WATT WITH 60 TO 250 DEG. THERMO-STAT. ELEMENT LGHT. 7 1/2" 1 1/2" SCREW IN AS IN HOT WATER TANKS IMMERSION TYPE. WT: 3 LBS. #1H-1500W 1500 WATT \$9.95 #1H-1000W 1000 " \$7.95

HEATING ELEMENTS
 HOOKED AND CURVED AS ILLUSTRATION. THERMOLINK #2227 120 VOLT 1500 WATT 5 1/2" LONG. \$1.00
 THERMOLINK #2113 118 VOLT 1000 WATT 4" LONG. \$.75
 THERMOLINK #2286 120 VOLT 500 WATT 3" LONG. \$.50
 CHROMALOX S8X134; FLAT STRIP TYPE 1 1/2" x 8", 115v. 150 WATT PRICE: 75¢ EA.
 FLAT STRIP HEATER 23 1/2" x 1 1/2" 115 VOLT 500 WATT. #225015-24 \$1.50
 CHROMALOX TUBULAR HG-10.50 115 VOLT 25 WATT 10" LG. x 3/8" DIA. 75¢ EA.
 CHROMALOX #SCB STANDARD LIGHT BULB SCREW TYPE BASE 115 VOLT 50 WATT 75¢ EA. 230 " 150 " \$1.00
 CHROMALOX HSW-6 CIRCLE TYPE 6" DIA. OUTSIDE 3 1/2" INSIDE. 118 VOLT 500 WATT. PRICE: \$1.50
 ELECTRIC IRON ELEMENT, NO SPECS. AVAILABLE. 2 1/2" x 5 1/2" WITH WIRING STRAPS, MICA INSULATION. \$.50 EA.

VARIABLE CAPACITOR
 140 MMF 26 PLATES SCREW DRIVER ADJ. WITH LOCKING NUT, 2 1/2" INCL. SHAFT X 1 x 1 1/2. CARDWELL #ZU-140-AS 3D9140V-1 \$1.50

VARIABLE AIR CAPACITOR
 11 MMF TO 200 MMF, 500 VAC 0.0245 AIR GAP 27 PLATES DOUBLE END SHAFT FOR COUPLING 3 1/2" INCL. SHAFT X 1 1/2 x 1 1/2. HAMMERLUND #MC-200S 3D9200V \$1.95

VARIABLE AIR CAPACITOR
 6 TO 20 MMF 3 PLATES 0.026 AIR GAP 2 1/2" x 1 1/2" x 1 1/2", SHAFT 1/2" SLOTTED AND DOUBLE END. HAMMERLUND #MC-20 F/BC654 3D9020V-9 \$.79

VARIABLE AIR CAPACITOR
 2,8 TO 8,5 MMF 5 PLATES P/O BC-640 TRANS. #A105262 3D9002VE8 \$.79

VARIABLE AIR CAPACITOR
 DUAL 6 TO 142 MMF EA. SECT 37 PLATES PER SECT. 4 1/2" LG INCL. SHAFT X 1 W X 1 1/2. HAMMARLUND #HFD-140 #5910-643-9906 \$1.95

CAPACITOR VARIABLE
 AIR 2 SECT. 3 TO 15 MMF PER. SECT. 3000 VOLT PEAK, 9 PLATES PER SECT. 0.070 AIR GAP. #PZE: 1 1/2" x 1 1/2" x 3 1/2"; SHAFT 1/2" x 1 CARDWELL ET-15AD 3D9015V-15 \$1.95

CAPACITOR VARIABLE AIR 2 SECT.
 2.7 TO 75 MMF PER SECT. 0.020 AIR GAP 15 PLATES EA. SEC. CRADWELL EU-75AD 3D9075-12.1 \$1.95
 SIZE: 1-3/8" x 1-3/8" x 3 1/2"

CAPACITOR VARIABLE AIR 2 SECT.
 2.7 TO 75 MMF EA. SEC 0.020 AIR GAP, 15 PLATES SIZE 1-3/8" x 1-3/8" x 3 1/2", SHAFT 1/2" x 1. CARDWELL EU-75AD 3D9075-12.1 \$1.95

CAPACITOR VARIABLE AIR 2 SECT.
 2.5 TO 35 MMF PER. SECT. 11 PLATES EA. SIZE 1-3/8" x 1 1/2" x 3 1/2". SHAFT 1/2" x 1. CARDWELL ER-35AD #5910-649-2671 \$1.95

VARIABLE CAPACITOR
 100 MMF 34 PLATES, SCREW DRIVER SHAFT ADJ. SIZE 2 1/2" INCL SHAFT X 1 x 1 1/2. #4460VC-100 59¢

CAPACITOR VARIABLE AIR
 5.5 TO 100 MMF 0.015 AIR GAP SCRD ADJ SHAFT. SIZE 2" INCL SHAFT 1 1/2" x 1 1/2" U/W BC-312/342 HAMMARLUND APC-100 27 PLT. 3D291 59¢

CAPACITOR VARIABLE AIR
 2.5 TO 9 MMF 0.040 GAP 7 PLATES SCRD ADJ SHAFT. 1 1/2" INCL SHAFT 1 1/2" x 1 1/2" P/O RT-77 3D9009V-16 59¢

CAPACITOR VARIABLE AIR
 3.5 TO 50 MMF 0.015 AIR GAP SCRD SHAFT, 1 1/2" INCL SHAFT X 1 1/2" x 1. P/O BC-659 3D9050V-30 59¢

CAPACITOR VARIABLE AIR
 DUAL STATOR COMMON ROTOR 3-6 MMF EACH, 0.045 AIR GAP 3 PLATES PER SECT. INSULATED FLATTED SHAFT 1 x 1 1/2; SIZE 1 1/2" x 1 1/2" LESS H.P/O BC-779/794/1004 HAMMARLUND #SA-179 3D9006V-17 79¢

JOHNSON VARIABLE CAPACITOR
 DUAL 37-305 MMF SECTION, 7000 VOLTS PEAK, CONTINUOUS ROTATION. SIZE: 18 1/2" x 5 1/2" x 5 1/2"; WT: 8 LBS. GEARED DRIVE. JOHNSON#152-504 \$9.95

JOHNSON VARIABLE CAPACITOR
 DUAL 470 MMF. 4500 VOLTS, .125 SPACING, SIZE 15x5 1/2" x 5 1/2" PLUS DOUBLE END SHAFT. JOHNSON#152-516-2, GOVT #3330-058100-254 \$9.95

TRANSMITTER VARIABLE CAP.
 50-400 MMF. 7000 VOLT PEAK, SIZE: 16 1/2" x 6 1/2" x 6 1/2"; WT: 8 LBS. #7765118-1 COND. REM. \$8.95

COMMAND RECEIVER VARIABLE CAPACITOR
 3 TO 6 MC. 147 MMF 3 GANG W/ TRIMMERS & GEAR ASSY. #4601, 4x3x3 2 LBS. \$2.95

PA TUNING CAPICTOR
 FOR COMMAND TRANSMITTER W/ GEAR TRAIN & DOUBLE END SHAFT. 4x2 1/2" x 3 WT: 1 LB. # C-65/7321 STK. #2C6397A/C8 NEW \$1.95

VARIABLE CAPACITORS
 100 WATT SIZE: 4 1/2" x 2 1/4" SHAFT 3/8" x 1/4" WT: 2 LBS. 31 PLATES 1/8" SPA T-7660443-P1 19 TO 116 MMF P-7761569-P4 23 TO 111 " M-7463006-1 22 TO 118 " PRICE: EACH \$1.95

T-7660443-P7 15 TO 81 MMF 7 PLATES, 1/8" SPACING, SIZE 3x2x2, SHAFT 1/2" x 1/2"; 8oz. \$1.00

BC-221 FREQUENCY METER TUNING CAP.
 WITH GEAR TRAIN LESS DIALS 11.5 TO 160 MMF. 3x3 1/2" x 5, 2 LBS. \$4.75

VARIABLE CAPACITOR
 5 SECTION 20-402MMF EA. SEC. 7 1/2" x 3 1/2" x 2 LB RE-EQUIP. #3DK9402-3 \$3.95

PRESSURE SWITCH; 2 PSI,
 115 VAC 10 AMPS. 28 VDC 2A. DIAPHEX #555-113 \$2.95

PRESSURE SWITCH; 5 PSI,
 28 VOLTS DC 2 AMP. DIAPHEX #555-3429 \$2.95

PRESSURE SWITCH; 20 PSI
 28 VOLTS DC 2 AMP. DIAPHEX #555-2282 \$2.95

PRESSURE SWITCH; 80 PSI
 28 VOLTS DC 2 AMP. DIAPHEX #555-3430 \$2.95

PRESSURE SWITCH; 1-10 PSI
 75 PROOF PSI, 28VDC 1 AMP. MELETRON #410E-100BL-264A \$2.95

VARIABLE CAPACITOR
 13.5-325 MMFD, 500V DC, 43 BRAS PLATES .0245 AIR GAP. WITH 3 1/2" VERNIER DIAL CLEAR PLASTIC WITH MOUNTING W/LIGHT. SIZE: MTG. 5x4x2 1/2; WT: 2LBS. 3093251.1 P/O BC-1148 PRICE: \$3.95

VARIABLE CAPACITOR
 14.5-352.7 EACH SECT. 3 SECTIONS 21 PLATES EA. 0.023 AIR GAP 1-5/8" LG INC. SHAFT X 2 1/2" x 2 1/2. BENDIX #3801 RCC#318 3D9352E7V \$2.95

MK-18 GUN-SIGHT GYRO UNIT
 CONTAINS 2 AUTOSYNS THAT ARE CONNECTED BY A SPRING BELT, ON ONE OF THE UNITS A 1 1/2" MIRROR IS MOUNTED AND ON THE OTHER IS A FREE PIVOTING 2 1/2" MIRROR. SIZE: 3 1/2" x 3 1/2" x 5; 3 LBS. USED LESS MIRRORS \$1

P4-173 COMPUTER LENS ASSEMBLY
 PART OF THE P4 COMPUTER BOMBING SYSTEM AS USED IN THE B-29 BOMBER. CONTAINS PERISCOPE LENS SYSTEM AND A STRAIGHT LENS ASSY WITH CROSS HAIR ADJUSTMENT AND FILTER SYSTEM. SIZE: 13x6x5 PLUS BRACKET. WT: 8LB PRICE: \$6.95

N-S OFFSET INDICATOR & GEAR TRAIN ASSEMBLY
 WITH DIAL SCALE 10-0-10 INSIDE OUTSIDE 0-10, GEAR RATIO COUPLED TO DIALS 10 TO 1. 20,000 OHM MICROPOT 1% ACC. USED WITH APA-44 EQUIPMENT. ASSY#D-153223 USED \$1.95

C-1A AZIMUTH AND SIGHTING ANGLE
 TWO 3" INDICATORS WITH 2 AUTOSYNS AY-201S-2B THAT REQUIRE 26 VOLT 400 CYCLE FOR OPERAT. PART OF APA-44 EQUIPMENT. SIZE: 6 1/2" x 4 1/2" x 3 1/2"; WT: 4 LBS. RE-NEW \$4.95

DAVEN ATTENUATOR
 "I" NETWORK 500/500 OHM 20 STEPS, 1 DB PER STEP WITH DIAL AND KNOB. SIZE: 2 1/2" DIA. 2" DEEP. WT: 1 LB. #T-324F RE-MOVED FROM EQUIP. PRICE: \$1.95

MAGNETIC FOCUSING YOKE
 WITH 2 MAG NETS MOUNTED IN RING. RING SIZE 2-1/8" DIA. 5/8" W. 1" HOLE. MAG-NETS 5/8" x 9/16 WT: 7 OZ. # MAGNET CIR-7 PRICE: 35¢ 3 FOR \$1.00

RF OSCILLATOR TUBE ASSEMBLY
 PART OF SG-76 PULSE GENERATOR 2650-2950 MC USES 2C40 TUBE 2C40 NOT INCLUDED

3" DIAL FOR VARIABLE TUNING, RF OUTPUT TAKE UG-88 COAX. CONNECTORS RADIATION MODEL 104/UPM-19 SIZE: 10" LG X 4" DIA. LG. END WT: 4 LBS. LESS 2C40 \$3.95

FREQUENCY READING CAVITY ASSEMBLY
 PART OF SG-76 PULSE GENERATOR AND USED WITH THE RF OSCILLATOR TO DETERMINE THE FREQ. MORE ACCURATELY AS INDICATED ON THE METER. FREQ. 2650 TO 2950, 3" VERNIER DIAL, TAKES UG-88 COAX RADIATION MODEL #103/UPM-15 SIZE: 4x3 1/2" x 1 1/2" LB. \$2.50

THERMISTOR BEAD ASSEMBLY
 USED FOR MEASURING AVERAGE RF POWER PART OF SG-76 THERMISTORS D168 391 & 168392, COAX. CONN. REQ. UG-21. RADIATION MODEL #120/UPM19; SIZE: 6 1/2" x 2 1/2" x 1 WT: 6 OZ. \$1.95

VIDEO OUTPUT AND PULSE DETECTOR ASSEMBLY
 WITH IN-21B DIODE TAKES UG-88 COAX. CON NECTORS. RADIATION MODEL #106/UPM-19 SIZE: 3 1/2" x 4 1/2" x 4 OZ. \$1.50

COAXIAL SWITCH MANUAL USE
 2 POSIT-ION, TAKES UG-21 COAX IAL CONNECTORS. THOMPSON MODEL CON2CA/UPM15 SIZE: 2 1/2" x 3 LESS SHAFT & KNOB \$2.95

ATTENUATOR VARIABLE IS
 CALIBRATED -30 TO -50 DBM CALI BRATION IS IN PEAK POWER WITH-IN 1 DB. WITH 2" DIAL TAKES 2 UG-21 COAX. CONN. RADIATION MODEL #105/UPM19 SIZE: 3 1/2" x 1 1/2" x 1 1/2"; WT: 4 OZ. \$2.50

ATTENUATOR PAD 3 DB, TAKES UG-21 ON ONE END AND HAS A UG-21 TYPE PLUG ON THE OTHER 8 INCHES LONG. GE#7507649P8 \$1.95

ATTENUATOR 50 OHMS 10.60B
 STODDART#90520-11, TAKES UG-21 TYPE CONN. EACH END. LENGTH 3". \$1.95
 ADAPTER UG-188/U (WHICH IS A UG-21 TYPE PLUG) TO A STANDARD UG-88 CONN. CABLE 3" LONG. CN-210/U \$1.25

AUDIO OSCILLATOR NETWORKS
 FOR USE WITH 12AU7 TUBE. Z1 73.2 CPS Z5 183.0 CPS Z2 91.5 " Z6 244.0 " Z3 122. " Z7 141.0 " Z4 144.5 " EACH CAN SIZE 1-5/8" x 1-3/8" x 3 1/2"; WT: 2 OZ. RADIATION UPM-2 (THEN NO.) PRICE: EACH \$1 ALL 7 \$5.00

SYNCHRO SELSYNS



GENERATOR (ANGLE TRANSMISSION) ROTOR 2 PHASE 24 VOLT, STATOR 2 PHASE 20.6 VOLT 400 CYCLE. PART #GC-15-DS-10; SIZE 1 1/2 x 2 1/2 NOT AVAILABLE
 GENERATOR INDUCTION, 24 VOLT 400 CYCLE EASTERN AIR DEVICES #J2GM07-40 \$2.95
 TRANSMISSION GENERATOR MFG. ARMA, TYPE 03TG-400X1, DWG #93054 \$2.95
 AUTOSYN RESOLVERS
 AY221S-3-B 400 CYCLE ROTOR 2 PHASE 26 VOLT, STATOR 2 PHASE .11.8 V. BENDIX 1.95
 AY-123D BENDIX SAME SPECS AS ABOVE 1.95
 SERVO CONTROL MOTOR MFG. BY OSTER, 115 V. 400 CYCLE NO LOAD SPEED 5000 RPM. TORQUE 1.45 OZ. IN. \$2.95
 RESOLVER MFG. BY CLIFTON PART #BSC-15DS ROTOR 2 PHASE 0.5-16 VOLT, STATOR 0.5-16 VOLT 400 CYCLE. \$2.95
 RESOLVER TRANSMISSION GENERATOR, JOHN OSTER TYPE 15-4042-06, DWG. #C45 \$2.95
 RESOLVER MFG. BY ARMA, TYPE 03X1-400 DWG. #93001. \$2.95
 RESOLVER MFG. BY OSTER TYPE 15-4042-04 \$2.95
 AUTOSYN DIFFERENTIAL
 AY-165-A3 400 CYC. 3 PHASE 11.8-3 PHASE 1-1 RATIO. BENDIX 1.95
 AY-232S-38 BENDIX SAME SPEC. AS ABOVE 1.95
 AY-231S-38-B " " " " " " 1.95

2J1H1 SELSYN DIFFERENTIAL GENERATOR NORMALLY OPERATES FROM 57.5/57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 36 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM ON PAGE 31. SIZE: 2 1/2 x 4 1/2; WT: 8 OZ. PRICE WITH CONNECTOR CAPS..... \$3.95



1-196 SIGNAL GENERATOR 160 TO 220 MC USED TO CHECK LF & HF BANDS OF IFF SETS. DRY BATTERY OPERATION USES ONE 957 ACORN TUBE VARIABLE FREQ. & TONE CONTROL, PILOT LIGHT, ON/OFF SW. ETC. HOUSED IN WOOD CASE WITH CANVAS COVER. SIZE: 8 1/2 x 8 1/2 x 14; WT: 10 LBS. REQUIRES 1.5 & 135 VDC. NEW \$2.95



OS-29/UPM-4A PRECISION SYNCHROSCOPE EMPLOYING A THREE INCH CATHODE RAY TUBE. THE SWEEP OF THE CRT CAN BE TRIGGERED EXTERNALLY OR INTERNALLY AND CAN BE DELAYED WITH EITHER TRIGGER. THE SWEEP DURATION AND, WHEN INTERNALLY TRIGGERED, THE SWEEP FREQ. CAN BE CONTROLLED. THE INPUT SENSITIVITY OF THE VIDEO AMPLIFIER CAN BE VARIED IN SIX STEPS FROM 0.2-20 VOLTS PER INCH OF VERTICAL DEFLECTION. THE UNIT CONTAINS HIGH VOLTAGE POWER SUPPLY, BUT REQUIRES THE FOLLOWING VOLTAGES FOR OPERATION 300V, -27V, 425, 105V. NORMALLY SUPPLIED BY POWER SUPPLY PP-802/UPM-4A, NOT AVAILABLE. SIZE: 22x19x10. WT: 50 LBS. RENEW- \$34.95.....USED- \$22.95

AZIMUTH INDICATOR

1D-260/GRD AZIMUTH INDICATOR CONTAINS THE PHASEMETER WHICH PROVIDES THE BEARING INDICATION, AS WELL AS A NEON LAMP, 2" C.R. TUBE & SPEAKER. THE NEON LAMP & CR TUBE SHOW WHETHER OR NOT A DF SIGNAL IS PRESENT IN THE SYSTEM. HAS 28P1 OSCILLOSCOPE SYSTEM WITH CONTROLS ON THE FRONT PANEL, 5" AZIMUTH PHASEMETER SELSYN TYPE INDICATOR & 3" SPEAKER. WITH TUBE 1/6AL5, 2/12AU7, 2/6AQ5, 1/12AX7, 2/6AL6, 1/2D21, 2/5Y3 & 1/0A2. OPERATES FROM 115 V. 50/60 CYC RACK MTG. 19x10 1/2 x 12; WT: 50 LBS. USED \$29.50



RADAR FREQUENCY AMP.

R-9 RADAR FREQUENCY AMP. USED TO INCREASE OUTPUT OF TEST EQUIPMENT IN 2750-2950 MC RANGE. POWER APPROX. 6 WATTS FROM 2C40 TUBE. CONTROLS FOR POWER AND FREQUENCY. COMPLETE WITH TUBES 2C40; 6AN5; 5687; 12AT7; 2X2; 2/0A2; 0B2; 2/5Y3; 6EQ6. SIZE: 10 1/2 x 17 1/2. WT. 43 LBS. PRICE: \$19.95



TS-452 SIGNAL GENERATOR 5-100mc BY THE USE OF PLUG IN COILS, PROVIDES A CONSTANT SINE-WAVE RADIO FREQ. VOLTAGE 60-100 TIMES PER SECOND.

THE TRAVELING DETECTOR PICKS UP THE SIGNAL TO BE TESTED WHICH IS AMPLIFIED AND APPLIED TO THE PLATES OF THE CR TUBE. THE MOST FREQUENTLY USED CONTROLS FOR THE SIGNAL GENERATOR INCLUDING THE OSCILLATOR, WAVEMETER, VERTICLE AMPLIFIER AND NINE STEP ATTENUATOR ARE ON THE FRONT PANEL, ADDITIONAL CONTROLS ARE PROVIDED THROUGH THE DOOR ON THE TOP OF THE CASE. SIZE: 19x9 1/2 x 16; WT: 60 LBS.

PRICE: USED SERVICEABLE \$75.00



BLOWER FOR TRANSMITTER COOLING; 115 VOLT 50/60 CYCLE 125 CFM, 1/32 HP. 1750 RPM MOTOR, CAPACITOR START, 6 1/2" LG. x 5 1/2" WD. x 6 1/2" H. INTAKE 3" OUTLET 2.20" PEDESTAL MOUNTING 1 1/2" x 4" SHPG. WT: 10LB W/CAP. STK# B-201 RE-MOVED \$6.95



SELSYN SYNCHRO TRANSFORMER #78386 TYPE XV, 115 VOLT 60 CYCLE, SIZE 5 1/2 x 3 1/2, SHAFT 1 1/2 x 1/2; 5 LBS. UNUSED \$5.95

SYNCHRONOUS TRANSMITTER TYPE VIII 50 VOLT 50 CYCLE 1 PHASE, SIZE 5 1/2 x 3 1/2, SHAFT 1 1/2 x 1/2 WITH ADAPTER. 6LBS. PART #5578411 PRICE: NEW \$8.95

RECEIVER TORQUE SYNCHRO 23TR4 115/90 VAC 400 CYCLE, TWO UNITS MOUNTED ON FRAME WITH NUMBERED DIALS 0-100 & 0-1000, SYNCHRO SIZE 4x2x2 PRICE USED \$15.00



23TR4 RECEIVER 115/90 V. 400 CYC. USED \$7.95
 23TR4 TRANSMIT 115 V. 400 " " " 7.95
 23CT4 CON. TRANS. 115 V. 400 " " " 7.95
 23RS4A RESOLVER 90/90 V. 400 " " " 7.95

23CX6 TRANSMIT 115/90 V. 60 CYC. NEW 10.00
 23CX6 " " " " " USED 7.00
 23CT6 TRANSFOR 90/IV PER DEG 60cy " 7.00

DAYSTROM TRANSICOIL CONTROL MOTOR 115 VOLT 60 CYCLE, 1 PHASE, 2 PHASE 200 VOLT CT., 3200 RPM. SIZE 2 1/2 x 2, SHAFT SIZE 1/16 x 1/2 WITH GEAR. (REMOVED FROM NEW EQUIP.) PRICE: \$5.00



TS-239 OSCILLOSCOPE GENERAL PURPOSE INSTRUMENT FOR TESTING RADAR & COMMUNICATION EQUIPMENT. DISPLAYS A LUMINOUS PLOT OF TIME-VARYING VOLTAGE PULSE OR WAVE ON A 3" CR TUBE. SINE WAVE OF 10 CYC TO 5 MC ARE OBSERVABLE.

INPUT IMP. 300M OHMS W/30 MMFD CAP. SIGNAL INPUT SCOPE ONLY .1 TO 100 VOLTS PEAK. OUTPUT TRIGGER PULSE + 25 V. 4 MICROSEC. DUR FREQ. RANGE 1 CYC TO 3 MC. PULSE DISPLAY .2 TO 5M MICRSEC. INTERNAL SQUARE WAVE 150 CYC PER-SEC. ADJ. .1 TO 1 VOLT. ALSO 75 VOLT SQ. WAVE. SENSITIVITY .1 VOLT PRODUCES STAND. DEFLECTION W/MAX. AMPLIFICATION. CONTROLS & CONN. ON FRONT PANEL. SIX STEP MULTIPLIER EXTENDS RANGE 300 TIMES. SWEEP ADJ. .1 TO 50M MICROSEC. POSITIVE OR NEGATIVE POLARITY. WITH USE OF PROBE INPUT IMP. MAY BE INCREASED TEN TIMES WITH LOSS OF SENS. AND INCREASE IN VOLTSGE TO 450. WITH TUBES 3/6AK5, 2/6AG7, 2/6CA, 8/7F8 1/6AL5, 2/6SN7, 1/VR-105, 2/6X5, 1/5R4 & 1/3JPI SIZE: 21 1/2 x 16 1/2 x 13 1/2; WT: 75 LBS. PRICE: USED CHECKED \$69.50 NOT CHECKED \$55.00



DESICCATOR PUMP TEST FIXTURE: CONSISTS OF AIR FLO-SCOPE INDICATOR WITH 4" MAGNEHELIC METER 0-8 INCHES OF WATER AND PRESSURE CONTROL VALVE ALSO TWO 3" SQUARE METERS 0-50 VDC 500 OHMS PER VOL AND 0-5 AMP METER, RHEOSTAT, SW, PILOT LIGHT ETC. UNIT IS HOUSED IN METAL CARRING CABE 21x13x6; WT: 25 LBS. PRICE: USED \$14.95

SYNCHRO GENERATOR SPERRY PT#5663642 MFG. BY BENDIX FOR IBM. SIMILAR TO BENDIX OPERATES FROM 26 VOLTS 400 CYCLE SINGLE PHASE WHEN USED IN CONJUNCTION WITH BENDIX # AY-201 SYNCHRO CONTROL TRANSFORMERS IT WILL OPERATE UP TO 20 UNITS. WILL ALSO OPERATE FROM 6 VOLT 60 CY. WITH A SLIGHT LOSS. SIZE: 2 1/2 x 2 1/2; SHAFT 1/16 x 1/2; WT: 12 OZ. PRICE: NEW \$2.95 2 FOR \$5.00

AY-201 SYNCHRO CONTROL TRANSFORMER MFG. BY BENDIX, KETAY, CLIFTON ETC ROTOR 1 PHASE 26 V 400 CYC. STATOR 3 PHASE 11.8 V. SIZE: 1 1/2 x 1 1/2, SHAFT 1/16; WT: 3 OZ. PRICE: RE-MOVED FROM EQUIP. \$1.95 EA.

SELSYN TRANSFORMER DIEHL #812732 115 VOLT 400 CYCLE. CAN BE OPERATED ON 60 CYCLE WITH CAPACITOR. RE-MOVED FROM EQUIPMENT. SIZE: 2 1/2 x 2 1/2 x 2 1/2; 3 LB. \$2.25

BC-788C RECEIVER-TRANSMITTER ALTIMETER, PULSE TYPE, TRANSMITTER OUTPUT 50 WATTS. FIXED FREQUENCY 440 MC. WITH TUBES 3/6J6, 1/6L6, 9/6AG5 AND 1/5Y3G OPERATES FROM 115 VOLT 400 TO 2400 CYCLE. SIZE: 15 1/2 x 9 x 8; WT: 13 LBS. PRICE: USED \$18.95

INDICATOR ML-117 INDICATOR, WIND DIRECTION AND SPEED. UNLIMITED WIND SPEED RANGE INDICATED BY ONE LIGHT, 0-360 DEG. WIND DIRECTION RANGE INDICATED BY 8 LIGHTS, FLASHING LIGHTS OR BUZZER INDICATORS, INTERRUPTER CURRENT ACTUATED, 110 V 60CY OR 6.8 VDC. (THIS IS ONLY THE INDICATOR, REQUIRES OTHER PARTS FOR OPERATION) FREIZ ITEM #18-1475. SIZE: 9 1/2 x 4; WT: 24 LBS. PRICE: RE-NEW \$12.95



GENERAL ELECTRIC SELSYN CONTROL TRANSFORMER MODEL NO. 2J15N1 57.5-57.5 VOLTS 400 CYCLE. SIZE: 2x2x2; 1 LB. NEW \$4.95

MD-58/APS-3 MODULATOR FOR SUPPLYING POWER TO RT-10/APS-3 TRANSMITTER CONVERTER IN PULSED FORM TWO MICROSECOND 350 CYC. ONE MICRO-SEC. 700 CYC. WHICH IS RECEIVED FROM THE RECEIVER-AMPLIFIER OPERATES FROM 115 V. 400 CYCLE. W/TUBES 3/3B24, 1/3B26, 1/829B & 1/715. SIZE: 17 1/2 x 15 1/2 x 17 1/2; WT: 95LB. USED \$50.
 R-18/APS-3 RECEIVER-AMPLIFIER USED \$39.50
 PP-12/APS-3 RECTIFIER " 29.50
 C-20/APS-3 AZIMUTH CALIBRATOR " 5.95
 MX-10/APS-3 DUMMY INDICATOR " 3.95

MD-16/TPS-3 MODULATOR, RADAR TYPE P-3E EMISSION, RESONANT CHARGING SYSTEM THRU TYPE E LINE THAT IS DISCHARGED THROUGH SPARK GAP & PULSE TRANSFORMER, 500 OHM INPUT, 8 KV OUTPUT, 200 PULSES PER SEC. 1.2 SEC. DURATION. WITH TUBES 2/705 & 1/1B32-532. OPERATING VOLTAGE 115 V. 400 CYC. SIZE: 12 1/2 x 14 1/2 x 11; 125 LB. PRICE: RE-NEW \$16.95

1-82A 5" INDICATOR
 1-81A 3" INDICATOR

1-82A INDICATOR 5" ILLUSTRATED TO LEFT ABOVE 0-360 DEGREE SCALE CONTAINS A MATCHING AUTOSYN MOTOR TO BE USED WITH THE LP-21LM LOOP. OPERATES FROM 26 V 400 CYC. (60CYC SEE BELOW)
 1-81A INDICATOR 3" ILLUSTRATED TO RIGHT ABOVE 0-36 DEGREE SCALE CONTAINS A MATCHING AUTOSYN THAT WAS USED WITH THE LP-21LM LOOP. OPERATES FROM 26V 400 CYC. (60 CYC. SEE BELOW)
 1-82A INDICATOR 5" USED \$7.95
 1-81A INDICATOR 3" USED \$3.95 RENEW \$4.95
 PL-118 CONNECTOR PLUG FOR INDICATORS 2.50EA



Clearance

EQUIPMENT OFFERED AS USED SERVICEABLE, NOT CHECKED FOR OPERATION.
IF NOT SATISFIED EQUIPMENT CAN BE RETURNED FIVE DAYS AFTER YOU RECEIVE IT PROVIDING YOU PAY FREIGHT CHARGES BOTH WAYS.
BUY NOW AS QUANTITIES ARE LIMITED




BOONTON SIGNAL GENERATOR AM/FM No. 202B 54-216Mc \$195.00




BOONTON INVERTER No. 207A, FREQ. EXTENDER FOR 202B SIG. GEN. 207A \$75.00 207E (RACK) 85.00




DUMONT 404 PULSE GENERATOR \$60.00



PANALYZER SB-8B T-200 INPUT CENTER FREQ. 500Kc 5" CRT w/PS-8B \$100.00



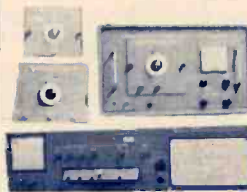
TEL-INSTRUMENT 1212 RF WOBULATOR 13 CHANN \$50.00



AIRBORNE INST. TYPE 74 NOISE FIGURE INDICATOR \$75.00



TEKTRONIX 180S2 TIME MARK GENERATOR \$75.00




AD-YU 205 B-1 PHASE DETECTOR w/VTD 15-400 Mc. \$100.00



TELONIC S-3 UHF SWEEP GENERATOR CAL. 14-82 \$35.00



DUMONT OSCILLOSCOPES 303A 5" CR \$75.00 303H 5" CR \$85.00 274A 5" CR \$95.00



BERKLEY 5558 EPUT METER 6 DIGIT \$125.00



SPERRY MICROLINE 31A2 PEAK POWER METER 0-300 MILLIWATTS \$60

HEWLETT PACKARD		
524A COUNTER	FREQ. .01HZ-10MFZ 6DIGIT	\$275
415A SQUARE LAW DETECTOR		65
325 NOISE DISTORTION ANALYZER		75
300A HARMONIC WAVE ANALYZER	30CYC-16KC	200
200B AUDIO OSCILLATOR	20 TO 20,000 CYC	50
400 VACUUM TUBE VOLTMETER		40
500 FREQUENCY METER	10 TO 50,000 CYC	75
212A PULSE GENERATOR		100
205AG AUDIO OSCILLATOR	20 CYC-20,000CYC	100
BOONTON RADIO CORP		
110A Q-X CHECKER	100 KC-25 MC	50
62 VACUUM TUBE VOLTMETER		45
275 I.F. CONVERTER		35
78FM SIGNAL GENERATOR		40
FERRIS	FERRIS	
22A SIGNAL GENERATOR	85KC TO 23 MC	75
20AI MICROVOLTER		65
KAY-ELECTRIC		
I.F. MARKA-SWEEP	9 CRYSTAL MARKERS	75
RF-P MARKA-SWEEP TV CHAN. SEL.	2-13	85
KILO MARKA-KILO-SWEEP	.1-2MC	85
MARKA-SONA-SWEEP		65
150B MARKA-SWEEP VIDEO		40
MEGA-NODE NOISE DIODE		40
860D VARI-SWEEP(LESS PLUG-IN)		40
TEL-INSTRUMENT		
1900 MULTI-FREQUENCY GENERATOR	10 RANGES	50
2120 RF PICTURE GENERATOR		60
2000 BAR & DOT GENERATOR		60
1500A WOBULATOR		65
1902A AM-FM GENERATOR		75
1200A WOBULATOR		60
1000 TELE-ADAPTER		50
MEASUREMENTS CORP.		
84TV SIGNAL GENERATOR	300 TO 1000 MC	\$175
84TVR " "	400 TO 1000 MC	185
444 " "	300 TO 1000 MC	150
GENERAL RADIO		
720A FREQ. METER	100-200MC HARMONICS 10-3000MC. BATTERY OPERATED	75
SYLVANIA		
132 OSCILLOSCOPE	7" TUBE	75
400 " "	7" TUBE	100
POLYTECHNIC RESEARCH		
904 NOISE GENERATOR	VHF-UHF	95
CANADIAN RESEARCH		
RM-6A BREAKDOWN TESTER	900V TO 2500V	75


GOV'T TEST SETS

AN/UPM-11	RADAR RANGE CALIBRATOR 8600-9600 Mc WITH WAVEGUIDE FITTINGS, HORN & CABLE.	\$50.00
AN/UPM-35	ANALOG CORN TEST SET FOR USE WITH SERVOMECHANISMS AND RESOLVER DRIVERS.	\$40.00
AN/UPM-25	RADAR TEST SET, 8500-9600 Mc. USED TO MEAS. TRANS. FREQ. POWER OUTPUT & SPECTRUM, REC. SENSITIVITY, MAGNETRON PULL ETC. SIMILAR TO TS-147 SIGNAL GENERATOR.	\$40.00
AN/UPM-40	RADAR RANGE CALIBRATOR 23.5 TO 24.5 KILO MC. WITH WAVEGUIDE ADAPTERS & HORN.	\$65.00
AN/UPM-41	TEST SET USED FOR EVALUATING I.F. & VIDEO SEC. OF INDICATING SYSTEMS. CONTAINS SIGNAL GENERATOR 27 TO 33 Mc. AND 3" SCOPE, METERS ETC.	\$60.00
AN/URM-11	AN/ARC-33 TEST SET	\$20.00
AN/GPM-17	TRANSPONDER TEST SET	\$75.00

VOLTAGE REGULATED POWER SUPPLIES

LAMBDA VOLTAGE REGULATED POWER SUPPLIES 105-125 V 60 CYC, RACK MOUNTINGS


C-28	200-325 VDC @ 100 MA 6.3VAC 3A	\$25
C-281M	125-325 VDC @ 200 MA AND 6.3 VAC @ 10 A. WITH METERS.	\$50
C-480M	0-200 VDC @ 400 MA. AND 6.3 VAC @ 15 A. WITH METERS.	\$60
C-1580M	0-200 VDC 1.5A AND 6.3 VAC @ 15 A. WITH METERS.	\$75
SORENSEN 560 BB	150/500/600 VDC @ 500 MA. 6.3 VAC @ 10 A. WITH 4x4 IN METERS. CABINET TYPE.	\$60




FREQUENCY STANDARD TEST EQUIPMENT LABORATORY MODEL 501 BY HALLICRAFTERS. FREQUENCIES 4 MC 100 MC AND 1000 MC, WITH OR WITHOUT MODULATION. POWER REQUIRED 115 VOLT 60 CYCLE.

SIZE: 10x7x9 1/2; 20 LBS. USED \$30.00

RESCUE TRANS ACCESSORIES




M-357/CRT-3 BOX KITE; COLLAPSIBLE TWO PIECE, MEASURES 17x17x36 INCHES WHEN ASSEMBLED AND IS USED TO RAISE THE ANTENNA OF THE CRT-3 RESCUE TRANSMITTER WHEN A WIND IS BLOWING IN VELOCITIES OF FROM 7 TO 40 MILES PER HOUR. THE CLOTH OF THE KITE IS MOISTURE-REPELLENT AND THE FRAME IS ALUMINUM. INSTRUCTIONS FOR ASSEMBLY AND USE ARE PRINTED ON THE CLOTH. COLLAPSED SIZE 19x4; WT: 2 LBS. PRICE: \$4.95



M-278 BALLOON; USED TO RAISE THE ANTENNA OF THE CRT-3 RESCUE TRANSMITTER WHEN LACK OF WIND DOES NOT PERMIT THE USE OF THE M-357 KITE. THE BALLOON IS MADE OF NEOPRENE AND SUPPLIED IN A CAN WITH A KEY FOR OPENING. WHEN INFLATED BY MEANS OF THE HYDROGEN GENERATOR AND INFLATING TUBE, DESCRIBED BELOW, THE DIAMETER WILL BE OVER 4 FEET. HAS 2 CORD LOOPS FOR ATTACHING ANTENNA AND RUBBER CORK STOPPER. SHPG. WT: 2 LBS. PRICE: \$4.95

M-278 BALLOON WITH M-315 HYDROGEN GENERATOR AND INFLATING TUBE.....\$10.00



M-315 HYDROGEN GENERATOR; USED TO INFLATE THE M-278 BALLOON. COMES IN A STEEL CYLINDER FILLED WITH LITHIUM HYDRIDE; OPERATED BY IMMERSION IN WATER; KEY AND TONGUE ON EACH END FOR OPENING CYLINDER. REQUIRES INFLATING TUBE FOR USE WITH BALLOON. SHPG. WT: 8 LBS.

M-315 HYDROGEN GENERATOR ONLY..... \$6.95
M-315 " " INFLATING TUBE 1.50
W-147/CRT-3 ANTENNA WIRE; CADMIUM-COPPER ALLOY 16 STRANDS X .040 MAX. DIA. 65 LB. TEST 306 FT. LG. WOUND ON SPOOL 2 1/2 x 2 1/2. SHPG: WT: 1 LB \$2.95

M-308 SIGNAL LAMP LIGHT ASSEMBLY; 24 VOLT LAMP IN BAKELITE BASE WITH CLEAR POLYSTYRENE SHIELD WITH WEB STRAPS FOR STRAPPING TO HEAD. SIZE 3x2 1/2 w/95" CORD FOR PLUGGING INTO TRANS. 4 OZ. \$1.50


M-390 PARACHUTE; YELLOW NYLON 12 FT. DIAMETER, 40 LB. CAPACITY, 16 NYLON SHROUDS 11 FT. LG. USED TO DROP RESCUE TRANSMITTER AND ACCESSORIES. UNUSED, NOT IN DROP PACK. SHPG. WT: 2 \$9.95

T-74/CRT-3 TRANSMITTER WITH ACCESSORIES \$75


TRANSIST CASES

TRANSIST CASES; ALUMINUM USED GOOD CONDITION. MEASUREMENTS ARE GOOD FOR INSIDE.

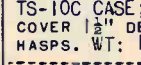
MX-1309 CASE 14 1/2" Hx18 1/2" Lx2 1/2" D. BOTTOM SECTION COVER 1 1/2" DEEP, 1 1/2" COMPARTMENT ACROSS BOTH SEC FITTED WITH FOAM FOR SPEC. USE. HINGED COVER, WITH HASPS. WT: 18 LBS. \$5.00




UPM-19 CASE 1 OF 2; BOTTOM SECTION 11 1/2" Hx15" Lx7 1/2" W, COVER 2" DEEP, WITH HASP FASTENERS. WT: 11 LB. \$5.00



TS-730 CASE; HINGED COVER WITH HASPS. 12 1/2" Hx13 1/2" Wx9 1/2" D, WIDTH LESS 4 GUIDES 10 1/2" DEEP. WT: 10 LB. \$5.00



TS-10C CASE; 10 1/2" Hx15 1/2" Lx6 1/2" D, COVER 1 1/2" DEEP. HINGED COVER AND HASPS. WT: 13 LB. \$5.00



UPM-19 CASE 2 OF 2; BOTTOM SECTION 6 1/2" Hx13" Lx9" W, COVER 3" DEEP WITH HINGED COMPARTMENT 1/2" DEEP, REMOVEABLE TRAY THAT FITS INTO LOWER SEC. 1" AND TOP 2" BOTTOM SECTION HAS 3 COMPARTMENTS 6"-4 1/2"-2 1/2" SPOT WELDED ALSO SOME BRACKETS. HASP FASTENERS. 11 LB. \$5.00

INSULATORS



STAND-OFF
 STK#TM-1016S0; DIA. 1 1/2", 4" LONG, 1/2-20 THREAD, 3/8" MTG. 2 LB. PRICE: \$3.50
 STK.#3G1300-8002; DIA. 1", 5" LONG, 1/2-20 THREAD, 3/8" DEEP. 1LB. \$2.50

STK.#3G1300-128; 1 1/2" DIA, 8" LONG, 1/2-20 THREAD, 3/8" DP. 2 1/2" IN. MTG. 1 1/2 LB. \$3.50

STK.#INS.1014; FEED-THRU 4" LONG 1/2" HOLE, 7/8" DIA. WITH NECK. PRICE: 25¢

STK.#3G2001-6; FEED-THRU 6" IN. 1/2" HOLE, 9/16 DIA. NO NECK. PRICE: 35¢

STK.#INS.#1015; FEED-THRU BRASS BOLT 6 1/2" LONG X 1/2" W/NUTS, SPLIT INSULATOR FOR 3/4" THICK MOUNTING WITH CORK WASHERS, OVERALL LGTH 3 1/2" X 2, WT: 2LB. \$2.50

STK.#3G584 1N-84 FEED-THRU CONICAL SHAPE, 5" LG. O/A; 2 CONICAL SHAPED 1/8" LG. X 1 1/2" DIA. AT BOTTOM, 1" AT TOP, 1/4" DIA. ROD WITH 1/4 20 THREAD WITH NUTS/WASHERS 1/2 LB. 25¢ EA. 5 FOR \$1.00

SIMILAR TO ABOVE CONICAL BOTTOM INS. 3/4 X 3/4 X 1 1/2. TOP 1/2 X 1-1/8 X 1 1/2; 3/16 BOLT 3" LG W/NUTS & WASHERS. 1/4 LB. 35¢ EA. 3 FOR \$1.00
 STK#IN-1017



3G138-20.11 RIGGED CONICAL 2" BASE, 2" TOP, 1 1/2" LONG, PUSH SPRING TYPE BINDING POST ON TOP, WHICH CAN BE REMOVED AND BOLT INSERTED. 1/2 LB. 35¢ 3 FOR \$1.00

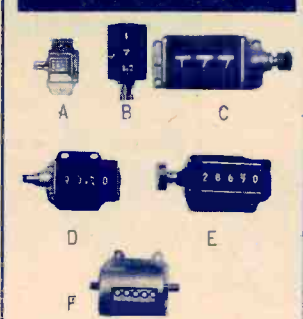
STK.#IN-1018 CONE INSULATOR SIZE 1 X 2 X 5/8, 10/32 SCREWS EA. END. 1/2 LB. 35¢ EA. 3 FOR \$1.00

STK.#CBJ61023 ENTERING INSULATOR, CERAMIC 2 1/2 X 2, CADMIUM PLATED MOUNTING RING 3 1/2" WITH 6 MOUNTING HOLES, GASKET, 4" 1/4-20 THREAD BRASS BOLT WITH NUTS. 1/2BF 39¢ EACH 3 FOR \$1.00

SPREADER INSULATORS
 #IN-1020; 4" LG X 3/4 OIA 2 1/2" HOLE CENTERS. 25¢ EA. 5/\$1
 #IN-1021; 12" LG X 3/4, 10" HOLE CENT. 45¢ 3 FOR \$1.25

ART-13 TRANSMITTER ANTENNA INSULATOR PANEL; 1 EA. 3 1/2 X 4 OBLONG WITH 2 ISOATED SPRING TYPE BINDING POST, ONE/4 X 1 CONICAL INS. WITH PUSH POST AND ONE 3/4 X 1/4 INS. W/ PUSH TYPE BINDING POST. 1LB COMPLETE ASSY. \$1.00

COUNTERS



A. 3 DIGIT COUNTER. 1/8" SHAFT. EACH NUMERAL 1/8 IN. SIZE: 1 1/2 X 1 1/2. STK#CBSH334 \$.75

B. 3 DIGIT COUNTER. FOR VERTICAL MOUNTING. 3/8 IN. GEAR ON SHAFT. EACH NUMERAL 1/8". 1 1/2 X 1 X 1-1/8 STK#CBSH173 \$.79

C. 3 DIGIT COUNTER WITH BEVELED GEAR 2 1/2 X 1 1/2 X 1 1/2. NUMERALS 1 1/2 X 1 IN. STK#CBSH177 \$1.00

D. 3 DIGIT COUNTER W/DIGITS 10THS, ONES, TENS. 100 THS DIGIT REMAINS 0. 1/8 IN. NUMERALS. 2 1/2 X 1 1/2 STK#CBSH9030 \$.75

G. THREE DIGIT COUNTER WITH BEVEL GEAR OPEN FRAME BACK, LEFT DRIVE. SIZE 1 X 3/4 X 3/4, MTG. MASK 1 X 1. STK#G32163 \$.50

F. 5 DIGIT COUNTER W/3/16 IN SHAFT EXTENDING 1/2" AT EACH END. 99999-0. 1/8" DESCENDING ONLY. 1/8" NUMERALS. 1 1/2 X 1 1/2 X 1 1/2 STK#CBSM00000 \$1.00

THREE DIGIT COUNTER, GEAR ON END OF 1/4" SHAFT. 3 X 1 1/2 X 1 1/2; 1LB.#R1X-D \$1.00

THREE DIGIT COUNTER OPEN TYPE, BEVEL GEAR. STK.#773 \$.50

TELEPHONE JACK STRIPS

#4C426-14 TWENTY JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J-2. KELLOG #261 \$2.80
 #4C432-25 TEN JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J-2-1A. \$1.95
 #4C4426.11 TWENTY JACKS 3 CONDUCTOR, CONTACT ARRANGEMENT J-2, NUMBERED 0-19 \$2.50
 #4C4436.92-2 TWENTY JACKS 3 CONDUCTOR, CONTACT ARRANGEMENT J2, NUMBERED 20-39. KELLOG #369 \$2.50
 #4C4692.2 TEN JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J2 WECO #92 TYPE 139 \$1.95



3G1830-67076 ENTERING INSULATOR, BOWL 4-3/8" HIGH, 6 15/16 AT BASE, 1 1/2" ROD 3/8 BRASS WITH NUTS, MOUNTING RING 3 SEC. 8-3/4" DIA. W/ 6- HALF INCH NUTS & BOLTS 2 1/2" LG., BELL CAP 6" DIA. 10 LBS. \$5 EA. 3 FOR \$12.00

MICRO SWITCHES



SPDT; IEA2, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER. 1 1/2" DIA. 1 3/8" HIGH. .30

DPST; 40B10094, NORMALLY OPEN. LARGE, SPRING-LOADED LEVER PLUNGER. 2 1/2" X 1 1/2" X 1 1/2". .60

SPST; WHBT349A-1, NORMALLY OPEN. LEVER PLUNGER. 2" X 1" X 5/8". .30

SPDT Micro V3-54, 1 NO. OP OTHER NO. CL. 125VDC 10A. 125AC. 5/8 X 3/8 X 1-1/8 STK#PS852-V3-54 \$.60

SPDT GE#2332911 1 NO. OPEN 1 NO. CLOSED. 1 1/2 X 1 1/2 X 5/8 STK#PS904G-2332911 \$.60

DPDT; MS25008, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. EXTENDED BUTTON PLUNGER. 2 1/2" X 2" X 1" \$1.50

SPDT; YZ-3RLTC2, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. STRAIGHT LEVER PLUNGER. 2" X 7/8" X 1 1/2". .25

SPST; WZ-RTC2, NORMALLY CLOSED. PIN PLUNGER. 2" X 1 1/2" X 1/2". .35

SPDT; BZ-3R-A2, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER. 2" X 1" X 1 1/2". .30

SPDT; 2MD3-1A, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER. 1 5/8" X 1 1/2" X 1 1/2". .45

SPST; 2MC3-1A, NORMALLY CLOSED. PIN PLUNGER. 1 5/8" X 1 1/2" X 1 1/2". .45

SPST; SW-186, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2" X 1 1/2" X 5/8". .25

SPST; G-RS, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2" X 1 1/2" X 5/8". .40

SPST; MO7-102T, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2" X 1 1/2" X 5/8". .40

SPST; WZ-RS9, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2" X 1 1/2" X 5/8". .40

KNIFE SWITCHES

SWITCH SW-223 DPDT HEAVY DUTY 1" BQ. X 2 1/2" STAND OFFS. 8 X 4 X 3; 5 LB #3ZK8223 \$2.50

SWITCH SW-224; SIMILAR TO THE ABOVE SWITCH, BUT SPST. 8 X 4 X 2; 2 LBS. 2Z8224 \$1.50

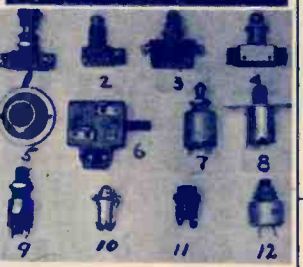
DPST PORCELAIN KNIFE SWITCH BY RODALE 123. 2 1/2" X 1 1/2" X 1 1/2". KNSW04 .35

SPST KNIFE SWITCH. BASE 1 1/2" LONG. 3/4" HIGH. BAKELITE. KNSW01 .25

SPDT KNIFE SWITCH. BASE 1 1/2" LONG. 3/4" HIGH. BAKELITE. KNSW02 .35

DPST KNIFE SWITCH. BASE 1 1/2" LONG. 3/4" HIGH. BAKELITE. KNSW03 .35

PUSH SWITCHES



ONESIDE SPST NORMALLY OPEN, THE OTHER SPST CLOSED. 1A/125. PSW001 .35

SPST NORMALLY OPEN; 3A/250. PSW002 .35

OPST NORMALLY OPEN; 3A/250. PSW003 .35

DPST NORMALLY OPEN; 1A/250. PSW004 .35

SPST GOLD-FINISHED DOORBELL NORMALLY OPEN; 1 5/8" DIA. HARDWARE INCLUDED. PSW005 .35

JPST INTERLOCK, NORMALLY OPEN. (3Z9825/254) PSW006 .35

SPST PULL SWITCH, NORMALLY OPEN. PSW007 .35

SPST NORMALLY CLOSED; CASING AS GROUND; 1/2" SCREWS REQUIRED FOR MOUNT. PSW008 .35

SPST NORMALLY OPEN; .75/125 PSW009 .35

SPST NORMALLY OPEN. PSW010 .35

SPST NORMALLY OPEN. PUSH-IN MOUNT REQUIRES 5/8" HOLE. PSW011 .25

SPST NORMALLY OPEN. 3NC5-5P PSW012 .25

DPDT PUSH-LEVER SWITCH. PSW013 .50

DPST PUSH-LEVER SWITCH. NORMALLY OPEN. PSW014 .50

DPST NORMALLY OPEN. PSW015 .50

FIVE-PUSH SWITCH 2PST NORM. CL. 1PST NORM. OP. 1PDT. 5 X 3 X 1 #PSW5022 \$1.00

SIX-PUSH SWITCH; FIVE ARE SPST NORMALLY OPEN, THE OTHER DPST AND DPDT ON THE OPPOSITE SIDE. 4 1/2" X 2 1/2" PSW017 \$1.00

SPST PUSH-LEVER SWITCH. 3 5/8" X 1 1/2" X 1 1/2". PSW022 .35

SPST NORMALLY CLOSED MICROPHONE SWITCH. COVER AS GROUND, WITH MOUNT. PSW019 .75

SPST NORMALLY OPEN START-STOP DOUBLE SWITCH. #401. PSW020 \$1.00

4PST NORMALLY OPEN SA-26/1 MICROPHONE SWITCH. 1 1/2" DIA. PSW021 \$1.00

EIGHT PUSH SWITCHES DPST NORM. OPEN AUTO RELEASE. PUSH SW. RELEASES ALL SPST NO. CL. 5 X 2 X 1 1/2; #855-151 \$1

CHAFF DISPENSER CONTROL BOX AND 24 VDC 5 DIGIT DECLINING COUNTER 2 DIGITS AT A TIME ALSO 12 POSITION WAFER SWITCH. LESS DIAL LAMPS 5 TOGGLE SWITCH. 6 X 4 X 3; 2 LBS. \$1.95

SWITCHES



AIRCRAFT TYPE SWITCH TWO HOLE MOUNTING FIG. #1

CIR	CON	RATING	NO	PR
SPST NEW	5A/125	B-5A	.25	
SPDT NEW	15/125	B-9-A	.35	

(ABOVE SW. CENTER-OFF)
 SPDT NEW 15/125 3022-7 .35
 (ABOVE SW. CENTER-OFF MOM. B.S)

SPDT NEW 15/125 B-1B .30
 DPST REM 30/125 C-1 .40
 DPDT NEW 30/125 3023-10 .55
 OPDT NEW 30/125 C-3 .75

(ABOVE SW. MOM. BOTH SIDES, CENTER-OFF)
 DPDT NEW 5A/125 SW5125 .65
 (ABOVE SW. CENTER-OFF; HOLE MOUNTING 3/8" DIA.)

3PST NEW 15/125 SW3115 1.25
 (ABOVE SW. MOUNTED ON "ON-OFF" PLATE 2" X 2 7/8";

FOUR 1/8" SCREWS REQUIRED)
 OPDT REM 15/125 ST52P .50
 (ABOVE SW. CENTER-OFF;

IRON CASE MOUNT FOR LINEAR OPERATION 2 1/2" X 1 1/2" X 1 1/2")
 DPDT NEW 15/125 BARKELEW \$2.50

(ABOVE SW. MEASURES 5" X 6 1/2" X 1 1/2"; FOUR SCREW MOUNTS FOR 1/8" SCREWS)

TOGGLE SWITCHES

TOGGLE SWITCHES SINGLE HOLE MOUNTINGS: CONDITION NEW & "REM" RE-MOVED FROM EQUIPMENT, ALL GUARANTEED.

CIR	CON	RATING	NO	PR
SPST REM	6A/125	SW-105	.20	
SPDT REM	15/125	ST42G	.40	

(CENTER-OFF MOM. BOTH SIDES)
 DPST NEW 10/250 8829K4 .50
 (ABOVE SW. MOMENTARY)

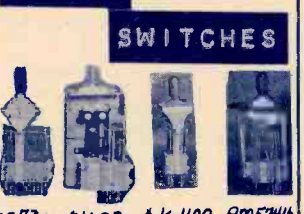
DPST NEW 3A/125 CH7590 .35
 DPST REM 15/125 ST50-K .45
 DPST REM 5A/125 8822K1 .35

DPST REM 10/250 CH3545 .40
 DPDT REM 3A/125 SW3125 .20
 DPDT REM 6A/125 SW6125 .30

DPDT REM 5A/125 ST22R .35
 DPDT REM 15/125 ST52P .40
 (CENTER OFF)

DPDT REM 15/125 ST52N .35
 3PST NEW 15/125 SW3115 1.00
 3PDT REM 10/250 ZA0494 1.00
 4PST REM 10/125 7661K5 1.00

LEVER SWITCHES



1273 *K-22 *K-1100 RM57416

TELEPHONE TYPE LEVER SWITCH
 ONE SIDE; MAKE 11; BREAK 1
 OTHER SIDE; MAKE 6
 #5930-392-1273 \$.40

1 BREAK 2 MAKE BOTH SIDES
 1 SIAE MOMEN.#7806 75¢

1 SIDE 8 BREAK 8 MAKE 4
 MAKE OTHER 1 BREAK
 #SW-BC1323 RE-MOVED 60¢

6 BREAK 6 MAKE #HAC4803 "
 1 SIDE 2 MAKE OTHER SIDE
 2 BREAK 2 MAKE SW-EE-2 35¢

TCK#404 GE#P7763503-2 50¢
 1 SIDE DPDT NC & DPST NO.

PUSH-TO-TEST

PUSH-TO-TEST INDICATORS. DOUBLE LAMP HOLDERS WITH MINIATURE BAYONET BASE. 2 1/2" x 1 1/2" x 3/4". KORRY ST-260 SCREW TERMINALS OR TYPE 260 WITH SOLDER TERMINALS. AVAILABLE WITH THE FOLLOWING INSCRIPTIONS:
 POWER - AIR CONDITIONING-IGNITER - POWER SUPPLIES-ERECTOR - 100% LIQ OXY
 PRICE: \$2.00EA

PUSH-TO-TEST INDICATOR WITH MINIATURE BAYONET SINGLE LAMP HOLDER. 2 1/2" x 1 1/2" x 3/4". KORRY ST-136 SCREW TERMINALS OR TYPE 136 WITH SOLDER TERMINALS. AVAILABLE WITH THE FOLLOWING INSCRIPTIONS:

LOW - OVERLOAD - MALF. - POWER ON
 PRICE: \$1.25EA

PUSH-TO-TEST INDICATOR WITH MINIATURE SCREW BASE. RED 7/16" DIA. SMOOTH JEWEL. 0" TO 1/4" SURFACE CLEARANCE. REQUIRES 3/8" HOLE TO MOUNT. 1 5/8" LONG. USED. VM-500-2 \$.59EA

PUSH-TO-TEST INDICATOR WITH MINIATURE SCREW BASE. 3/8" DIA. CARAMEL-COLOR COVER. 0" TO 1/4" SURFACE CLEARANCE. REQUIRES 11/16" HOLE TO MOUNT. 1 15/16" LONG. NEW. 6210-617-0946 \$.59EA

PUSH-TO-TEST INDICATOR WITH MINIATURE BAYONET DOUBLE LAMP HOLDER. 2 5/8" x 1 1/2" x 5/8" WITHOUT LAMP COVER. COVERS NOT AVAILABLE. NEW. KORRY TYPE 261 WITH SOLDER TERMINALS
 PRICE: \$1.00EA

INDICATOR LIGHT WITH MINIATURE BAYONET DOUBLE LAMP HOLDER. 2 1/2" x 1 1/2" x 3/4". INSCRIBED WITH "CHECK FULL RPM" OR A BLANK. NEW. KORRY TYPE 204 SOLDER TERMINALS.
 PRICE: \$.75



BULLS EYE PILOT LIGHTS

DULL FINISHED BRASS BAYONET BASE, AND 0" TO 1/4" SURFACE CLEARANCE. ALL USED. LESS BULBS. PRICE: \$.39EA
 A. Z26125-22 RED-RIBBED 1" JEWEL. CANDELABRA, DOUBLE CONTACT BASE. 2 1/2" x 1 1/2"
 B. PIL001. 7/16" CLEAR JEWEL. SINGLE CONTACT MINIATURE BASE. 2 1/8" x 7/8"
 C. LH50BR4. 11/16" DIA. RED JEWEL. SINGLE CONTACT MINIATURE BASE. 2 1/8" x 7/8"
 D. LH62BY2. 1/2" DIA. AMBER JEWEL. SINGLE CONTACT MINIATURE BASE. 2 1/2" x 1 1/2"



PILOT LIGHT JEWELS

RED, FACETED, 1/2" DIA. JEWEL. SCREWS INTO 11/16" DIA. HOLE OF DESIRED ASSEMBLY.
 TYPE 81 \$.15 EA.

SMOOTH RED JEWEL 1/2" IN DIAMETER. SCREWS INTO A 3/8" ASSEMBLY.
 SERIES F \$.15 EA

LARGE 5/8" FACETED AMBER JEWEL. SLIPS OVER BRACKET 7/8" IN DIAMETER. HAS ALSO MOUNTING HOLES FOR 3/32" SCREWS.
 Z25368/1 \$.15 EA

3/8" DIA. WHITE SLIP-IN LAMP CAPS FOR SWITCHBOARDS. (NOT PICTURED) SLIPS INTO 3/8" HOLE.
 4C1971 \$.15 EA 100/\$10

SUB-MINIATURE PILOT ASSEMBLY. 5/16" AMBER FACETED JEWEL FIT INTO BRACKET WITH AN OPENING OF 5/16". REQUIRES DOUBLE TERMINAL PLUG-IN OR SOLDER-IN NEON LAMPS. 1" LONG AND 1" HIGH.
 PILO10 \$.15 EA 8/\$1.00



SUB-MINIATURE NEON PILOT LIGHT ASSEMBLY. FLUTED 5/16" DIA. CLEAR JEWEL. BASE IS FEMALE PART FOR A THREE PRONG PLUG WITH 1/16" DIA. HOLES IN ISOSCELES TRIANGLE PATTERN. MOUNTS IN 3/8" HOLE. 0" TO 3/8" SURFACE CLEARANCE. 1 3/8" LONG. INCLUDES BULB. USED. 110V. PIL007 \$.25 5/\$1.00

SINGLE TERMINAL AND CONTACT SUB-MINIATURE DIMMER PILOT LIGHT. MECHANICAL DIMMER VARIES SIZE TO COMPLETE DARKNESS. REQUIRES T-1 1/2 BULB. 5/16" DIA. SMOOTH RED JEWEL. MOUNTS IN 7/16" HOLE. 1 3/8" LONG. LESS BULB. NEW.
 6210-643-4087 \$.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. CLEAR STOPEPIPE, SMOOTH 5/8" DIA. JEWEL. MOUNTS IN 11/16" HOLE. SURFACE CLEARANCE IS 0" TO 3/8 2 1/8" LONG. LESS BULB. USED.
 PIL008 \$.39

ALL PLASTIC PILOT LIGHT. SINGLE CONTACT, MINIATURE SCREW TYPE BASE. RED FLUTED, COVER-LIKE JEWEL 3/4" IN DIAMETER. NEEDS 2" HOLE. SURFACE CLEARANCE OF 0" TO 1/4". THERE IS NO ADJUSTING INSTALLATION DEPTH BY A NUT TWO 3/32" SCREWS ARE NEEDED TO ANCHOR LIGHT. 1 1/2" LONG. LESS BULB. USED.
 PIL009 \$.39



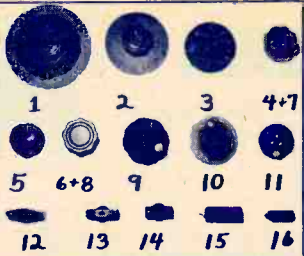
PILOT LIGHT WITH A SINGLE CONTACT, CANDELABRA SCREW BASE. LARGE 1" DIA. RED JEWEL FACETED ONLY AT THE EDGE. REQUIRES 1" HOLE AND HAS SURFACE CLEARANCE OF 0" TO 1/4". 2 3/8" LONG. LESS BULB. UNUSED.
 PIL002 \$.59

PILOT LIGHT WITH SINGLE CONTACT, CANDELABRA SCREW TYPE BASE. 1" DIA. RED-FACETED JEWEL. MOUNTS IN 1" HOLE WITH SURFACE CLEARANCE OF 0" TO 1/4". 2 1/2" LONG. LESS BULB, UNUSED.
 PIL003 \$.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. 1/2" DIA. SMOOTH. GREEN JEWEL. MOUNTS IN 5/8" HOLE WITH A SURFACE CLEARANCE OF 0" TO 1/4". 2 1/16" LONG. LESS BULB, UNUSED.
 PIL004 \$.49

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. 1" DIA. RED, WHITE, OR VIOLET JEWEL. 1 5/16" HOLE REQUIRED; SURFACE CLEARANCE 0" TO 5/8". 2 1/2" LONG. LESS BULB. USED.
 PIL012 \$.35 3/\$1.00

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. 1" DIA. SMOOTH, GREEN JEWEL. MOUNTS IN 1 5/16" HOLE WITH A SURFACE CLEARANCE OF 0" TO 1/4". 2 3/8" LONG. LESS BULB, UNUSED.
 PIL013 \$.49



FLUTED KNOBS

2-3/8" FLUTED KNOB W/3" SKIRT, BRASS INSERT FOR 3/4" SHAFT GR#9682 \$1.00
 2-3/8" FLUTED KNOB W/2-7/8" SEMI SKIRT, INSERT FOR 3/4" SHAFT. GR#9566 \$1.00

1 1/2" DIA. FLUTED KNOB WITH REMOVABLE 3" DIAL WITH MARKING 34L-0-34R. BRASS INSERT FOR 3/16" DIA. SHAFT.
 KNB002 \$.25

1" DIA. FLUTED KNOB WITH NON-LINEAR CALIBRATED DIAL. BRASS INSERT WITH 1/4" DIA. HOLE.
 KNB003 \$.25

1 1/2" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR 1/2" SHAFT.
 KNB004 EA \$.25, 5/\$1.00

1 1/2" DIA. FLUTED KNOB WITH SKIRT AND POINTER. BRASS INSERT FOR 1/2" SHAFT.
 KNB005 \$.25

1 1/2" FLUTED KNOB WITH BRASS INSERT FOR 1/2" SHAFT.
 KNB006 \$.25

1" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR 1/2" SHAFT.
 KNB007 \$.25

1" DIA. FLUTED KNOB WITH BRASS INSERT FOR 1/2" SHAFT.
 KNB008 \$.25

ALL THE ABOVE KNOBS ARE OF SET SCREW TYPE.

SPIN KNOBS

2" DIA. METAL FLUTED SPIN KNOB FOR 5/32" SHAFT.
 KNB009 \$.79

1 1/2" DIA. FLUTED SPIN KNOB WITH CALIBRATED 2 1/2" DIAL, 0-100 IN 360. METAL INSERT FOR 3/8" SHAFT.
 KNB010 \$.59

METAL SPIN KNOB 1 5/8" DIA. TO BE ATTACHED TO ANOTHER KNOB OR DISK BY THREE SCREWS. CONVERTS KNOB TO SPIN KNOB.
 KNB011 \$.20

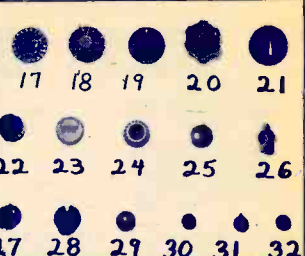
MINIATURE KNOBS

PLASTIC PUSH-ON TYPE KNOB 1/2" DIA. X 1/2" HIGH. FITS 1/4" SHAFT, WITH MODIFICATION.
 KNB029 4/\$.25

METAL KNOB 5/8" DIA. X 1/2" HIGH. FITS 1/8" SHAFT. TWO SET SCREWS.
 KNB030 4/\$.15

BAKELITE KNOB WITH POINTER 5/8" DIA. X 3/8" THICK. FOR 1/2" SHAFT. SET SCREW.
 KNB031 2/\$.25

5/8" DIA. BAKELITE KNOB 3/8" THICK FOR 1/2" SHAFT. SET SCREW TYPE.
 KNB032 2/\$.25



BAR TYPE KNOBS

BAR TYPE BAKELITE KNOB FOR 1/2" SHAFT. 1 1/2" x 3/4" x 5/8". SET SCREW TYPE.
 KNB012 \$.25

BAR TYPE BAKELITE KNOB FOR 1/2" SHAFT WHICH MUST BE TAPED FOR SET SCREW. 1 1/2" x 5/8" x 5/8".
 KNB013 \$.25

RECTANGULAR BAR TYPE BAKELITE KNOB 1 1/2" x 3/4" x 5/8". WITH BRASS INSERT FOR 1/2" SHAFT. SET SCREW TYPE.
 KNB014 \$.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR 1/2" SHAFT TAPED FOR SET SCREW. 2" x 1 1/2" x 3/4".
 KNB015 2/\$.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR 1/8" SHAFT TAPED FOR SET SCREW. 1 1/2" x 5/8" x 1/2".
 KNB016 \$.25

BAKELITE BAR TYPE KNOB 1" x 1/2" x 3/4" ON 1/2" REMOVABLE DIAL FOR 1/2" SHAFT. SET SCREW.
 KNB017 \$.25

1 1/2" DIA. METAL KNOB FOR 1/2" SHAFT WITH TWO SET SCREWS. FINGER GRIP KNOB FOR HEAVY SWITCHING APPLICATIONS.
 KNB018 2/\$.35

1 1/2" DIA. PLASTIC KNOB WITH BRASS INSERT. BAR TYPE FINGER GRIP FOR SWITCHING. USE WITH 1/2" SHAFT.
 KNB019 \$.25

1 1/2" BAKELITE KNOB FOR USE WITH 1/2" SHAFT. USED FOR APPLICATIONS WHERE EXTRA GRIP IS REQUIRED. 1 1/2" HIGH.
 KNB020 \$.25EA. 5/\$1.00

3/4" RIBBED KNOB 7/8" DEEP 1" SKIRT FOR 1/2" SHAFT DULL BLK. KNB7820 35¢

5/8" x 3/4" SAME AS ABOVE RIBBED BLK. KNB1261 20¢

BAKELITE INSTRUMENT KNOB 1" DIA. 1" HIGH. BRASS INSERT FOR 1/2" SHAFT AND SET SCREW.
 KNB022 \$.25

1 1/2" KNOB MARKED "INCREASED OUTPUT". 1/2" HOLE WITH SET SCREW. 1/2" THICK, METAL.
 KNB023 \$.25

1 1/2" PUSH-ON KNOB FOR 1/2" SHAFT, MODIFICATION, BROWN
 KNB024 2/\$.25

BROWN BAKELITE 1" DIA. KNOB KURLED SHAFT OF 1/2". 1/2" HIGH.
 KNB025 2/\$.25

BAKELITE POINTER KNOB WITH BRASS INSERT FOR 1/2" SHAFT. 1 1/2" x 1 1/2" x 3/4".
 KNB026 \$.25

FLUTED KNOB W/POINTER AND SKIRT FITS 1/2" SHAFT. 1 1/8" DIA. 1/2" THICK.
 KNB027 \$.25

1 1/2" DIA. KNOTCHED KNOB WITH BRASS INSERT FITS 1/2" SHAFT. SET SCREW TYPE. 1 1/2" HIGH.
 KNB028 3/\$.25

MINIATURE LAMPS

STK#	TYPE	V.	A.	BASE	BULB	EA.	PKG.	10
225950	LM-50	2	.25	min	sc G-6	.20		.75
225950	511	2	.25	min	sc G-6	.20		.75
68521	LM-21	110	400	MED.	sc G-30	.50		4.00
(LM-21 P/O SIGNAL LAMP EQUIPMENT EE-80)								
6240-6594	LM-41	110	6W	CAN	sc #B	.20		1.50
225877-29		6.8	.25	CAN-	sc G-6	.20		.75
225878	43	2.5	.5	min	bay T-3 1/2	.20		.75
8870-775		150		CAN/SC	6S6 CL	.20		1.00
225954	LM-54	105-125		LEADS	T-2	.20		.75
6240-155		-7866	356	28	.17 min bay T-3 1/2	.20		.75
6240-153		-6509	1826	18	.15 min bay T-3 1/2	.25		1.00
626812-5	LM-45	12-16	.61	CAN/BAY	G-6	.20		.75
6240-7125	S-14	55	5W	MED	sc S-14	.25		2.00
DE EVRY494	(RED)	125	25W	CAN	sc T-6	.25		2.00
225889-11	NE-26	115v.		cand	bay G-6	.35		3.00
626812-5	LM-44	6-8v.		dc	bay G-6	.20		.75
PC90615C		12		MIN	sc G-3 1/2	.15		.75
6240-408		-3394	3S6/5	115v.	dc bay T-4 1/2	.25		1.75
502	5	.15	#4F	cell	min sc	.20		.75
626812-6	STANDARD LAMP	12 VOLT	FROSTED			.35		3.00
225938	PR-10	6	.5	#5D	cell min bay	.20		.75
	NE-15			min	bay	.25		2.00
225891	NE-34	105-125	2W	MIN	sc S-14	.50		4.00
(NE-34 STRIKING V. 60 AC TO 85DC INT. RES. 3500)								
626827	LM-30	27	1	CAND	BAY T-8	.20		1.00
	NE-2	1/17	amp	2F	slide base	.10		.75
405491-K1				K1	slide base	.10		.75

SPECIAL PURCHASE



BC-221 FREQUENCY METER IS A PRECISION INSTRUMENT DESIGNED TO MEASURE R.F. IN THE 125 TO 20,000 KC RANGE. WITH A NORMAL ACCURACY OF LESS THAN 2%. CONTAINS A 1000 KC OSCILLATOR CIRCUIT FOR CALIBRATING THE UNIT AT DIFFERENT POINTS. CAN ALSO BE USED AS A SIGNAL GENERATOR AND VARIABLE FREQ. OSCILLATOR.

115 v. 60 CYCLE POWER SUPPLIES AS RECEIVED FROM MANUFACTURER WHO USED THEM ON THE TEST LINE. SHPG. WT: 25 LBS. NOT CHECKED \$70.00

POWER METER

TS-125/UP POWER METER PORTABLE GENERAL PURPOSE, BATTERY OPERATED INSTRUMENT USED TO MEASURE RADIO FREQUENCY POWER IN THE 2400 TO 3335 MEGACYCLE RANGE, CONTINUOUS WAVE OR PULSE. TWO SCALES ONE IN MILLIWATTS, OTHER IN DECIBELS ABOVE AND BELOW ONE MILLIWATT. POWER RANGE 0-2/4 MILLIWATTS W/ATTENUATORS ABOVE WITH PICK-UP ANT. BATT. REQ. 4.5VDC. SIZE: 10x8x5 1/2; WT: 14 LBS. USED \$25.00



IP-291/MPA-4- INDICATOR ELEVATION; CONSISTS OF AM-1078A/M AMPLIFIER-VIDEO & O-298/MPA-4 GENERATOR SWEEP WITH CR TUBE 5ADP1, 2/6AG7, 3/5814, 2/6AH6, 6AL5, 6AU6, 5670 & 5687. CONTROLS ON FRONT PANEL WHICH IS SLANTED, SWEEP LIGHT, INTENSITY, FOCUS AND IMAGE SPACING OFF-NOR-SEL/SIG. ALSO HAVE 2/23TR4 SYNCHRO RECEIVERS THAT OPERATE FROM 115 V. 400 CY NO POWER SUPPLY OF ANY KIND IN UNIT, NO CASE SIZE: 8 1/2 WX 14 D PANEL, LENGTH TOP 22 1/2, BOTTOM 23 1/2; WT: 35 LBS.

PRICE: UNUSED LESS SYNCHRO'S \$19.95

ANALYZER

ANALYZER SELSYN ZEROING MODEL "B" USED WITH GENERAL ELECTRIC 2J SERIES UNITS. FOUR INCH METER WITH AC SCALES OF 0/3/30/300/600 VOLT 400 CYCLE, DC SCALE 0/50/500 VOLTS D.C. RESISTANCE SCALE 0/1000 10,000/1 MEG. OHMS. ELEVEN POSITION METERING SWITCH AND 4 TERMINALS FOR TEST LEADS. PORTABLE CASE. SIZE: 8x13x5; WT: 10 LBS.



PRICE: WITH TEST LEADS & CAPS FOR SELSYNS \$15.00 LESS THESE ITEMS \$10.00

TUBE TESTERS



VACUUM TUBE BRIDGE TAFFET #T-310-6559 SIMILAR TO GR#561-D. MAKES POSSIBLE THE MEASUREMENT OF THE LOW FREQ. DYNAMIC COEFFICIENTS OF VACUUM TUBES & TRANSISTORS OVER A WIDE RANGE OF VALUES UNDER A VARIETY OF OPERATING CONDITIONS. ALSO CAN BE USED IN THE LAB. FOR STUDYING THE BEHAVIOR OF TUBES AND TRANSISTORS IN UNCONVENTIONAL CIRCUITS. WITH ADAPTER (10) SOCKET AND PATCH CORDS FOR VARIOUS TESTS EXTERNAL VOLTAGES ARE REQ. FOR THE DEVICE UNDER TEST. SIZE: 19x16x10; WT: 45 LBS. PRICE: USED \$29.50



TS-35/AP SIGNAL GENERATOR USED FOR THE TESTING AND GENERAL MAINTENANCE OF RADAR EQUIP. PRODUCES SIGNALS, CW OR PULSED AND INTERNALLY OR EXTERNALLY SYNCHRONIZED, OF KNOWN FREQUENCY AND POWER. USED TO MEASURE THE FREQUENCY AND AVERAGE POWER OF RADAR TRANSMIT SIGNALS, AND TO PRODUCE FM SIGNALS FOR DETECTION OF DEFECTS IN RADAR EQUIP. WILL MEASURE SIGNAL TO NOISE RATIO TRANSMIT RECEIVE RECOVERY TIME, FREQUENCY PULLING, AFC OPERATION AND BANDWIDTH. FREQUENCY RANGE 8700-9500 MC POWER SUPPLY 115V±10% 50-1200 cyc. SIZE: 9x9x14, WT: 35 LBS. PRICE: USED \$39.95



RA-133 POWER SUPPLY; VOLTAGE REGULATED FOR BC-221, TS-175 AND SIMILAR TYPE FREQ. METER INPUT 115/230 V. 50/60 CYCLE OUTPUT 125 VDC & 6.3 VAC. FITS IN BATTERY COMPARTMENT. SIZE: 8 1/2 x 4 1/2 x 7; WT: 10 LB. USED \$24.95

PORTABLE A.C. VOLTMETER THERMO-COUPLE TYPE, TRIPLET MODEL 645 MIRROR SCALE 0-150 VOLT. LEATHER CARRYING HANDLE AND HINGE DOOR FOR METER GLASS PROTECTION. 4 1/2" SCALE, OVERALL SIZE 5 1/2 x 6 x 2 1/2; WT: 4 LBS. #5845-041-0718 \$15.00



VOLTMETER



THERMO-COUPLE VOLTMETER SENSITIVE RESEARCH INSTRUMENT MODEL A D'ARSONVAL DESIGN, ACCURACY .5 OF 1% (IN PERCENTAGE OF FULL SCALE) TEMPERATURE COMPENSATED. FREQUENCY RANGE 7 TO 5000 CYCLE IMPEDANCE 500 OHMS PER VOLT ALL FREQUENCIES, FULL SCALE CURRENT 2 MILLIAMPS. METER SCALE 0-7.5/30/75/150, LARGE 6" MIRROR SCALE METER IN WOOD CASE. SIZE: 7 1/2 x 7 1/2 x 5; WT: 10 LBS. PRICE: USED, \$75.00

GENERAL RADIO VTVM



GENERAL RADIO VACUUM TUBE VOLT METER MODEL 726A. WIDE RANGE A.C. VTVM HIGH IMPEDANCE AND STABILITY FOR USE IN AUDIO AND R.F. WORK, 20 CPS. TO 50 MC. 2% ACCURACY OVER THE ENTIRE RANGE. A.C. VOLTAGE RANGE .1 TO 150 IN FIVE BANDS WITH SPECIAL TEST PROBE. VOLTAGE REQUIRED 110-130 60CY SLANTED FRONT FOR EASY VIEWING. SIZE: 9 1/2 x 14 x 8; WT: 45 LBS. PRICE: USED CHECKED \$45.00

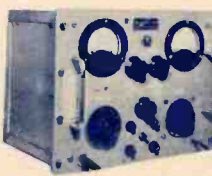
TS-352 MULTIMETER; PORTABLE GENERAL PURPOSE UNIT WITH A 4" 50 MICR AMP METER. FREQUENCY RANGE 25 TO 5000 CYCLES PS. USEFULL TO 20M. ACV RANGE: 0-2.5/10/50/250/500/1000 DCV " SAME AS ABOVE ALSO 5000 V USING INTERNAL MULTIPLIER DCV RANGE: 0-.25/2.5/10/50/100/500 2500/10000 MILLIAMPS. RESISTANCE RANGE: 0-1000/10M/100M/1000M/10000M OHMS. SENSITIVITY 1000 OHMS PER VOLT FOR AC RANGES 1000 OR 20 000 " " " DC " " " SIZE: 15x11x10; WT: 23 LBS. PRICE: USED \$39.95



COMPARATOR



CM-167/U SIGNAL COMPARATOR MIXES TWO FREQUENCIES AND DELIVERS AN OUTPUT PROPORTIONATE TO THE DIFFERENCE OF THE TWO INPUT SIGNALS. WHEN USED WITH A STRIP CHART RECORDER IT WILL COMPARE 2 ALMOST EQUAL FREQ. STANDARDS WHOSE FREQ. ARE EITHER 100 KC OR 1 MC. THIS WILL BE RECORDED AS A SINE WAVE. USES 4 IN281 DIODES IN A FULL BRIDGE CIRCUIT ALONG WITH RESISTORS, CONDENSERS, TRANSFORMERS ETC. INPUT IMPEDANCE 50 TO 5000 OHMS, INPUT COAX. CONN. BCN. SIZE: 5 1/2 x 3 1/2 x 3 1/2; 4 LB. NEW \$4.95



TS-730 SUMMATION BRIDGE WATTMETER USED TO MEASURE R.F. OUTPUT IN THE 1000 TO 4000 MC RANGE. EMPLOYS A DIRECT READING CIRCUIT IN WHICH A BOLOMETER ACTS AS ONE ARM OF A D.C. WHEATSTONE BRIDGE AT THE SAME TIME PROVIDING THE CORRECT RESISTIVITY TERM INATION FOR RADIO FREQ. POWER ENTERING THE WATTMETER. POWER INPUT 5 MW TO 5 WATTS. INPUT IMPEDANCE 50 OHMS. METERS 3 1/2" 0-50 RELATIVE POWER AND CENTER SCALE BALANCE. WITH TUBES 2/5651, 6AU6, 6AS7G & 5Y3GT. POWER REQ. 115 V. 50-1600 CYCLE. SIZE: 13x14x11; WT: 19 LBS. PRICES: LESS ATTENUATOR KIT BUT AS ILLUSTRATED LESS CARRYING CASE \$14.95 WITH ATTENUATOR KIT AND CARRYING CASE 35.00

SIGNAL GENERATOR



TS-497A/URR SIGNAL GENERATOR 2 TO 400 MC SIMILAR TO MEASUREMENTS 80 SIX BANDS, .5% ACCURATE CONTINUOUSLY VARIABLE FROM .1 TO 100,000 MICROVOLTS, 50 OHM OUTPUT IMPEDANCE, SINE WAVE MODULATION CONTINUOUSLY VARIABLE 0-30 PERCENT AND IS DIRECTLY INDICATED ON THE PERCENT MODULATION METER, INTERNAL MODULATION 400 OR 1000 CYCLE, EXTERNAL 50 TO 10,000 CYC AMPLITUDE AND PULSED CARRIER OUTPUT. VOLTAGE REQUIRED 117 VOLT 50/60 CYCLE. PORTABLE UNIT WITH REMOVEABLE COVER. SIZE: 9 1/2 x 19 1/2 x 10 1/2; WT: 48 SHPG. 65 LBS.

PRICE: USED CHECKED FOR OPERATION \$195.00



GENERAL RADIO SIGNAL GENERATOR MODEL 1021 250-920 MC IN ONE BAND, DIRECT READING CALIBRATION 1%, OUTPUT VOLTAGE CONT. ADJ. .5 TO 1 VOL OPEN CIRCUIT. OUTPUT IMP. 50 OHMS 10%, AMPLITUDE MOD. ADJ. 0 -50%, ENV. DIST. LESS THAN 5% AT 50% MOD. CARRIER NOISE LEVEL .2% MOD. STRAY FIELD LEAKAGE AND RESIDUAL OUTPUT VOLTAGE CANNOT BE DETECTED WITH A REC. HAVE 2-3 MV SENSITIVITY. POWER REQUIRED 115/230 VOLT 50/60 CYCLE. SIZE: 20 1/2 x 14 1/2 x 10 1/2; WT: 40 LBS. COND. USED. PRICE: \$195.00 CHECKED FOR OPERATION \$25 EXTRA

ME-60/U V.T.V.M.



ME-60/U ELECTRONIC MULTIMETER THIS IS A HIGHLY SENSITIVE VTVM WHICH ACCURATELY MEASURES AC VOLTAGES FROM 500 MICROVOLTS TO 500 VOLTS IN SIX RANGES OVER THE FREQ. RANGE OF 15 CYCLES TO 250 KC PER SEC. THE DECIBEL RANGE IS -5 TO -17, A JACK IS PROVIDED TO INSERT PHONE PLUG SO UNIT CAN BE USED AS A FLAT WIDE-BAND AMPLIFIER. MAX. VOLT GAIN APPROX. 4500, RECT. APPROX. 250 VDC. TUBES 5879, 5726, 0A2, 2A12 & 2/6AH6, VOLTAGE REQ. 117 V. 50-400 CYCLE. ACCURACY 3% SIZE: 5 1/2 x 6 1/2 x 1 1/2; WT: 12 LBS. USED \$29.95

SONAR



RT-200/AGS-4 SONAR RECEIVER-TRANSMITTER 20, 21 AND 22 KC APPROX. 150 TO 200 WATTS USES 2/829B TUBES PUSH-PULL, 2/6BE6, 2/12AU7, 1/6AG7, 2/0A2, 4/12AU7, 2/6BA6, 1/6AT6 & 6BF6 VOLTAGES REQUIRED 28 VDC, 630 VDC 500 MA, SIZE: 17 1/2 x 9 x 7; WT: 28 LBS. PRICE USED \$39.50

COMPUTER



B-29 COMPUTER TESTER USED TO CHECK THE FIRE CONTROL SYS. THIS UNIT CONTAINS A VOLT-OHM METER WITH ONE OHM RANGE 300 OHM CENTER SCALE, AC; 3, 30, 150, 300. DC: 3, 30, 150. MILLIAMPMETER 2.5 MA AND 25 MA, 2/2J1F1 400CYC SELSYN 1/2J1H1 SELSYN 400CYCLE WHICH WILL OPERATE ON 36V 60CYC. 11/WAFER SWITCHES 6/ POTENTIOMETERS, 8/TOGGLE SWITCHES, 1/FIVE PUSHBUTTON SWITCH, PLUS OTHER PARTS ALL IN A 19x12x16 1/2 IN LUGGAGE STYLE CASE WITH 4 FIVE FOOT CABLES AND CONNECTORS. SH. WT. 50 LBS. PRICE, LIKE NEW \$22.50

R-425B/ARW-59 RECEIVER USED IN PILOT LESS AIR CRAFT IN THE 406 - 420 MC. F.M. BAND, 15 CHAN NELS WITH A RESULANT AUDIO TONE OUTPUT IN THE FREQ. RANGE OF 7.5 TO 22.17 K.C. SENSITIVITY 5 MICROVOLTS WITH TUBES 8/5840, 5/5702, 6/5718, 2/5647, 1/5639 ALSO 2 CRYSTALS, 24 VDC BLOWER AND DYN. 24 VDC 2.3 A. OUTPUT 128 V. 205 MA. SIZE: 8x8x6; WT: 10 LBS. USED \$14.95

AUTOMOTIVE

STARTER - REGULATOR

VOLTMETER-AMMETER FOR TESTING BATTERY STARTER AND REGULATOR MODEL# 307-A

VOLTMETER HAS 3 SCALES 0-9, 0-18 AND 0-45 VOLTS D.C.

SPECIAL SELECTOR SWITCH FOR MAKING RESISTANCE TESTS USING THE 9/10 SC. AMMETER SCALE MINUS 10-0-100 AMPERE THROUGH A BUILT-IN SHUNT CONNECTED IN THE TEST LEADS.

LOAD SWITCH IS USED TO CONNECT THE LOAD IN OR OUT OF THE CIRCUIT.

LOAD CONTROL CONSISTS OF VARIABLE PILE PLATES WHICH BY COMPRESSION PUTS A LOAD ON THE OUTPUT OF THE GENERATOR-STARTER CIRCUIT.

A FIELD RHEOSTAT IS USED TO CONTROL THE GENERATOR FIELD CIRCUIT FOR CERTAIN TYPE UNITS. TWO LARGE 4 1/2" METERS WITH 2% ACCURACY, 500 MICROAMP. MOVEMENTS, CHROME AND SATIN FINISH.

WITH TEST LEADS AND INSTRUCTIONS. SIZE: 13x5x5; WT: 13 LBS. PRICE: \$29.50



AMPS.-VOLTS-REGULATOR

AMPS.-VOLTS-REGULATOR TESTER WITH POINTS RESISTANCE CHECK MODEL#322
LARGE 4 1/2" METER 500 MICROAMP MOVEMENT BLACK AND SILVER SATIN FINISH. VOLT SCALE 0-18 VDC WITH SPECIAL BUTTON FOR READING 0-1.8 V. D.C AMPERE SCAL 0-60. TEST SELECTOR SWITCH FOR EACH READING. SEPARATE CABLES FOR VOLTS, AMPS. & RESISTANCE READINGS. METER SCALE IS MARKED FOR PTS, CRK, COIL AND REG TESTS. FACE OF UNIT IS POLISHED CHROME AND BLACK SATIN FINISH. COMPLETE WITH INSTRUCTIONS FOR MAKING THE VARIOUS CHECKS. MFG. MAQUETTE. SIZE: 10x6x4; WT: 8 LBS. PRICE: \$14.95



COIL - CONDENSER TESTER

COMBINATION COIL AND CONDENSER TESTER WITH OHMMETER MODEL#332.

DESIGNED TO MAKE COMPLETE ANALYSIS OF COILS AND CONDENSERS IN AUTOMOBILE ENGINES USING FACTORY STANDARDS AND TEST METHODS.

PRECISION VIBRATOR APPLIES THE NORMAL CURRENT TO THE COIL AT THE PROPER DWELL. ANY BREAKDOWN OF THE OF THE INSULATION IS SHOWN ON THE METER BY IRREGULAR OR LOW READING AN ELECTRONIC CIRCUIT CHECKS CONDENSERS FOR ACTUAL CAPACITY, LEAKAGE SERIES RESISTANCE. THE LAST TWO

TESTS WILL INDICATE CONDENSERS THAT WILL NEED REPLACING. A 100,000 OHMMETER RANGE IS ALSO PROVIDED ON THE 4 1/2" CHROME AND SATIN FINISHED METER THAT HAS A LABORATORY ACCURACY OF WITHIN 2%. UNIT OPERATES FROM 6/12 VDC, WITH TUBES 1/0A2 1/12AU7 & 1/6X4 ALSO TEST LEADS, w/INSTRUCTIC CABINET SIZE 14x5x6; WT: 10 LBS. PRICE: \$19.95



IGNITION - TESTER

METER IGNITION TESTER MODEL# 327
LARGE 4 1/2" METER WITH 500 MICROAMP 0-30 SCALE ALSO MARKED LOW, AVERAGE FOR CHECKING IGNITION SYSTEMS. SELECTOR SWITCH FOR CURRENT AND VOLTAGE READINGS ALSO TEST LEADS. WITH OPERATING INSTRUCTIONS. CHROME MIRRORRED FACE WITH BLACK AND GREY SATIN FINISH. THIS EQUIPMENT IS KNOWN AS THE CHROME-LINE OF HEYER-MARQUETTE. SIZE: 11x6x4; WT: 8 LBS. PRICE: \$14.95



BATTERY ANALYZER

HEYER 12 VOLT OVER-ALL BATTERY ANALYZER MODEL 12 BT

FOUR STEP BATTERY ANALYZER WITH LARGE 4 1/2" METER AND HEAVY CABLES WITH SURE-GRIP CLAMPS. BATTERY SIZE ADJUSTMENT SWITCH FOR SMALL 30-40 APH, MEDIUM 50-60 APH AND LARGE 70-80 APH BATT. BATTERY LOAD SWITCH, BATTERY CHARGE SWITCH & BATTERY CONDITION SWITCH FOR MAKING THE REQUIRED TESTS WHICH IS INTERPERTED ON THE APPROPRIATE SCALE OF THE METER SIZE: 11x6x6; WT: 12 LBS. w/INSTR. PRICE: \$19.95



VACUUM CONTROL

PRECISION VACUUM CONTROL #348

DESIGNED TO CHECK AND ADJUST DISTRIBUTOR VACUUM ADVANCE ON THE CAR WHEN USED WITH ELECTRONIC IGNITION ANALYZER. CAN ALSO BE USED TO DETERMINE ENGINE PERFORMANCE BY VACUUM READINGS AND GAUGE READINGS REFLECTING ON ENGINE OPERATING CONDITIONS. DISTRIBUTOR AND MANIFOLD VACUUM CONTROLS ARE PROVIDED WITH SELECTOR SWITCH.

THE 3" GAUGE READS IN INCHES OF MERCURY AND THE CONCENTRIC SCALE READS 0-10 ON THE FIRST REVELOUTION AND FROM 10-24 INCHES OF VACUUM ON THE SECOND. ZERO ADJUSTING CONTROL PROVIDED. ALSO TEST LEADS AND INSTRUCTIONS. SIZE: 13x5x5; WT: 5 LBS. PRICE: \$14.95



TACHOMETER - VOLTMETER

DYNA-VISION ACCESSORY UNIT#337 COMBINATION TACH-VOLTMETER.

TACH RANGES 0-1000 AND 0-5000 R.P.M. VOLT RANGE 0-18 VDC. USED FOR CHECKING R.P.M. AND LOW VOLTAGE CIRCUIT OF AUTO ENGINES, ALSO PROVISIONS FOR PLUGGING IN TIMING LIGHT. METER IS 4 1/2" CHROME AND SATIN FINISH WITH 500 MICROAMP. MOVEMENT.

OPERATES FROM 6/12 VDC WITH TUBES 1/0A-2 & 1/2D21. SIZE: 13x5x5; WT: 8 LBS. PRICE: \$19.95



BATTERY TESTER

ATLAS SAFETY-CHARGE BATTERY TESTER MODEL PSC-1-TRG, FOR 6 OR 12 VOLTS.

LARGE 4" METER FOR EASY READING OF BATTERY CONDITION, SHOWS IF BATT. IS SERVICEABLE, NEEDS RE-CHARGING OR REPLACEMENT ALSO INDICATES CHARGING VOLTAGE, LOW, NORMAL OR HIGH. THIRTY SIX INCH CABLE AND TEST PROBE FOR CHECKING EACH CELL. RUGGEDIZED PLASTIC METER CASE AND UNBREAKABLE PLASTIC METER FACE. SIZE: 4 1/2x4x3; WT: 3LBS. w/INSTRUCTIO PRICE: \$4.95



BATTERY TESTER

HEYER MODEL WT-101

WAREHOUSE BATTERY TESTER FOR CHECKING CELLS UNDER LOAD. SIX OR 12 VOLT BATTERIES. INDICATOR LIGHTS FOR OCV TEST AND LOAD TEST FOR 6 VOLT, 12 VOLT LIGHT DRAIN, 12 VOLT HEAVY SUR-GRIP DRAIN. HEAVY SUR-GRIP CLAMPS AND INDIVIDUAL CELL PROD. LARGE 4 1/2" METER AND HANGERS FOR WALL MOUNTING. SIZE: 15x10x7; WT: 15 LBS. \$19.95



COMPRESSION

COMPRESSION TESTER ADAPTER GAUGE NO. 1949 WITH LARGE 2 1/2" BRASS CASE, 0-300 LB PRESSURE, BRASS FITTINGS. 3 LBS. \$5.95



TRANSCEIVER



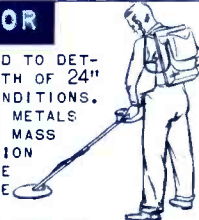
BC-645/ABA-1 TRANSCEIVER ARMY-NAVY-AIR FORCE TRANSPONDER USED FOR FRIEND OR FOE IDENTIFICATION IN THE 460-490 MC BAND. COMPLETE WITH TUBES 4/7F7, 4/7H7, 2/7E6, 2/6F6, 2/955 & 1/316. SIZE: 11x6 1/2x14; WT: 20 LBS.

BC-645/ABA-1 RECEIVER-TRANSMITTER N \$16.95
MOUNTING FOR " " 1.50
BC-646 CONTROL BOX 1.95
MOUNTING FOR BC-646 CONTROL BOX. 1.00
PE-101 DYNAMOTOR 12/13-24/26 VDC; 12.6/6.3 AMPS. OUTPUT 400 VDC @ 135 MA 800 VDC @ 20 MA. 9V 80CYC. 1.12A. SIZE: 14x7x5; WT: 13 LBS. NEW 7.95
UHF ANTENNAS 2 PER SET 1.95
PLUGS COMPLETE SET \$4.95 INDIVIDUAL 1.50
COMPLETE SET OF ALL ITEMS DESCRIBED ABOVE ALL BRAND NEW \$29.95

THOUSANDS OF THESE SETS HAVE BEEN SOLD FOR COMVERSION TO THE 460-470 & 470-500 MC BANDS.

MINE DETECTOR

SCR-625 MINE DETECTOR: USED TO DETECT BURIED MINES TO A DEPTH OF 24" DEPENDING ON THE GROUND CONDITIONS. CAN ALSO BE USED TO DETECT METALS OF ANY KINDS PROVIDING THE MASS IS MORE THAN 3" LG. DETECTION IS NOTED BY A AUDIABLE TONE OR VISUAL INDICATION ON THE METER, DEPENDING ON THE



TYPE UNIT AVAILABLE AT THE TIME OF SHIPPING. REQUIRES 2 STANDARD 1 1/2 V. BATT. AND EVEREADY W-361. UNIT IS SHIPPED IN CARRING CASE WT: 75 LBS. (USED CHECKED.) PRICE: LESS BATTERIES \$39.95 w/BATTER \$44.95

RDR NAVY RADIO RECEIVER



225 TO 390 MC. CRYSTAL CONTROL ON ANY 10 PRE-SET CHANNELS WHICH ARE MANUALLY SELECTED FROM THE SET OR CAN BE ELECTRICALLY SELECTED FROM A REMOTE POSITION BY USE OF THE MOTOR DRIVEN SELECTOR. WITH TUBES 1/9003, 1/6A5, 1/6J6, 4/12SG7, 2/12H6, 2/6C4, 1/12SL7, 1/6AG7 & 1/12A6. POWER REQUIRED 12 VOLT D.C. SIZE: 21x16x9; WT: 45 LBS. RDR CRV-46283 New \$39.50 MANUAL ... \$5.00

AUTOMOTIVE

MOTOR EX-RAY IGNITION OSCILLOSCOPE HEYER MODEL 326-A 115 VOLT 60 CYC USED TO GIVE A VISUAL INDICATION OF THE PERFORMANCE OF SPARK



PLUGS, COIL AND DISTRIBUTOR OR ON A 3" CATHODE RAY TUBE #SG-2732. SELECTOR SWITCH FOR 16 KV & 32 KV PATTERN CONTROL KNOB AT HANDLE. 9' 3 PRONG LINE CORD, 5' TEST LEADS. SOLD AS USED, LESS CR TUBE SG-2732 AND NO GUARANTEE AS TO OPERATION. (DO NOT KNOW SUB) SIZE: 13x6x4 LESS HANDLE. WT: 8 LBS. PRICE: \$5.95

DYNA-VISION ACCESSORY UNIT HEYER 336



TWO 4 1/2" METER 500 MICROAMP MOVEMENT. TOP METER IS FOR CHECKING VOLTS-RPM WITH SELECTOR SWITCH FOR THE 3 SCALES 0-18, 0-1000 & 0-5000. LOWER METER IS FOR SPARK ADVANCE ALSO HAS SELECTOR SW. AND PLUG FOR TRANSDUCER PICK-UP. USES TUBES 6AL5, 6AU6, 5696, 2D21 AND 2/0A2. SIZE: 13x5x5; WT: 13 LBS. SOLD AS USED, NO GUARANTEE AS TO OPERATION FOR IT'S INTENDED USE. PRICE: WITH TUBES \$13.95 LESS TUBES \$9.95



WINCO AMMETER; BRASS CASE, CHROMED, 2 1/2" RD. SCALE 100-50-0-50-100 #AA-301BL \$1.95
SPARTON HORN; 12 V.D.C HIGH PITCH, MODEL SA OEM PART NO. S-34. 5 1/2x6 1/2x2 1/2; 3LB. \$1.75

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MARKET ST.
PUBLIC SQUARE
NORTH MAIN ST
PENNSYLVANIA R R
BELLEFONTAINE AVE
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LINDEN WOOD ST
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AN/FGC-5 TELEGRAPH TERMINAL SET

AN/FGC-5 TELEGRAPH TERMINAL SET IS A COMPLETE SEND-RECEIVE ELECTRONIC TIME-DIVISION MULTIPLEX TELEGRAPH TERMINAL FOR TWO, THREE OR FOUR START STOP TELEGRAPH CIRCUITS. THE SYSTEM CAN BE OPERATED FROM 115/230 VOLT 50/60 CYCLE AND COMES IN 2 CABINETS OA-150 FOR THE RECEIVING GROUP (SHOWN TO THE RIGHT) AND OA-151 FOR THE TRANSMITTING GROUP. (NOT SHOWN BUT THE CABINETS ARE THE SAME) THE OA-150 RECEIVER GROUP CABINET CONTAINS ONE EACH OF OS-11, C-621, O-100, TT-64, PP-484 AND 4/CV-94 PLUS THE CONNECTING CABLES ETC. THE OA-151 TRANSMITTER GROUP CABINET CONTAINS ONE EACH OS-11, C-620, O-101, TT-58, PP-484 AND 4/CV-81 PLUS CABLES & PLUGS ETC.

CABINETS AND UNITS ARE DESCRIBED ON THIS PAGE ALL EQUIP. IS IN USED SERVICEABLE CONDITION.

SHIPPING WEIGHT EACH UNIT APPROX. 700 LBS.
OA-150/FGC-5 RECEIVER GROUP \$195.00
OA-151/FGC-5 TRANSMITTER GROUP \$195.00

CV-94/FGC-5 TELEGRAPH CODE CONVERTER, RECEIVING GROUP ACCEPTS THE SIGNAL CODE COMBINATION, MOMENTARILY STORES AND GENERATES THE PROPER SIGNAL TO BE SENT ON TO THE START-STOP CIRCUIT, INCLUDES 6 INPUT SIGNAL LAMPS, MONITOR SELECTOR, OUTPUT JACKS FOR MONITOR SCOPE TRIGGER & PRINTER, 3 1/2" METER 100-0-100 MA DC w/ TUBES 9/12AU7, 3/12AT7 & 13/5663 & MERCURY RELAY. RACK MTG. 19x7x13; WT: 22 LBS USED \$16.95

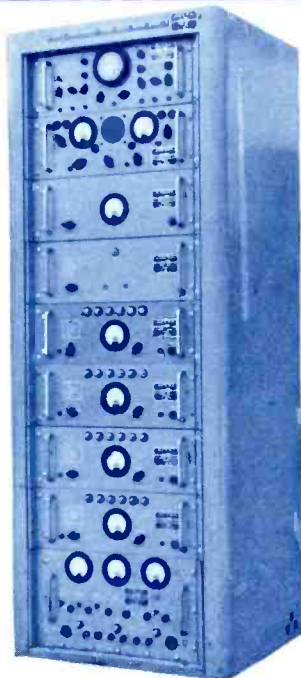
TT-64/FGC-5 RECEIVING SIGNAL DISTRIBUTOR ACCEPTS THE AMPLIFIED MULTIPLEX SIGNAL FROM THE CONTROL MONITOR, DETECTS THE PATTERN, INVERTS TO NORMAL AND SENDS PROPER CODE COMBINATION TO CONVERTERS. w/ TUBES 12/12AU7, 4/12AT7, 10/5663, 2 PUSH SWITCHES FOR IMPULSE & CHANNEL PHASING & MONITOR SELECTOR. RACK MTG. 19x7x13; 22 LBS, USED \$16.95

C-621/FGC-5 CONTROL MONITOR RECEIVING GROUP DECOUPLES AND AMPLIFIES SIGNAL WITH PROVISION FOR MONITORING w/ SPEAKER & 3 1/2" METERS 0-100 MA. DC. & 0-1 MA MOVEMENT & SCALE 0-200 FOR READING MULTIPLEX DRIVE & WPM. w/ TUBES 8/6SN7, 1/6SL7, 2/6V6 & 1/2B23. REQUIRES 225 VDC & 6.3 VAC. USED \$19.95

O-100/FGC-5 SIGNAL DISTRIBUTION DRIVE RECEIVING SUPPLIES DRIVING PULSES TO SIGNAL DISTRIBUTOR RECEIVING SECTION WHICH ARE CRYSTAL CONTROLLED FREQ. OF APPROX. 101.25 KC. w/ START-STOP INTERVAL, FOUR CHANNEL SELECTOR & 3 1/2" CORRECTION METER 5-0-5 0-1MA MOVE. w/ TUBES 12/12SN7 & 2/6SJ7 USED \$16.95

C-620/FGC-5 CONTROL MONITOR TRANS. GROUP AMPLIFIES SIGNALS FROM TRANS. SIG. DIST. COUPLES OUTPUT TO MULTIPLEX TRANS. CIR. NECESSARY CONTROLS SWITCHES & LIGHTS TO DO THIS ALSO WESTON METERS 301, 3 1/2" 0-100 MA DC AND MULTIPLEX DRIVE FREQ. METER CALB. CYC PER. SEC. 60 & 75 WPM. 0-1 MA. DC. BASIC.FS. w/ TUBES 5/6SN7, 2/6V6, VOLTAGE REQ. 6.3 VAC, 115 VDC & 225 VDC. w/ SCHEMATIC SIZE: 19x7x13; WT: 23 LBS. \$19.95

O-101/FGC-5 SIGNAL DISTRIBUTOR DRIVE TRANSMITTER GROUP SUPPLIES TIMED DRIVING IMPULSES TO THE TRANSMITTER DISTRIBUTOR, CRYSTAL OSCILLATOR 101.25 KC IN OVEN, AMPLIFIER CIRCUIT USES TUBES 6/6SN7, 1/6SJ7, 7 POSITION SW. FOR FREQ. & FAC. SEL. VOLT. REQ. 6.3 AC. 115 & 225VDC. 19x7x13; 15 LBS. \$12.95



OA-150/FGC-5 RECEIVING GROUP

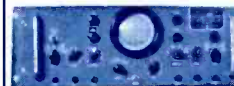
FGC-5 DELUXE CABINET FOR 19" PANEL MOUNTING 8 DRAWERS 7" HIGH WITH FULL GLIDE SUSPENSION AND TIP OVER FEATURE FOR EASY SERVICING, ONE BOTTOM DRAWER 11-1/8" HIGH, STANDARD MOUNTING GLIDES CAN BE REMOVED FOR STANDARD MOUNTING. FULL DOOR IN BACK WITH DUAL BLOWER. SIZE: 73x27x24 1/2; SHPG. WT: 300 LBS. \$45.00

CV-81/FGC-5 TELEGRAPH CODE CONVERTER TRANS. CIRCUITS FOR ACCEPTING & DETECTING START-STOP SIGNALS FROM 1 CIRCUIT STORING THE FIVE ELEMENT CODE COMBINATIONS AND TRANSFERRING THE STORED SIGNALS TO POSITIONS ARE USED BY THE TRANS. SIG. DIST. IN THE MULTI. CIR. WESTON 301 DC MA 100-0-100, 30 TUBES, 19/5663, 5/12AT7, 5/12AU7 & 1/3B23. VOLTAGE REQ. 6.3 VDC 115 VDC & 225 VDC. SIZE 19x7x13; WT: 23 LBS. \$16.95

TT-58/FGC-5 TRANSMITTER SIGNAL DISTRIBUTOR CONTAINS CIRCUITS WHICH FORM THE MULTIPLEX TELEGRAPH SIGNAL, THE PATTERN BEING DETERMINED BY THE CODE SIGNALS SET UP IN THE PARTICULAR TEL. CODE CONVERTERS IN USE. IT CONTAINS A CRYSTAL OSC., SUBDIVIDER, AMP. CIR., IND. LAMP AND SW. FOR SELECTION OF PROPER OUTPUT FREQ. FOR NUMBER OF CHANNELS IN USE ALSO A SW. TO CONNECT TO CONTROL-MONITOR FOR OSCILLOSCOPE VIEWING. WITH TUBES 19/12AT7, 10/5663. VOLTAGES REQ. 6.3; 115 & 225 VDC. SIZE: 19x7x13; WT: 15 LBS. \$19.95

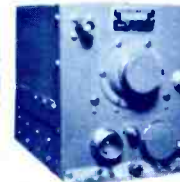
PP-484/FGC-5 VOLTAGE REGULATED POWER SUPPLY OPERATES FROM 115/230 VOLT 50/60 CYCLE 1 PH. OUTPUT 115 VDC 100 MA 225 VDC 550 MA. 4/6.3 VAC 12 AMP. -6.3V BIA WESTON 301-METERS 3 1/2" 0-10 VAC; 0-200 VDC & 0-500 VDC w/ TUBES 2/3B28, 2/2050, 2/12AU7, 6Y6 & 5U4 ALSO 2 AC OUTLETS ON FRONT PANEL. SIZE: 19x11 1/2x20; WT: 150 LBS. PRICE: \$39.95

OSCILLOSCOPE



OS-11/FGC-5 OSCILLOSCOPE USED FOR MONITORING SIGNALS AND TESTING OF THE FGC-5 TELEGRAPH EQUIPMENT. HAS STANDARD SCOPE CONTROLS PLUS A TRIGGERED SWEEP CONTROL CIRCUIT, ATTENUATOR SELECTION SWITCH ETC. WITH TUBES 7/12AT7, 3/12AU7, 1/6X4, 1/2X2 AND 3RP1 C.R. HAS 115 VOLT 60 CYCLE POWER SUPPLY. PANEL MTG. 19x7; WT: 28 LBS. USED \$49.50

RECEIVER 108-135 MC



AIRCRAFT RADIO RECEIVER VHF 108 TO 135 MC AM, CONTINUOUS TUNING, NO DIAL ON RECEIVER DESIGNED FOR REMOTE USE, 15 MC. I.F. REQUIRES 24/28 VOLTS FOR FILAMENT AND 250 VDC 60 MA. HV. HAS FACILITY FOR MOUNTING DYNAMOTOR ON THE REAR SUCH AS D-10/DM-32 WITH TUBES 3/9003, 1/9002, 2/14R7, 1/14A7, 1/14F7 & 1/12A6. HAS PHONE OUT PUT JACK ON THE FRONT ALSO INPUT & OUTPUT PL SIZE: 6 1/2x5x11 1/2; WT: 10 LBS.
R-15 RECEIVER NO SQUELCH USED \$16.95
R-509/ARC RECEIVER WITH SQUELCH, USED \$19.95
SPIN TUNING KNOB FOR LOCAL USE \$1.00
UG-88/U COAX. CONN. FOR ANTENNA USED \$.30

CONNECTOR PLUGS TO FIT FRONT OF SET \$1.50 EA.



GRAB BOX ASSORTMENT OF NEW & USED USEABLE ELECTRONIC ITEMS CONSISTS OF PARTS AND ASSEMBLIES SUCH AS RESISTORS, CONDENSERS, MOTORS, TRANSFORMERS, CHOKES, COILS, CONTROL BOXES CIRCUIT BOARDS, CHASSIS AND MANY OTHER ITEMS TOO NUMEROUS TO MENTION. PACKED IN A CARTON AND THE WEIGHT WILL BE AT LEAST 50 LBS. (A GOOD FILLER WHEN YOU ARE BUYING OTHER MATERIAL AND YOU DO NOT HAVE ENOUGH WEIGHT TO MAKE THE MINIMUM MOTOR FREIGHT CHARGE.)
GB-71 50 LB BOX \$5.00 --100 LBS. \$9.00

CONNECTOR PLUGS TO FIT INDIVIDUAL UNITS ...\$1.50 EACH PLUG